

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002620.D
 Acq On : 07 May 2020 11:03
 Operator : SY/MD
 Sample : VY0507SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Quant Time: May 07 12:42:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	358857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	529144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	474520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	246739	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	155589	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
35) Dibromofluoromethane	7.74	113	167327	55.29	ug/l	0.00
Spiked Amount			Recovery	=	110.58%	
50) Toluene-d8	10.19	98	654708	55.40	ug/l	0.00
Spiked Amount			Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.49	95	221471	55.23	ug/l	0.00
Spiked Amount			Recovery	=	110.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	45741	16.660	ug/l	99
3) Chloromethane	2.12	50	55588	19.120	ug/l	97
4) Vinyl Chloride	2.26	62	63820	19.010	ug/l	100
5) Bromomethane	2.65	94	44496	19.219	ug/l	95
6) Chloroethane	2.80	64	38419	19.166	ug/l	98
7) Trichlorofluoromethane	3.13	101	98215	18.876	ug/l	95
8) Diethyl Ether	3.54	74	34227	19.575	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	61834	19.445	ug/l	97
10) Methyl Iodide	4.11	142	77169	17.812	ug/l	100
11) Tert butyl alcohol	4.98	59	27880	89.810	ug/l	99
12) 1,1-Dichloroethene	3.89	96	59813	19.362	ug/l	98
13) Acrolein	3.74	56	16943	78.928	ug/l	96
14) Allyl chloride	4.50	41	90191	20.038	ug/l	97
15) Acrylonitrile	5.19	53	82390	99.920	ug/l	99
16) Acetone	3.96	43	56516	90.758	ug/l	98
17) Carbon Disulfide	4.21	76	164945	17.748	ug/l	100
18) Methyl Acetate	4.49	43	39817	19.137	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	160305	19.890	ug/l	96
20) Methylene Chloride	4.74	84	69809	20.047	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	67478	19.985	ug/l	95
22) Diisopropyl ether	6.13	45	191106	20.984	ug/l	98
23) Vinyl Acetate	6.08	43	571468	99.775	ug/l	99
24) 1,1-Dichloroethane	6.04	63	110137	20.442	ug/l	99
25) 2-Butanone	7.00	43	96515	94.684	ug/l	100
26) 2,2-Dichloropropane	7.00	77	101910	19.899	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	75453	20.196	ug/l	99
28) Bromochloromethane	7.35	49	46094	20.881	ug/l	97
29) Tetrahydrofuran	7.36	42	67049	99.418	ug/l	99
30) Chloroform	7.53	83	113240	20.214	ug/l	98
31) Cyclohexane	7.80	56	103340	19.055	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	103908	19.955	ug/l	100
36) 1,1-Dichloropropene	7.93	75	88235	19.891	ug/l	99
37) Ethyl Acetate	7.09	43	45267	19.858	ug/l	99
38) Carbon Tetrachloride	7.91	117	96856	20.000	ug/l	99

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

39) Methylcyclohexane	9.19	83	115288	19.677	ug/l	98
40) Benzene	8.18	78	258118	20.147	ug/l	100
41) Methacrylonitrile	7.36	41	61849	50.464	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	68790	19.142	ug/l	99
43) Isopropyl Acetate	8.28	43	85658	20.045	ug/l	100
44) Trichloroethene	8.95	130	83099	20.755	ug/l	99
45) 1,2-Dichloropropane	9.22	63	63763	20.622	ug/l	98
46) Dibromomethane	9.32	93	35127	19.745	ug/l	99
47) Bromodichloromethane	9.51	83	87319	20.186	ug/l	97
48) Methyl methacrylate	9.30	41	38634	19.976	ug/l	99
49) 1,4-Dioxane	9.30	88	9427	400.211	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	227165	103.132	ug/l	100
52) Toluene	10.25	92	167856	20.386	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91528	20.194	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	106981	20.418	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	54035	20.828	ug/l	99
56) Ethyl methacrylate	10.52	69	69724	20.202	ug/l	98
57) 1,3-Dichloropropane	10.80	76	88414	20.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	194745	107.000	ug/l	98
59) 2-Hexanone	10.84	43	154452	101.880	ug/l	100
60) Dibromochloromethane	10.99	129	66480	20.148	ug/l	100
61) 1,2-Dibromoethane	11.10	107	50589	19.693	ug/l	99
64) Tetrachloroethene	10.73	164	93134	22.090	ug/l	99
65) Chlorobenzene	11.52	112	186170	20.638	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	70086	20.931	ug/l	99
67) Ethyl Benzene	11.60	91	327881	20.693	ug/l	100
68) m/p-Xylenes	11.71	106	254762	41.554	ug/l	100
69) o-Xylene	12.03	106	120024	20.908	ug/l	99
70) Styrene	12.05	104	206451	21.037	ug/l	99
71) Bromoform	12.22	173	42970	20.676	ug/l #	99
73) Isopropylbenzene	12.34	105	330465	20.666	ug/l	99
74) N-amyl acetate	12.15	43	78245	20.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	48732	19.162	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	78448	35.777	ug/l #	100
77) Bromobenzene	12.61	156	81856	20.489	ug/l	99
78) n-propylbenzene	12.68	91	386948	20.852	ug/l	100
79) 2-Chlorotoluene	12.77	91	212126	20.636	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	275528	20.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21635	19.785	ug/l	94
82) 4-Chlorotoluene	12.86	91	224006	20.746	ug/l	99
83) tert-Butylbenzene	13.08	119	241627	20.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	274759	20.799	ug/l	99
85) sec-Butylbenzene	13.26	105	342389	21.230	ug/l	100
86) p-Isopropyltoluene	13.38	119	317370	21.002	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	158639	20.980	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	157134	20.986	ug/l	99
89) n-Butylbenzene	13.70	91	291831	21.214	ug/l	100
90) Hexachloroethane	13.97	117	58042	21.091	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	141102	20.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9079	19.151	ug/l	97

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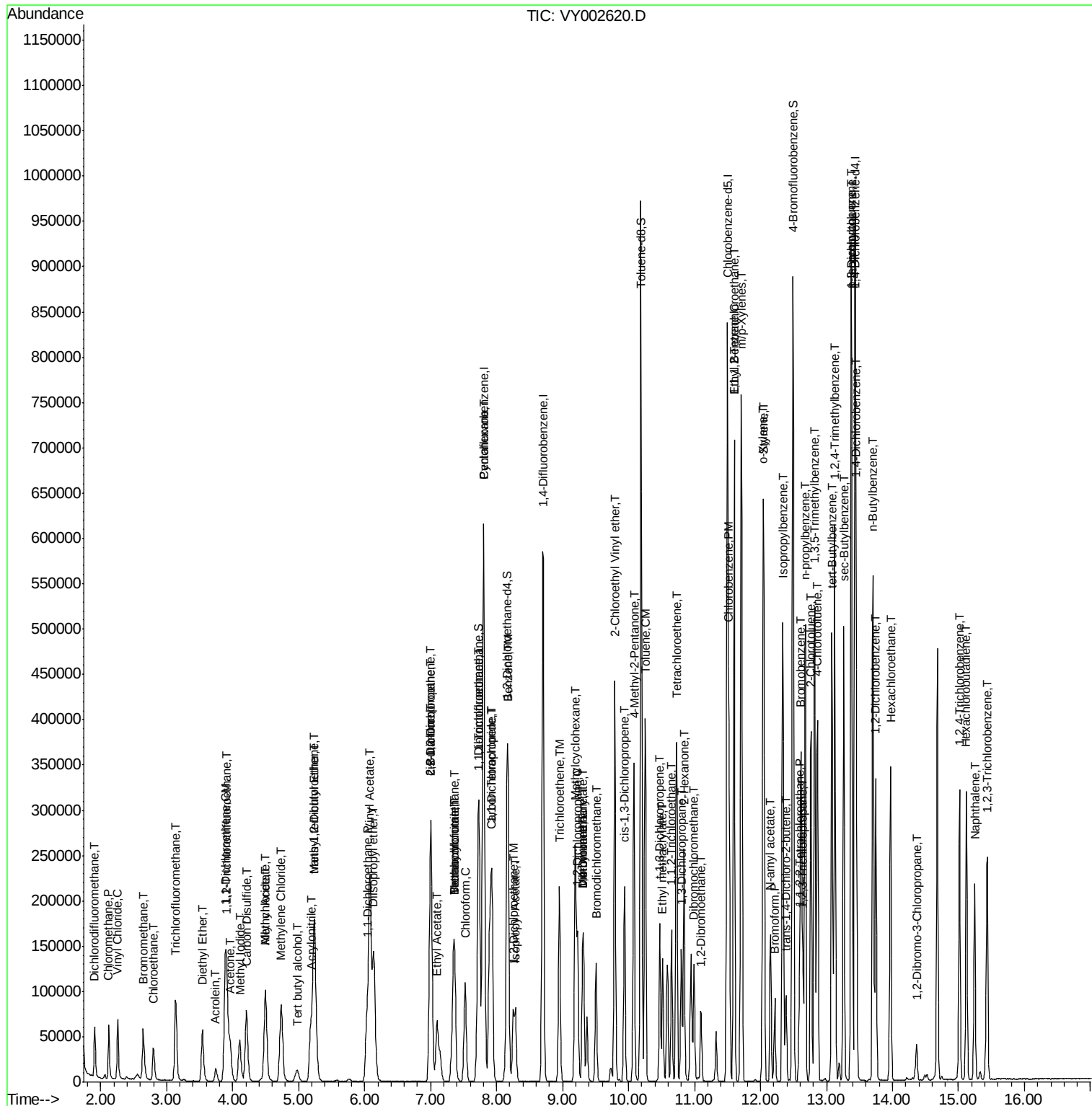
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	104776	21.389	ug/l	99
94) Hexachlorobutadiene	15.13	225	64045	21.781	ug/l	98
95) Naphthalene	15.25	128	180113	20.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	86057	20.694	ug/l	99

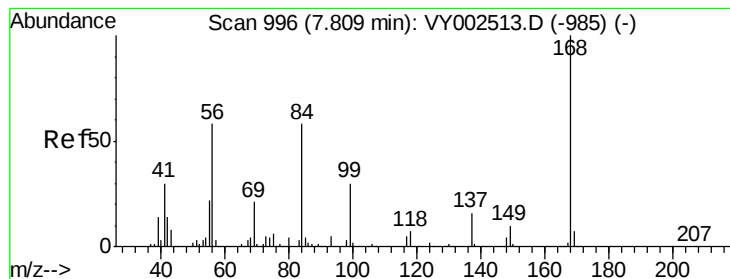
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

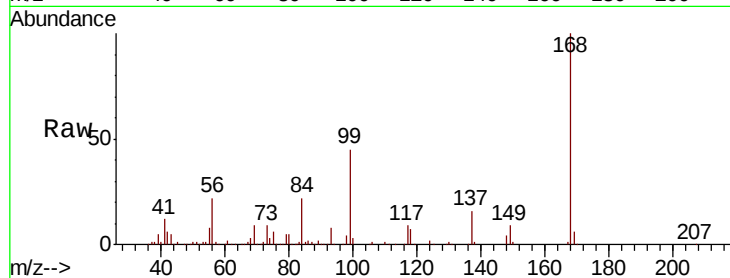
VY0507SBS01

Tot Ion:168 Resp: 358857

Ion Ratio Lower Upper

168 100

99 45.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002620.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002620.D (-947) (-)

7.81

150000

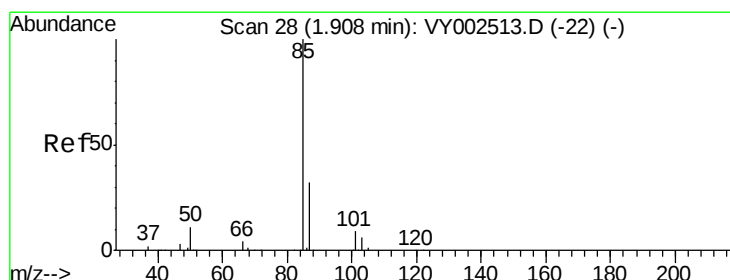
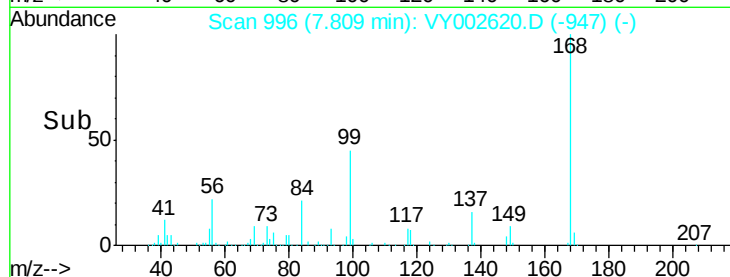
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.660 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002620.D

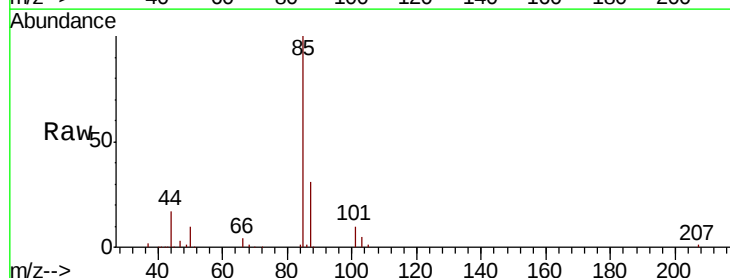
Acq: 07 May 2020 11:03

Tgt Ion: 85 Resp: 45741

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002620.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002620.D (-1) (-)

1.91

30000

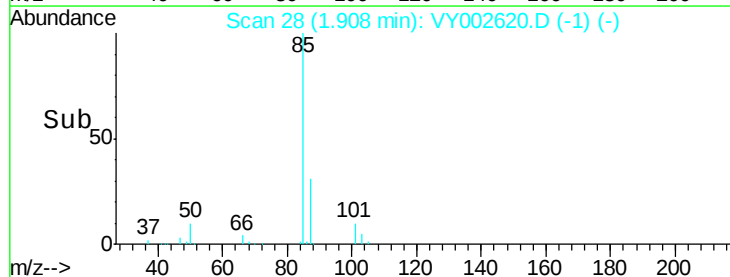
20000

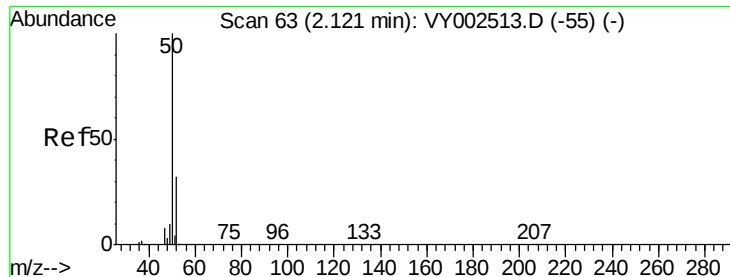
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.120 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

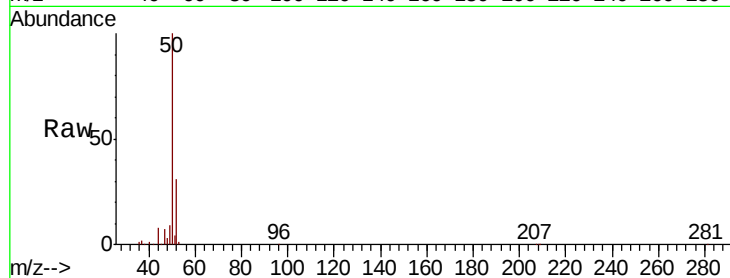
VY0507SBS01

Tot Ion: 50 Resp: 55588

Ion Ratio Lower Upper

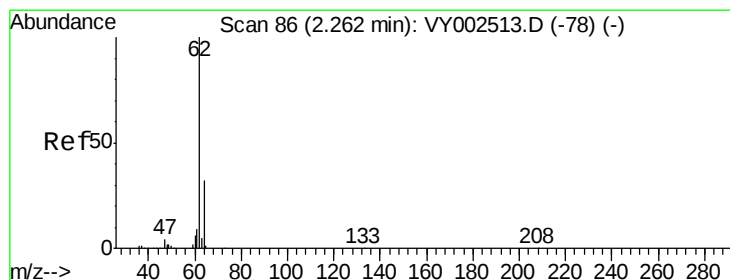
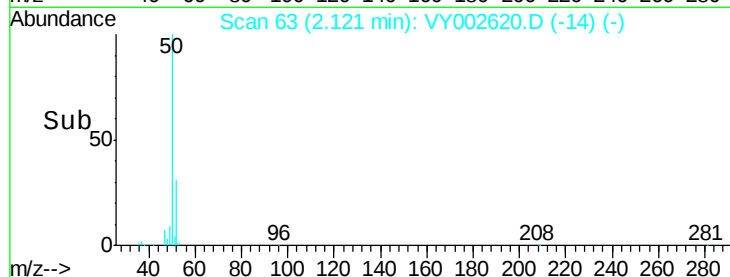
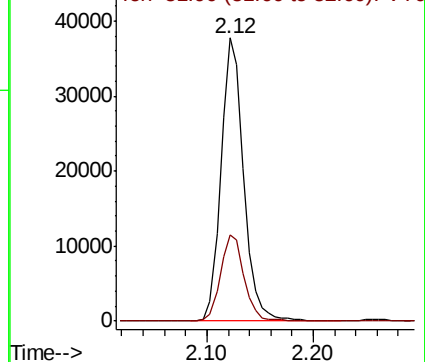
50 100

52 30.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.010 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002620.D

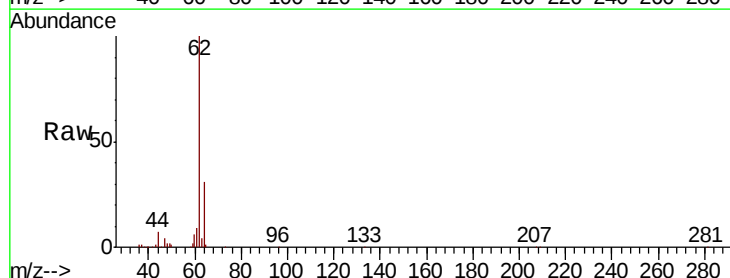
Acq: 07 May 2020 11:03

Tgt Ion: 62 Resp: 63820

Ion Ratio Lower Upper

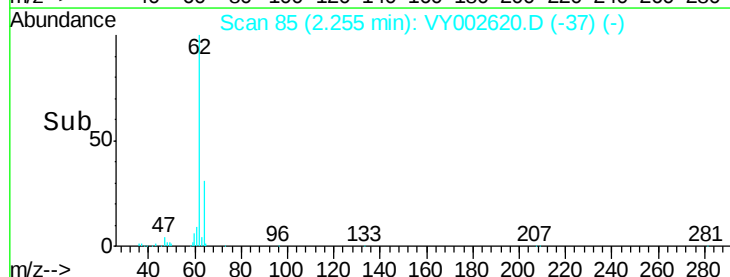
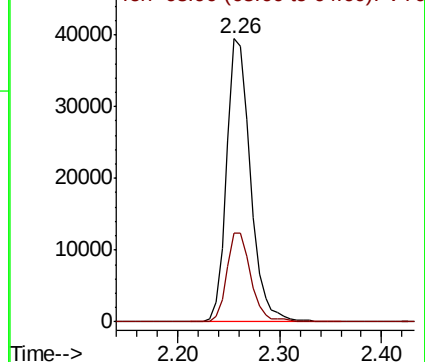
62 100

64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.219 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

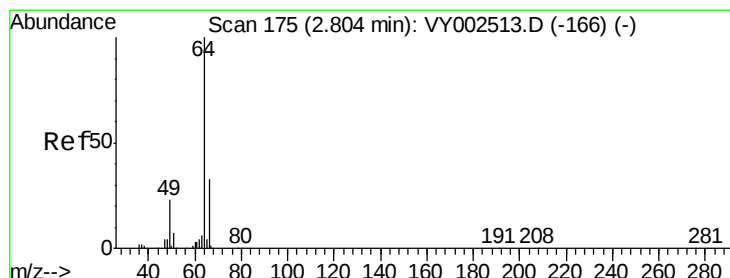
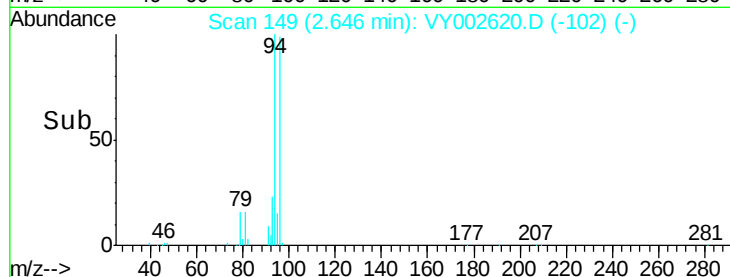
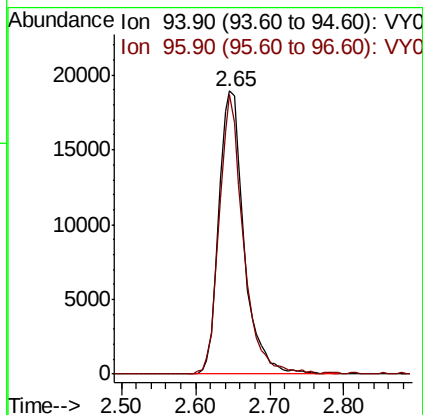
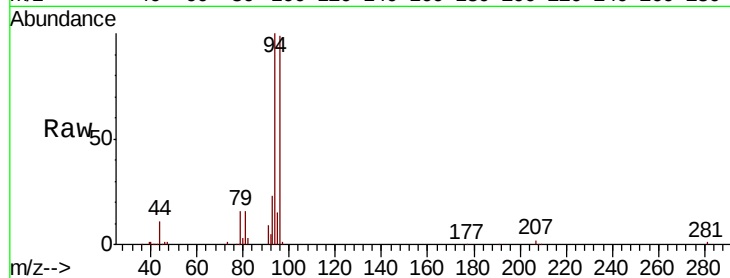
VY0507SBS01

Tot Ion: 94 Resp: 44496

Ion Ratio Lower Upper

94 100

96 98.3 74.9 112.3



#6

Chloroethane

Concen: 19.166 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002620.D

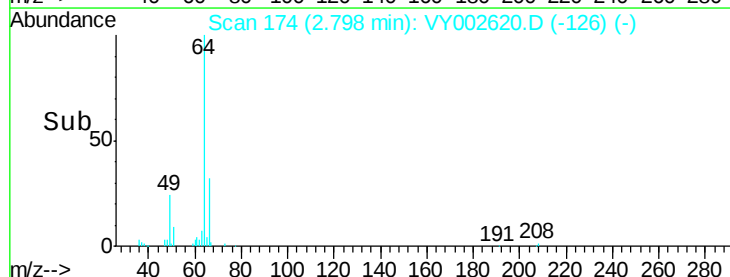
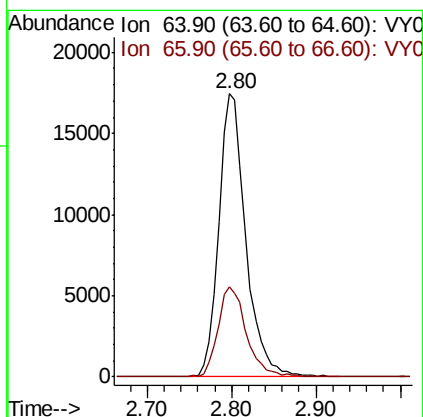
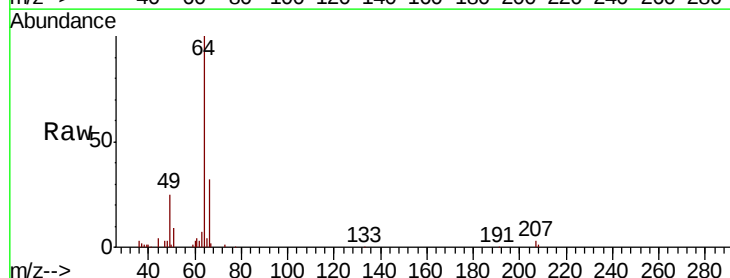
Acq: 07 May 2020 11:03

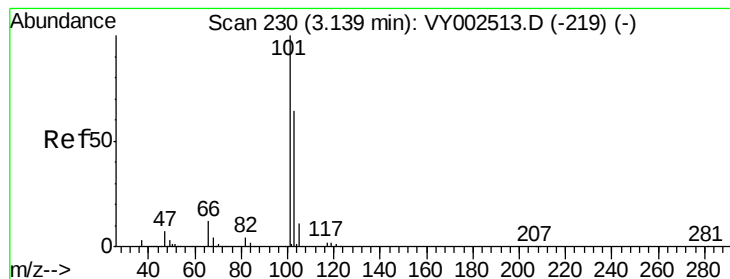
Tgt Ion: 64 Resp: 38419

Ion Ratio Lower Upper

64 100

66 31.8 26.3 39.5



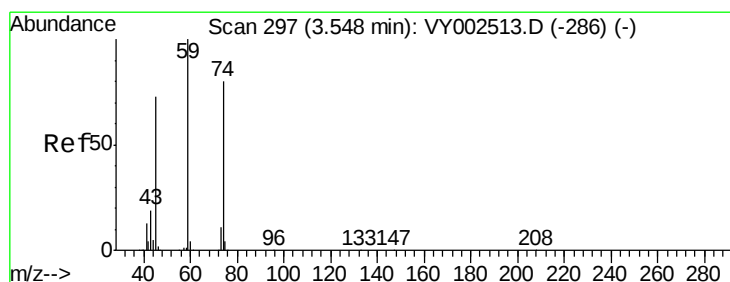
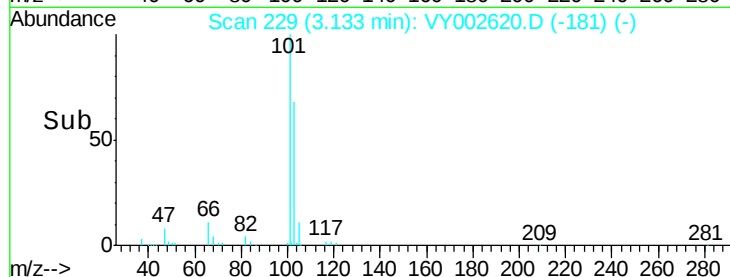
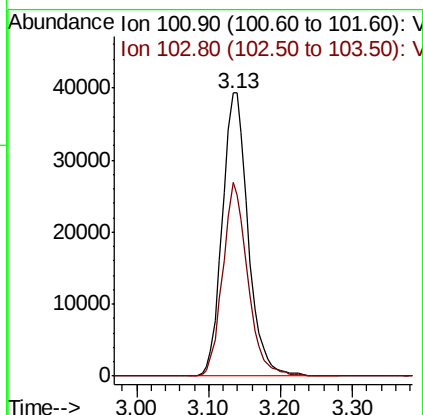
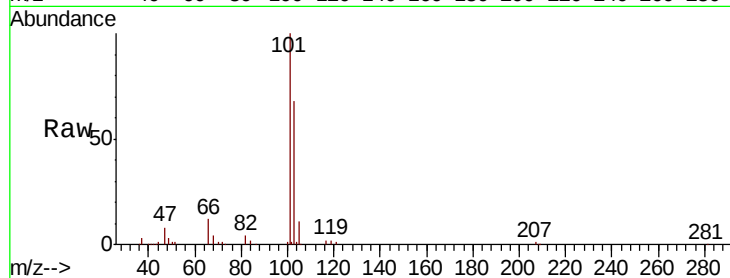


#7

Trichlorofluoromethane
 Concen: 18.876 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002620.D
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Instrument :
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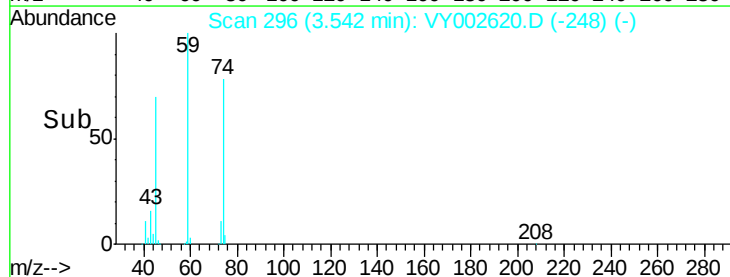
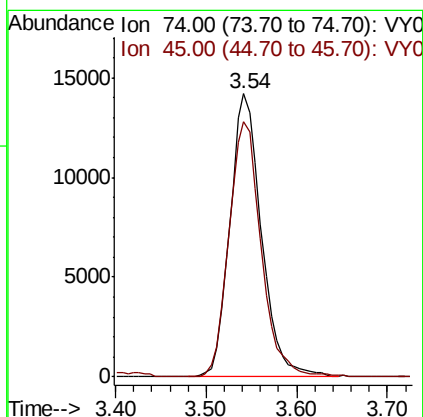
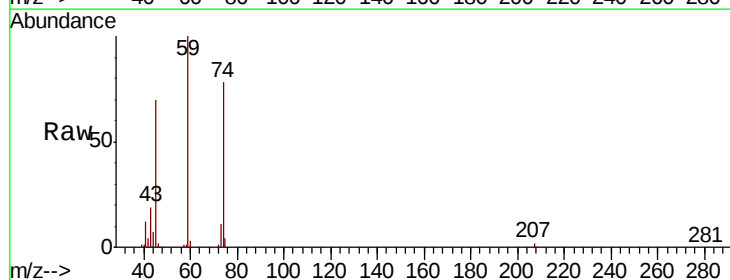
Tot Ion:101 Resp: 98215
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.4 77.0

