

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003462.D
 Acq On : 02 Nov 2020 10:33
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 02 11:50:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	340134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	303956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155923	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	25880	10.78	ug/l	0.00
Spiked Amount			Recovery	=	21.56%	
35) Dibromofluoromethane	7.73	113	20982	10.32	ug/l	0.00
Spiked Amount			Recovery	=	20.64%	
50) Toluene-d8	10.18	98	88576	10.42	ug/l	0.00
Spiked Amount			Recovery	=	20.84%	
62) 4-Bromofluorobenzene	12.49	95	28430	9.75	ug/l	0.00
Spiked Amount			Recovery	=	19.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	19463	10.472	ug/l	98
3) Chloromethane	2.12	50	24902	9.679	ug/l	95
4) Vinyl Chloride	2.26	62	27665	9.851	ug/l	99
5) Bromomethane	2.66	94	25133	9.448	ug/l	99
6) Chloroethane	2.80	64	17167	10.040	ug/l	99
7) Trichlorofluoromethane	3.14	101	37657	10.814	ug/l	98
8) Diethyl Ether	3.54	74	11389	9.961	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	20956	10.802	ug/l	99
10) Methyl Iodide	4.11	142	13936	12.206	ug/l	98
11) Tert butyl alcohol	4.97	59	15998	68.621	ug/l	95
12) 1,1-Dichloroethene	3.89	96	20852	10.905	ug/l	96
13) Acrolein	3.74	56	10573	48.609	ug/l	99
14) Allyl chloride	4.50	41	36899	10.794	ug/l	99
15) Acrylonitrile	5.18	53	28989	52.358	ug/l	98
16) Acetone	3.96	43	36784	58.320	ug/l	96
17) Carbon Disulfide	4.21	76	66991	10.748	ug/l	99
18) Methyl Acetate	4.49	43	14876	10.431	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	48983	9.826	ug/l	98
20) Methylene Chloride	4.74	84	25743	10.059	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	23857	10.665	ug/l	94
22) Diisopropyl ether	6.14	45	64976	10.261	ug/l	96
23) Vinyl Acetate	6.08	43	235663	50.577	ug/l	97
24) 1,1-Dichloroethane	6.04	63	41988	10.643	ug/l	98
25) 2-Butanone	7.00	43	48193	55.006	ug/l	99
26) 2,2-Dichloropropane	6.99	77	39601	11.125	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	25517	10.285	ug/l	97
28) Bromochloromethane	7.35	49	19518	10.093	ug/l	99
29) Tetrahydrofuran	7.36	42	26169	52.439	ug/l	99
30) Chloroform	7.52	83	40550	10.192	ug/l	98
31) Cyclohexane	7.80	56	40184	11.366	ug/l	# 86
32) 1,1,1-Trichloroethane	7.71	97	38055	10.401	ug/l	99
36) 1,1-Dichloropropene	7.93	75	33098	10.343	ug/l	98
37) Ethyl Acetate	7.09	43	20291	10.729	ug/l	98
38) Carbon Tetrachloride	7.91	117	34992	10.459	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	37777	10.710	ug/l	96
40) Benzene	8.17	78	93550	10.349	ug/l	98
41) Methacrylonitrile	7.32	41	9930	10.322	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	28834	10.052	ug/l	100
43) Isopropyl Acetate	8.28	43	35783	10.153	ug/l	99
44) Trichloroethene	8.94	130	26614	10.062	ug/l	95
45) 1,2-Dichloropropane	9.22	63	23830	10.373	ug/l	97
46) Dibromomethane	9.31	93	12750	9.834	ug/l	98
47) Bromodichloromethane	9.50	83	31755	9.980	ug/l	98
48) Methyl methacrylate	9.30	41	16582	9.941	ug/l	98
49) 1,4-Dioxane	9.30	88	3071	198.832	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	94498	50.381	ug/l	98
52) Toluene	10.25	92	57912	9.988	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	32487	9.604	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	37849	9.998	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	18167	9.824	ug/l	96
56) Ethyl methacrylate	10.51	69	22636	9.115	ug/l	99
57) 1,3-Dichloropropane	10.79	76	31684	9.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	56508	43.750	ug/l	99
59) 2-Hexanone	10.83	43	66211	49.517	ug/l	98
60) Dibromochloromethane	10.99	129	21926	9.407	ug/l	99
61) 1,2-Dibromoethane	11.09	107	17212	9.678	ug/l	98
64) Tetrachloroethene	10.72	164	24513	9.195	ug/l	98
65) Chlorobenzene	11.52	112	62767	10.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	23609	10.280	ug/l	99
67) Ethyl Benzene	11.60	91	110452	10.177	ug/l	100
68) m/p-Xylenes	11.70	106	83977	20.286	ug/l	99
69) o-Xylene	12.03	106	38130	9.834	ug/l	98
70) Styrene	12.05	104	64837	9.847	ug/l	99
71) Bromoform	12.21	173	15007	9.791	ug/l #	99
73) Isopropylbenzene	12.33	105	106422	10.813	ug/l	99
74) N-amyl acetate	12.14	43	28313	10.049	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	22412	11.612	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	16520m	11.823	ug/l	
77) Bromobenzene	12.61	156	26967	10.356	ug/l	99
78) n-propylbenzene	12.67	91	125865	10.757	ug/l	100
79) 2-Chlorotoluene	12.75	91	70574	10.753	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	89300	10.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	7920	11.032	ug/l	98
82) 4-Chlorotoluene	12.86	91	73963	10.631	ug/l	99
83) tert-Butylbenzene	13.08	119	78304	10.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	88429	10.434	ug/l	99
85) sec-Butylbenzene	13.25	105	106807	10.588	ug/l	100
86) p-Isopropyltoluene	13.37	119	97478	10.197	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	51161	10.329	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	51508	10.435	ug/l	99
89) n-Butylbenzene	13.70	91	88570	10.130	ug/l	99
90) Hexachloroethane	13.96	117	16374	10.825	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	45536	10.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4040	11.075	ug/l	95

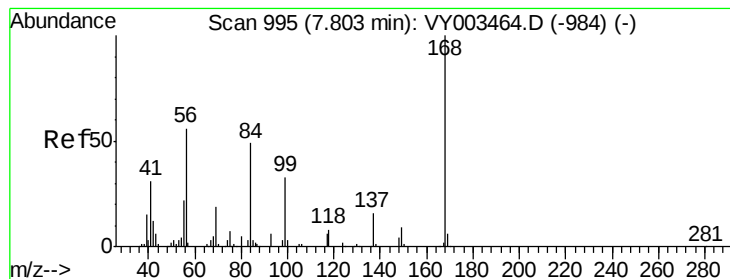
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
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Acq On : 02 Nov 2020 10:33
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	32032	9.803	ug/l	99
94) Hexachlorobutadiene	15.11	225	21396	10.047	ug/l	99
95) Naphthalene	15.23	128	59882	10.238	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	28820	10.127	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

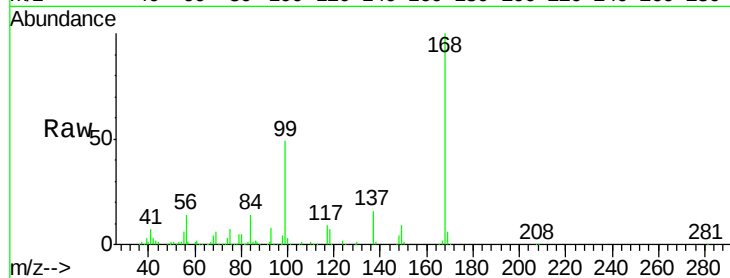
VSTDIC010

Tot Ion:168 Resp: 239295

Ion Ratio Lower Upper

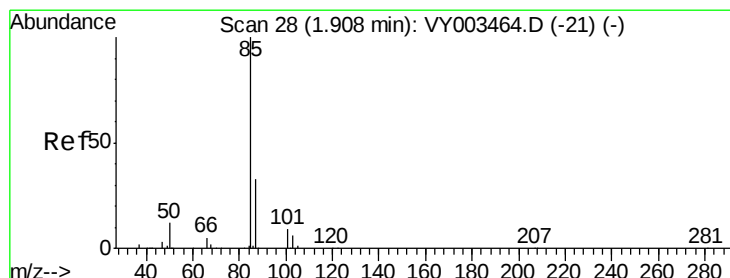
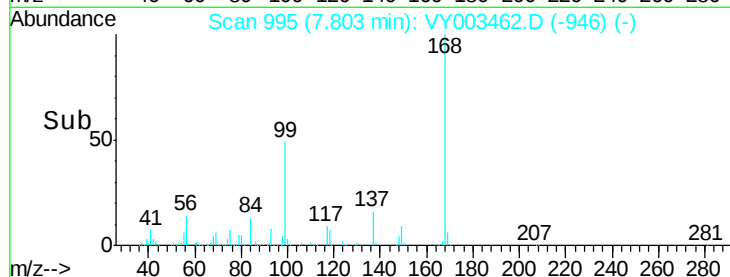
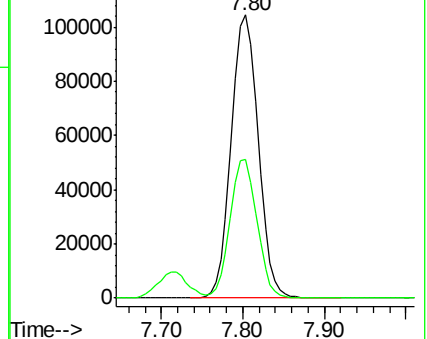
168 100

99 49.0 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003462.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003462.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 10.472 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003462.D

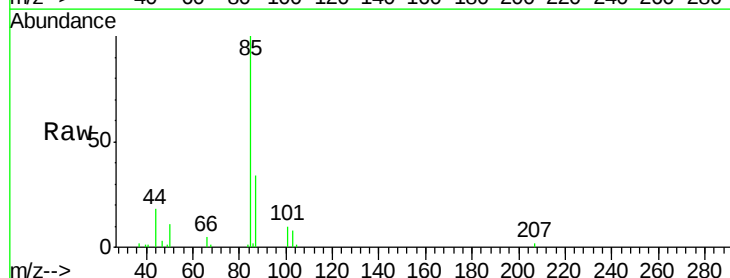
Acq: 02 Nov 2020 10:33

Tgt Ion: 85 Resp: 19463

Ion Ratio Lower Upper

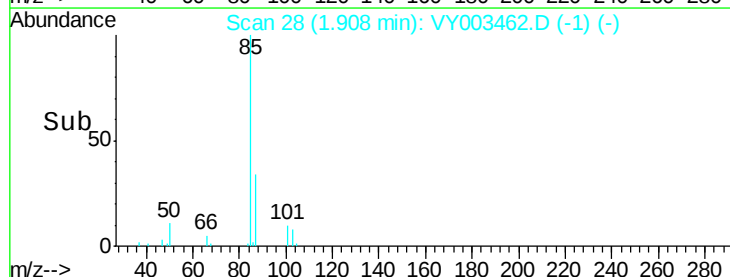
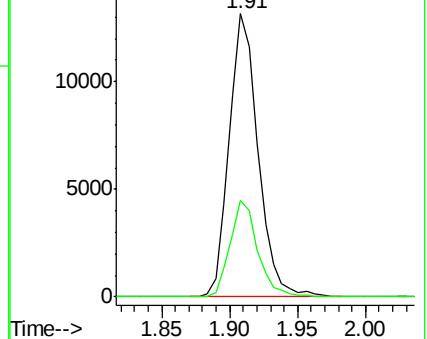
85 100

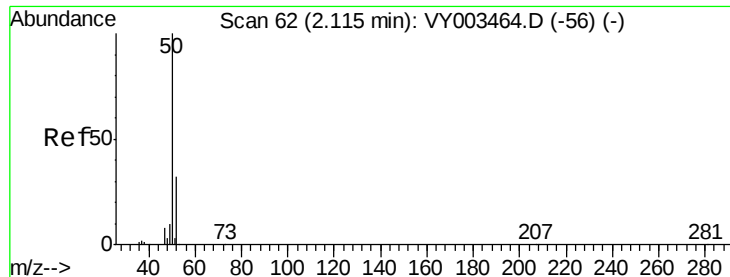
87 34.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003462.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003462.D (-1) (-)





#3

Chloromethane

Concen: 9.679 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

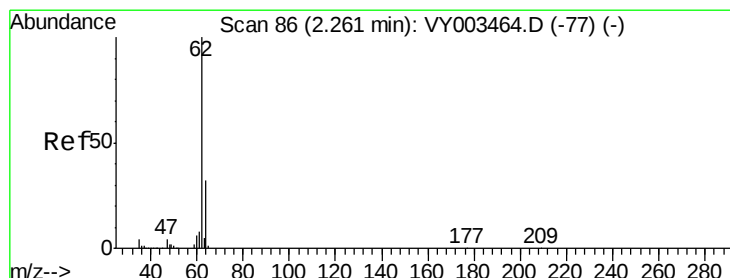
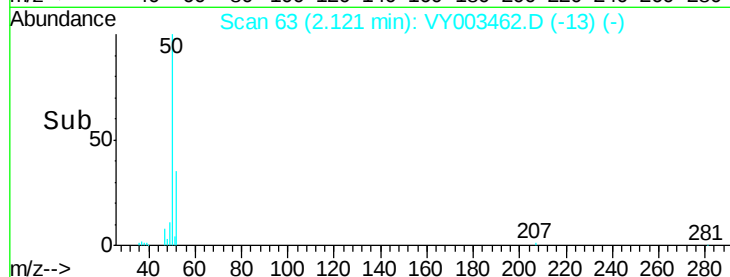
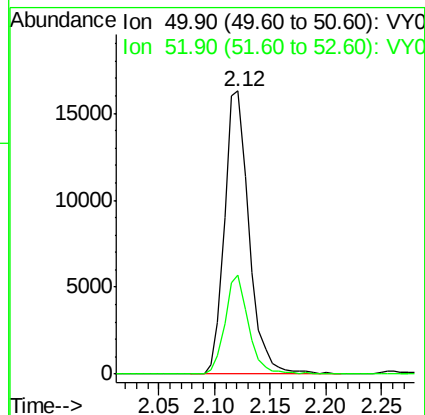
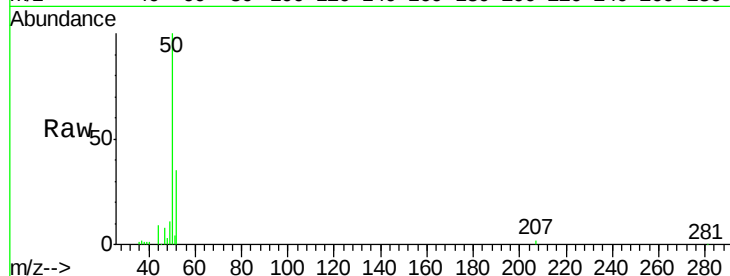
VSTDIC010

Tot Ion: 50 Resp: 24902

Ion Ratio Lower Upper

50 100

52 35.0 25.6 38.4



#4

Vinyl Chloride

Concen: 9.851 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003462.D

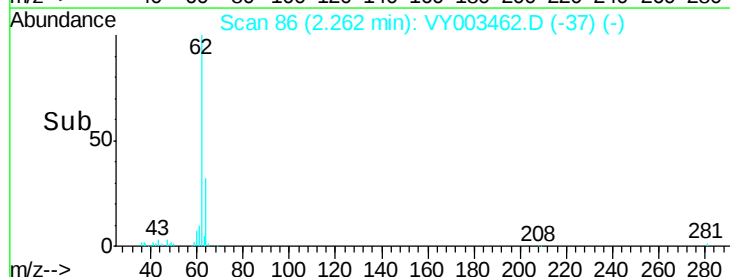
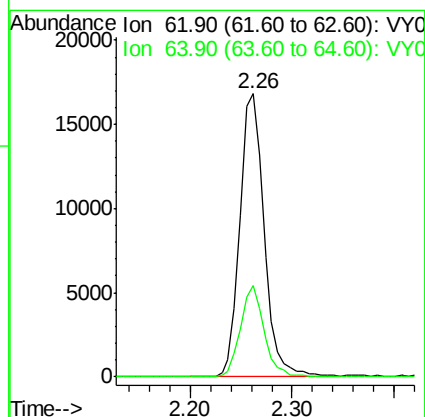
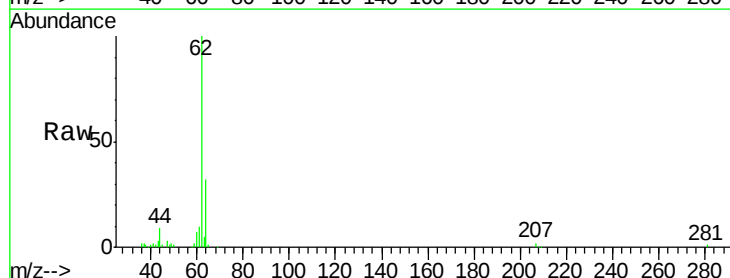
Acq: 02 Nov 2020 10:33

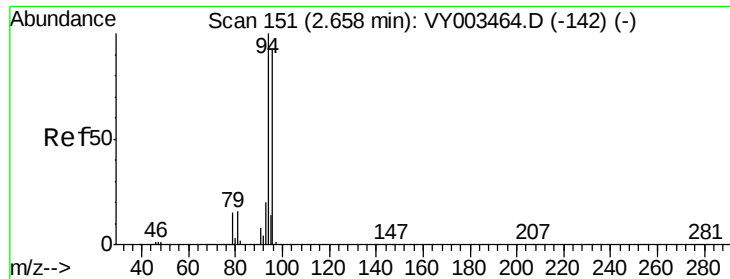
Tgt Ion: 62 Resp: 27665

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 9.448 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

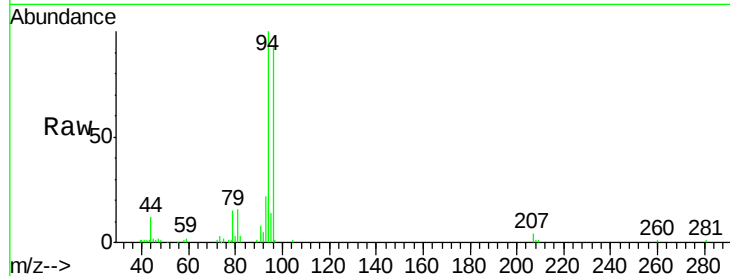
VSTDIC010

Tot Ion: 94 Resp: 25133

Ion Ratio Lower Upper

94 100

96 92.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

15000

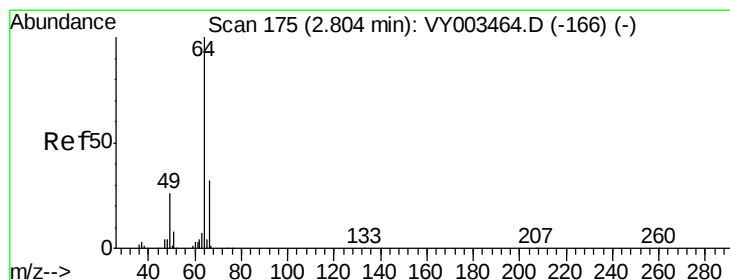
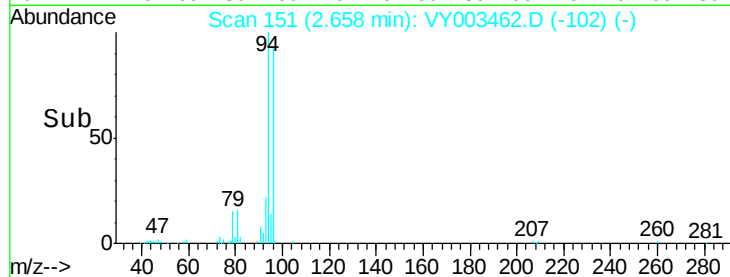
2.66

10000

5000

0

Time-->



#6

Chloroethane

Concen: 10.040 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY003462.D

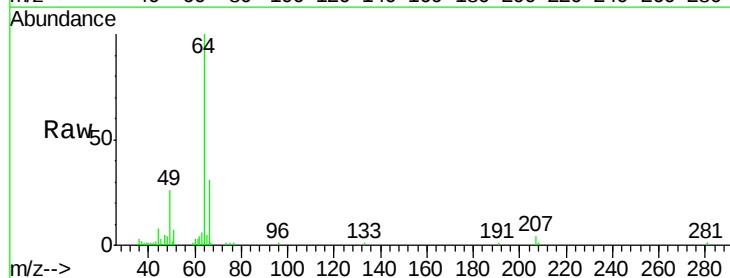
Acq: 02 Nov 2020 10:33

Tgt Ion: 64 Resp: 17167

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

10000

2.80

8000

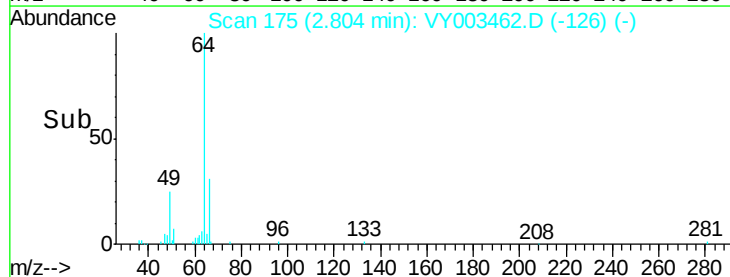
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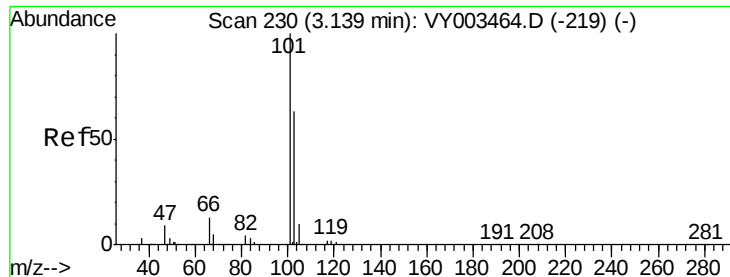
4000

2000

0

Time-->



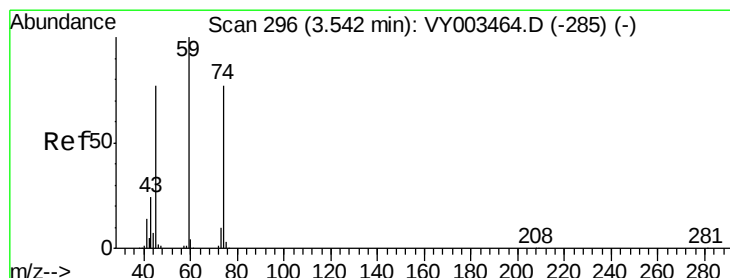
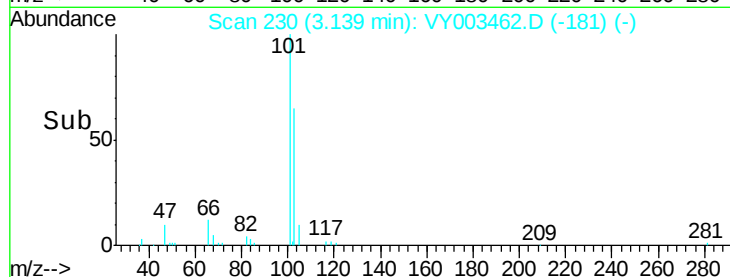
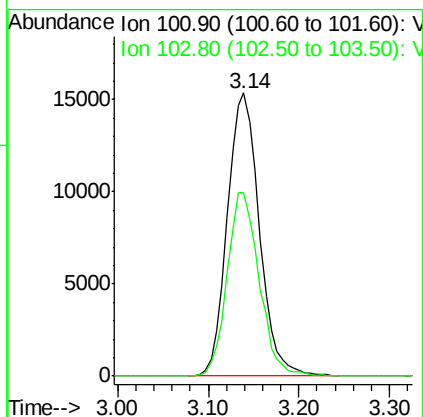
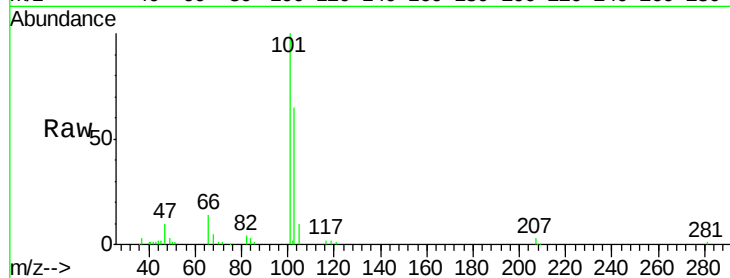


#7

Trichlorofluoromethane
 Concen: 10.814 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

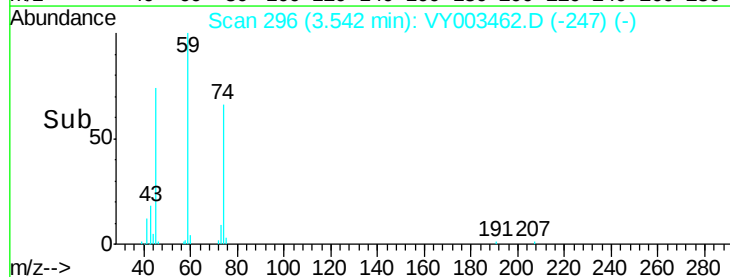
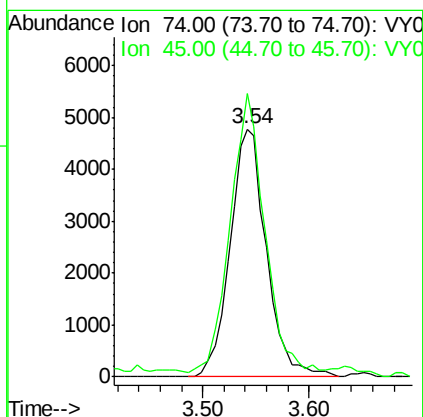
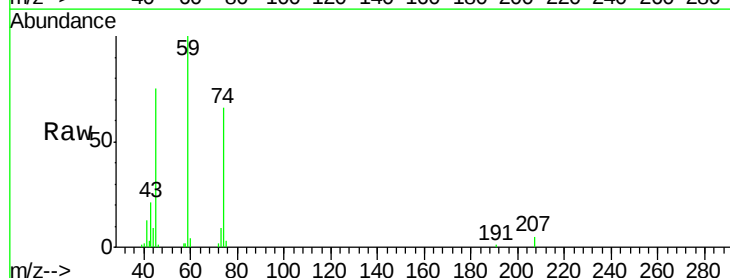
Tot Ion:101 Resp: 37657
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1

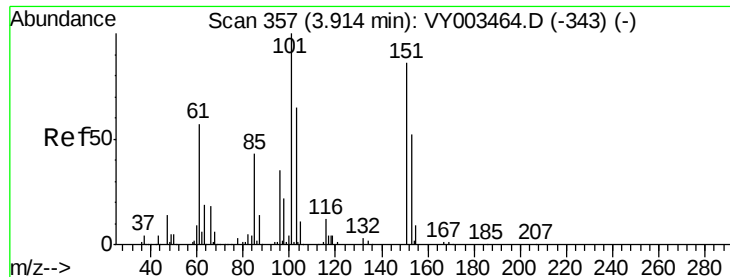


#8

Diethyl Ether
 Concen: 9.961 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Tgt Ion: 74 Resp: 11389
 Ion Ratio Lower Upper
 74 100
 45 109.2 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.802 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

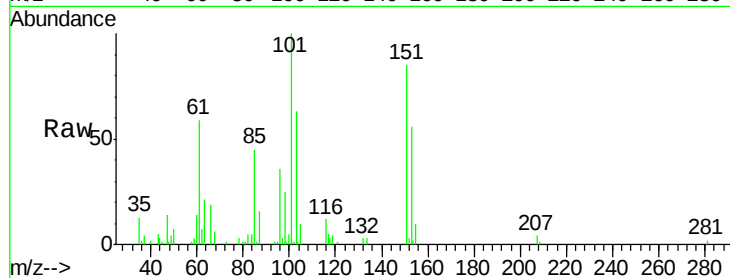
Tot Ion:101 Resp: 20956

Ion Ratio Lower Upper

101 100

85 45.9 35.8 53.8

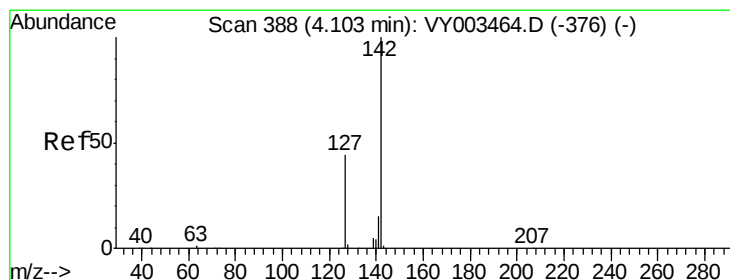
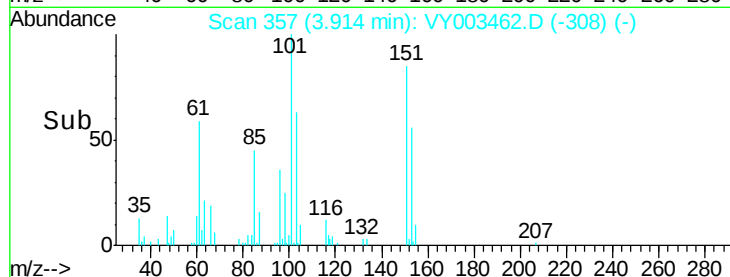
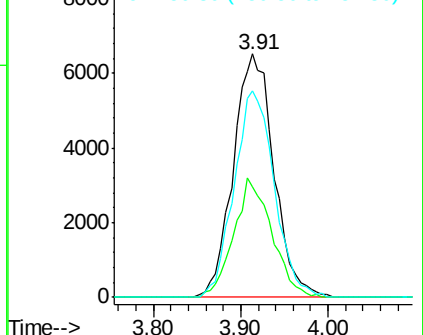
151 84.1 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.206 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

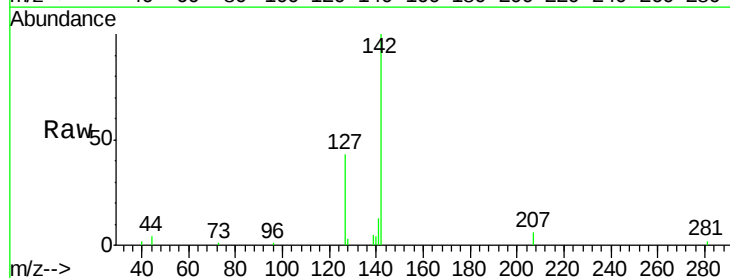
Tgt Ion:142 Resp: 13936

Ion Ratio Lower Upper

142 100

127 44.7 34.5 51.7

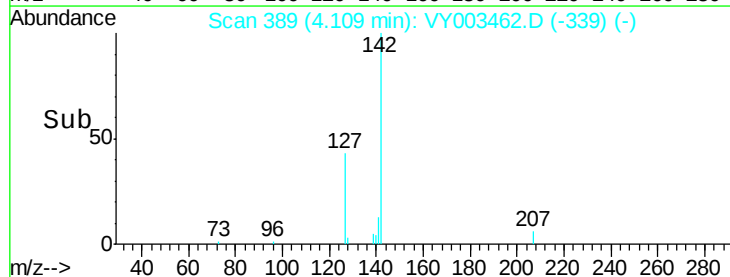
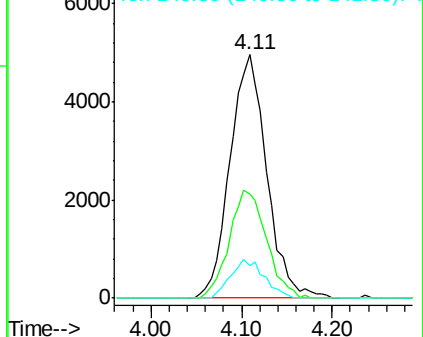
141 14.4 11.8 17.8

