

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003466.D
 Acq On : 02 Nov 2020 12:01
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Quant Time: Nov 02 12:41:40 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	225613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	322537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148849	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	339003	149.83	ug/l	0.00
Spiked Amount			Recovery	=	299.66%	
35) Dibromofluoromethane	7.73	113	291209	150.99	ug/l	0.00
Spiked Amount			Recovery	=	301.98%	
50) Toluene-d8	10.18	98	1212180	150.31	ug/l	0.00
Spiked Amount			Recovery	=	300.62%	
62) 4-Bromofluorobenzene	12.48	95	404621	146.40	ug/l	0.00
Spiked Amount			Recovery	=	292.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	224985	128.393	ug/l	99
3) Chloromethane	2.12	50	311204	128.298	ug/l	100
4) Vinyl Chloride	2.26	62	349241	131.901	ug/l	100
5) Bromomethane	2.64	94	281239	112.131	ug/l	99
6) Chloroethane	2.80	64	208429	129.284	ug/l	99
7) Trichlorofluoromethane	3.13	101	416112	126.738	ug/l	99
8) Diethyl Ether	3.54	74	136316	126.451	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	231043	126.321	ug/l	99
11) Tert butyl alcohol	4.97	59	157452	716.319	ug/l	99
12) 1,1-Dichloroethene	3.88	96	235058	130.387	ug/l	97
13) Acrolein	3.74	56	134489	655.807	ug/l	100
14) Allyl chloride	4.49	41	445512	138.225	ug/l	99
15) Acrylonitrile	5.18	53	390981	748.991	ug/l	100
16) Acetone	3.96	43	558002	938.344	ug/l	99
17) Carbon Disulfide	4.21	76	766024	130.355	ug/l	99
18) Methyl Acetate	4.49	43	200978	149.465	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	619897	131.889	ug/l	97
20) Methylene Chloride	4.73	84	257543	106.742	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	277875	131.752	ug/l	97
22) Diisopropyl ether	6.13	45	776566	130.068	ug/l	98
23) Vinyl Acetate	6.08	43	3098667	705.349	ug/l	100
24) 1,1-Dichloroethane	6.04	63	488373	131.300	ug/l	99
25) 2-Butanone	7.00	43	702193	850.060	ug/l	98
26) 2,2-Dichloropropane	6.99	77	448721	133.702	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	307280	131.359	ug/l	100
28) Bromochloromethane	7.35	49	286301	157.022	ug/l	100
29) Tetrahydrofuran	7.36	42	358782	762.549	ug/l	100
30) Chloroform	7.52	83	484554	129.170	ug/l	99
31) Cyclohexane	7.79	56	408486	122.545	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	448154	129.918	ug/l	100
36) 1,1-Dichloropropene	7.93	75	396085	130.527	ug/l	99
37) Ethyl Acetate	7.08	43	264449	147.452	ug/l	99
38) Carbon Tetrachloride	7.91	117	409365	129.034	ug/l	99
39) Methylcyclohexane	9.19	83	428317	128.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.17	78	1113767	129.937	ug/l	100
41) Methacrylonitrile	7.33	41	140563m	154.091	ug/l	
42) 1,2-Dichloroethane	8.25	62	348630	128.168	ug/l	99
43) Isopropyl Acetate	8.28	43	476838	142.682	ug/l	100
44) Trichloroethene	8.94	130	309484	123.389	ug/l	98
45) 1,2-Dichloropropane	9.22	63	280983	128.980	ug/l	99
46) Dibromomethane	9.31	93	159712	129.902	ug/l	99
47) Bromodichloromethane	9.50	83	389331	129.041	ug/l	100
48) Methyl methacrylate	9.30	41	231048	146.072	ug/l	99
49) 1,4-Dioxane	9.31	88	43772	2988.643	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	1306616	734.618	ug/l	100
52) Toluene	10.25	92	707108	128.602	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	425106	132.530	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	467036	130.099	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	222321	126.785	ug/l	100
56) Ethyl methacrylate	10.51	69	329571	139.947	ug/l	99
57) 1,3-Dichloropropane	10.79	76	393155	129.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	916179	748.021	ug/l	100
59) 2-Hexanone	10.83	43	990786	781.401	ug/l	99
60) Dibromochloromethane	10.99	129	280051	126.703	ug/l	100
61) 1,2-Dibromoethane	11.09	107	220647	130.838	ug/l	98
64) Tetrachloroethene	10.72	164	275270	107.216	ug/l	99
65) Chlorobenzene	11.52	112	751073	128.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	283207	128.049	ug/l	99
67) Ethyl Benzene	11.60	91	1375934	131.637	ug/l	100
68) m/p-Xylenes	11.70	106	1032787	259.062	ug/l	100
69) o-Xylene	12.03	106	482821	129.298	ug/l	99
70) Stvrene	12.05	104	834220	131.554	ug/l	100
71) Bromoform	12.20	173	198691	134.613	ug/l	100
73) Isopropylbenzene	12.33	105	1293683	137.694	ug/l	100
74) N-amyl acetate	12.14	43	403837	150.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	290137	157.467	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	215302m	161.411	ug/l	
77) Bromobenzene	12.61	156	328215	132.034	ug/l	97
78) n-propylbenzene	12.67	91	1506130	134.841	ug/l	100
79) 2-Chlorotoluene	12.75	91	846003	135.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1049181	130.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	109490	159.755	ug/l	98
82) 4-Chlorotoluene	12.86	91	882733	132.907	ug/l	100
83) tert-Butylbenzene	13.08	119	927791	132.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1063140	131.401	ug/l	100
85) sec-Butylbenzene	13.25	105	1231674	127.898	ug/l	100
86) p-Isopropyltoluene	13.37	119	1156720	126.754	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	602985	127.520	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	587241	124.623	ug/l	100
89) n-Butylbenzene	13.70	91	1049008	125.685	ug/l	99
90) Hexachloroethane	13.96	117	195660	135.498	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	531270	126.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	53113	152.527	ug/l	98
93) 1,2,4-Trichlorobenzene	15.00	180	372689	119.483	ug/l	99

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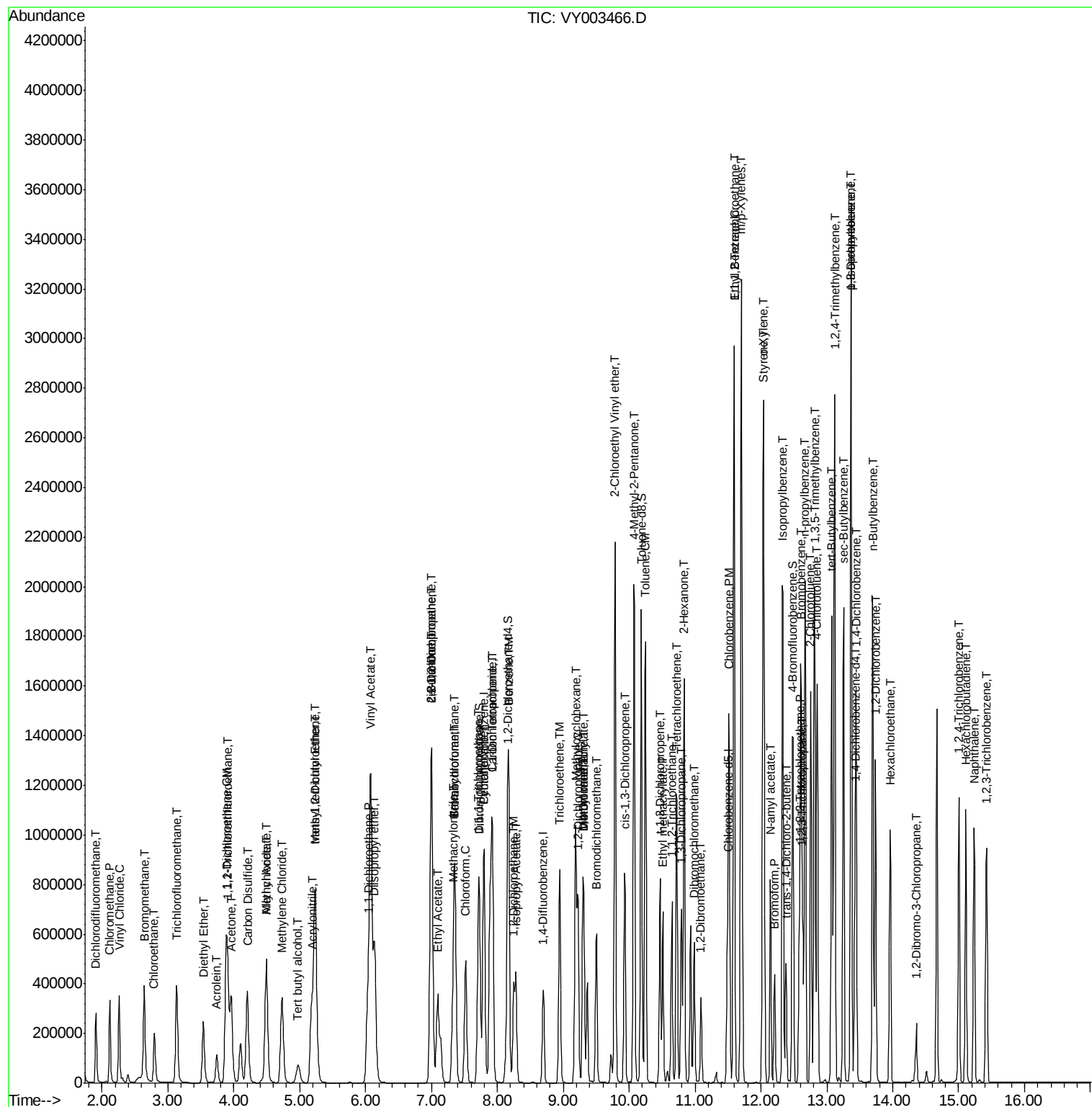
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	218334	107.401	ug/l	99
95) Naphthalene	15.23	128	827586	148.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	334682	123.197	ug/l	99

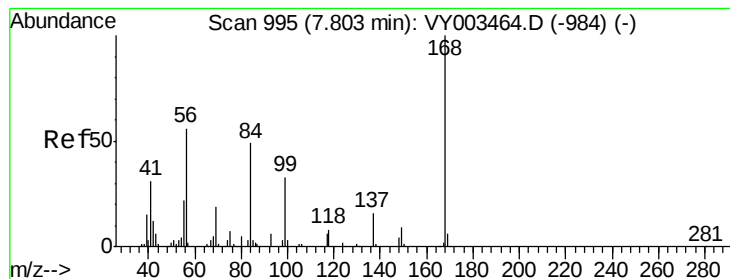
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003466.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

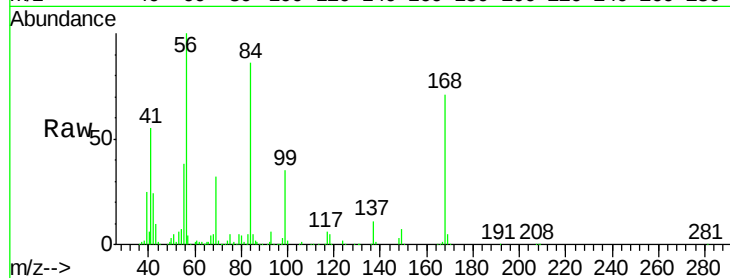
VSTDIC150

Tot Ion:168 Resp: 225613

Ion Ratio Lower Upper

168 100

99 48.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003466.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003466.D (-946) (-)

7.80

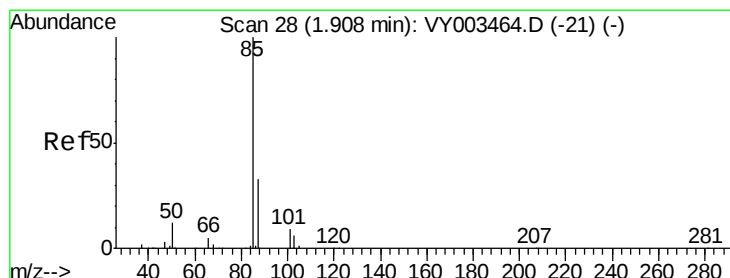
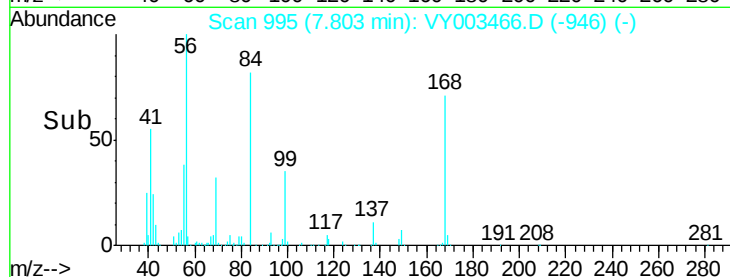
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 128.393 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003466.D

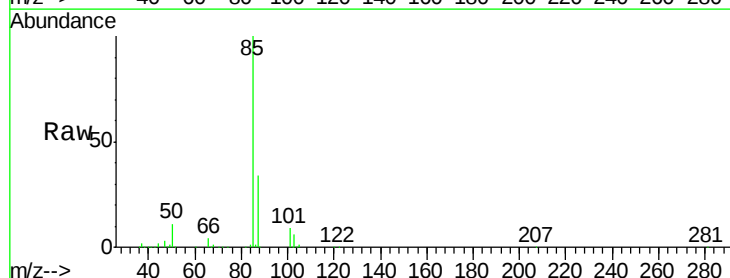
Acq: 02 Nov 2020 12:01

Tgt Ion: 85 Resp: 224985

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003466.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003466.D (-1) (-)

1.91

150000

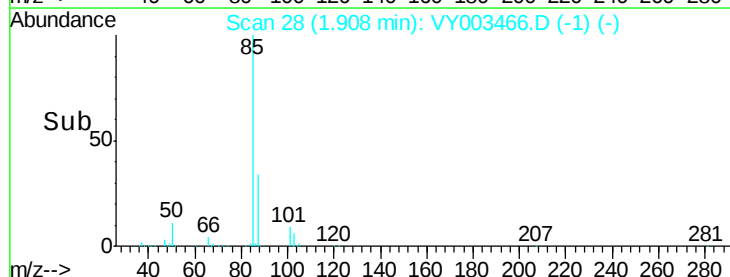
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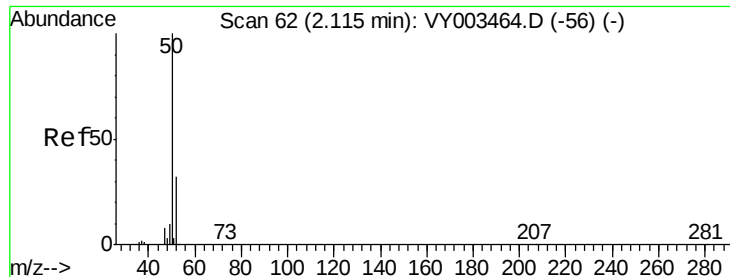
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 128.298 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

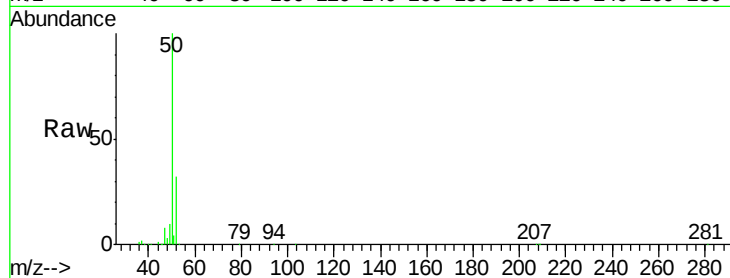
VSTDIC150

Tot Ion: 50 Resp: 311204

Ion Ratio Lower Upper

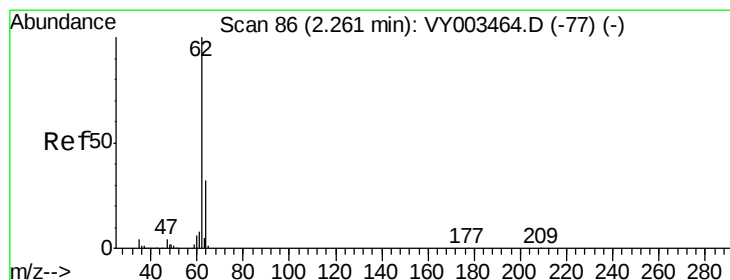
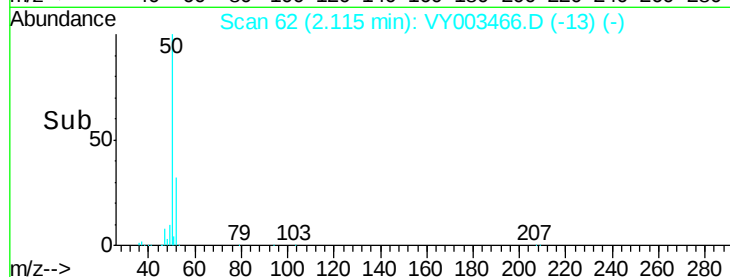
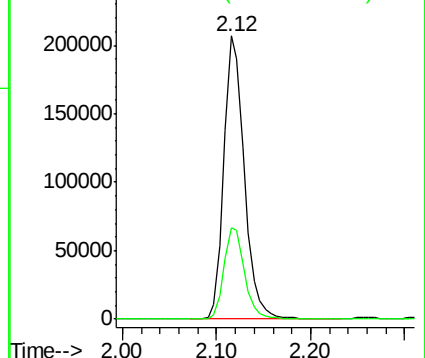
50 100

52 32.1 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 131.901 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003466.D

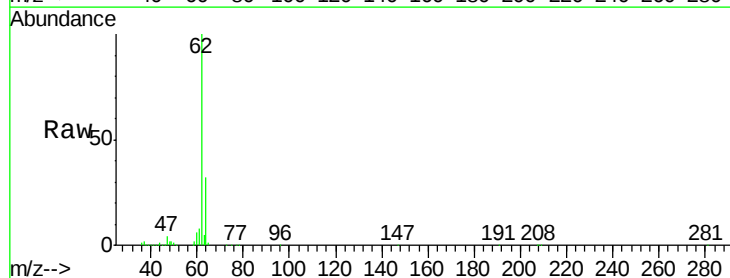
Acq: 02 Nov 2020 12:01

Tgt Ion: 62 Resp: 349241

Ion Ratio Lower Upper

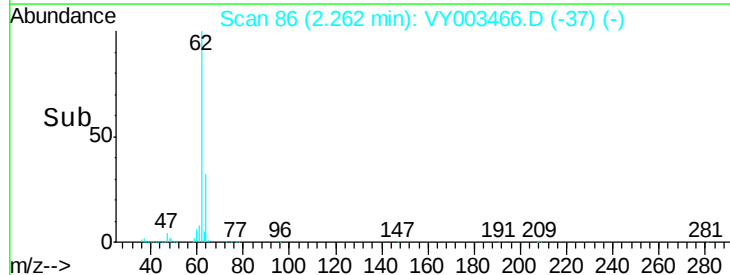
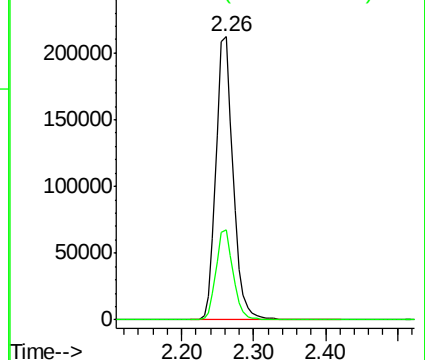
62 100

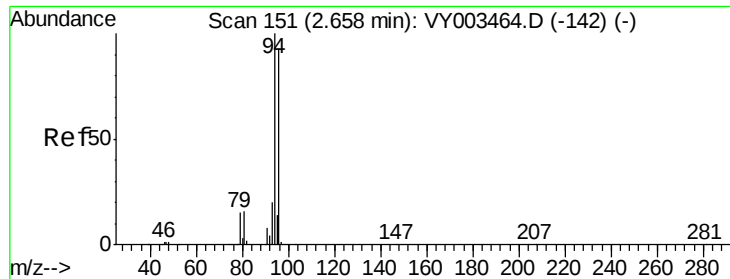
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 112.131 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

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ClientSampleId :

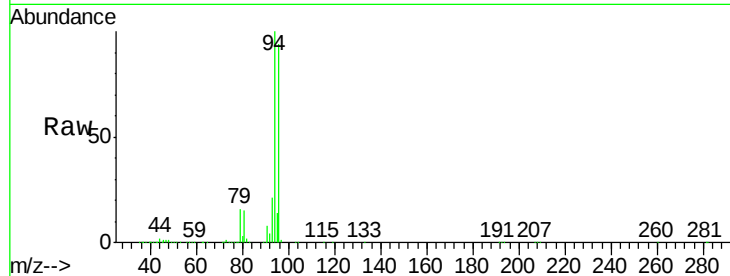
VSTDIC150

Tot Ion: 94 Resp: 281239

Ion Ratio Lower Upper

94 100

96 94.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

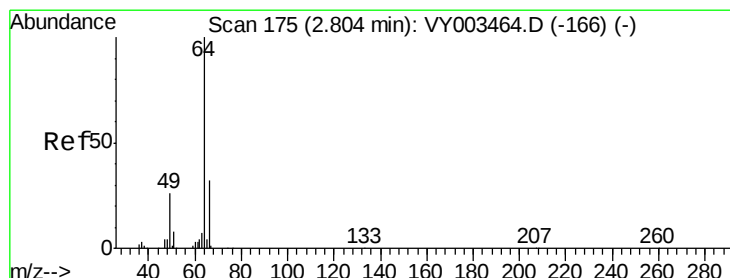
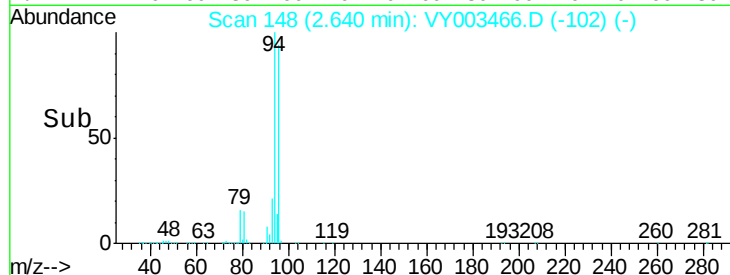
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 129.284 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003466.D

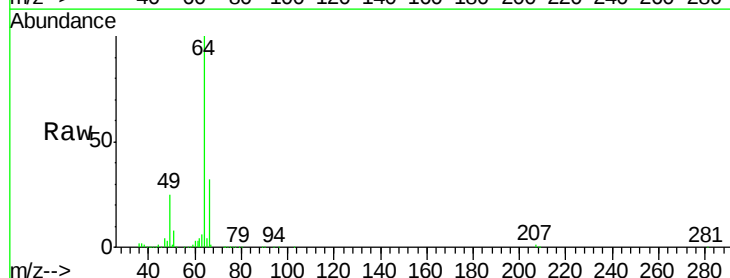
Acq: 02 Nov 2020 12:01

Tgt Ion: 64 Resp: 208429

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

100000

80000

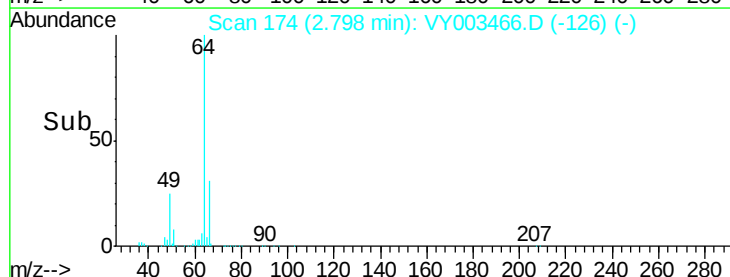
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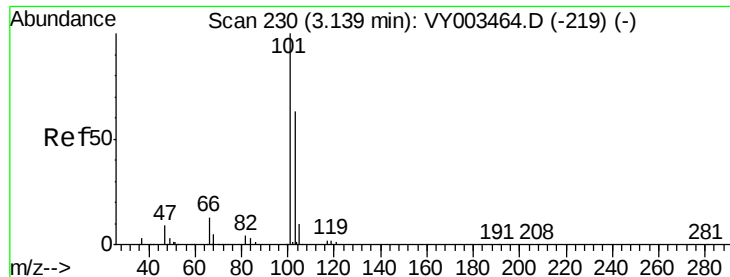
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20000

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Time-->



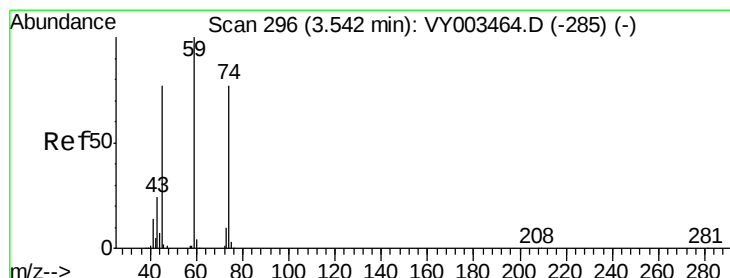
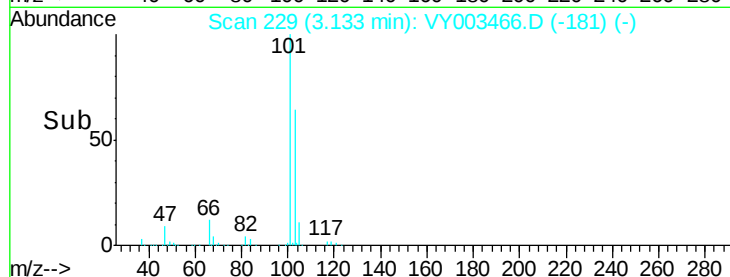
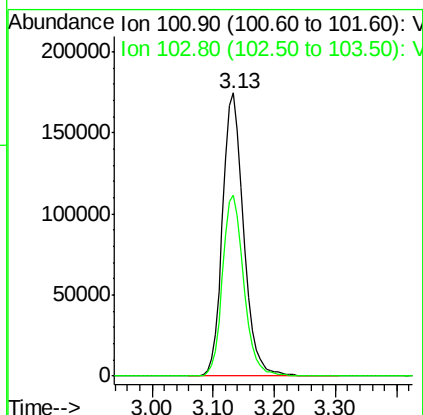
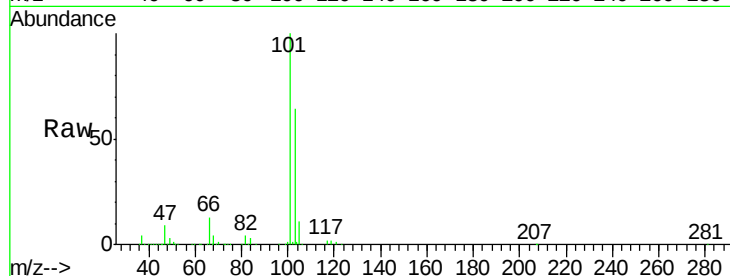


#7

Trichlorofluoromethane
Concen: 126.738 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
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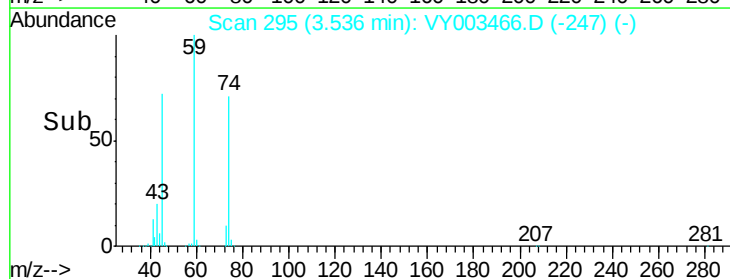
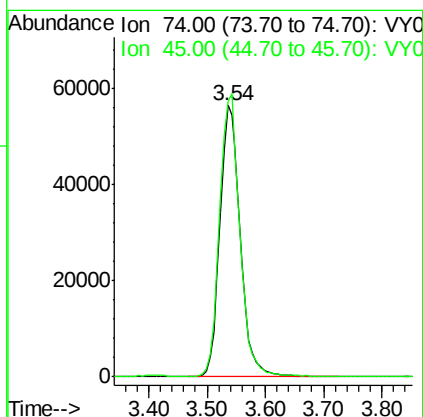
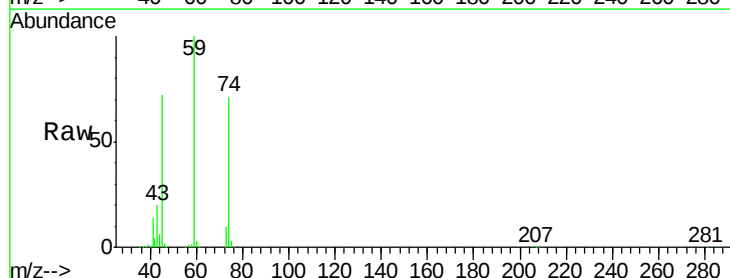
Tot Ion:101 Resp: 416112
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

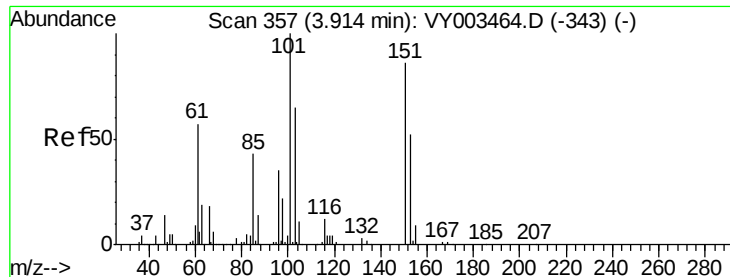


#8

Diethyl Ether
Concen: 126.451 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 74 Resp: 136316
Ion Ratio Lower Upper
74 100
45 103.7 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 126.321 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

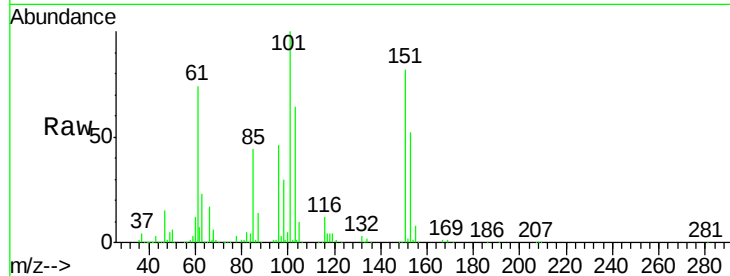
Tot Ion:101 Resp: 231043

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.8

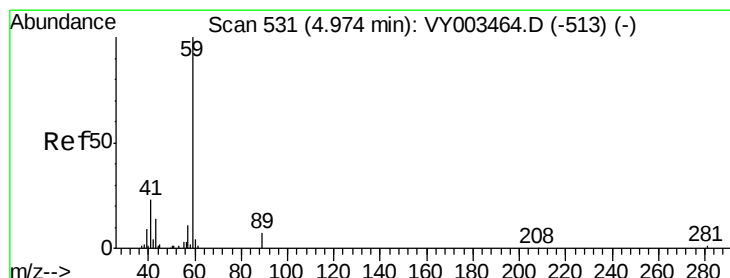
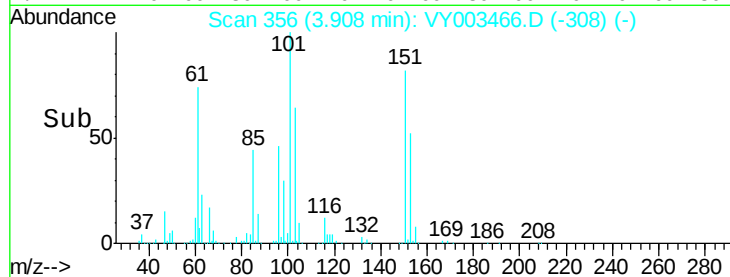
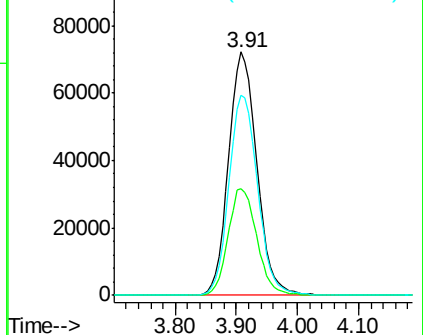
151 83.5 67.6 101.4