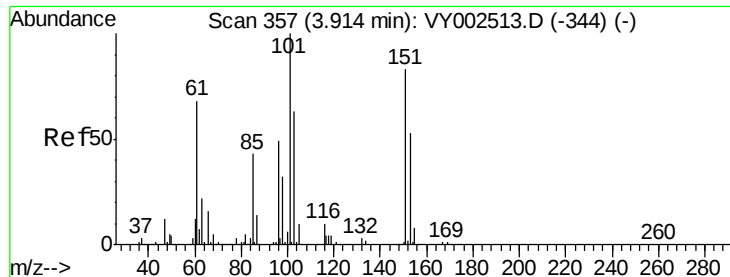


#8

Diethyl Ether
 Concen: 19.575 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 74 Resp: 34227
 Ion Ratio Lower Upper
 74 100
 45 92.2 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.445 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

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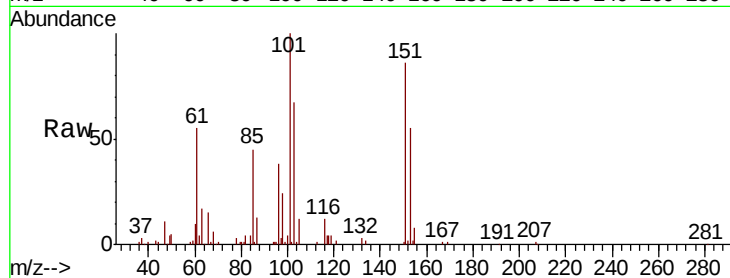
Tot Ion:101 Resp: 61834

Ion Ratio Lower Upper

101 100

85 44.2 33.4 50.2

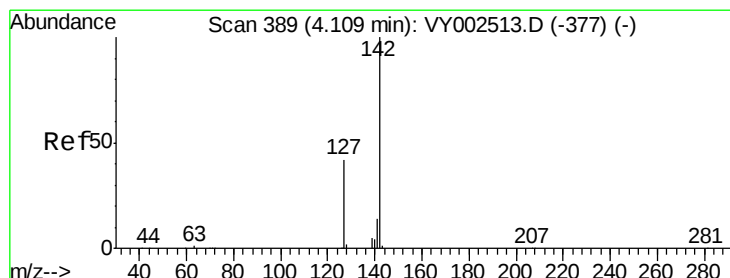
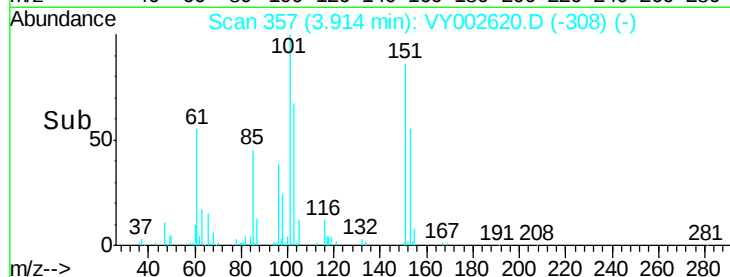
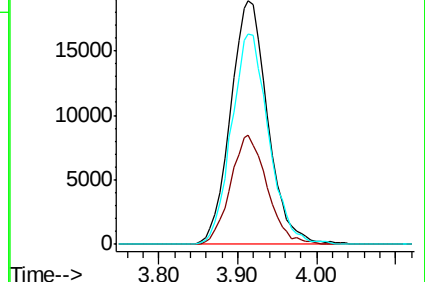
151 86.5 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.812 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

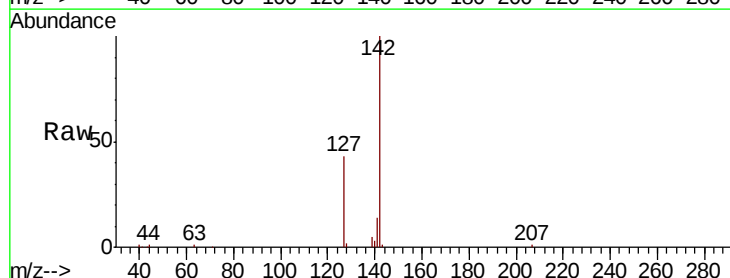
Tgt Ion:142 Resp: 77169

Ion Ratio Lower Upper

142 100

127 42.2 33.7 50.5

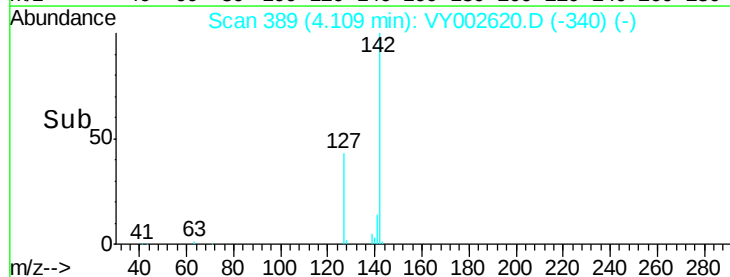
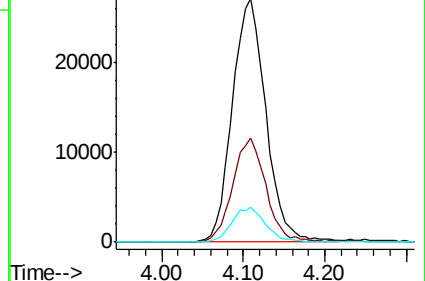
141 14.2 11.4 17.0

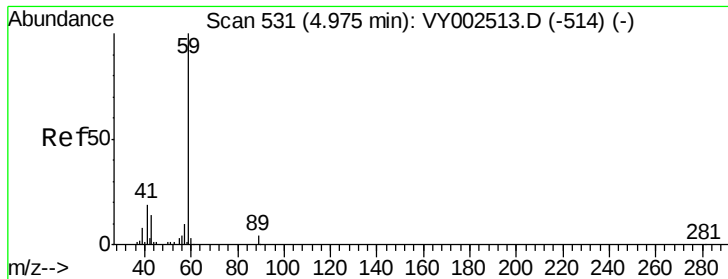


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

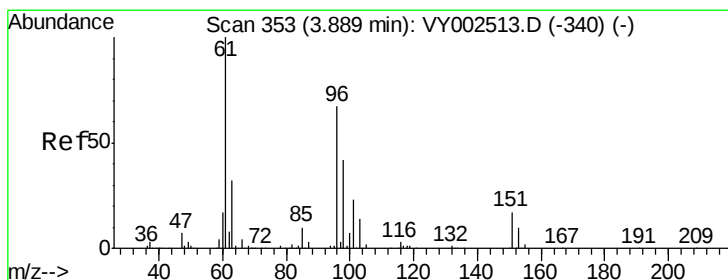
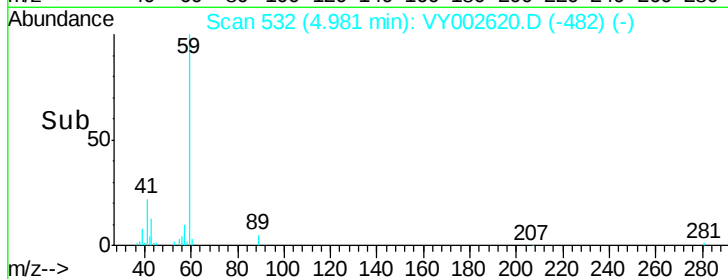
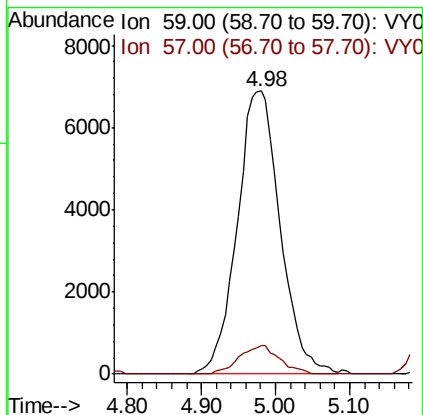
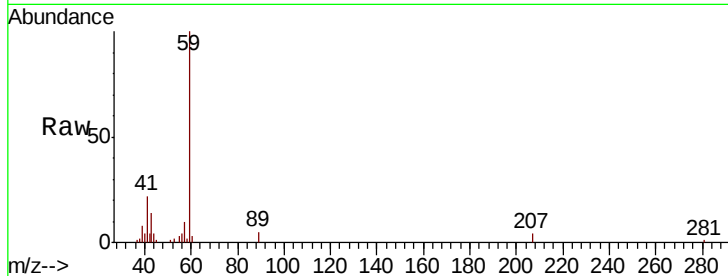




#11
Tert butyl alcohol
Concen: 89.810 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

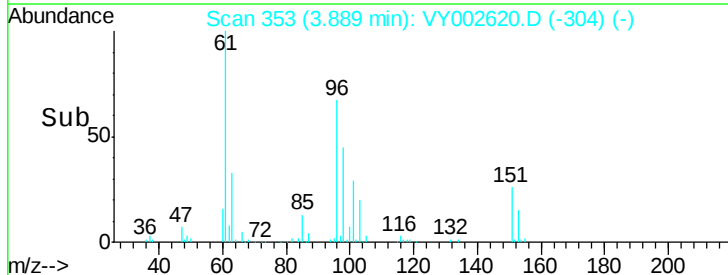
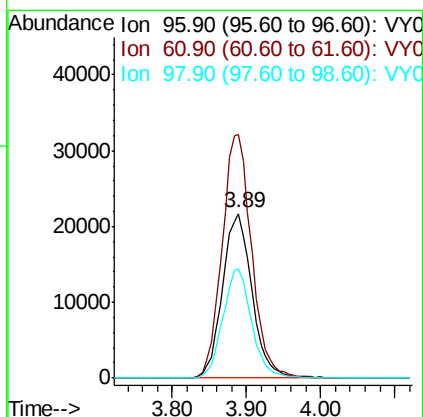
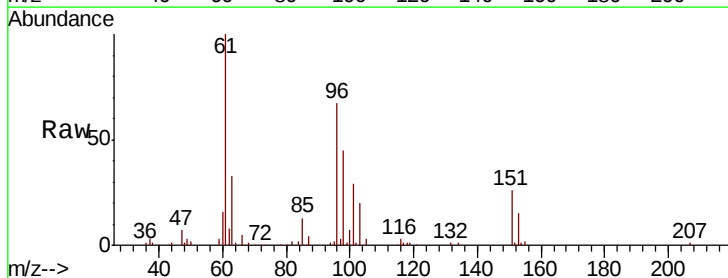
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

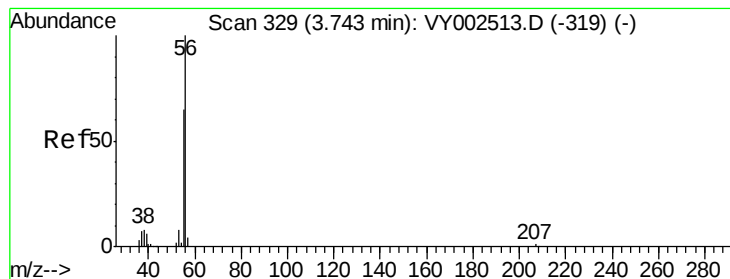
Tot Ion: 59 Resp: 27880
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.362 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 96 Resp: 59813
Ion Ratio Lower Upper
96 100
61 148.2 118.8 178.2
98 66.8 49.6 74.4





#13

Acrolein

Concen: 78.928 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

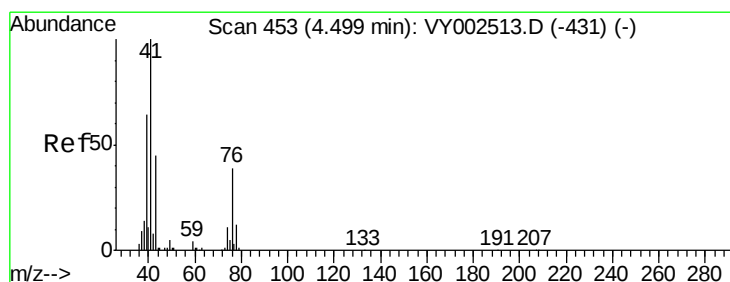
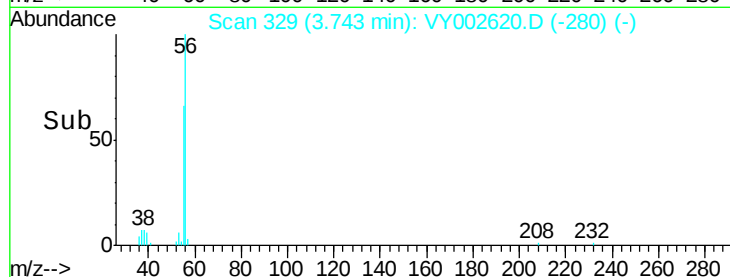
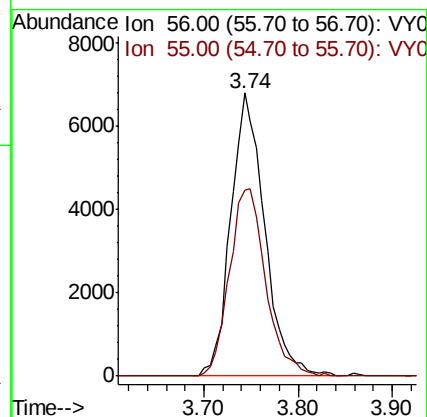
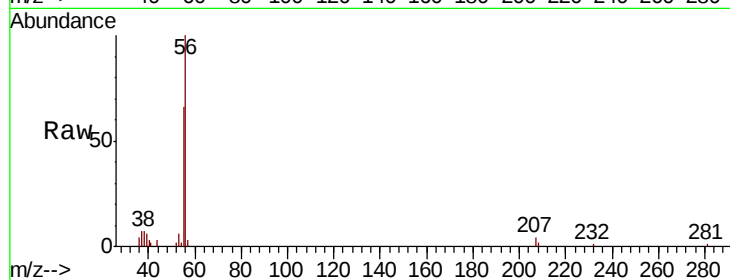
VY0507SBS01

Tot Ion: 56 Resp: 16943

Ion Ratio Lower Upper

56 100

55 70.7 53.8 80.6



#14

Allyl chloride

Concen: 20.038 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

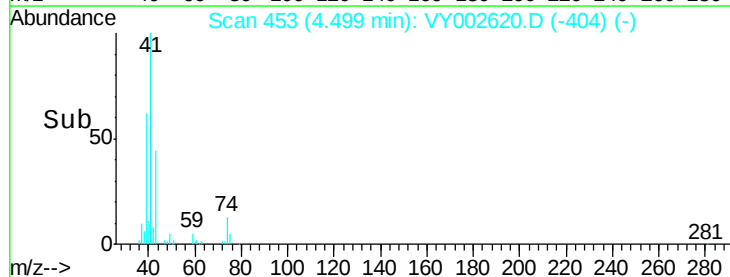
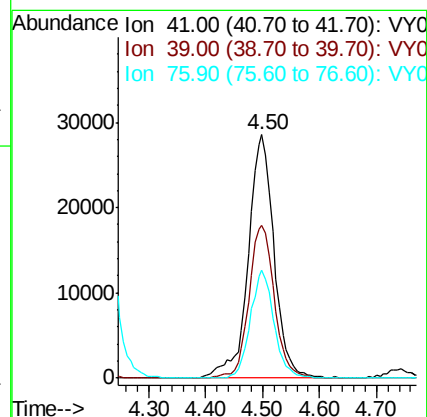
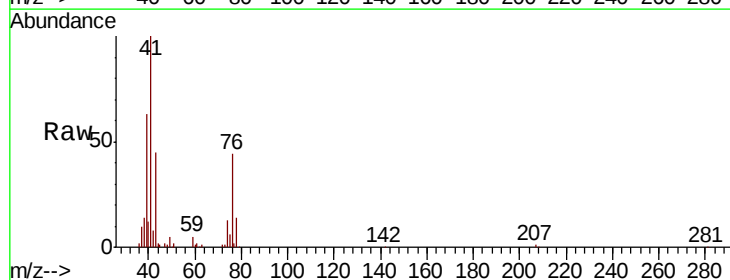
Tgt Ion: 41 Resp: 90191

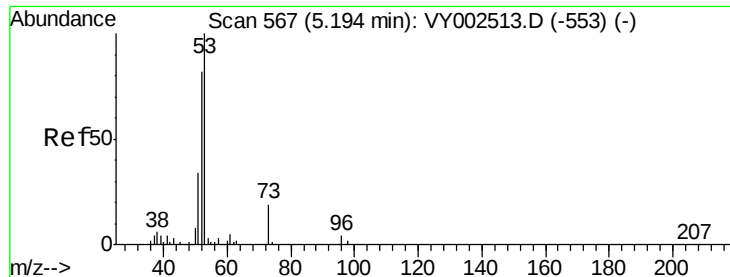
Ion Ratio Lower Upper

41 100

39 62.1 51.8 77.6

76 40.6 31.7 47.5





#15

Acrylonitrile

Concen: 99.920 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

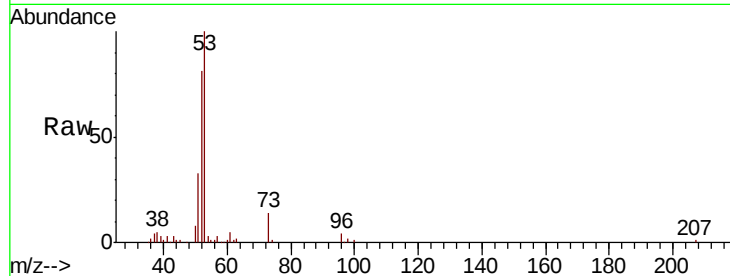
Tot Ion: 53 Resp: 82390

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.0

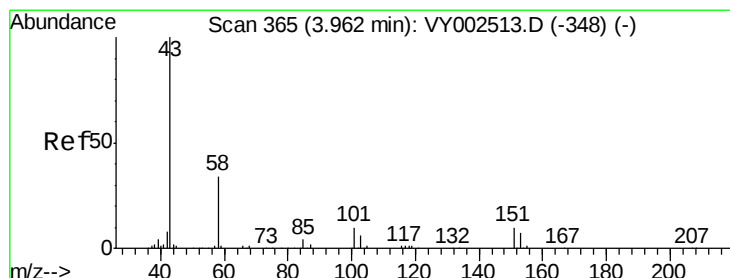
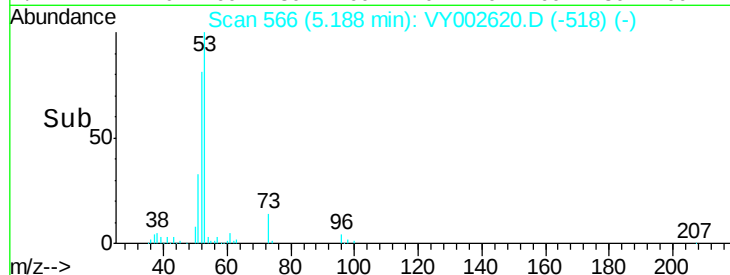
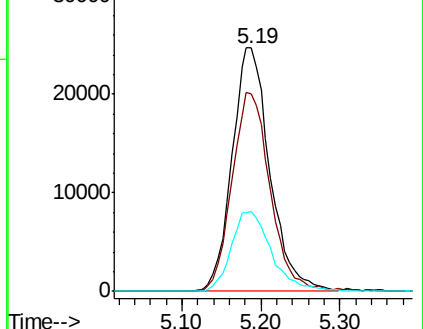
51 34.6 28.7 43.1



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: 90.758 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002620.D

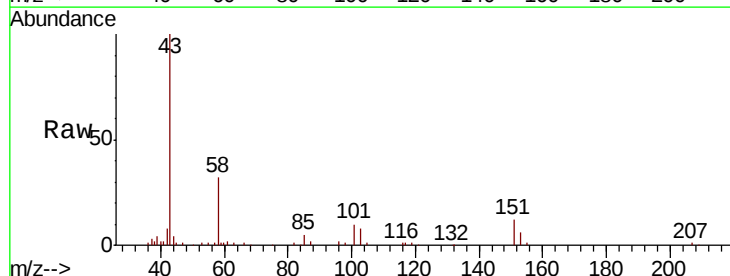
Acq: 07 May 2020 11:03

Tgt Ion: 43 Resp: 56516

Ion Ratio Lower Upper

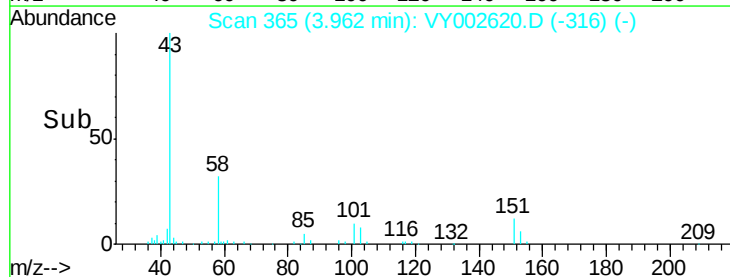
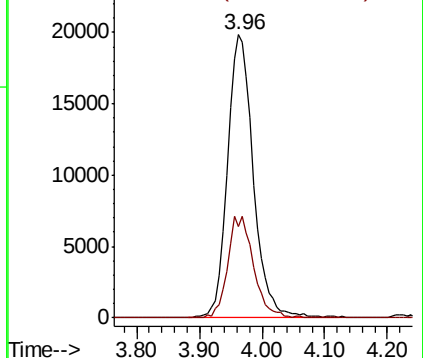
43 100

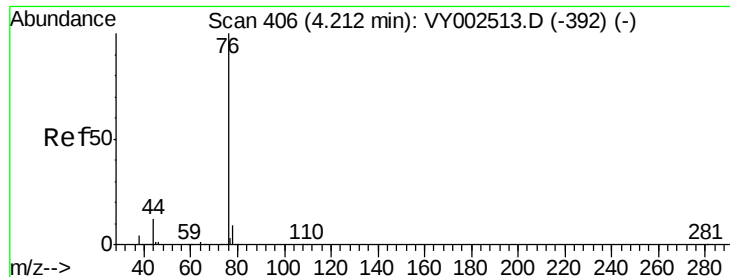
58 32.3 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

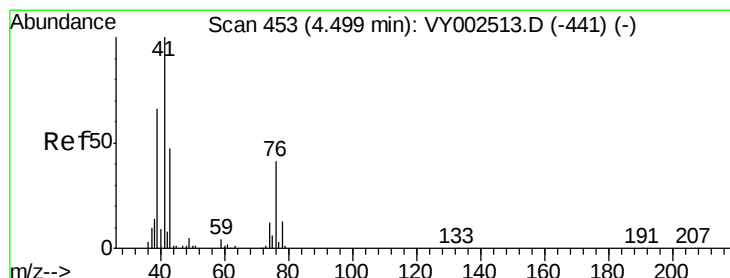
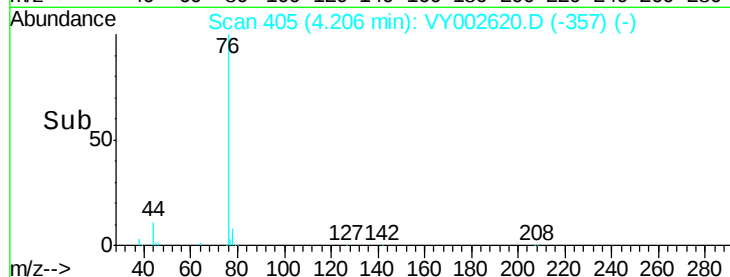
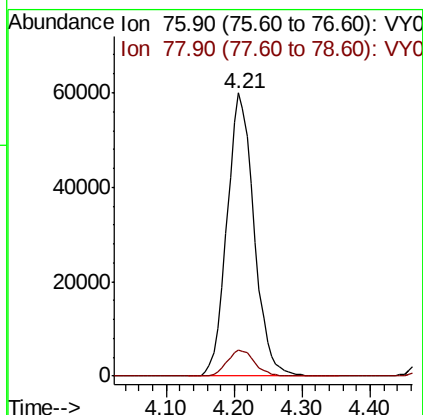
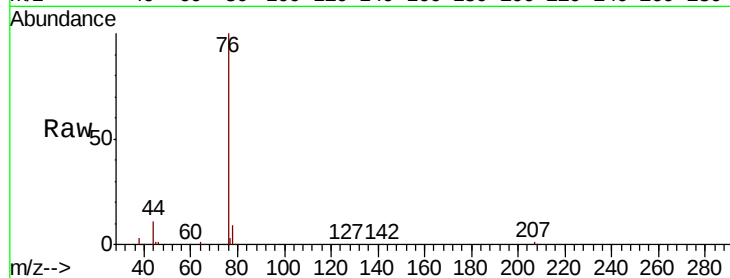




#17
Carbon Disulfide
Concen: 17.748 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

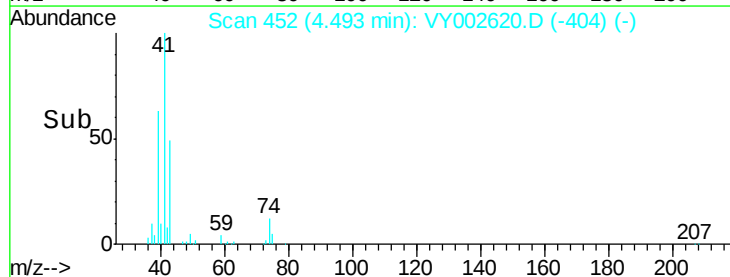
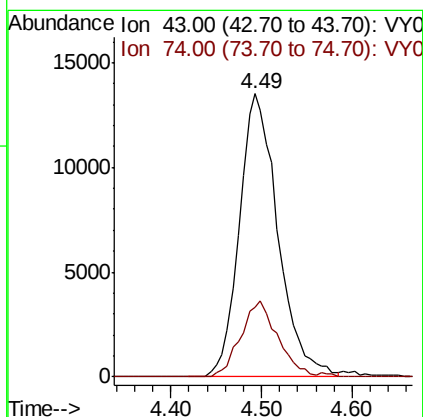
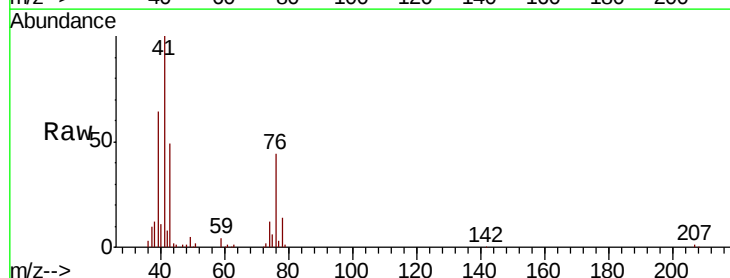
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

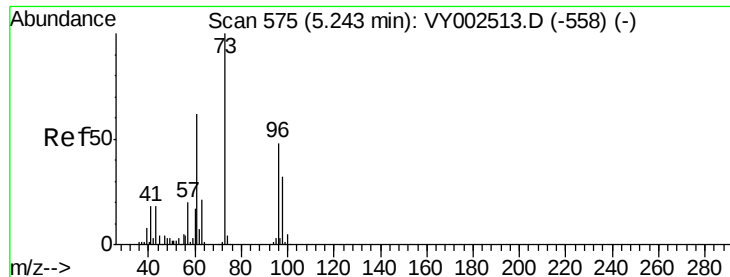
Tot Ion: 76 Resp: 164945
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 19.137 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 43 Resp: 39817
Ion Ratio Lower Upper
43 100
74 25.6 21.2 31.8

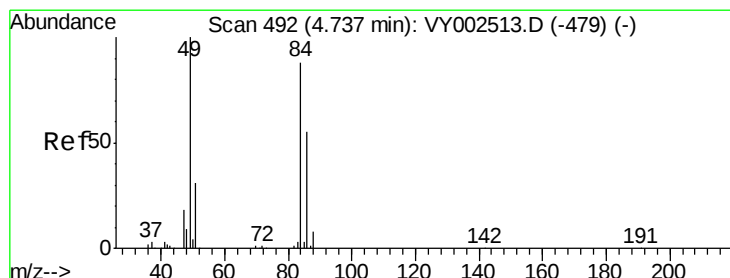
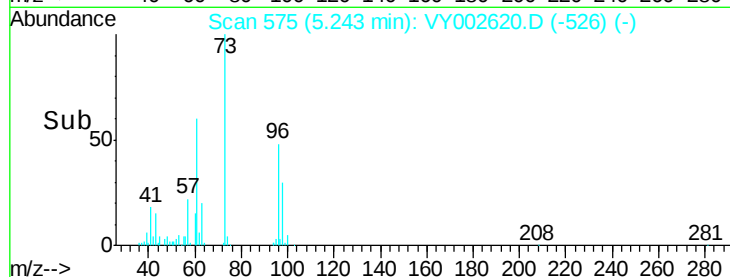
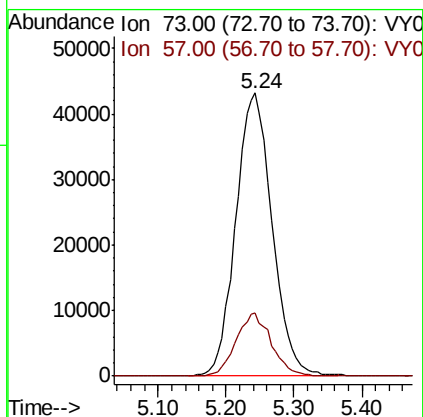
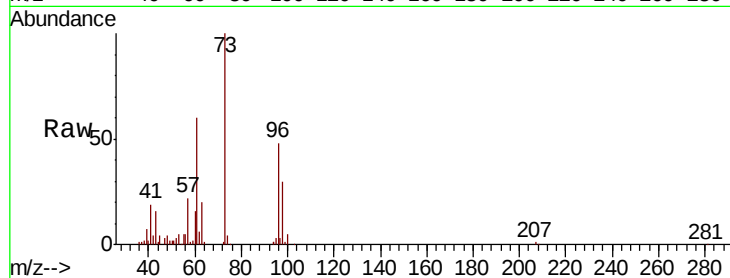