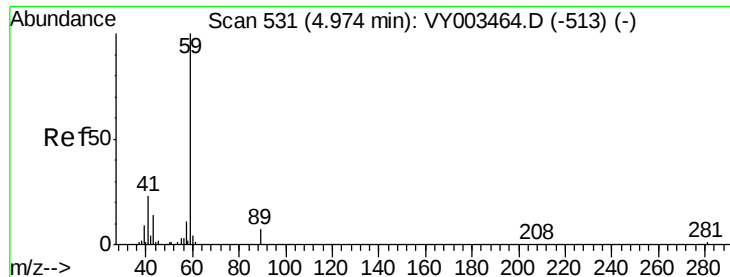


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



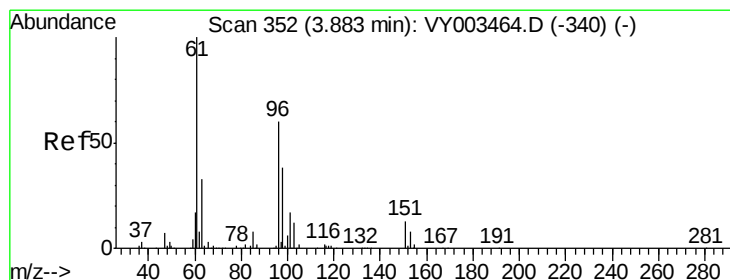
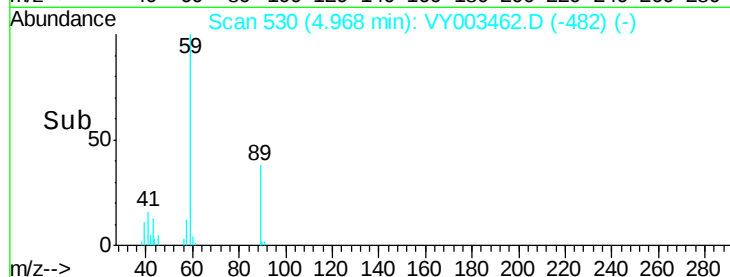
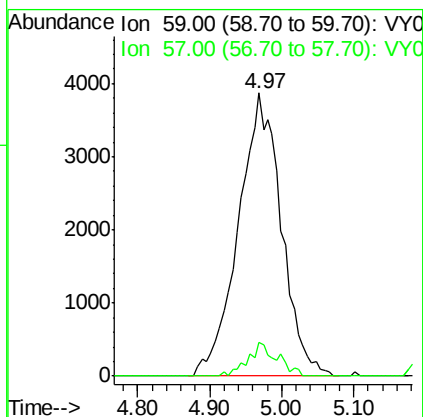
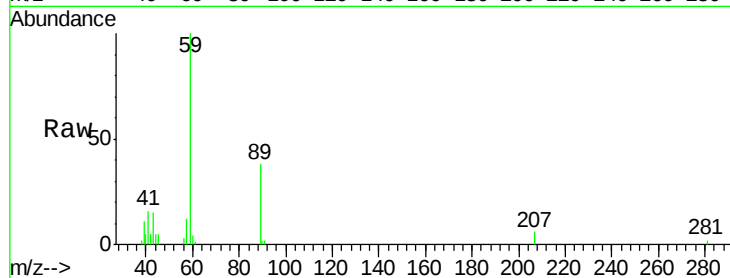


#11

Tert butyl alcohol
 Concen: 68.621 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

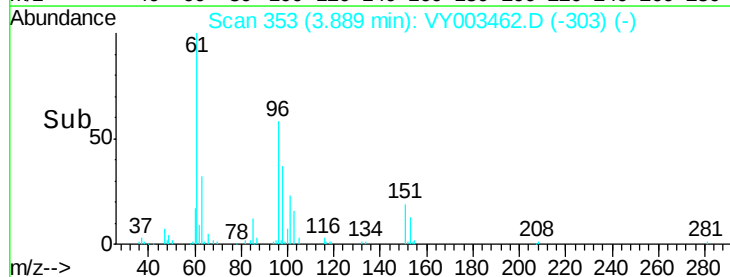
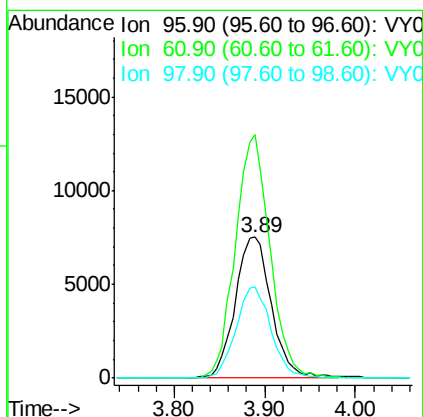
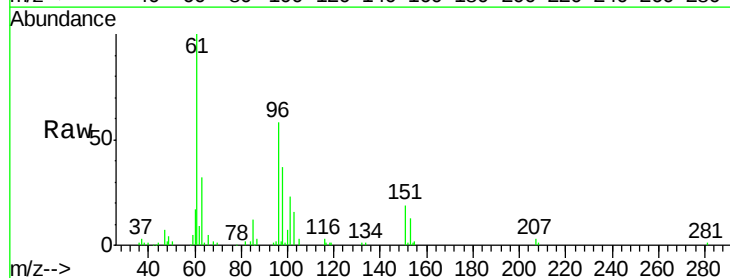
Tot Ion: 59 Resp: 15998
 Ion Ratio Lower Upper
 59 100
 57 8.1 7.9 11.9

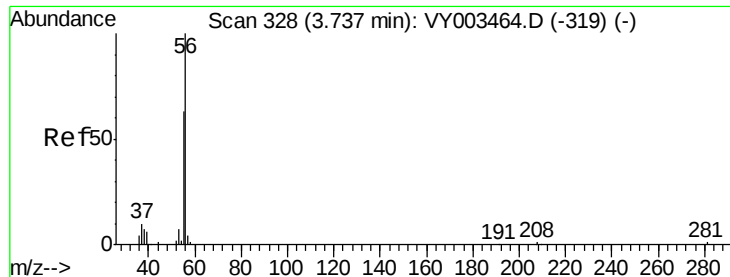


#12

1,1-Dichloroethene
 Concen: 10.905 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Tgt Ion: 96 Resp: 20852
 Ion Ratio Lower Upper
 96 100
 61 172.5 133.6 200.4
 98 64.4 50.2 75.2





#13

Acrolein

Concen: 48.609 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

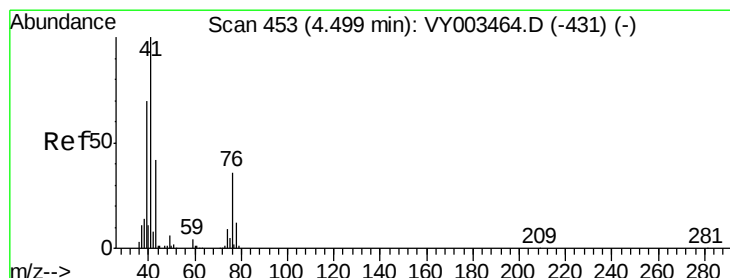
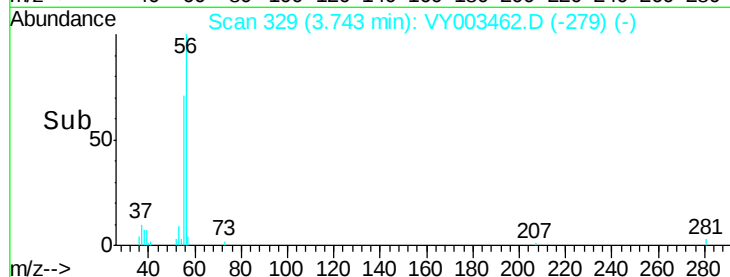
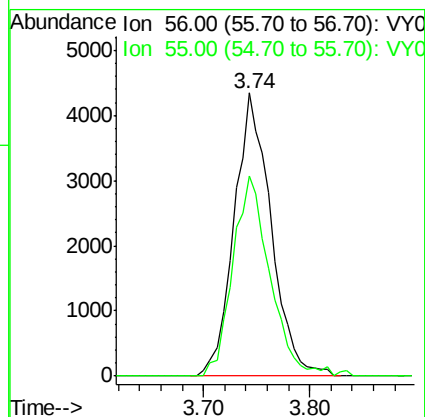
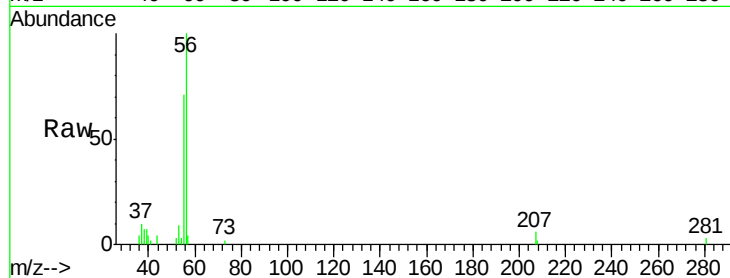
VSTDIC010

Tot Ion: 56 Resp: 10573

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



#14

Allyl chloride

Concen: 10.794 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

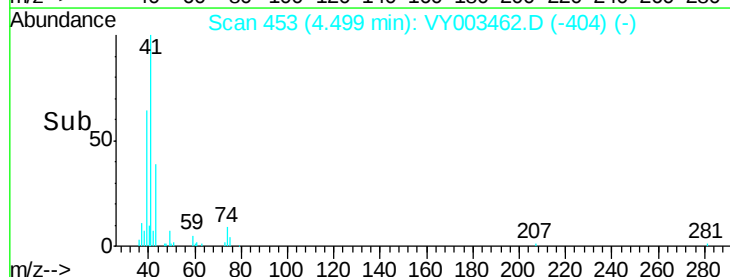
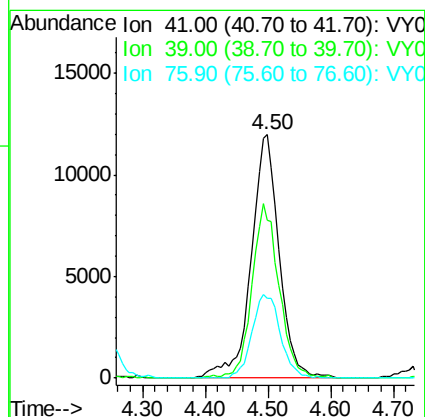
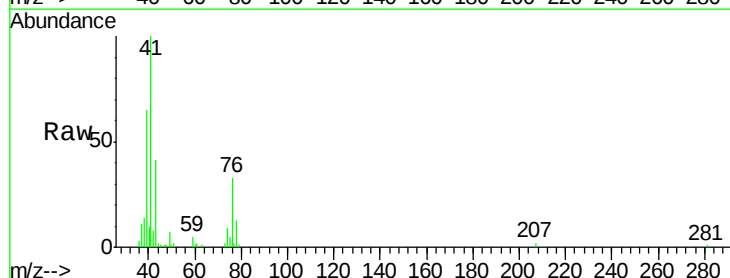
Tgt Ion: 41 Resp: 36899

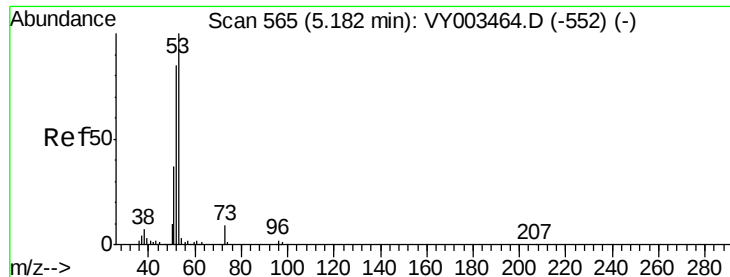
Ion Ratio Lower Upper

41 100

39 69.2 54.4 81.6

76 34.8 27.6 41.4





#15

Acrylonitrile

Concen: 52.358 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

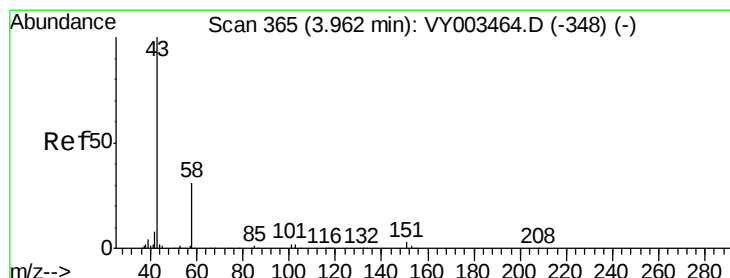
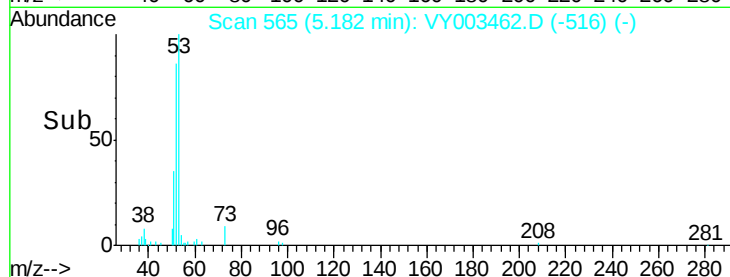
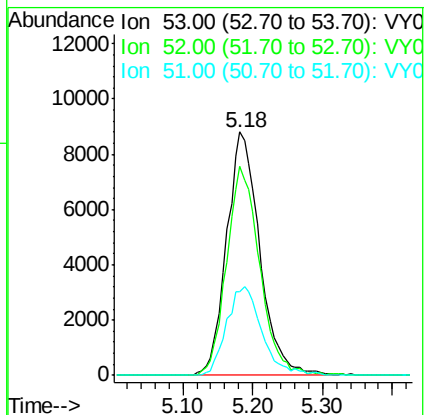
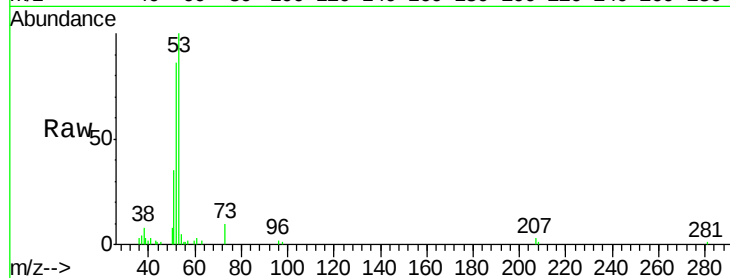
Tot Ion: 53 Resp: 28989

Ion Ratio Lower Upper

53 100

52 85.3 66.9 100.3

51 38.9 29.3 43.9



#16

Acetone

Concen: 58.320 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY003462.D

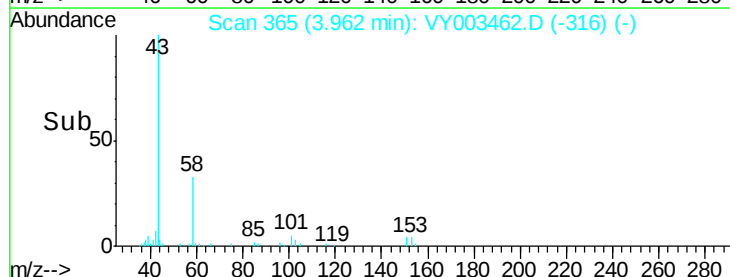
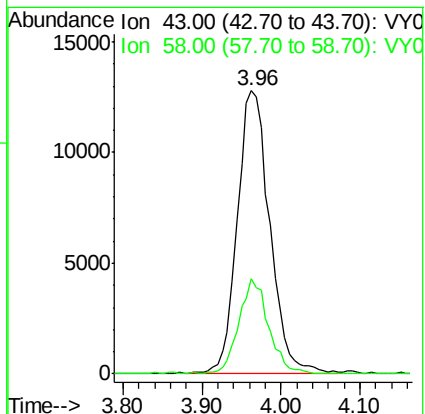
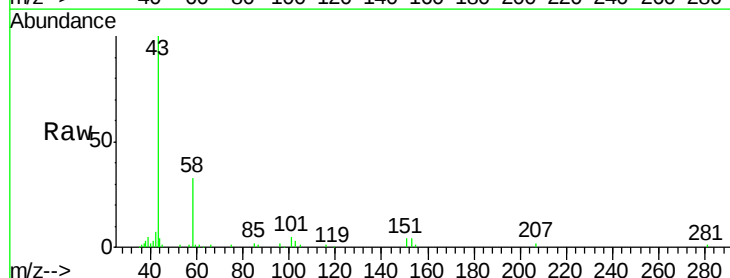
Acq: 02 Nov 2020 10:33

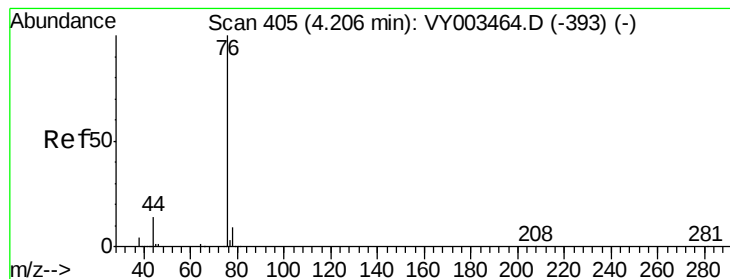
Tgt Ion: 43 Resp: 36784

Ion Ratio Lower Upper

43 100

58 33.4 25.0 37.4





#17

Carbon Disulfide

Concen: 10.748 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

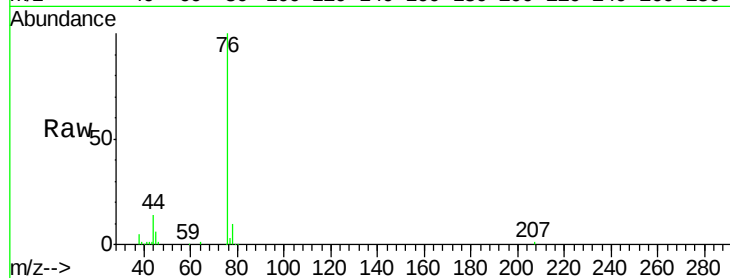
VSTDIC010

Tot Ion: 76 Resp: 66991

Ion Ratio Lower Upper

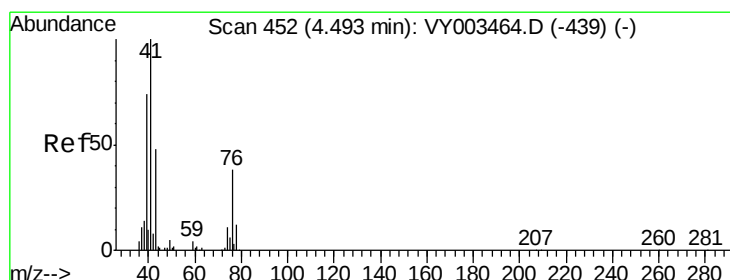
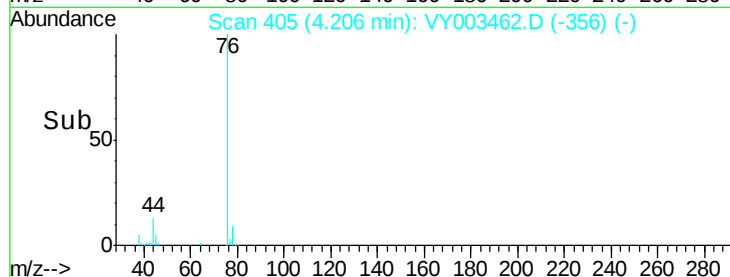
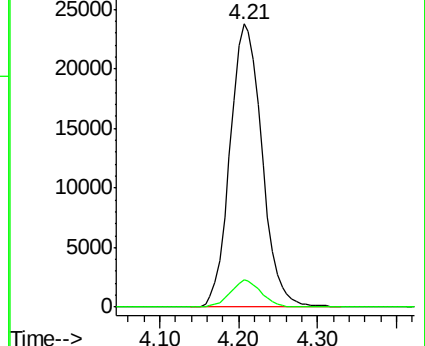
76 100

78 9.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 10.431 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY003462.D

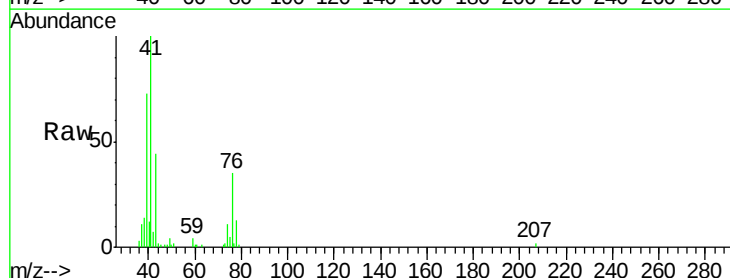
Acq: 02 Nov 2020 10:33

Tgt Ion: 43 Resp: 14876

Ion Ratio Lower Upper

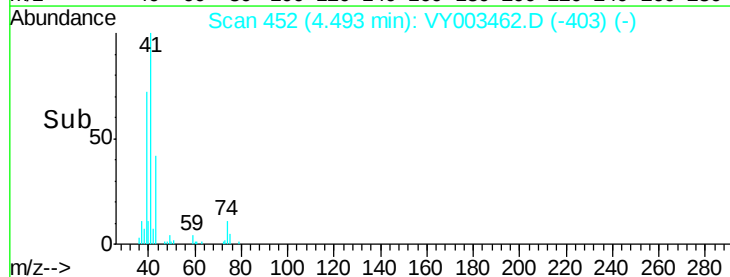
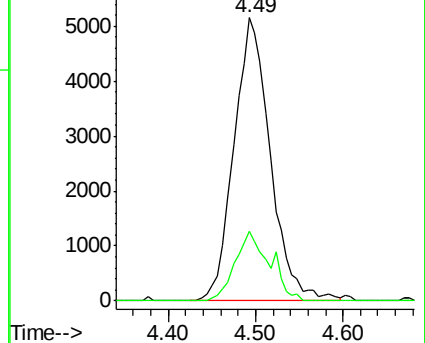
43 100

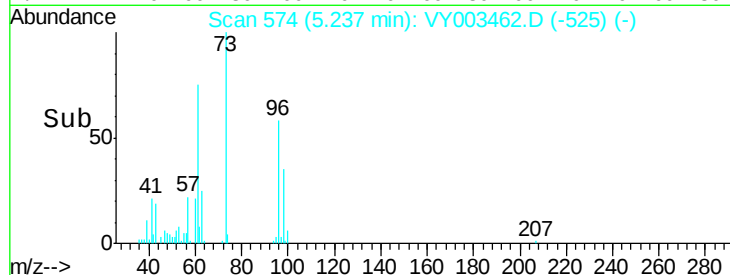
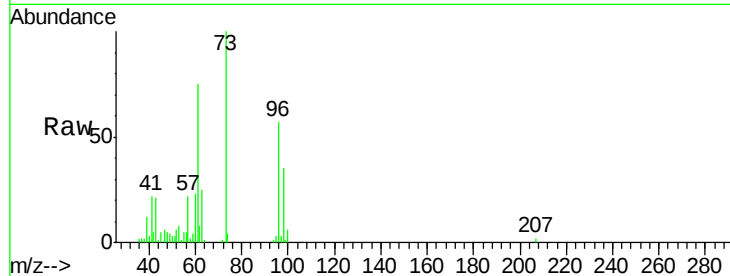
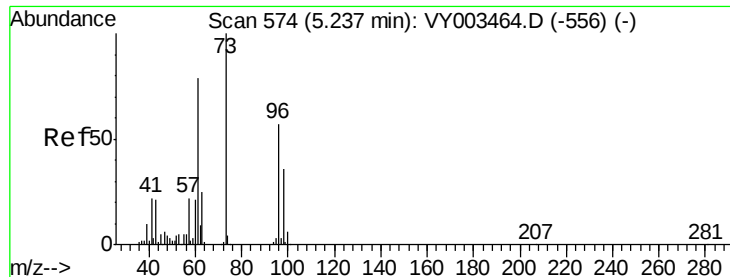
74 23.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

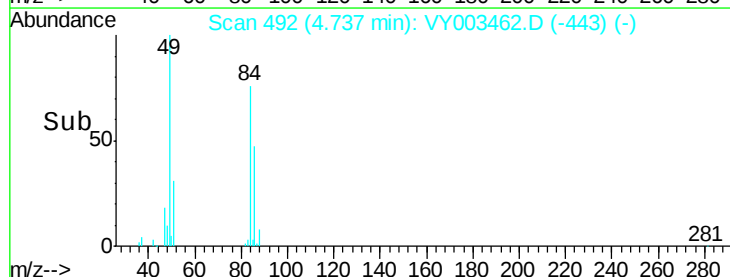
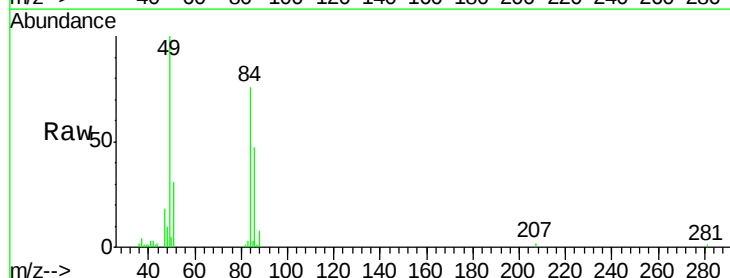
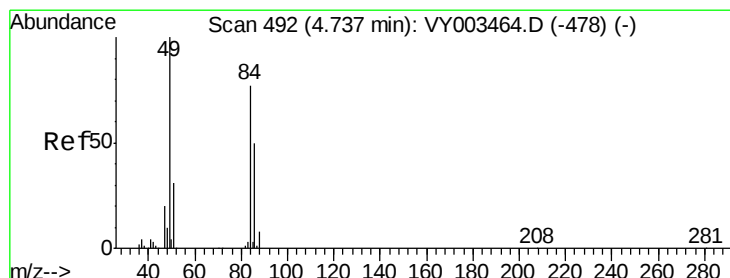
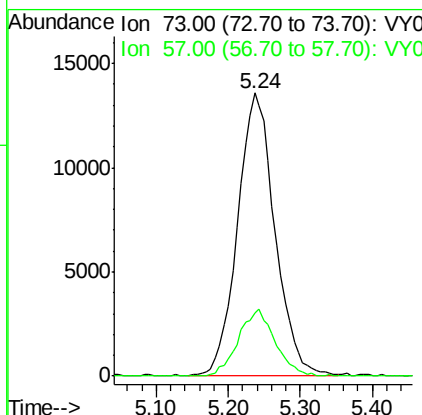




#19
Methvl tert-butvl Ether
Concen: 9.826 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

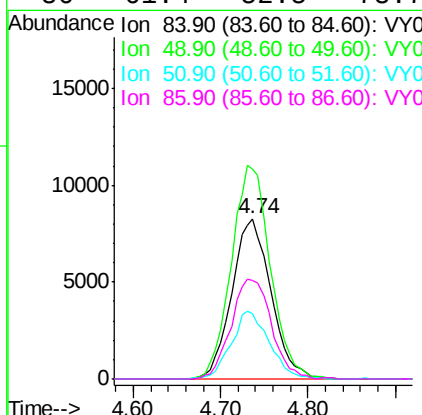
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

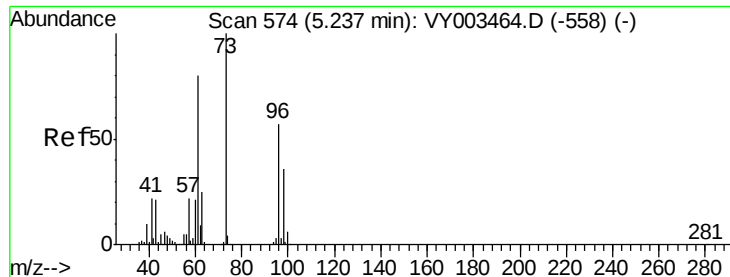
Tot Ion: 73 Resp: 48983
Ion Ratio Lower Upper
73 100
57 22.4 17.2 25.8



#20
Methylene Chloride
Concen: 10.059 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion: 84 Resp: 25743
Ion Ratio Lower Upper
84 100
49 131.5 104.3 156.5
51 40.5 32.5 48.7
86 61.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 10.665 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

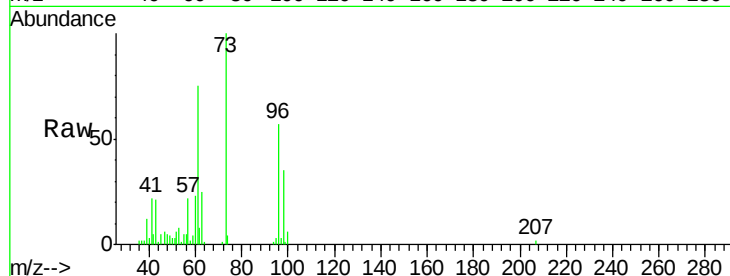
Tot Ion: 96 Resp: 23857

Ion Ratio Lower Upper

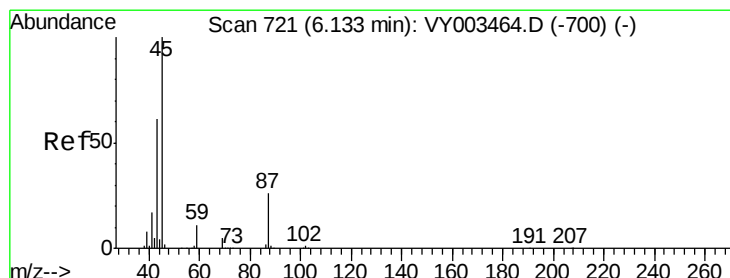
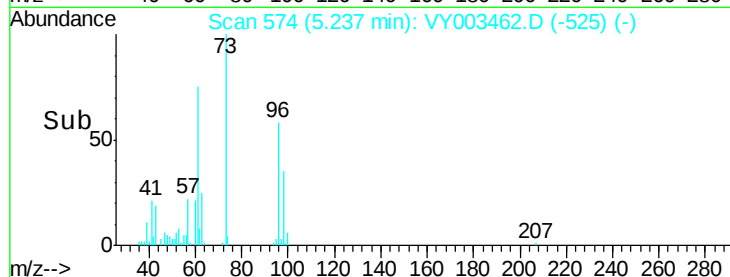
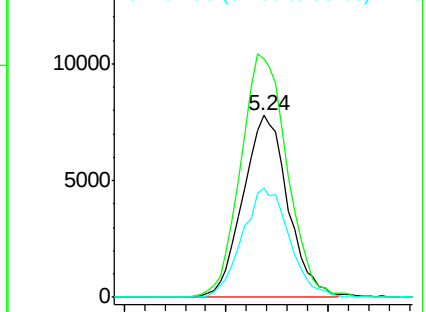
96 100

61 131.2 111.3 166.9

98 60.1 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 10.261 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Tgt Ion: 45 Resp: 64976

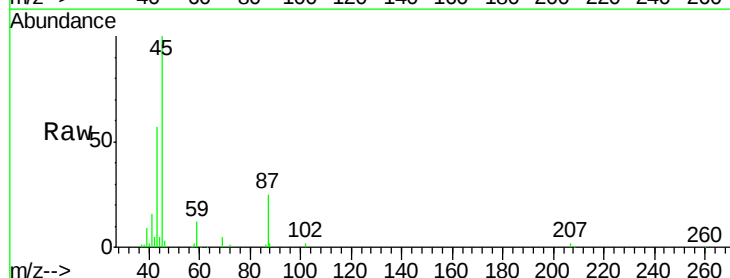
Ion Ratio Lower Upper

45 100

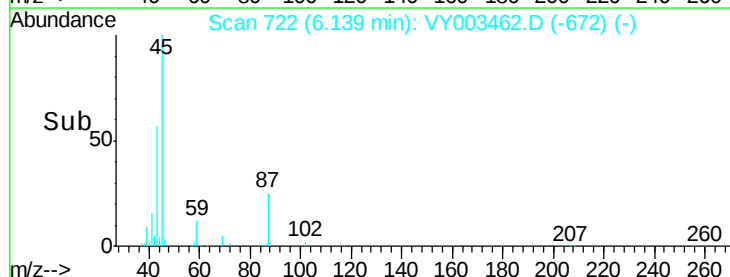
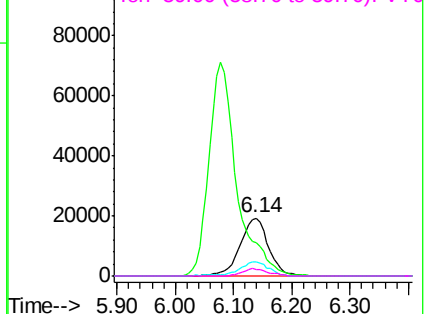
43 56.2 48.8 73.2