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



#11

Tert butyl alcohol

Concen: 716.319 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.00 min

Lab File: VY003466.D

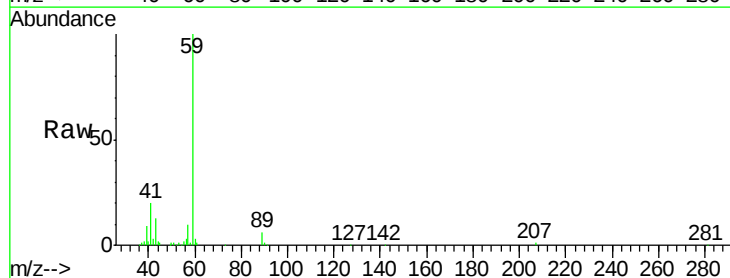
Acq: 02 Nov 2020 12:01

Tgt Ion: 59 Resp: 157452

Ion Ratio Lower Upper

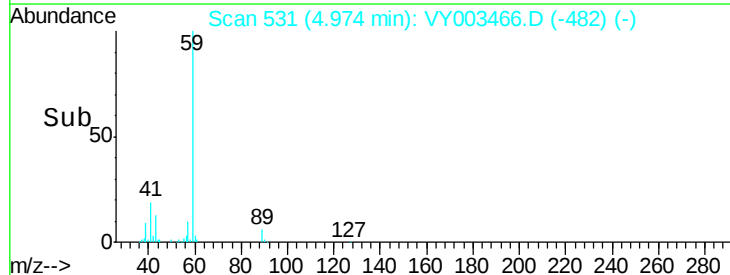
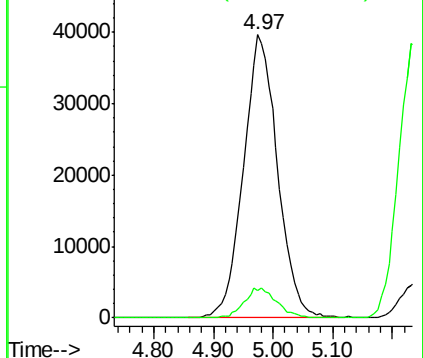
59 100

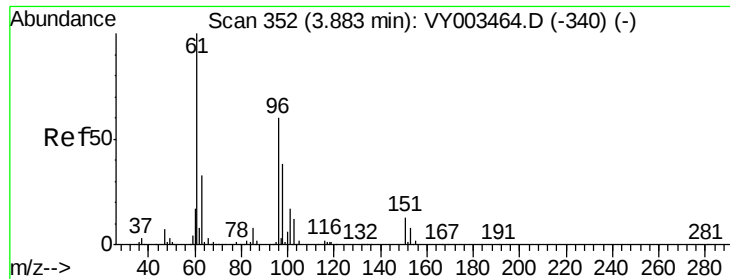
57 10.1 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

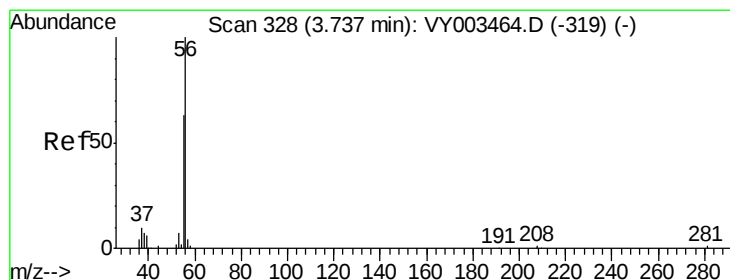
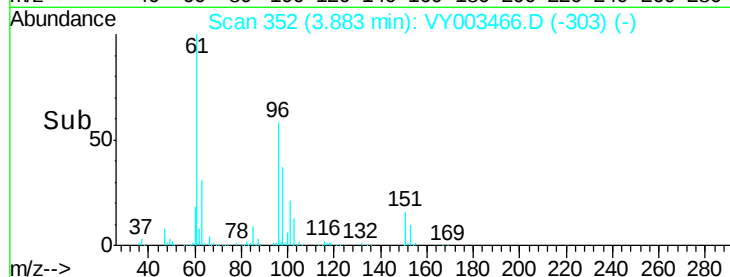
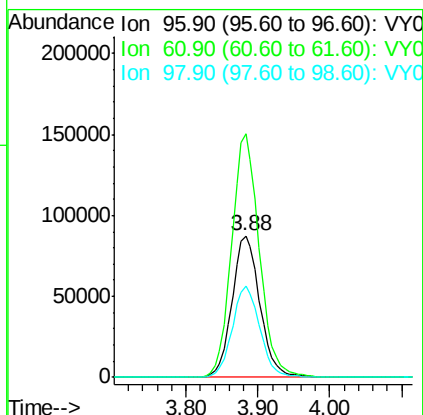
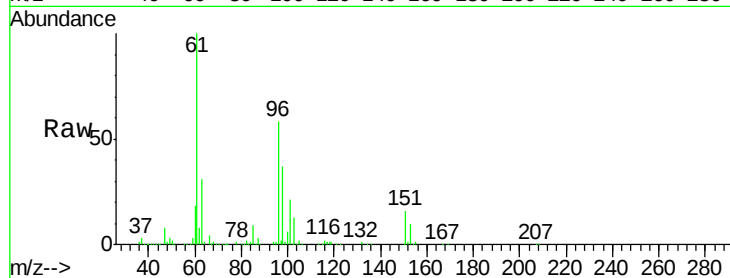




#12
 1,1-Dichloroethene
 Concen: 130.387 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

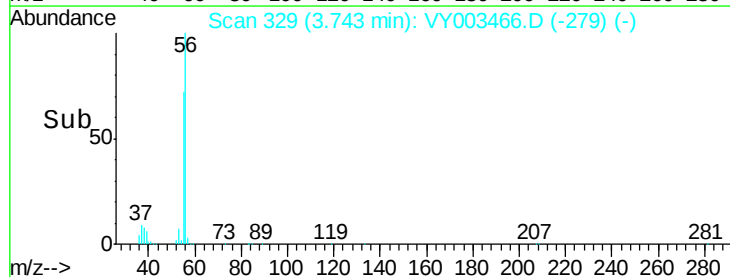
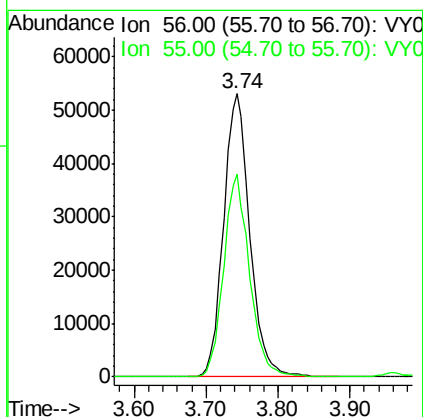
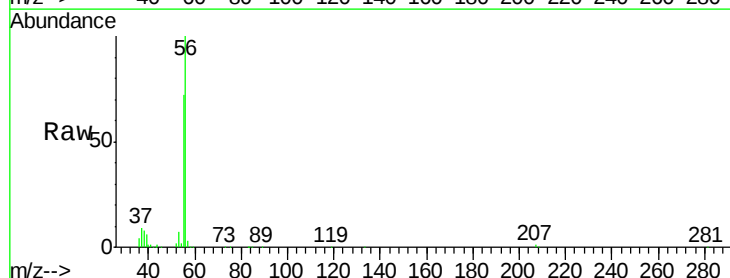
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

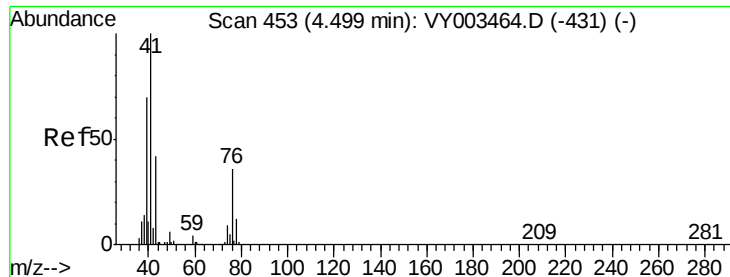
Tot Ion	Ratio	Lower	Upper
96	100		
61	172.0	133.6	200.4
98	64.3	50.2	75.2



#13
 Acrolein
 Concen: 655.807 ug/l
 RT: 3.74 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.6	85.0





#14

Allvl chloride

Concen: 138.225 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

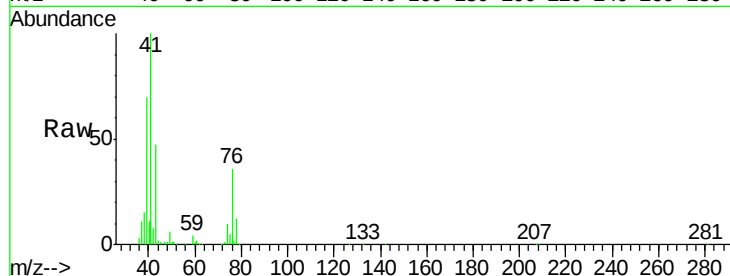
Tot Ion: 41 Resp: 445512

Ion Ratio Lower Upper

41 100

39 67.2 54.4 81.6

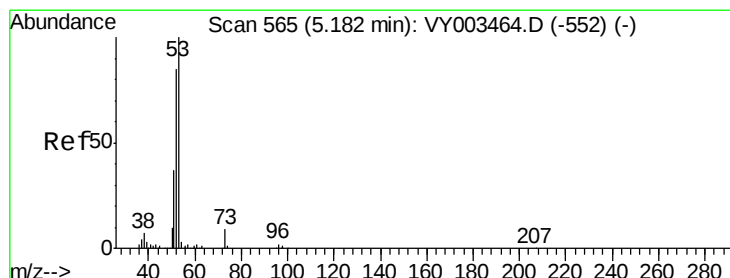
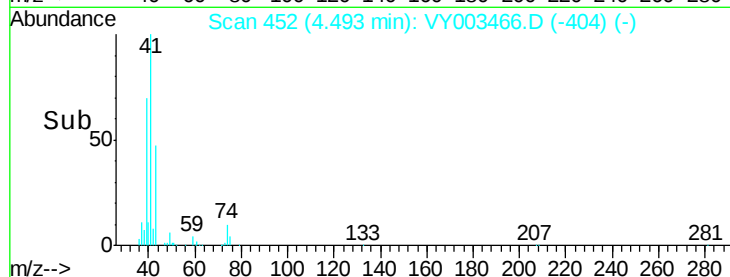
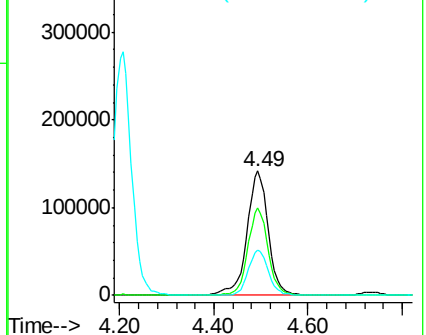
76 34.2 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0



#15

Acrylonitrile

Concen: 748.991 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

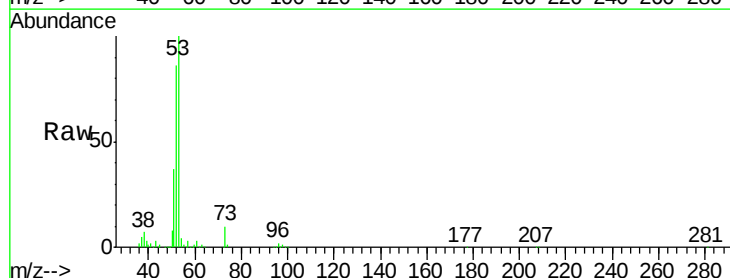
Tgt Ion: 53 Resp: 390981

Ion Ratio Lower Upper

53 100

52 83.5 66.9 100.3

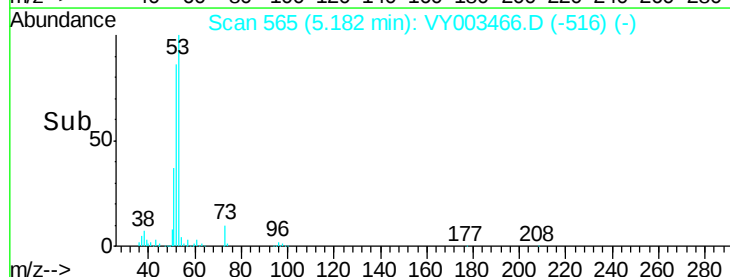
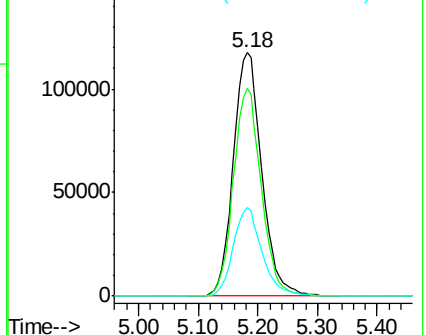
51 36.7 29.3 43.9

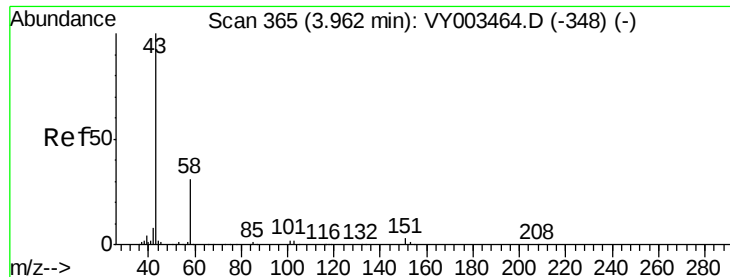


Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0





#16

Acetone

Concen: 938.344 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

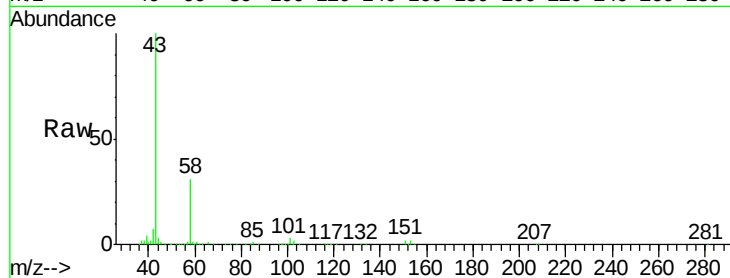
VSTDIC150

Tot Ion: 43 Resp: 558002

Ion Ratio Lower Upper

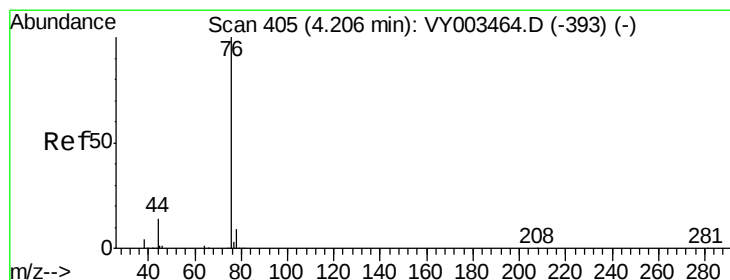
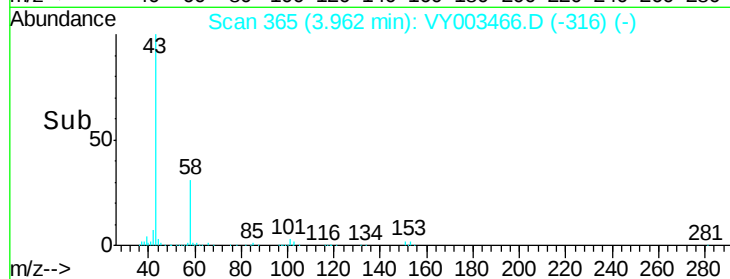
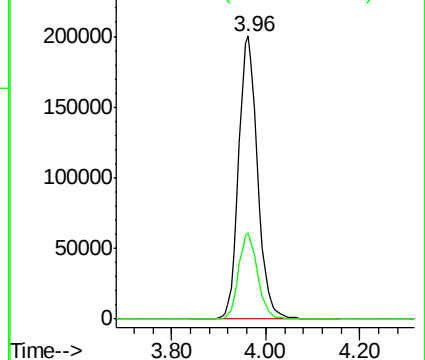
43 100

58 30.7 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 130.355 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.00 min

Lab File: VY003466.D

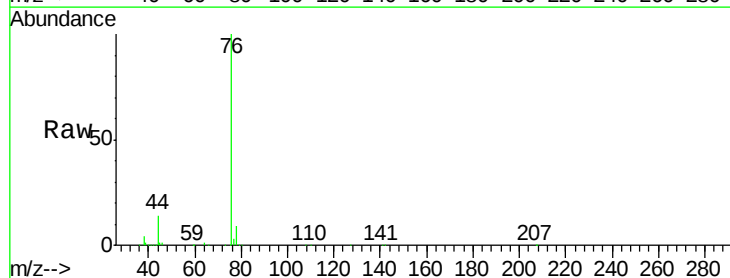
Acq: 02 Nov 2020 12:01

Tgt Ion: 76 Resp: 766024

Ion Ratio Lower Upper

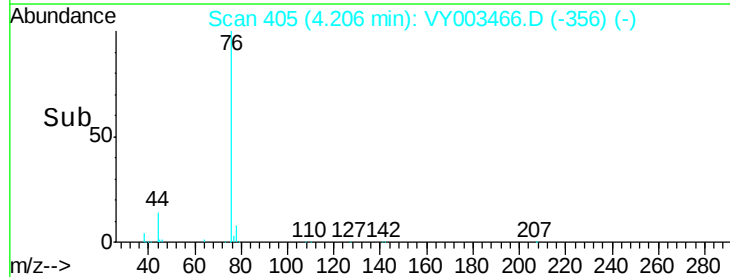
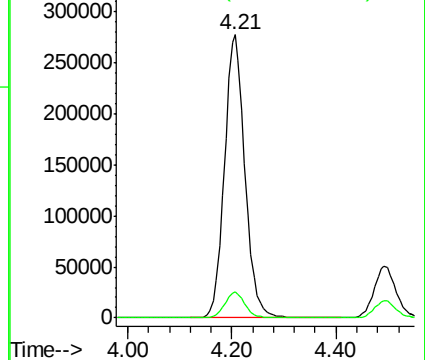
76 100

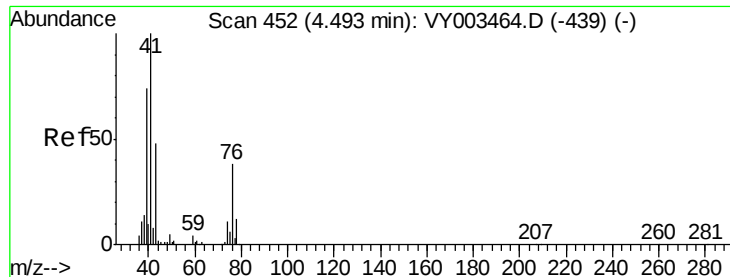
78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

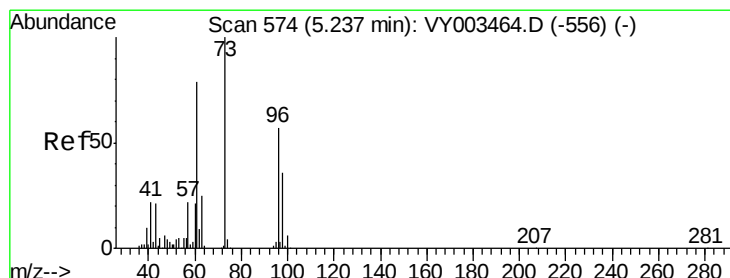
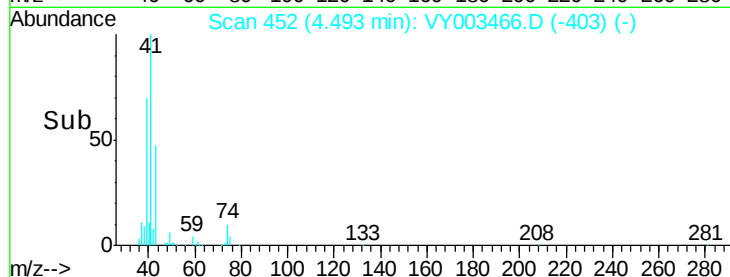
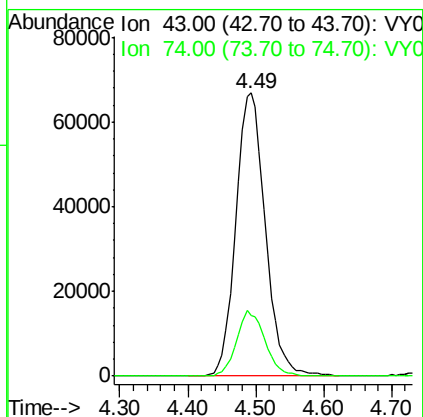
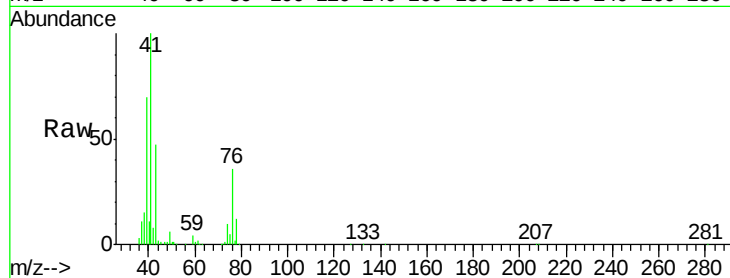




#18
Methvl Acetate
Concen: 149.465 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

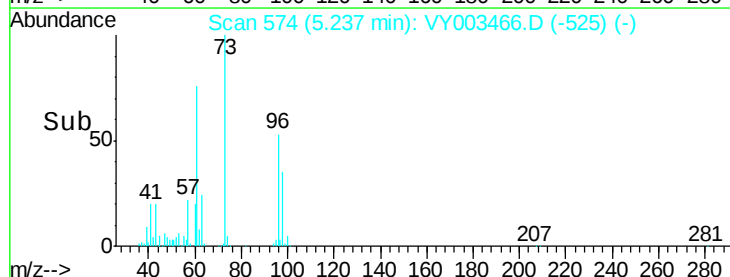
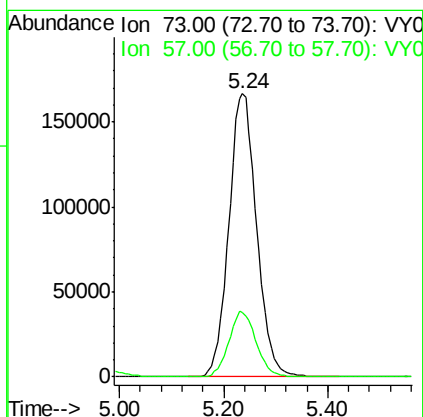
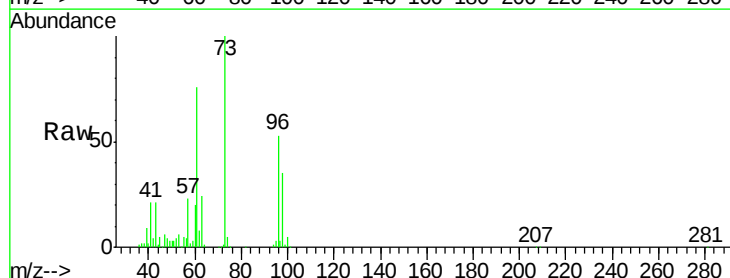
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

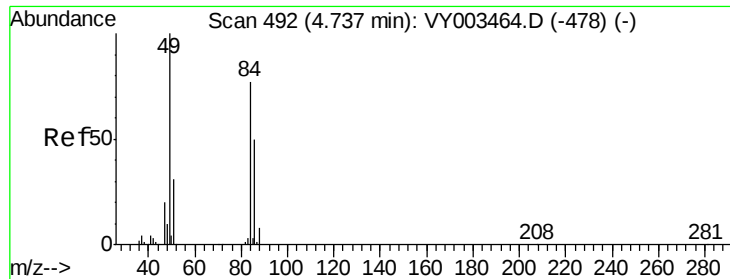
Tot Ion: 43 Resp: 200978
Ion Ratio Lower Upper
43 100
74 22.3 18.4 27.6



#19
Methyl tert-butyl Ether
Concen: 131.889 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 73 Resp: 619897
Ion Ratio Lower Upper
73 100
57 22.8 17.2 25.8

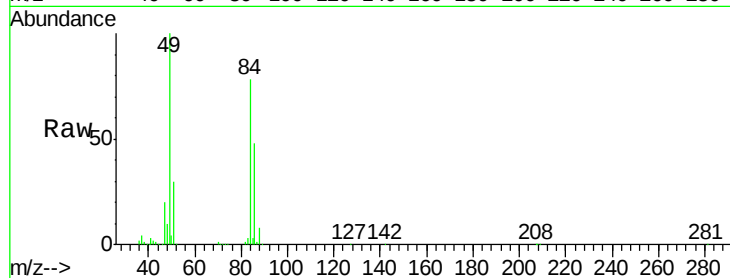




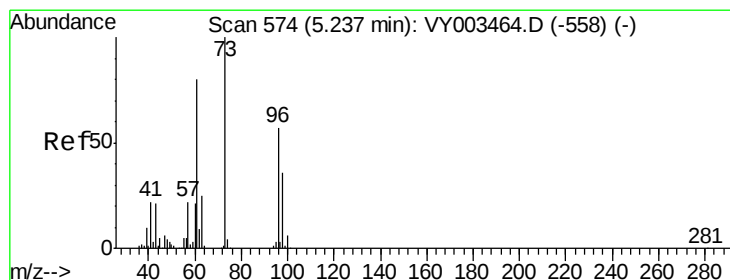
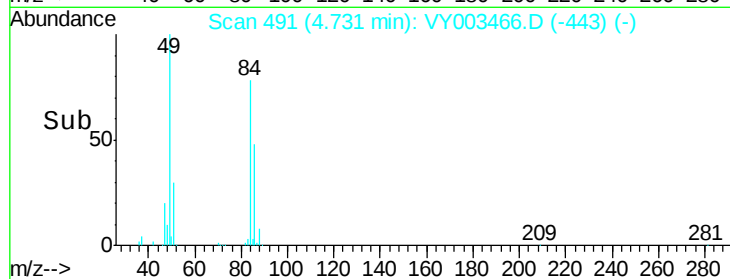
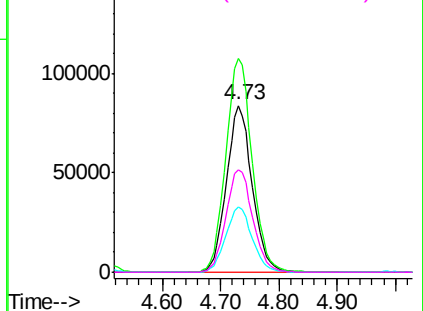
#20
Methvlene Chloride
Concen: 106.742 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:	84	Resp:	257543
Ion	Ratio	Lower	Upper
84	100		
49	128.3	104.3	156.5
51	38.9	32.5	48.7
86	61.2	52.5	78.7

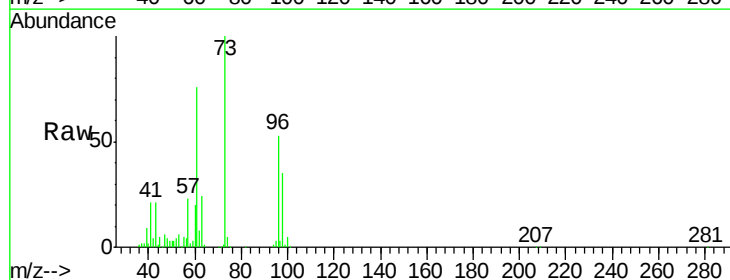


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

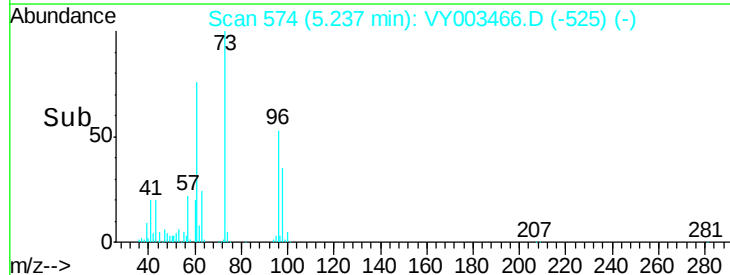
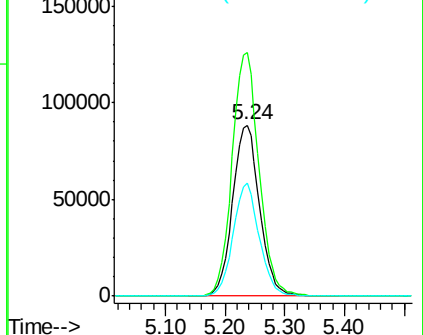


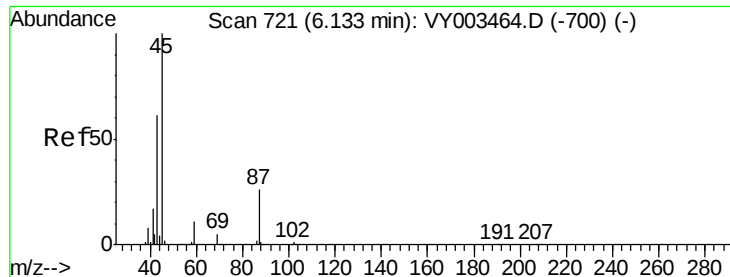
#21
trans-1,2-Dichloroethene
Concen: 131.752 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:	96	Resp:	277875
Ion	Ratio	Lower	Upper
96	100		
61	142.2	111.3	166.9
98	65.7	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



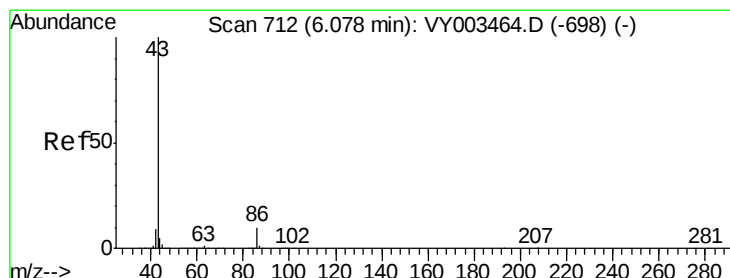
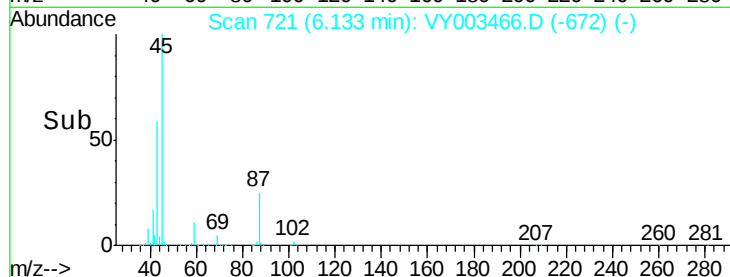
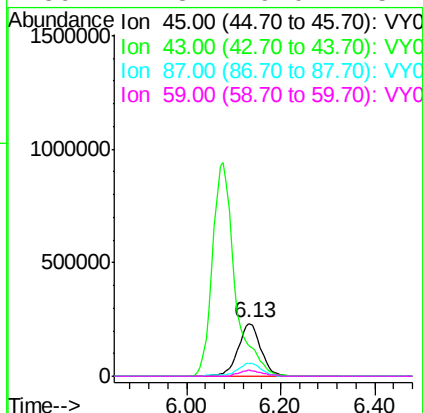
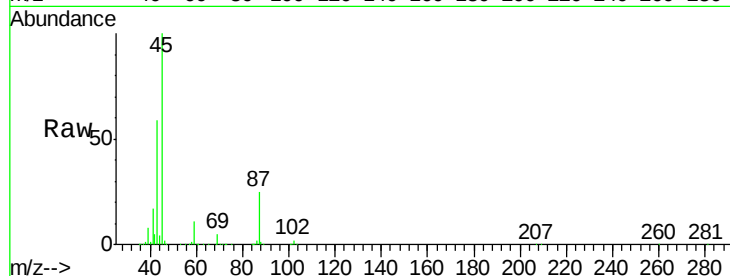


#22

Diisopropyl ether
 Concen: 130.068 ug/l
 RT: 6.13 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