#19
Methvl tert-butvl Ether
Concen: 19.890 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

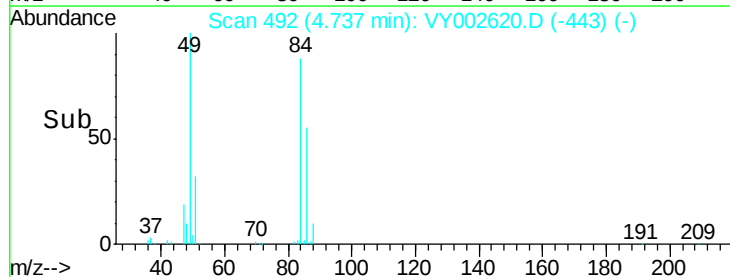
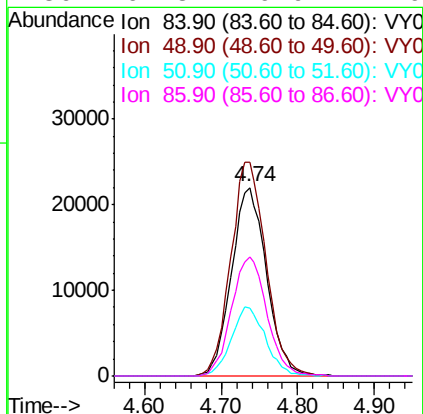
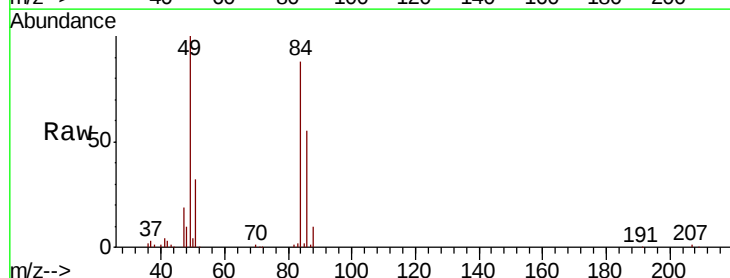
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

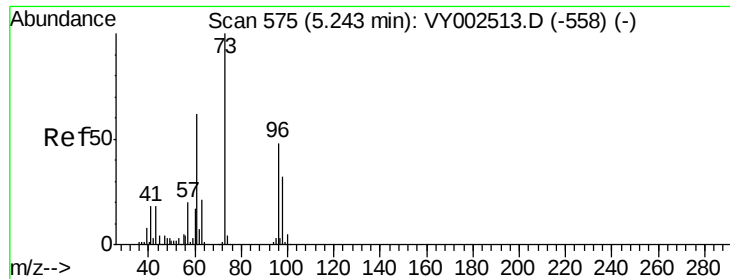
Tot Ion: 73 Resp: 160305
Ion Ratio Lower Upper
73 100
57 22.4 16.3 24.5



#20
Methylene Chloride
Concen: 20.047 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 84 Resp: 69809
Ion Ratio Lower Upper
84 100
49 113.2 90.5 135.7
51 35.9 28.3 42.5
86 62.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.985 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

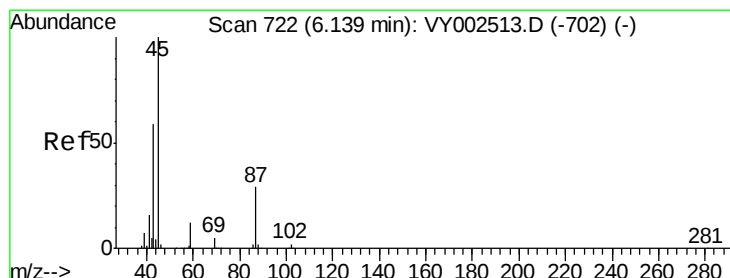
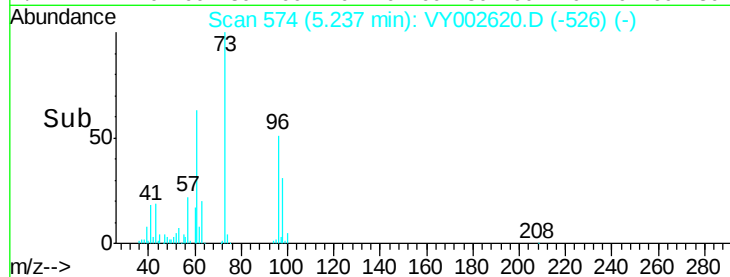
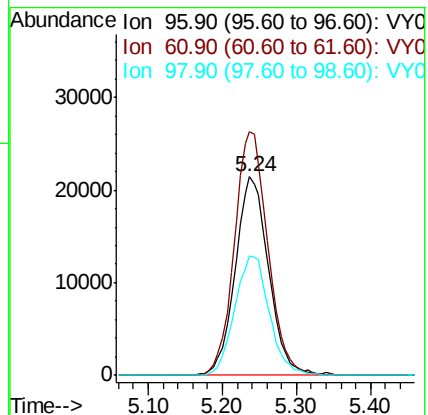
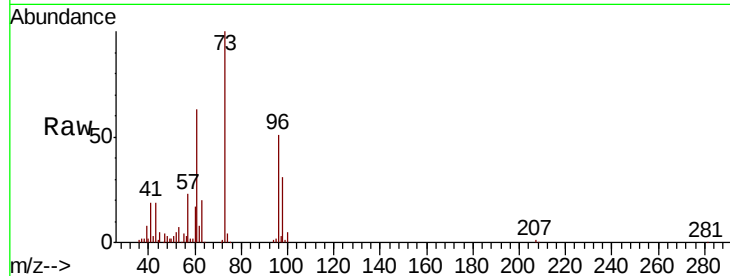
Tot Ion: 96 Resp: 67478

Ion Ratio Lower Upper

96 100

61 122.8 102.0 153.0

98 60.1 53.0 79.4



#22

Diisopropyl ether

Concen: 20.984 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion: 45 Resp: 191106

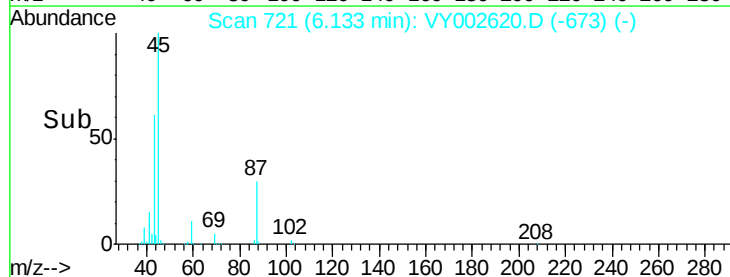
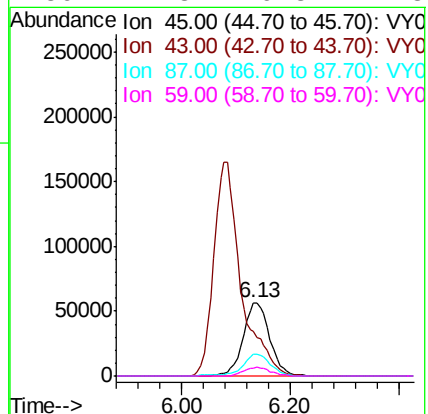
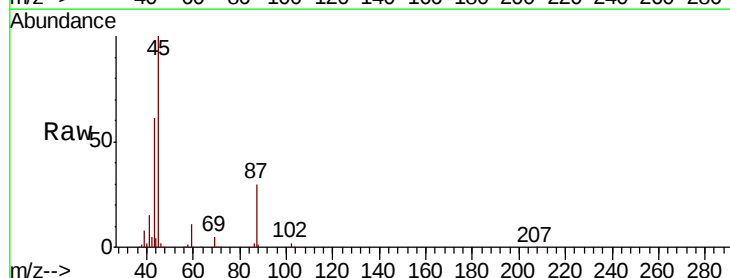
Ion Ratio Lower Upper

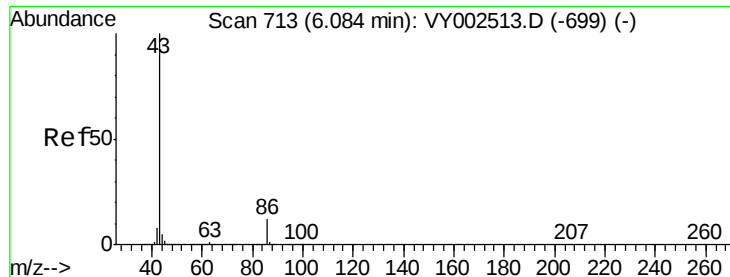
45 100

43 60.8 47.4 71.0

87 30.0 24.0 36.0

59 11.3 9.8 14.8





#23

Vinyl Acetate

Concen: 99.775 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

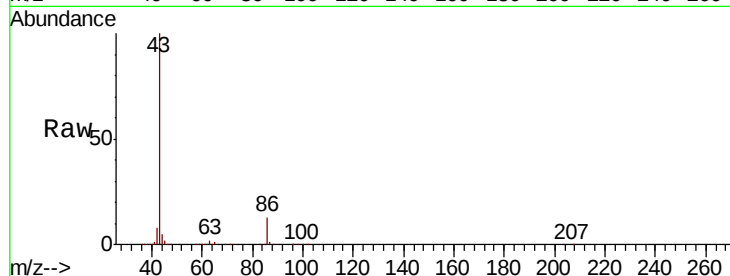
VY0507SBS01

Tot Ion: 43 Resp: 571468

Ion Ratio Lower Upper

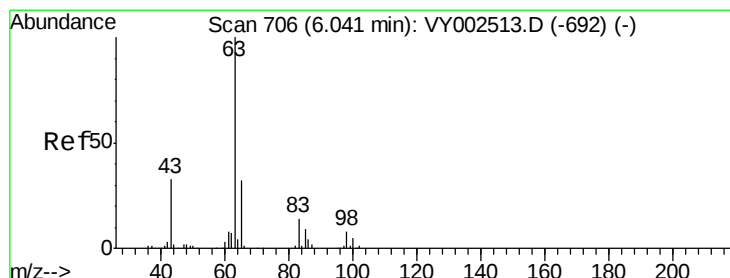
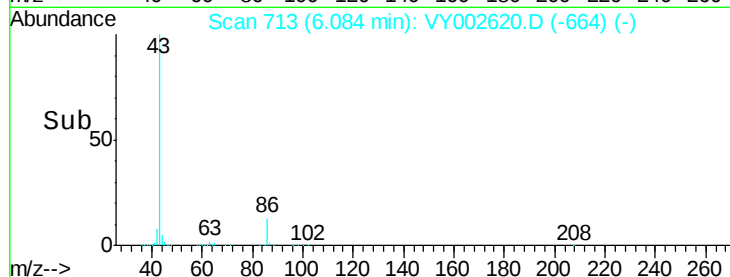
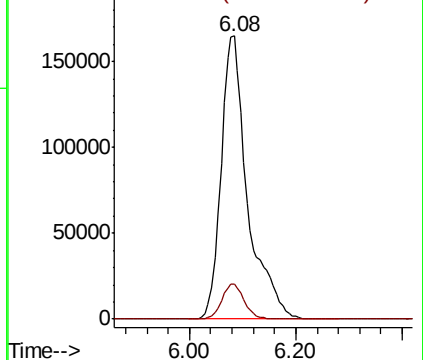
43 100

86 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.442 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

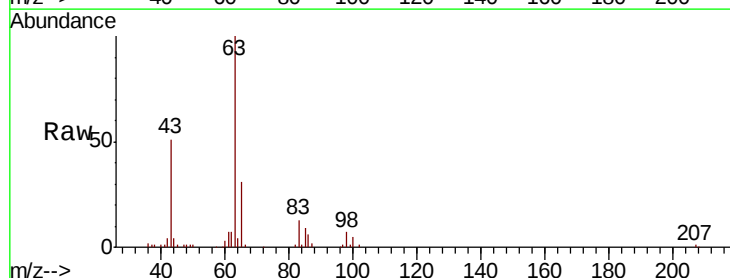
Tgt Ion: 63 Resp: 110137

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

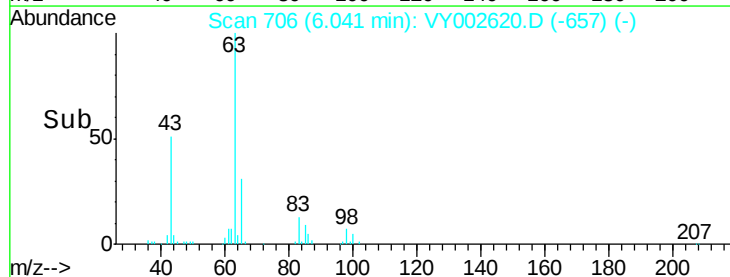
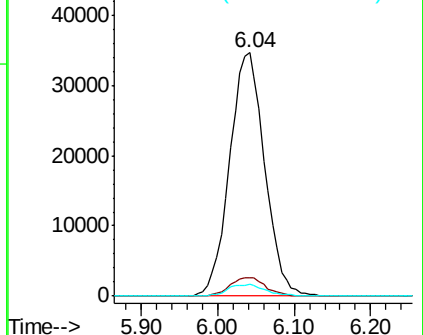
100 5.0 2.4 7.2



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

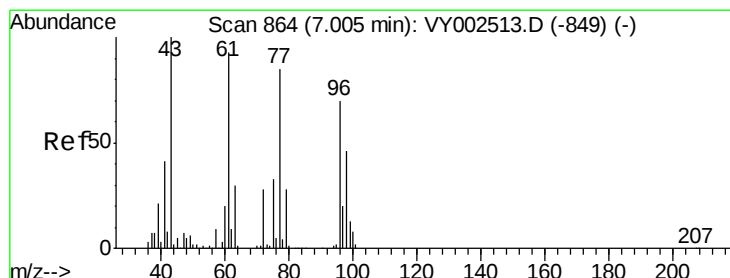
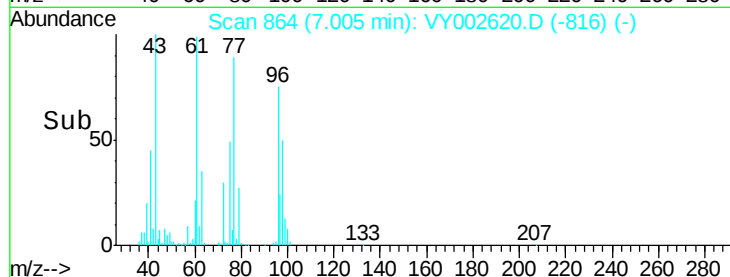
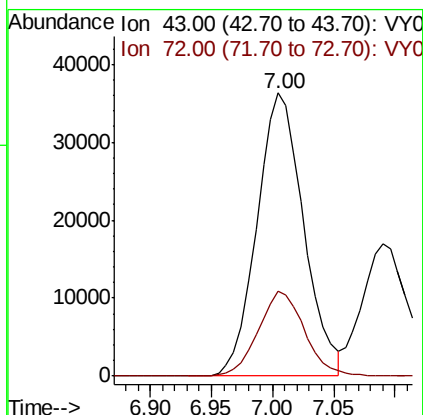
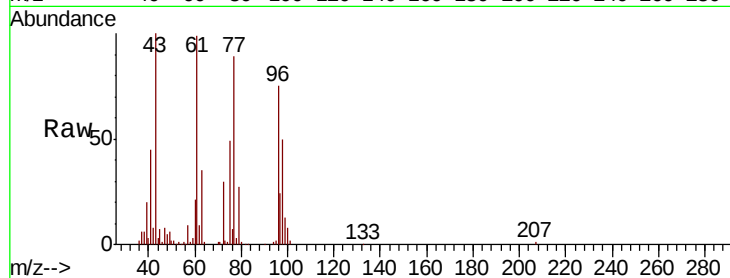




#25
2-Butanone
Concen: 94.684 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

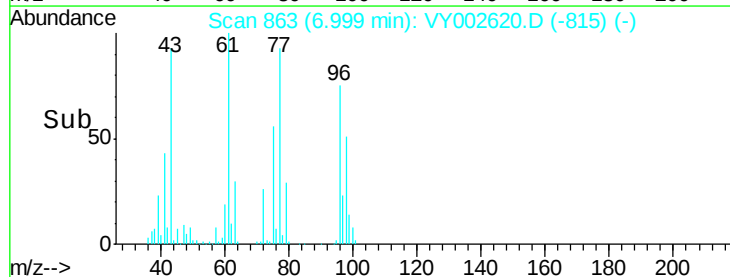
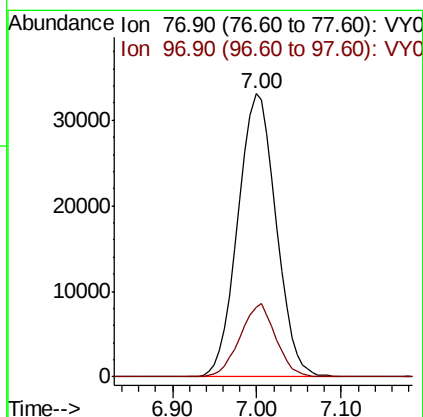
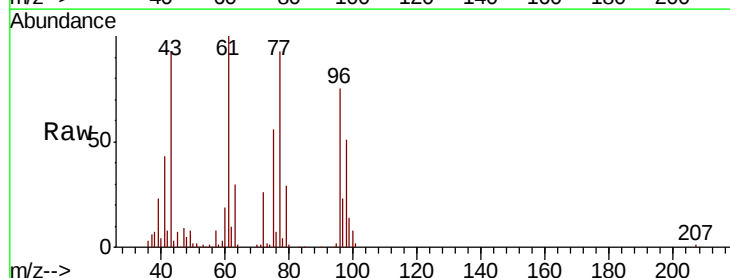
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion: 43 Resp: 96515
Ion Ratio Lower Upper
43 100
72 30.2 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.899 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 77 Resp: 101910
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5



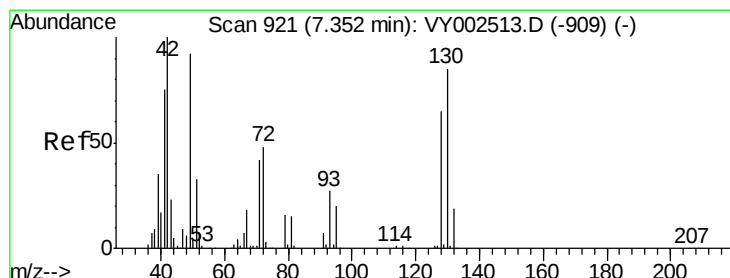
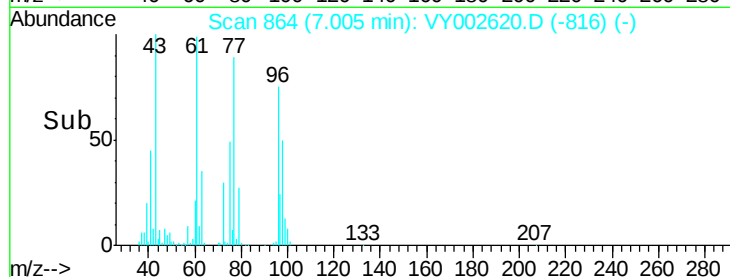
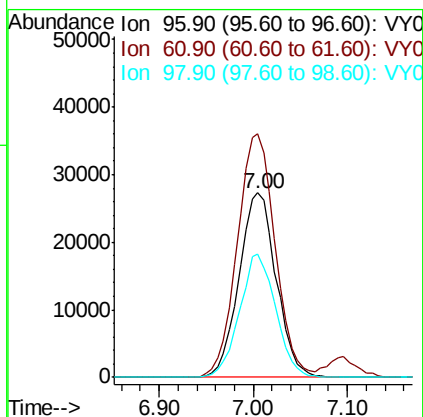
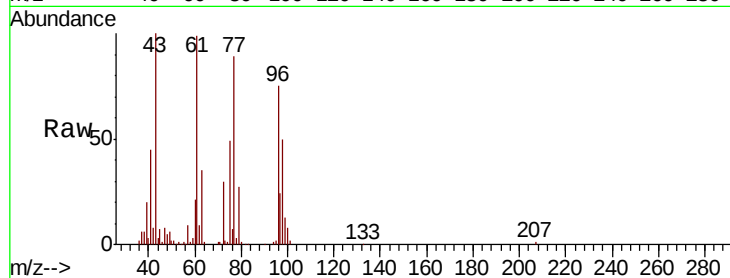


#27

cis-1,2-Dichloroethene
Concen: 20.196 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

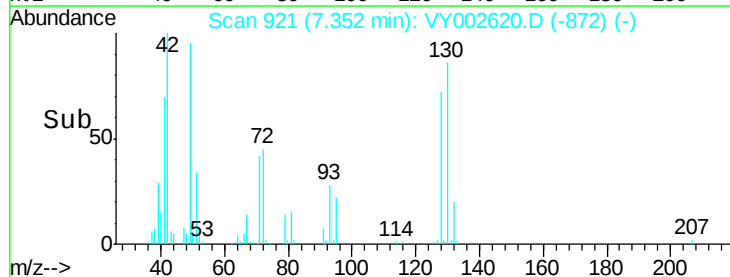
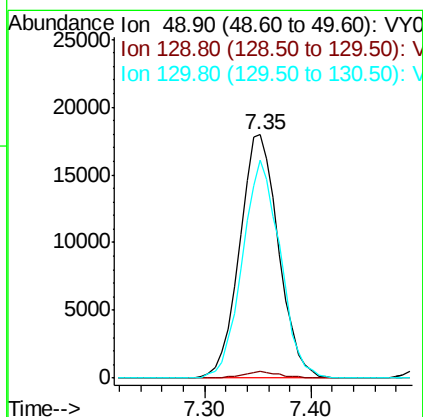
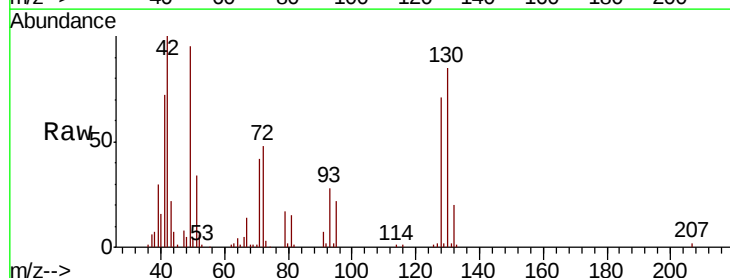
Tot Ion: 96 Resp: 75453
Ion Ratio Lower Upper
96 100
61 134.2 0.0 266.6
98 64.8 0.0 129.2

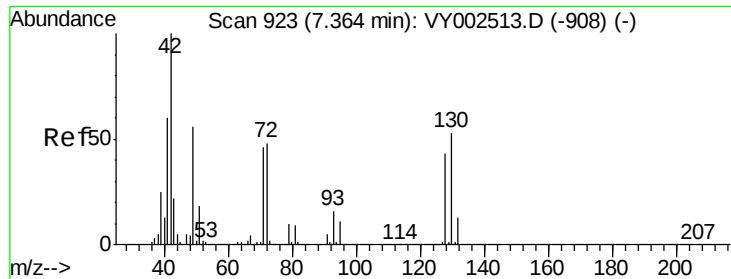


#28

Bromochloromethane
Concen: 20.881 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 49 Resp: 46094
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 87.3 72.5 108.7

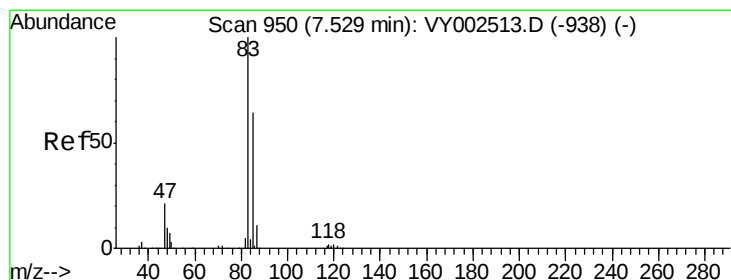
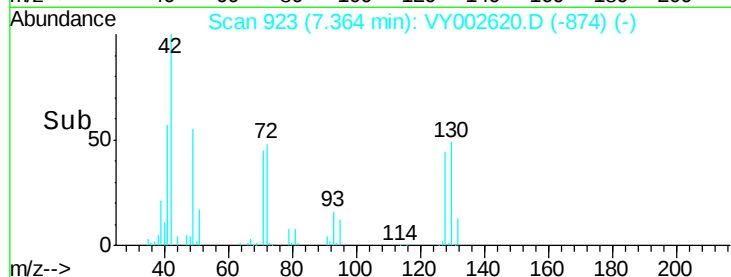
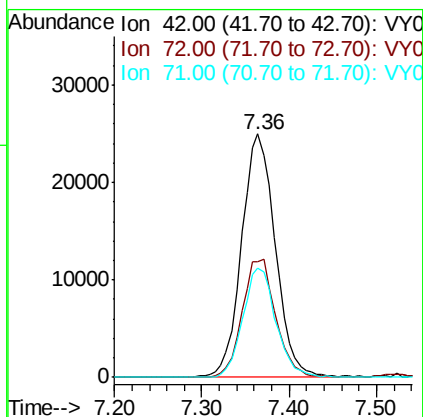
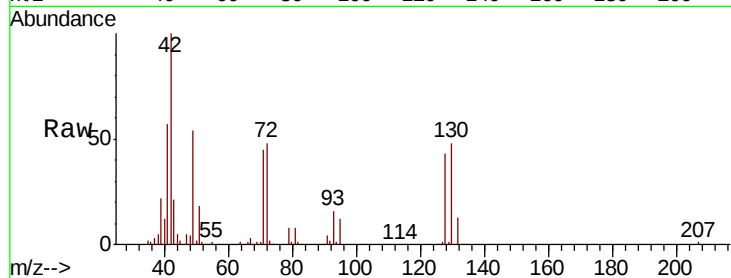




#29
Tetrahydrofuran
Concen: 99.418 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

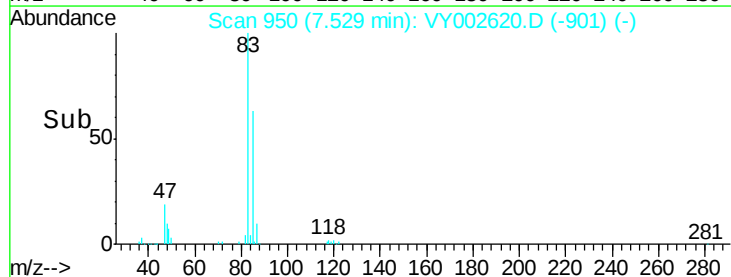
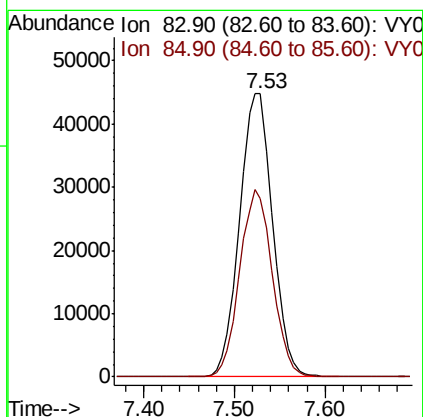
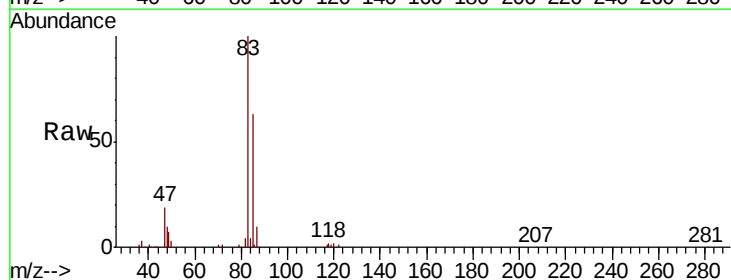
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

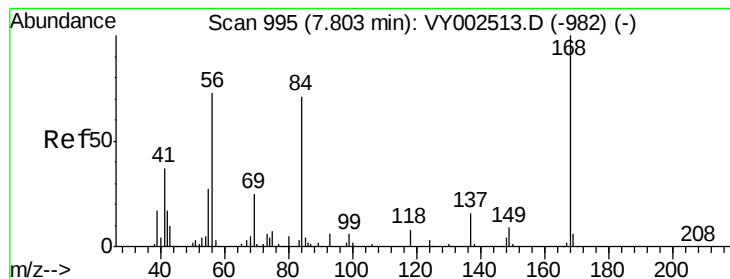
Tot Ion: 42 Resp: 67049
Ion Ratio Lower Upper
42 100
72 48.1 37.4 56.2
71 44.1 35.0 52.4



#30
Chloroform
Concen: 20.214 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 83 Resp: 113240
Ion Ratio Lower Upper
83 100
85 63.1 51.5 77.3