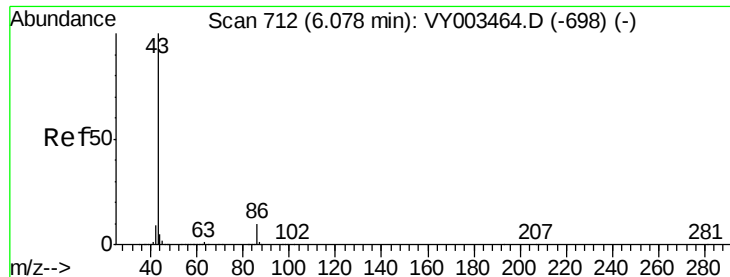
87 25.3 20.6 31.0

59 11.9 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 50.577 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

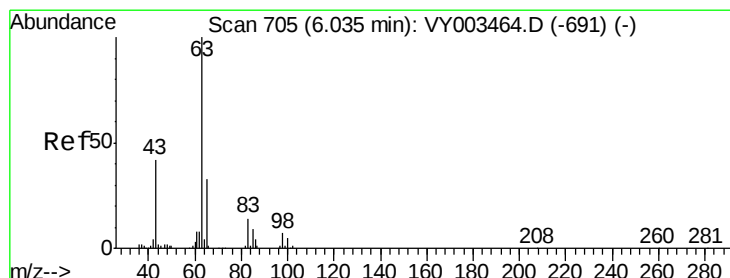
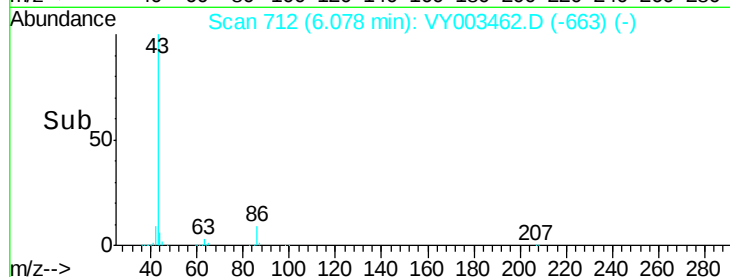
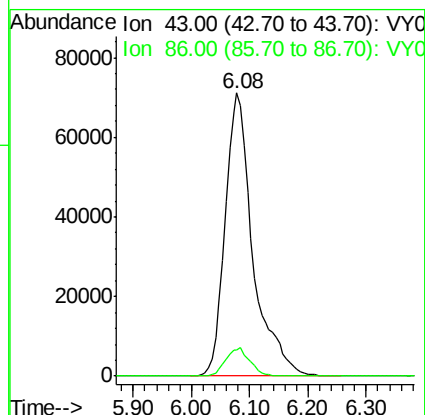
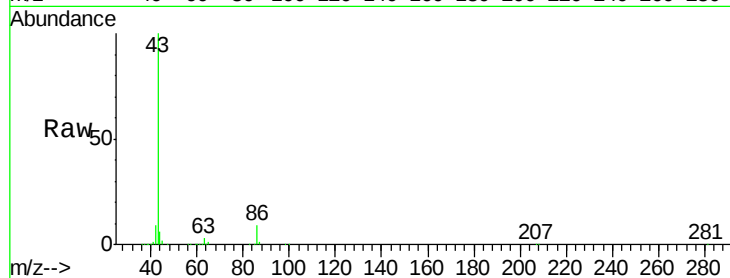
VSTDIC010

Tot Ion: 43 Resp: 235663

Ion Ratio Lower Upper

43 100

86 9.3 8.2 12.2



#24

1,1-Dichloroethane

Concen: 10.643 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

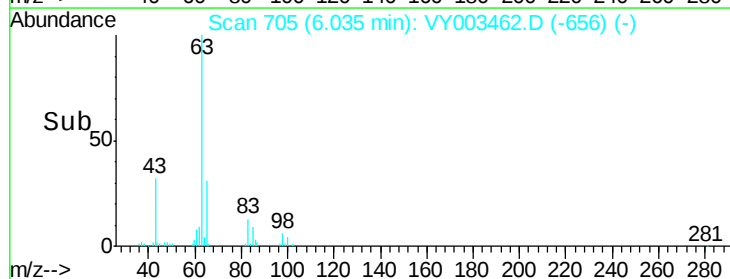
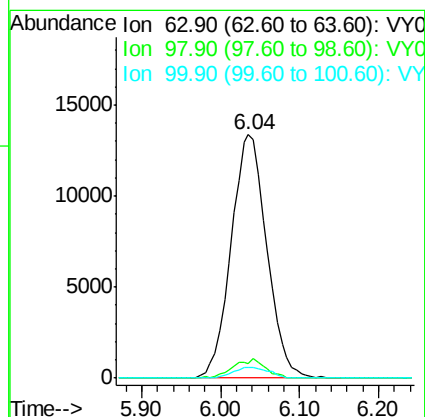
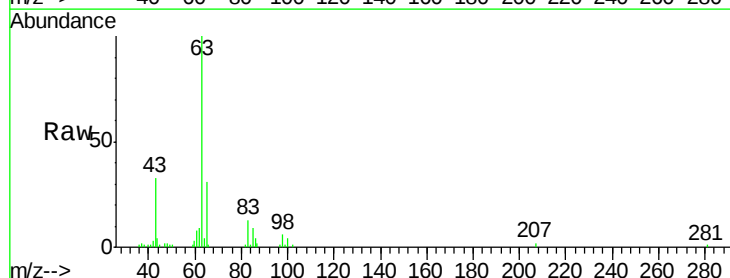
Tgt Ion: 63 Resp: 41988

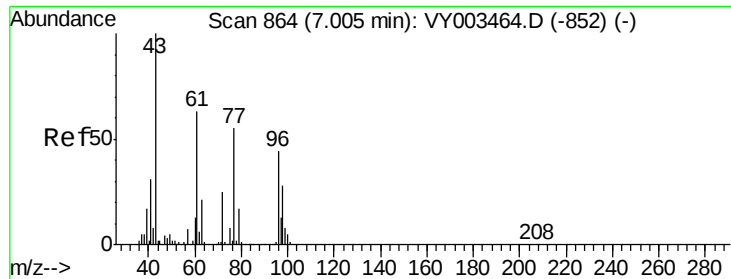
Ion Ratio Lower Upper

63 100

98 6.2 3.6 10.8

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 55.006 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

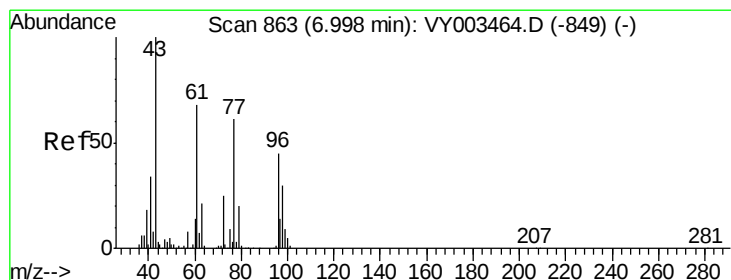
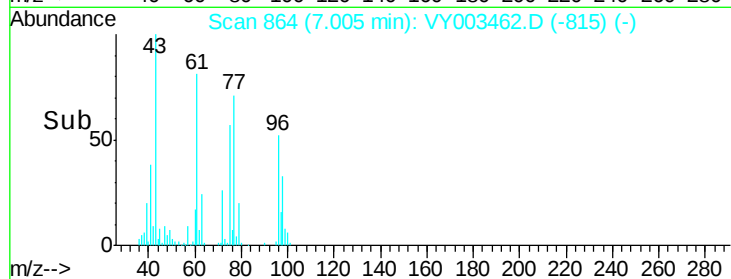
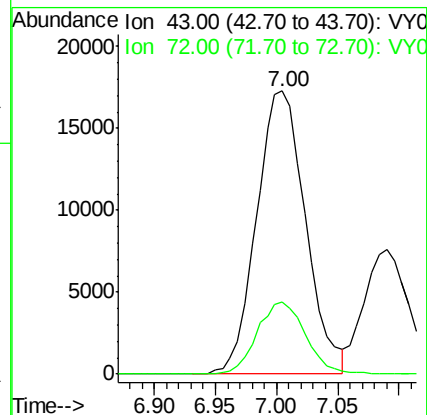
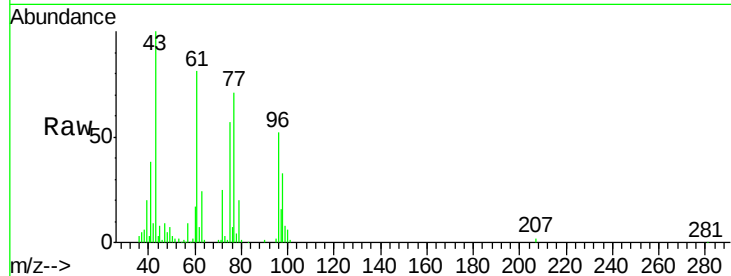
VSTDIC010

Tot Ion: 43 Resp: 48193

Ion Ratio Lower Upper

43 100

72 25.5 20.1 30.1



#26

2,2-Dichloropropane

Concen: 11.125 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003462.D

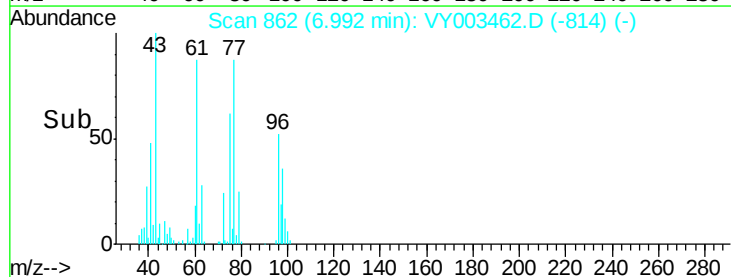
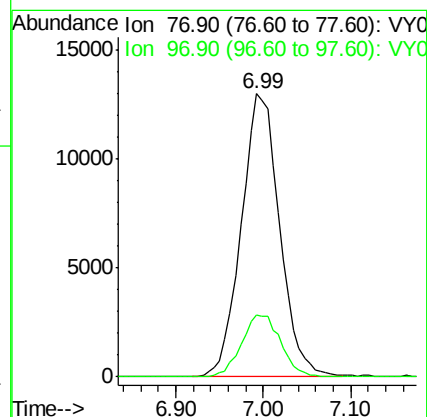
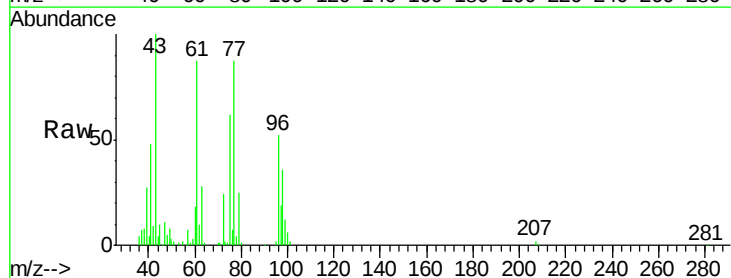
Acq: 02 Nov 2020 10:33

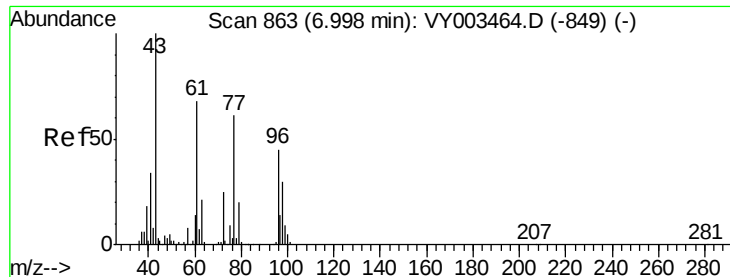
Tgt Ion: 77 Resp: 39601

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6



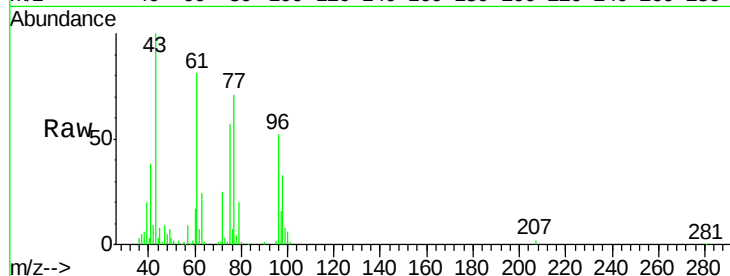


#27

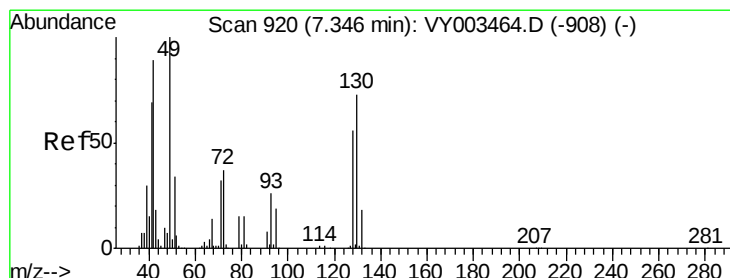
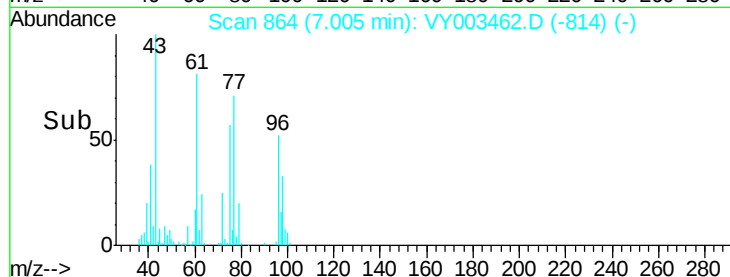
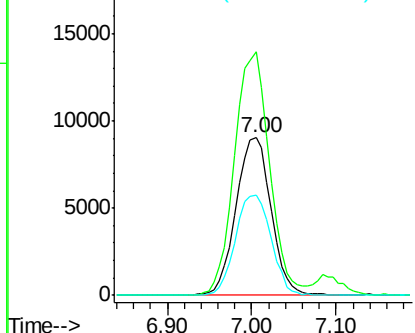
cis-1,2-Dichloroethene
Concen: 10.285 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	299.2
98	64.6	0.0	128.6



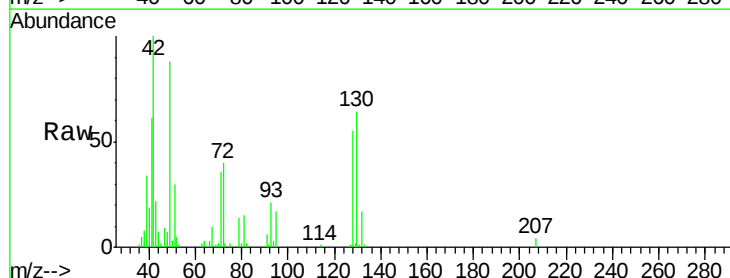
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



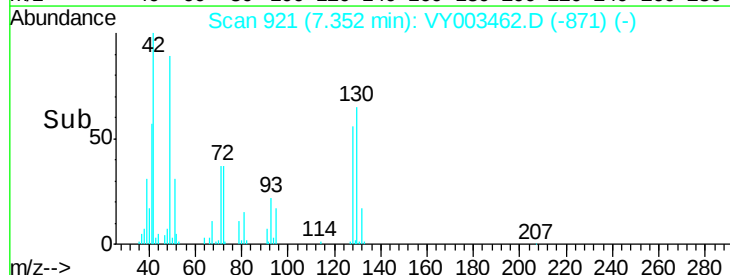
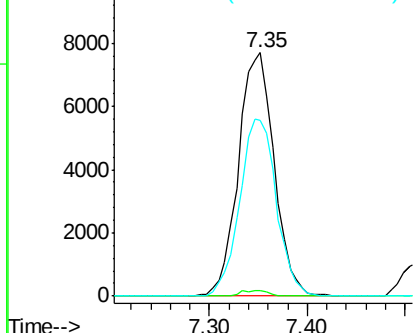
#28

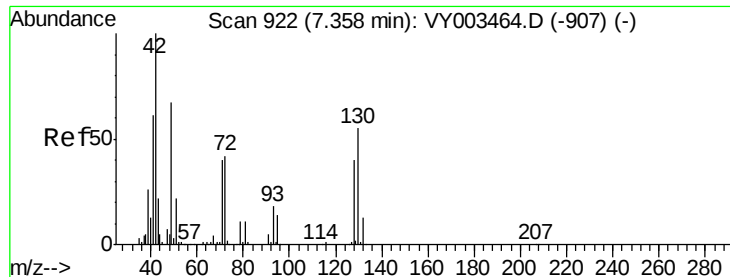
Bromochloromethane
Concen: 10.093 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	74.5	60.0	90.0



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 52.439 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

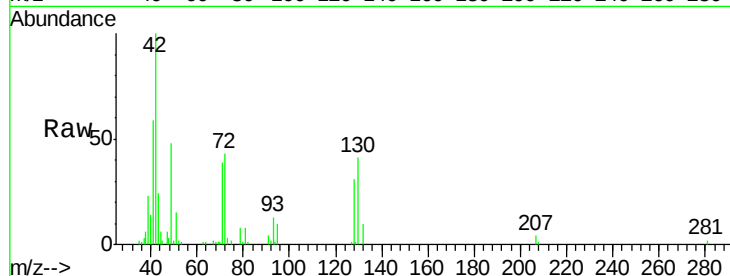
Tot Ion: 42 Resp: 26169

Ion Ratio Lower Upper

42 100

72 40.8 32.8 49.2

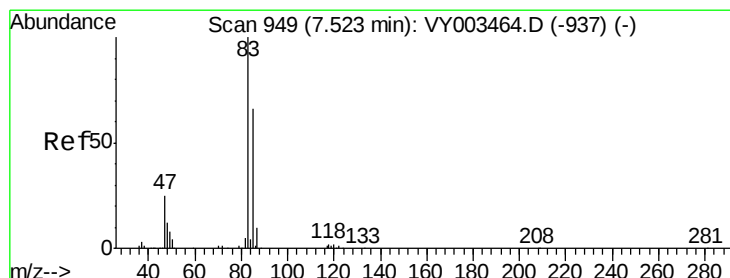
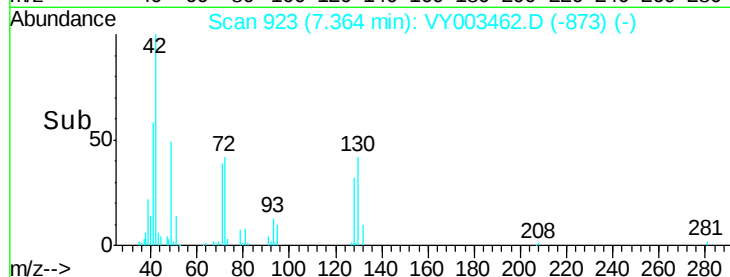
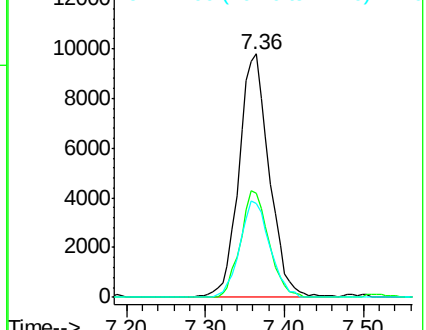
71 39.1 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 10.192 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.00 min

Lab File: VY003462.D

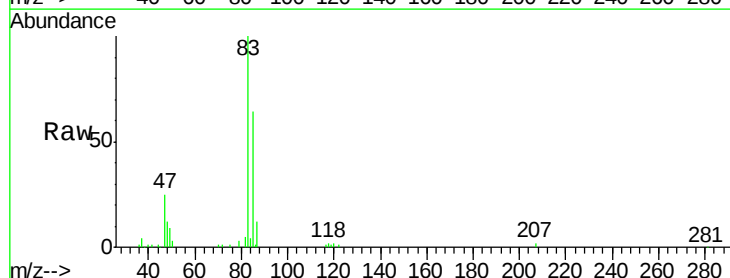
Acq: 02 Nov 2020 10:33

Tgt Ion: 83 Resp: 40550

Ion Ratio Lower Upper

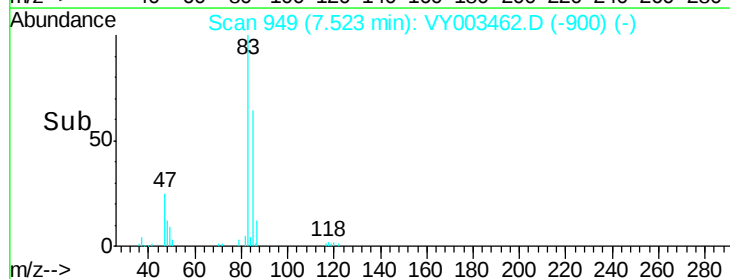
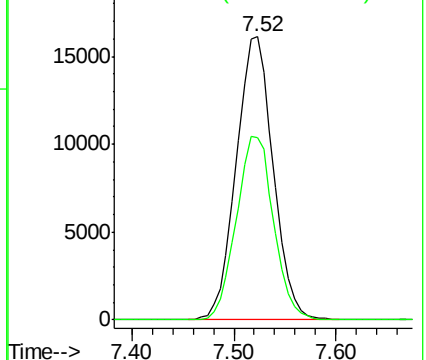
83 100

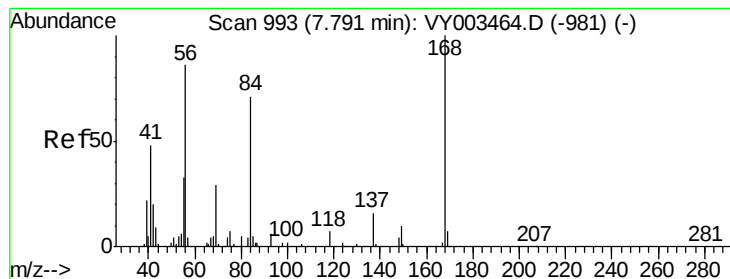
85 64.3 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 11.366 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

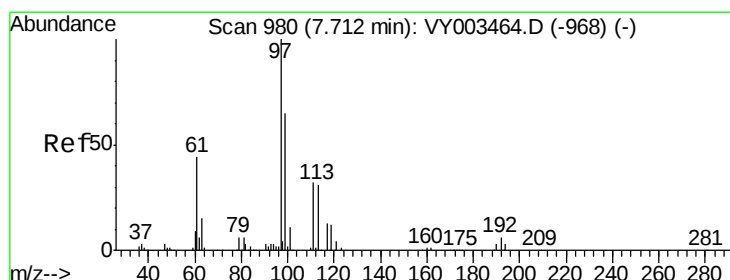
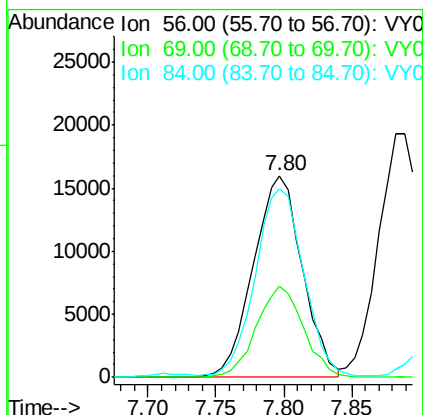
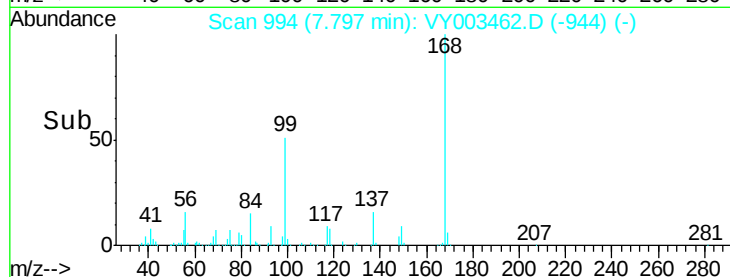
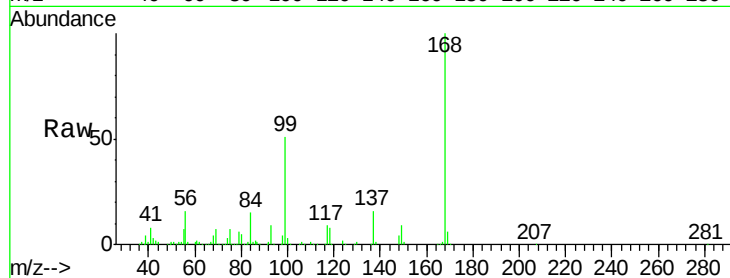
Tot Ion: 56 Resp: 40184

Ion Ratio Lower Upper

56 100

69 45.5 26.6 39.8#

84 91.8 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 10.401 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

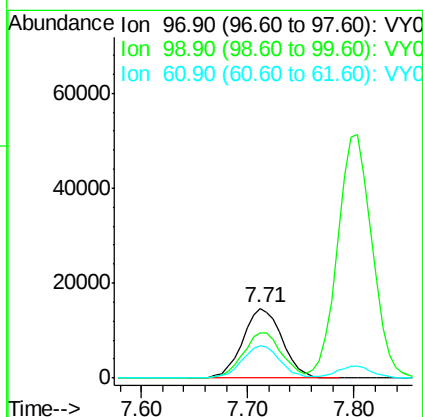
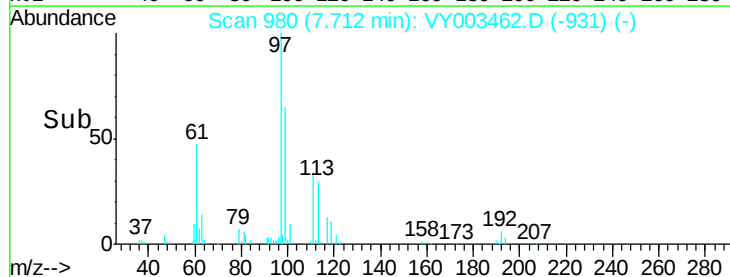
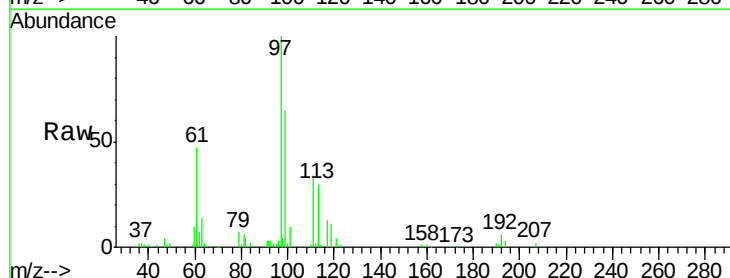
Tgt Ion: 97 Resp: 38055

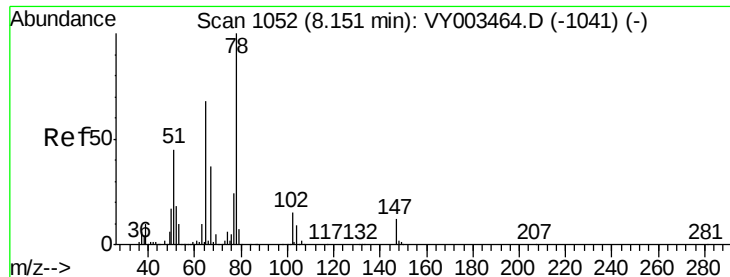
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 45.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 10.784 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

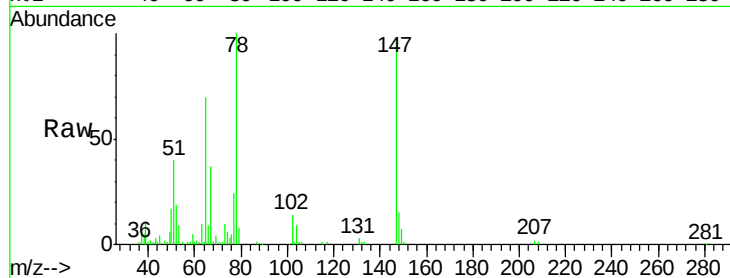
VSTDIC010

Tot Ion: 65 Resp: 25880

Ion Ratio Lower Upper

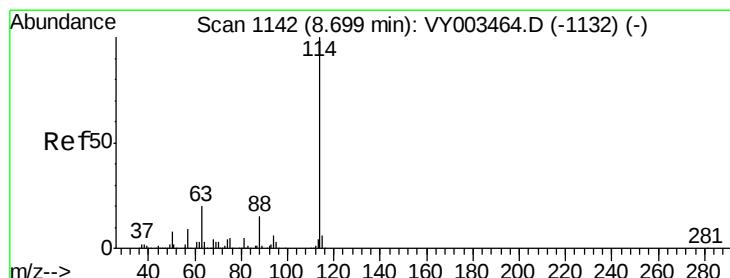
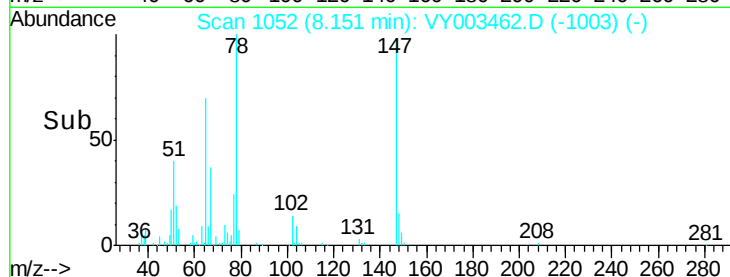
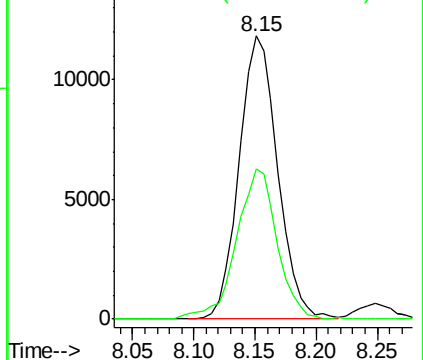
65 100

67 55.5 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

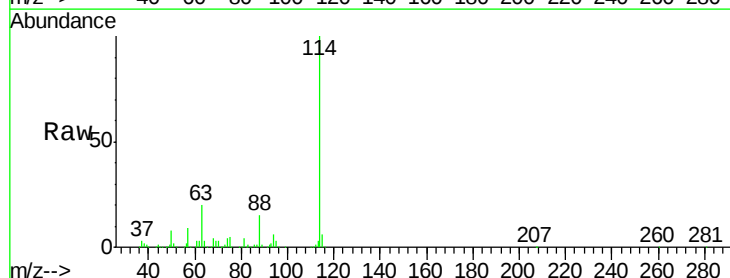
Tgt Ion: 114 Resp: 340134

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

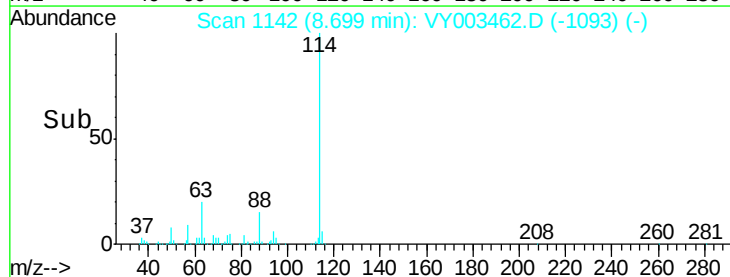
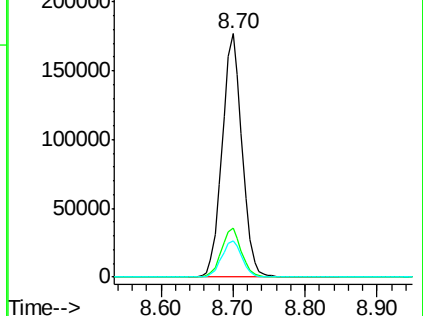
88 15.1 0.0 29.4