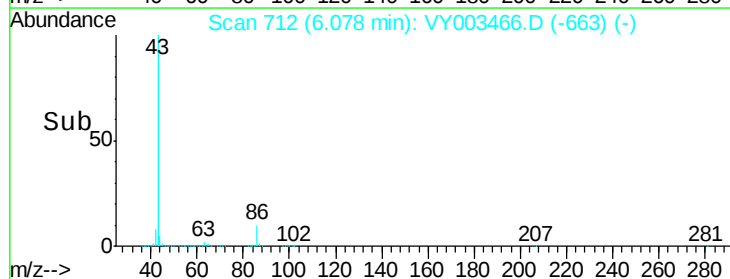
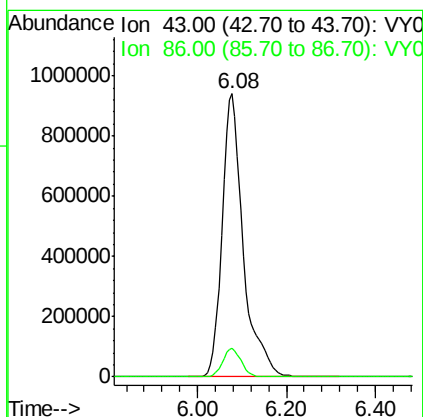
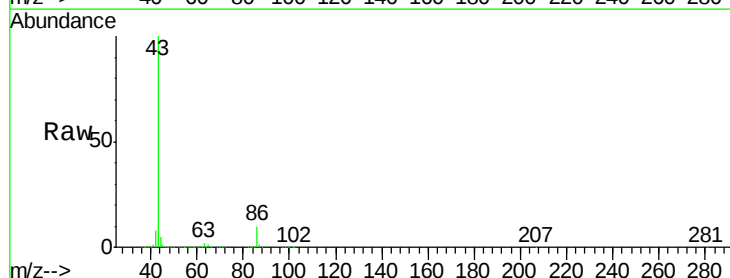
Tot Ion:	45	Resp:	776566
Ion	Ratio	Lower	Upper
45	100		
43	58.5	48.8	73.2
87	25.4	20.6	31.0
59	11.3	9.0	13.4

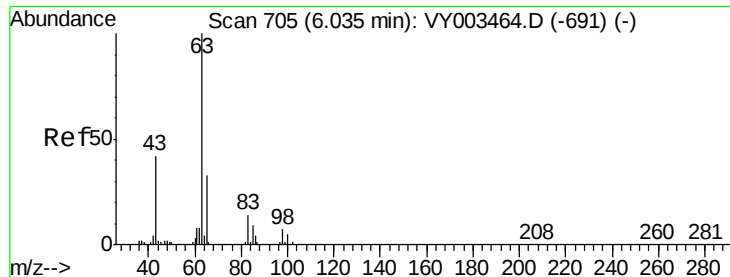


#23

Vinyl Acetate
 Concen: 705.349 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion:	43	Resp:	3098667
Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.2	12.2





#24

1,1-Dichloroethane

Concen: 131.300 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

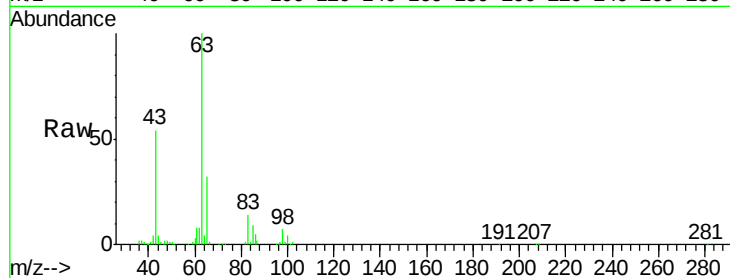
Tot Ion: 63 Resp: 488373

Ion Ratio Lower Upper

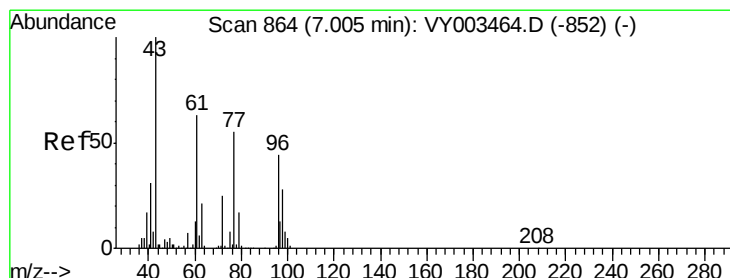
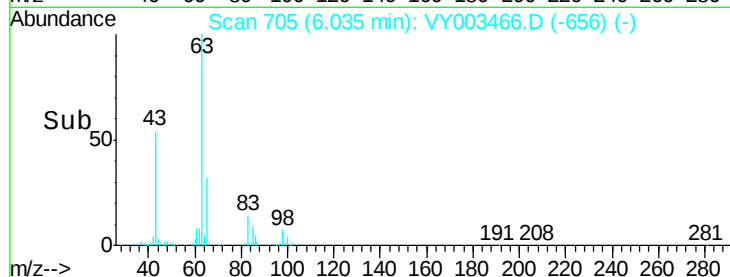
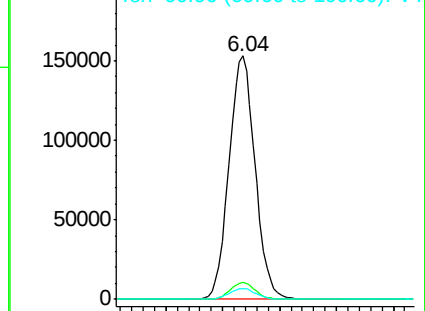
63 100

98 7.0 3.6 10.8

100 4.2 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



#25

2-Butanone

Concen: 850.060 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003466.D

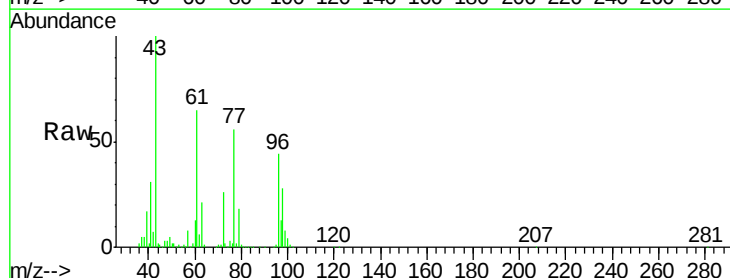
Acq: 02 Nov 2020 12:01

Tgt Ion: 43 Resp: 702193

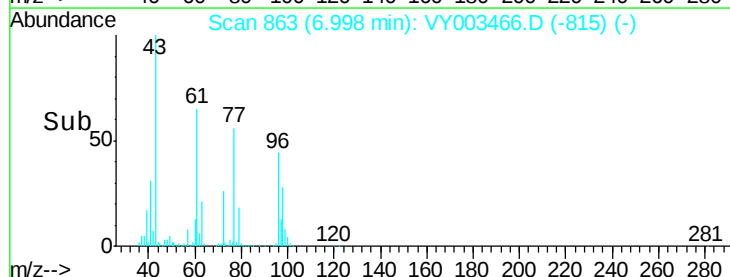
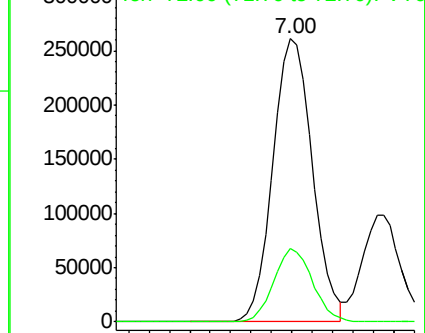
Ion Ratio Lower Upper

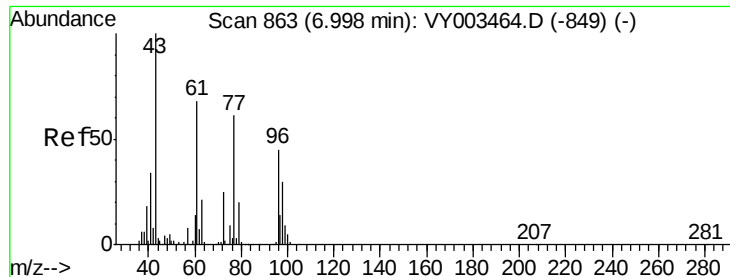
43 100

72 26.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#26

2,2-Dichloropropane

Concen: 133.702 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

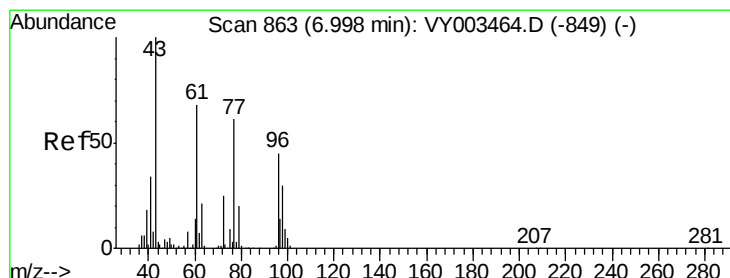
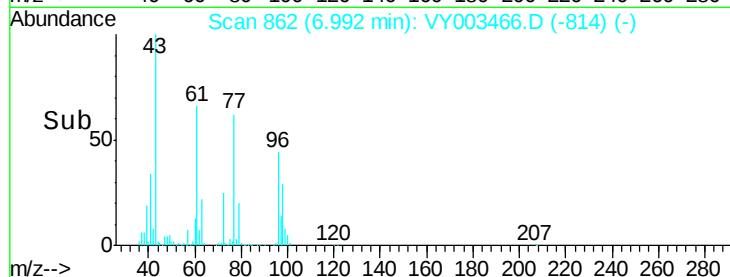
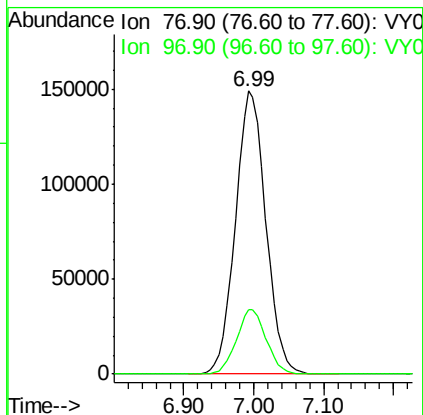
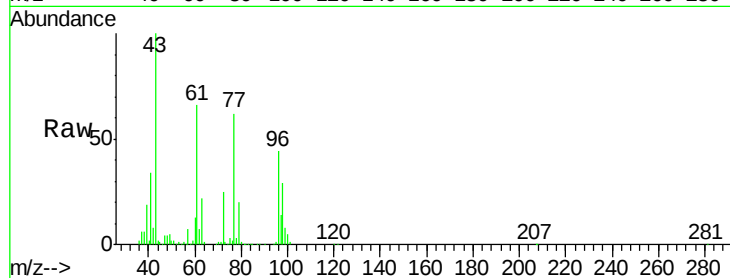
VSTDIC150

Tot Ion: 77 Resp: 448721

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



#27

cis-1,2-Dichloroethene

Concen: 131.359 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

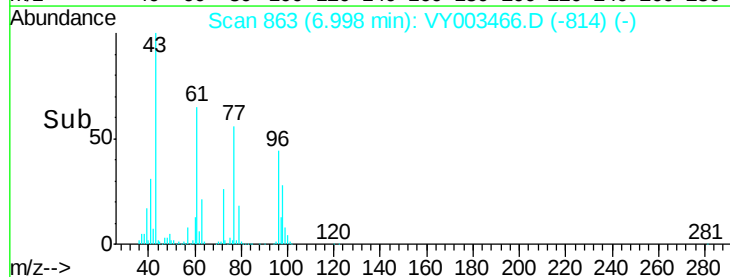
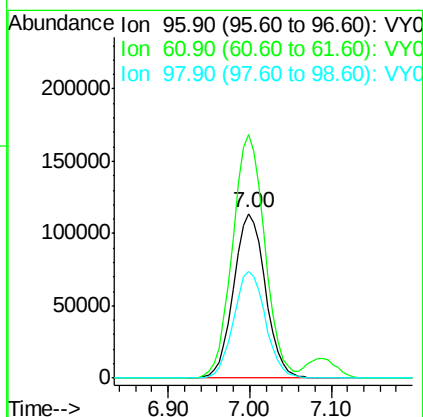
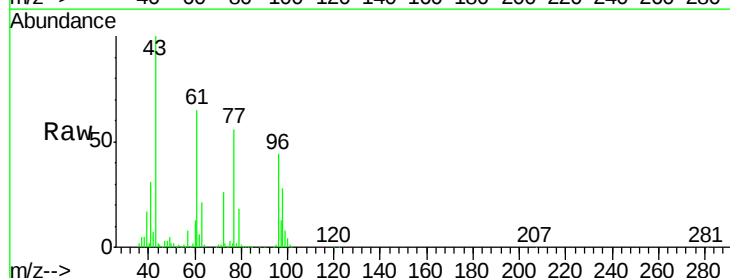
Tgt Ion: 96 Resp: 307280

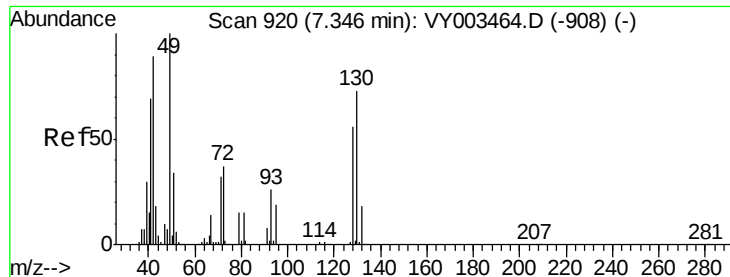
Ion Ratio Lower Upper

96 100

61 149.5 0.0 299.2

98 65.1 0.0 128.6





#28

Bromochloromethane

Concen: 157.022 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

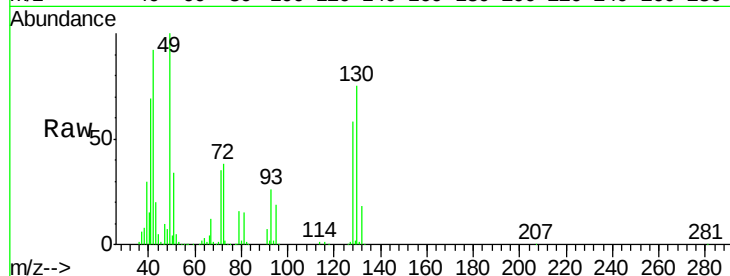
Tot Ion: 49 Resp: 286301

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

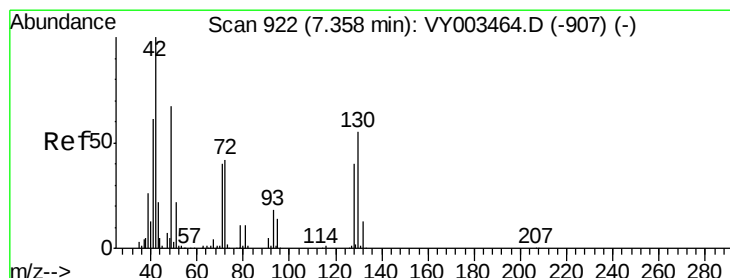
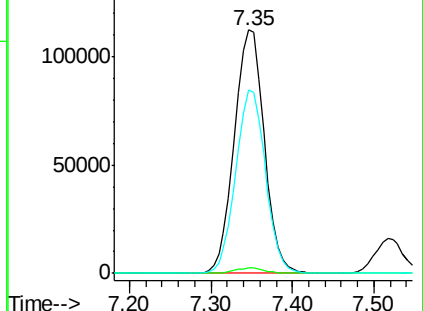
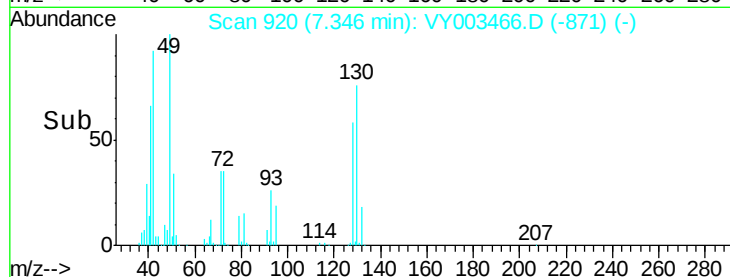
130 75.0 60.0 90.0



Abundance Ion 48.90 (48.60 to 49.60): VY003466.D (-871) (-)

Ion 128.80 (128.50 to 129.50): VY003466.D (-871) (-)

Ion 129.80 (129.50 to 130.50): VY003466.D (-871) (-)



#29

Tetrahydrofuran

Concen: 762.549 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

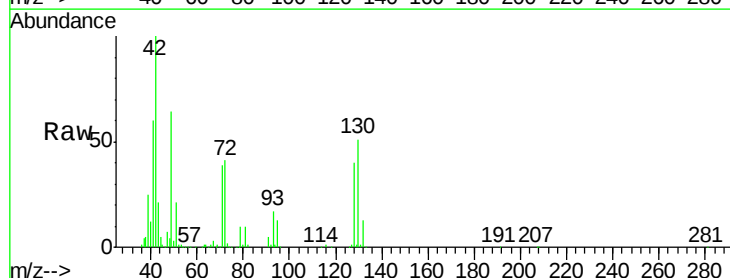
Tgt Ion: 42 Resp: 358782

Ion Ratio Lower Upper

42 100

72 41.0 32.8 49.2

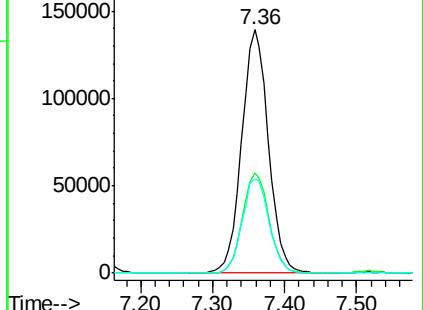
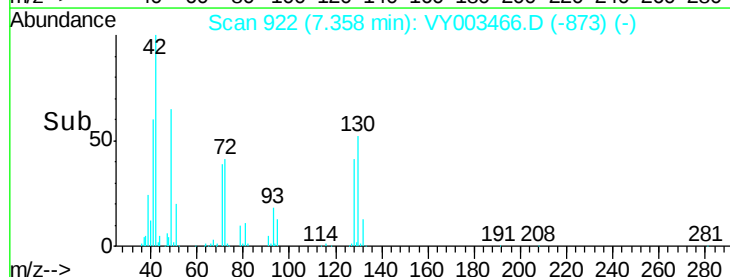
71 39.0 30.7 46.1

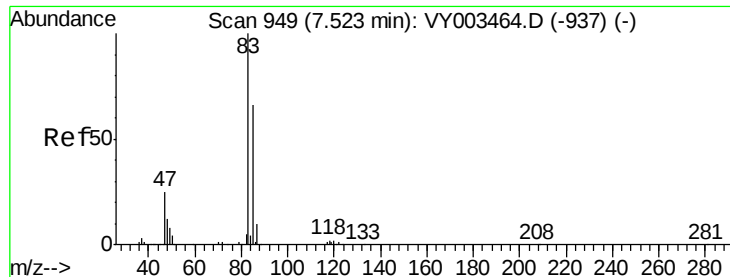


Abundance Ion 42.00 (41.70 to 42.70): VY003466.D (-873) (-)

Ion 72.00 (71.70 to 72.70): VY003466.D (-873) (-)

Ion 71.00 (70.70 to 71.70): VY003466.D (-873) (-)

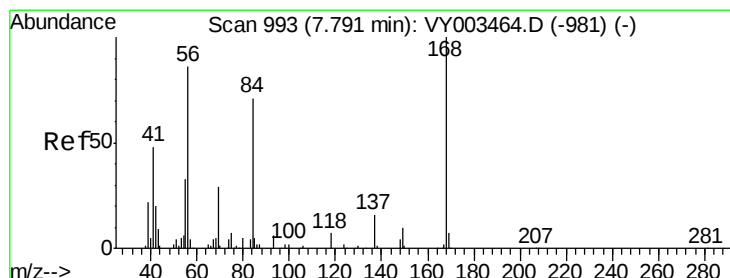
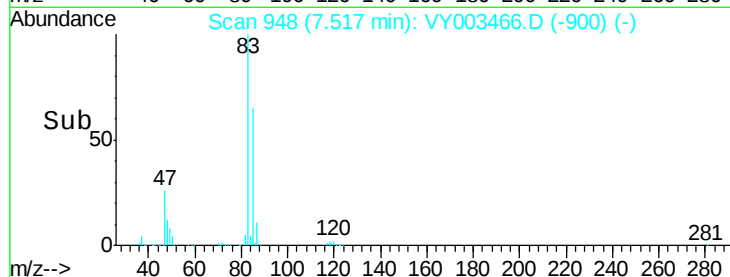
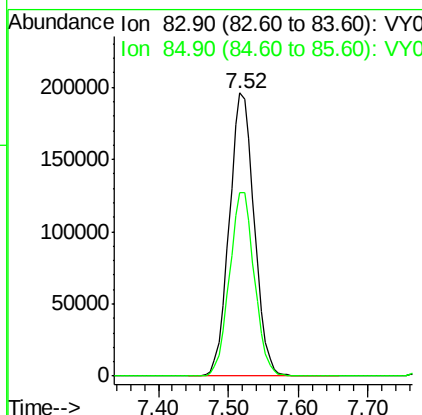
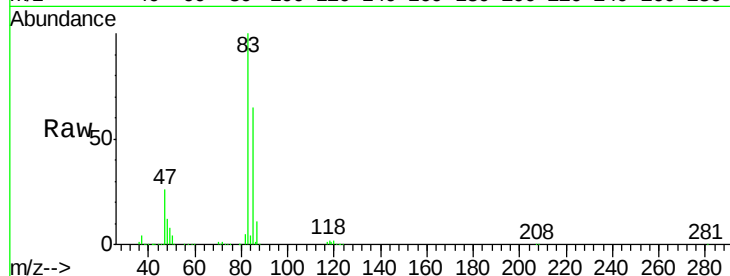




#30
Chloroform
Concen: 129.170 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

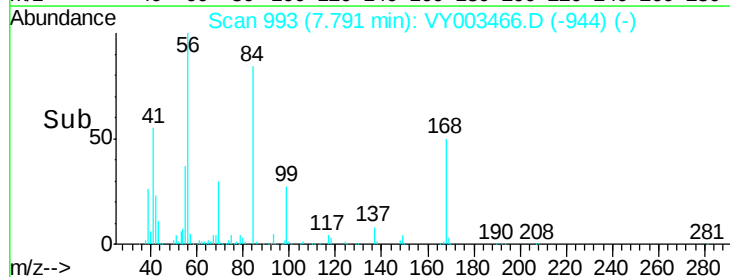
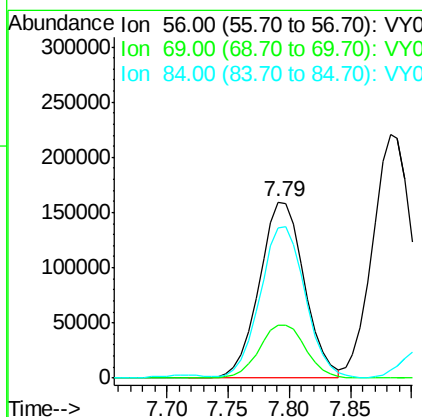
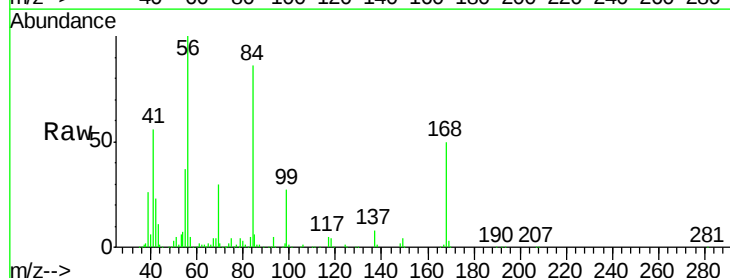
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

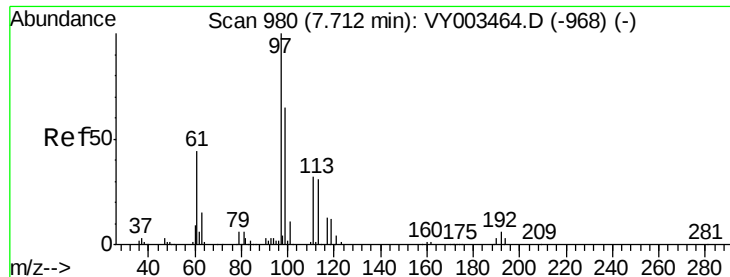
Tot Ion: 83 Resp: 484554
Ion Ratio Lower Upper
83 100
85 64.8 52.6 79.0



#31
Cyclohexane
Concen: 122.545 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 56 Resp: 408486
Ion Ratio Lower Upper
56 100
69 30.2 26.6 39.8
84 83.9 65.9 98.9





#32

1,1,1-Trichloroethane

Concen: 129.918 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

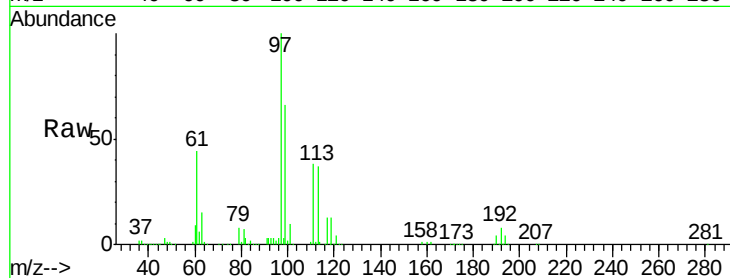
Tot Ion: 97 Resp: 448154

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

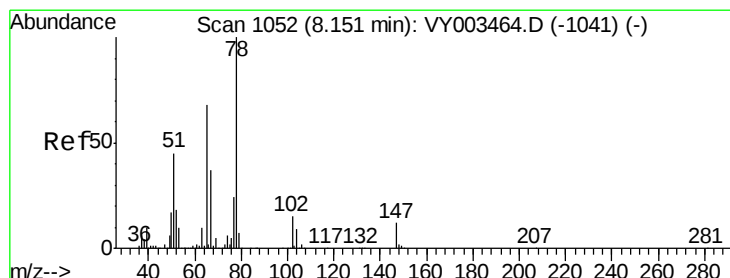
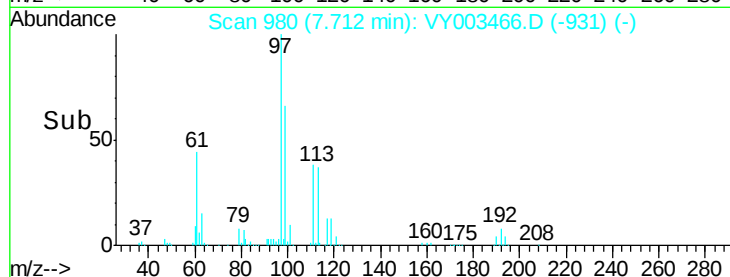
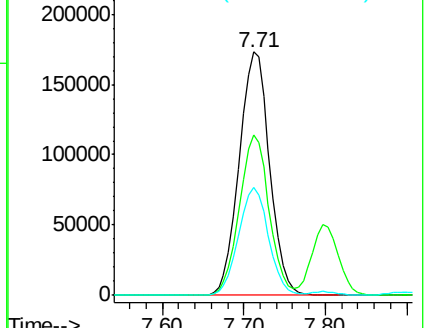
61 43.8 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VY003466.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY003466.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY003466.D (-931) (-)



#33

1,2-Dichloroethane-d4

Concen: 149.831 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY003466.D

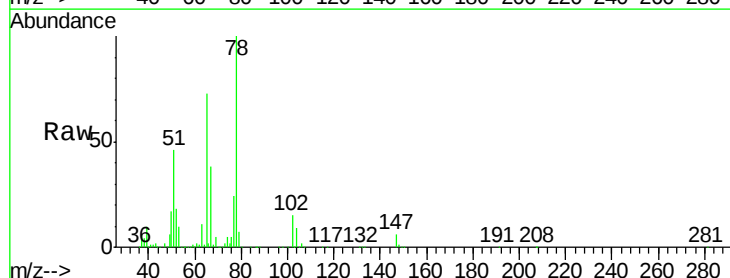
Acq: 02 Nov 2020 12:01

Tgt Ion: 65 Resp: 339003

Ion Ratio Lower Upper

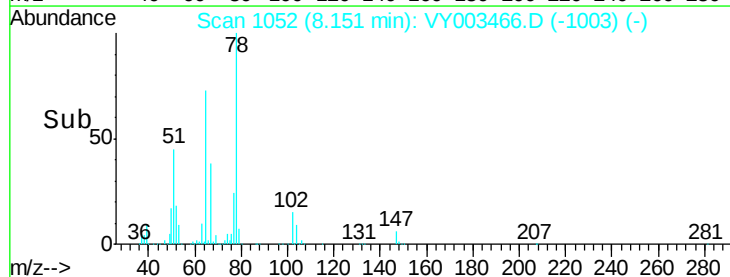
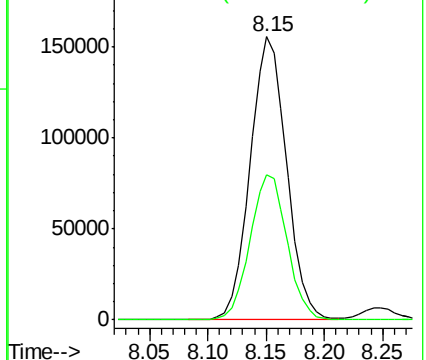
65 100

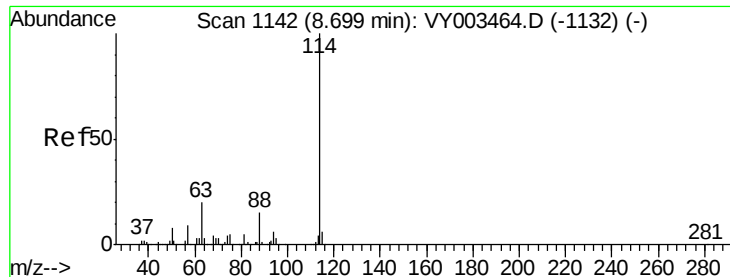
67 52.2 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003466.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY003466.D (-1003) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

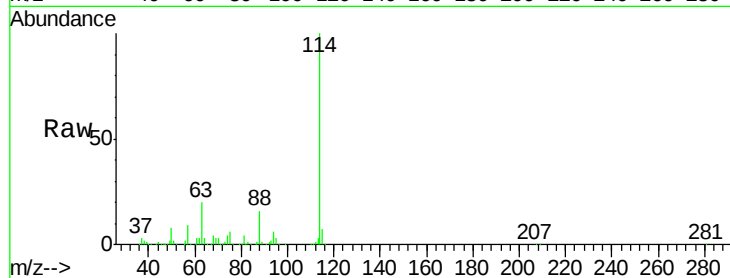
Tot Ion:114 Resp: 322537

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

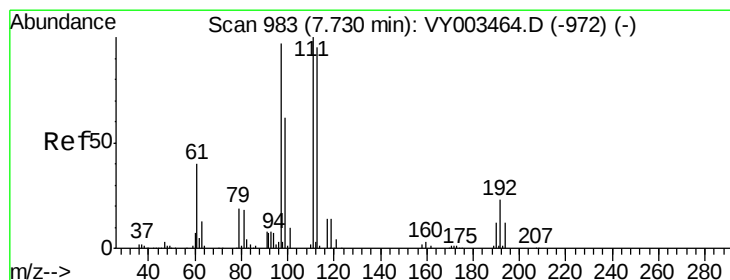
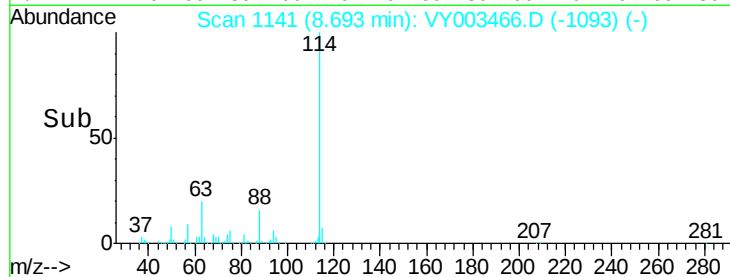
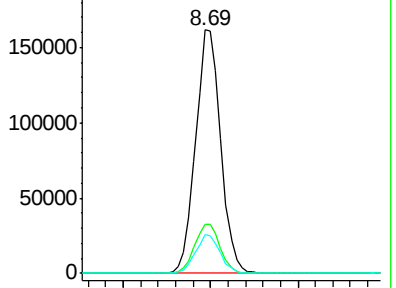
88 15.8 0.0 29.4



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: 150.992 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