#31

Cyclohexane

Concen: 19.055 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

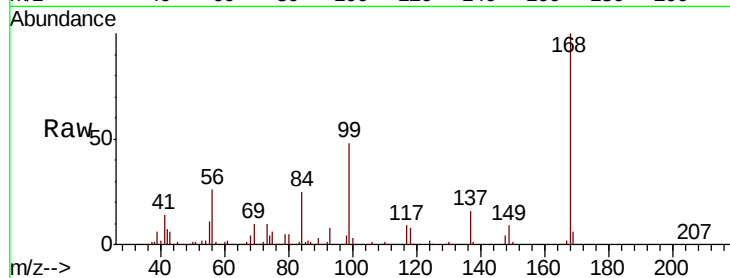
Tot Ion: 56 Resp: 103340

Ion Ratio Lower Upper

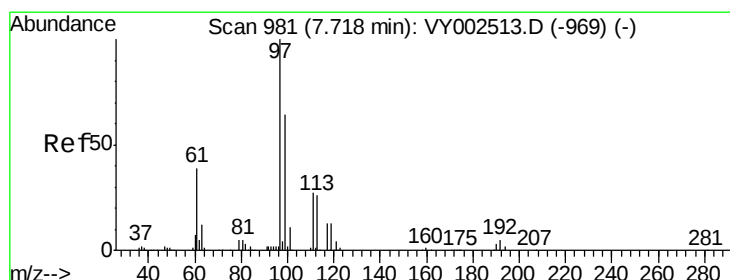
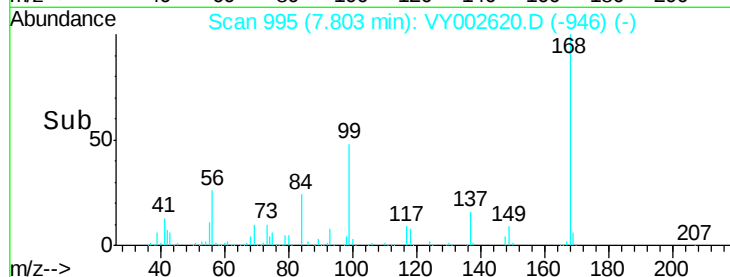
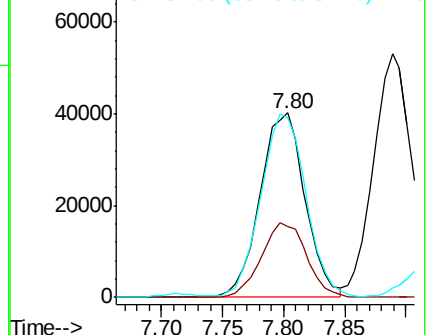
56 100

69 38.7 27.6 41.4

84 95.4 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.955 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

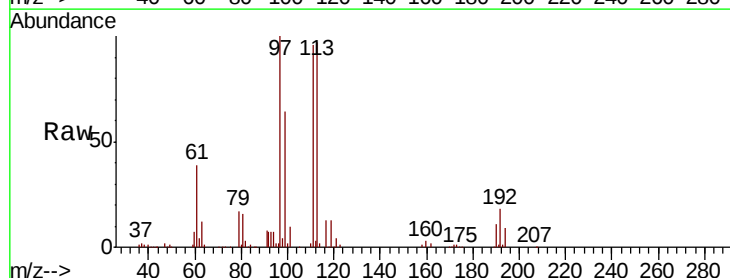
Tgt Ion: 97 Resp: 103908

Ion Ratio Lower Upper

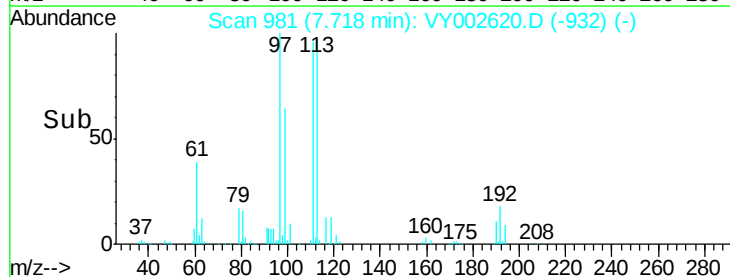
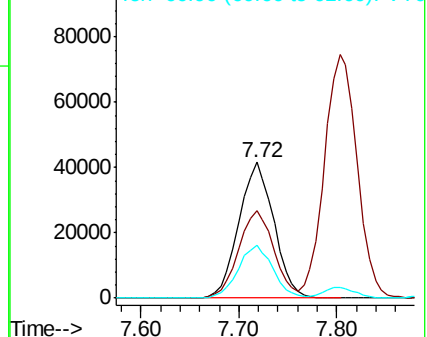
97 100

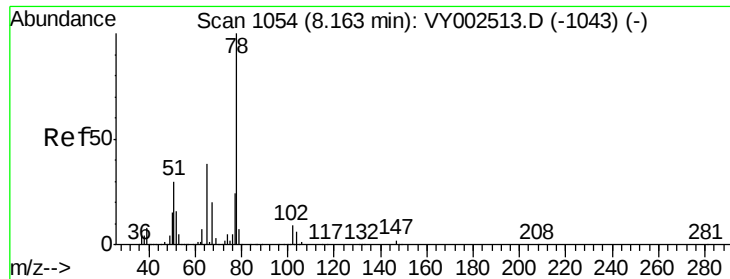
99 64.5 51.9 77.9

61 38.6 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

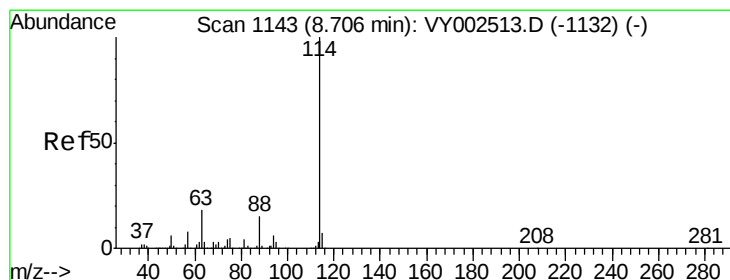
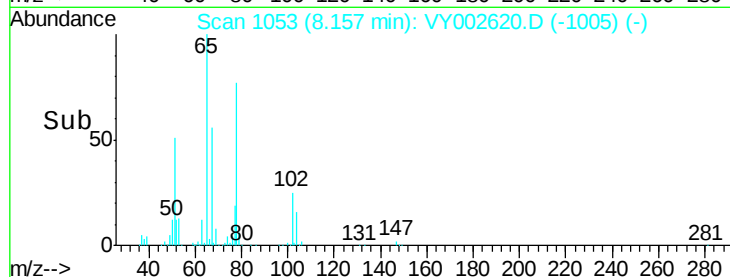
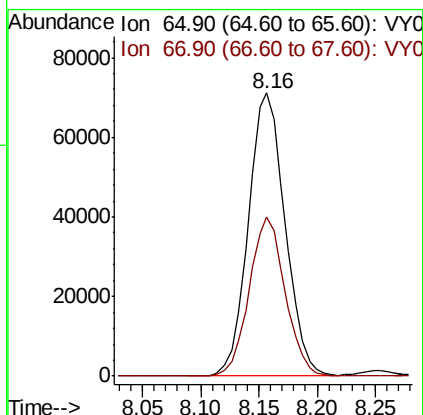
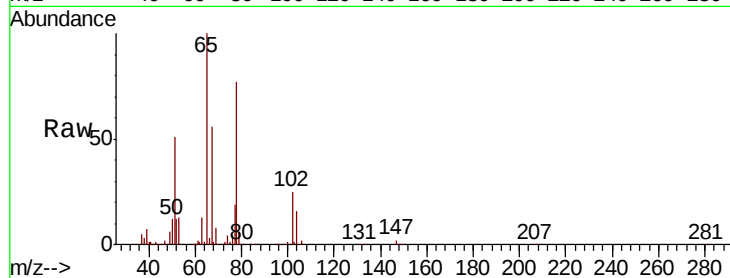




#33
 1,2-Dichloroethane-d4
 Concen: 51.565 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

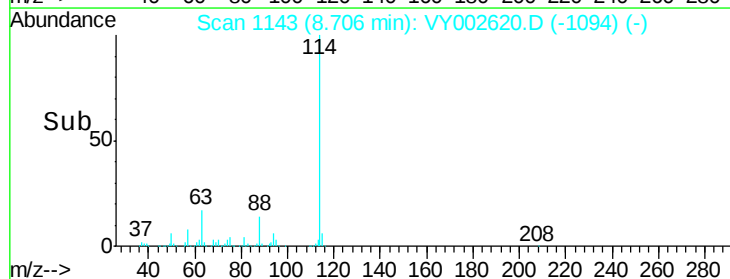
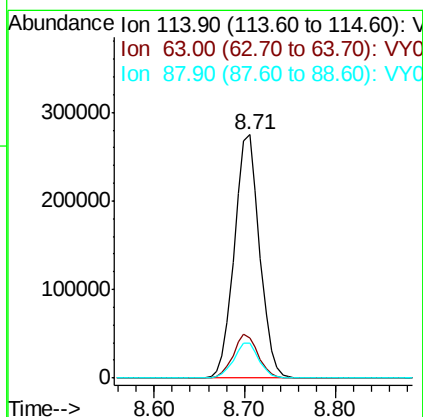
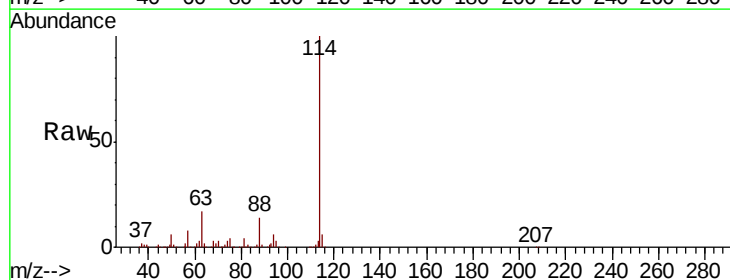
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

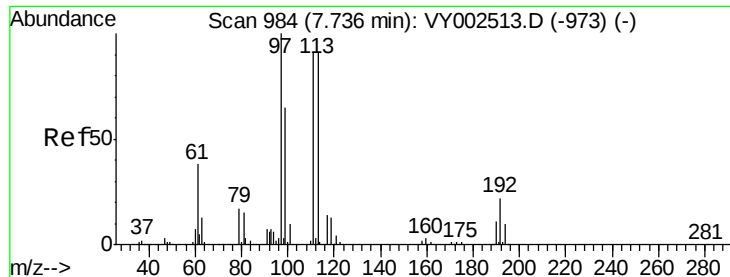
Tot Ion: 65 Resp: 155589
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 114 Resp: 529144
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 36.4
 88 14.2 0.0 29.6

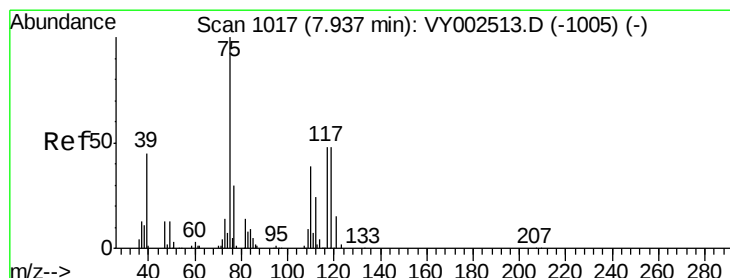
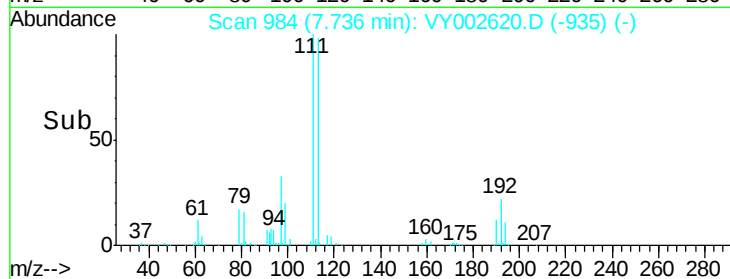
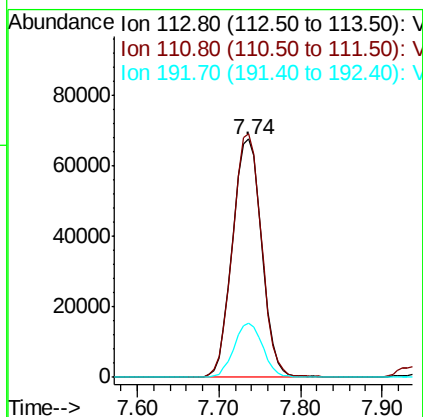
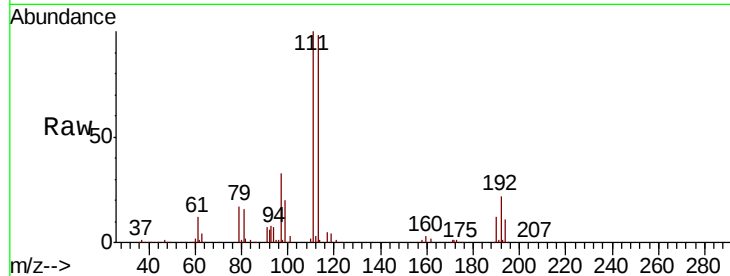




#35
 Dibromofluoromethane
 Concen: 55.293 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

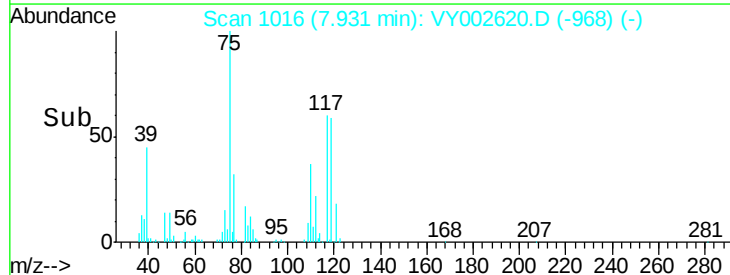
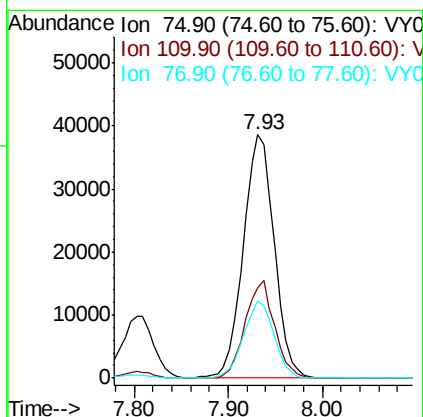
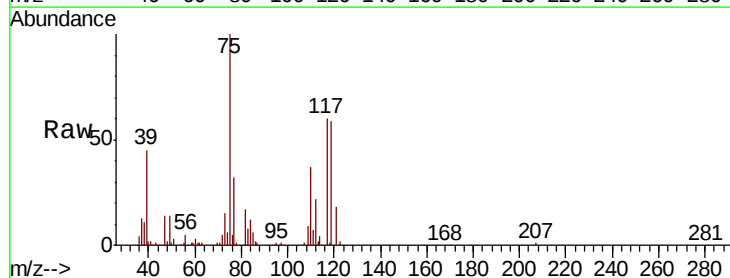
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

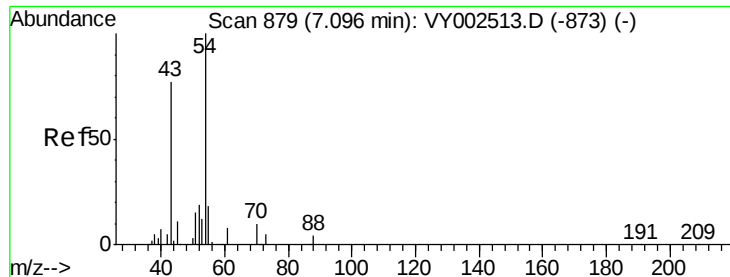
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.6
192	22.4	18.2	27.4



#36
 1,1-Dichloropropene
 Concen: 19.891 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.3
77	31.4	24.6	37.0

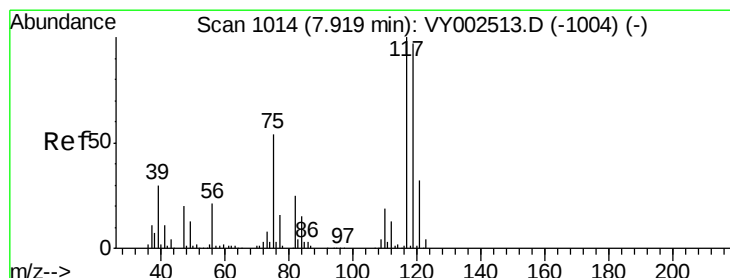
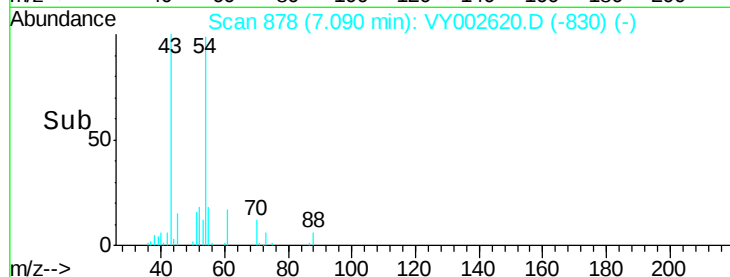
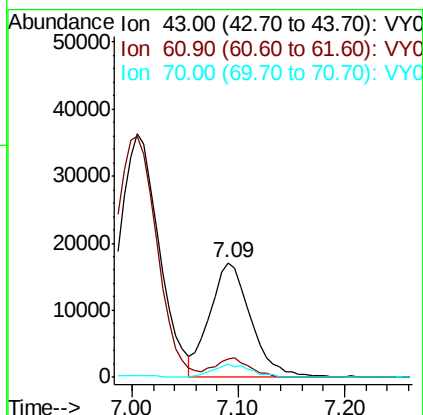
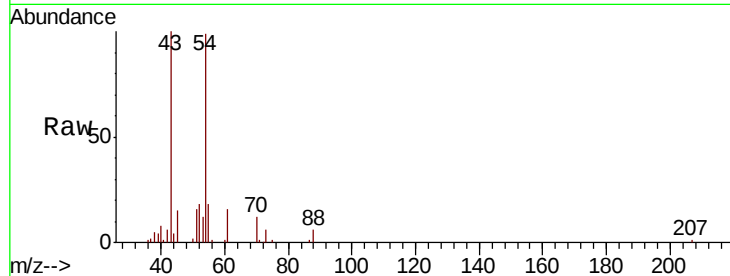




#37
Ethyl Acetate
Concen: 19.858 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

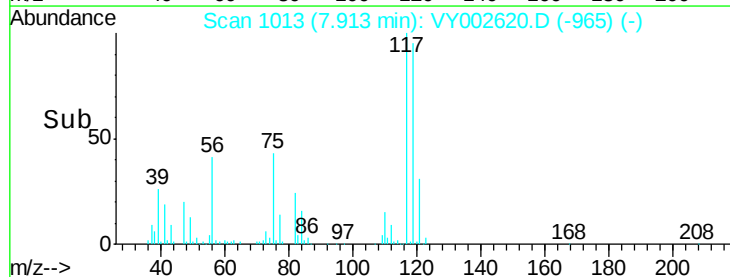
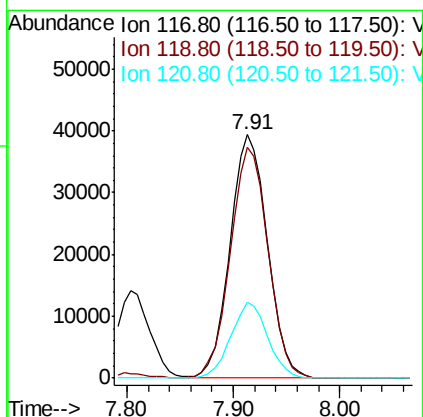
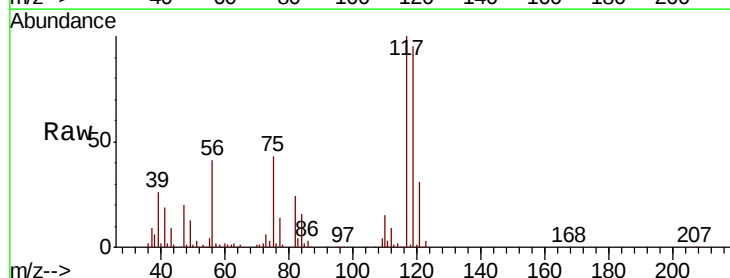
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

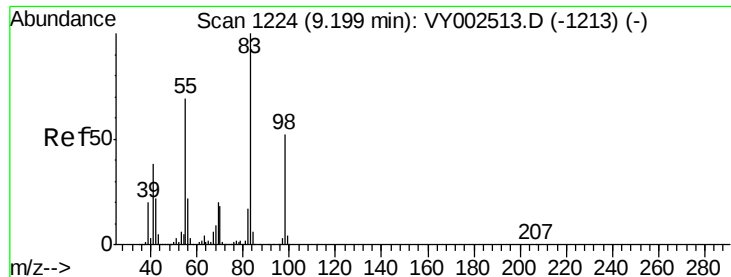
Tot Ion: 43 Resp: 45267
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 10.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 20.000 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 117 Resp: 96856
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
121 31.2 25.2 37.8

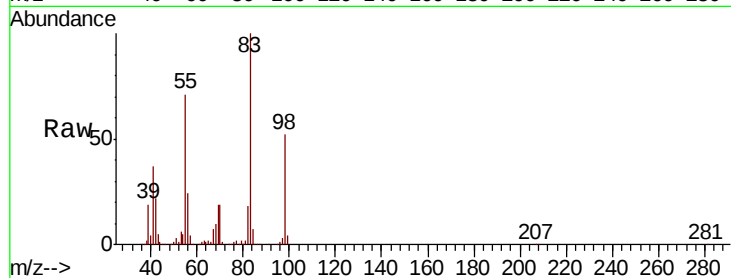




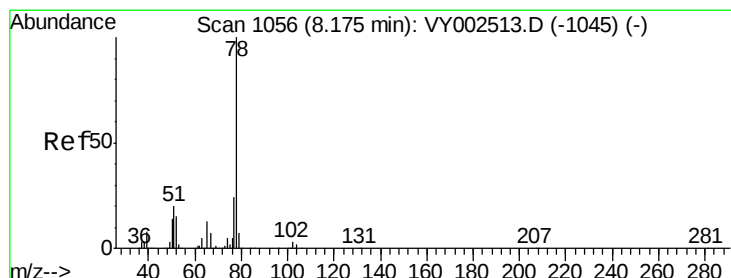
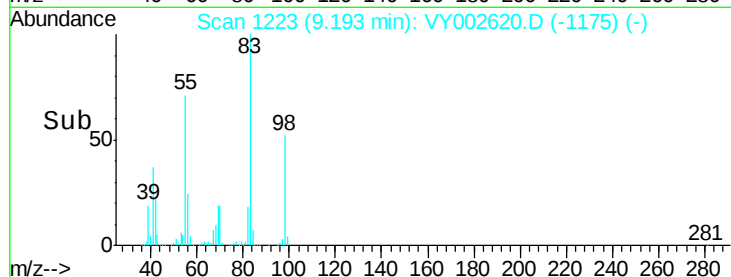
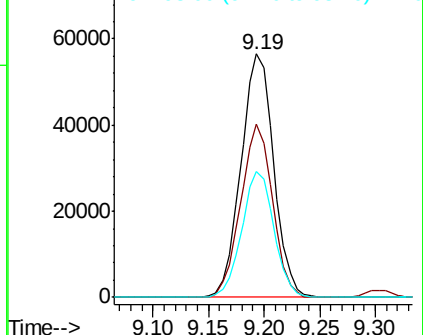
#39
Methvlcvclohexane
Concen: 19.677 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion: 83 Resp: 115288
Ion Ratio Lower Upper
83 100
55 71.2 55.4 83.0
98 51.8 41.3 61.9

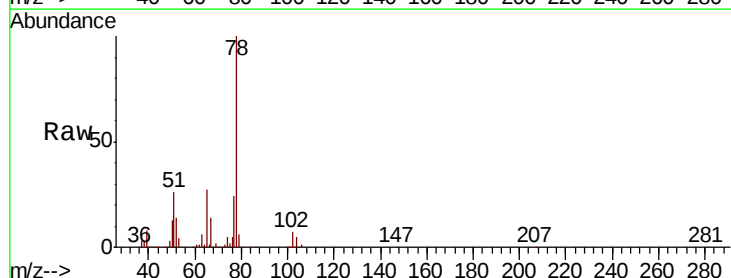


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

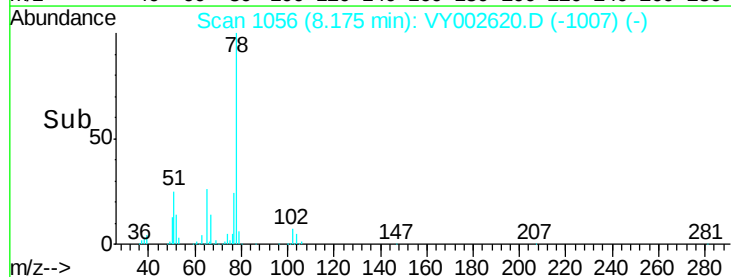
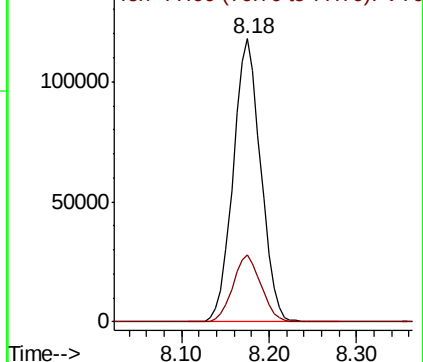


#40
Benzene
Concen: 20.147 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 78 Resp: 258118
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

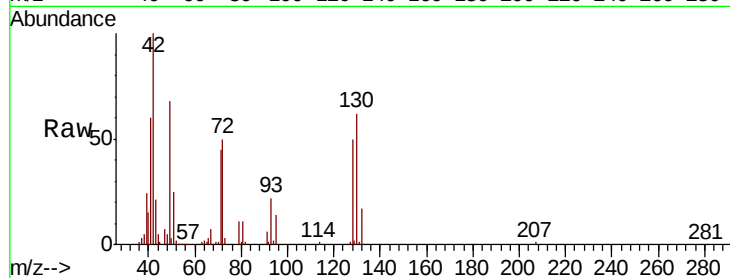




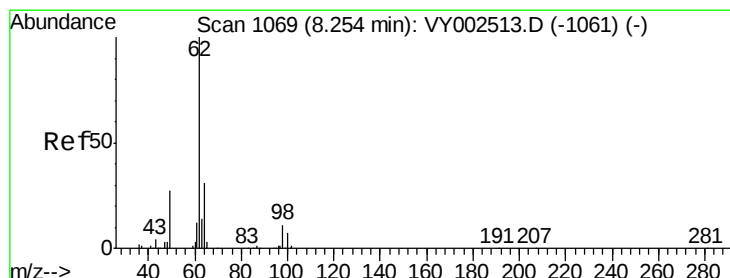
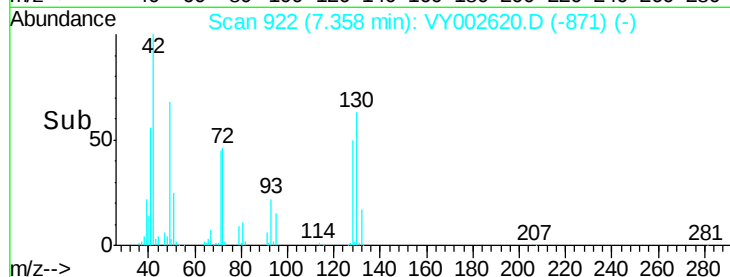
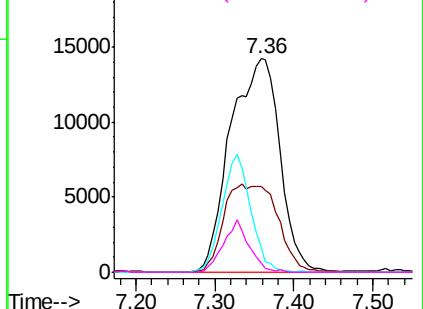
#41
Methacrylonitrile
Concen: 50.464 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion:	41	Resp:	61849
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

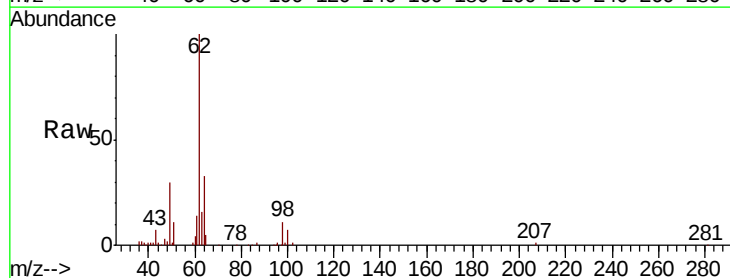


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

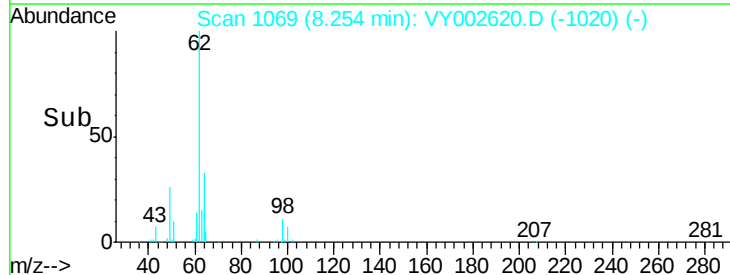
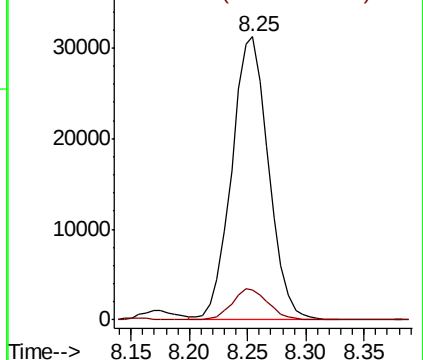