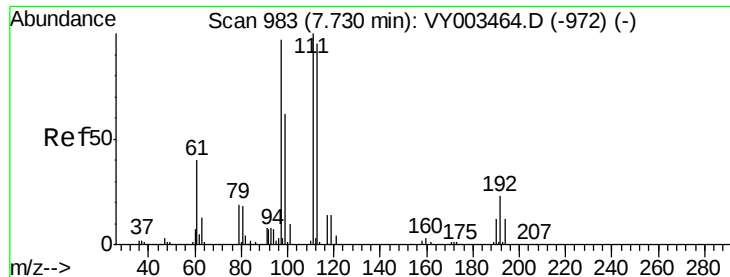


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 10.316 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

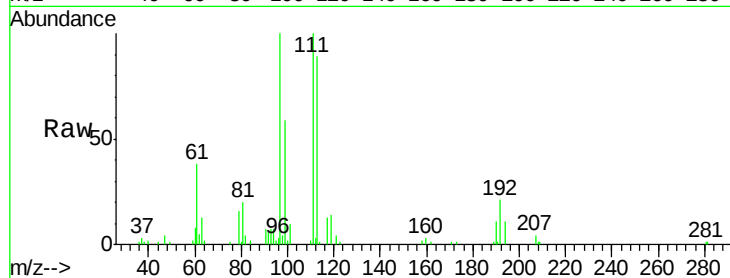
Tot Ion:113 Resp: 20982

Ion Ratio Lower Upper

113 100

111 107.0 81.8 122.6

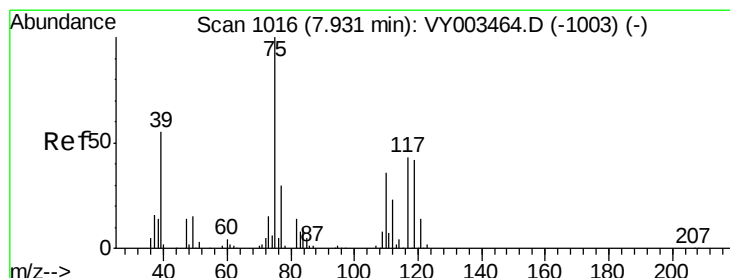
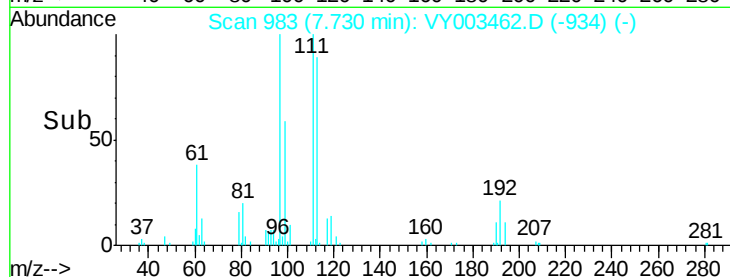
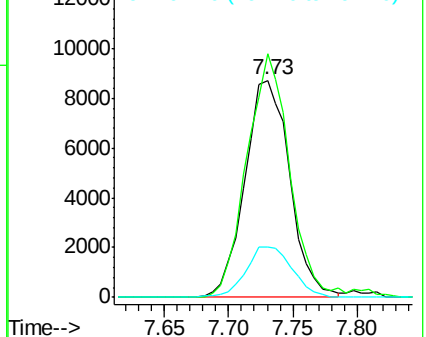
192 24.1 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 10.343 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

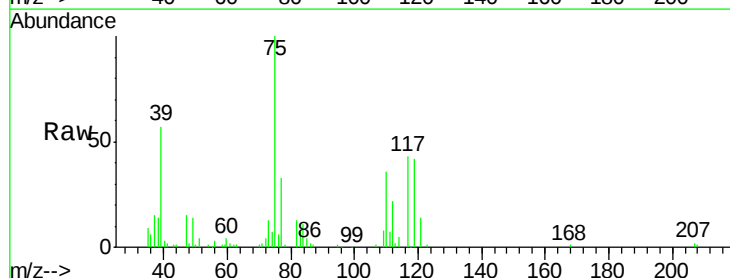
Tgt Ion: 75 Resp: 33098

Ion Ratio Lower Upper

75 100

110 36.6 17.6 52.9

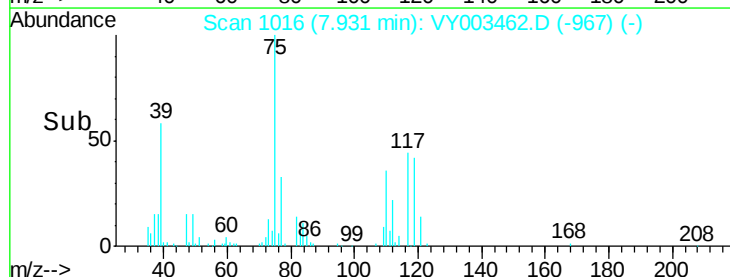
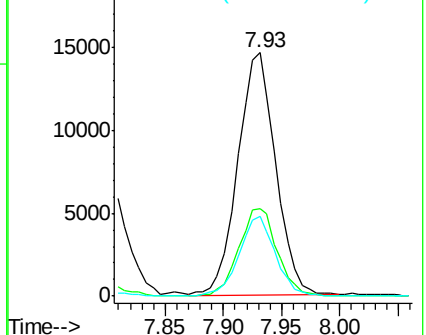
77 31.7 24.7 37.1

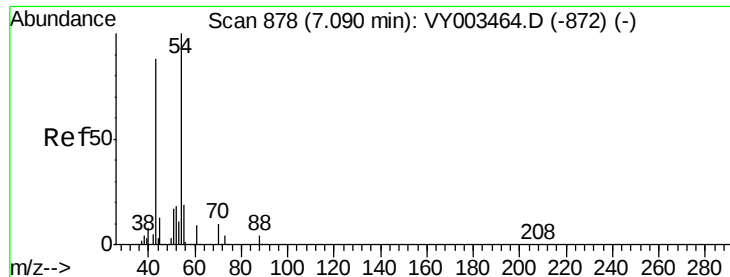


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

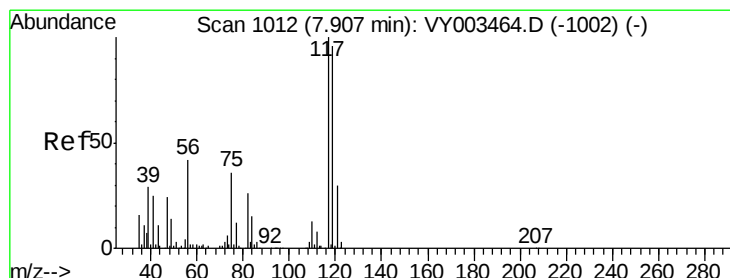
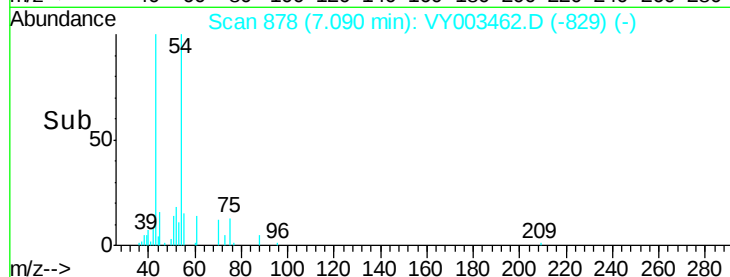
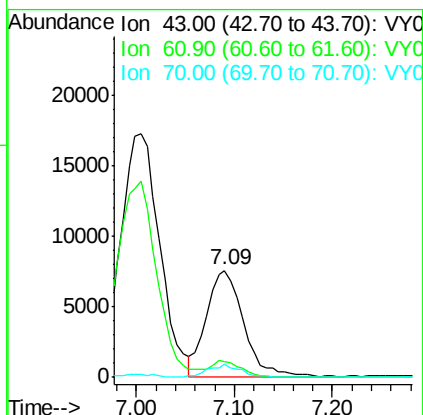
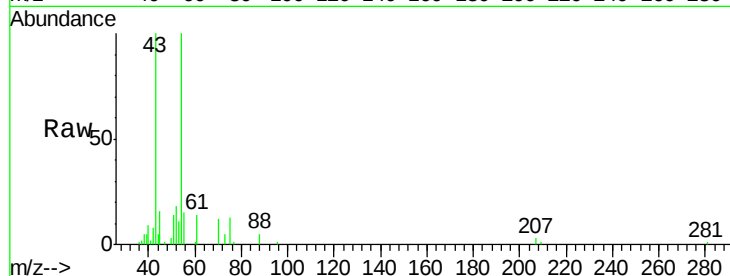




#37
Ethyl Acetate
Concen: 10.729 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

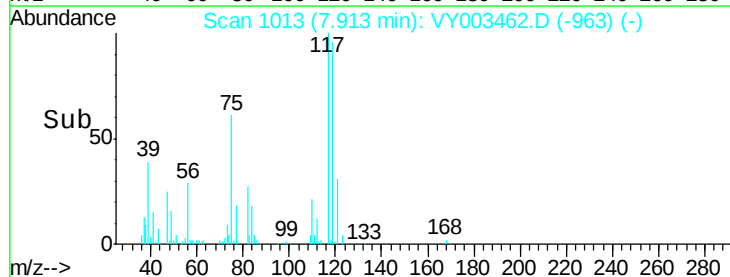
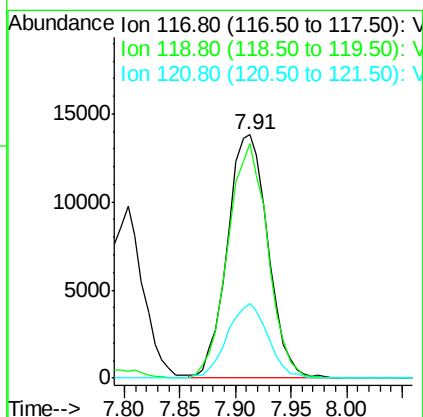
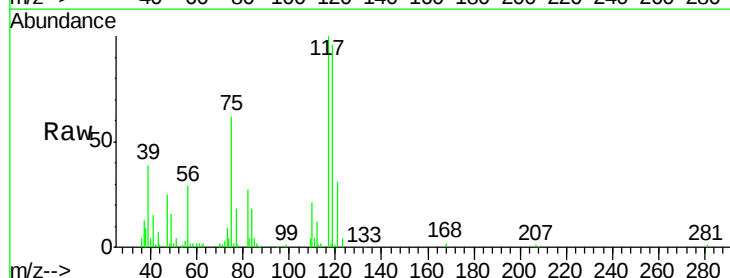
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

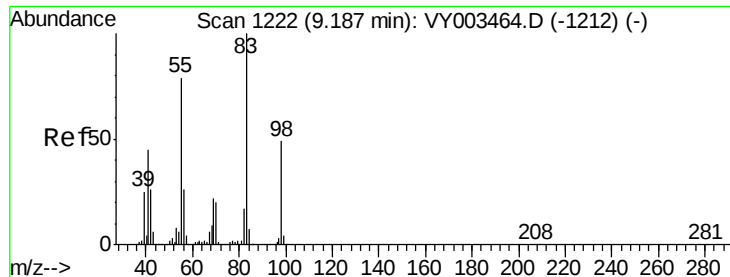
Tot Ion: 43 Resp: 20291
Ion Ratio Lower Upper
43 100
61 12.5 11.0 16.6
70 10.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 10.459 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion: 117 Resp: 34992
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.4
121 30.7 24.2 36.4

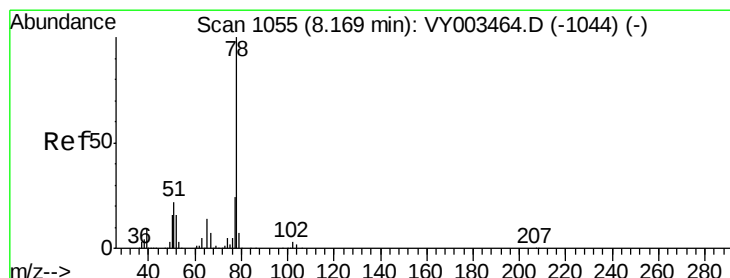
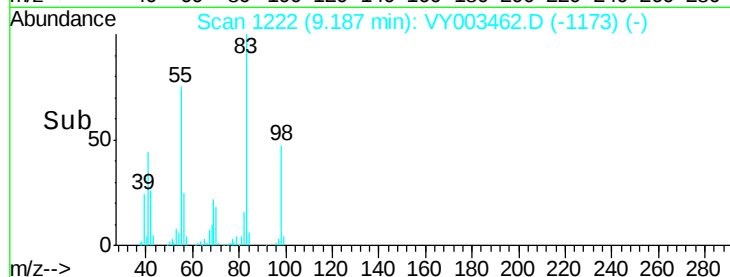
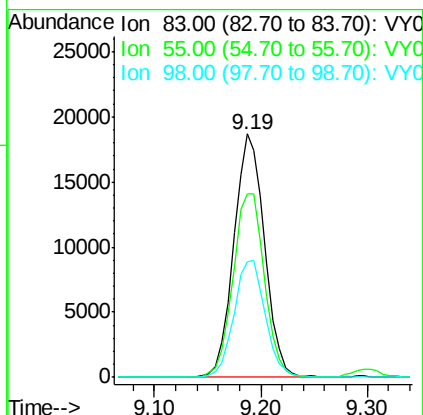
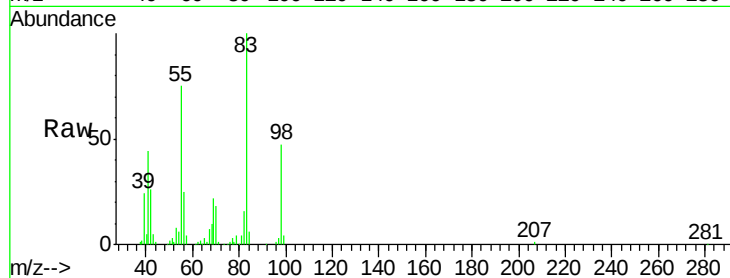




#39
Methvlcvclohexane
Concen: 10.710 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

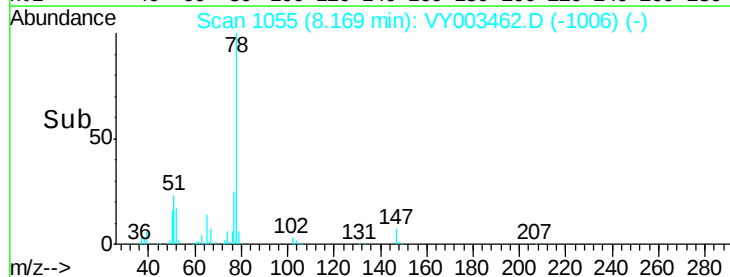
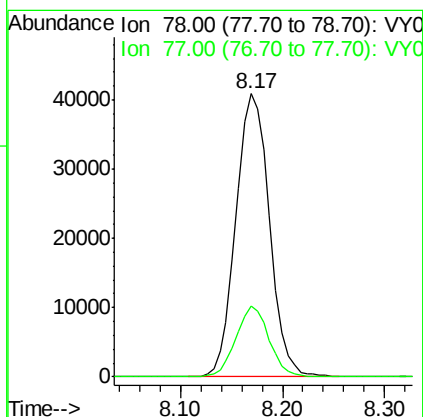
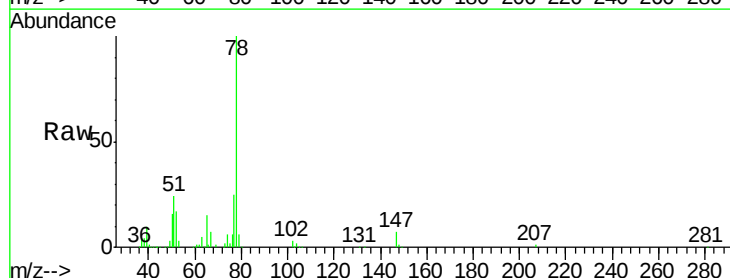
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

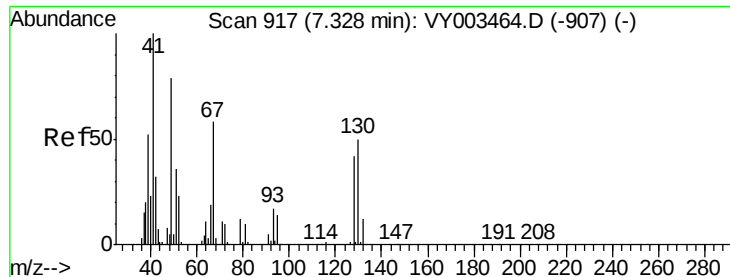
Tot Ion: 83 Resp: 37777
Ion Ratio Lower Upper
83 100
55 75.2 63.5 95.3
98 47.4 39.4 59.2



#40
Benzene
Concen: 10.349 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion: 78 Resp: 93550
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0





#41

Methacrylonitrile

Concen: 10.322 ug/l

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 9930

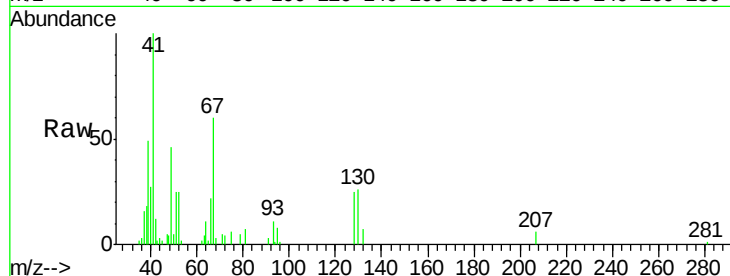
Ion Ratio Lower Upper

41 100

39 51.1 0.0 0.0#

67 76.2 0.0 0.0#

52 32.0 0.0 0.0#

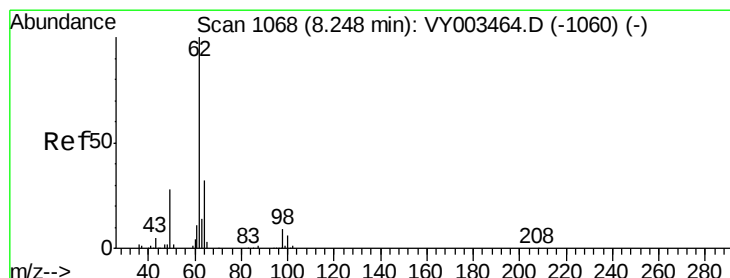
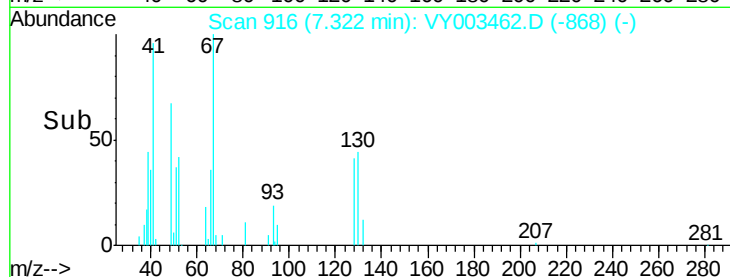
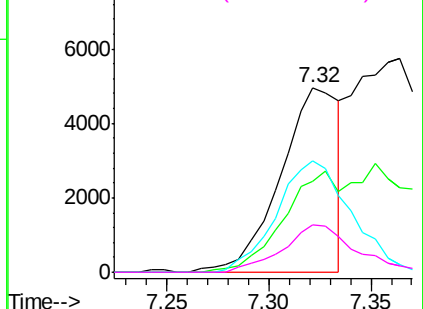


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 10.052 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY003462.D

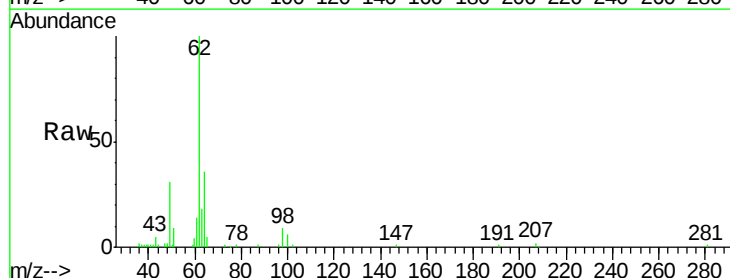
Acq: 02 Nov 2020 10:33

Tgt Ion: 62 Resp: 28834

Ion Ratio Lower Upper

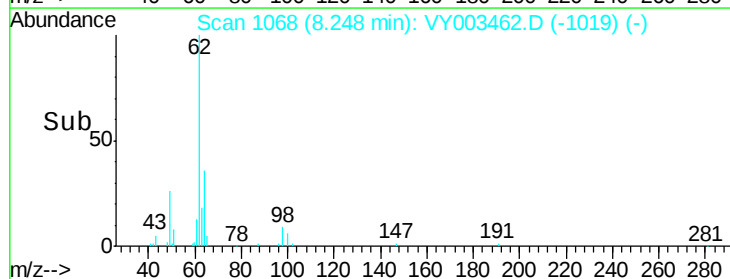
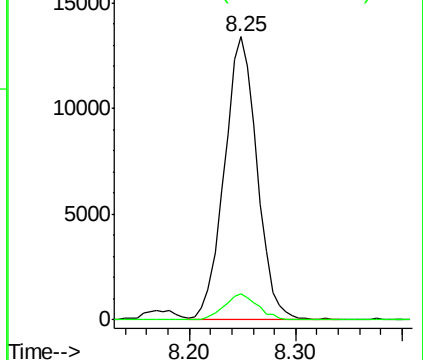
62 100

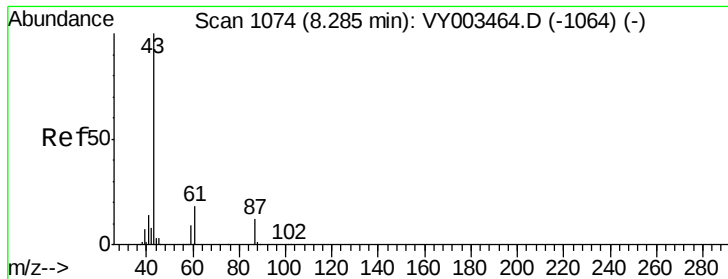
98 9.2 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 10.153 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

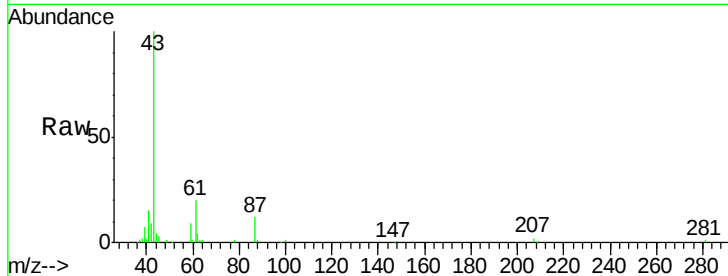
Tot Ion: 43 Resp: 35783

Ion Ratio Lower Upper

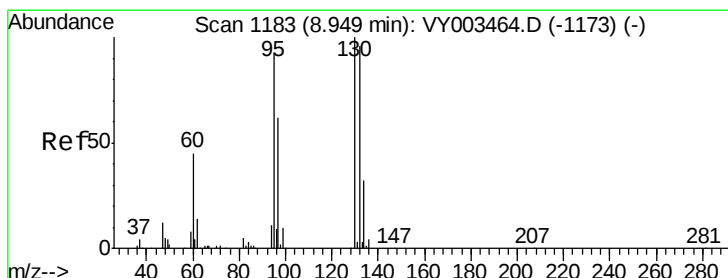
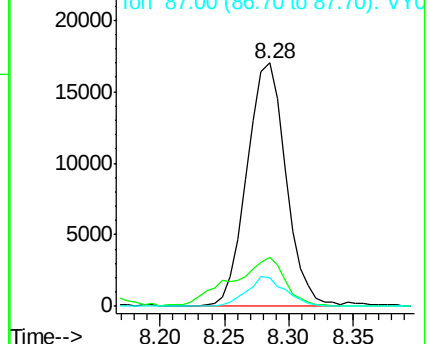
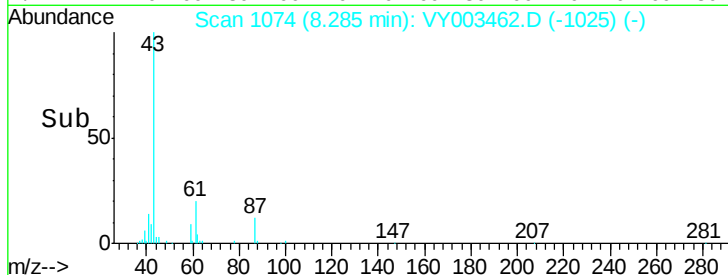
43 100

61 27.7 21.9 32.9

87 12.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003462.D (-1025) (-)



#44

Trichloroethene

Concen: 10.062 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003462.D

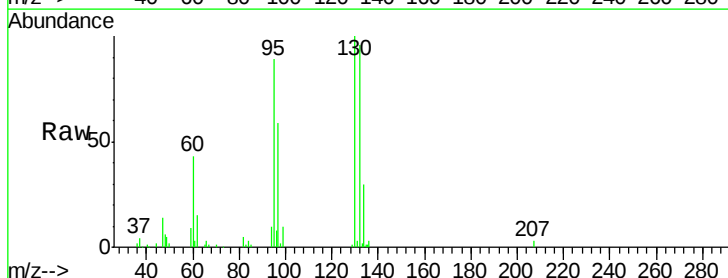
Acq: 02 Nov 2020 10:33

Tgt Ion: 130 Resp: 26614

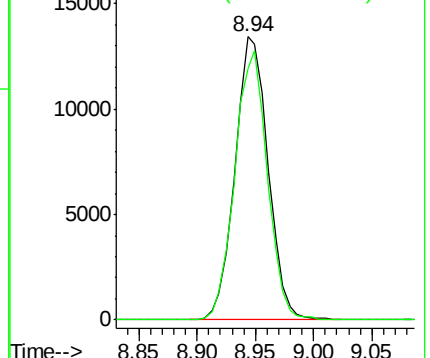
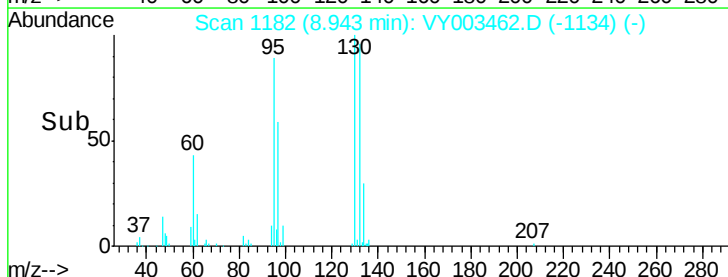
Ion Ratio Lower Upper

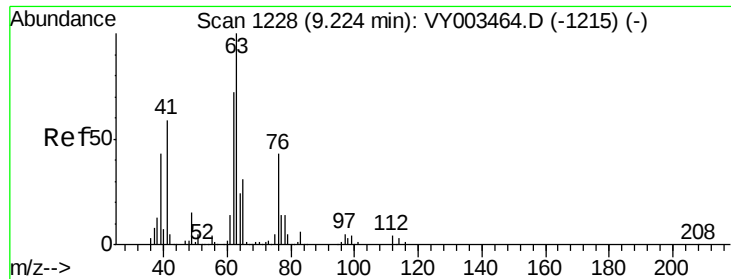
130 100

95 88.9 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003462.D (-1134) (-)





#45

1,2-Dichloropropane

Concen: 10.373 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

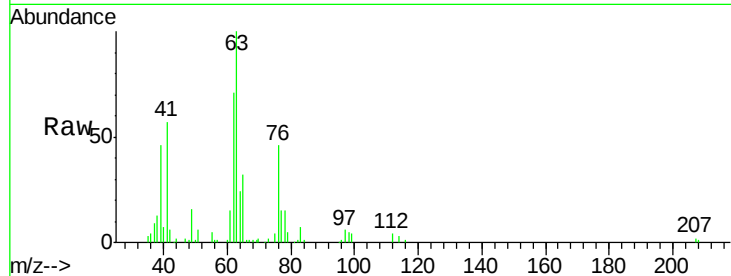
VSTDIC010

Tot Ion: 63 Resp: 23830

Ion Ratio Lower Upper

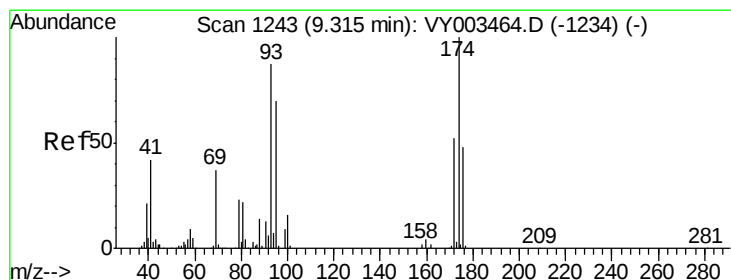
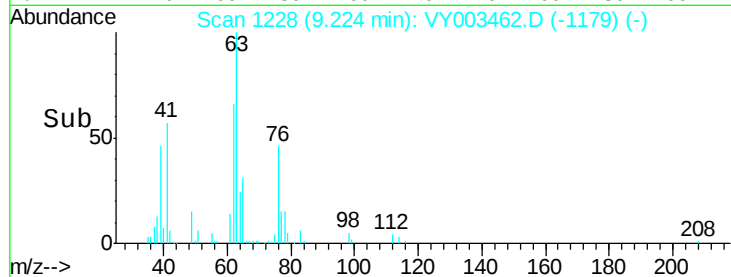
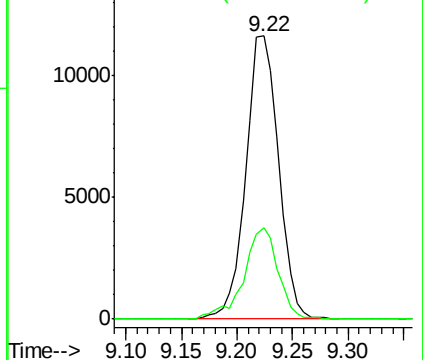
63 100

65 32.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 9.834 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

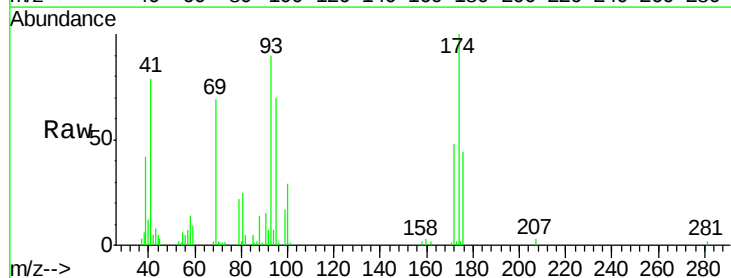
Tgt Ion: 93 Resp: 12750

Ion Ratio Lower Upper

93 100

95 83.6 65.0 97.6

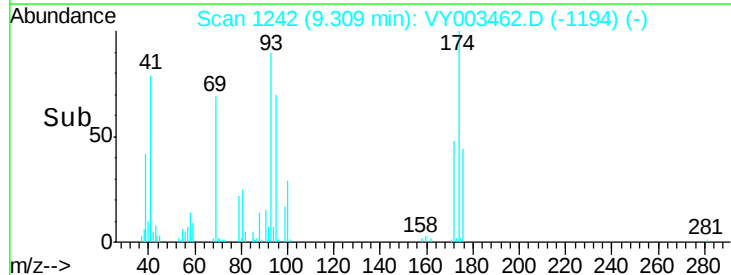
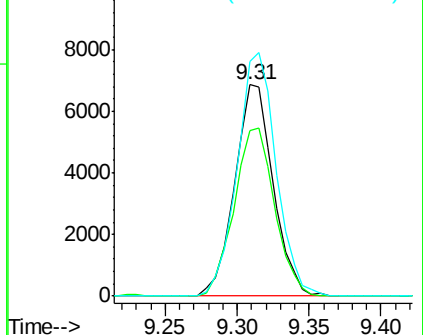
174 116.3 91.8 137.6