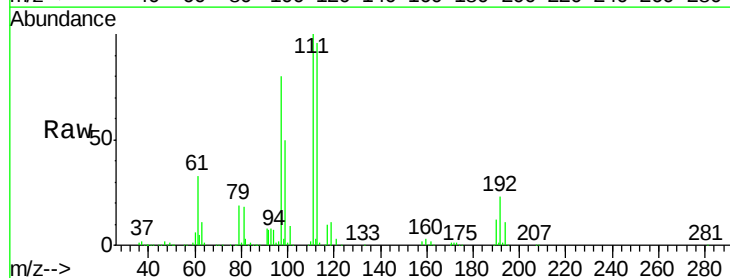
Tgt Ion:113 Resp: 291209

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

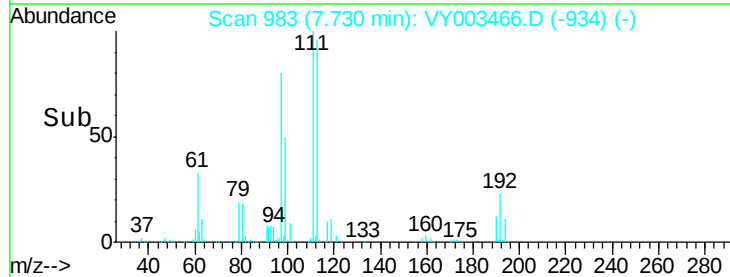
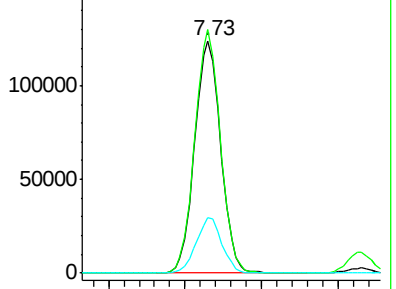
192 23.7 18.8 28.2

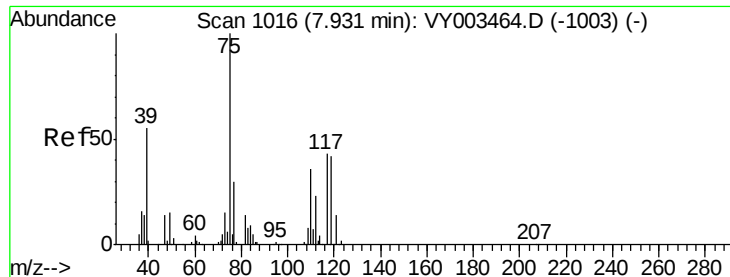


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 130.527 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

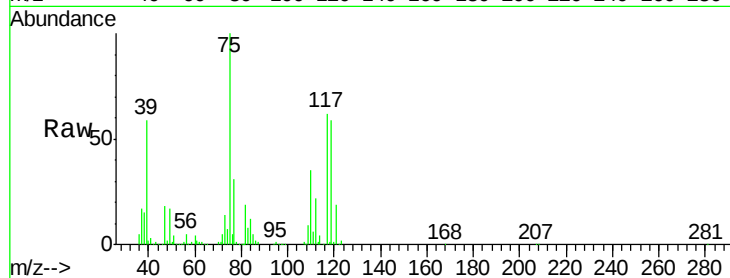
Tot Ion: 75 Resp: 396085

Ion Ratio Lower Upper

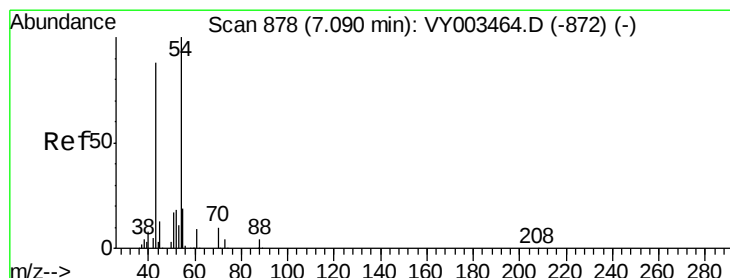
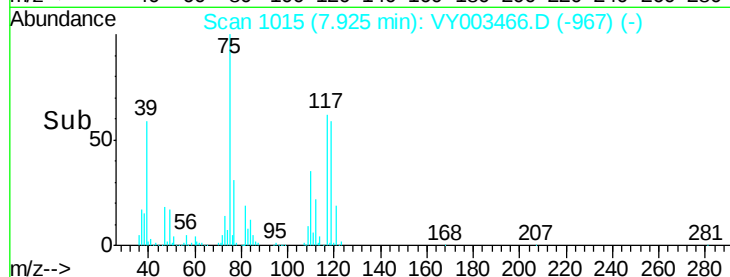
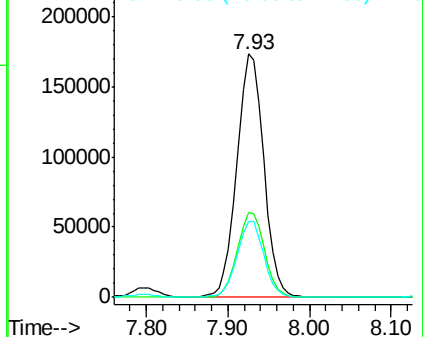
75 100

110 35.1 17.6 52.9

77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): VY0
Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 147.452 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

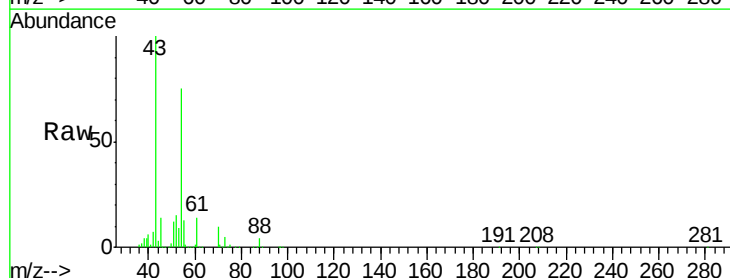
Tgt Ion: 43 Resp: 264449

Ion Ratio Lower Upper

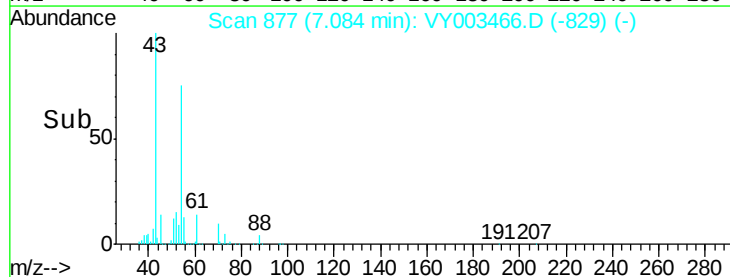
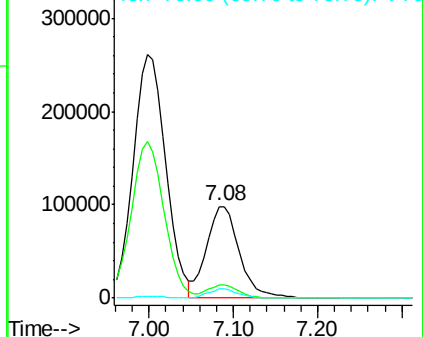
43 100

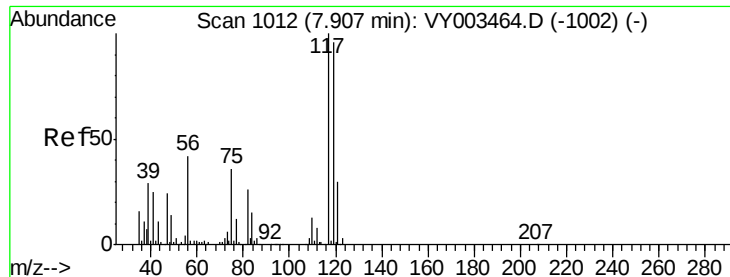
61 13.0 11.0 16.6

70 9.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0





#38

Carbon Tetrachloride

Concen: 129.034 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

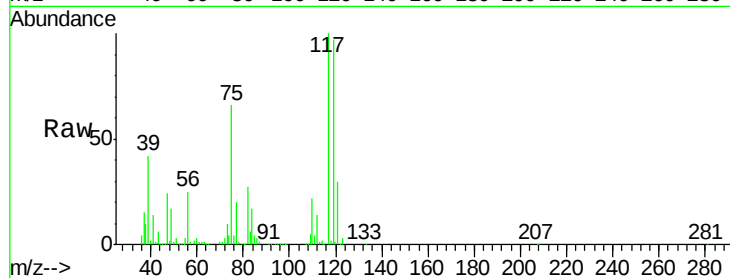
Tot Ion:117 Resp: 409365

Ion Ratio Lower Upper

117 100

119 96.8 76.2 114.4

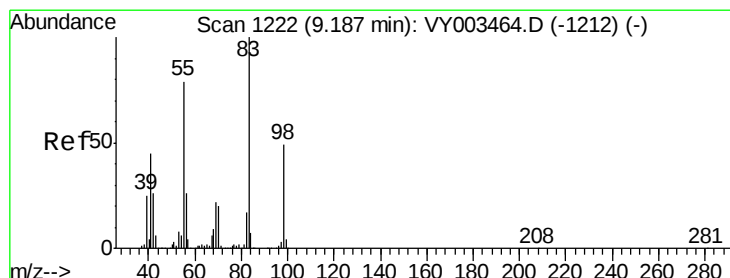
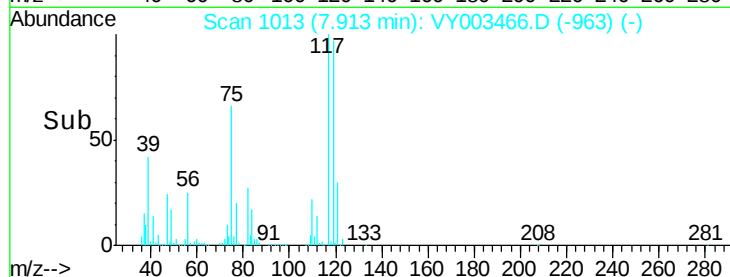
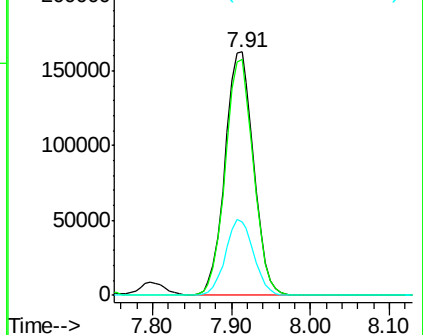
121 30.4 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 128.055 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

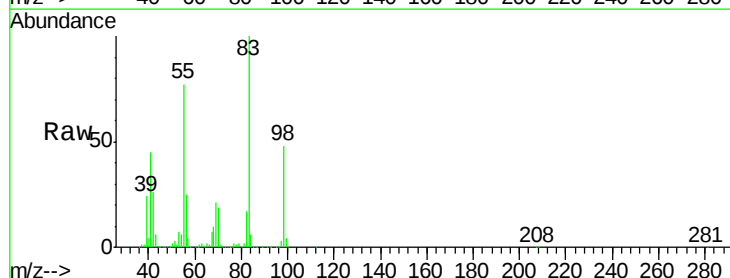
Tgt Ion: 83 Resp: 428317

Ion Ratio Lower Upper

83 100

55 77.4 63.5 95.3

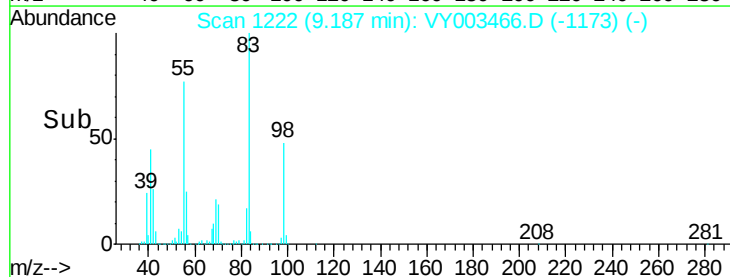
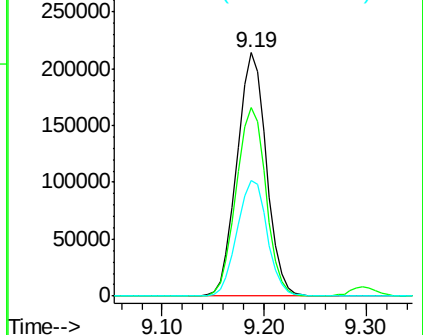
98 47.8 39.4 59.2

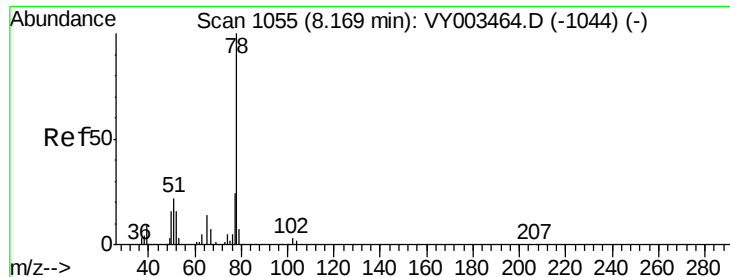


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 129.937 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

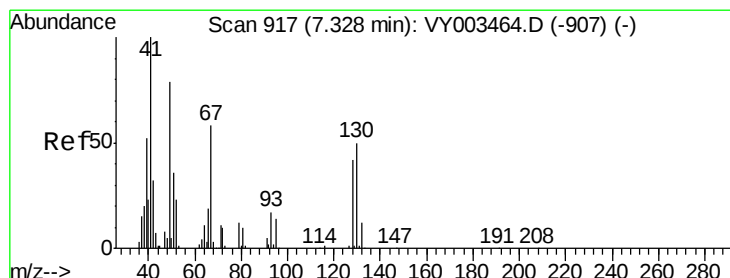
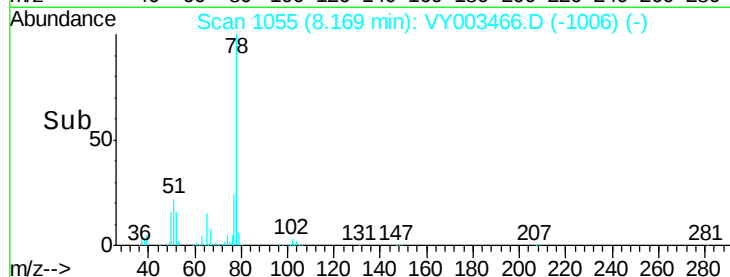
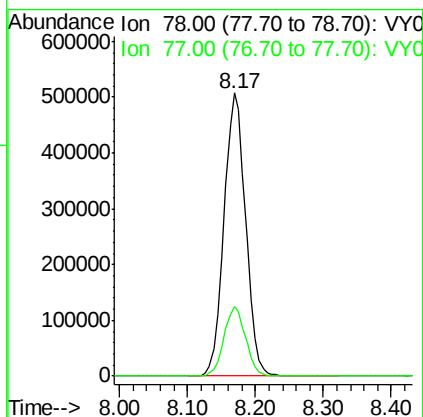
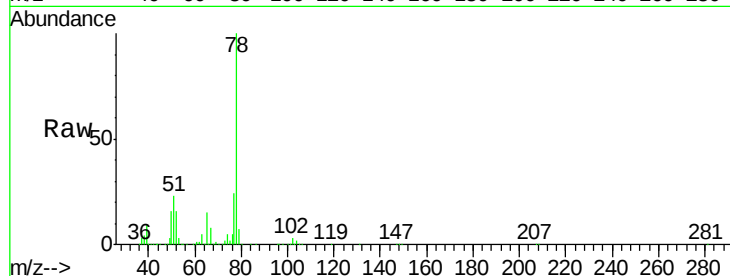
VSTDIC150

Tot Ion: 78 Resp: 1113767

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0



#41

Methacrylonitrile

Concen: 154.091 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Tgt Ion: 41 Resp: 140563

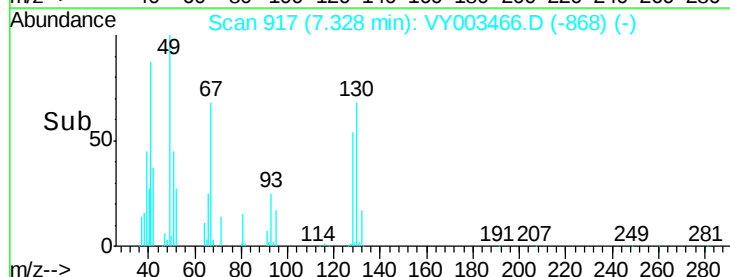
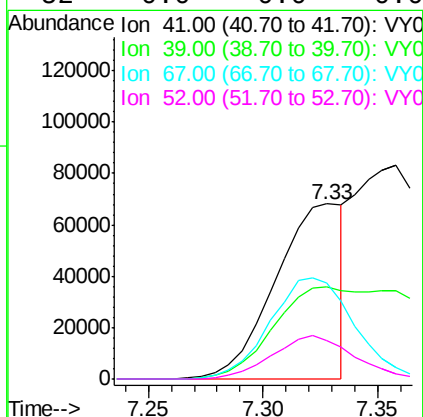
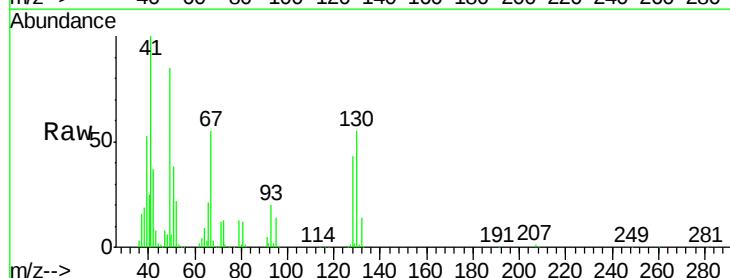
Ion Ratio Lower Upper

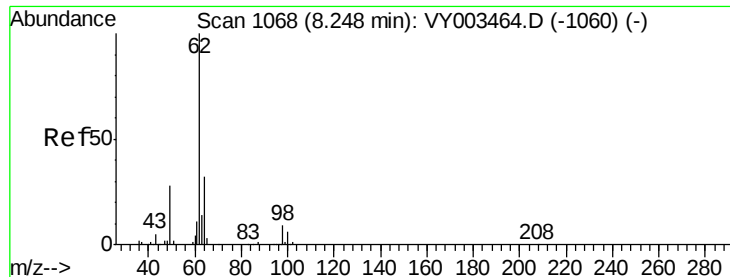
41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 128.168 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

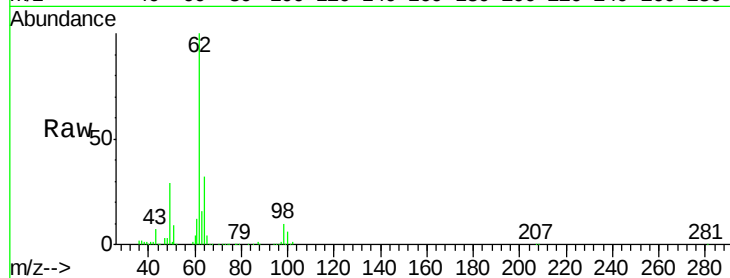
VSTDIC150

Tot Ion: 62 Resp: 348630

Ion Ratio Lower Upper

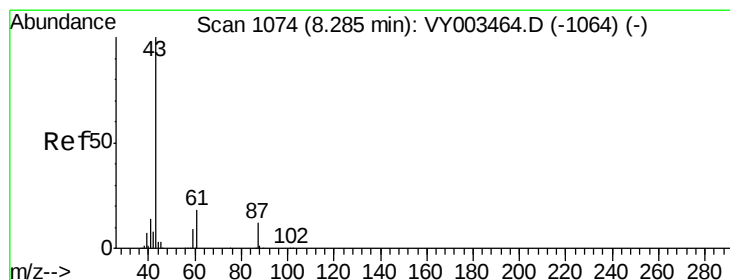
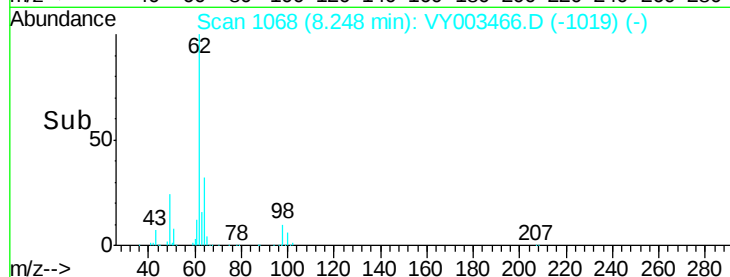
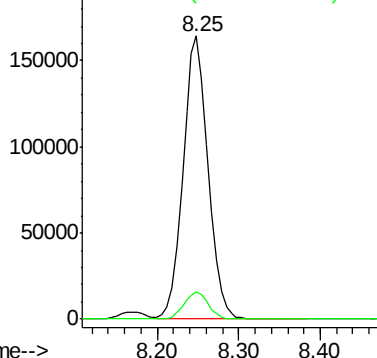
62 100

98 9.4 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: 142.682 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

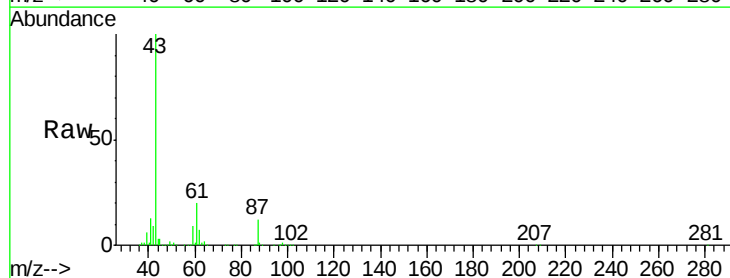
Tgt Ion: 43 Resp: 476838

Ion Ratio Lower Upper

43 100

61 27.3 21.9 32.9

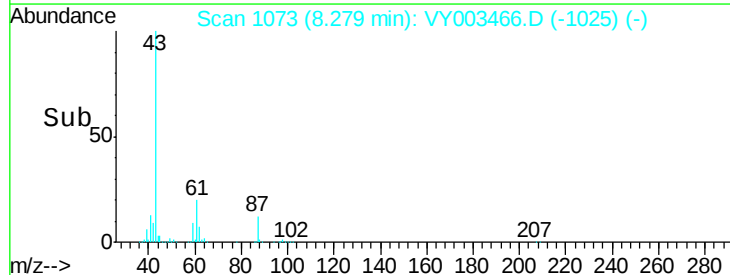
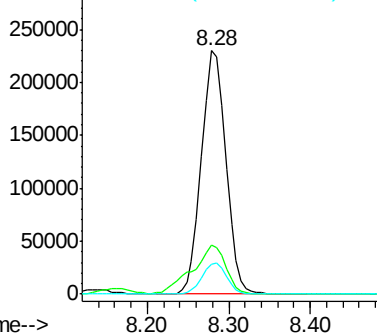
87 12.7 10.0 15.0

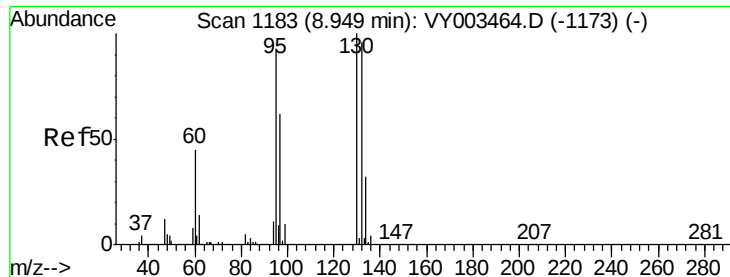


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#44

Trichloroethene

Concen: 123.389 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

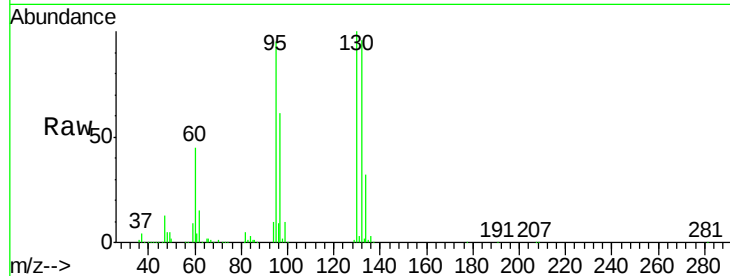
VSTDIC150

Tot Ion:130 Resp: 309484

Ion Ratio Lower Upper

130 100

95 95.0 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003466.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY003466.D (-1173) (-)

8.94

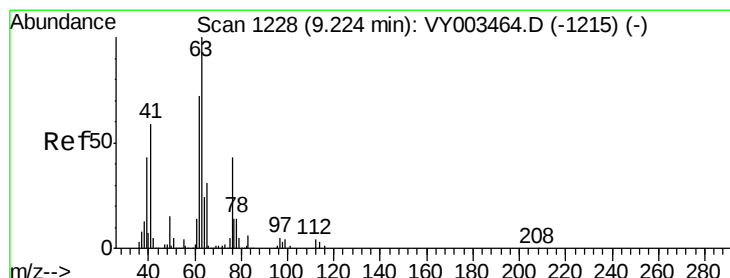
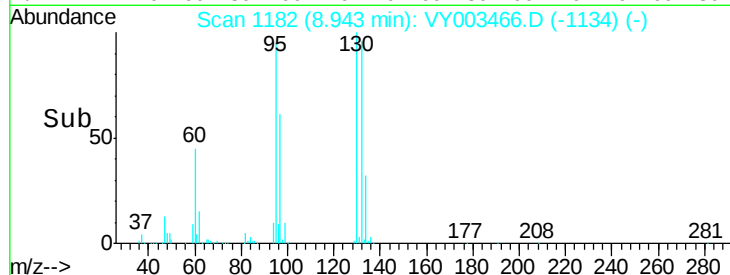
150000

100000

50000

0

Time--> 8.80 8.90 9.00 9.10



#45

1,2-Dichloropropane

Concen: 128.980 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY003466.D

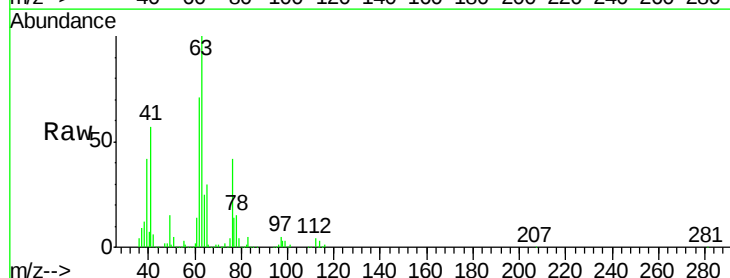
Acq: 02 Nov 2020 12:01

Tgt Ion: 63 Resp: 280983

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VY003466.D (-1215) (-)

Ion 64.90 (64.60 to 65.60): VY003466.D (-1215) (-)

9.22

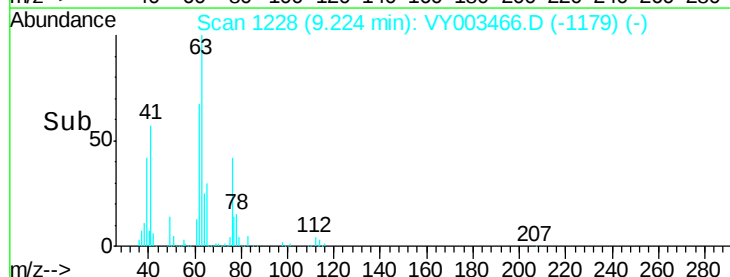
150000

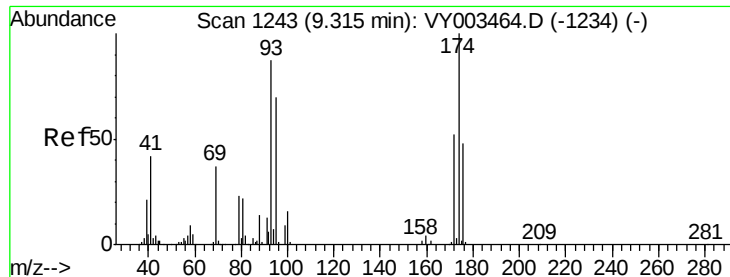
100000

50000

0

Time--> 9.10 9.20 9.30

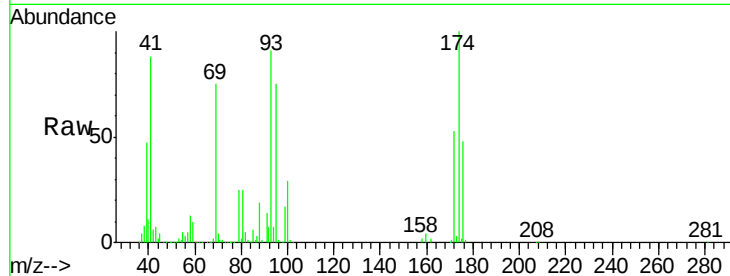




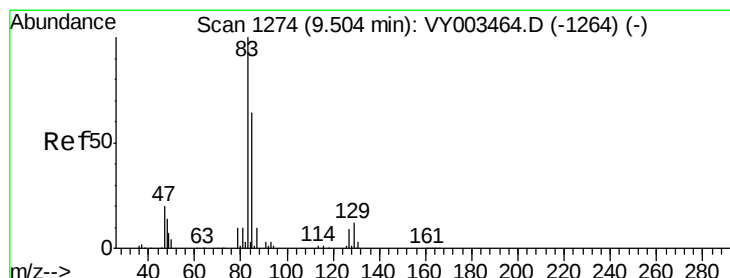
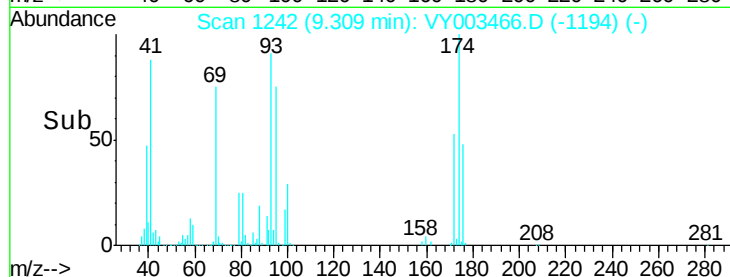
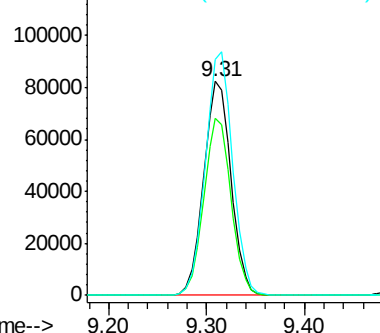
#46
Dibromomethane
Concen: 129.902 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 93 Resp: 159712
Ion Ratio Lower Upper
93 100
95 82.4 65.0 97.6
174 113.2 91.8 137.6

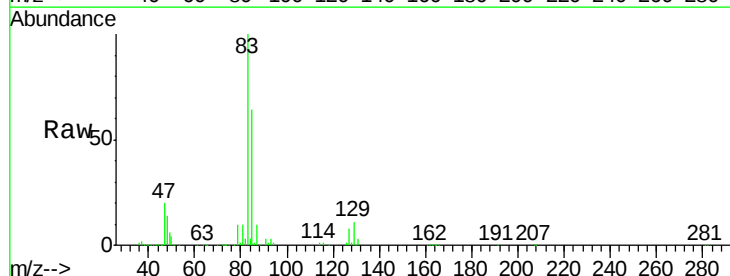


Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V

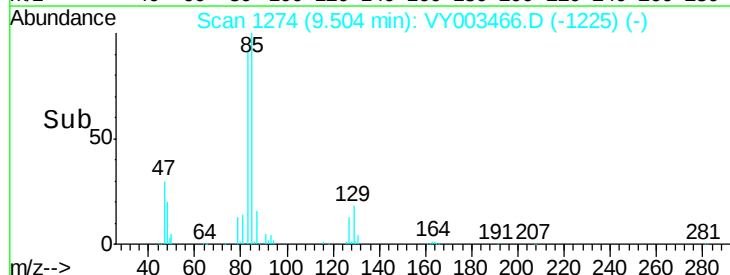
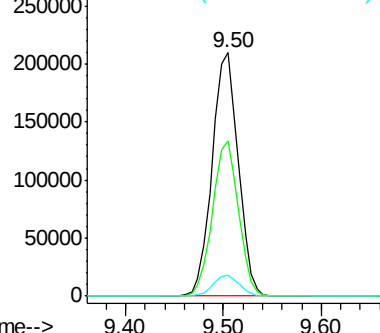