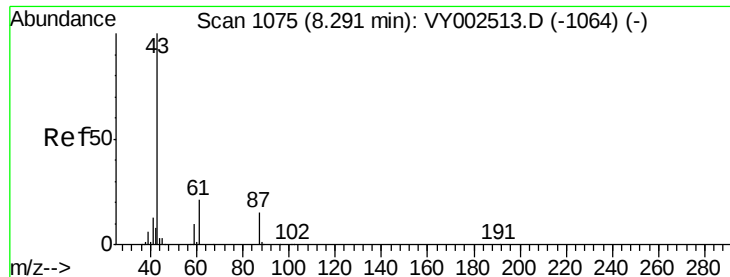
#42
1,2-Dichloroethane
Concen: 19.142 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion:	62	Resp:	68790
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



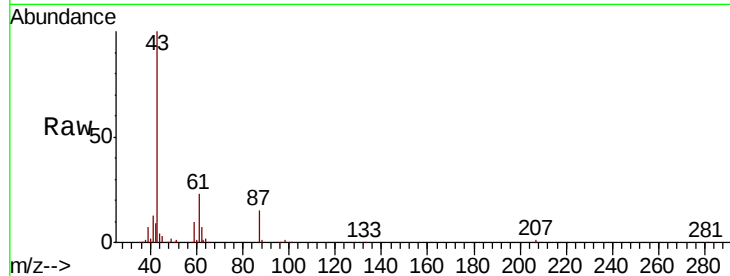


#43

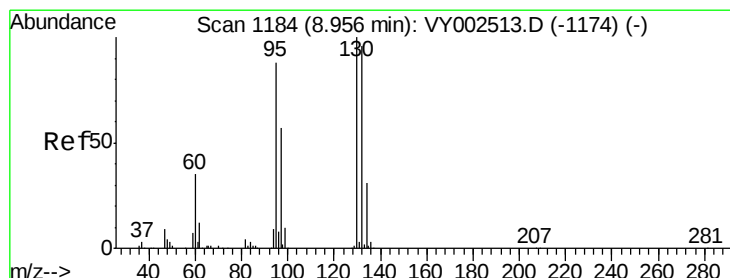
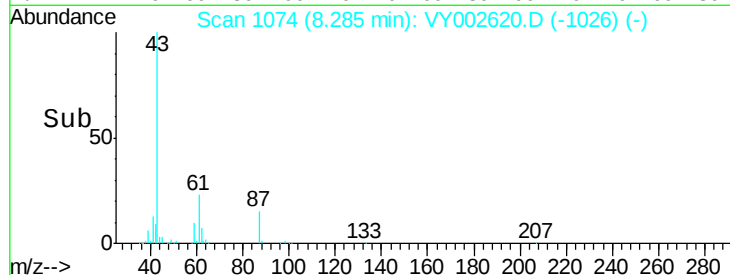
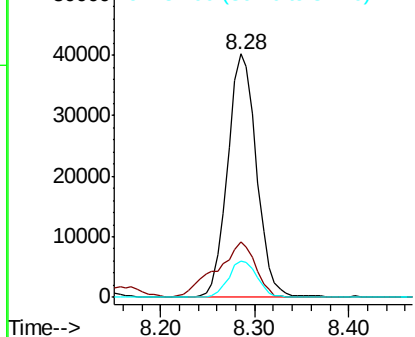
Isopropyl Acetate
 Concen: 20.045 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion: 43 Resp: 85658
 Ion Ratio Lower Upper
 43 100
 61 30.9 24.8 37.2
 87 15.0 12.2 18.2



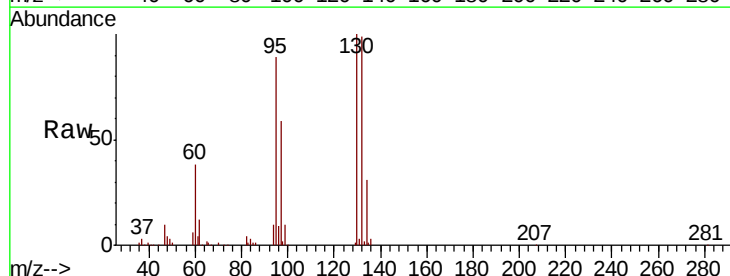
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



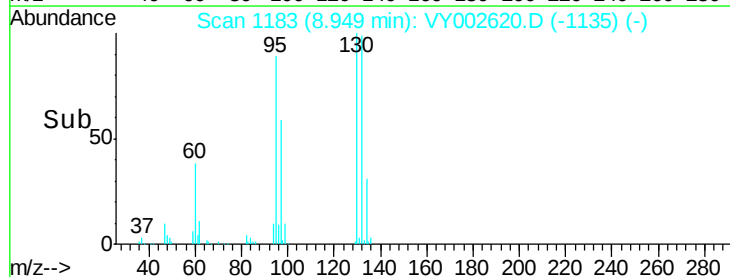
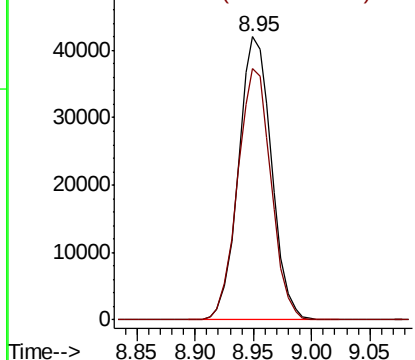
#44

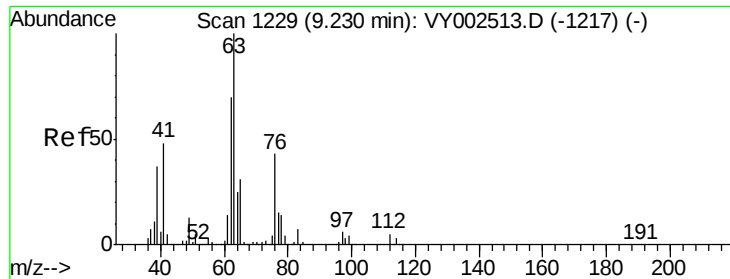
Trichloroethene
 Concen: 20.755 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 130 Resp: 83099
 Ion Ratio Lower Upper
 130 100
 95 88.8 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.622 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

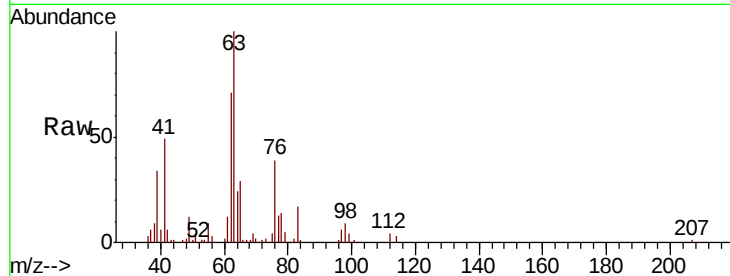
VY0507SBS01

Tot Ion: 63 Resp: 63763

Ion Ratio Lower Upper

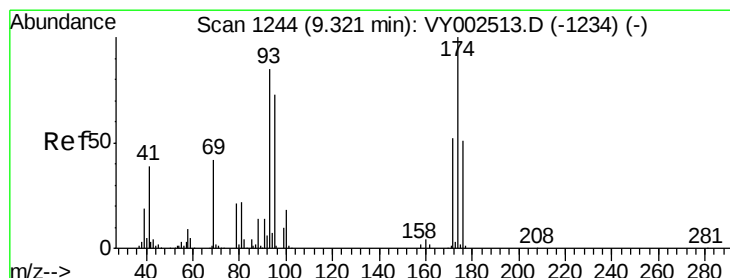
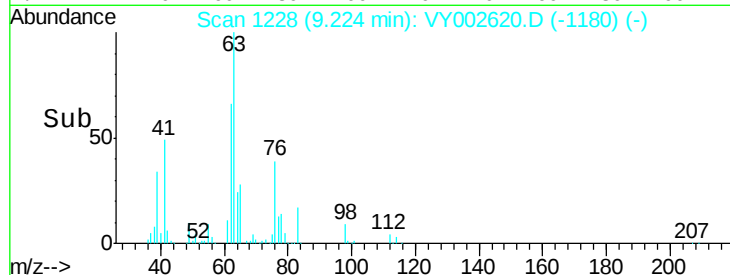
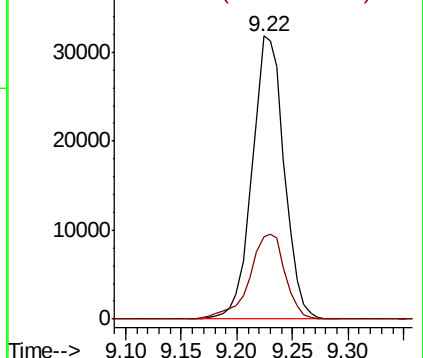
63 100

65 29.2 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.745 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

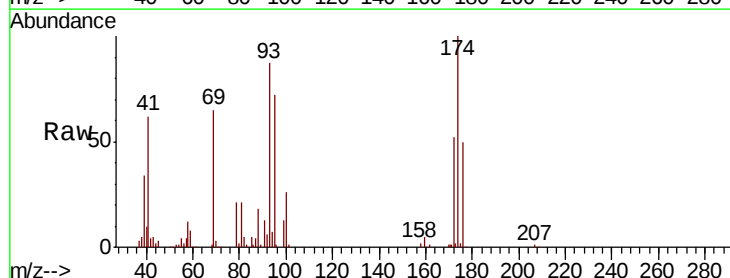
Tgt Ion: 93 Resp: 35127

Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.4

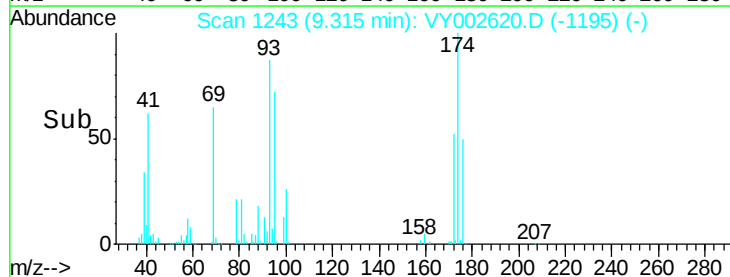
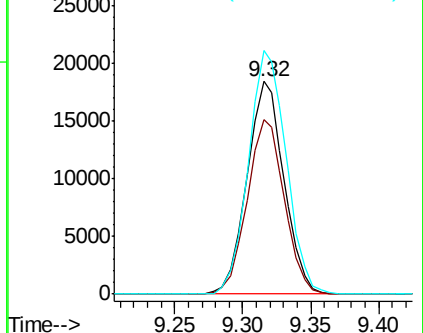
174 116.7 92.7 139.1

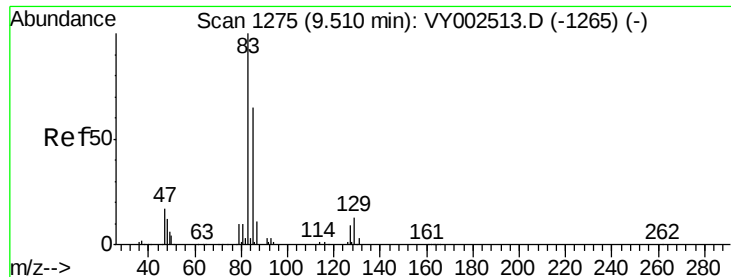


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 20.186 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

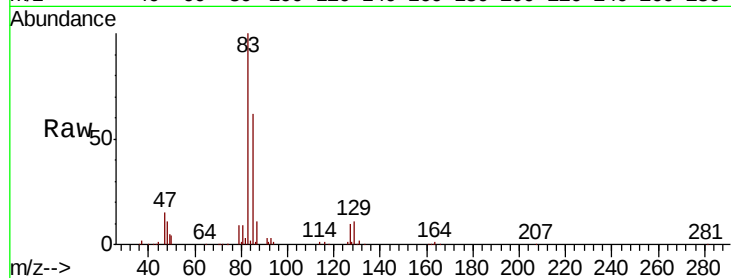
Tot Ion: 83 Resp: 87319

Ion Ratio Lower Upper

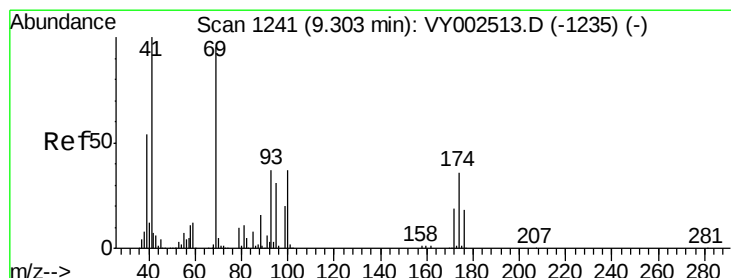
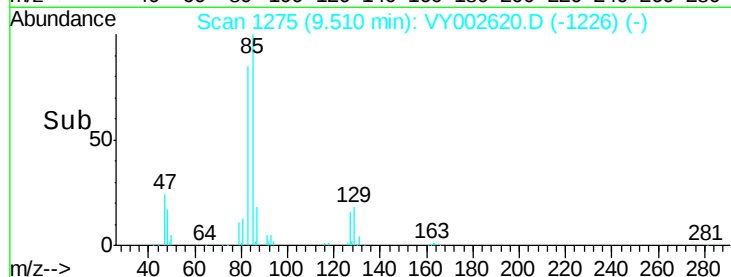
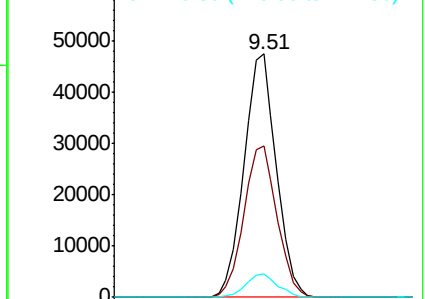
83 100

85 62.0 51.8 77.8

127 9.7 7.4 11.0



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



#48

Methyl methacrylate

Concen: 19.976 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

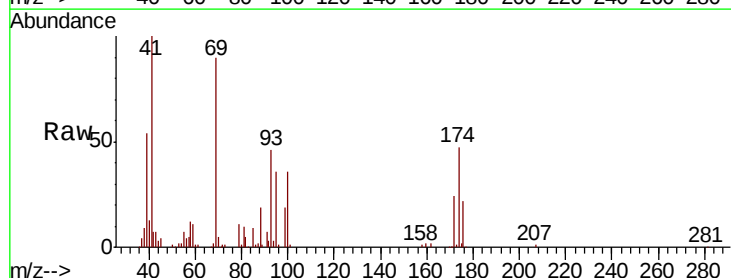
Tgt Ion: 41 Resp: 38634

Ion Ratio Lower Upper

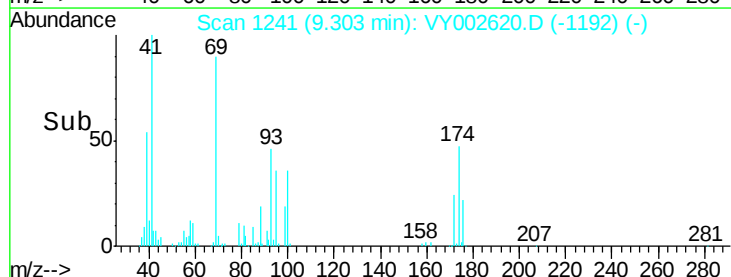
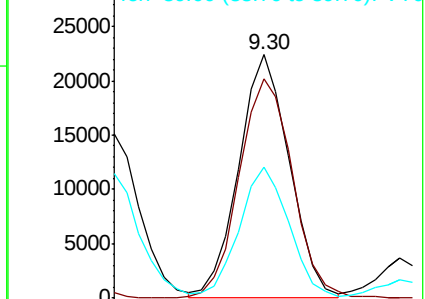
41 100

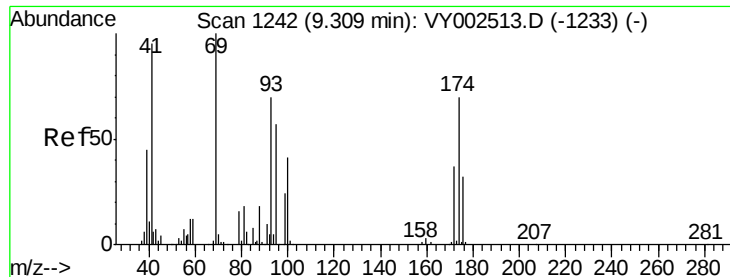
69 94.8 76.2 114.4

39 51.4 42.7 64.1



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

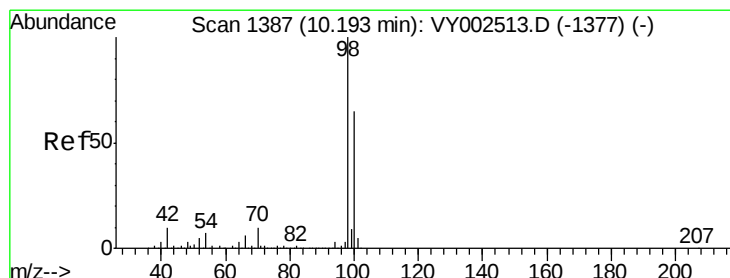
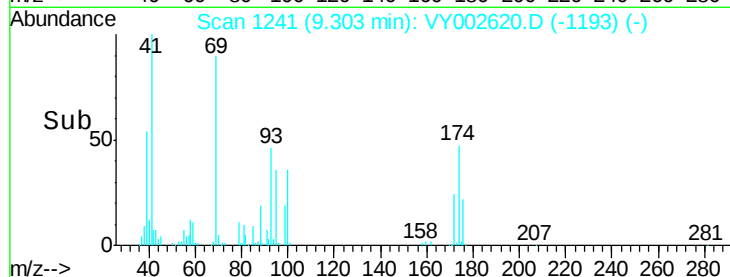
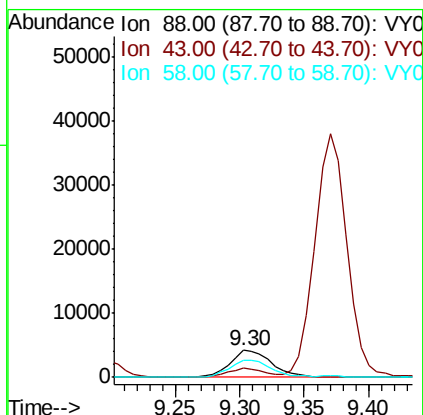
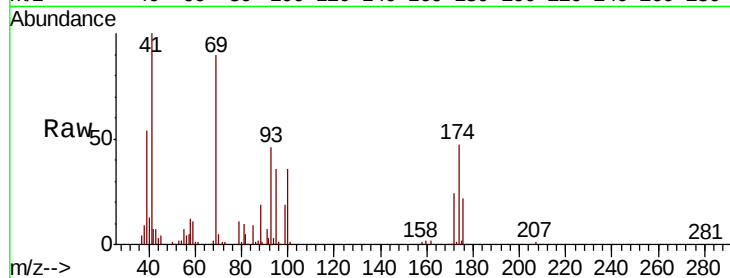




#49
1,4-Dioxane
Concen: 400.211 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

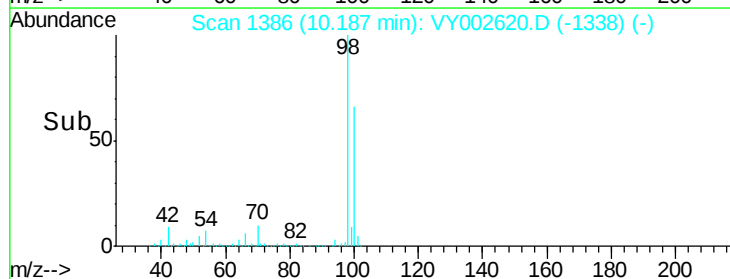
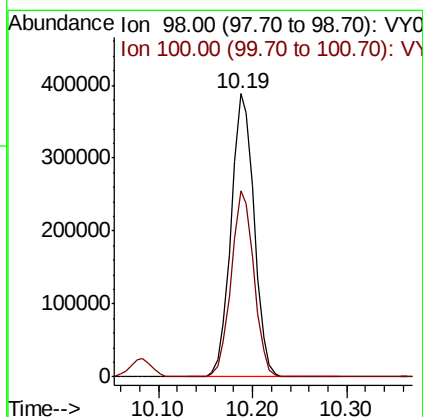
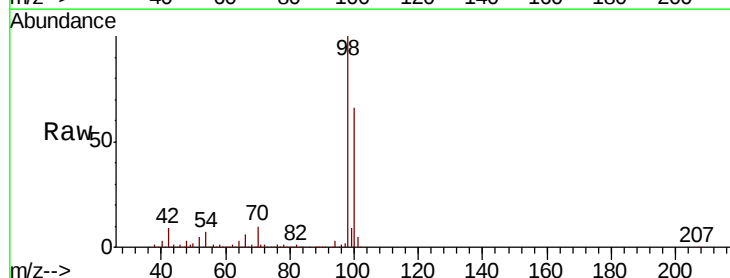
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

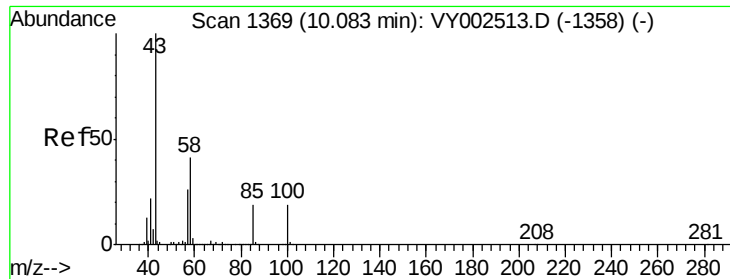
Tot Ion: 88 Resp: 9427
Ion Ratio Lower Upper
88 100
43 31.8 22.8 34.2
58 63.6 51.4 77.2



#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 98 Resp: 654708
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 103.132 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

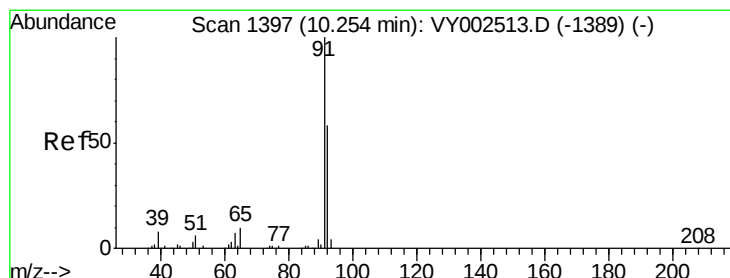
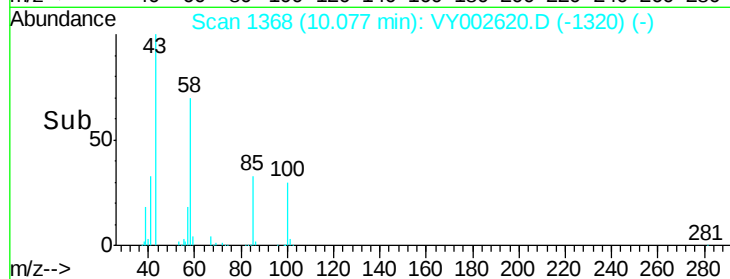
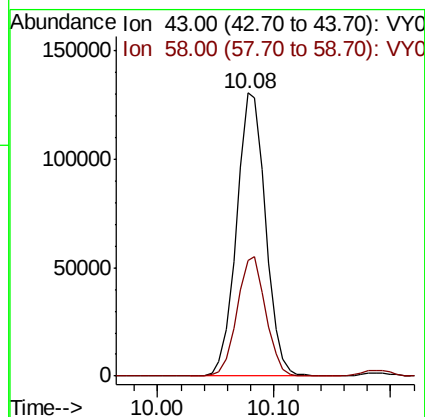
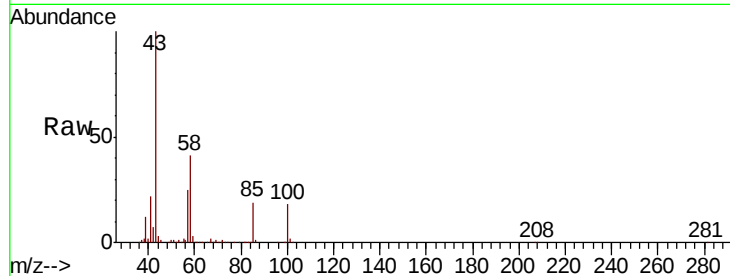
VY0507SBS01

Tot Ion: 43 Resp: 227165

Ion Ratio Lower Upper

43 100

58 41.5 33.2 49.8



#52

Toluene

Concen: 20.386 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002620.D

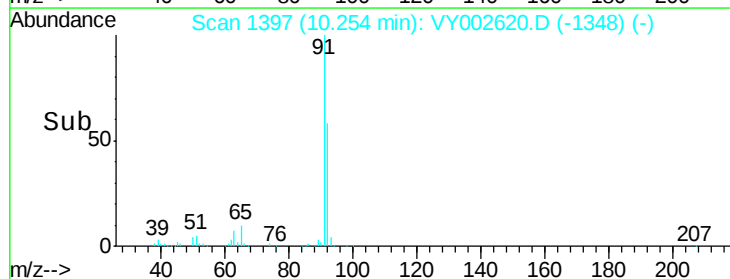
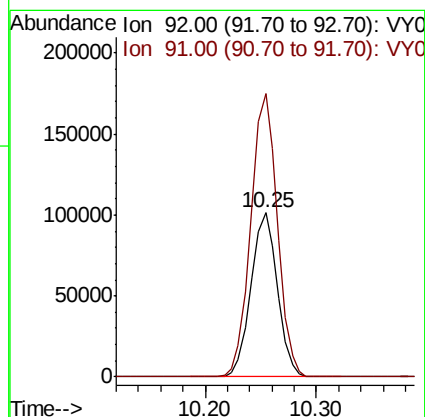
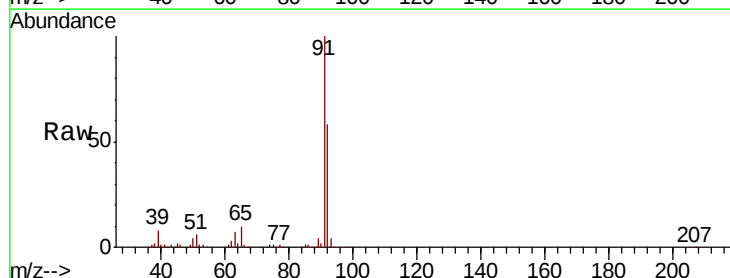
Acq: 07 May 2020 11:03

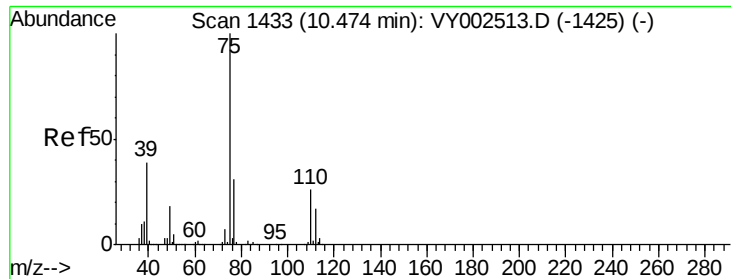
Tgt Ion: 92 Resp: 167856

Ion Ratio Lower Upper

92 100

91 173.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.194 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

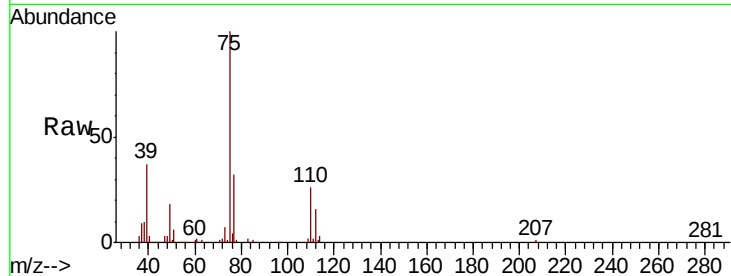
VY0507SBS01

Tot Ion: 75 Resp: 91528

Ion Ratio Lower Upper

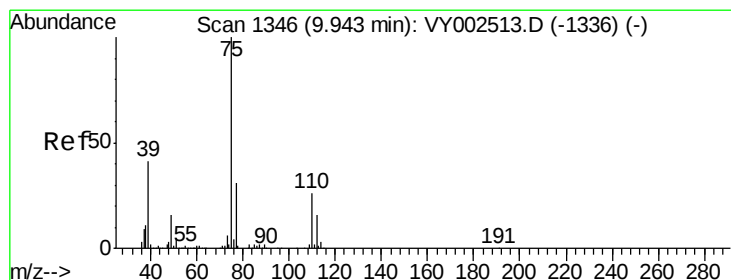
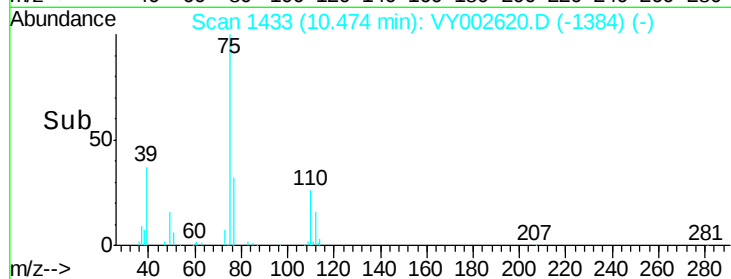
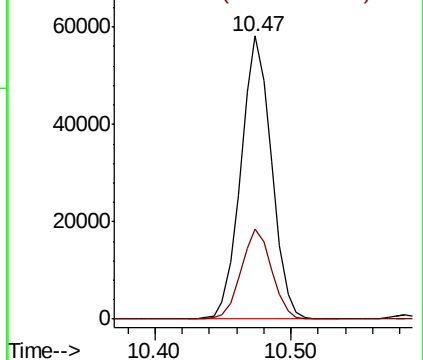
75 100