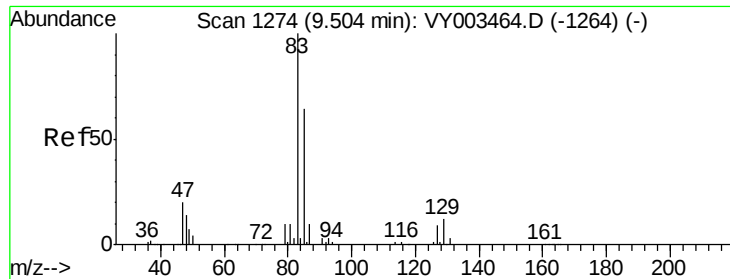


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 9.980 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

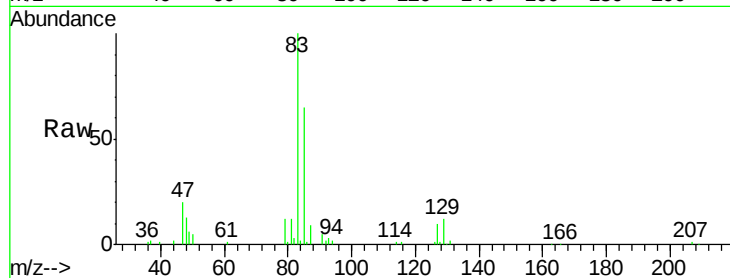
Tot Ion: 83 Resp: 31755

Ion Ratio Lower Upper

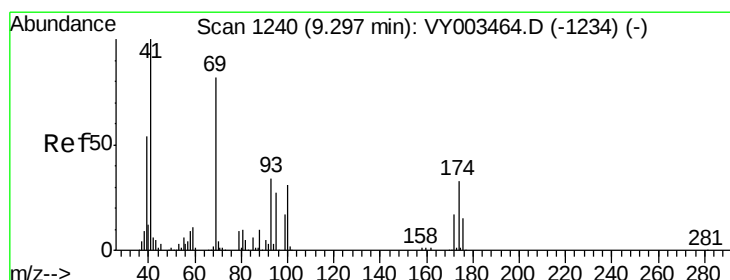
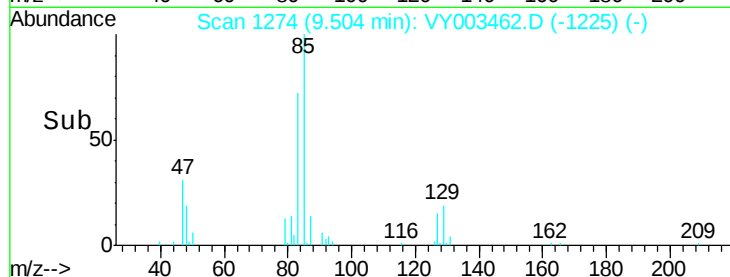
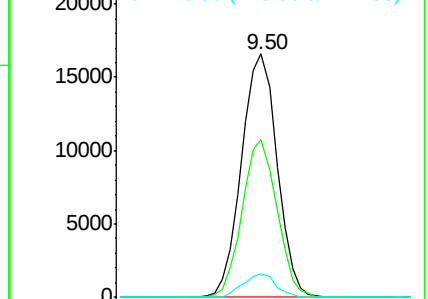
83 100

85 65.1 51.0 76.6

127 9.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 9.941 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

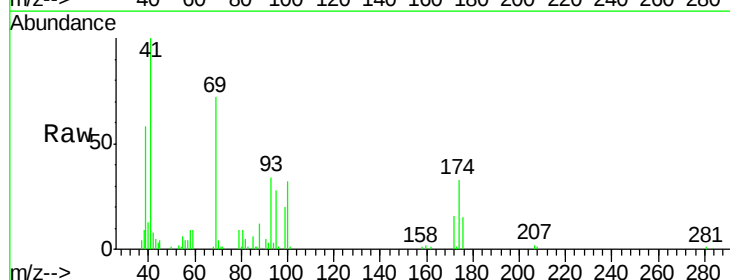
Tgt Ion: 41 Resp: 16582

Ion Ratio Lower Upper

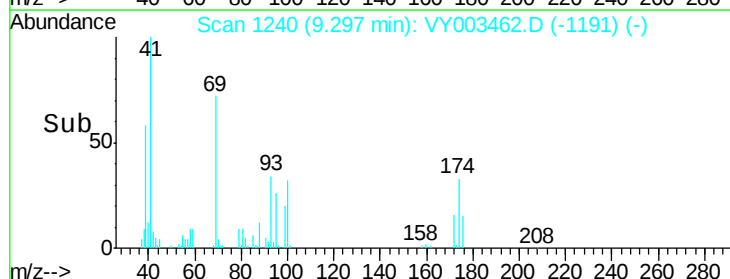
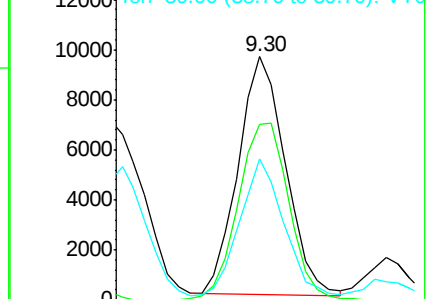
41 100

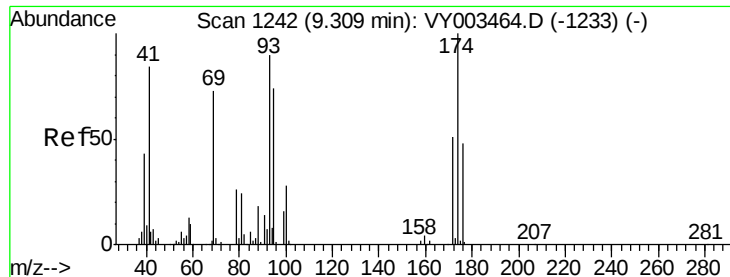
69 79.6 65.9 98.9

39 53.9 43.2 64.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 198.832 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

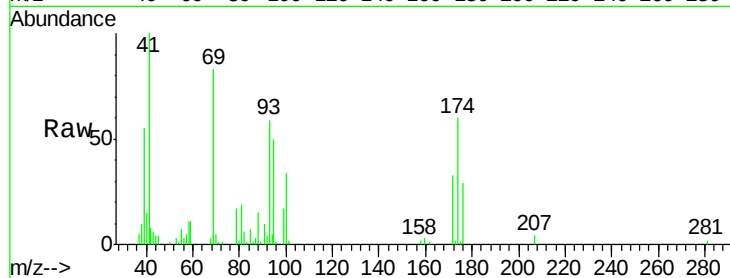
Tot Ion: 88 Resp: 3071

Ion Ratio Lower Upper

88 100

43 36.6 27.6 41.4

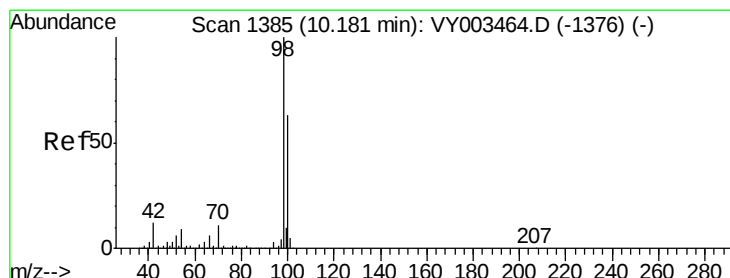
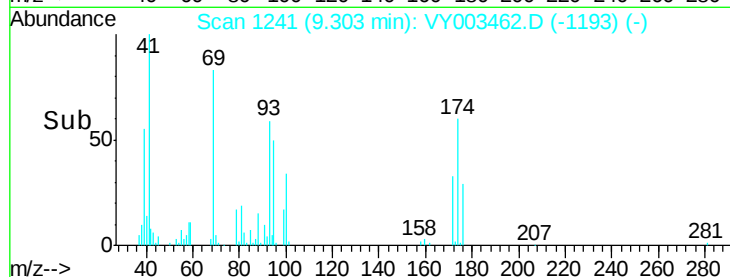
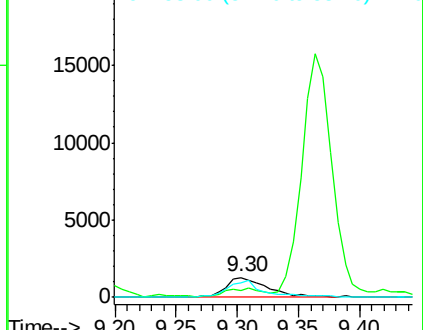
58 67.8 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 10.415 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003462.D

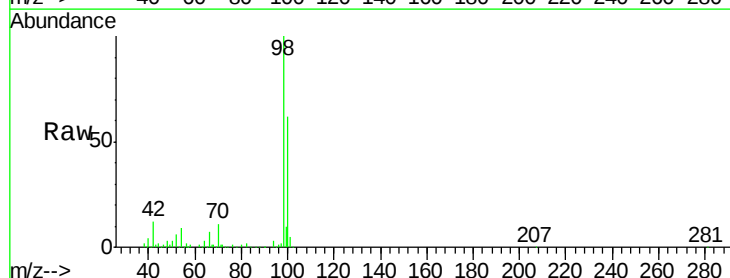
Acq: 02 Nov 2020 10:33

Tgt Ion: 98 Resp: 88576

Ion Ratio Lower Upper

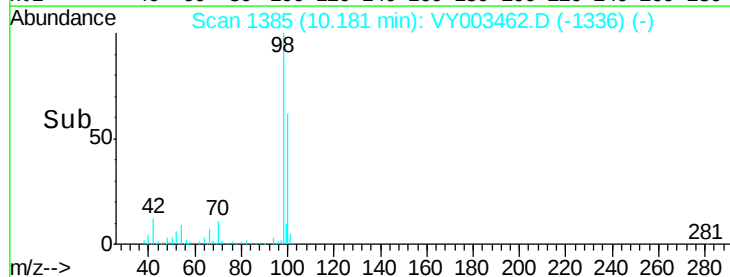
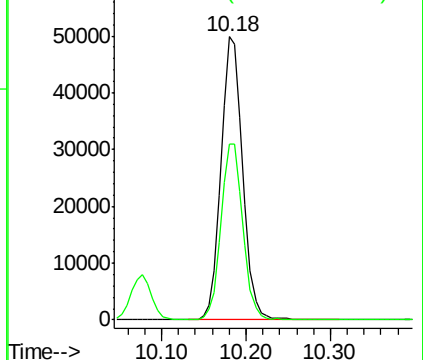
98 100

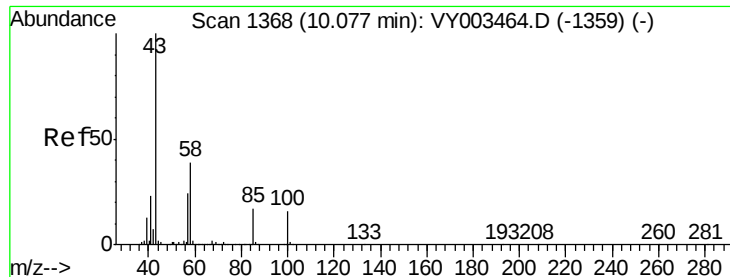
100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 50.381 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

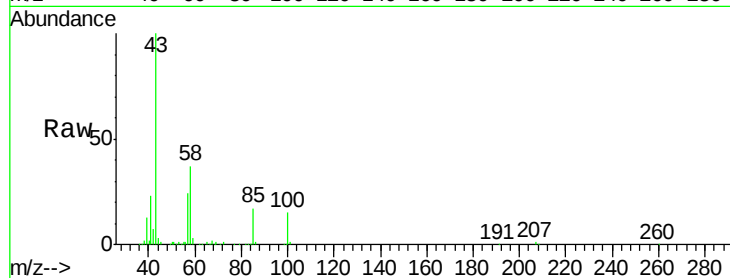
VSTDIC010

Tot Ion: 43 Resp: 94498

Ion Ratio Lower Upper

43 100

58 37.6 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

60000

50000

40000

30000

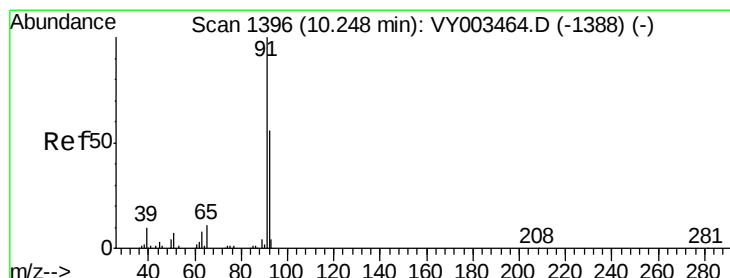
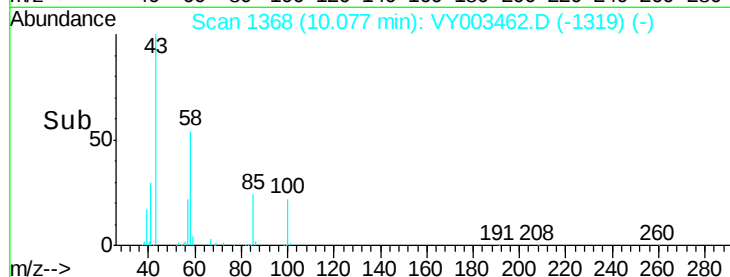
20000

10000

0

Time-->

10.00 10.10 10.20



#52

Toluene

Concen: 9.988 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY003462.D

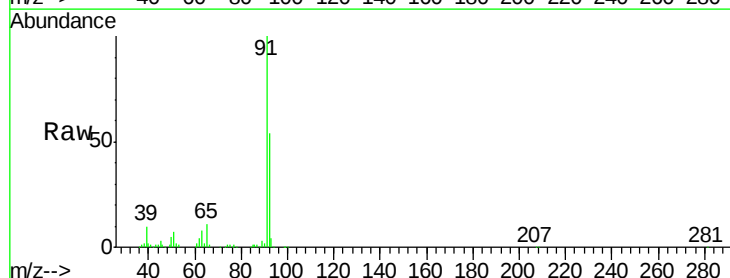
Acq: 02 Nov 2020 10:33

Tgt Ion: 92 Resp: 57912

Ion Ratio Lower Upper

92 100

91 176.9 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

60000

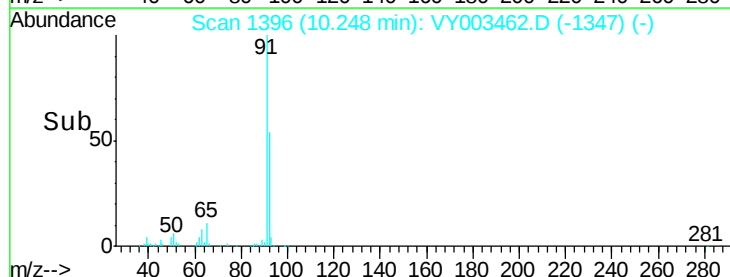
40000

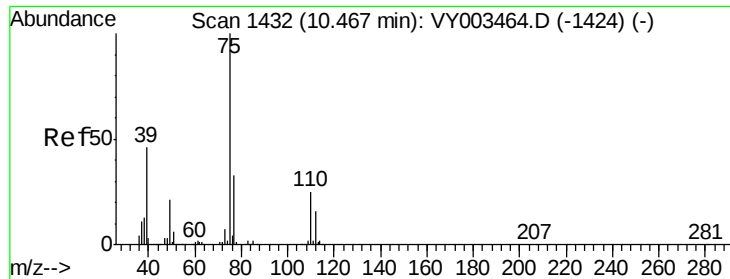
20000

0

Time-->

10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 9.604 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

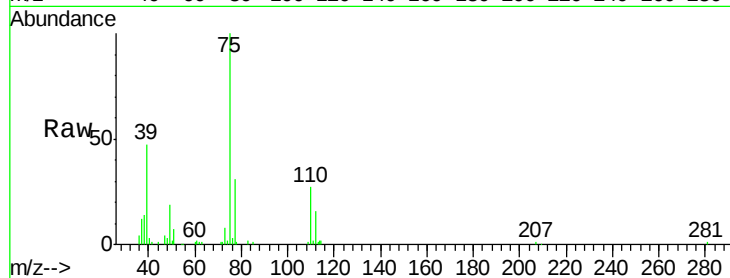
VSTDIC010

Tot Ion: 75 Resp: 32487

Ion Ratio Lower Upper

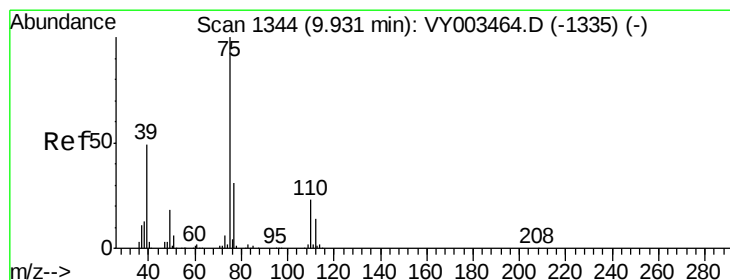
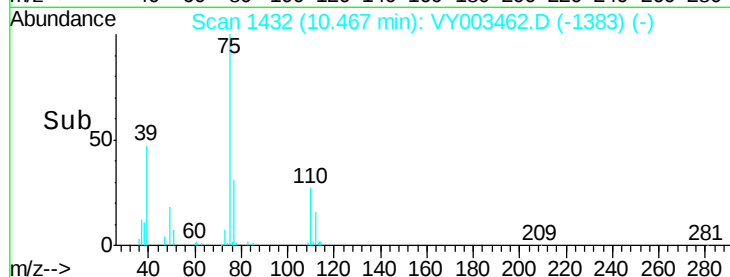
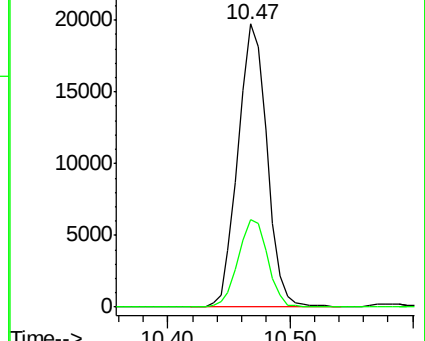
75 100

77 31.0 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 9.998 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

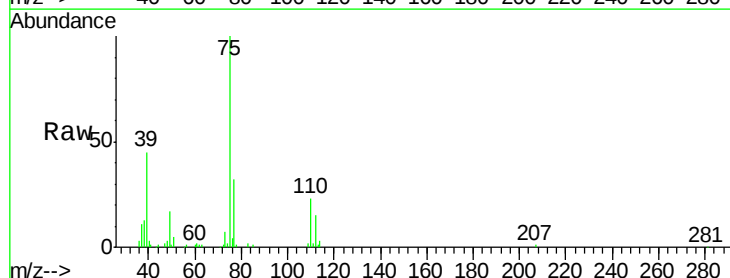
Tgt Ion: 75 Resp: 37849

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7

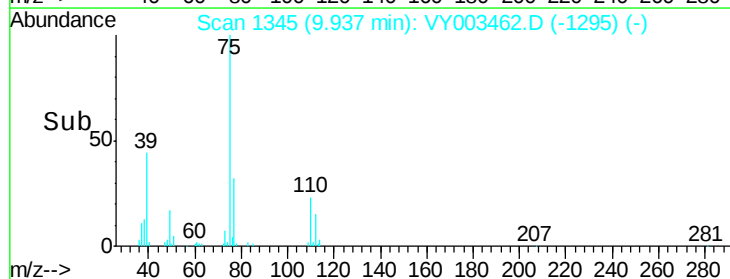
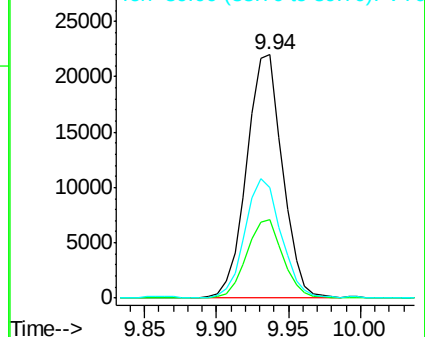
39 45.2 39.0 58.4

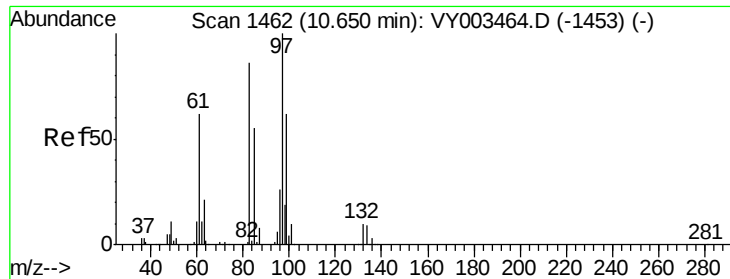


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 9.824 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 97 Resp: 18167

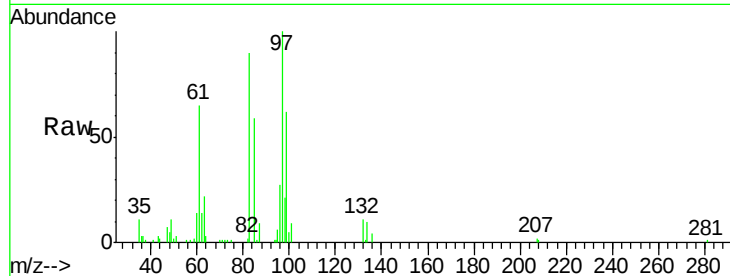
Ion Ratio Lower Upper

97 100

83 90.2 68.6 102.8

85 59.4 43.8 65.6

99 61.7 49.9 74.9

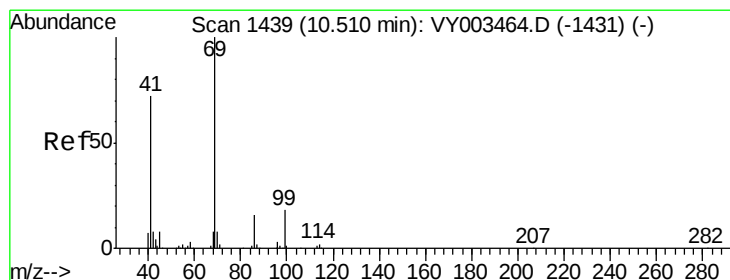
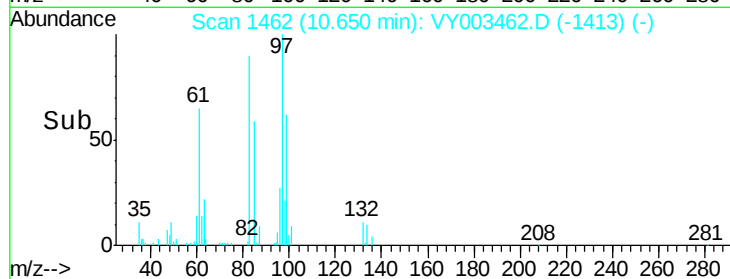
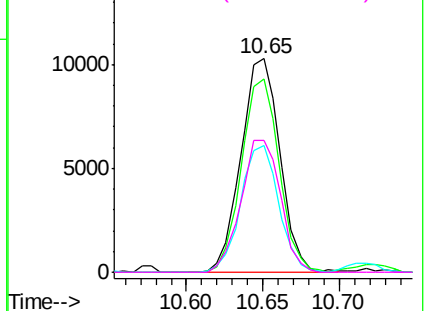


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 9.115 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

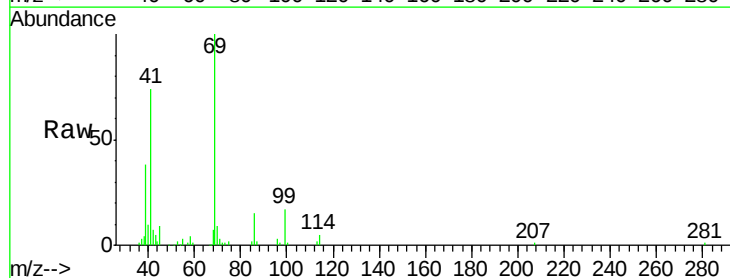
Tgt Ion: 69 Resp: 22636

Ion Ratio Lower Upper

69 100

41 69.3 55.4 83.2

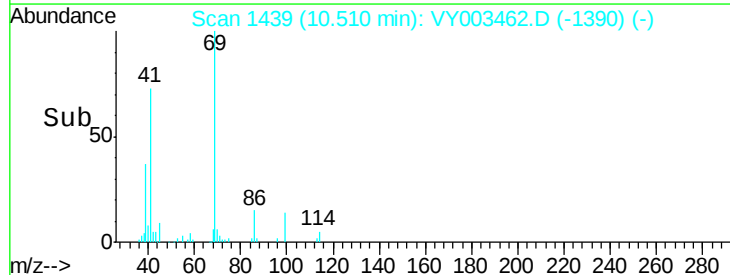
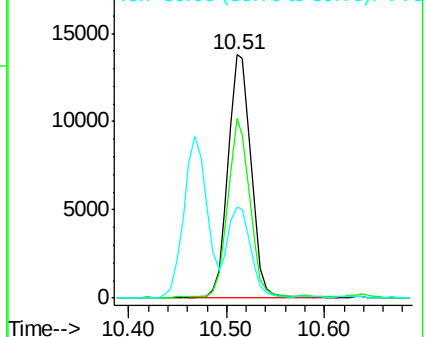
39 37.9 28.7 43.1

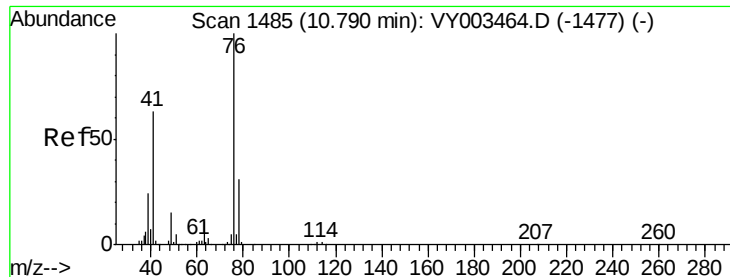


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 9.890 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

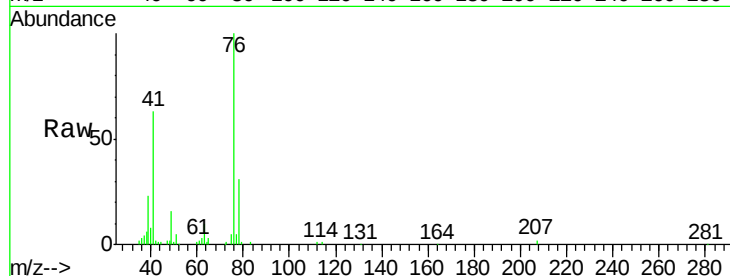
VSTDIC010

Tot Ion: 76 Resp: 31684

Ion Ratio Lower Upper

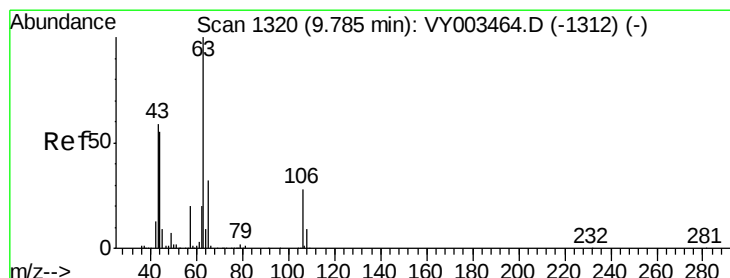
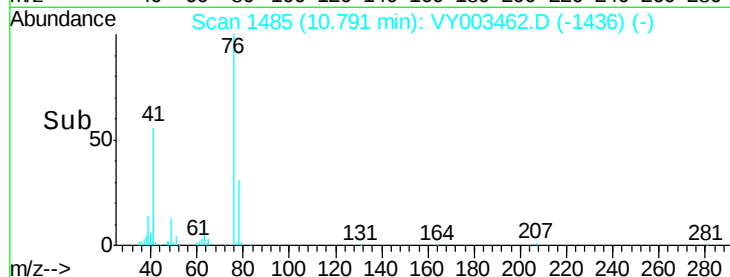
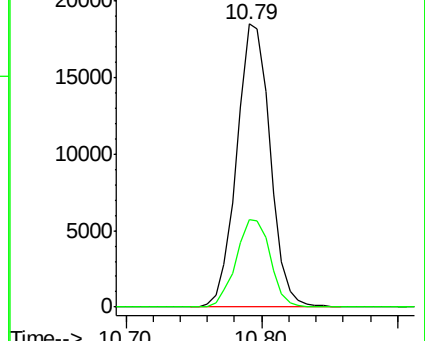
76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 43.750 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY003462.D

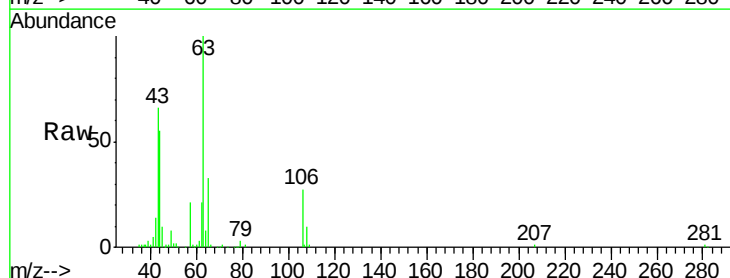
Acq: 02 Nov 2020 10:33

Tgt Ion: 63 Resp: 56508

Ion Ratio Lower Upper

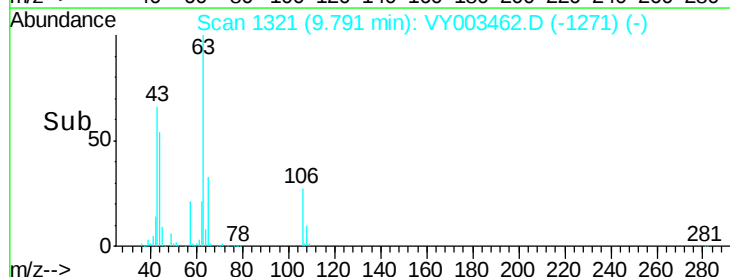
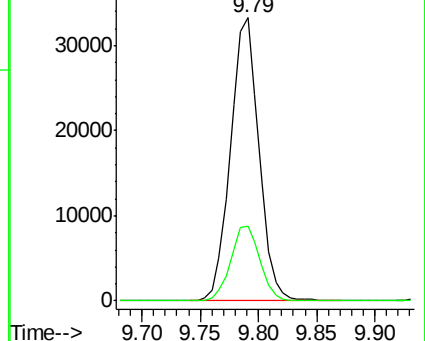
63 100

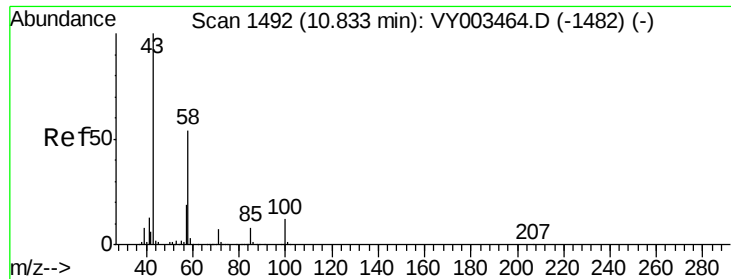
106 27.3 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