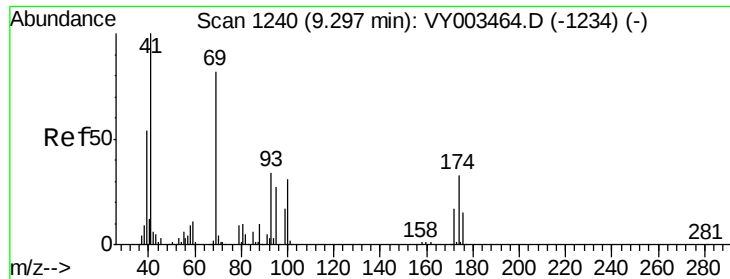
#47
Bromodichloromethane
Concen: 129.041 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 83 Resp: 389331
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.6
127 8.5 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): V

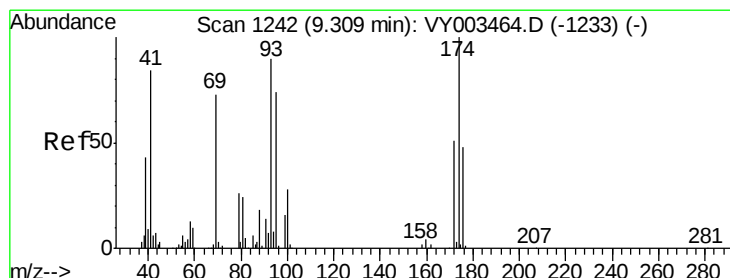
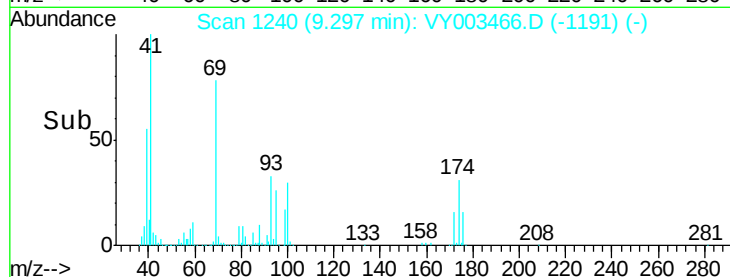
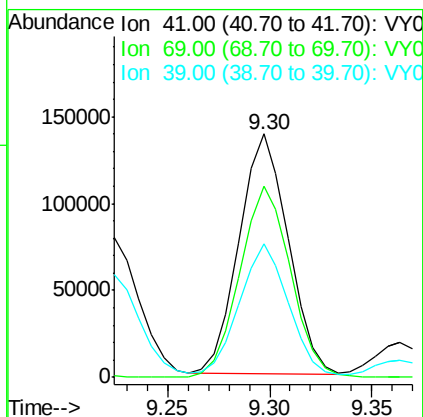
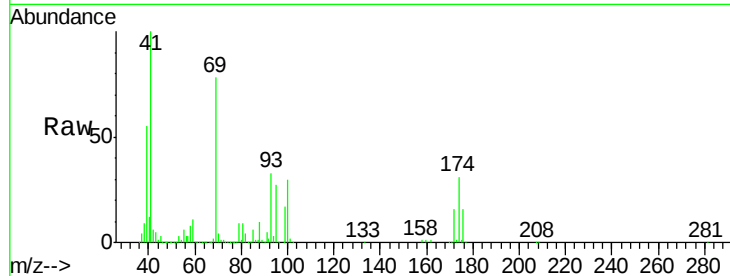




#48
Methvl methacrylate
Concen: 146.072 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

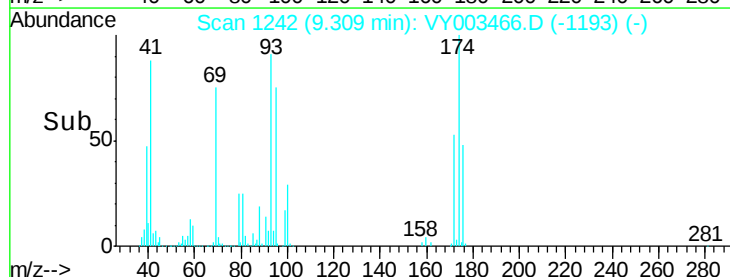
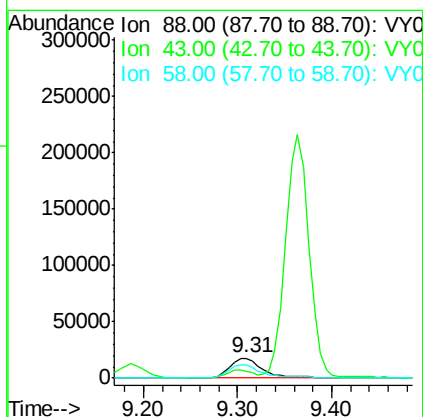
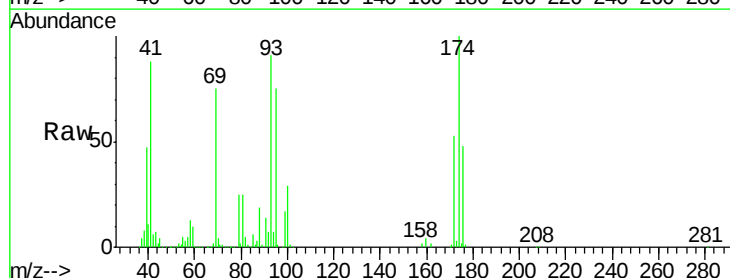
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

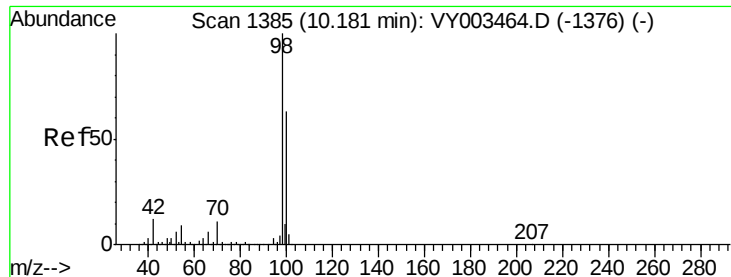
Tot Ion: 41 Resp: 231048
Ion Ratio Lower Upper
41 100
69 82.3 65.9 98.9
39 56.3 43.2 64.8



#49
1,4-Dioxane
Concen: 2988.643 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 88 Resp: 43772
Ion Ratio Lower Upper
88 100
43 31.7 27.6 41.4
58 75.1 54.2 81.2





#50

Toluene-d8

Concen: 150.313 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

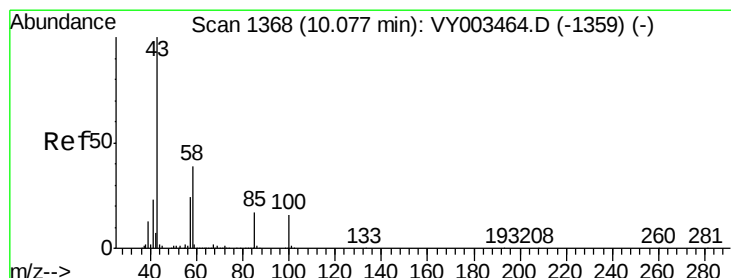
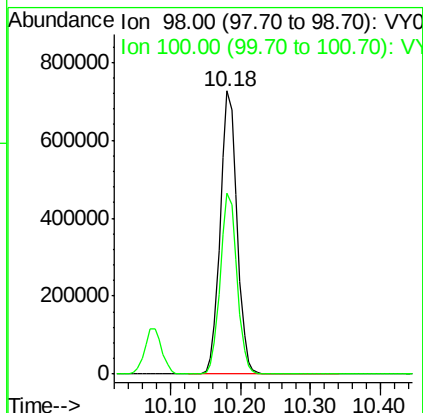
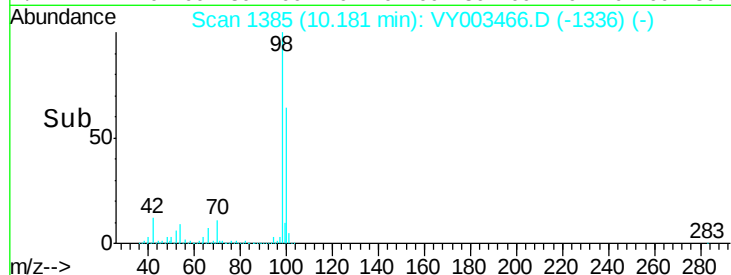
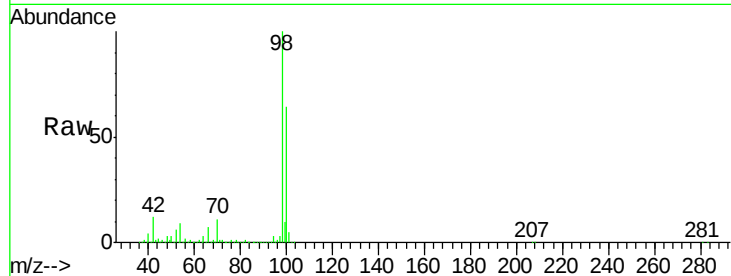
VSTDIC150

Tot Ion: 98 Resp: 1212180

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 734.618 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003466.D

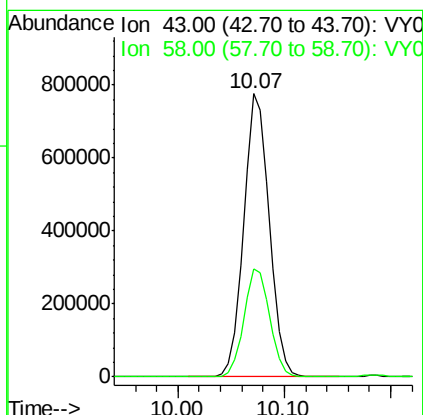
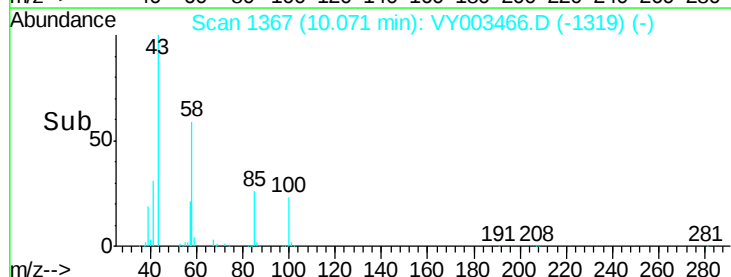
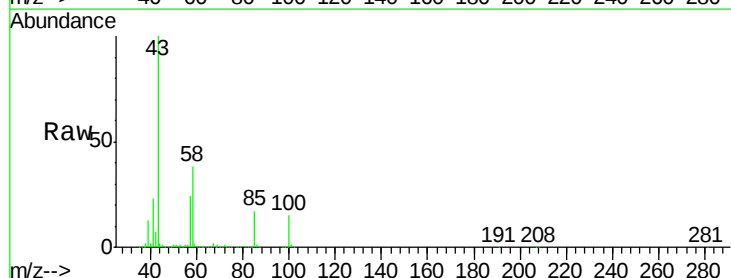
Acq: 02 Nov 2020 12:01

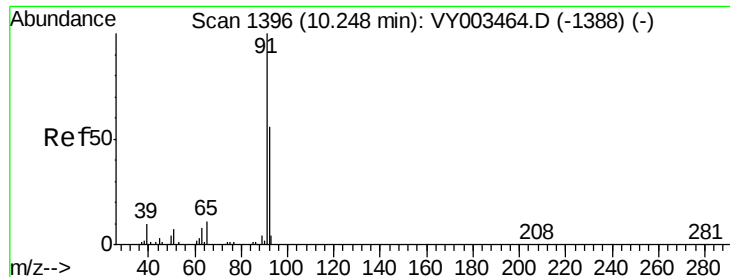
Tgt Ion: 43 Resp: 1306616

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4





#52

Toluene

Concen: 128.602 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

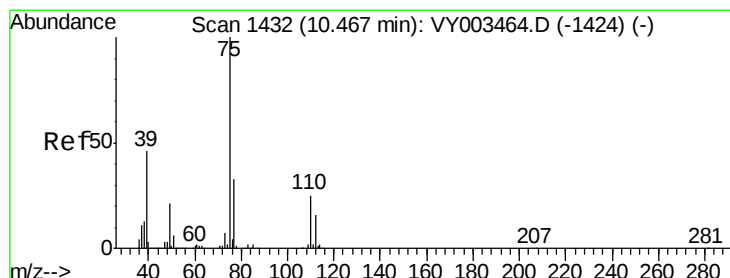
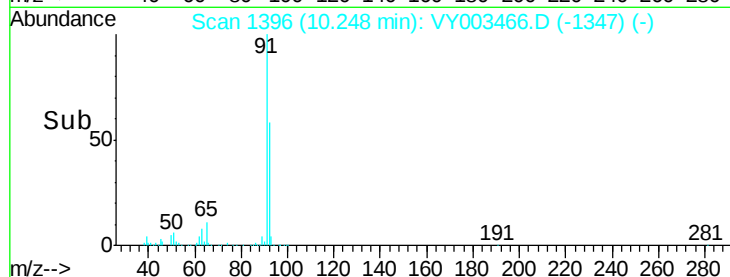
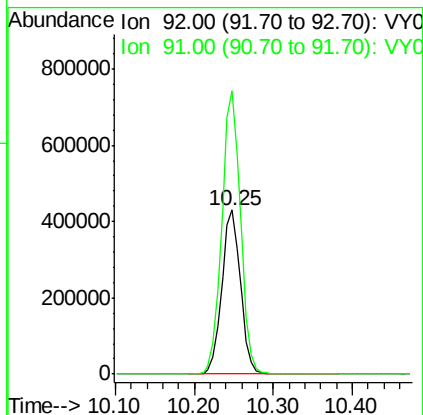
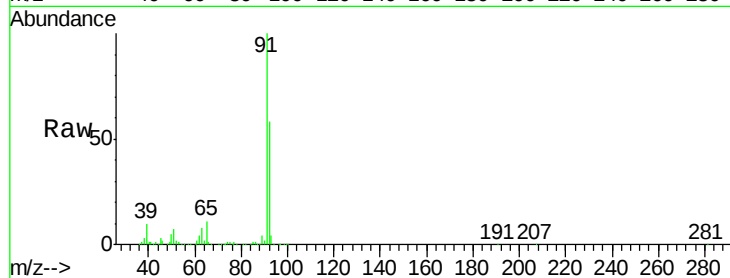
VSTDIC150

Tot Ion: 92 Resp: 707108

Ion Ratio Lower Upper

92 100

91 172.6 140.2 210.4



#53

t-1,3-Dichloropropene

Concen: 132.530 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003466.D

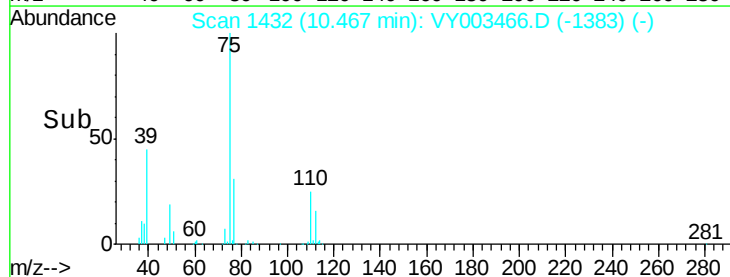
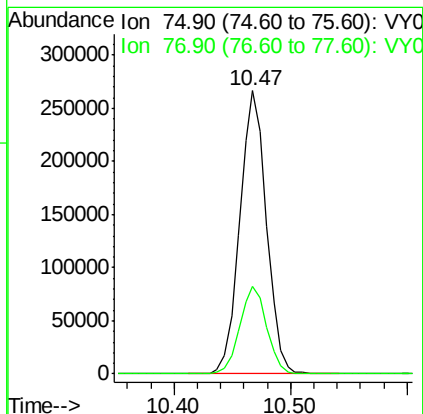
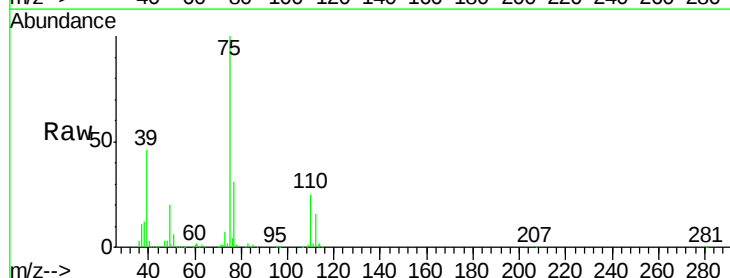
Acq: 02 Nov 2020 12:01

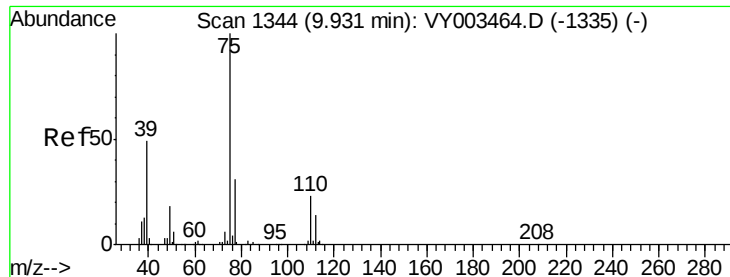
Tgt Ion: 75 Resp: 425106

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4



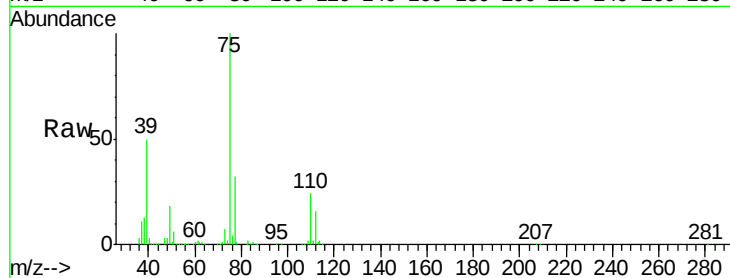


#54

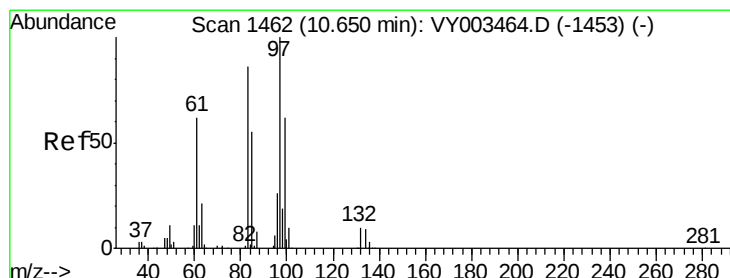
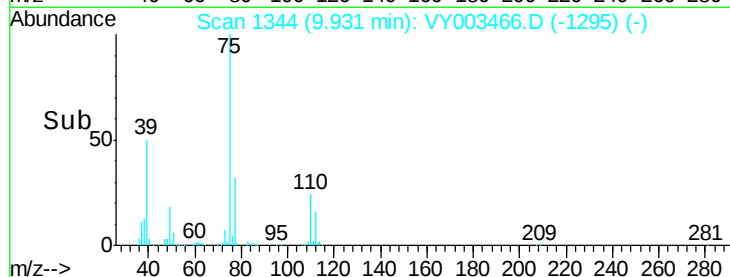
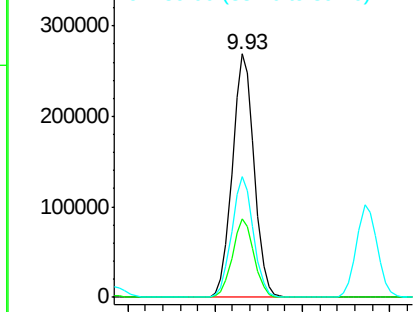
cis-1,3-Dichloropropene
 Concen: 130.099 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.5	36.7
39	49.6	39.0	58.4



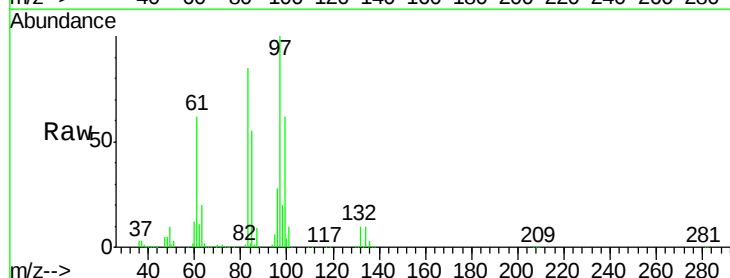
Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0
 Ion 39.00 (38.70 to 39.70): VY0



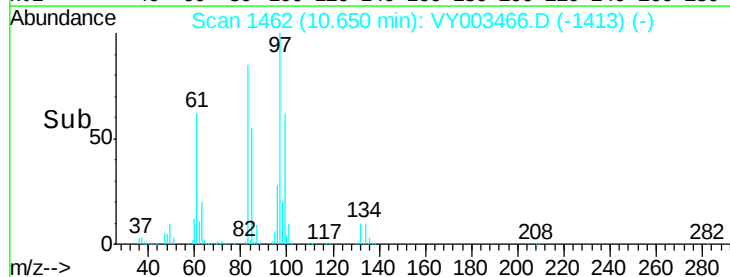
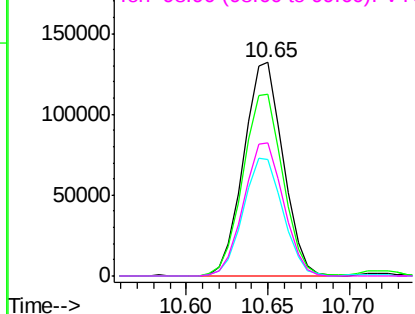
#55

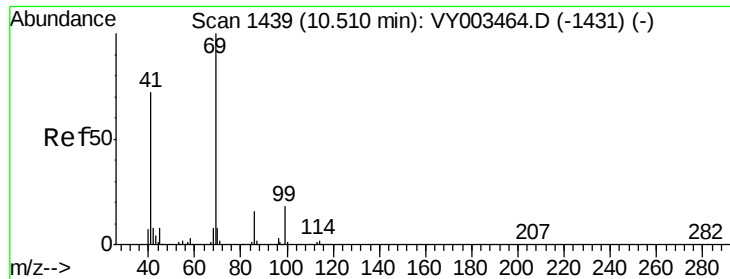
1,1,2-Trichloroethane
 Concen: 126.785 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY003466.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.6	102.8
85	54.7	43.8	65.6
99	62.3	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: 139.947 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

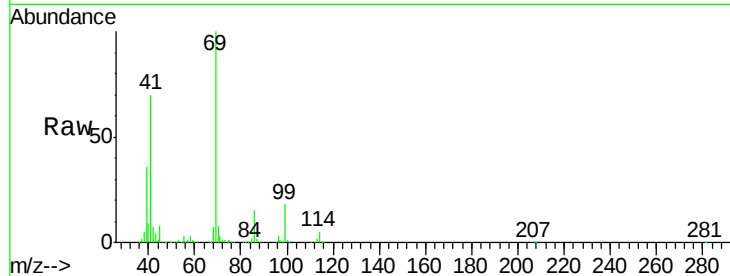
Tot Ion: 69 Resp: 329571

Ion Ratio Lower Upper

69 100

41 69.2 55.4 83.2

39 34.7 28.7 43.1



Abundance Ion 69.00 (68.70 to 69.70): VY003466.D (-1431) (-)

Ion 41.00 (40.70 to 41.70): VY003466.D (-1431) (-)

Ion 39.00 (38.70 to 39.70): VY003466.D (-1431) (-)

10.51

250000

200000

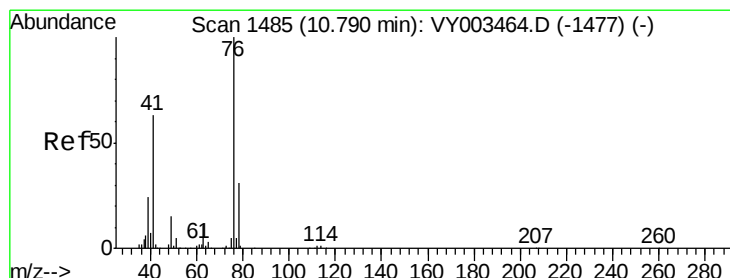
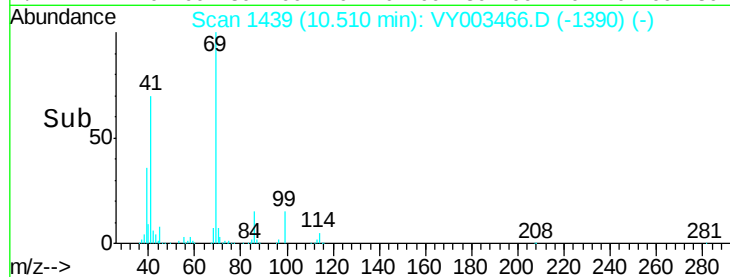
150000

100000

50000

0

Time--> 10.40 10.50 10.60



#57

1,3-Dichloropropane

Concen: 129.421 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003466.D

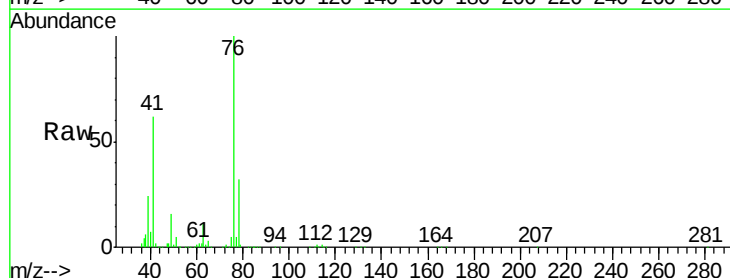
Acq: 02 Nov 2020 12:01

Tgt Ion: 76 Resp: 393155

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY003466.D (-1436) (-)

Ion 77.90 (77.60 to 78.60): VY003466.D (-1436) (-)

10.79

250000

200000

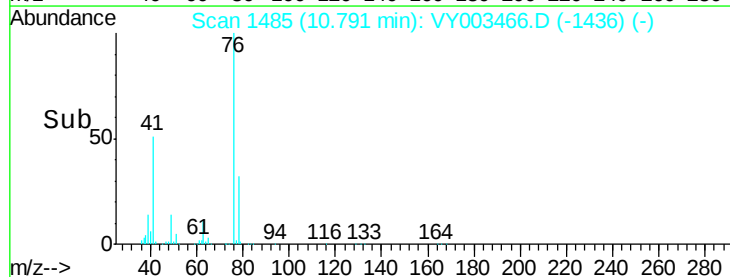
150000

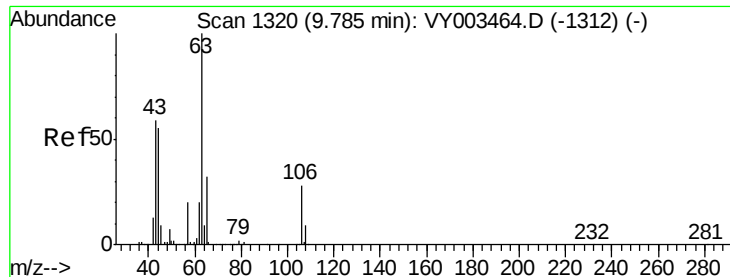
100000

50000

0

Time--> 10.70 10.80 10.90

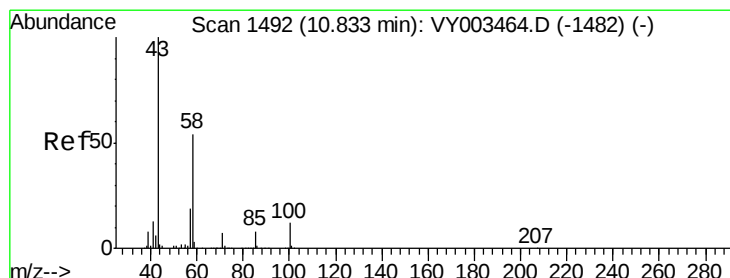
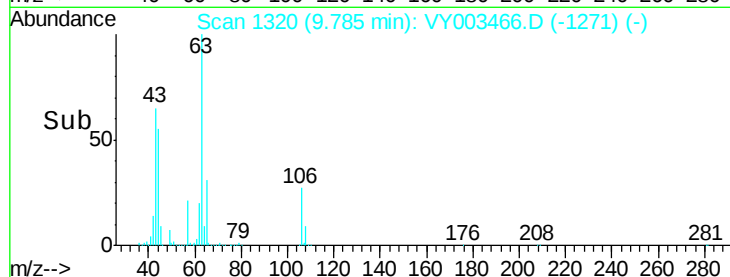
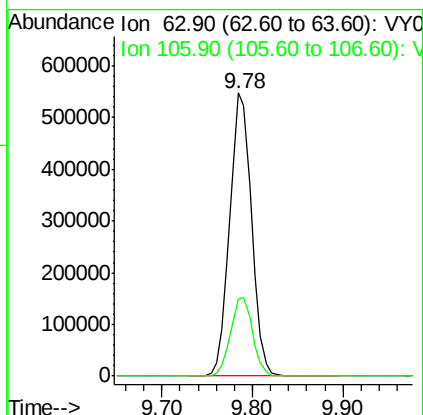
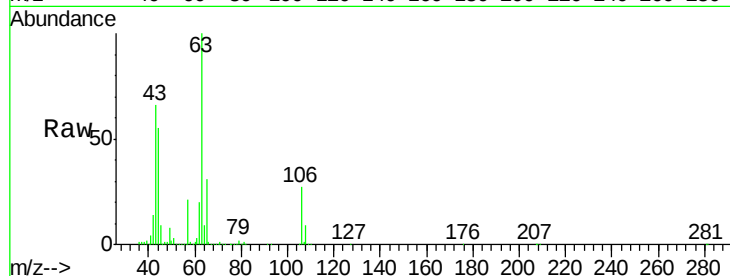




#58
2-Chloroethyl Vinyl ether
Concen: 748.021 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

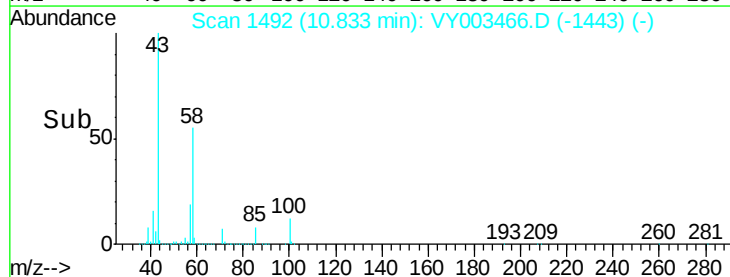
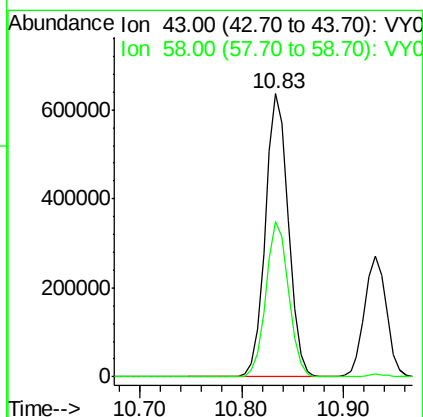
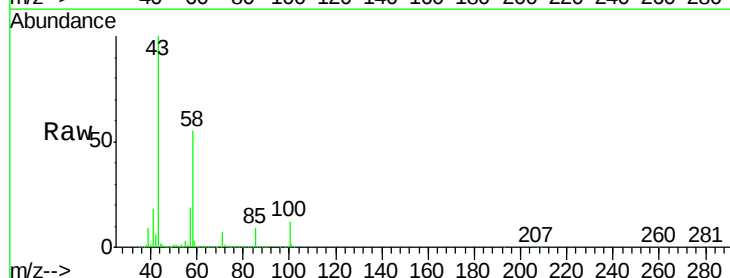
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

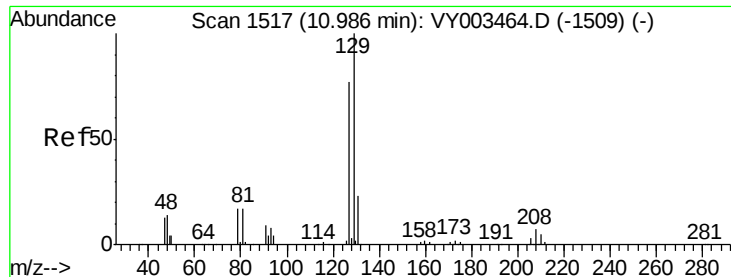
Tot Ion: 63 Resp: 916179
Ion Ratio Lower Upper
63 100
106 28.0 22.3 33.5