77 31.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.418 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

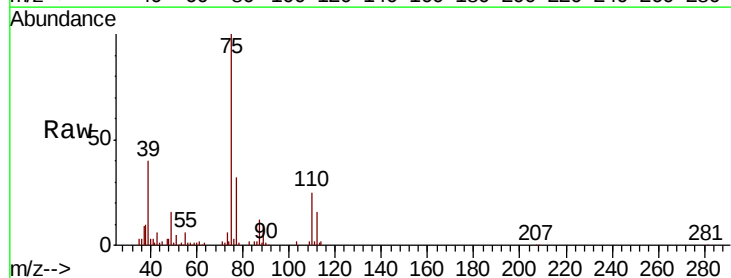
Tgt Ion: 75 Resp: 106981

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

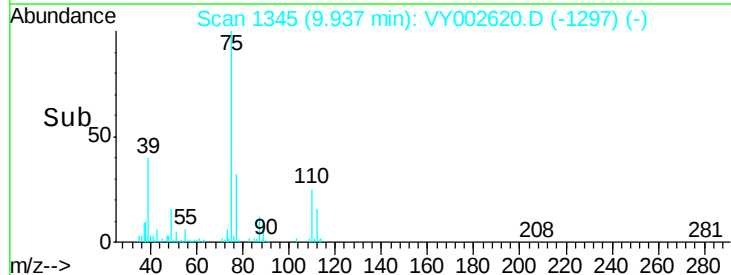
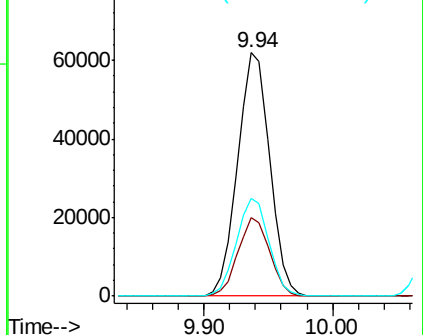
39 40.3 32.7 49.1

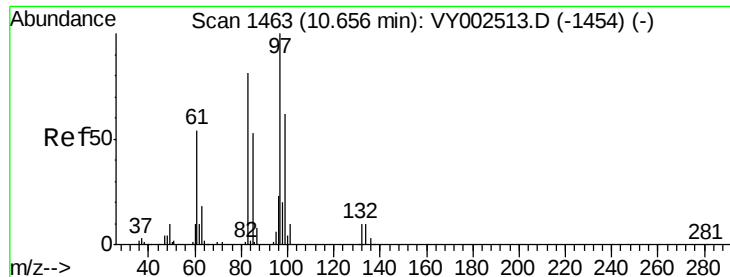


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

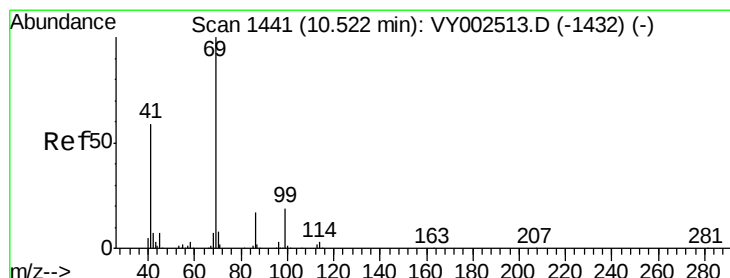
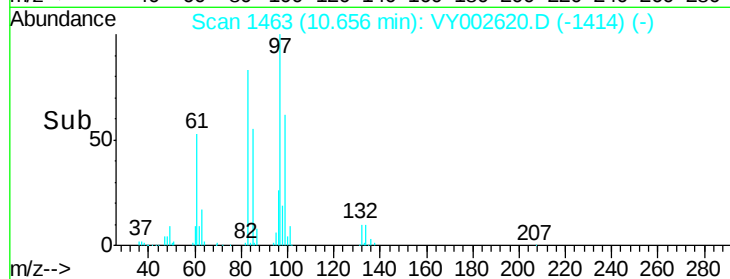
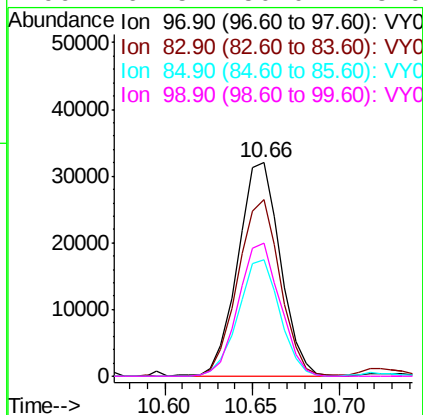
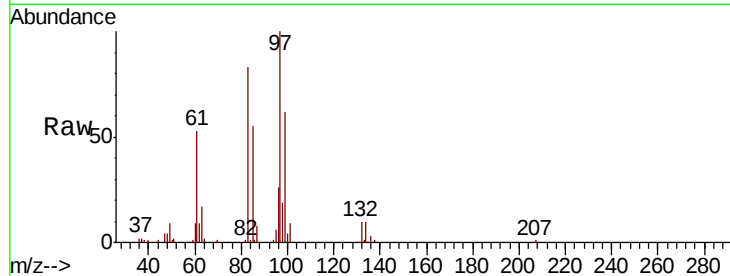




#55
 1,1,2-Trichloroethane
 Concen: 20.828 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

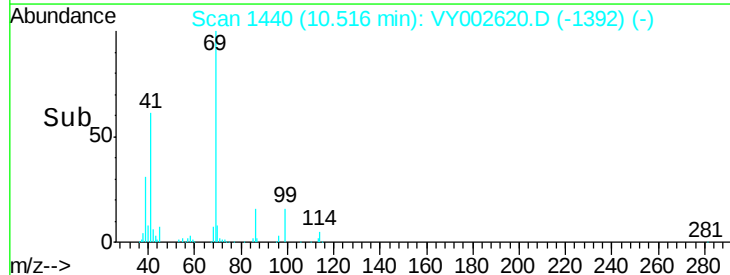
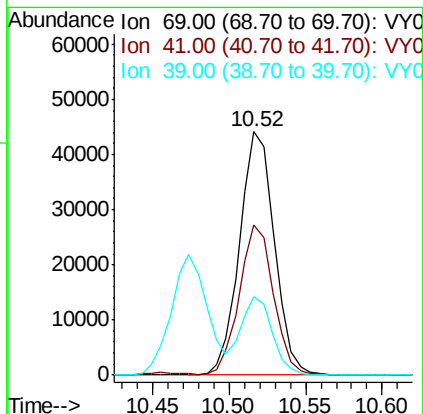
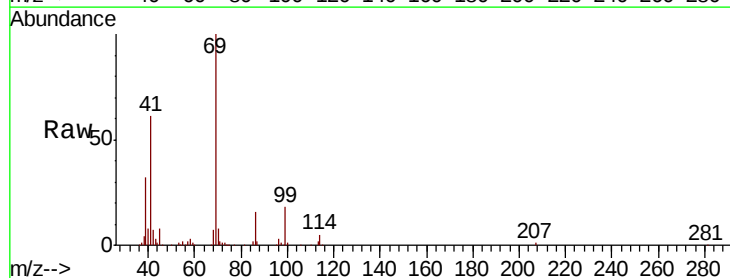
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

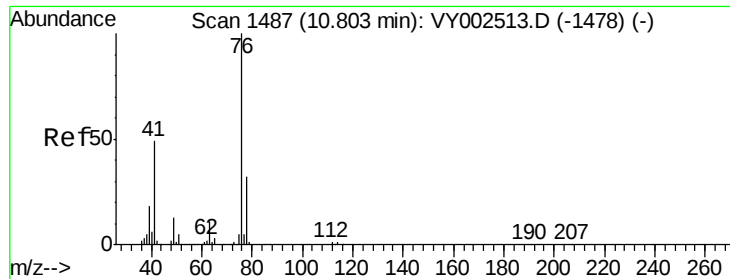
Tot Ion:	97	Resp:	54035
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.1	97.7
85	54.8	42.7	64.1
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 20.202 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion:	69	Resp:	69724
Ion	Ratio	Lower	Upper
69	100		
41	60.2	48.6	73.0
39	29.6	25.0	37.4





#57

1,3-Dichloropropane

Concen: 20.096 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

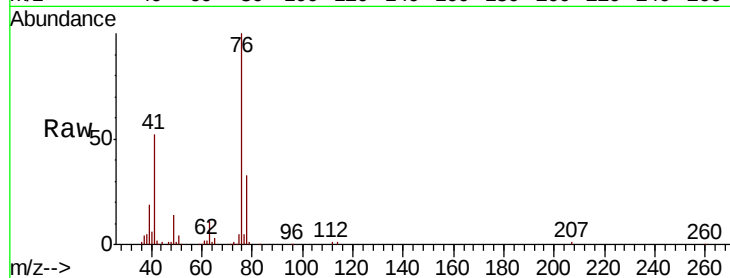
VY0507SBS01

Tot Ion: 76 Resp: 88414

Ion Ratio Lower Upper

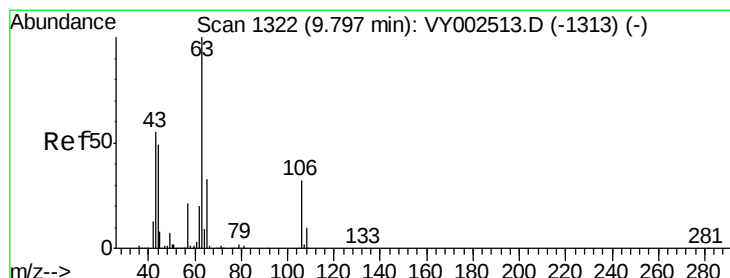
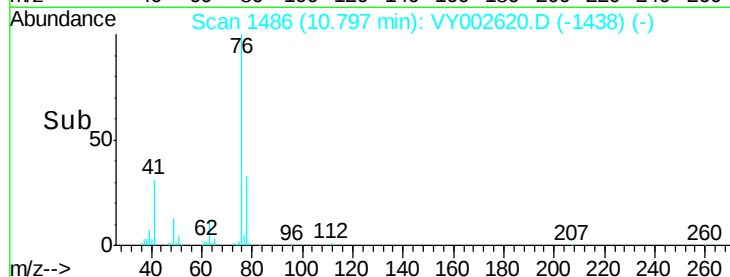
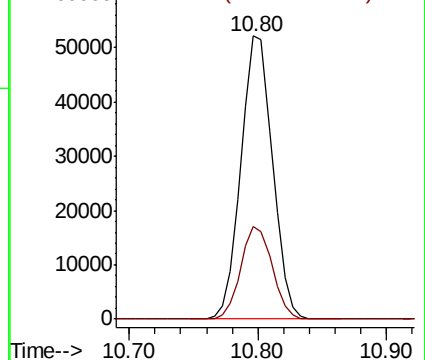
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 107.000 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002620.D

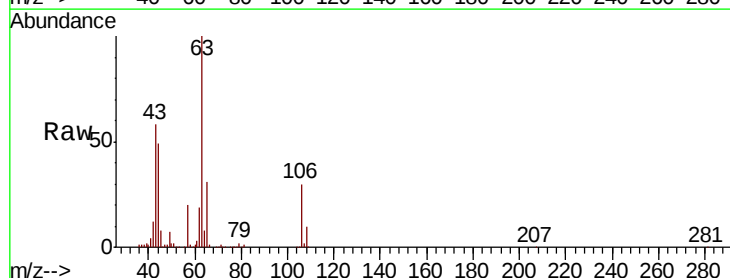
Acq: 07 May 2020 11:03

Tgt Ion: 63 Resp: 194745

Ion Ratio Lower Upper

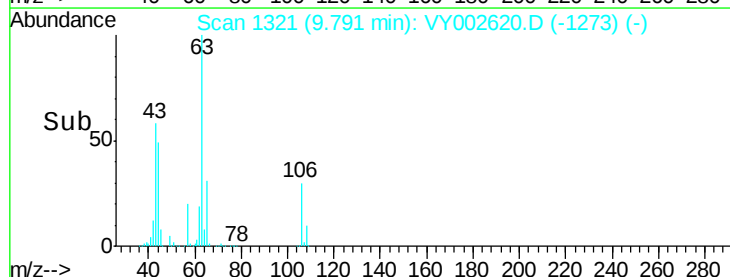
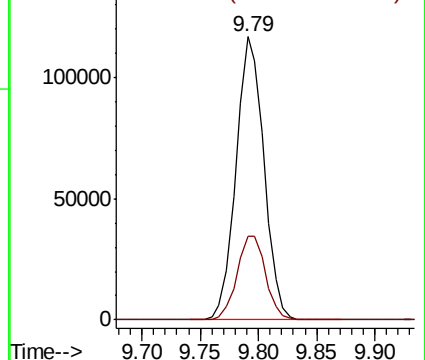
63 100

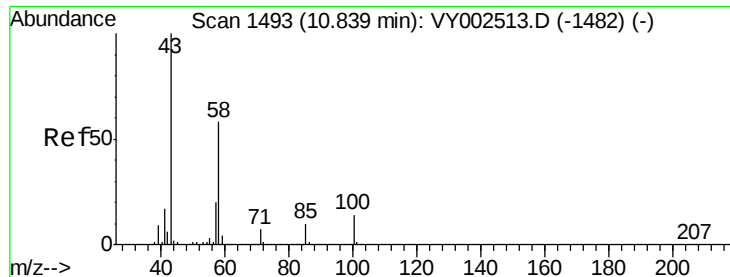
106 30.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

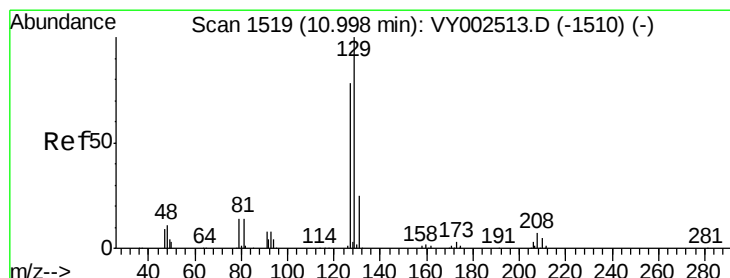
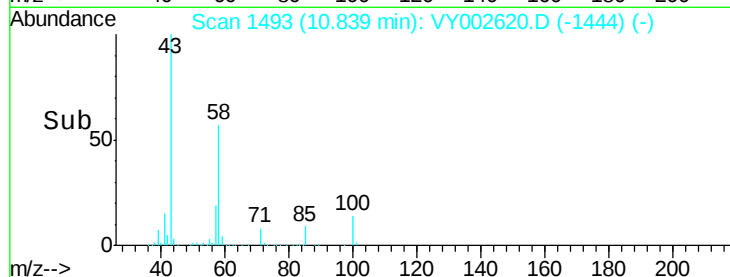
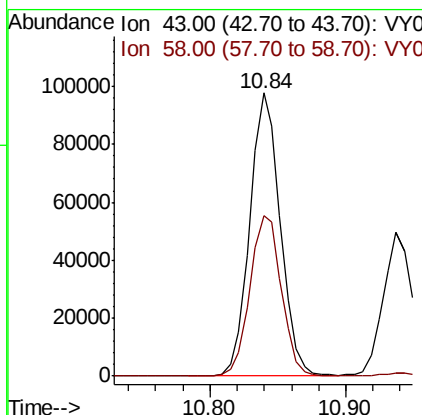
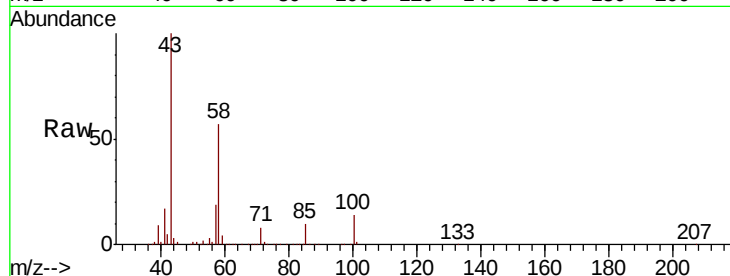




#59
2-Hexanone
Concen: 101.880 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

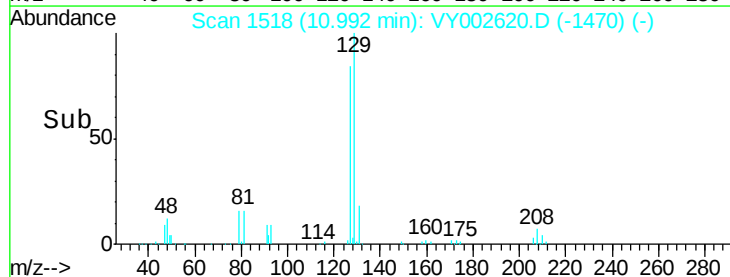
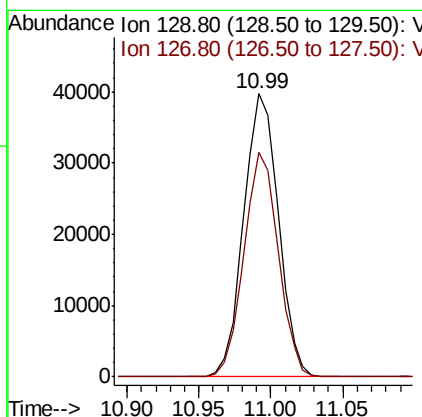
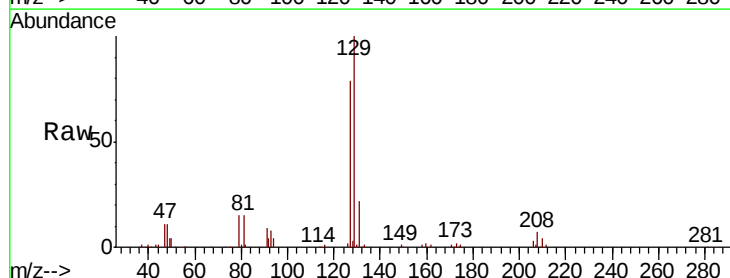
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion: 43 Resp: 154452
Ion Ratio Lower Upper
43 100
58 58.1 29.1 87.3



#60
Dibromochloromethane
Concen: 20.148 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 129 Resp: 66480
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

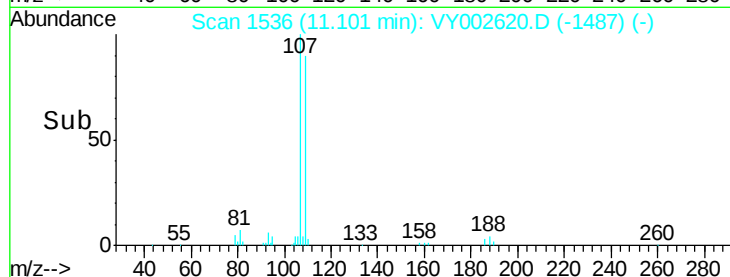
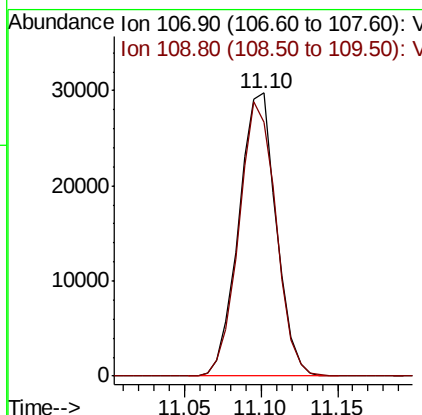
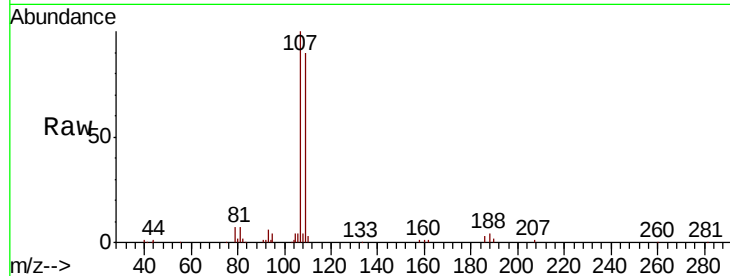




#61
 1,2-Dibromoethane
 Concen: 19.693 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

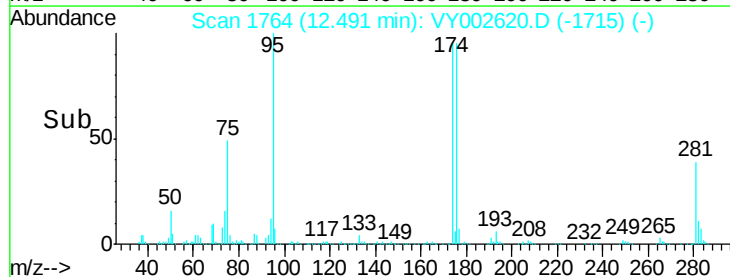
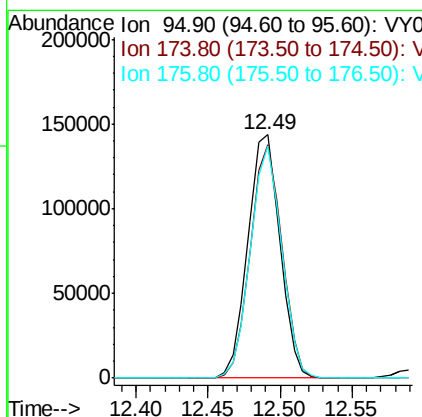
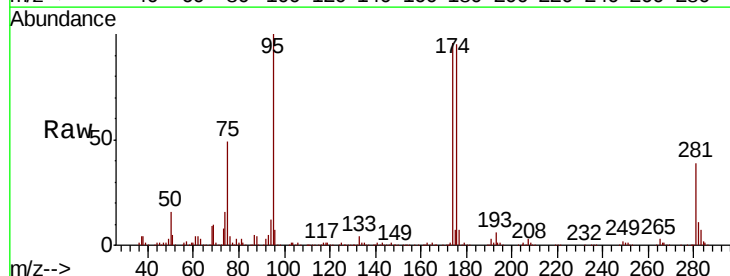
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion:107 Resp: 50589
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 55.229 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 95 Resp: 221471
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 188.8
 176 92.5 0.0 183.2

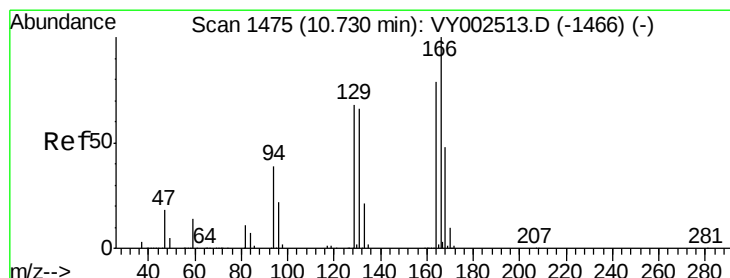
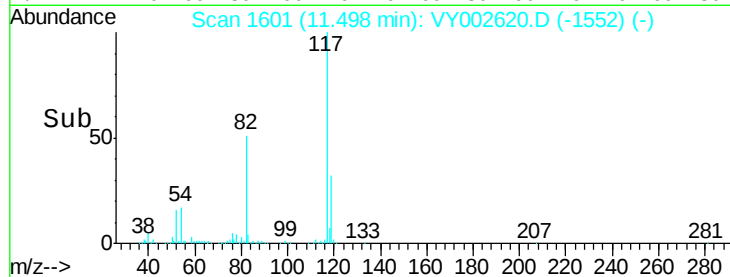
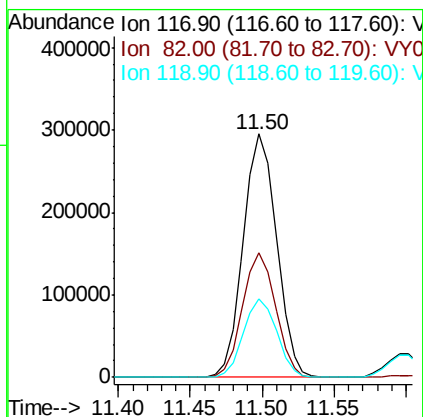
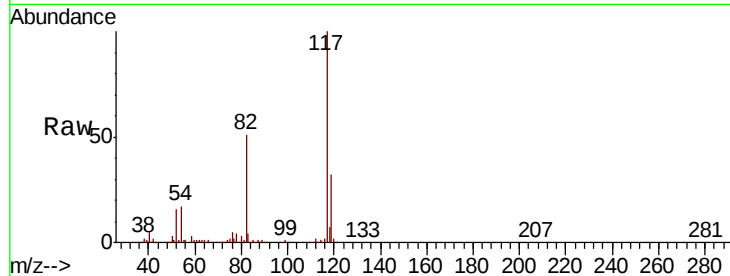




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

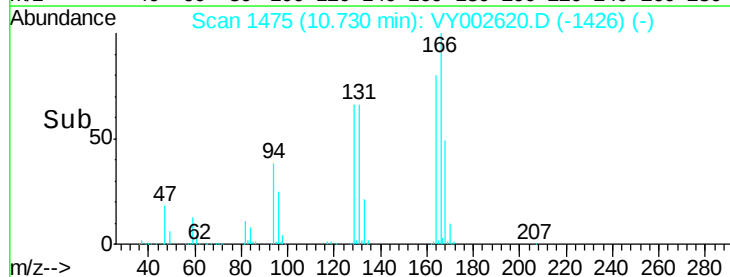
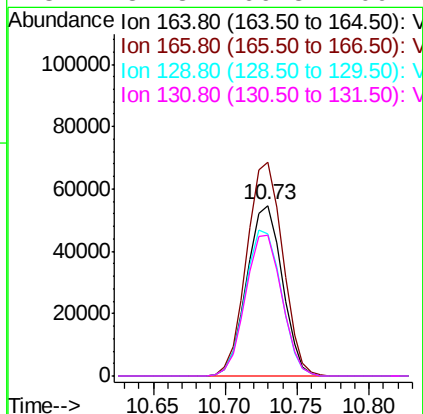
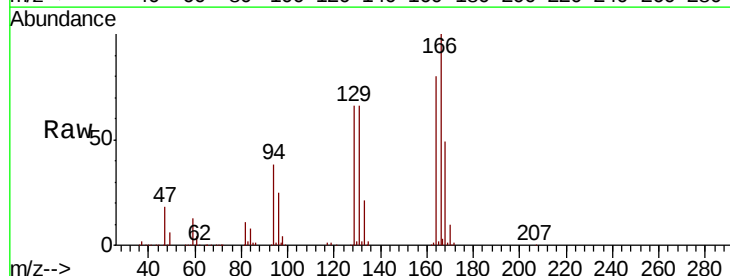
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

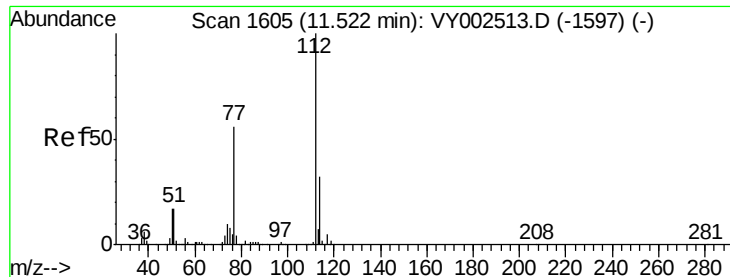
Tot Ion:117 Resp: 474520
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 22.090 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion:164 Resp: 93134
Ion Ratio Lower Upper
164 100
166 125.2 100.7 151.1
129 83.1 68.3 102.5
131 82.3 66.8 100.2





#65

Chlorobenzene

Concen: 20.638 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

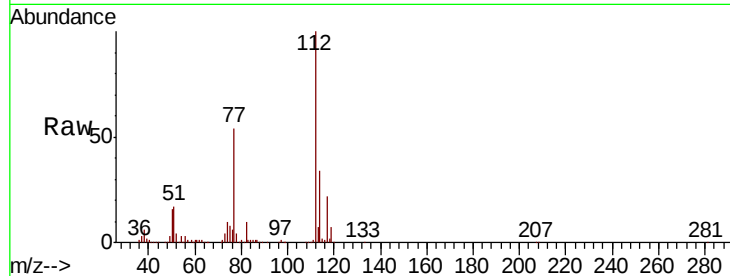
VY0507SBS01

Tot Ion:112 Resp: 186170

Ion Ratio Lower Upper

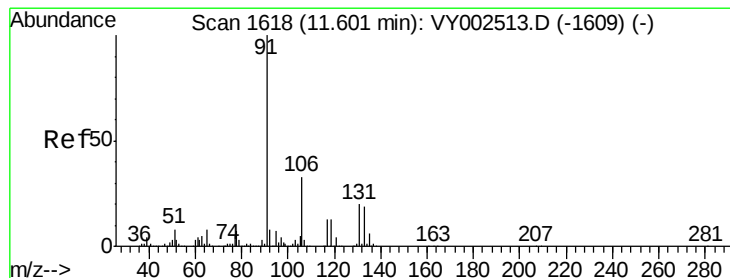
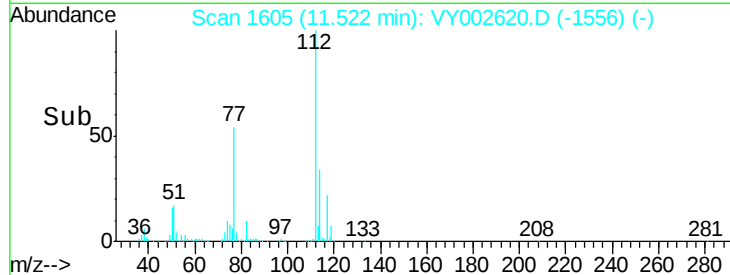
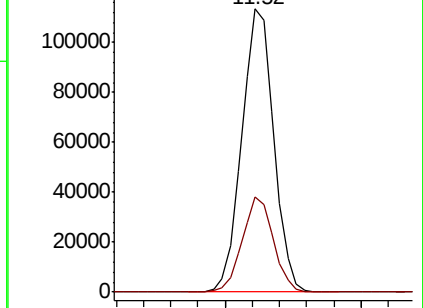
112 100