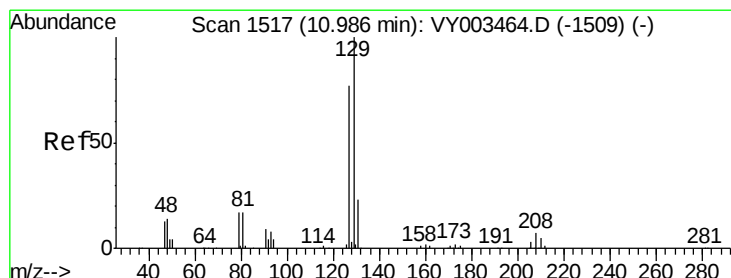
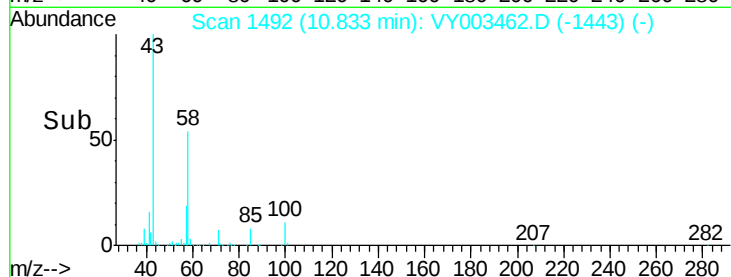
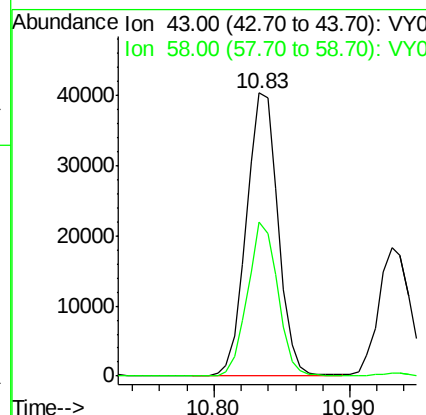
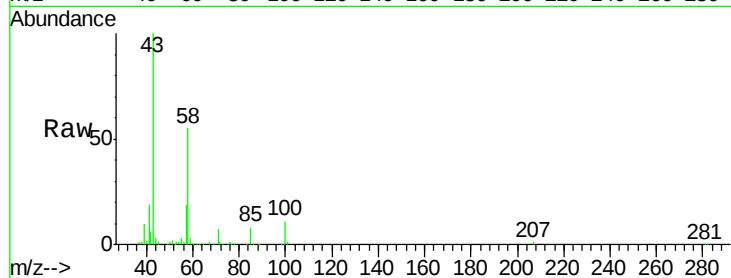




#59
2-Hexanone
Concen: 49.517 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

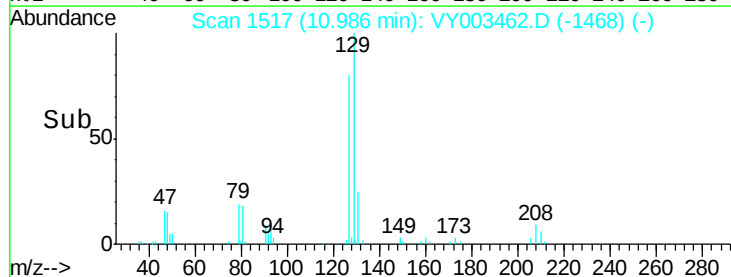
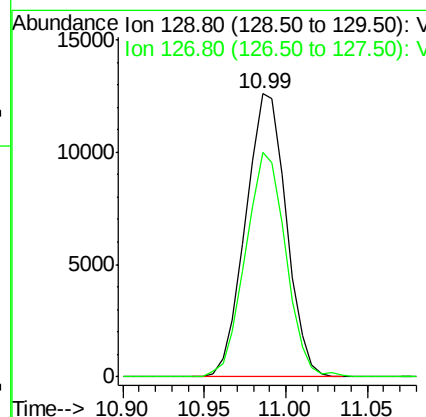
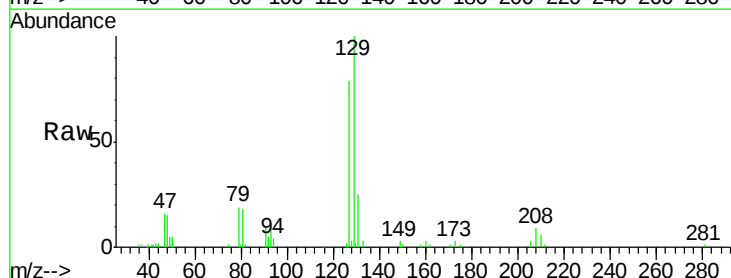
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

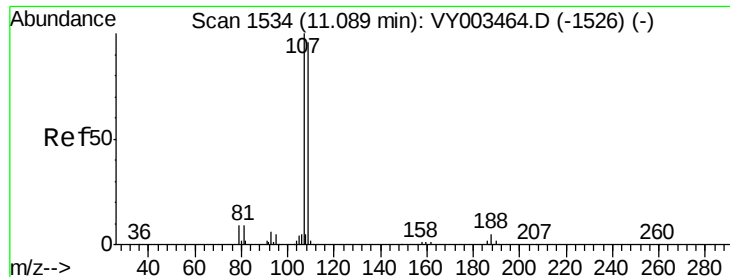
Tot Ion: 43 Resp: 66211
Ion Ratio Lower Upper
43 100
58 52.0 26.8 80.3



#60
Dibromochloromethane
Concen: 9.407 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion: 129 Resp: 21926
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.3

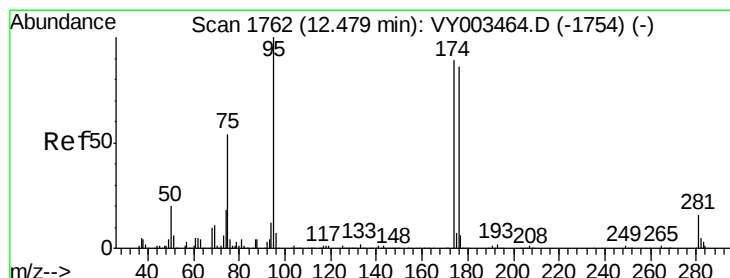
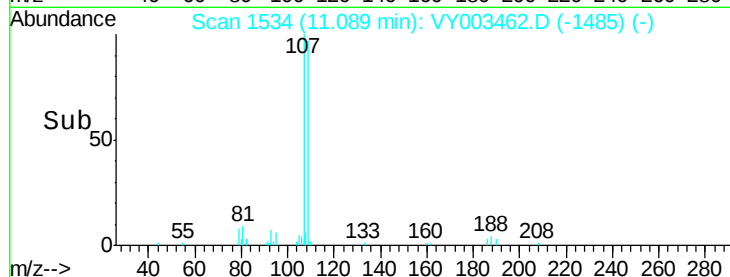
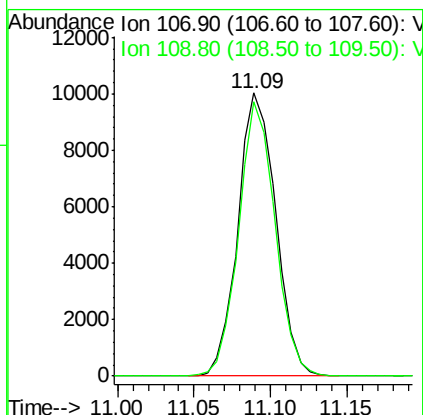
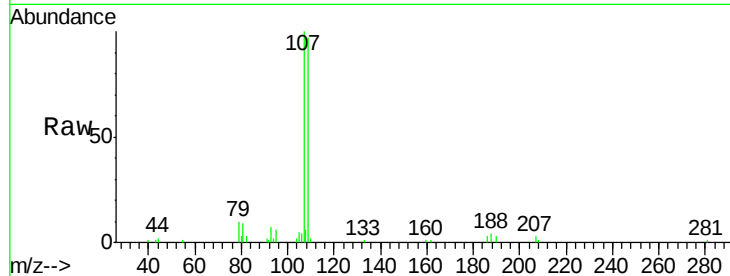




#61
1,2-Dibromoethane
Concen: 9.678 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

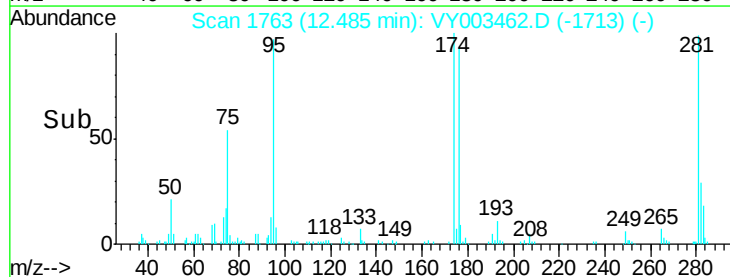
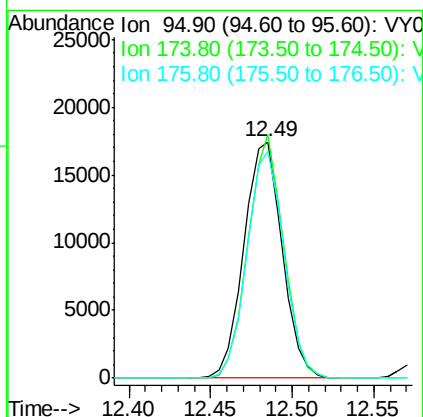
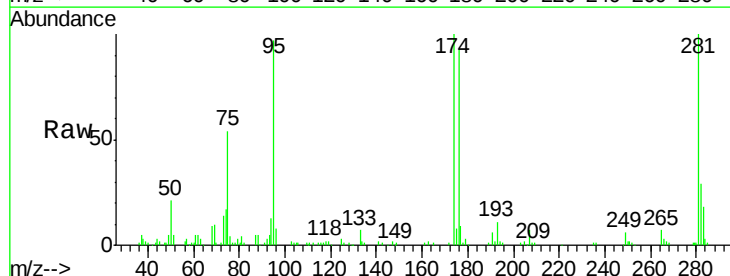
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

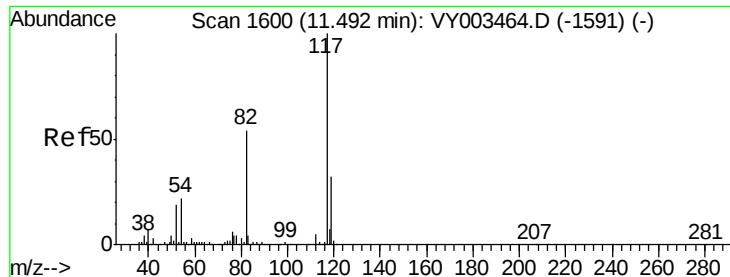
Tot Ion: 107 Resp: 17212
Ion Ratio Lower Upper
107 100
109 93.4 76.5 114.7



#62
4-Bromofluorobenzene
Concen: 9.754 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion: 95 Resp: 28430
Ion Ratio Lower Upper
95 100
174 96.0 0.0 193.0
176 93.5 0.0 187.4

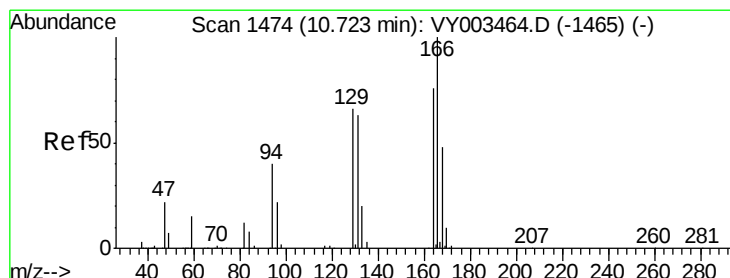
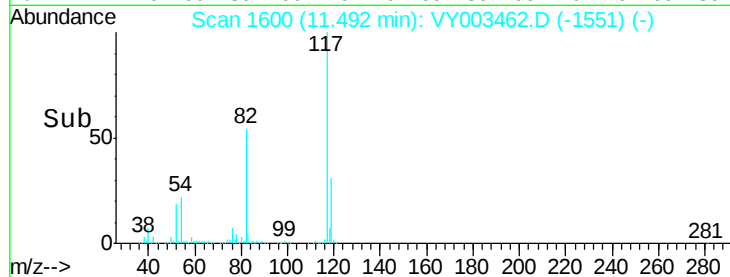
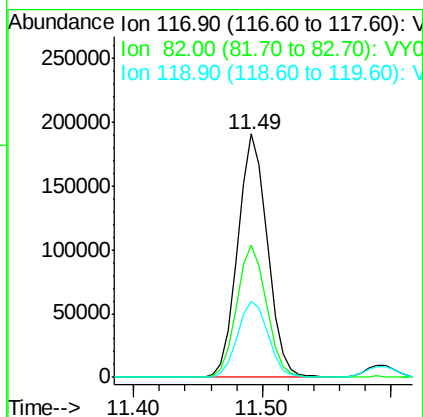
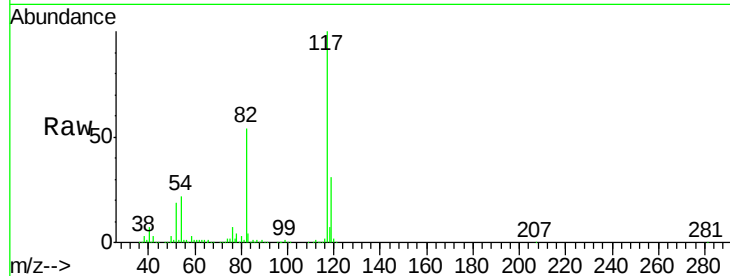




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

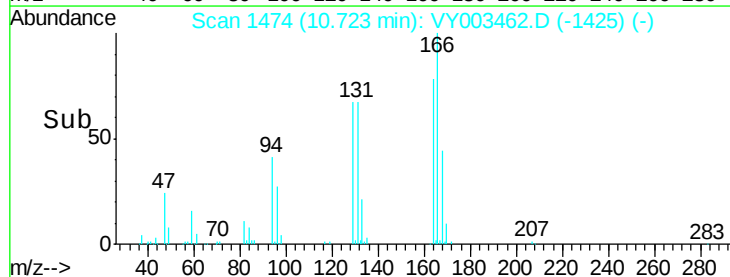
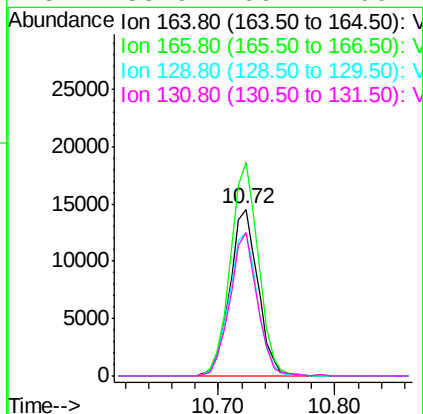
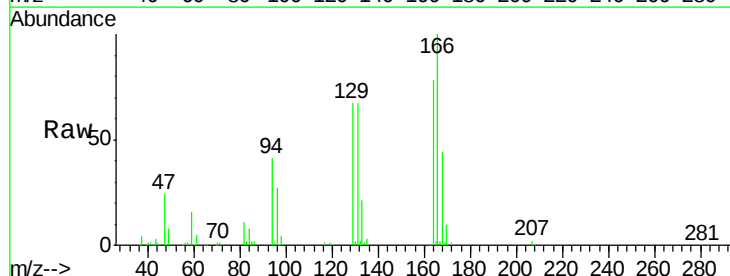
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

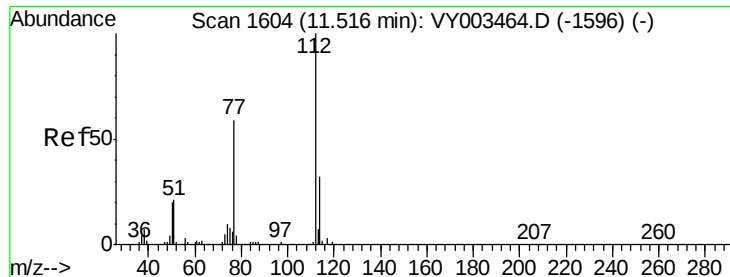
Tot Ion:117 Resp: 303956
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 31.0 25.8 38.6



#64
Tetrachloroethene
Concen: 9.195 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion:164 Resp: 24513
Ion Ratio Lower Upper
164 100
166 128.2 104.9 157.3
129 86.3 68.9 103.3
131 85.9 66.2 99.2





#65

Chlorobenzene

Concen: 10.363 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

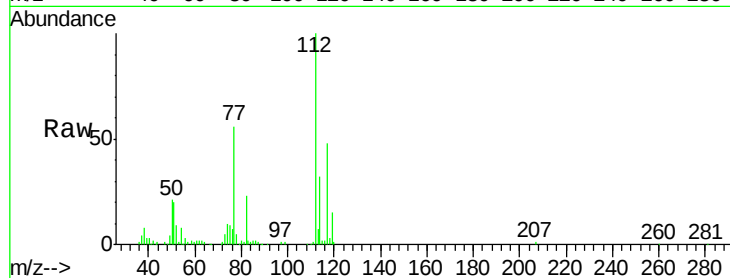
VSTDIC010

Tot Ion:112 Resp: 62767

Ion Ratio Lower Upper

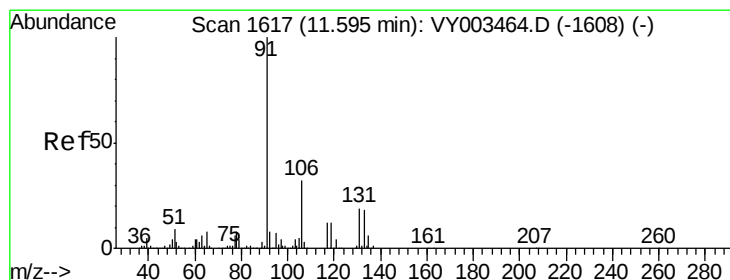
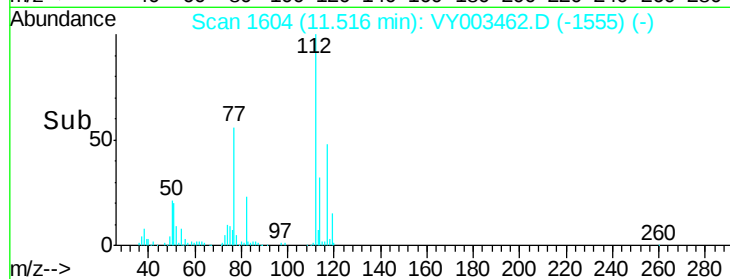
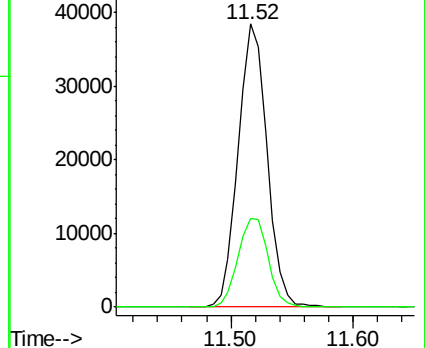
112 100

114 31.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.280 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

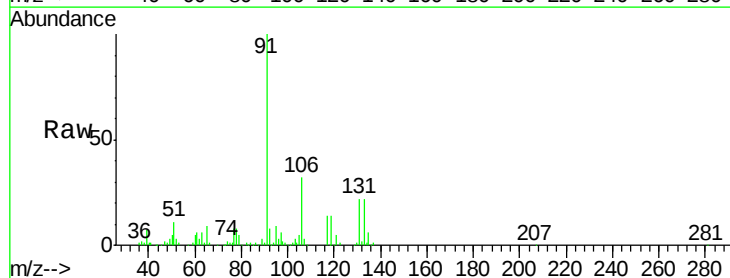
Tgt Ion:131 Resp: 23609

Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.2

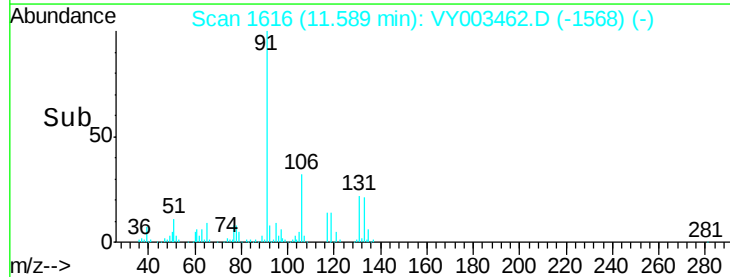
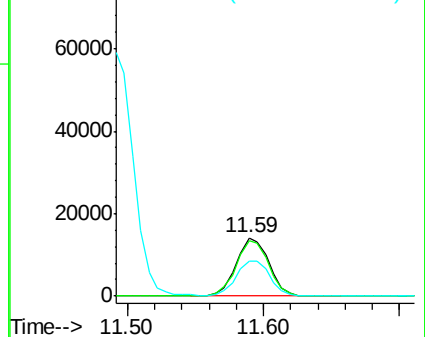
119 62.6 31.6 95.0

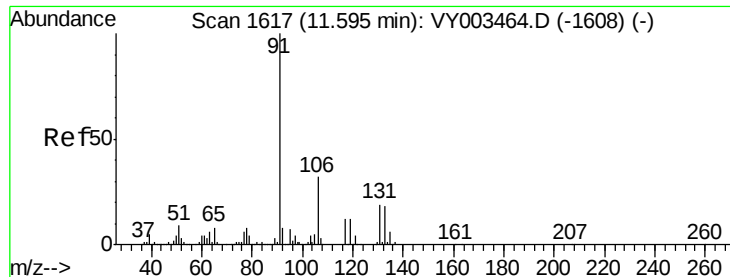


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 10.177 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

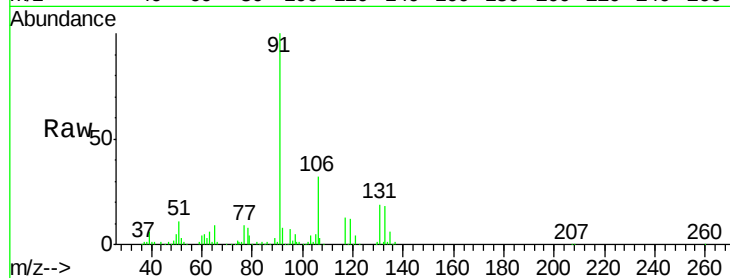
VSTDIC010

Tot Ion: 91 Resp: 110452

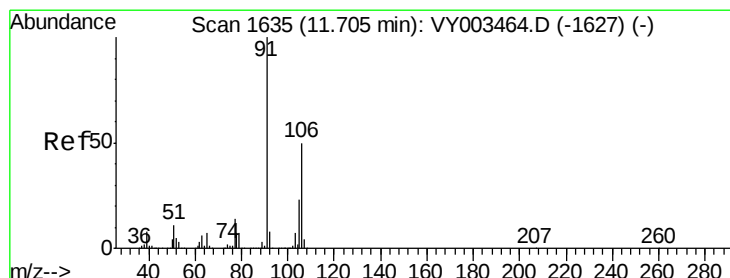
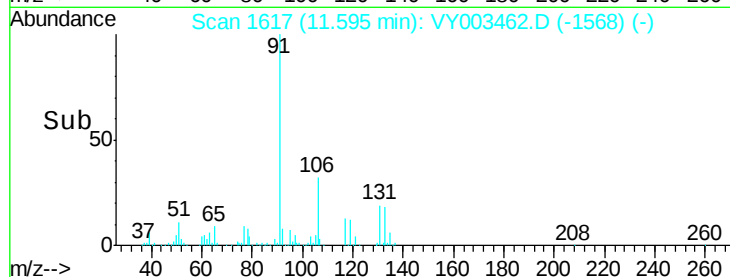
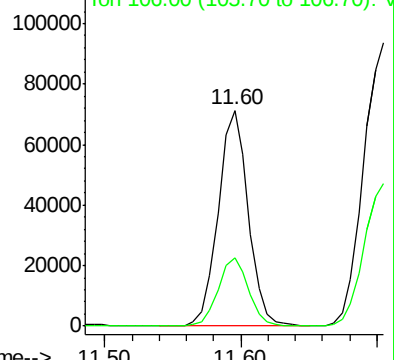
Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1608) (-)



#68

m/p-Xylenes

Concen: 20.286 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY003462.D

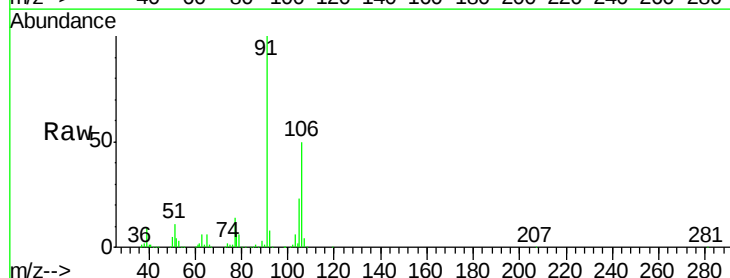
Acq: 02 Nov 2020 10:33

Tgt Ion: 106 Resp: 83977

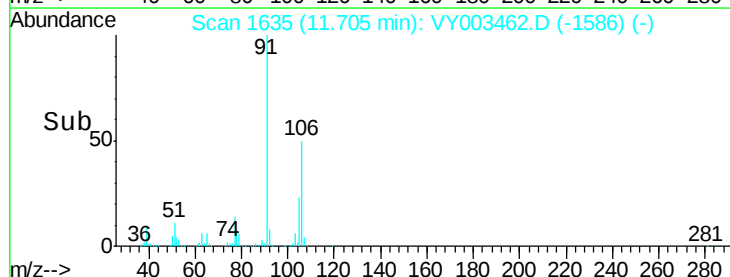
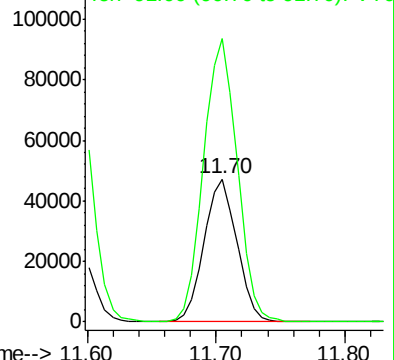
Ion Ratio Lower Upper

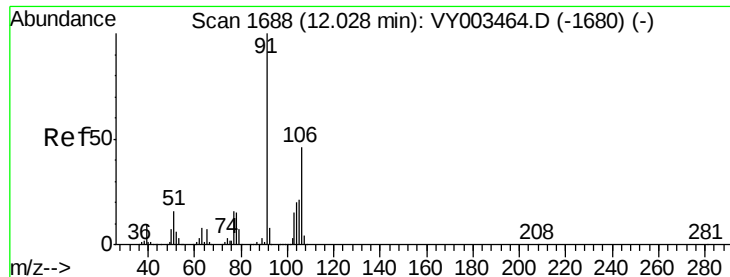
106 100

91 202.2 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VY003464.D (-1627) (-)

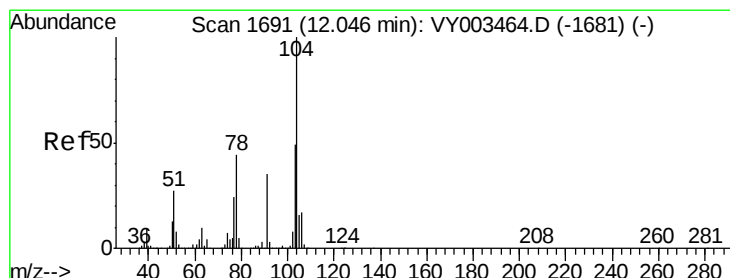
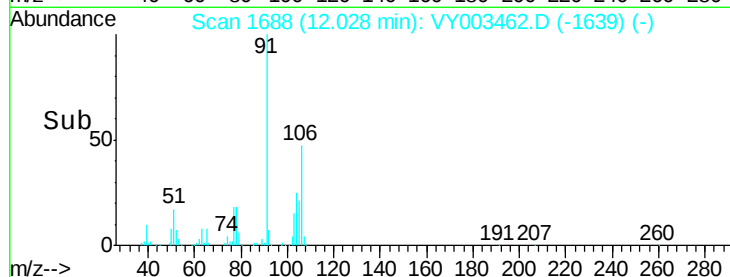
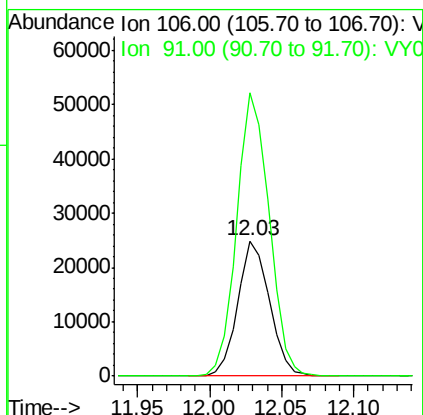
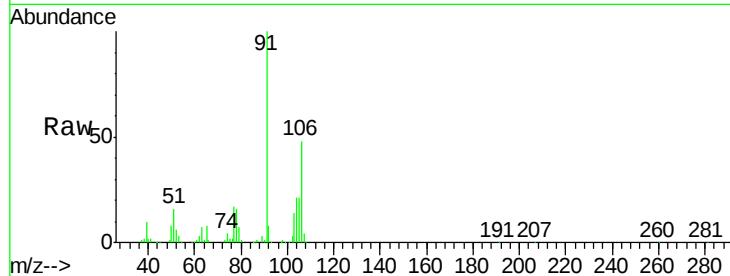




#69
o-Xylene
Concen: 9.834 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

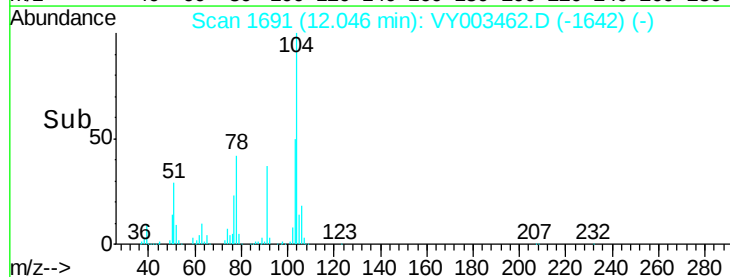
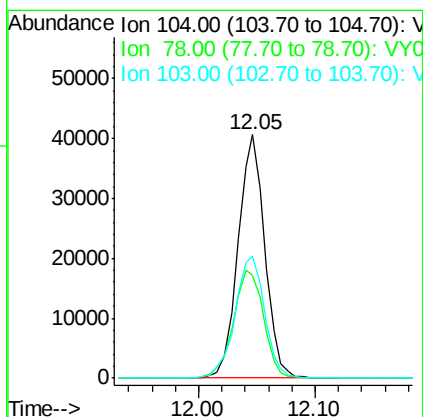
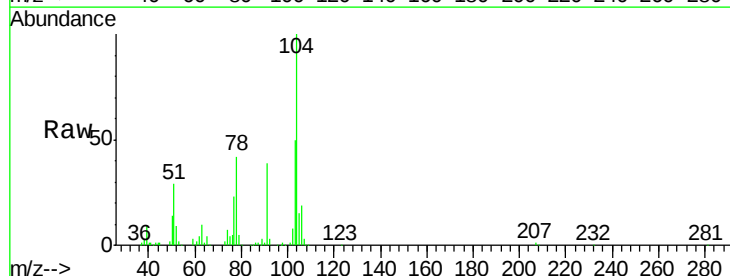
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

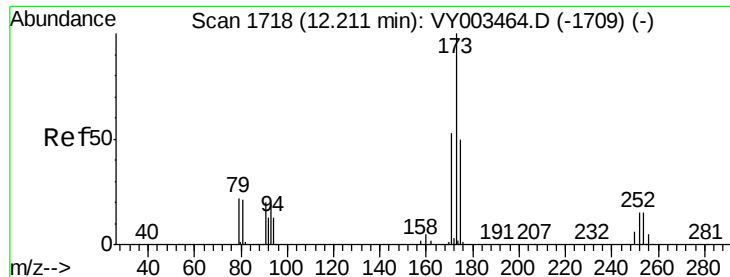
Tot Ion:106 Resp: 38130
Ion Ratio Lower Upper
106 100
91 214.4 105.5 316.5



#70
Styrene
Concen: 9.847 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion:104 Resp: 64837
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 55.7 44.2 66.2