#59
2-Hexanone
Concen: 781.401 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 43 Resp: 990786
Ion Ratio Lower Upper
43 100
58 54.3 26.8 80.3





#60

Dibromochloromethane

Concen: 126.703 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

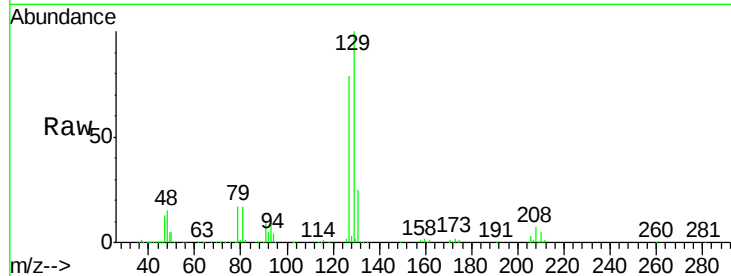
VSTDIC150

Tot Ion:129 Resp: 280051

Ion Ratio Lower Upper

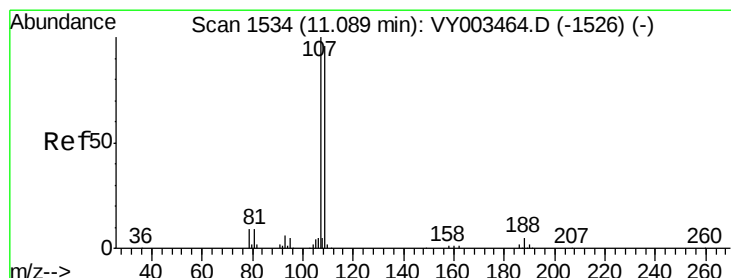
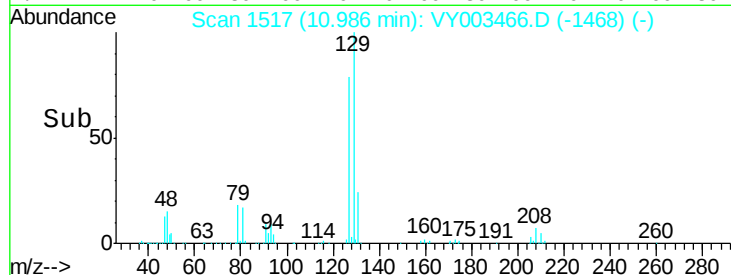
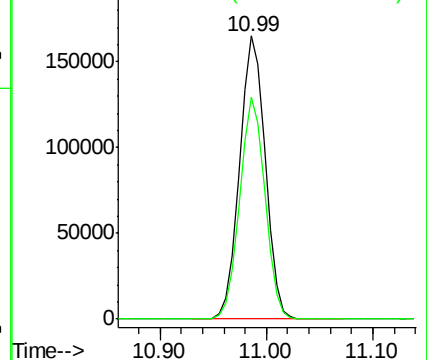
129 100

127 77.3 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 130.838 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003466.D

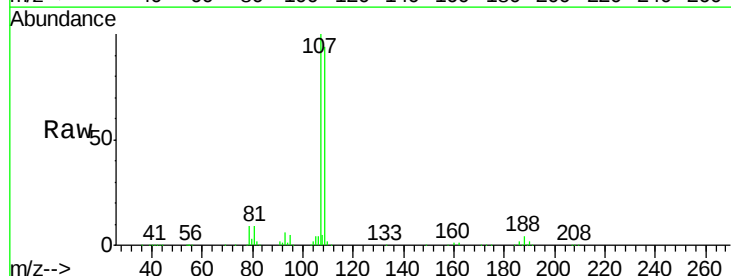
Acq: 02 Nov 2020 12:01

Tgt Ion:107 Resp: 220647

Ion Ratio Lower Upper

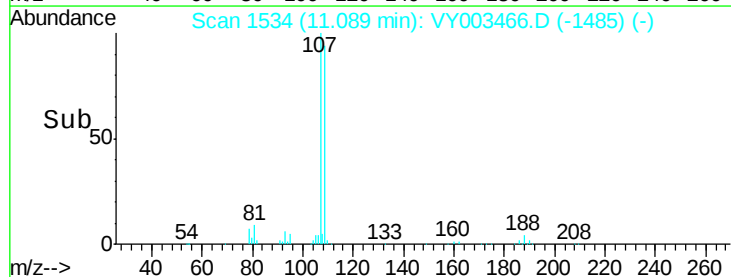
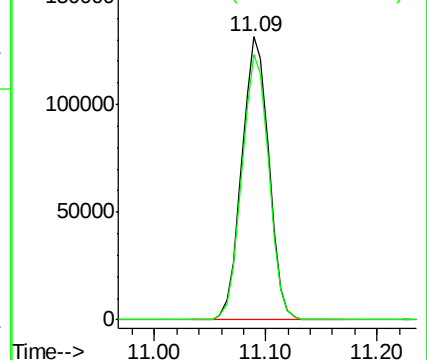
107 100

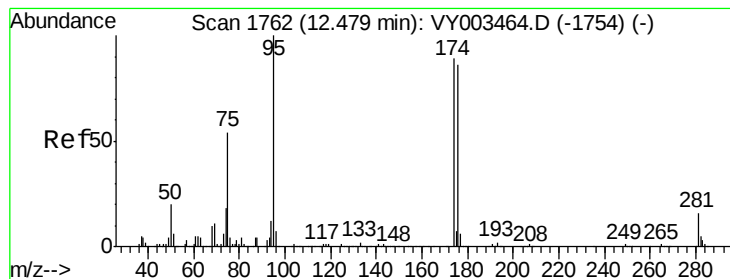
109 93.8 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 146.397 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

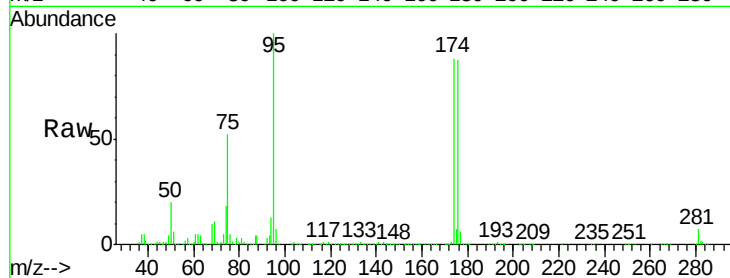
Tot Ion: 95 Resp: 404621

Ion Ratio Lower Upper

95 100

174 93.3 0.0 193.0

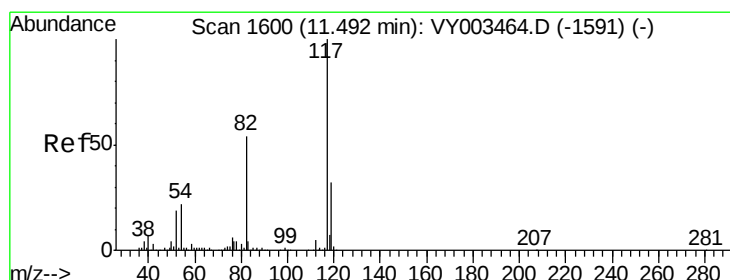
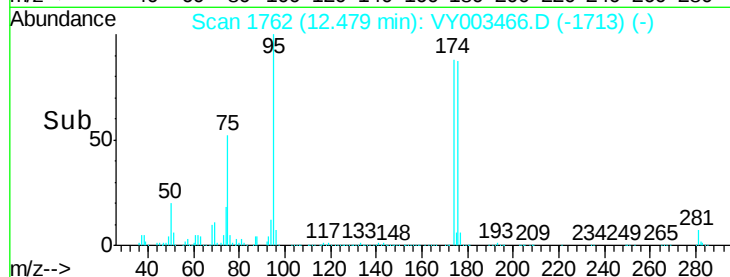
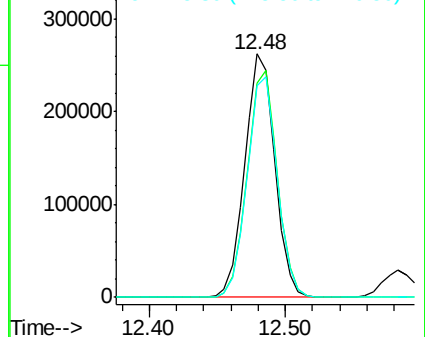
176 91.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VY003466.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003466.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003466.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

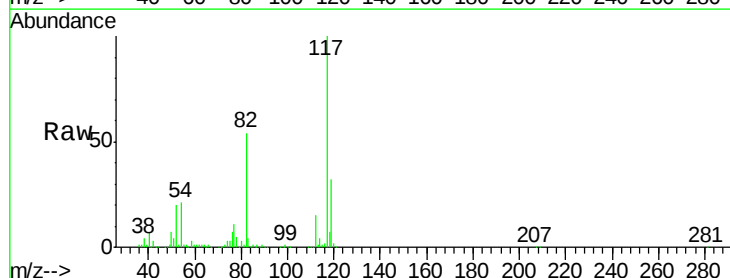
Tgt Ion: 117 Resp: 292721

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.2

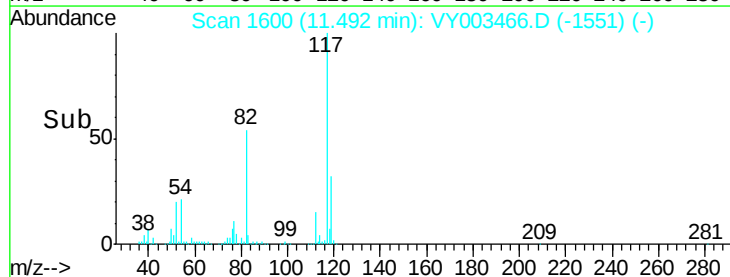
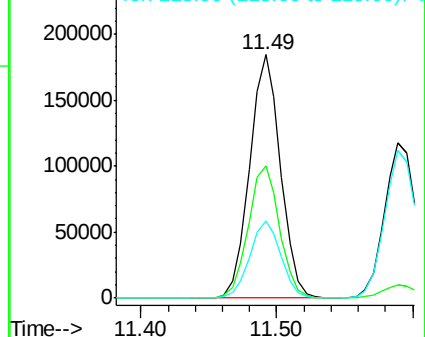
119 31.5 25.8 38.6

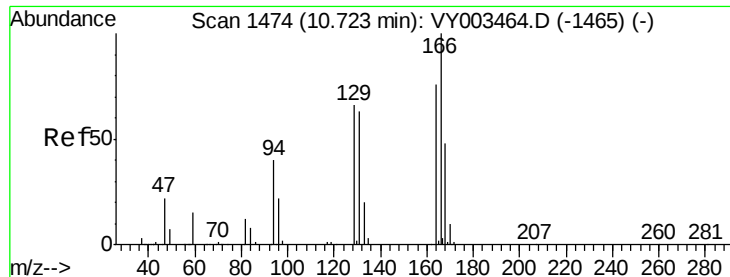


Abundance Ion 116.90 (116.60 to 117.60): VY003466.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003466.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003466.D (-1591) (-)

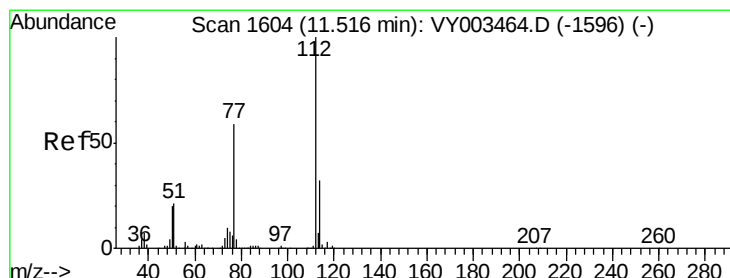
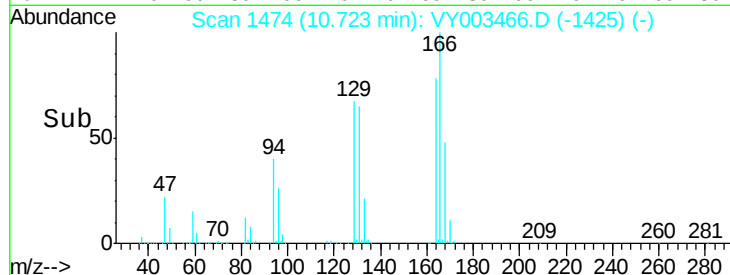
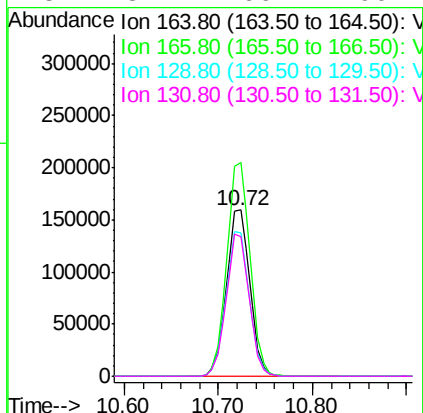
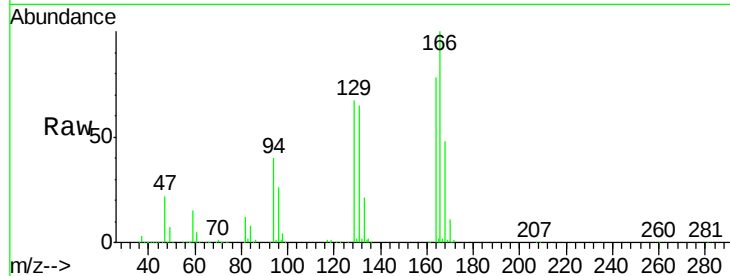




#64
Tetrachloroethene
Concen: 107.216 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

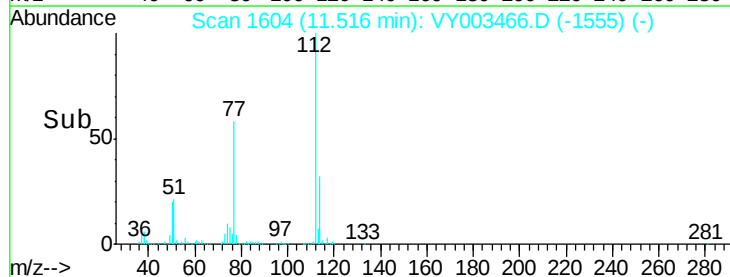
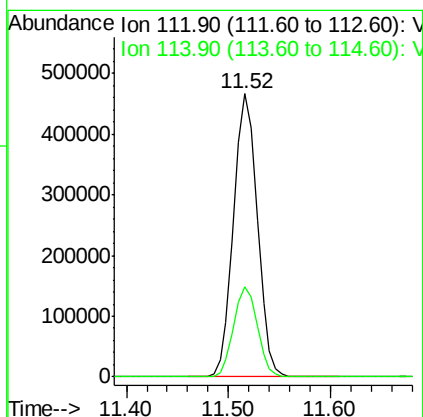
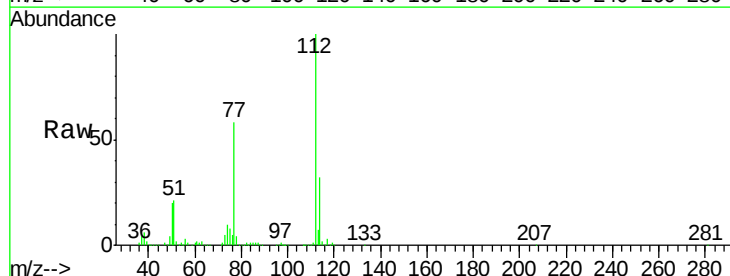
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

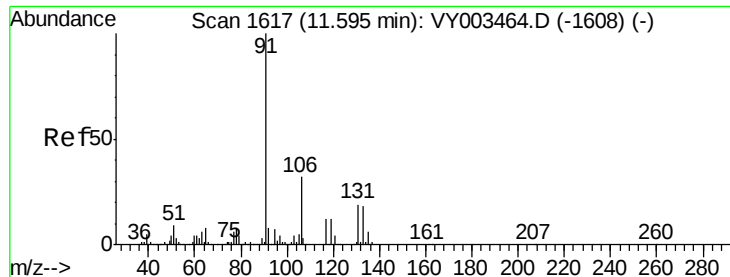
Tot Ion:164 Resp: 275270
Ion Ratio Lower Upper
164 100
166 128.4 104.9 157.3
129 86.2 68.9 103.3
131 84.1 66.2 99.2



#65
Chlorobenzene
Concen: 128.759 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:112 Resp: 751073
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 128.049 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

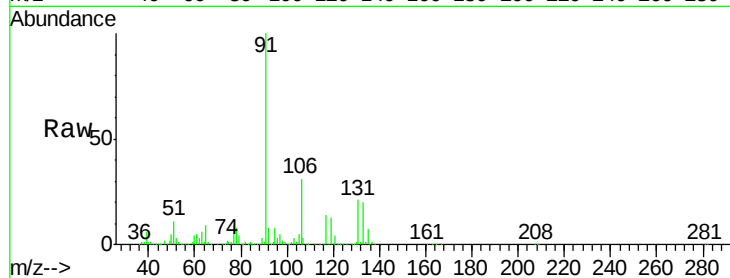
Tot Ion:131 Resp: 283207

Ion Ratio Lower Upper

131 100

133 96.2 47.4 142.2

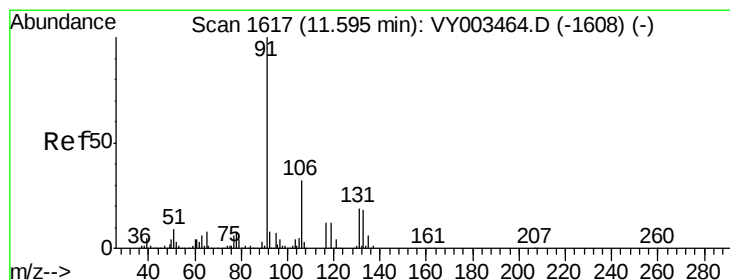
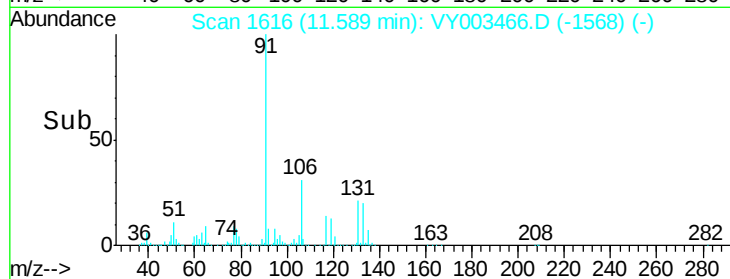
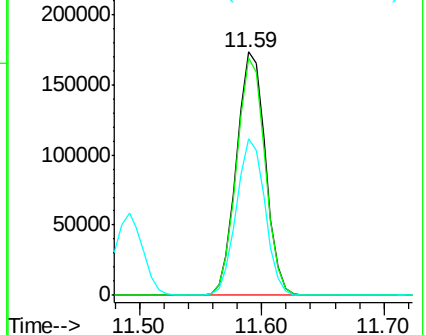
119 63.8 31.6 95.0



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: 131.637 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY003466.D

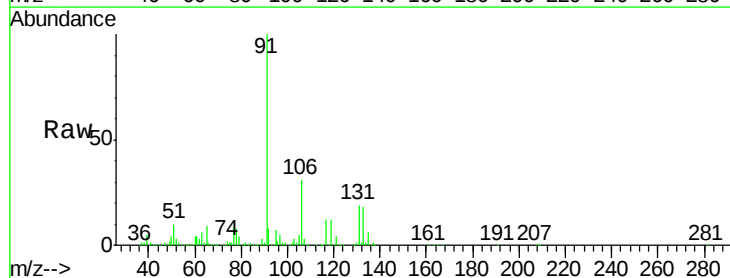
Acq: 02 Nov 2020 12:01

Tgt Ion: 91 Resp: 1375934

Ion Ratio Lower Upper

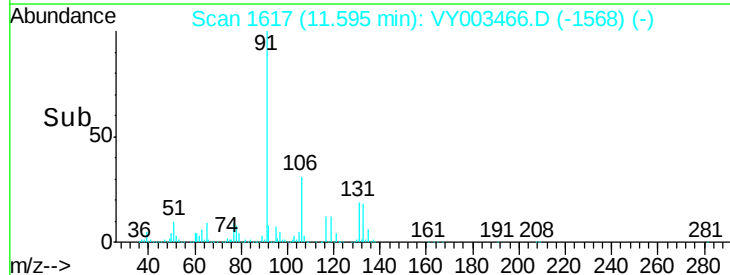
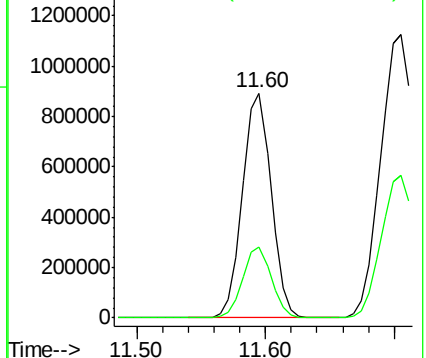
91 100

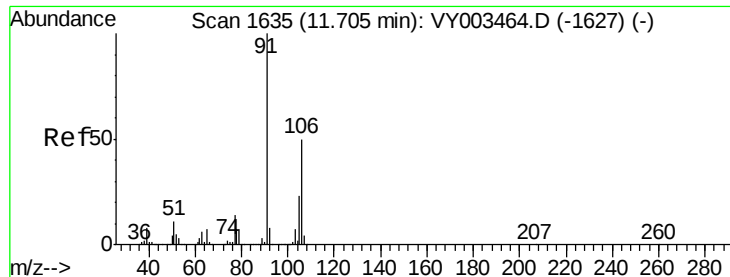
106 31.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 259.062 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

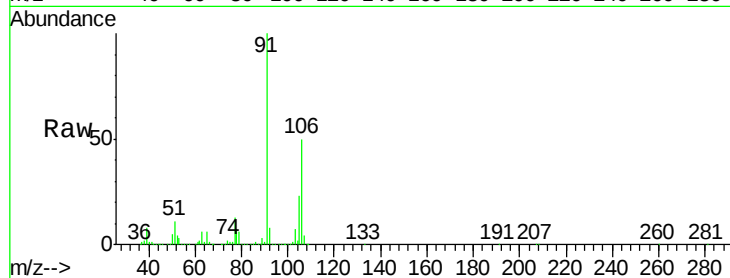
VSTDIC150

Tot Ion:106 Resp: 1032787

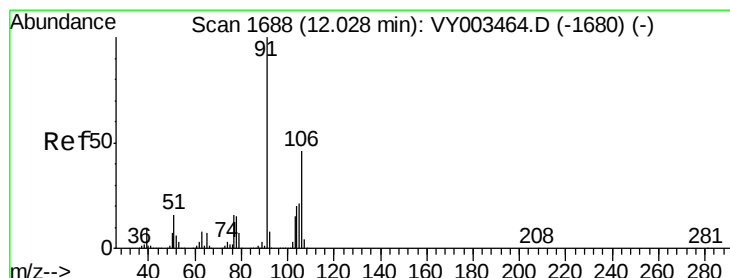
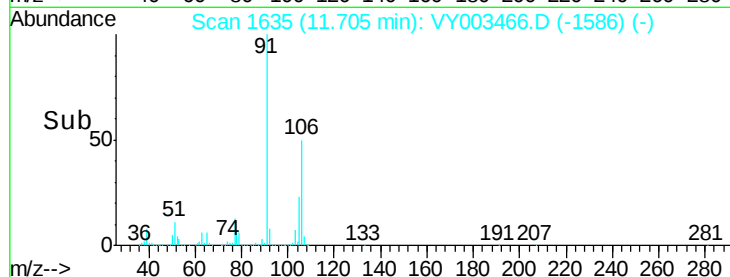
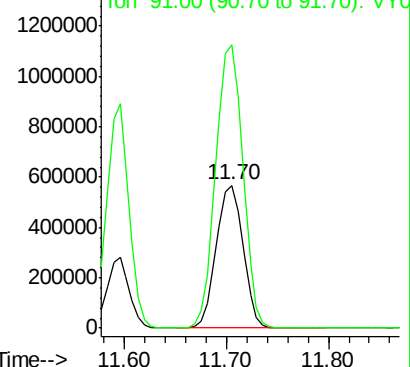
Ion Ratio Lower Upper

106 100

91 200.9 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 129.298 ug/l

RT: 12.03 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VY003466.D

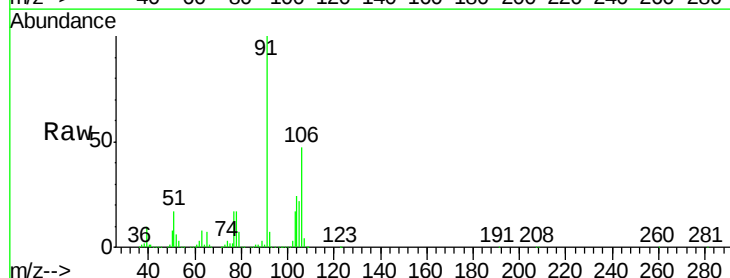
Acq: 02 Nov 2020 12:01

Tgt Ion:106 Resp: 482821

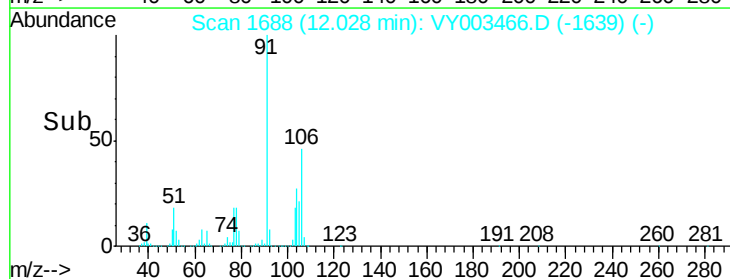
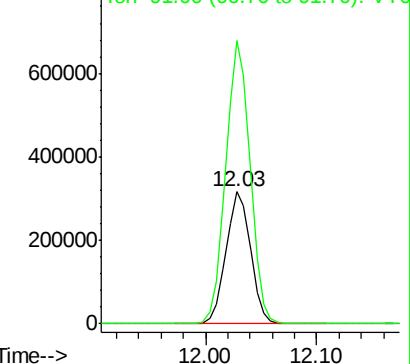
Ion Ratio Lower Upper

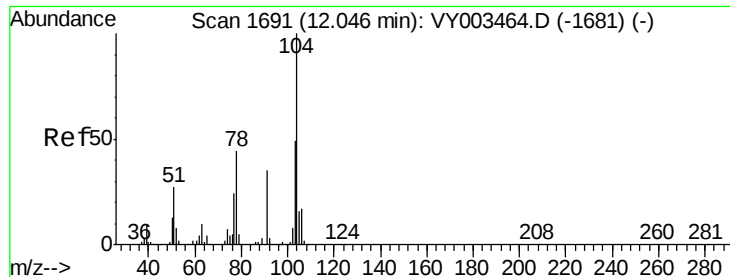
106 100

91 212.4 105.5 316.5



Abundance Ion 106.00 (105.70 to 106.70): V

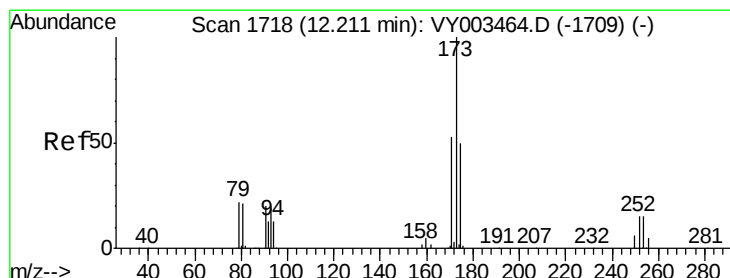
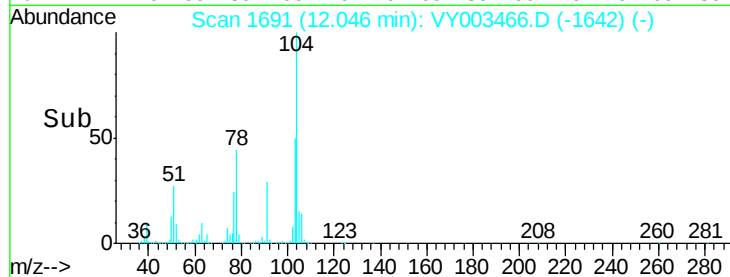
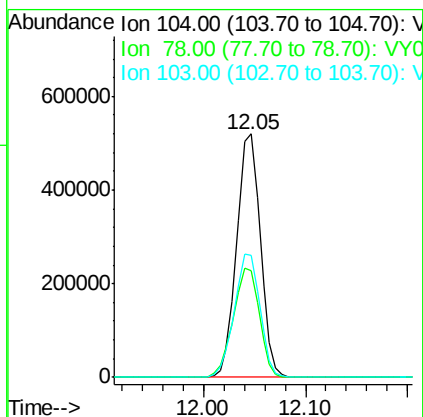
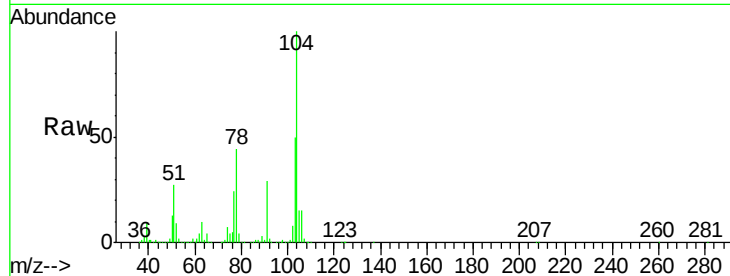




#70
Stvrene
Concen: 131.554 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

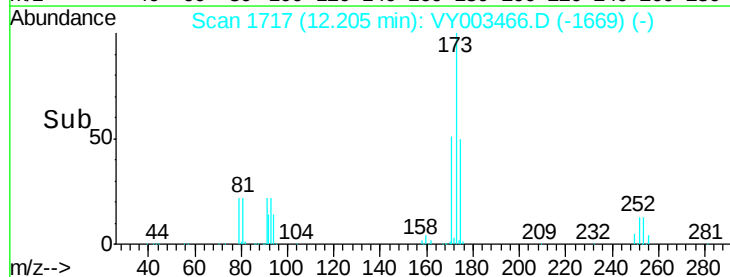
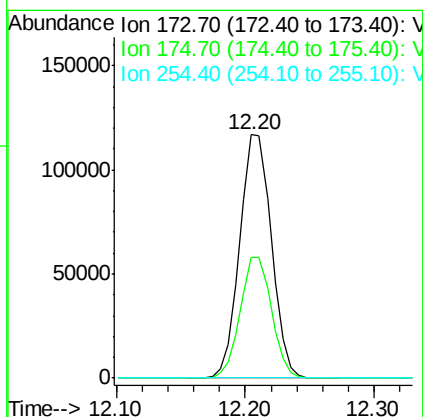
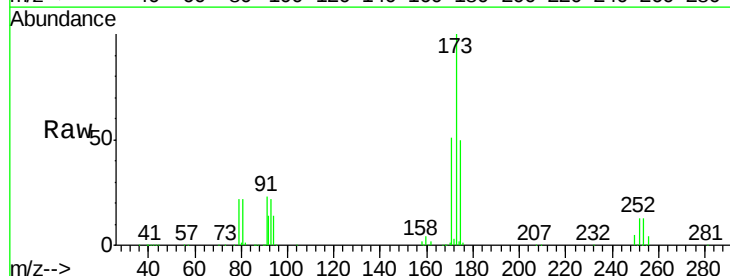
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

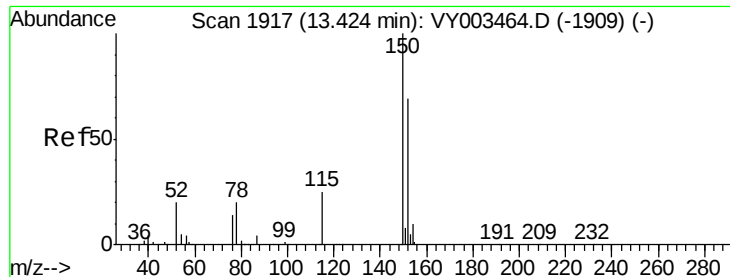
Tot Ion:104 Resp: 834220
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.9 44.2 66.2



#71
Bromoform
Concen: 134.613 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:173 Resp: 198691
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2