114 33.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.931 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

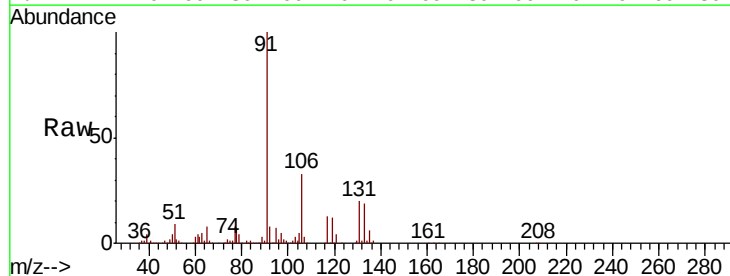
Tgt Ion:131 Resp: 70086

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

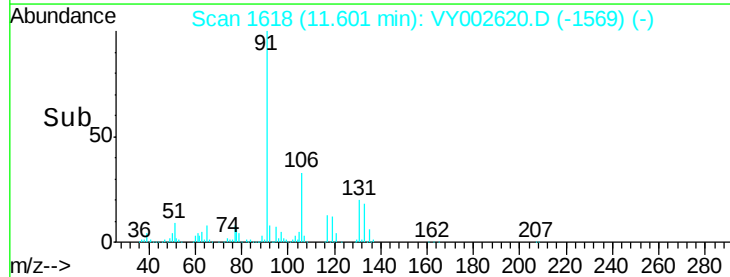
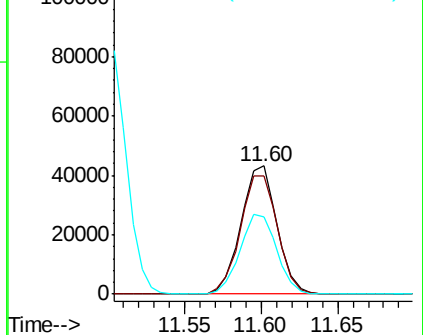
119 64.0 31.6 95.0

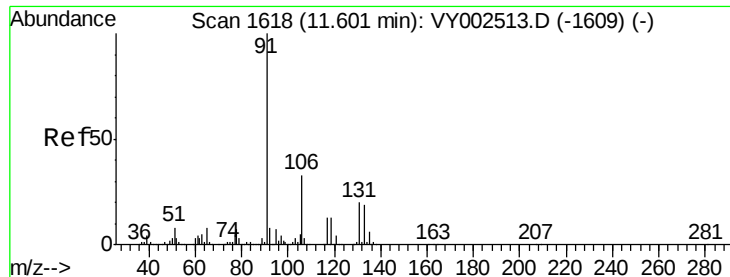


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.693 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

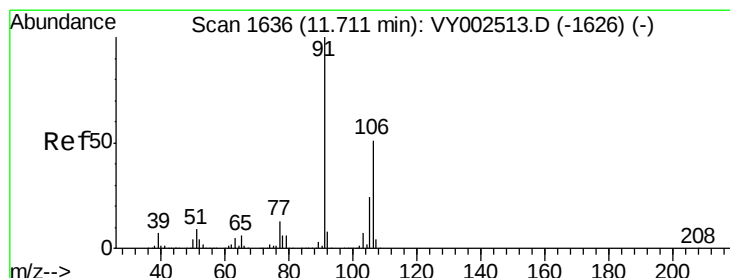
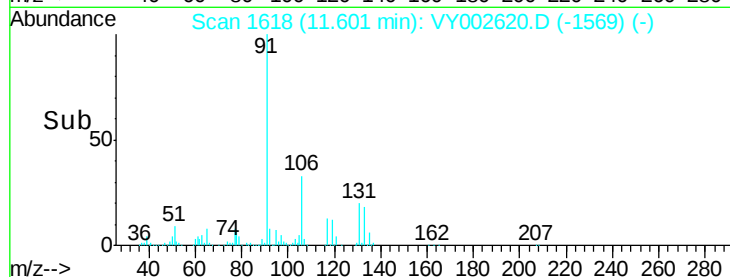
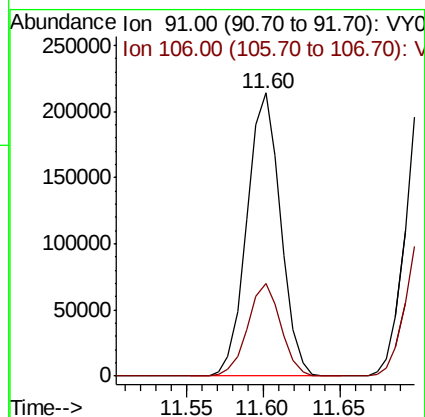
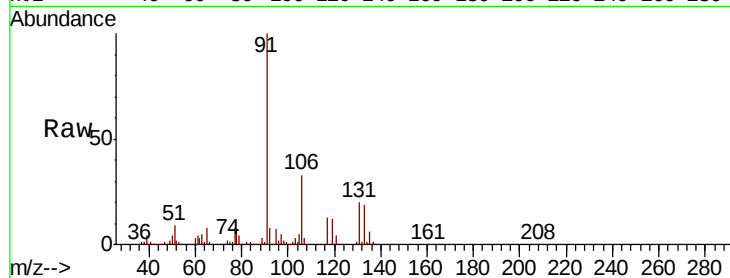
VY0507SBS01

Tot Ion: 91 Resp: 327881

Ion Ratio Lower Upper

91 100

106 32.9 26.1 39.1



#68

m/p-Xylenes

Concen: 41.554 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002620.D

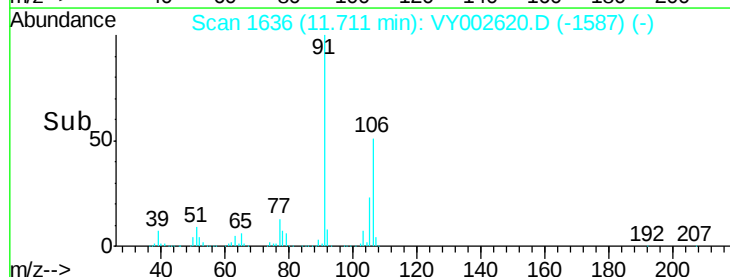
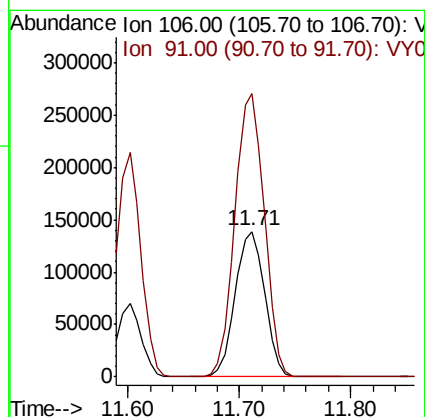
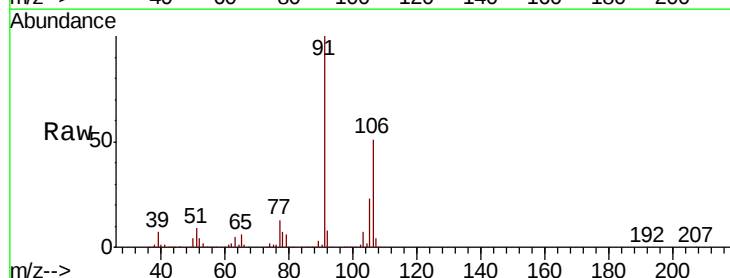
Acq: 07 May 2020 11:03

Tgt Ion: 106 Resp: 254762

Ion Ratio Lower Upper

106 100

91 194.7 155.2 232.8

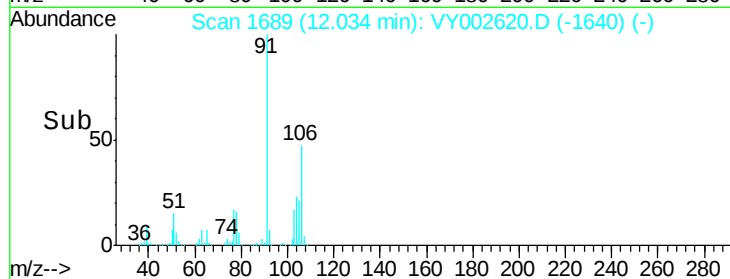
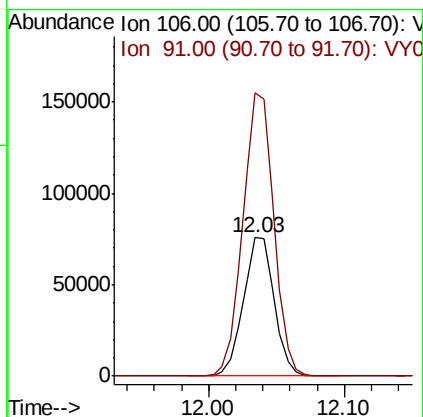
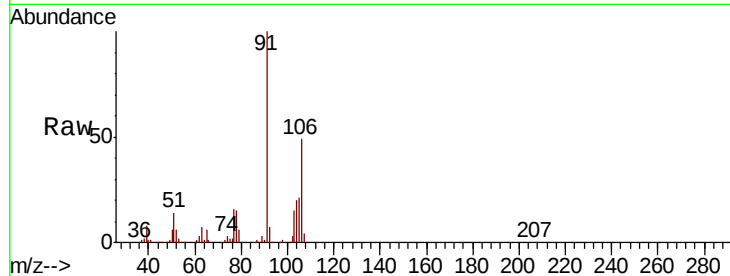




#69
o-Xylene
Concen: 20.908 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

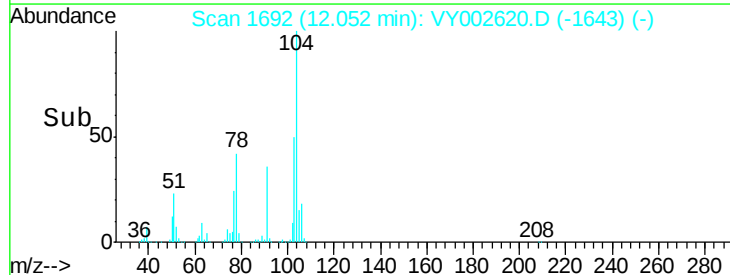
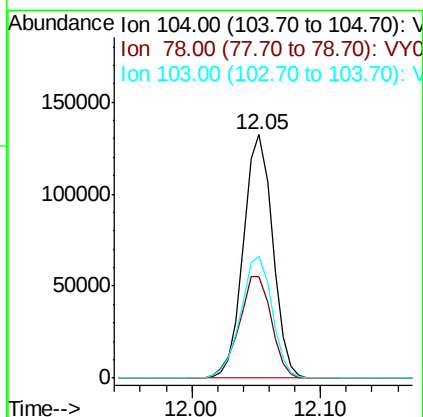
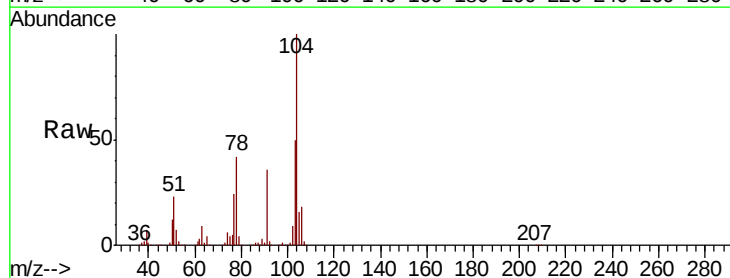
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

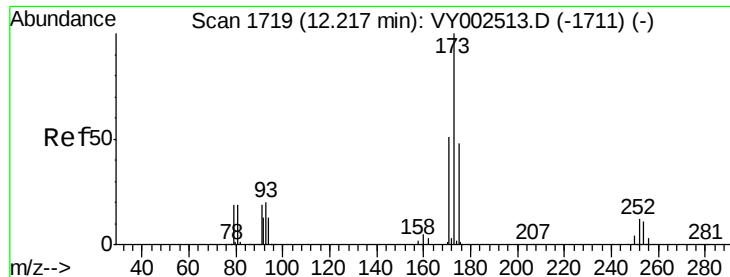
Tot Ion:106 Resp: 120024
Ion Ratio Lower Upper
106 100
91 205.3 103.8 311.3



#70
Styrene
Concen: 21.037 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion:104 Resp: 206451
Ion Ratio Lower Upper
104 100
78 46.5 37.4 56.0
103 53.9 43.9 65.9





#71

Bromoform

Concen: 20.676 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

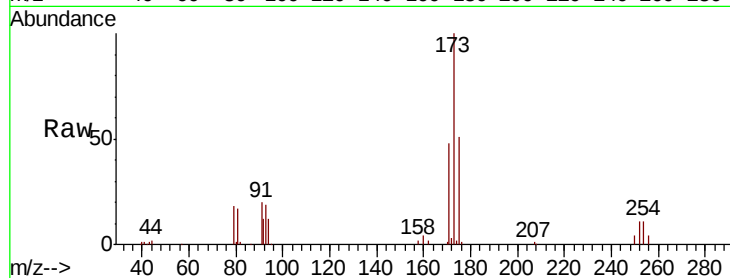
Tot Ion:173 Resp: 42970

Ion Ratio Lower Upper

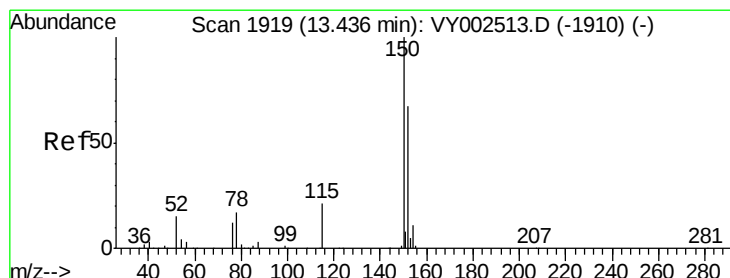
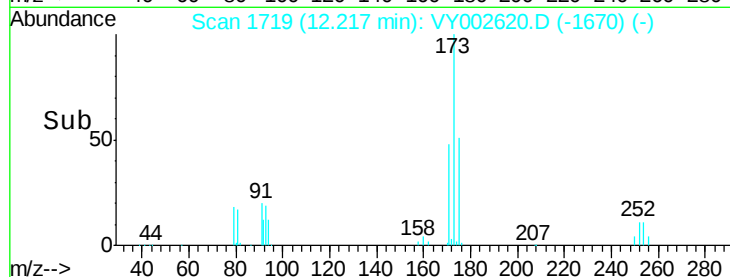
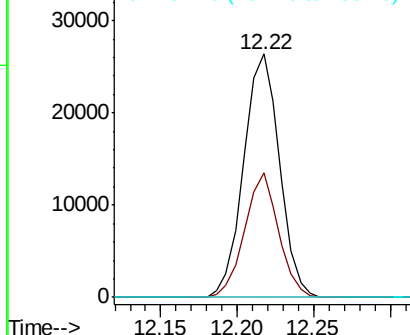
173 100

175 48.1 24.3 72.8

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

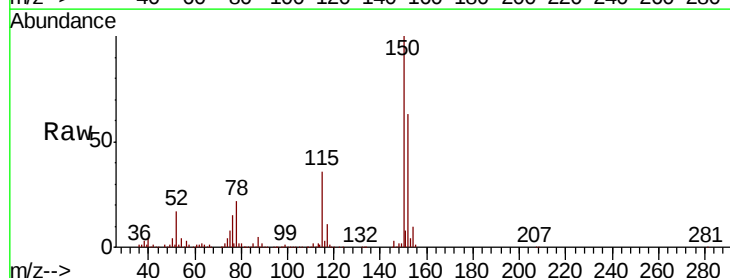
Tgt Ion:152 Resp: 246739

Ion Ratio Lower Upper

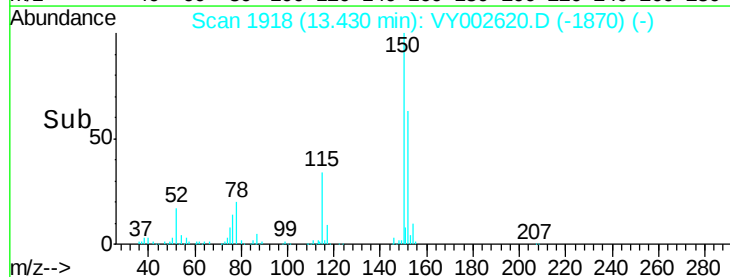
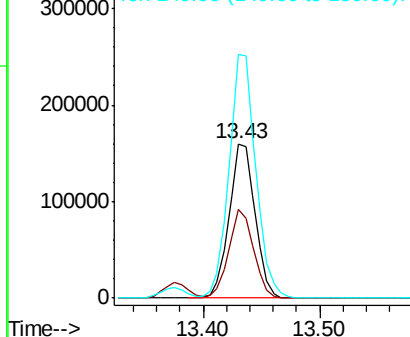
152 100

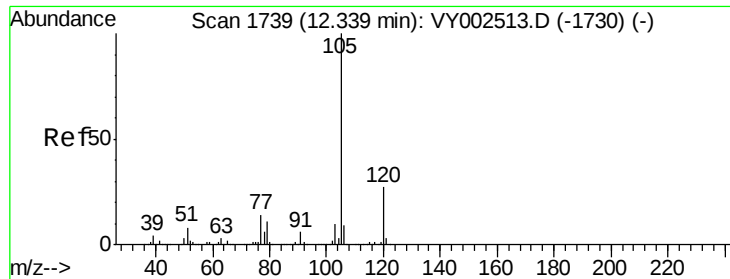
115 55.0 27.5 82.4

150 163.4 0.0 346.4



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: 20.666 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

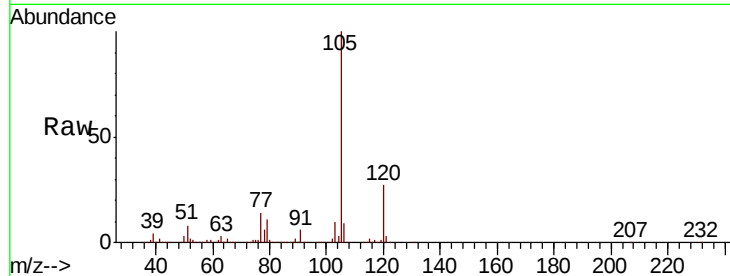
VY0507SBS01

Tot Ion:105 Resp: 330465

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

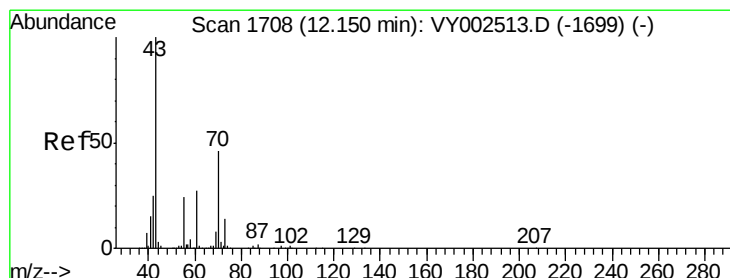
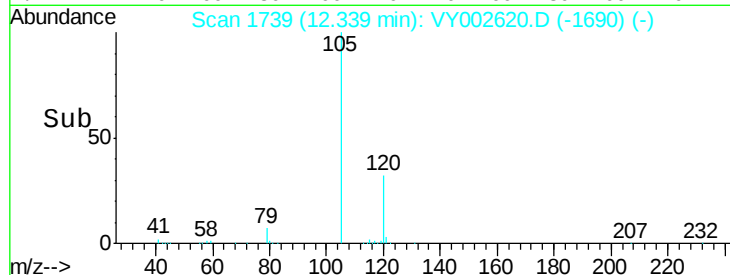
0

12.30

12.34

12.40

Time-->



#74

N-ethyl acetate

Concen: 20.341 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion: 43 Resp: 78245

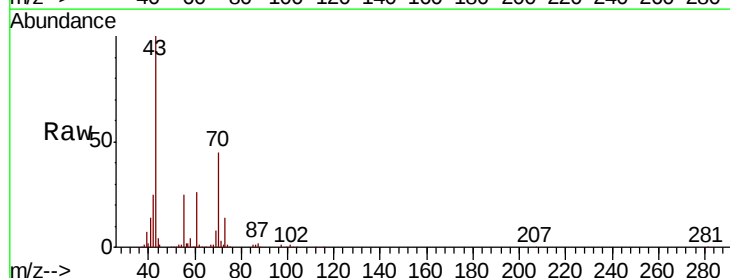
Ion Ratio Lower Upper

43 100

70 47.2 36.7 55.1

55 25.0 19.2 28.8

61 26.1 21.1 31.7



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

80000

60000

40000

20000

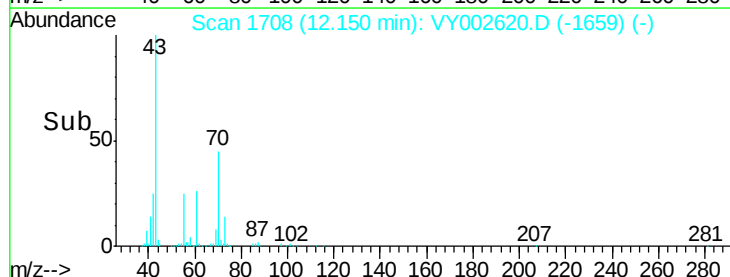
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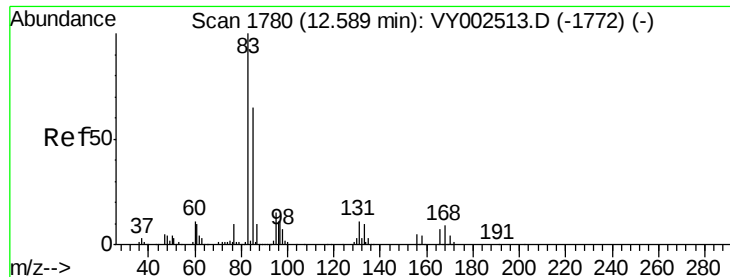
12.10

12.15

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.162 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

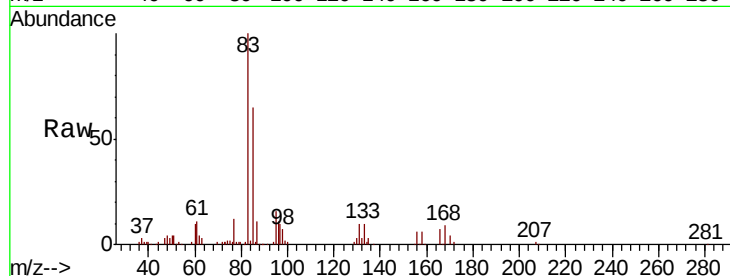
Tot Ion: 83 Resp: 48732

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.8

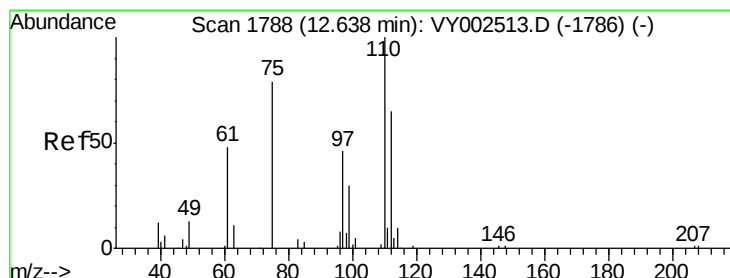
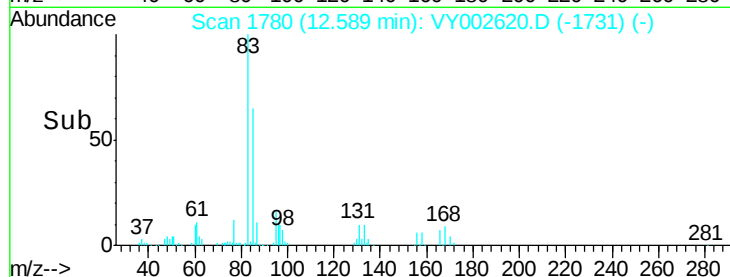
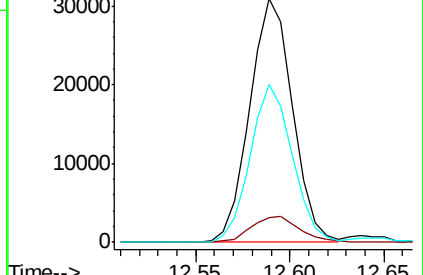
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002620.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002620.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002620.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 35.777 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002620.D

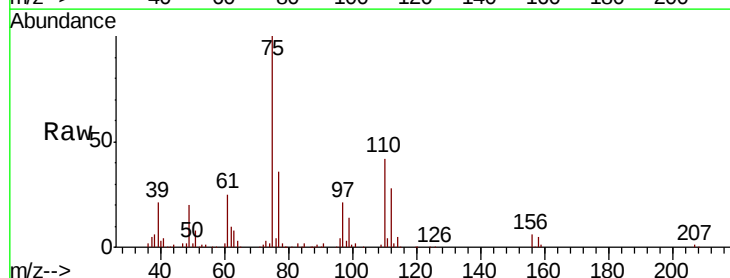
Acq: 07 May 2020 11:03

Tgt Ion: 75 Resp: 78448

Ion Ratio Lower Upper

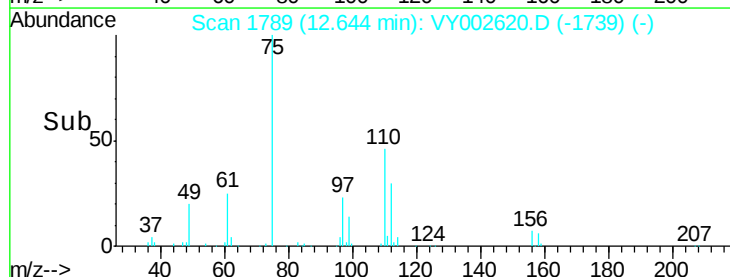
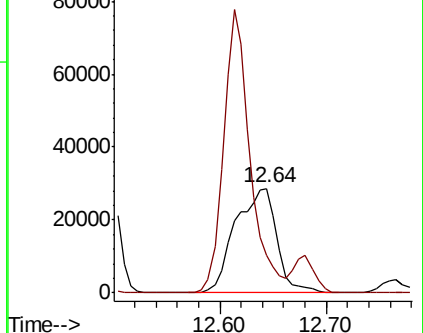
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002620.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002620.D (-1739) (-)





#77

Bromobenzene

Concen: 20.489 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

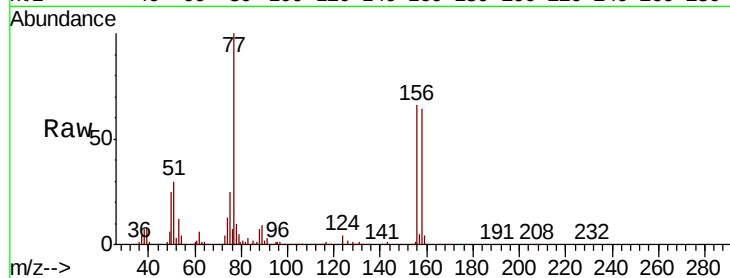
Tot Ion:156 Resp: 81856

Ion Ratio Lower Upper

156 100

77 165.1 82.0 245.8

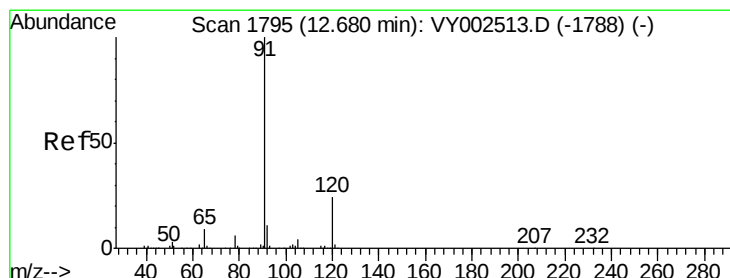
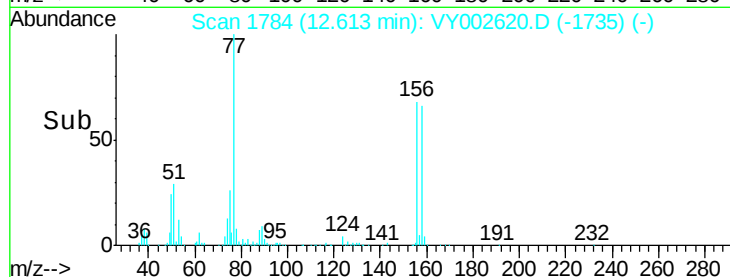
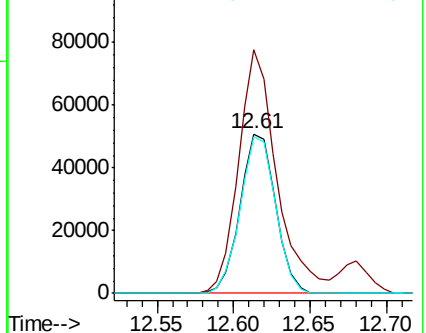
158 97.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.852 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002620.D