#71

Bromoform

Concen: 9.791 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

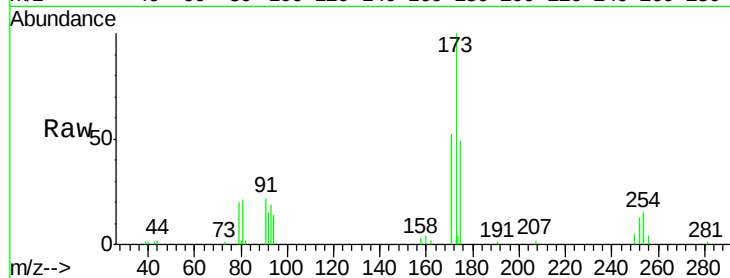
Tot Ion:173 Resp: 15007

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

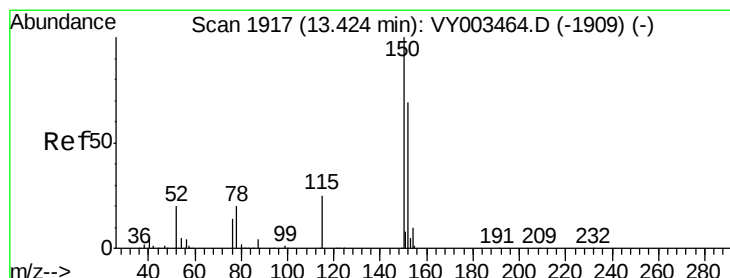
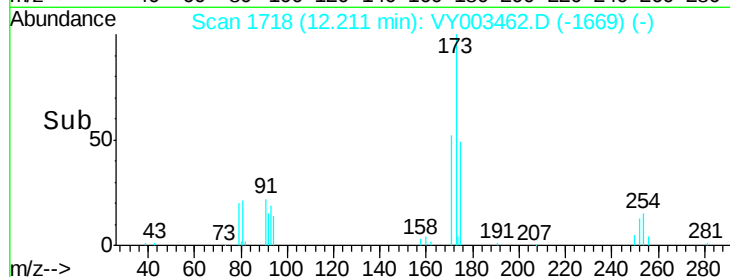
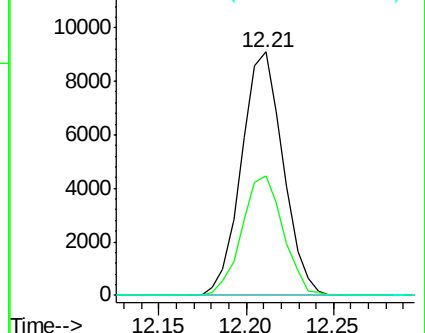
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

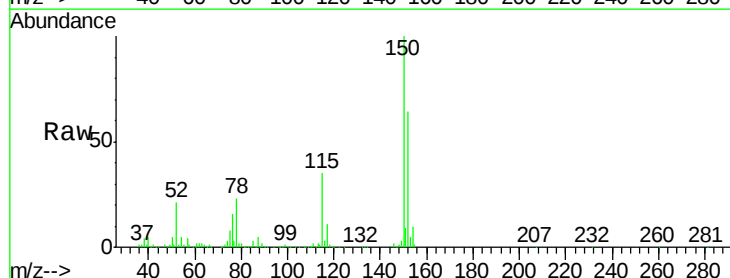
Tgt Ion:152 Resp: 155923

Ion Ratio Lower Upper

152 100

115 54.5 27.5 82.4

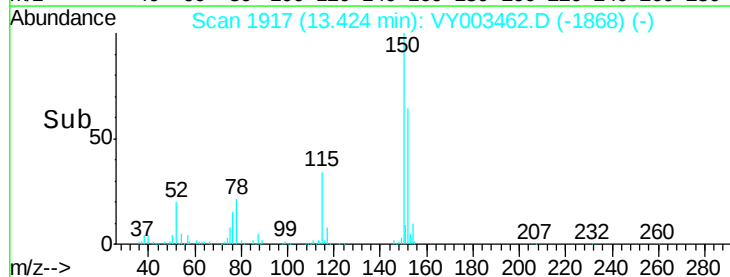
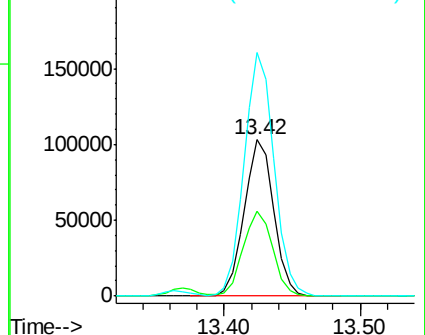
150 158.5 0.0 345.8

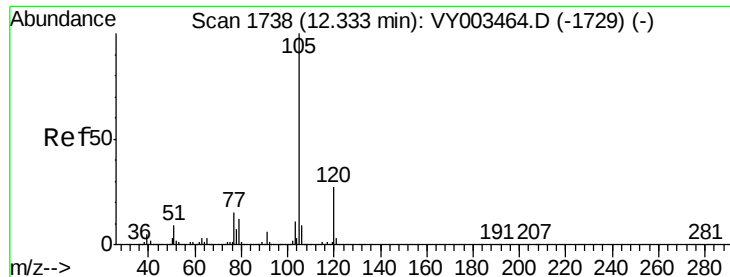


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.813 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

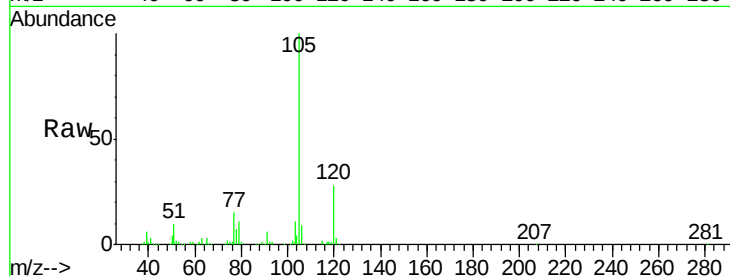
VSTDIC010

Tot Ion: 105 Resp: 106422

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

80000

60000

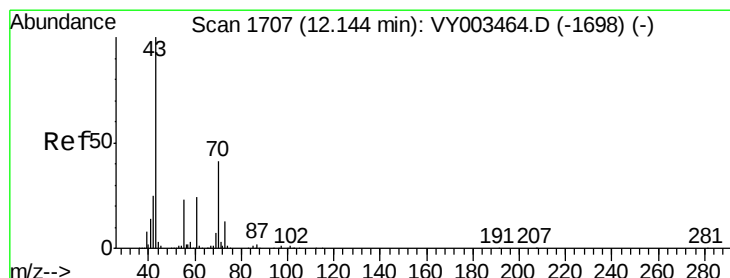
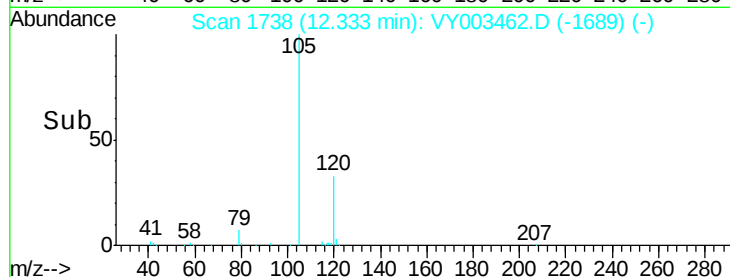
40000

20000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 10.049 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Tgt Ion: 43 Resp: 28313

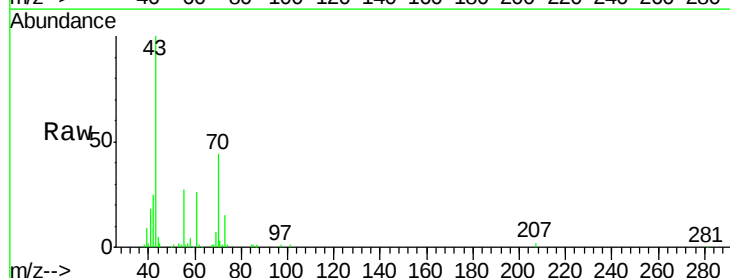
Ion Ratio Lower Upper

43 100

70 40.4 33.1 49.7

55 25.3 19.2 28.8

61 24.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

30000

25000

20000

15000

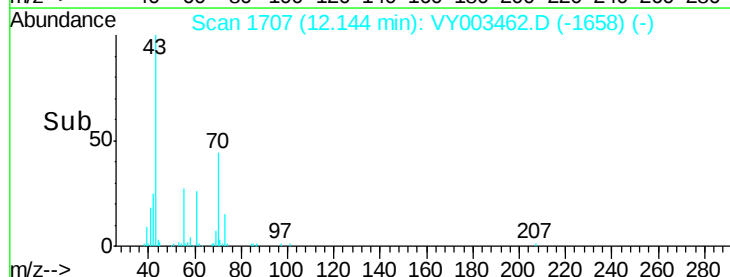
10000

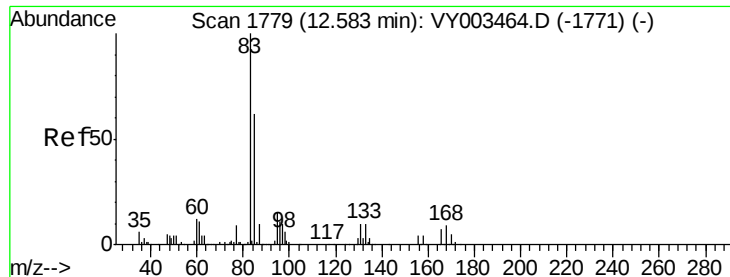
5000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 11.612 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

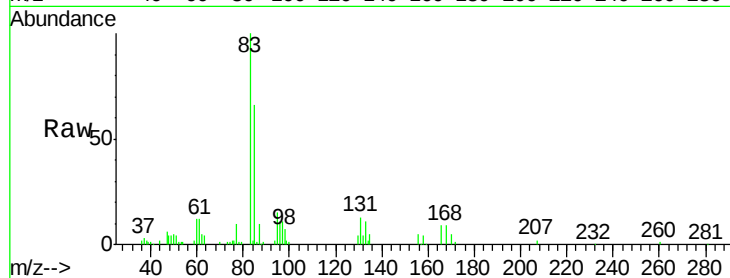
Tot Ion: 83 Resp: 22412

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

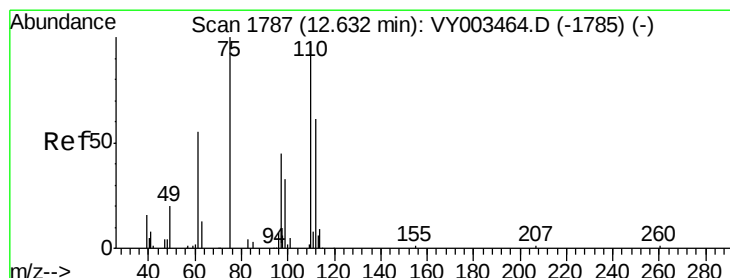
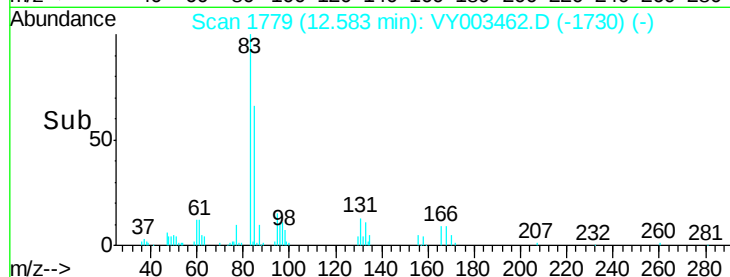
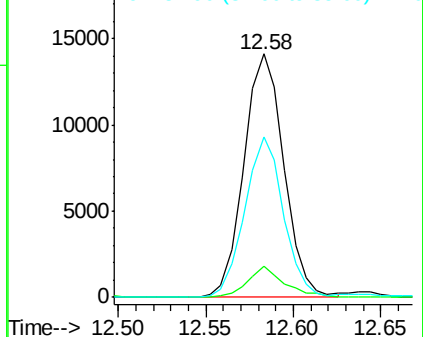
85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 11.823 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003462.D

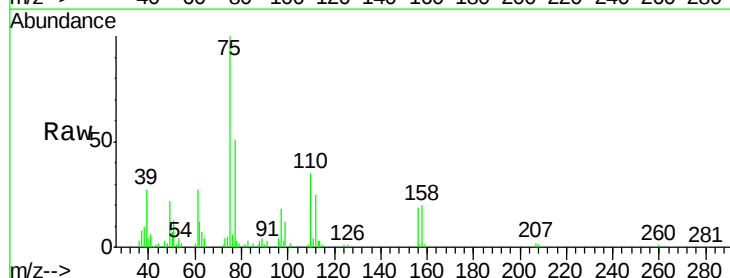
Acq: 02 Nov 2020 10:33

Tgt Ion: 75 Resp: 16520

Ion Ratio Lower Upper

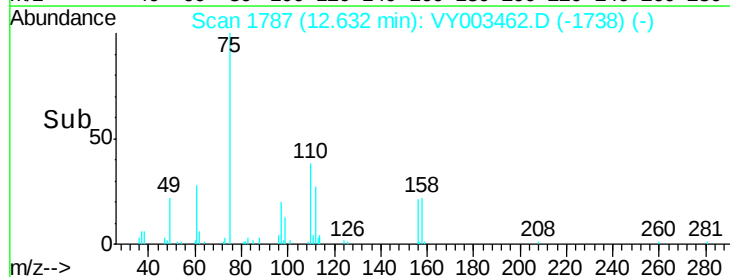
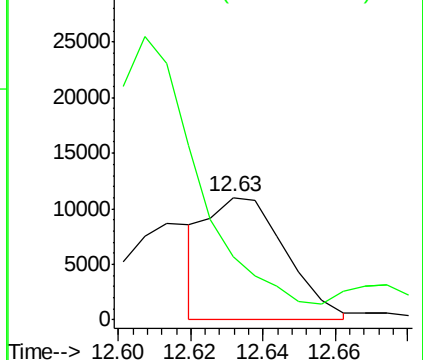
75 100

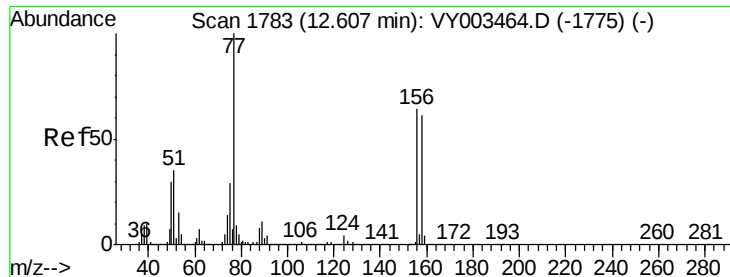
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

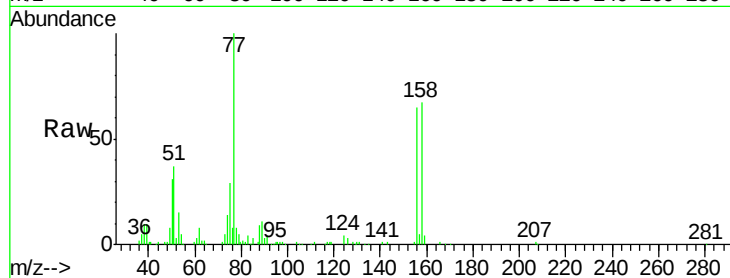




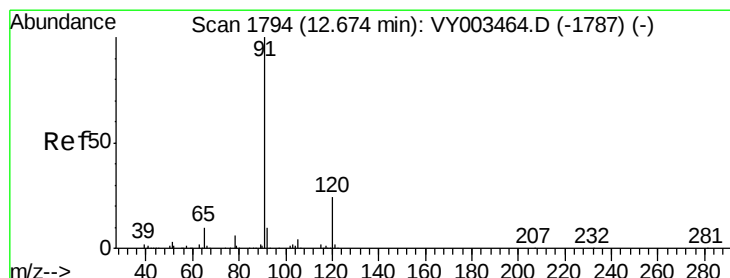
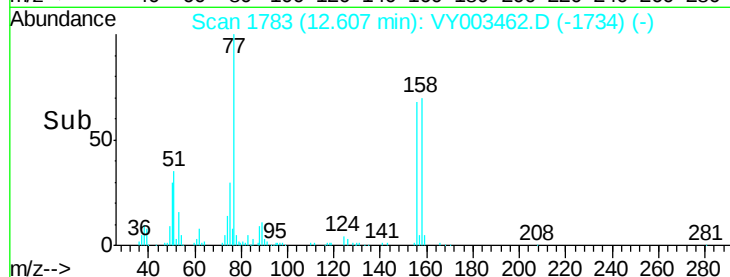
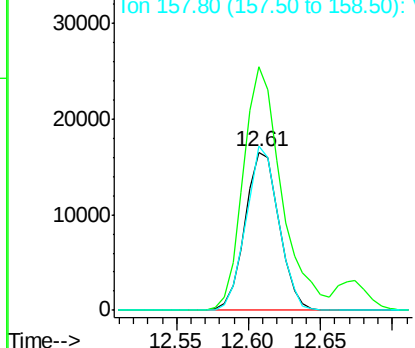
#77
Bromobenzene
Concen: 10.356 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:156 Resp: 26967
Ion Ratio Lower Upper
156 100
77 175.3 87.0 260.9
158 99.2 48.7 146.1

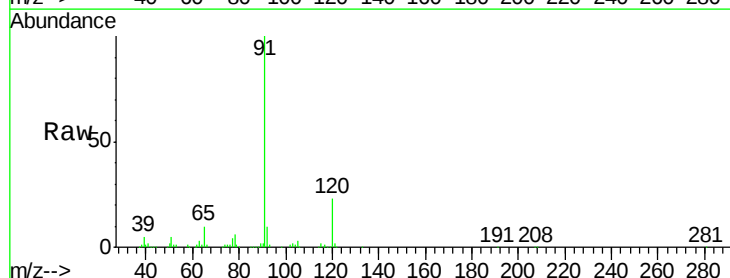


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

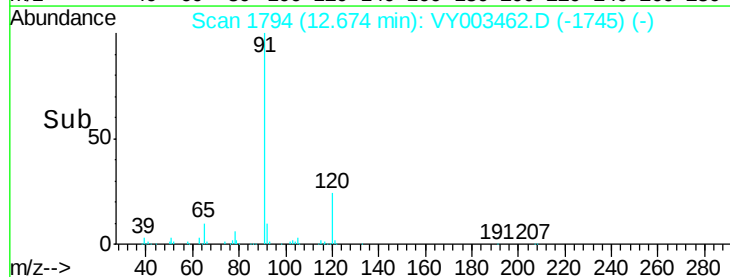
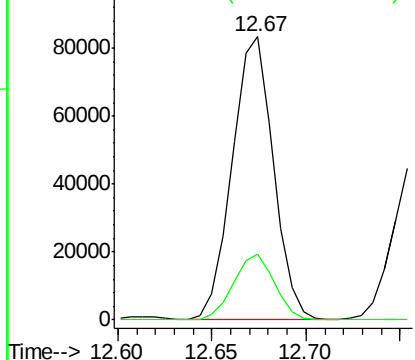


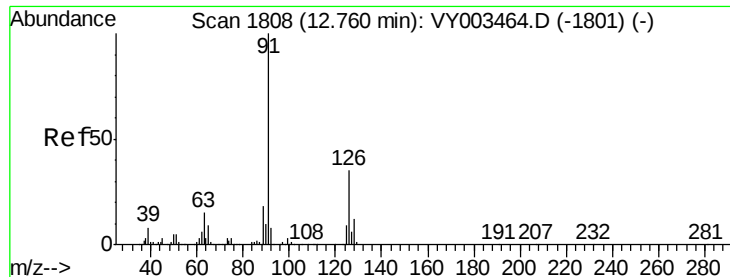
#78
n-propylbenzene
Concen: 10.757 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 02 Nov 2020 10:33

Tgt Ion: 91 Resp: 125865
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.753 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

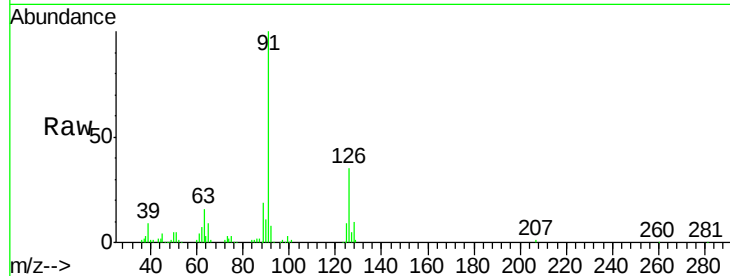
VSTDIC010

Tot Ion: 91 Resp: 70574

Ion Ratio Lower Upper

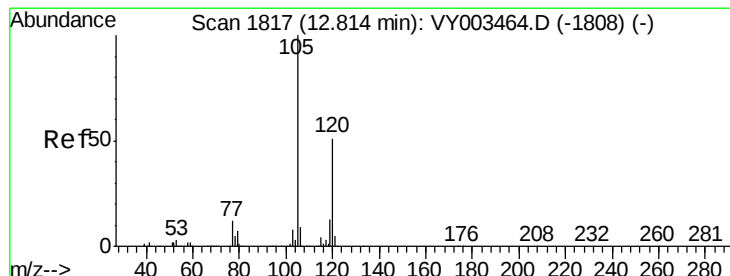
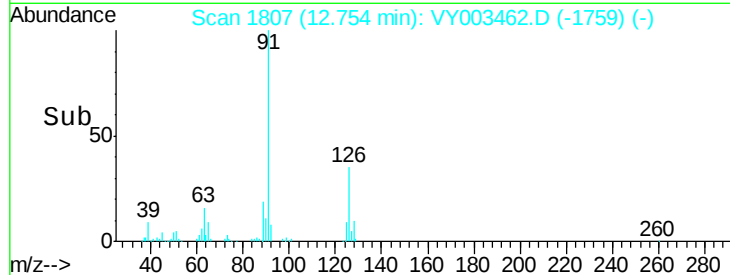
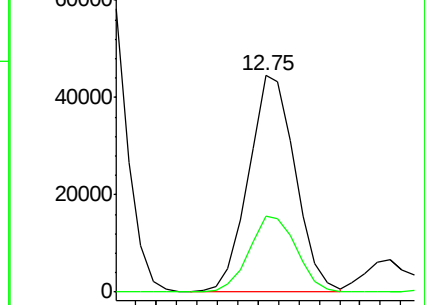
91 100

126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.639 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY003462.D

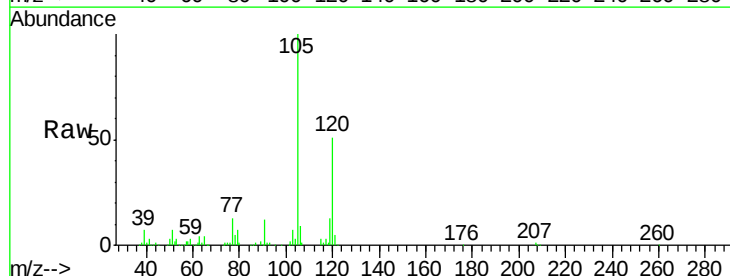
Acq: 02 Nov 2020 10:33

Tgt Ion: 105 Resp: 89300

Ion Ratio Lower Upper

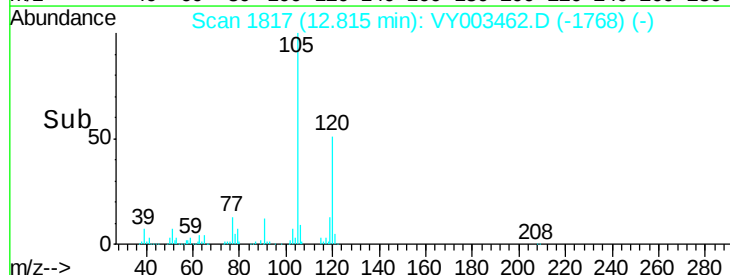
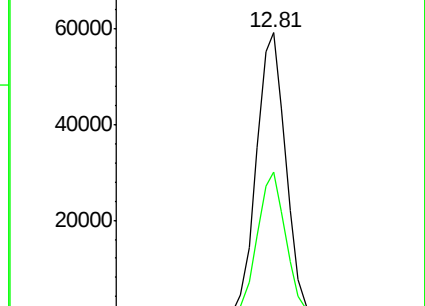
105 100

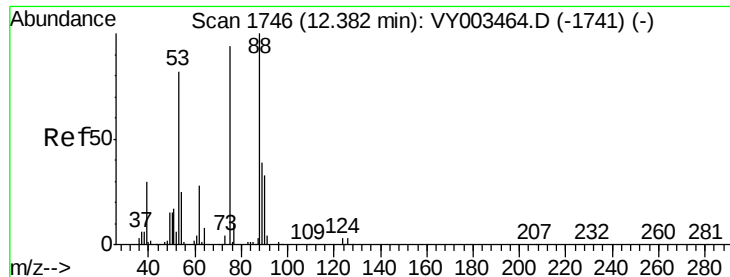
120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 11.032 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

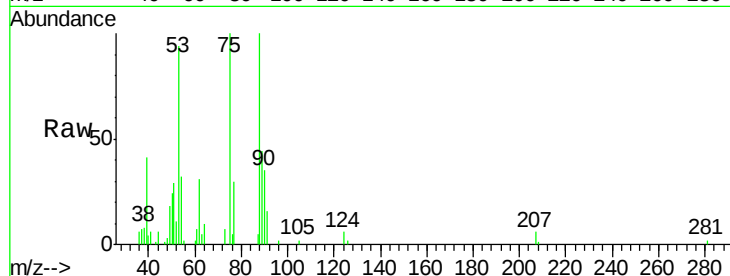
Tot Ion: 75 Resp: 7920

Ion Ratio Lower Upper

75 100

53 96.0 74.7 112.1

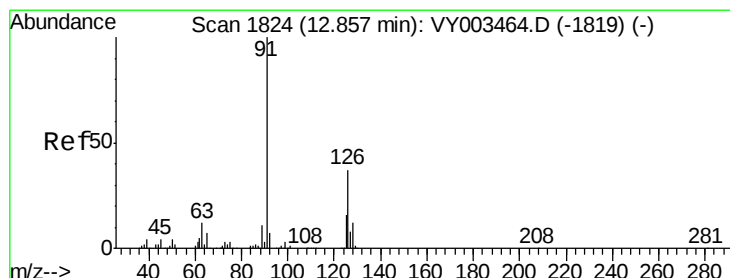
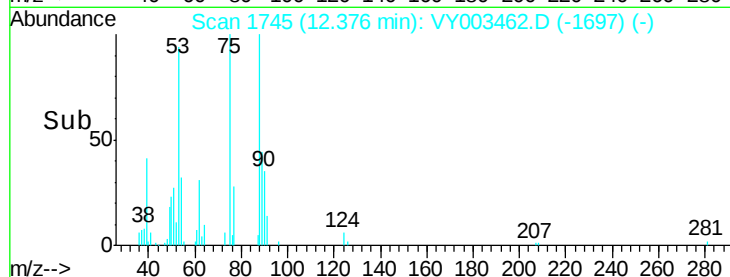
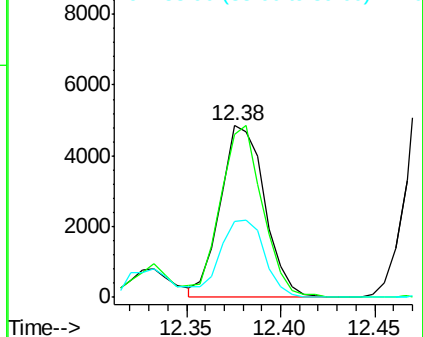
89 45.6 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 10.631 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY003462.D

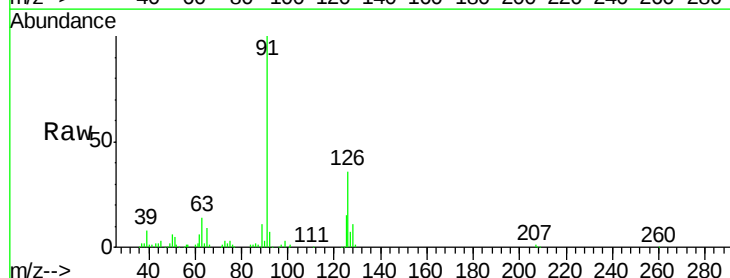
Acq: 02 Nov 2020 10:33

Tgt Ion: 91 Resp: 73963

Ion Ratio Lower Upper

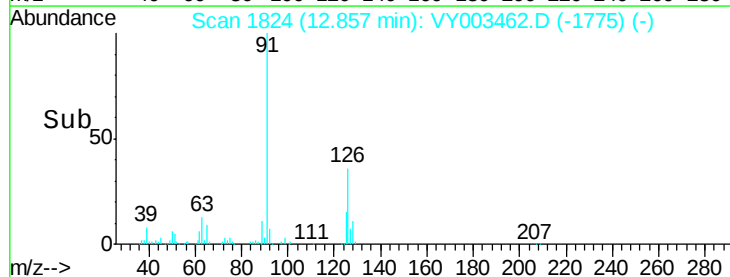
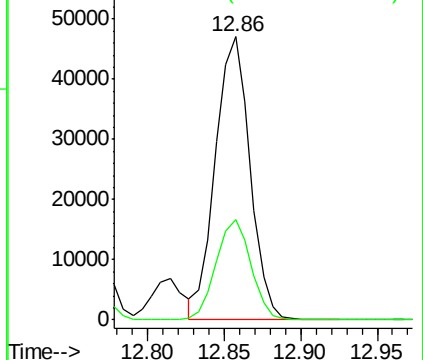
91 100

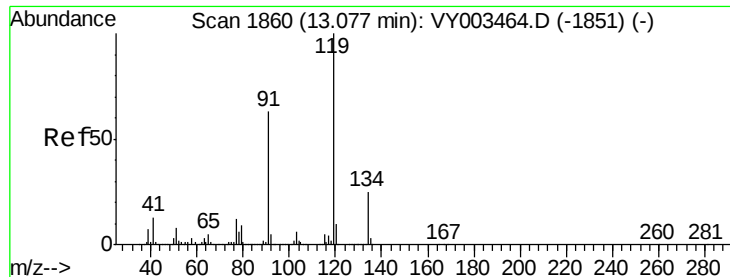
126 35.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 10.697 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

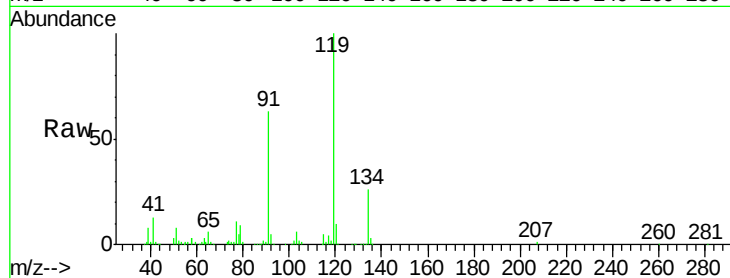
Tot Ion:119 Resp: 78304

Ion Ratio Lower Upper

119 100

91 63.1 31.1 93.2

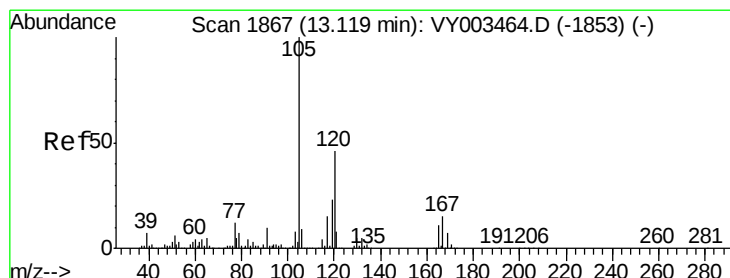
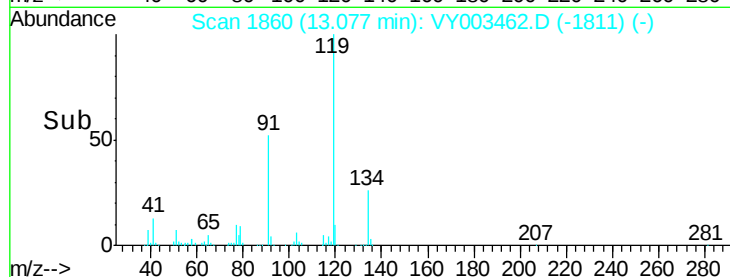
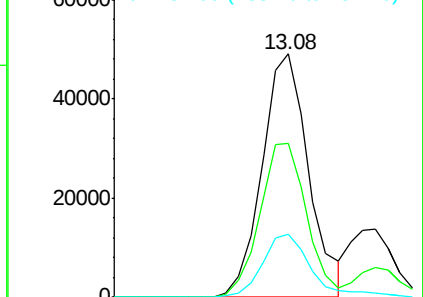
134 27.4 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.434 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003462.D