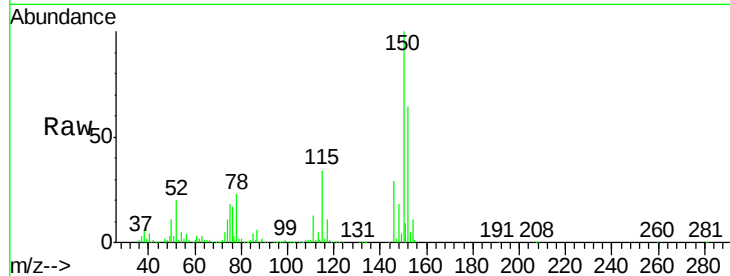


#72

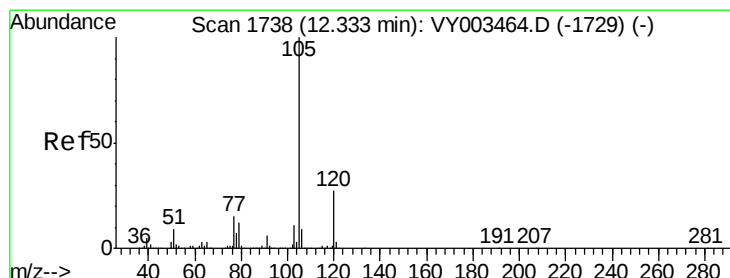
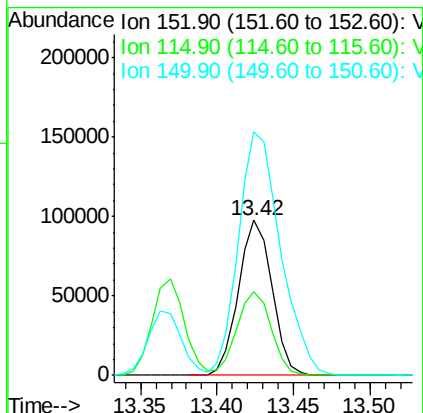
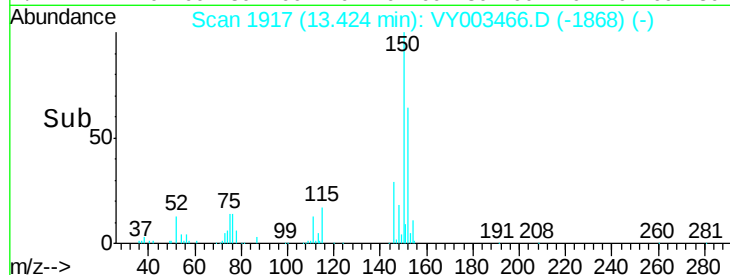
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.5	82.4
150	196.7	0.0	345.8



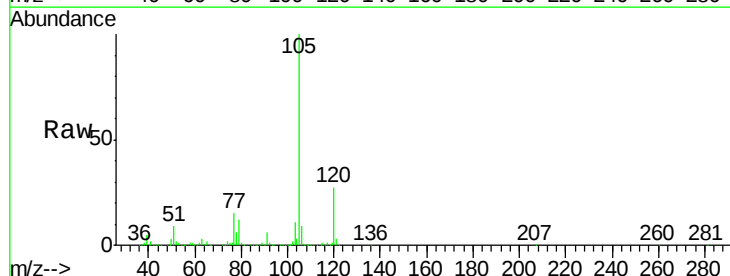
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



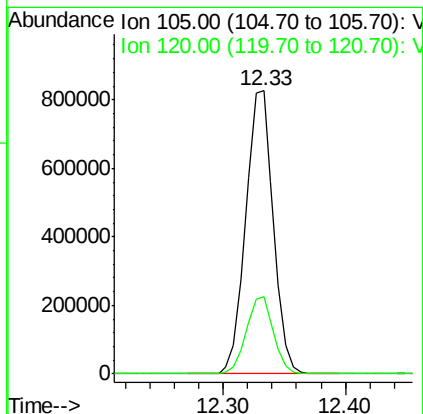
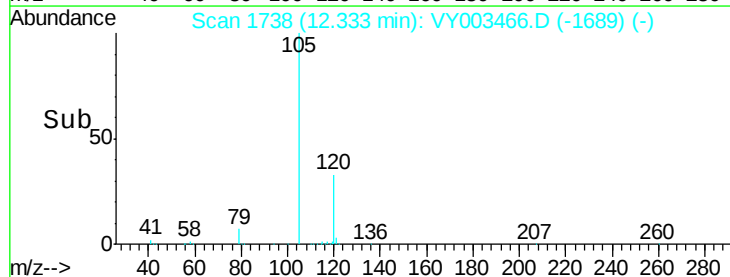
#73

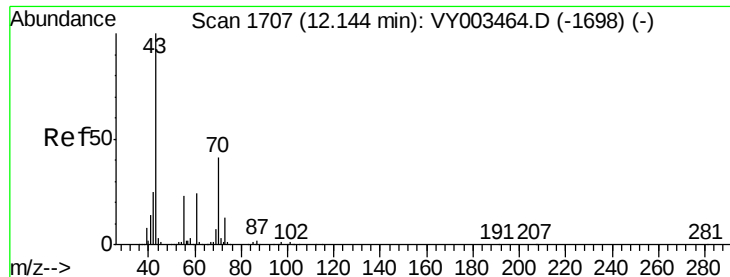
Isopropylbenzene
Concen: 137.694 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 150.136 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 403837

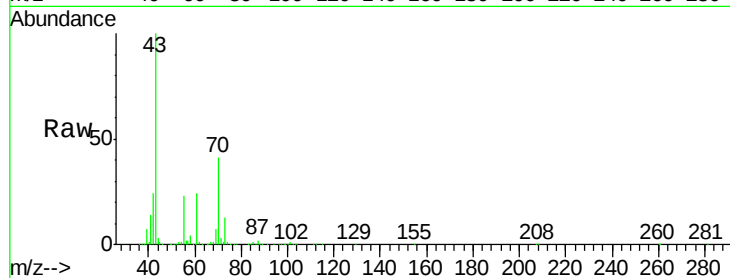
Ion Ratio Lower Upper

43 100

70 41.3 33.1 49.7

55 23.1 19.2 28.8

61 24.0 19.0 28.6

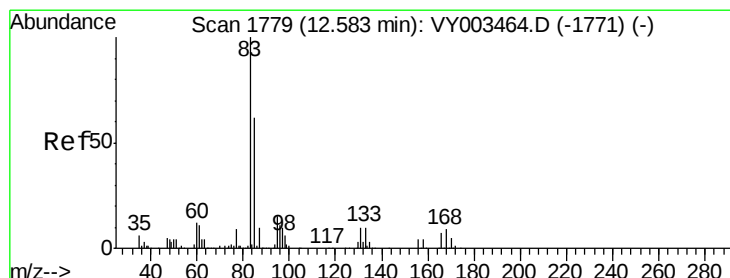
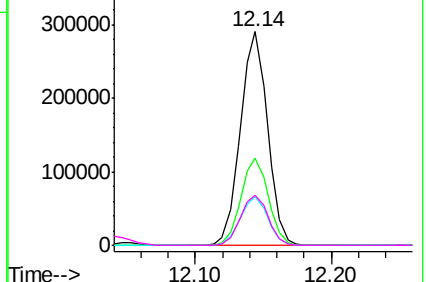
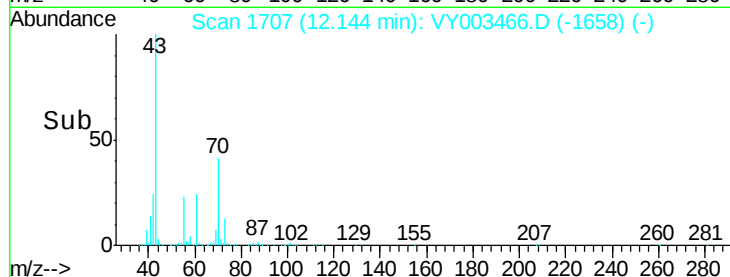


Abundance Ion 43.00 (42.70 to 43.70): VY0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 157.467 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

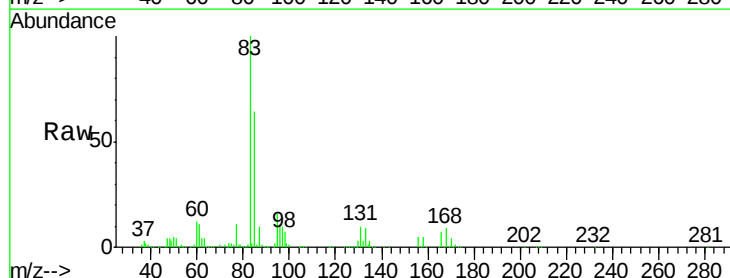
Tgt Ion: 83 Resp: 290137

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

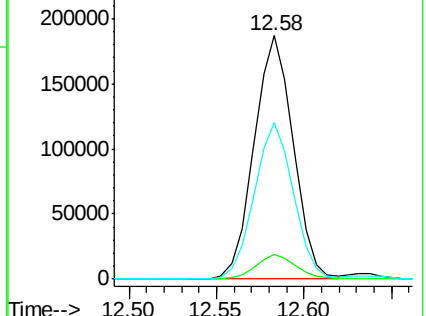
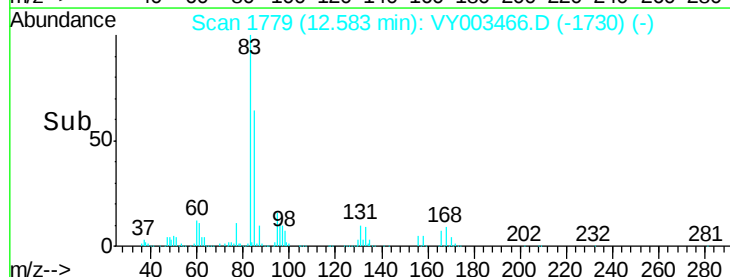
85 64.0 32.0 96.2

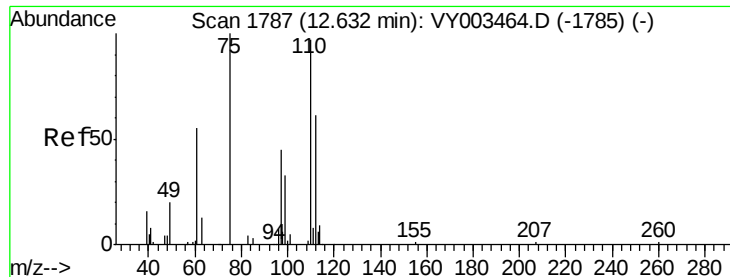


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



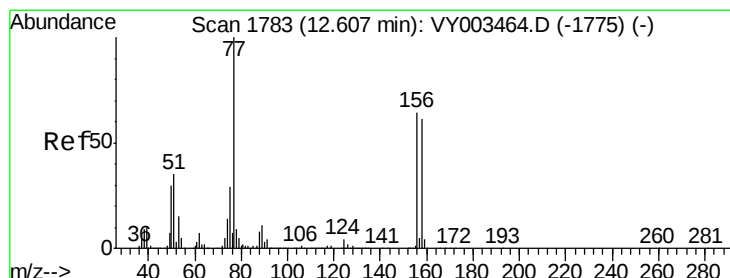
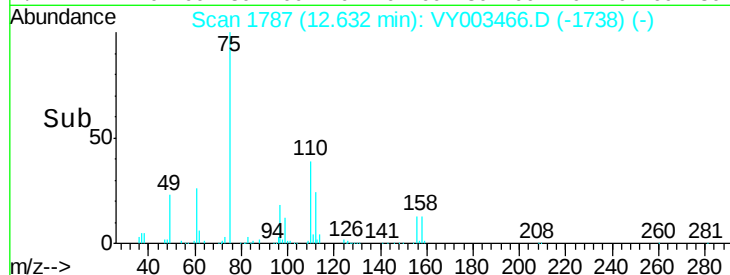
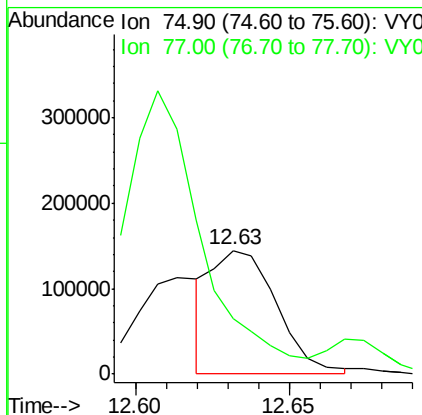
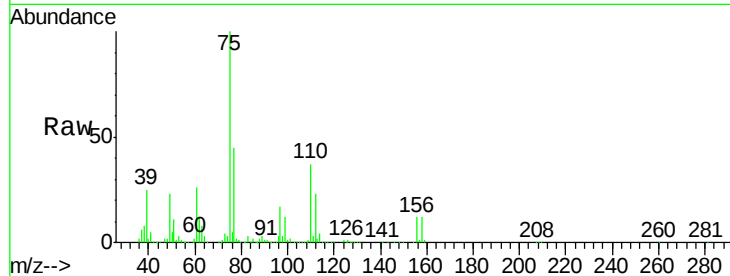


#76

1,2,3-Trichloropropane
Concen: 161.411 ug/l m
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

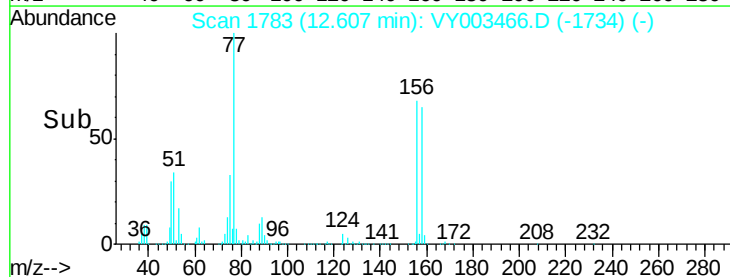
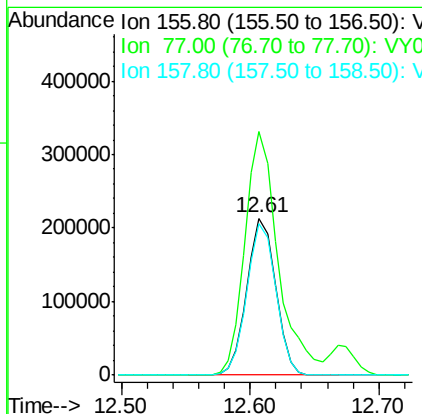
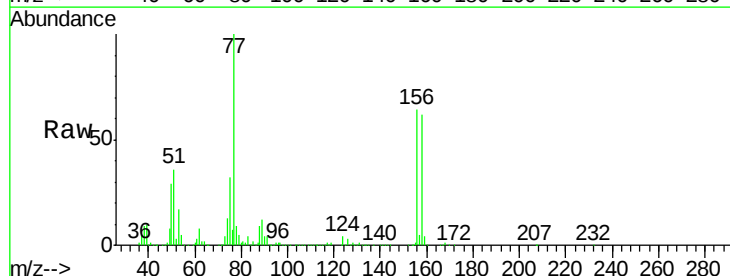
Tot Ion: 75 Resp: 215302
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

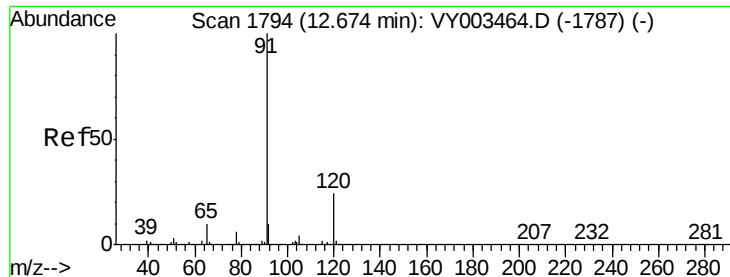


#77

Bromobenzene
Concen: 132.034 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 156 Resp: 328215
Ion Ratio Lower Upper
156 100
77 180.5 87.0 260.9
158 97.2 48.7 146.1





#78

n-propylbenzene

Concen: 134.841 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

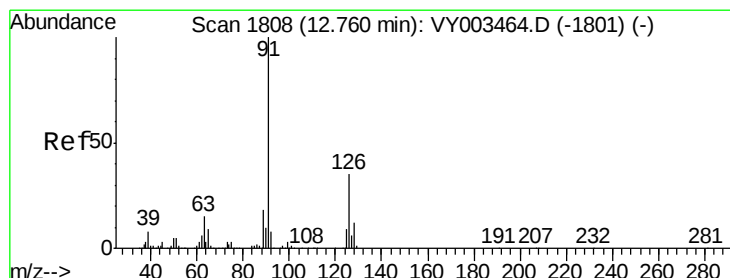
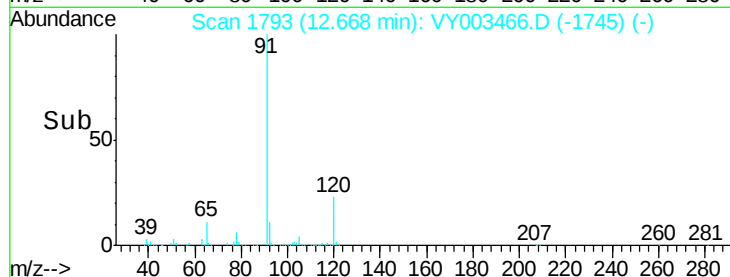
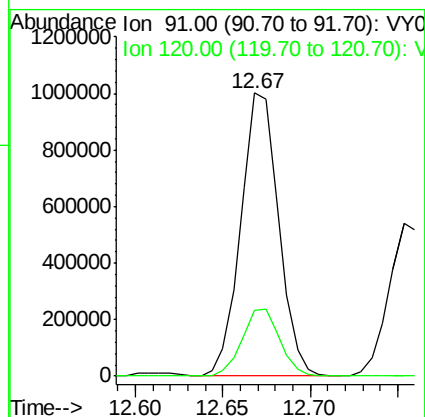
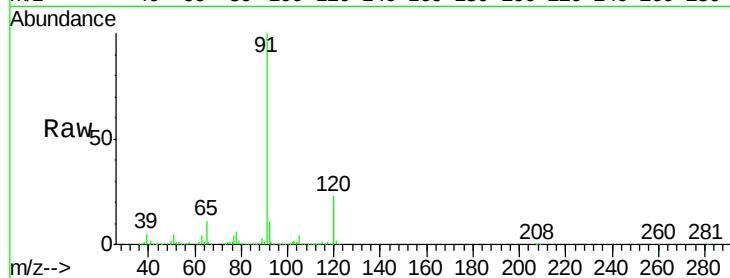
VSTDIC150

Tot Ion: 91 Resp: 1506130

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1



#79

2-Chlorotoluene

Concen: 135.028 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003466.D

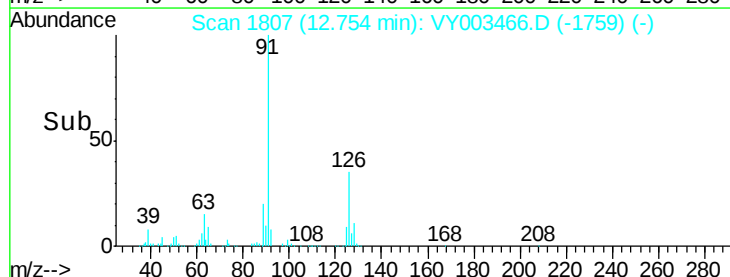
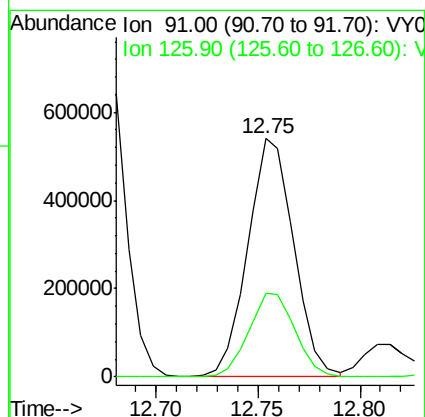
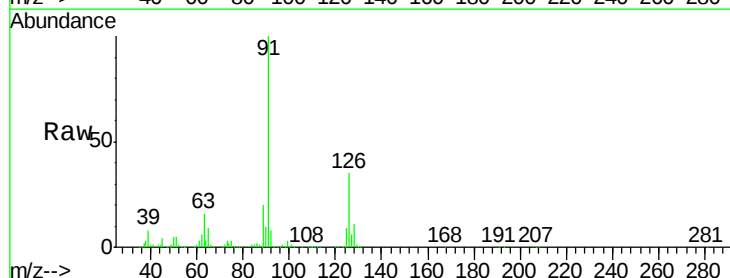
Acq: 02 Nov 2020 12:01

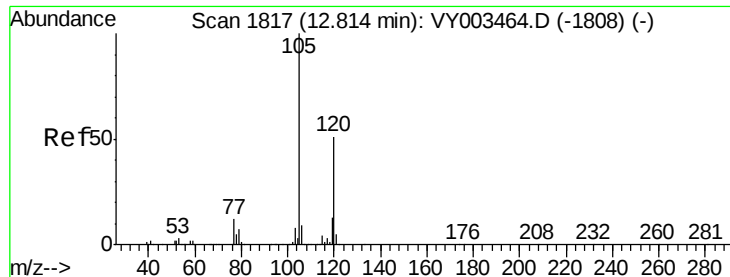
Tgt Ion: 91 Resp: 846003

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3





#80

1,3,5-Trimethylbenzene

Concen: 130.938 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

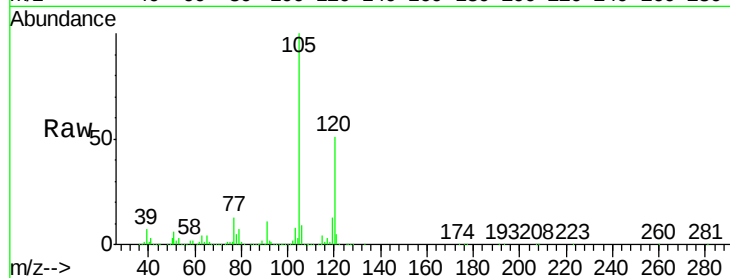
VSTDIC150

Tot Ion:105 Resp: 1049181

Ion Ratio Lower Upper

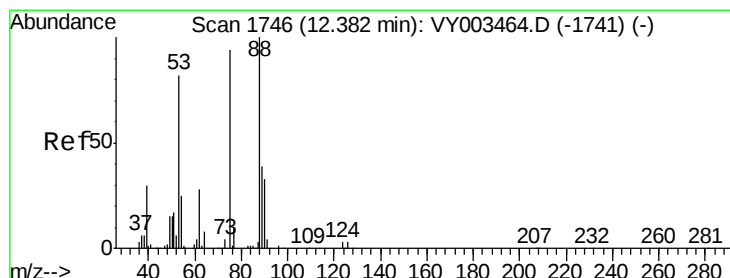
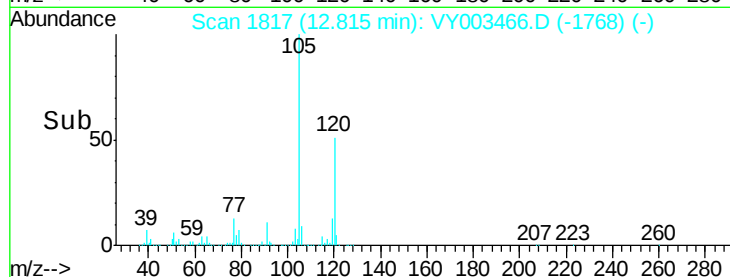
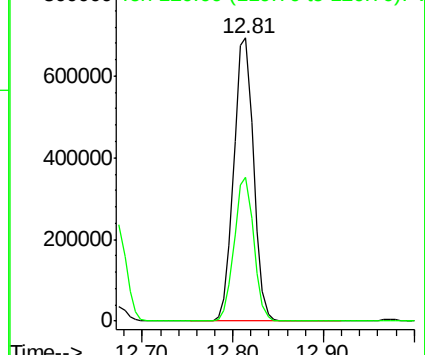
105 100

120 50.2 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: 159.755 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

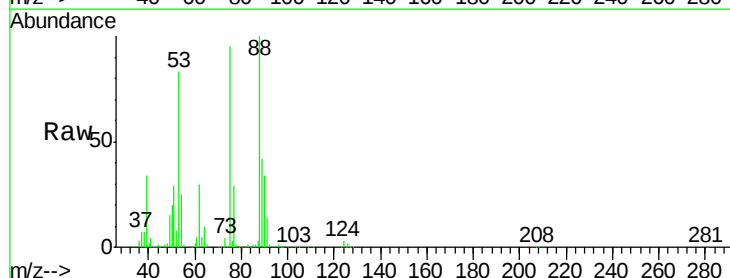
Tgt Ion: 75 Resp: 109490

Ion Ratio Lower Upper

75 100

53 90.6 74.7 112.1

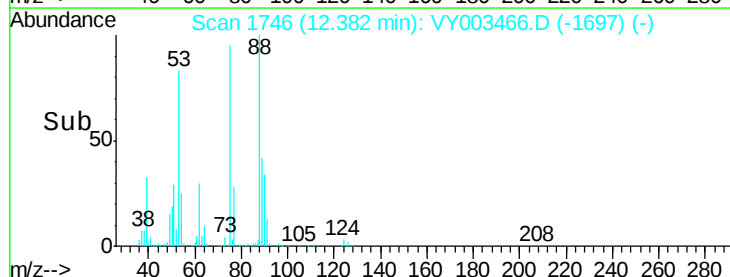
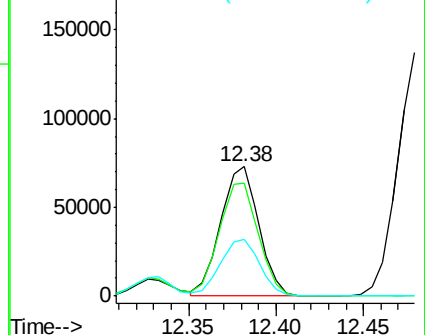
89 45.7 35.8 53.8

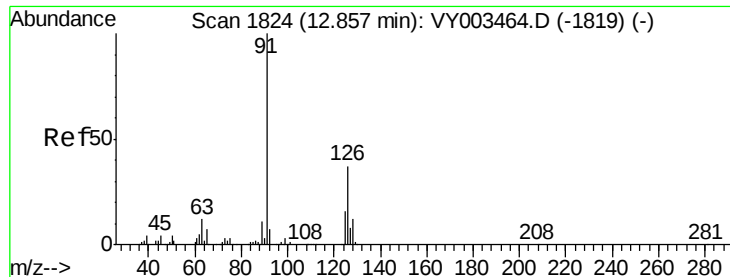


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

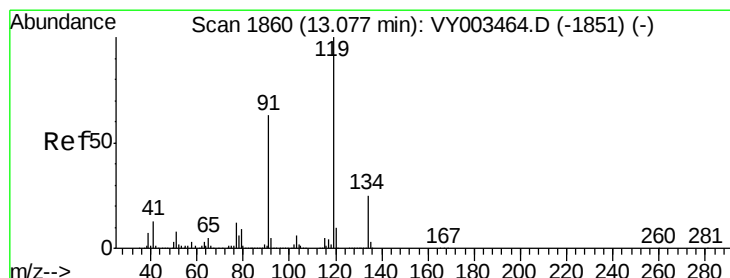
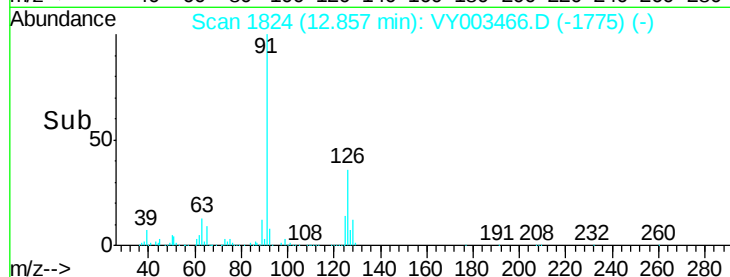
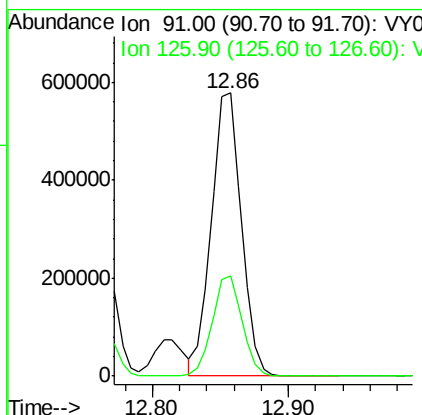
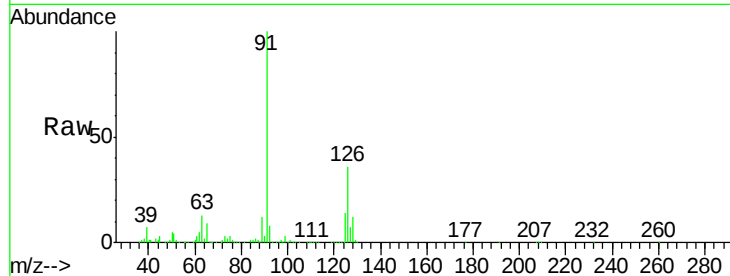




#82
4-Chlorotoluene
Concen: 132.907 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

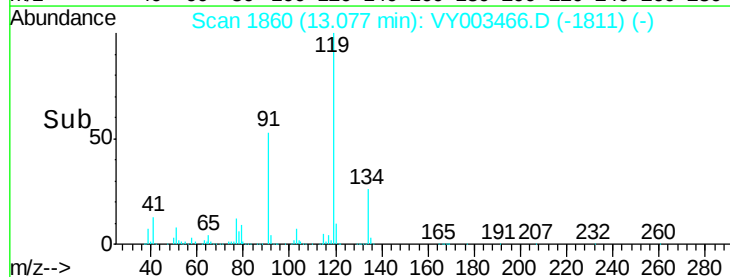
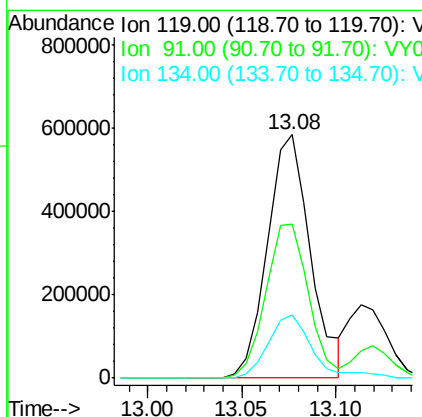
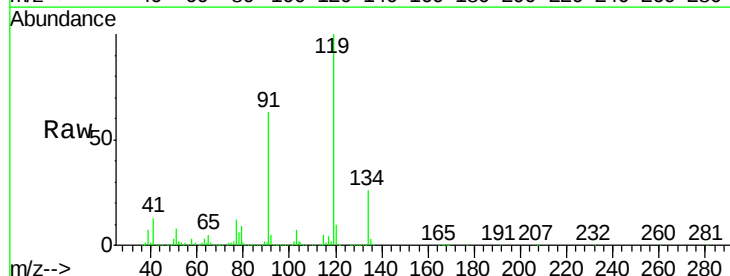
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

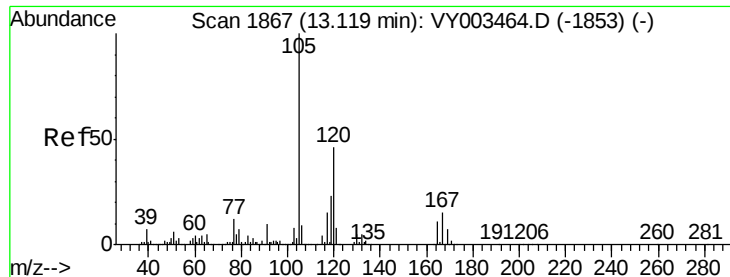
Tot Ion: 91 Resp: 882733
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8



#83
tert-Butylbenzene
Concen: 132.764 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 119 Resp: 927791
Ion Ratio Lower Upper
119 100
91 62.7 31.1 93.2
134 26.8 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 131.401 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