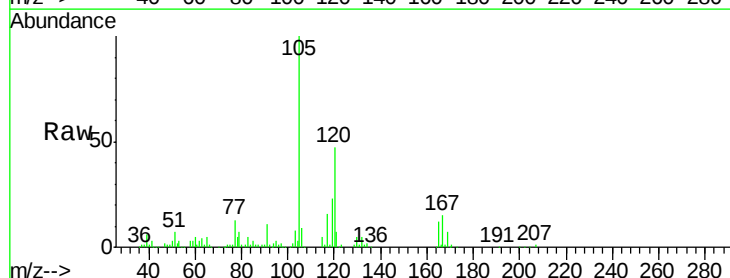
Acq: 02 Nov 2020 10:33

Tgt Ion:105 Resp: 88429

Ion Ratio Lower Upper

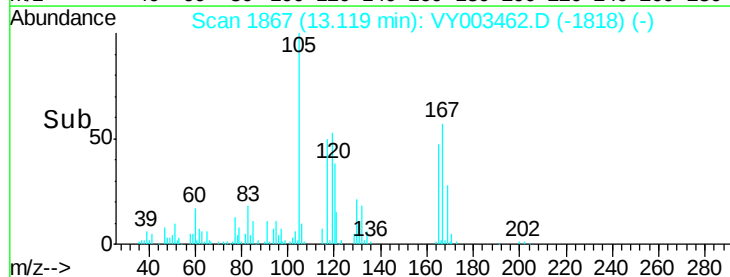
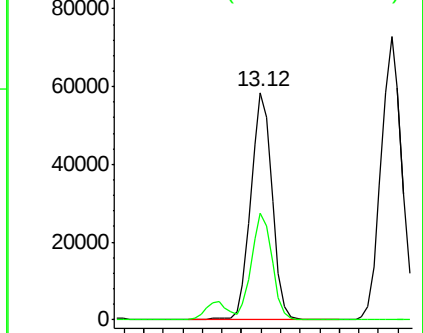
105 100

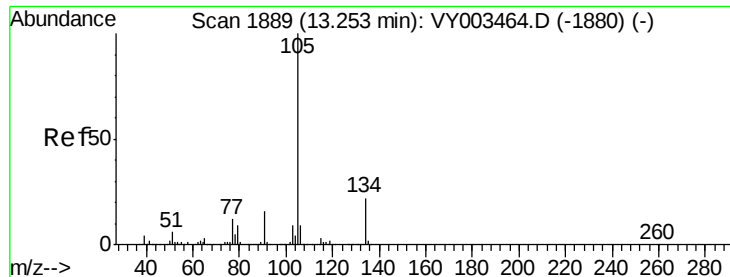
120 45.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.588 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

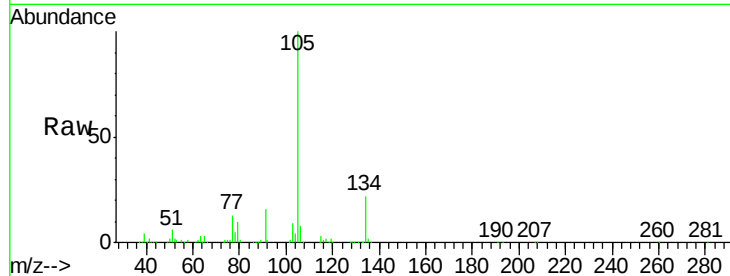
VSTDIC010

Tot Ion:105 Resp: 106807

Ion Ratio Lower Upper

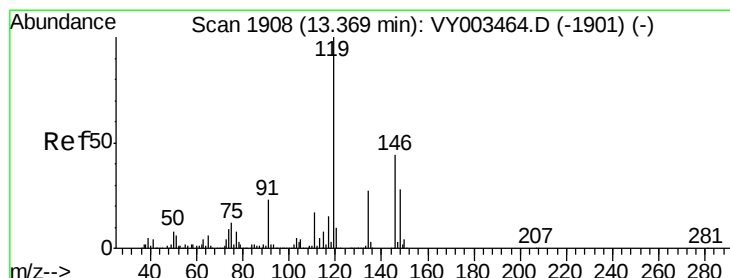
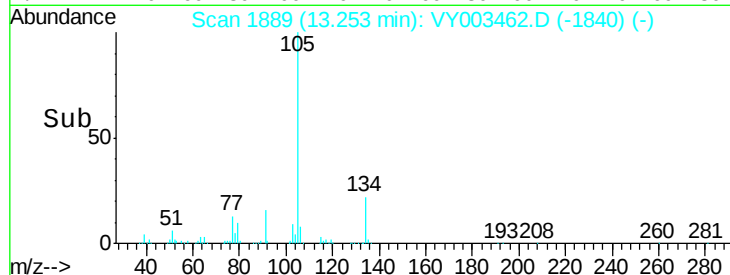
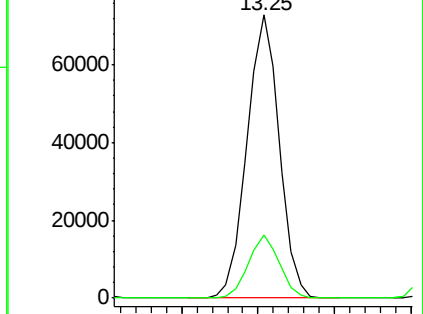
105 100

134 21.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.197 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

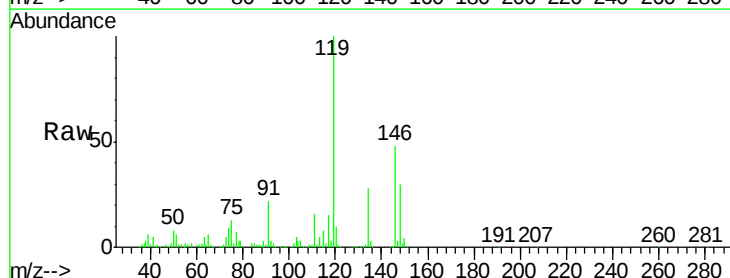
Tgt Ion:119 Resp: 97478

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

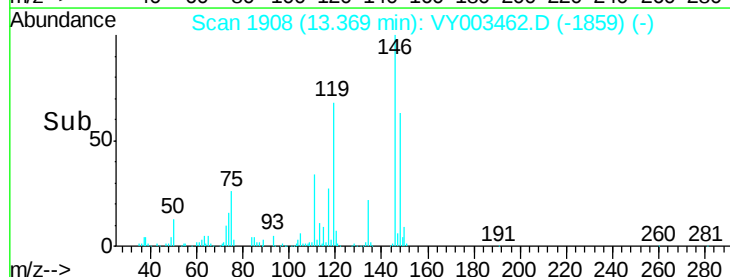
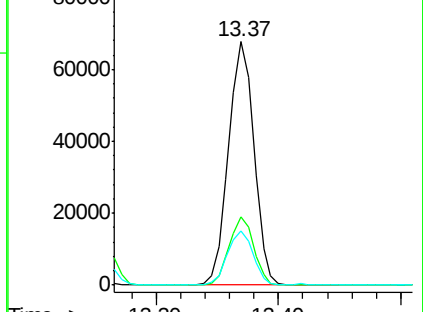
91 22.5 11.4 34.2

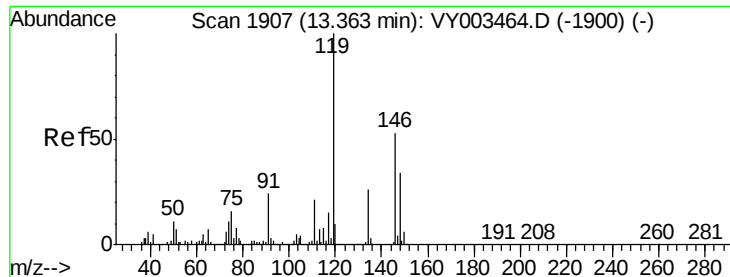


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

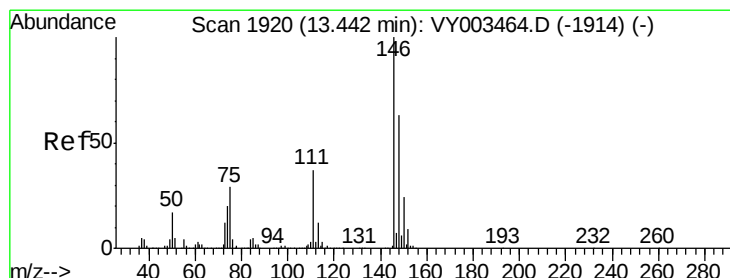
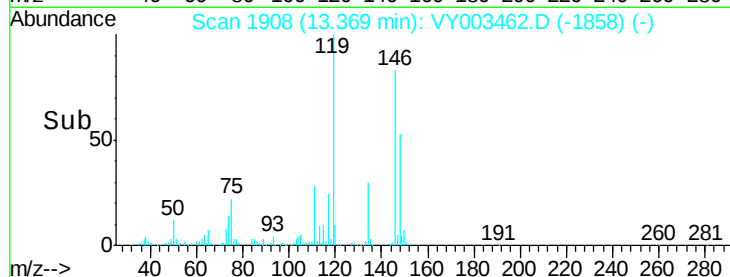
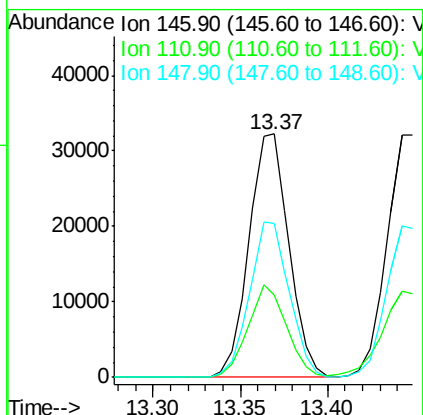
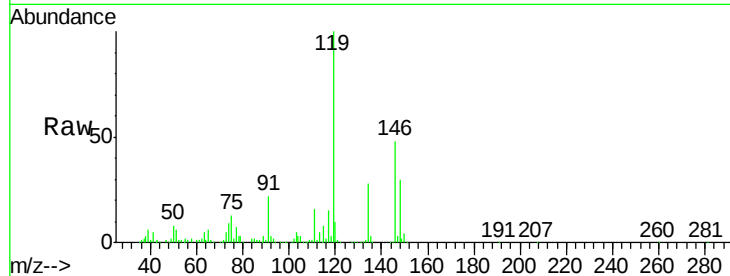




#87
 1,3-Dichlorobenzene
 Concen: 10.329 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

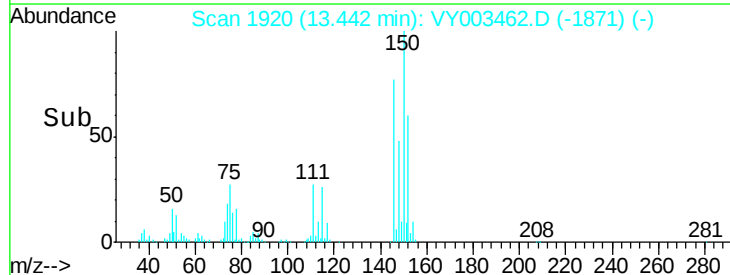
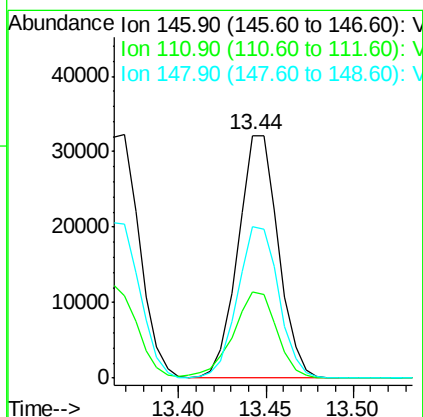
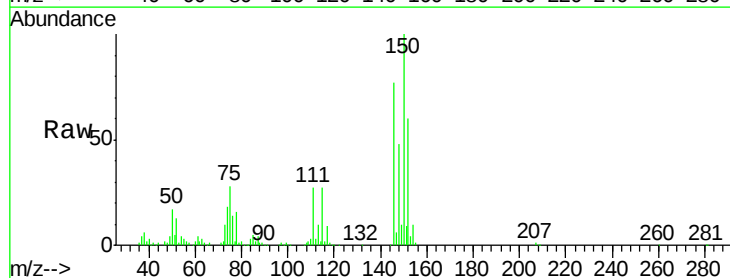
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

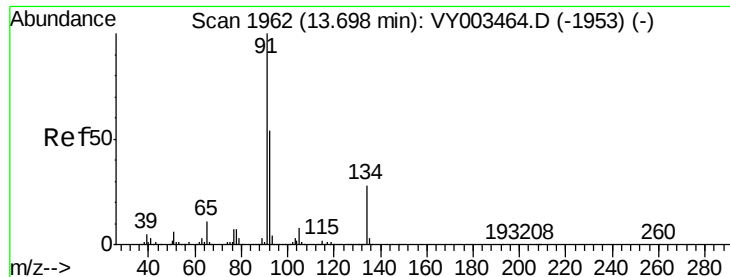
Tot Ion:146 Resp: 51161
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.1 57.1
 148 63.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 10.435 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Tgt Ion:146 Resp: 51508
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.3 54.8
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 10.130 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

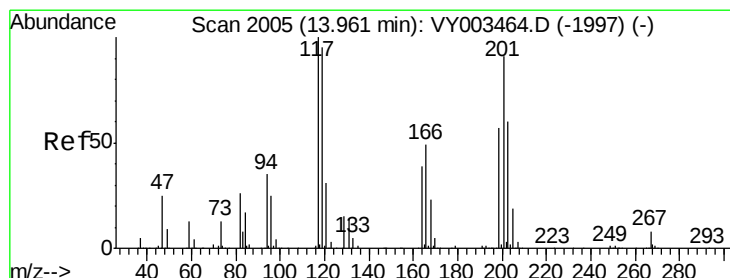
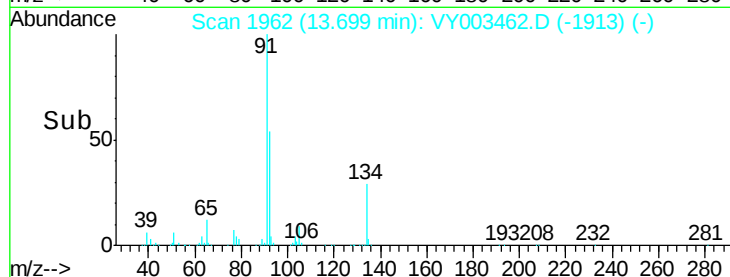
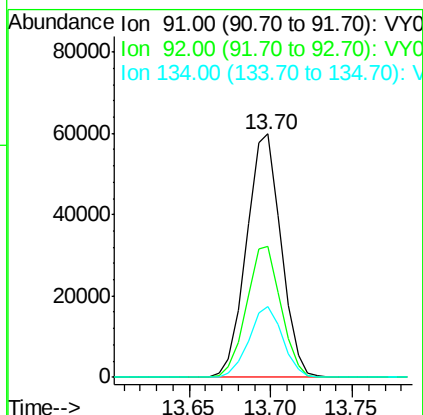
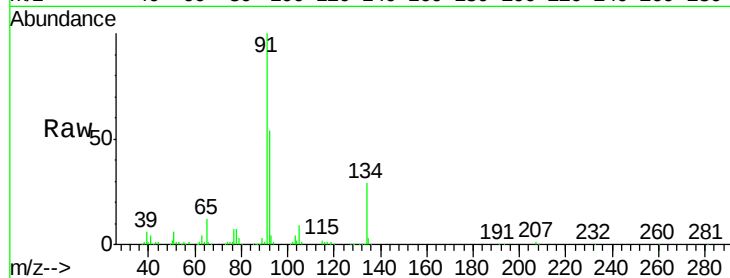
Tot Ion: 91 Resp: 88570

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

134 28.2 13.8 41.3



#90

Hexachloroethane

Concen: 10.825 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003462.D

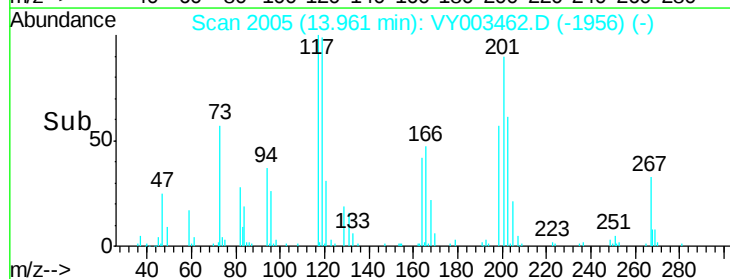
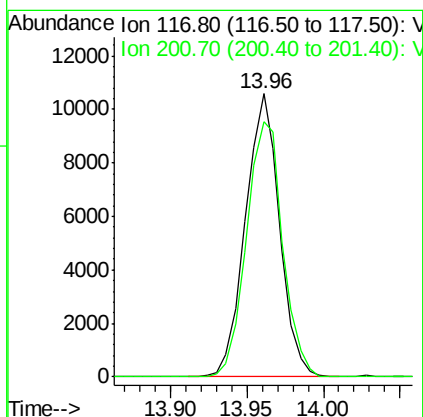
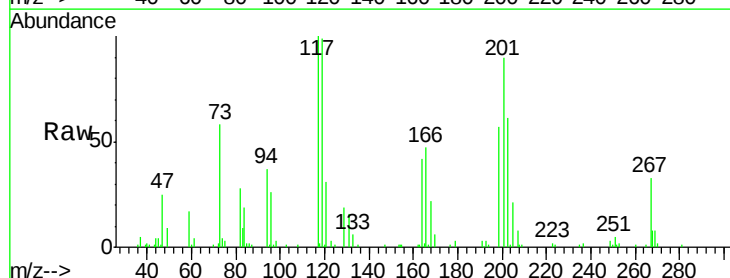
Acq: 02 Nov 2020 10:33

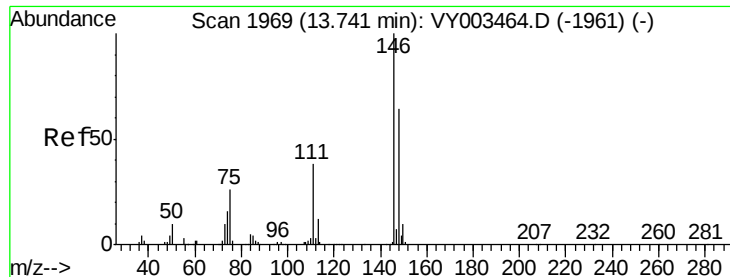
Tgt Ion: 117 Resp: 16374

Ion Ratio Lower Upper

117 100

201 95.4 46.6 139.8

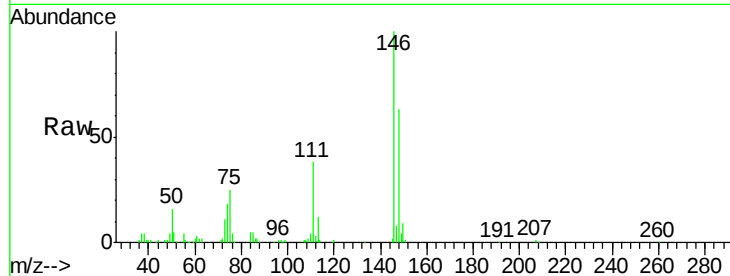




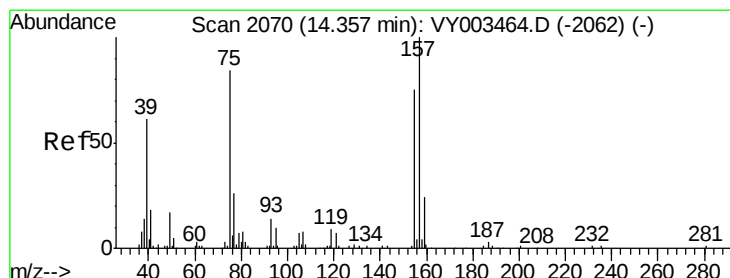
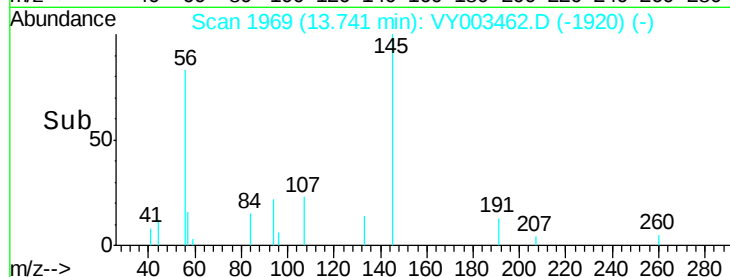
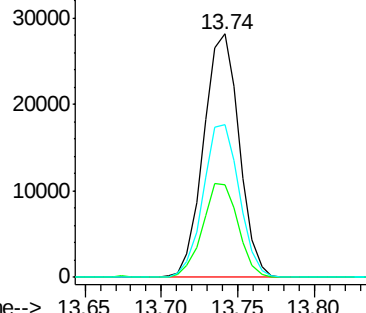
#91
 1,2-Dichlorobenzene
 Concen: 10.330 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	63.6	32.3	96.8

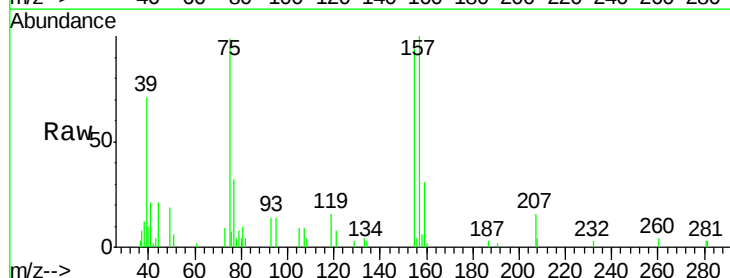


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

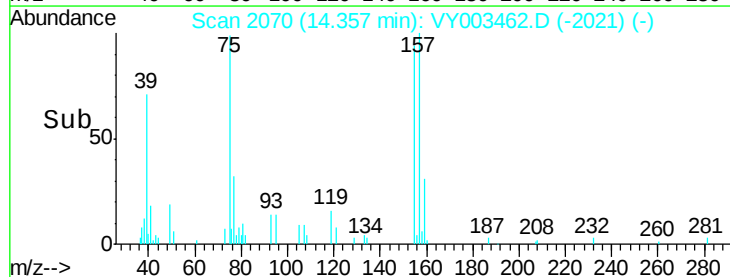
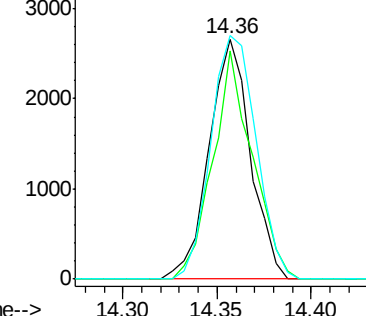


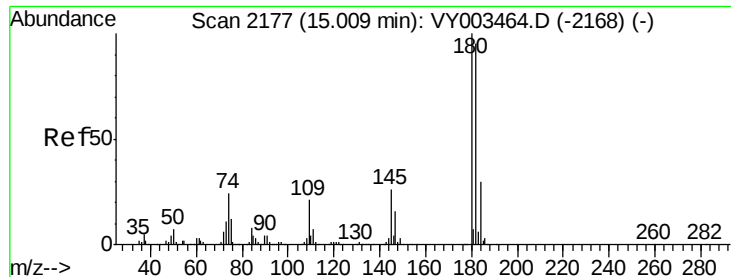
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.075 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	45.6	136.7
157	111.5	60.3	180.8



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

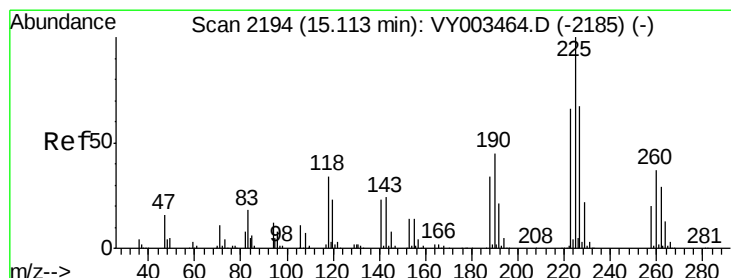
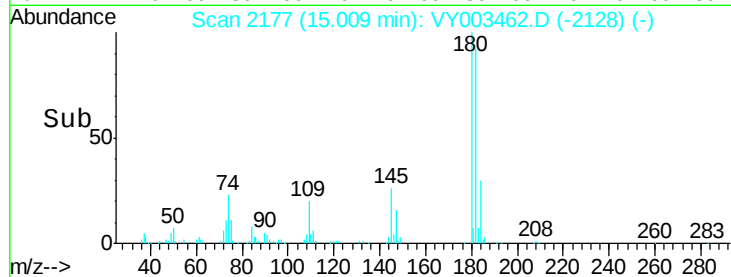
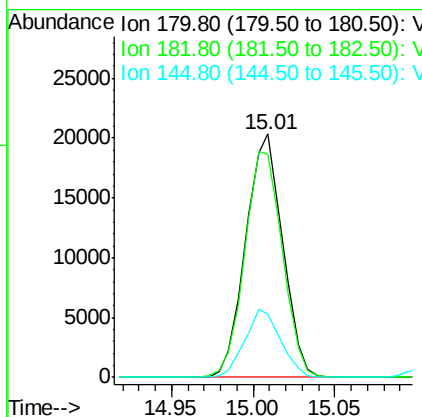
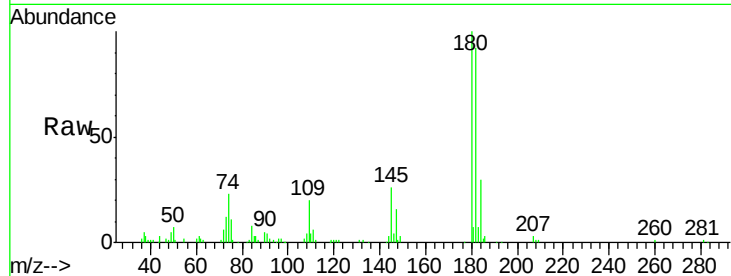




#93
 1,2,4-Trichlorobenzene
 Concen: 9.803 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

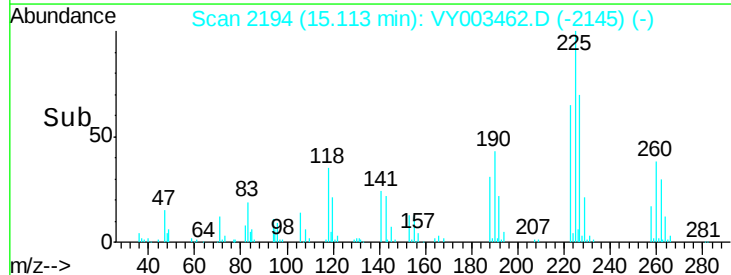
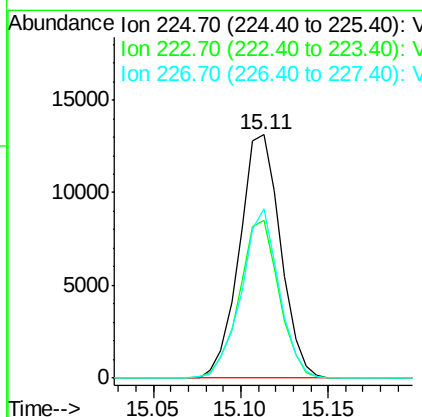
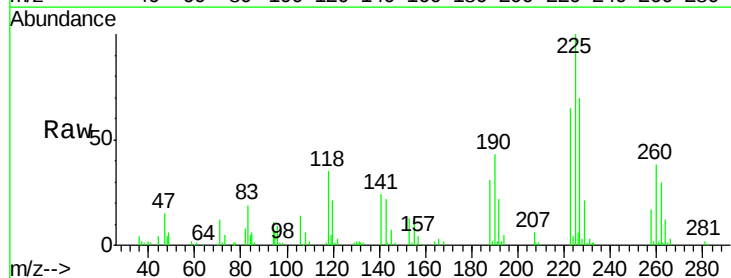
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

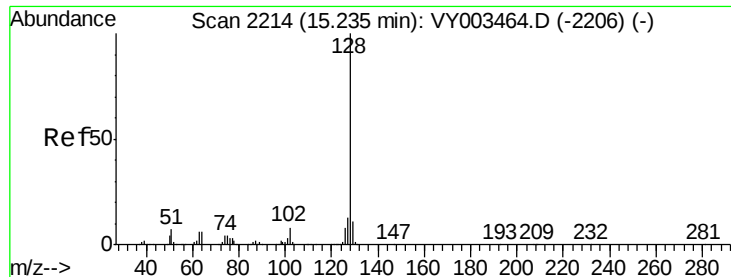
Tot Ion:180 Resp: 32032
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.3
 145 27.2 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 10.047 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003462.D
 Acq: 02 Nov 2020 10:33

Tgt Ion:225 Resp: 21396
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.1 96.3
 227 63.8 32.4 97.2





#95

Naphthalene

Concen: 10.238 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

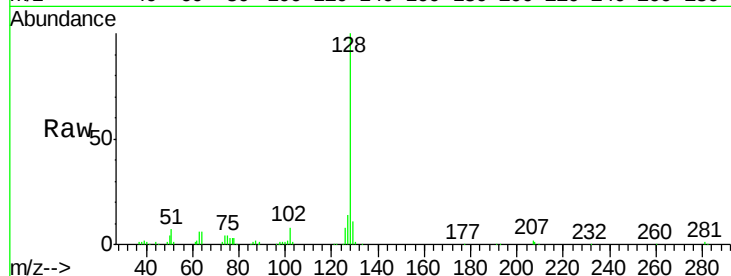
Tot Ion:128 Resp: 59882

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

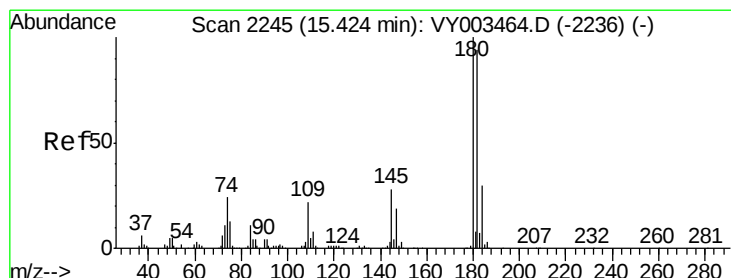
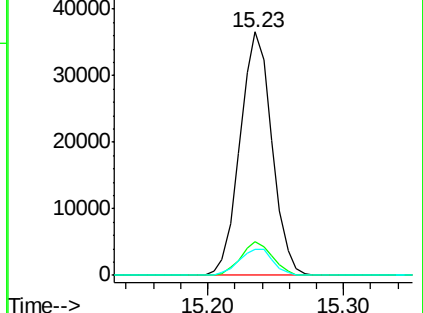
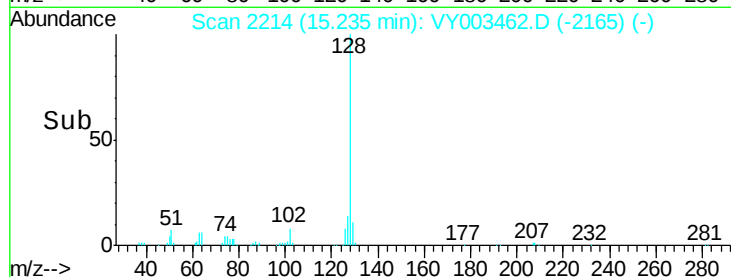
129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.127 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 02 Nov 2020 10:33

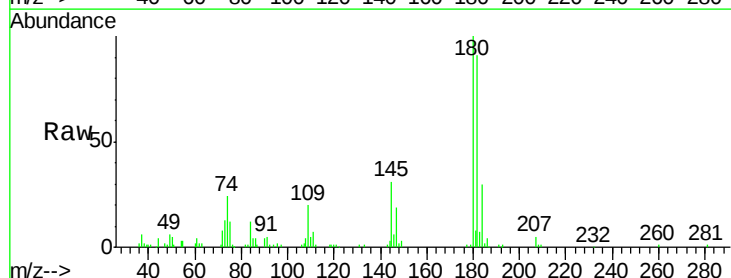
Tgt Ion:180 Resp: 28820

Ion Ratio Lower Upper

180 100

182 92.9 46.9 140.7

145 28.8 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