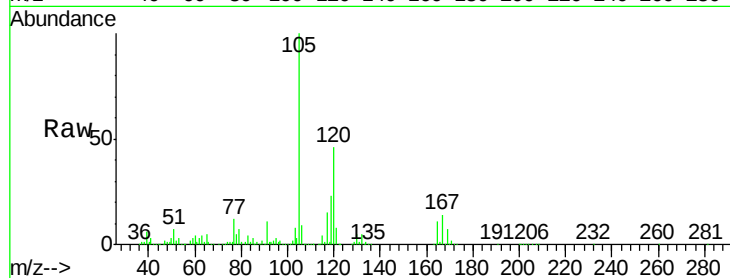
VSTDIC150

Tot Ion:105 Resp: 1063140

Ion Ratio Lower Upper

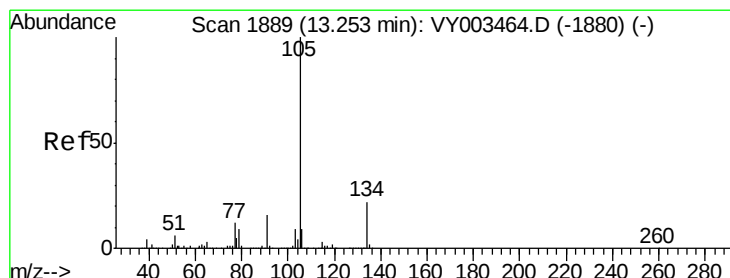
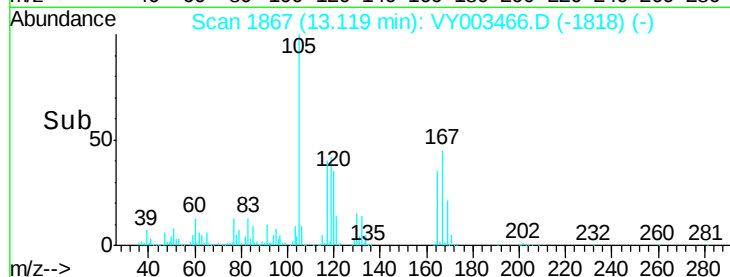
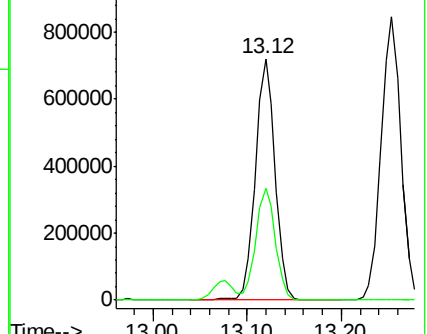
105 100

120 45.8 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: 127.898 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003466.D

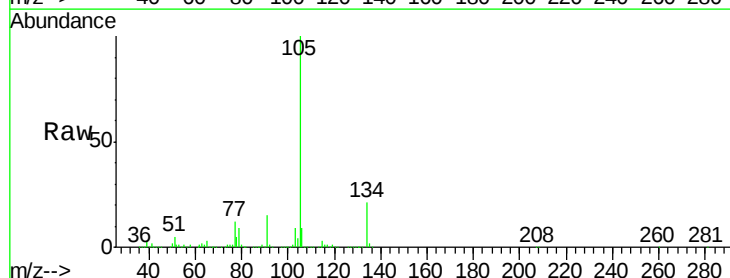
Acq: 02 Nov 2020 12:01

Tgt Ion:105 Resp: 1231674

Ion Ratio Lower Upper

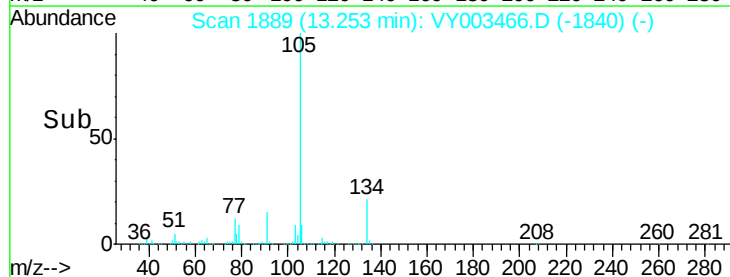
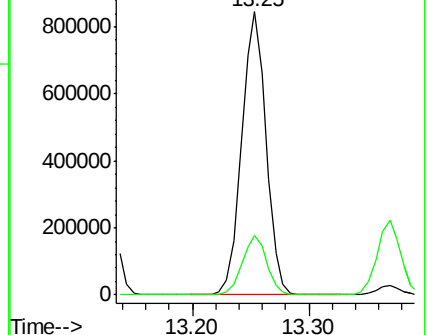
105 100

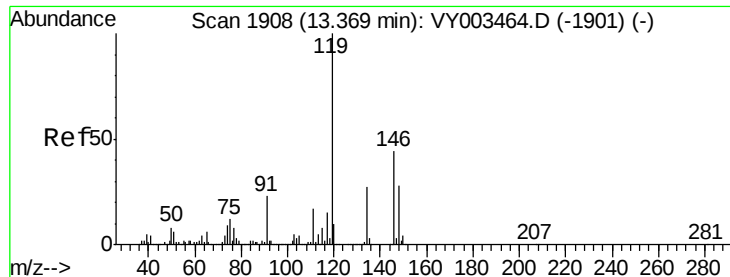
134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

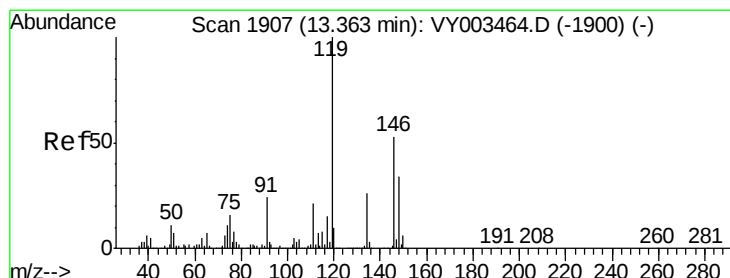
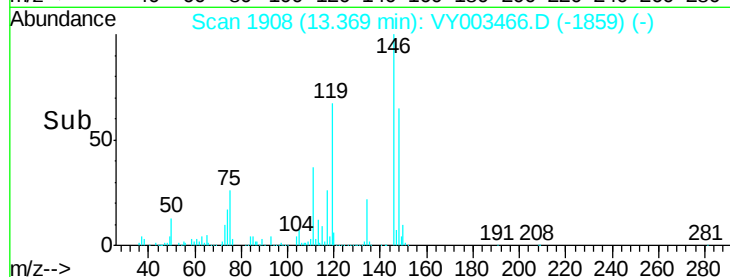
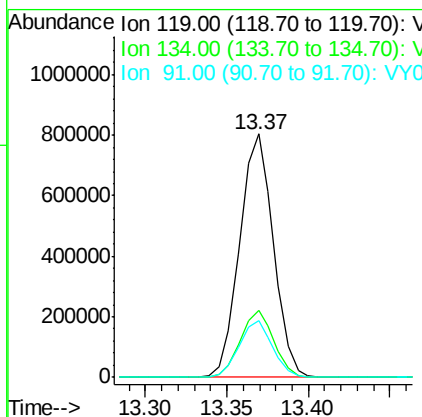
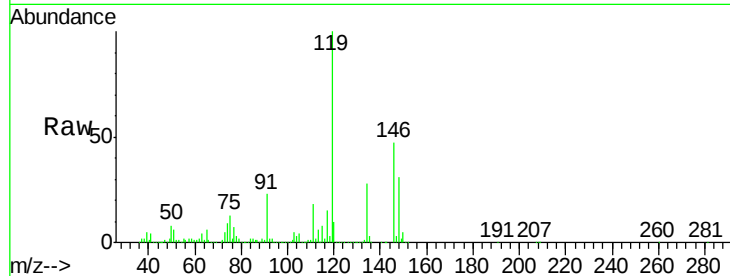




#86
p-Isopropyltoluene
Concen: 126.754 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

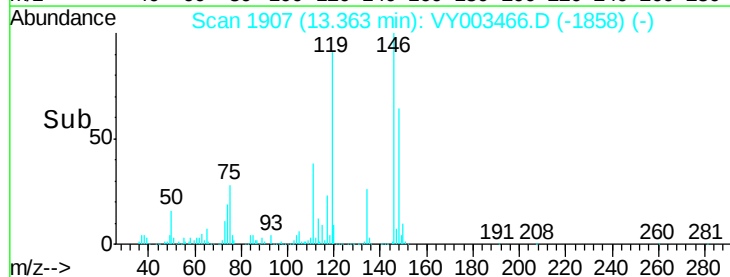
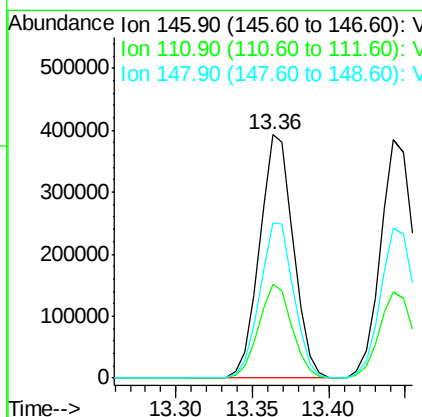
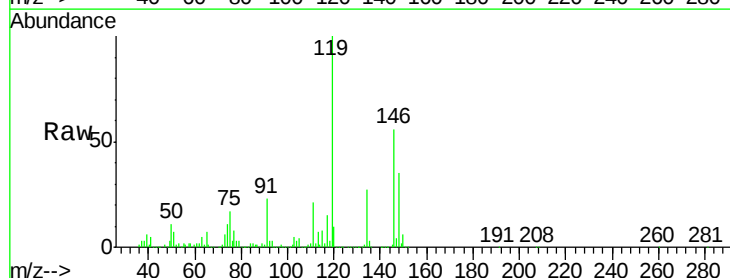
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

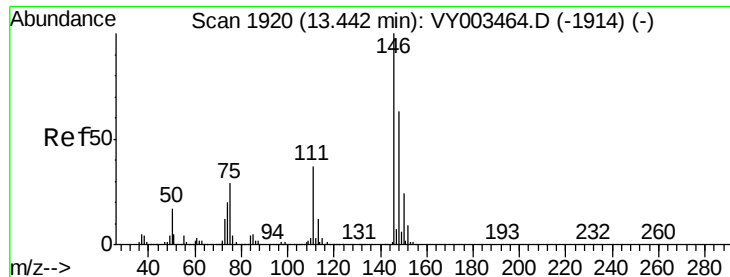
Tot Ion:119 Resp: 1156720
Ion Ratio Lower Upper
119 100
134 27.2 13.6 40.7
91 23.0 11.4 34.2



#87
1,3-Dichlorobenzene
Concen: 127.520 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY003466.D
Acq: 02 Nov 2020 12:01

Tgt Ion:146 Resp: 602985
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 64.4 32.4 97.0





#88

1,4-Dichlorobenzene

Concen: 124.623 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

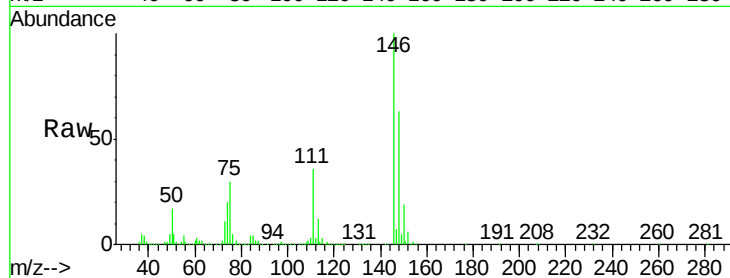
Tot Ion:146 Resp: 587241

Ion Ratio Lower Upper

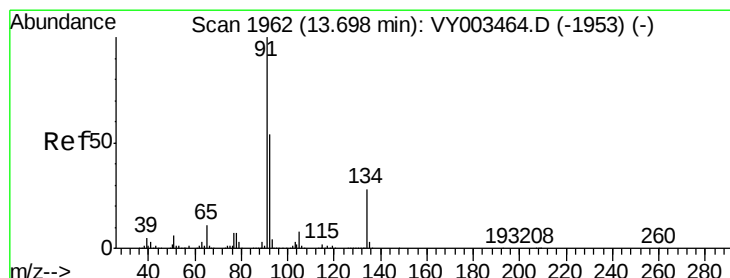
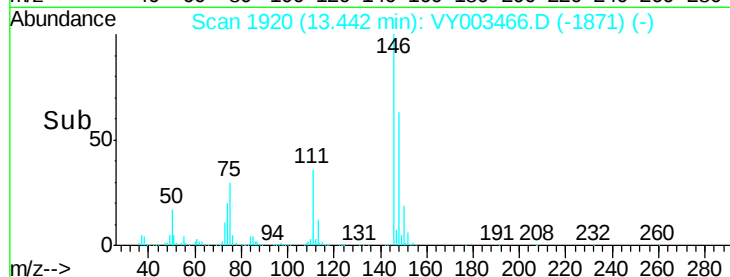
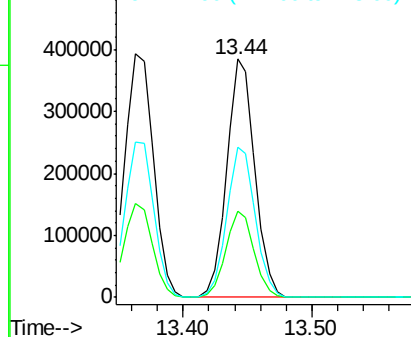
146 100

111 36.3 18.3 54.8

148 64.1 32.0 96.0



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



#89

n-Butylbenzene

Concen: 125.685 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

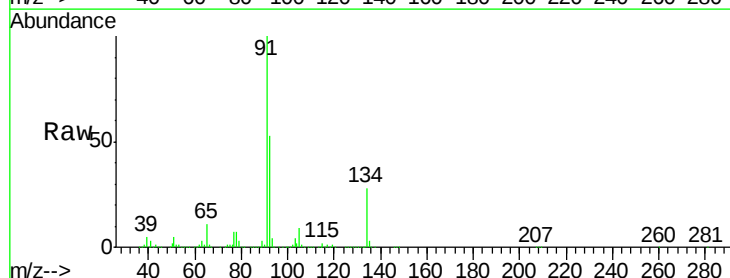
Tgt Ion: 91 Resp: 1049008

Ion Ratio Lower Upper

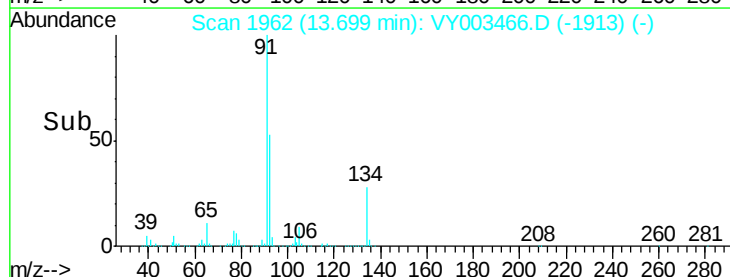
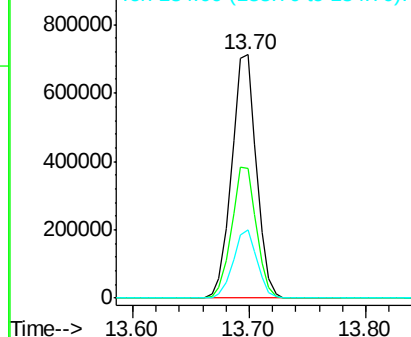
91 100

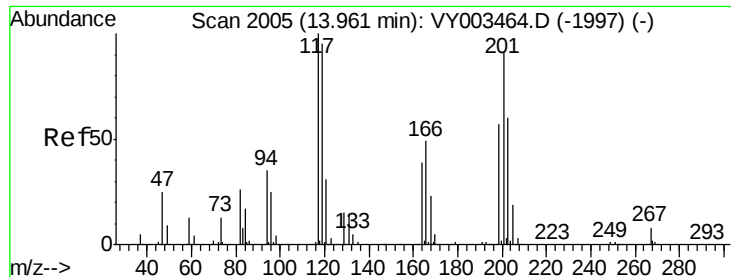
92 53.8 26.7 80.1

134 27.3 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 135.498 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

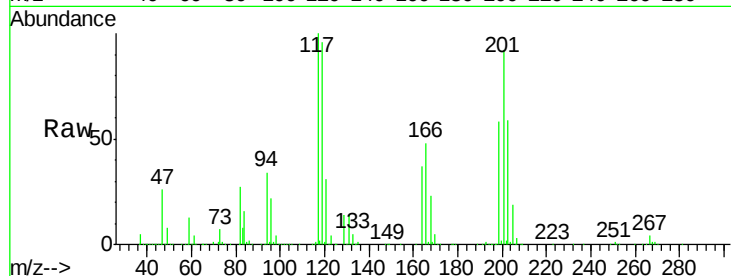
VSTDIC150

Tot Ion:117 Resp: 195660

Ion Ratio Lower Upper

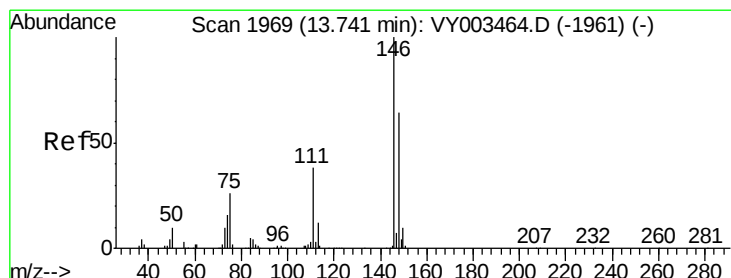
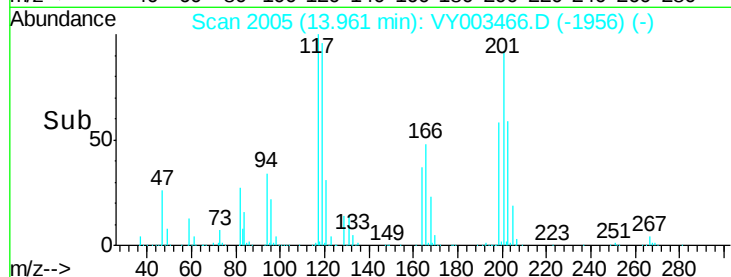
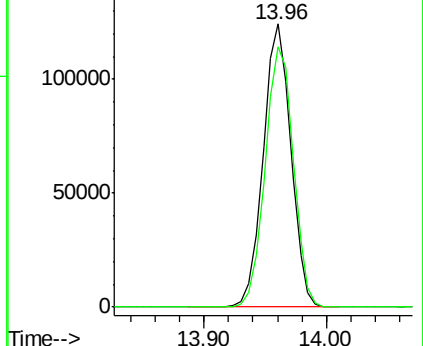
117 100

201 93.7 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 126.242 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

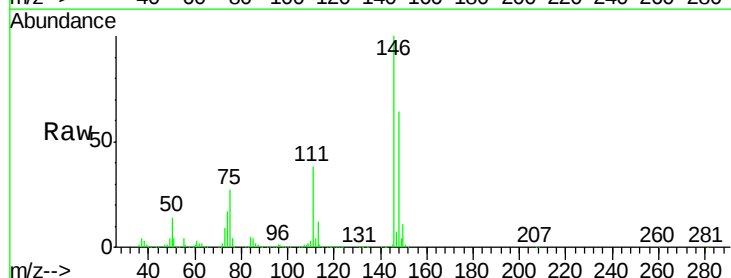
Tgt Ion:146 Resp: 531270

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.8

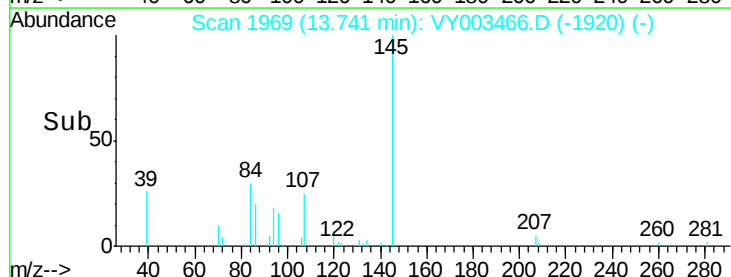
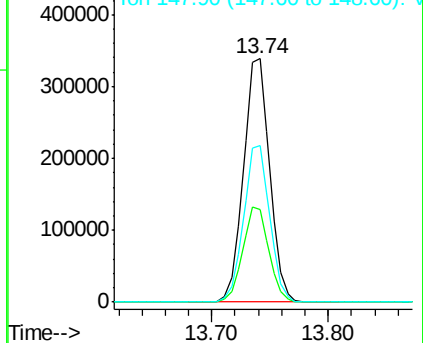
148 64.0 32.3 96.8

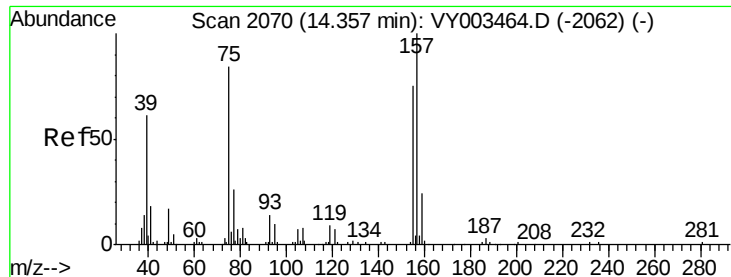


Abundance Ion 145.90 (145.60 to 146.60): V

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: 152.527 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

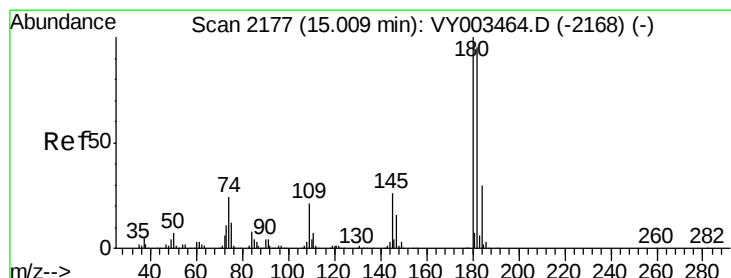
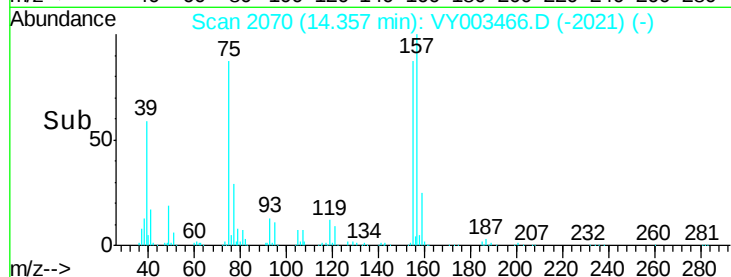
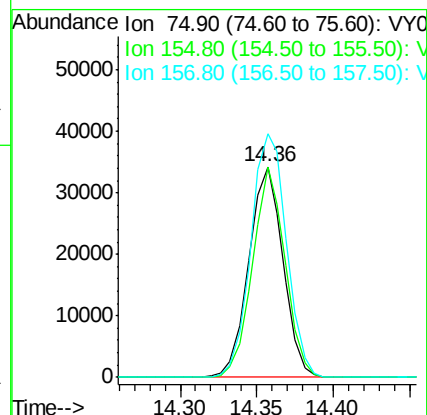
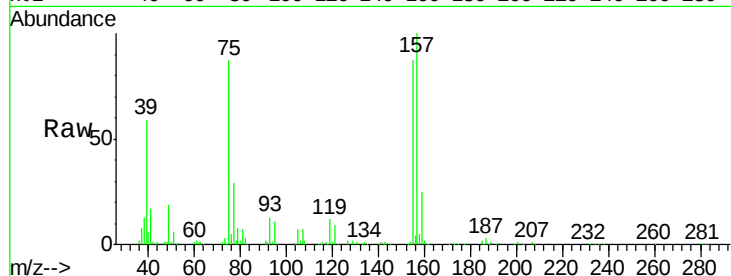
MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 53113

Ion	Ratio	Lower	Upper
75	100		
155	94.9	45.6	136.7
157	120.2	60.3	180.8



#93

1,2,4-Trichlorobenzene

Concen: 119.483 ug/l

RT: 15.00 min Scan# 2176

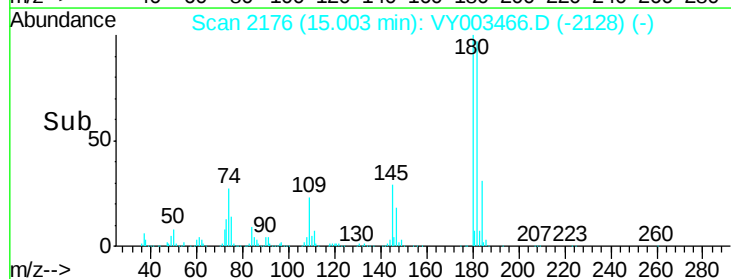
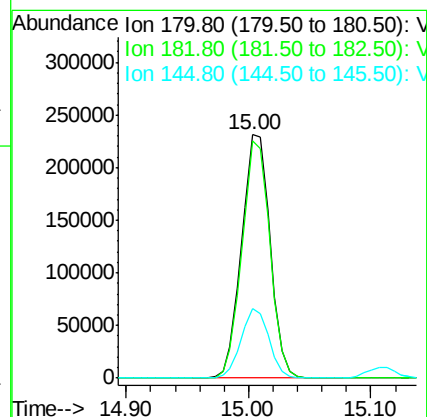
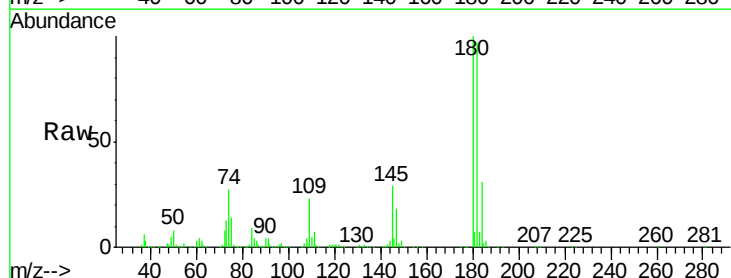
Delta R.T. -0.01 min

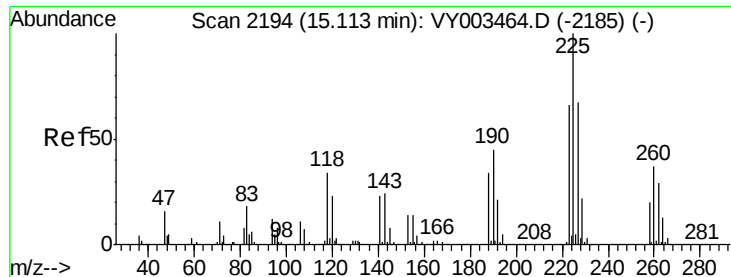
Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Tgt Ion: 180 Resp: 372689

Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.1	144.3
145	27.9	13.8	41.3





#94

Hexachlorobutadiene

Concen: 107.401 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

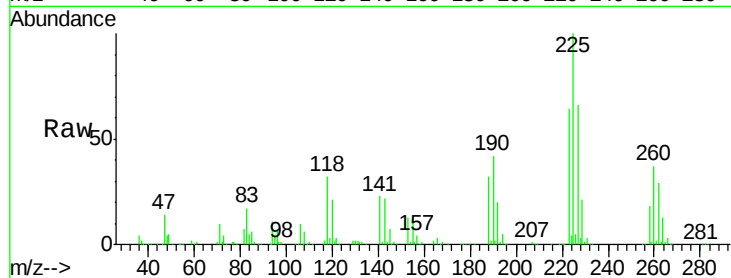
Tot Ion:225 Resp: 218334

Ion Ratio Lower Upper

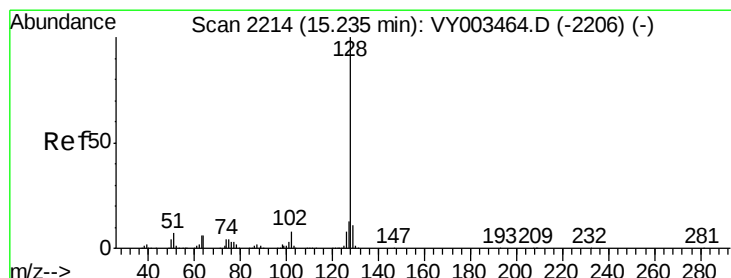
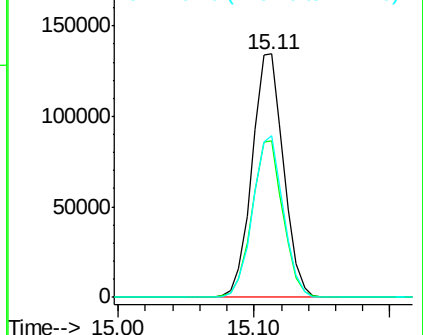
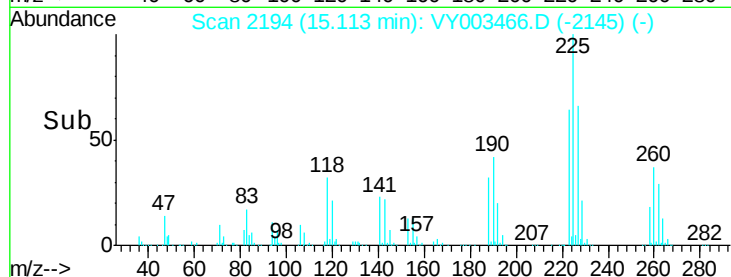
225 100

223 63.0 32.1 96.3

227 64.6 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 148.222 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

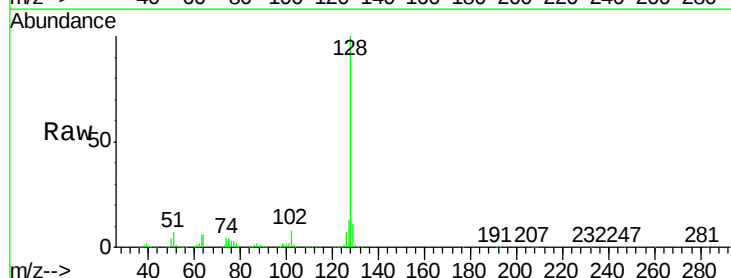
Tgt Ion:128 Resp: 827586

Ion Ratio Lower Upper

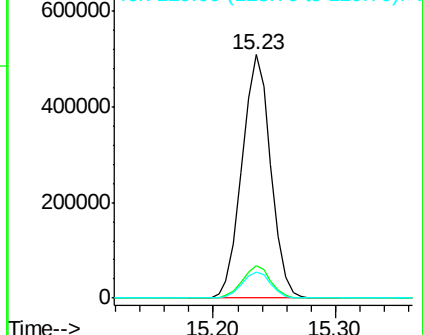
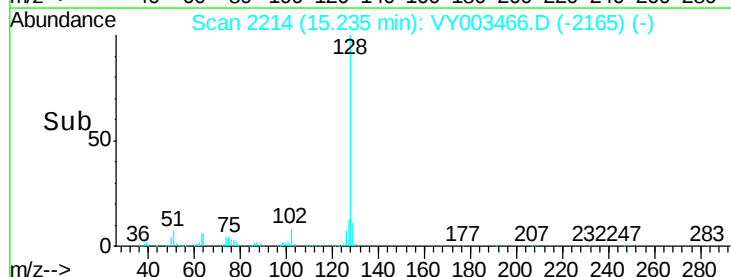
128 100

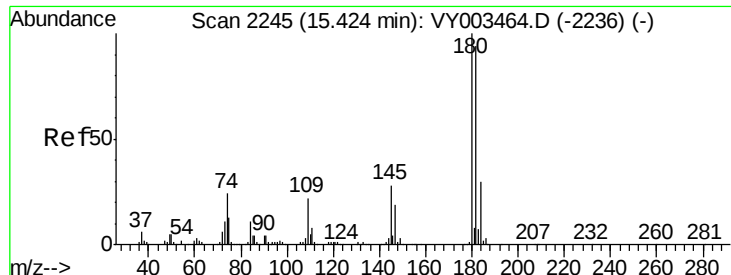
127 13.2 10.5 15.7

129 10.9 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: 123.197 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003466.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

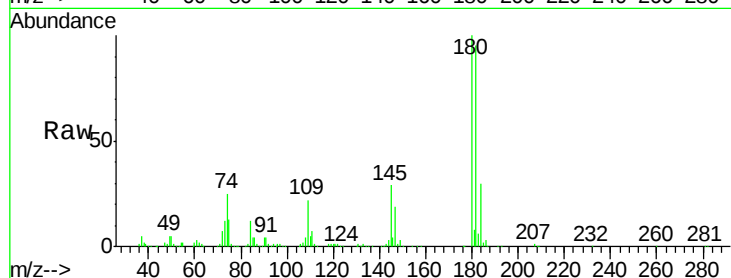
Tot Ion:180 Resp: 334682

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.7

145 29.2 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