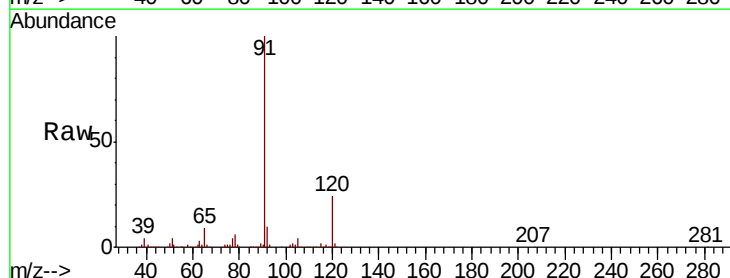
Acq: 07 May 2020 11:03

Tgt Ion: 91 Resp: 386948

Ion Ratio Lower Upper

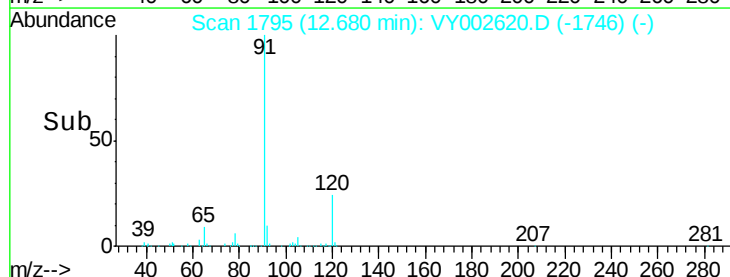
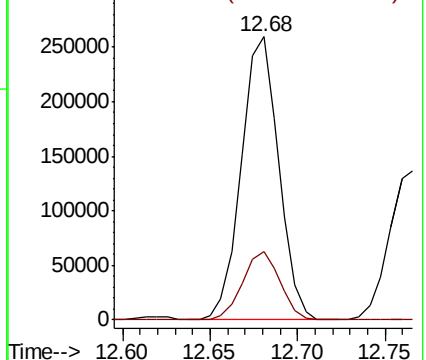
91 100

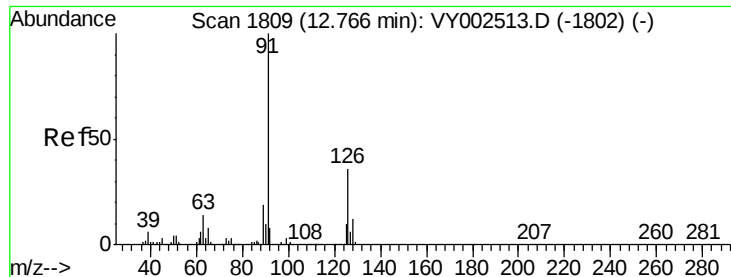
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.636 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

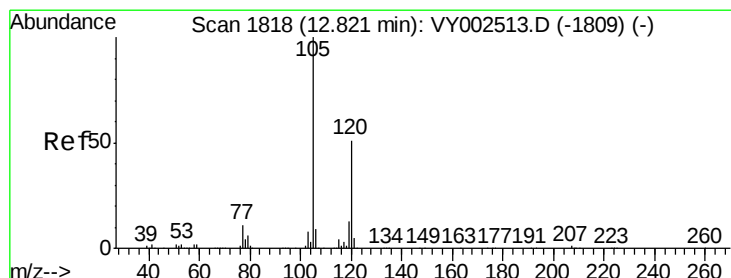
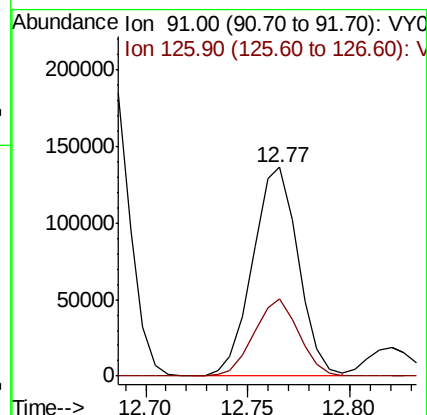
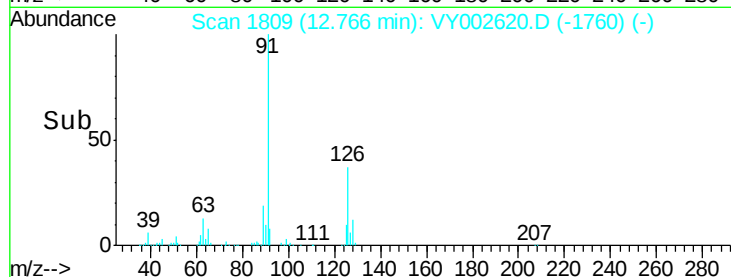
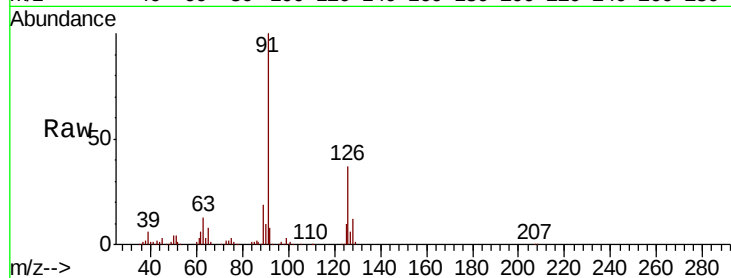
VY0507SBS01

Tot Ion: 91 Resp: 212126

Ion Ratio Lower Upper

91 100

126 36.4 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 20.786 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002620.D

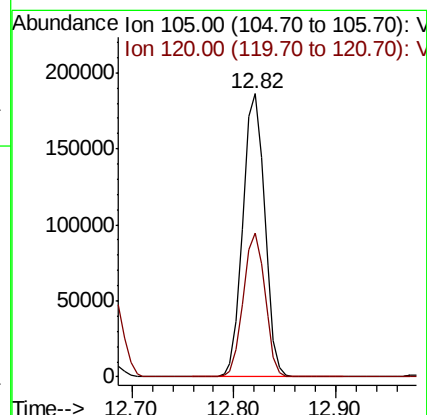
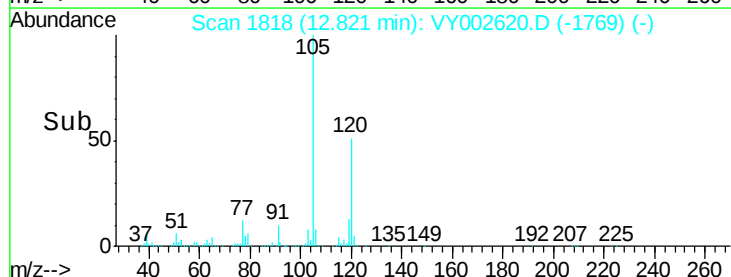
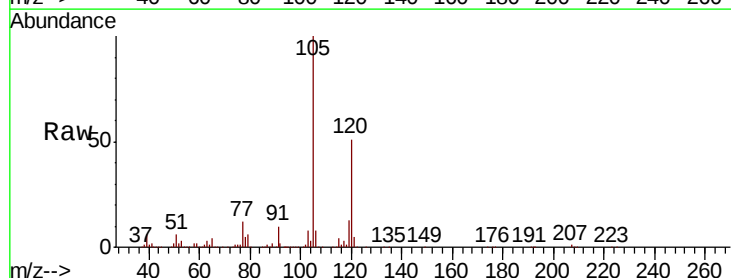
Acq: 07 May 2020 11:03

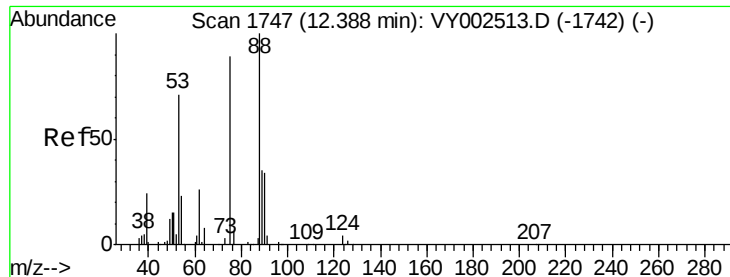
Tgt Ion:105 Resp: 275528

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.785 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

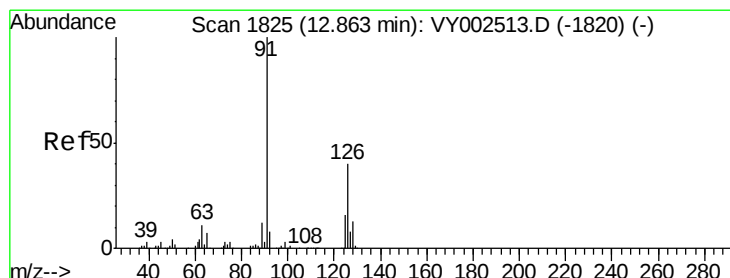
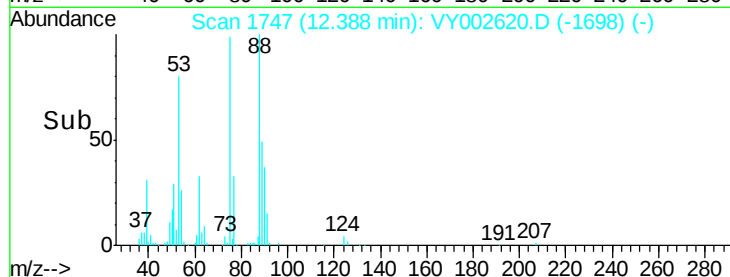
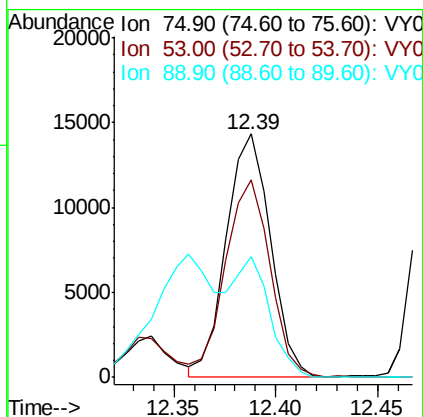
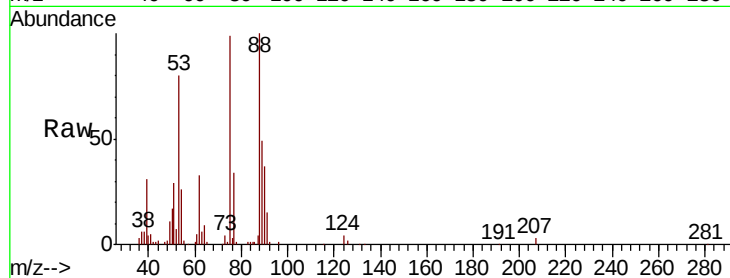
Tot Ion: 75 Resp: 21635

Ion Ratio Lower Upper

75 100

53 82.0 67.4 101.0

89 37.9 37.4 56.0



#82

4-Chlorotoluene

Concen: 20.746 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002620.D

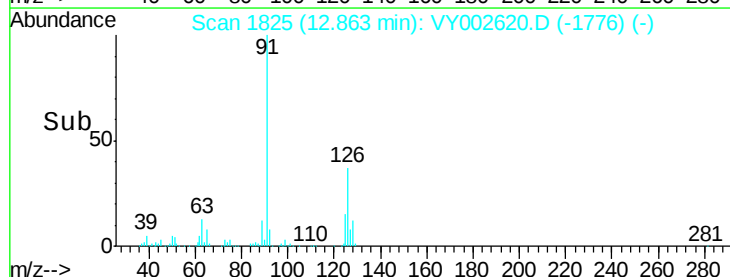
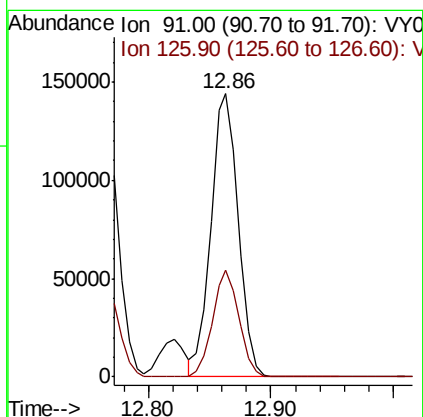
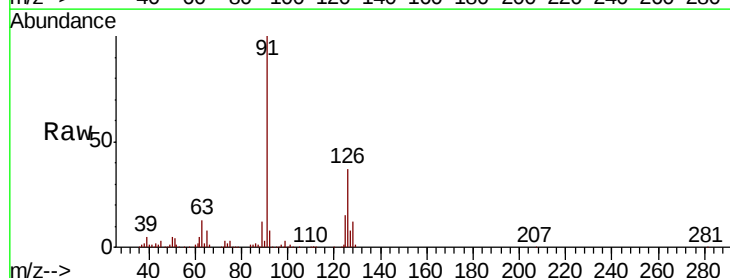
Acq: 07 May 2020 11:03

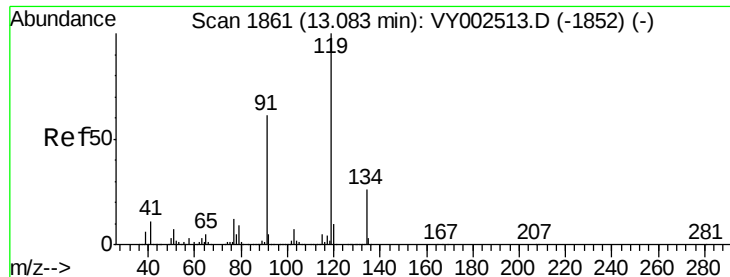
Tgt Ion: 91 Resp: 224006

Ion Ratio Lower Upper

91 100

126 36.5 18.5 55.5

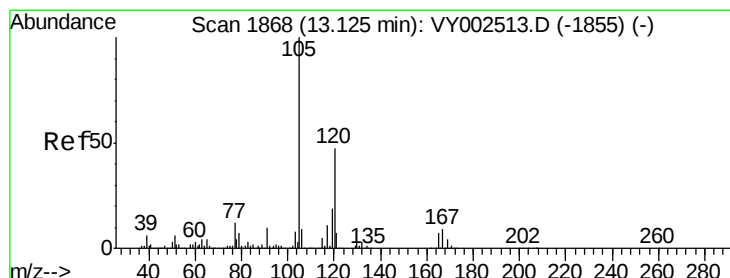
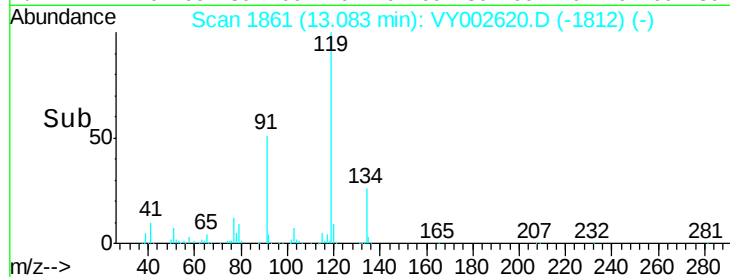
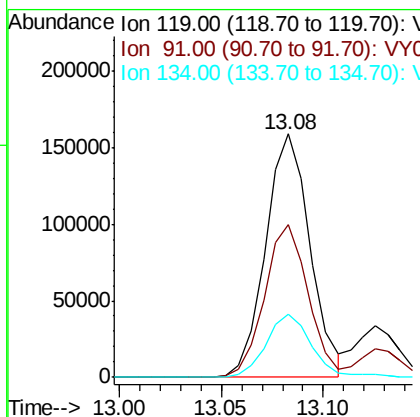
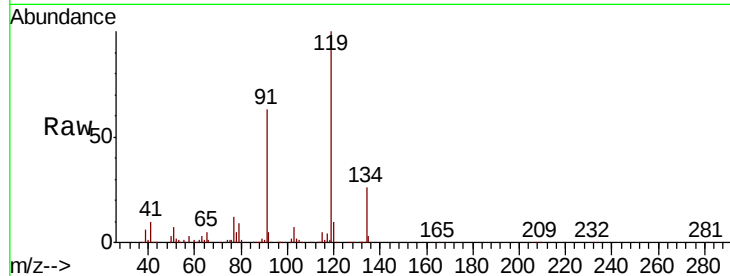




#83
 tert-Butylbenzene
 Concen: 20.789 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

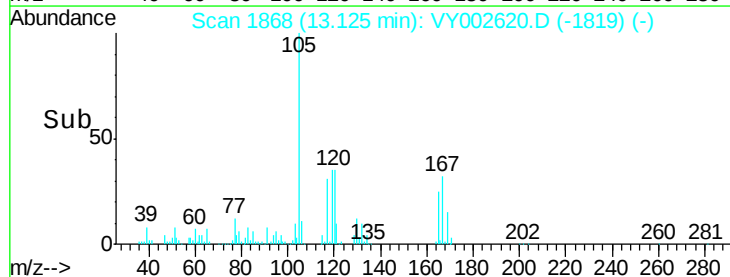
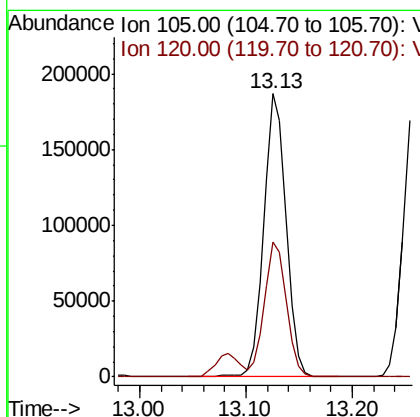
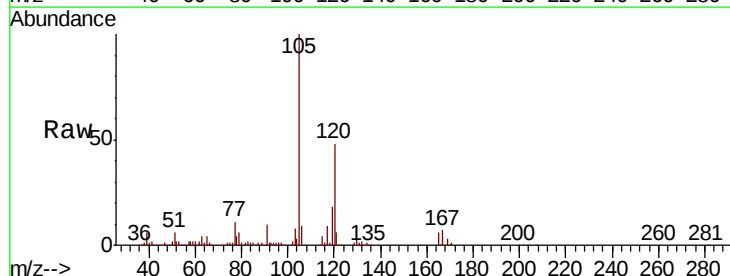
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

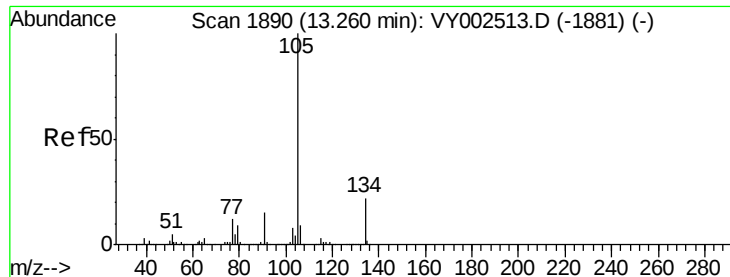
Tot Ion:119 Resp: 241627
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.6 91.6
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.799 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion:105 Resp: 274759
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.230 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

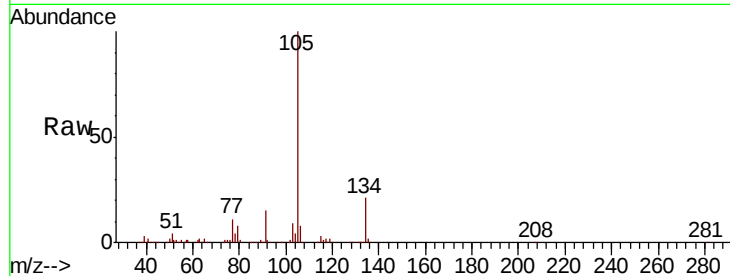
VY0507SBS01

Tot Ion:105 Resp: 342389

Ion Ratio Lower Upper

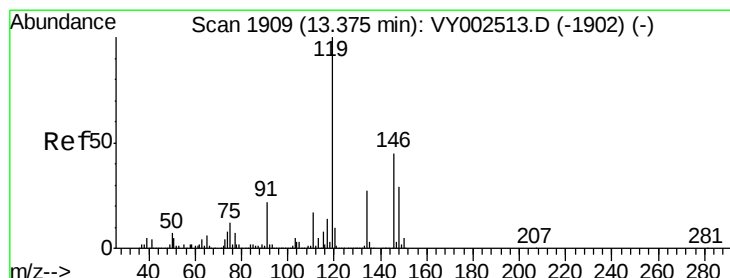
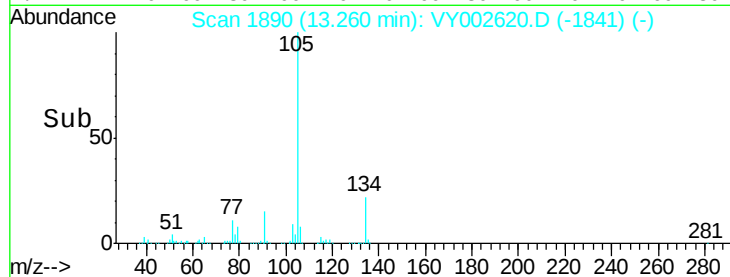
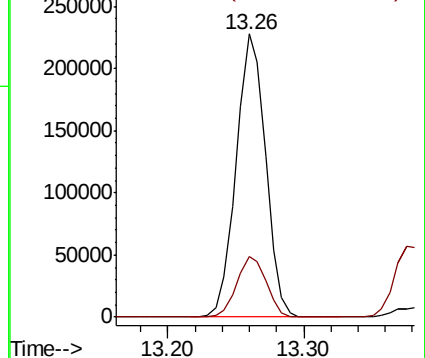
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.002 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

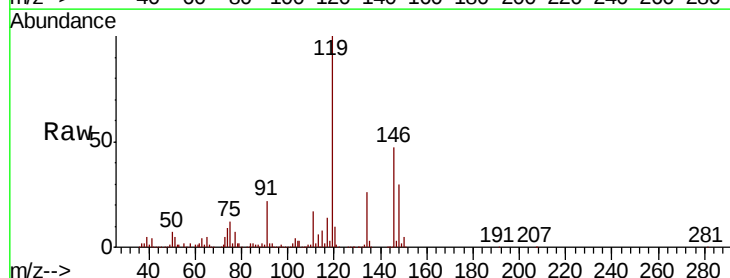
Tgt Ion:119 Resp: 317370

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

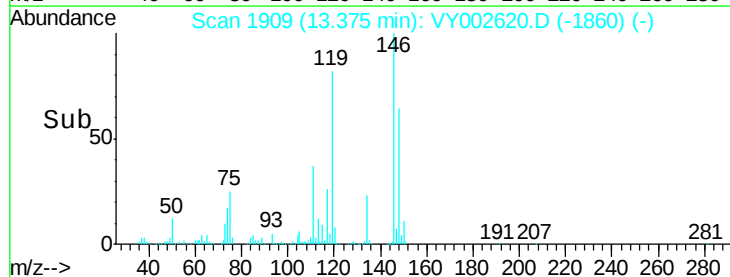
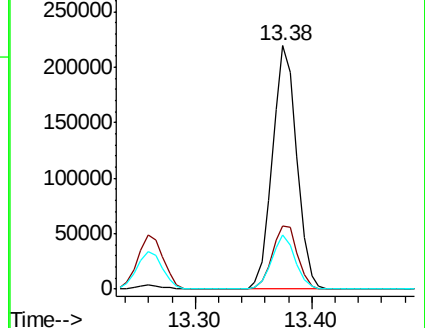
91 21.3 10.9 32.9

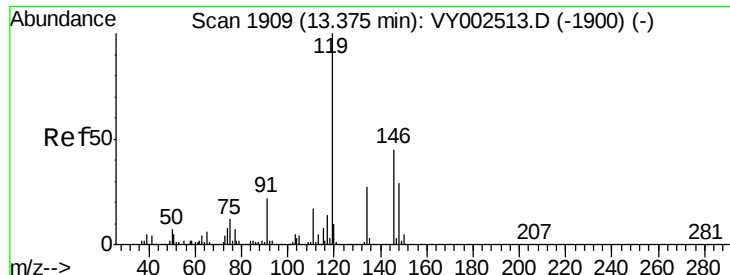


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

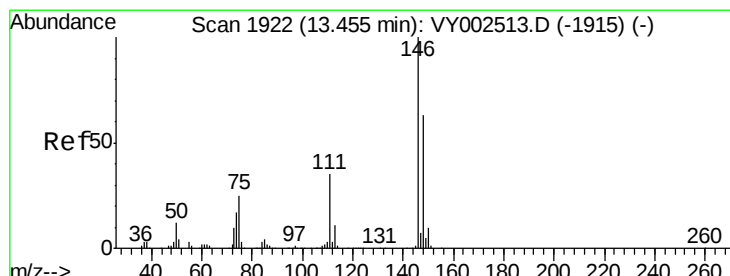
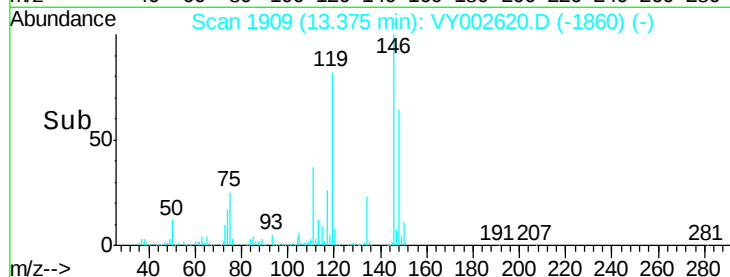
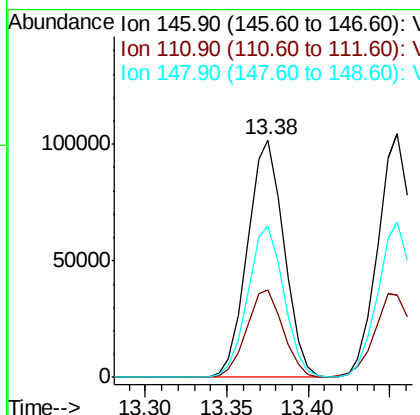
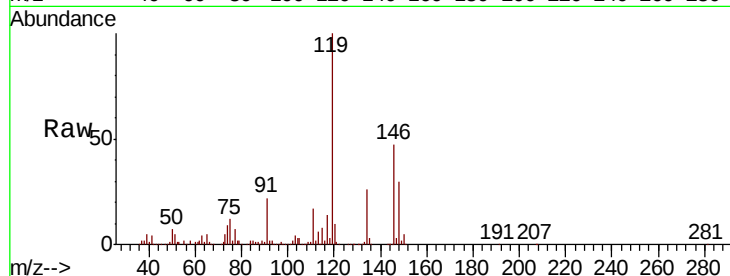




#87
 1,3-Dichlorobenzene
 Concen: 20.980 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

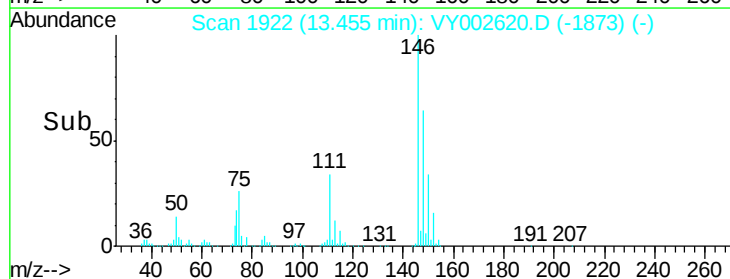
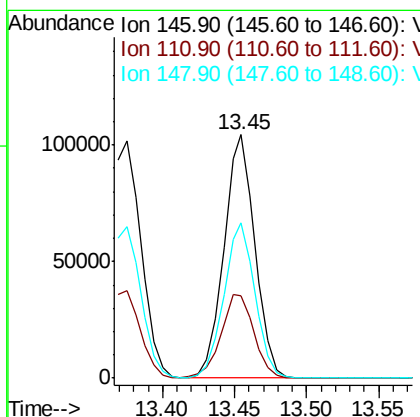
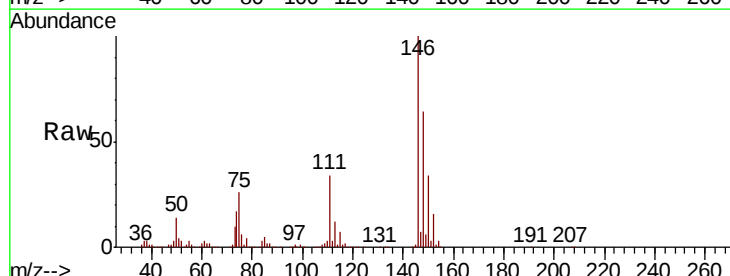
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

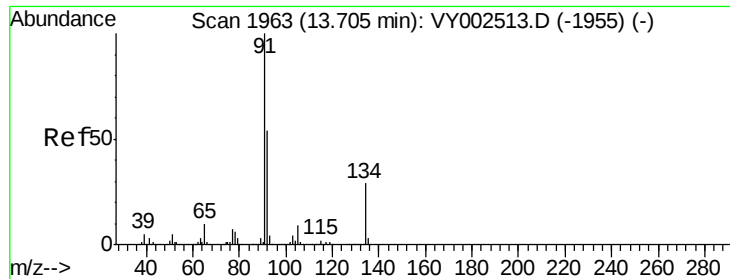
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	63.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.986 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.3	31.9	95.5





#89

n-Butylbenzene

Concen: 21.214 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

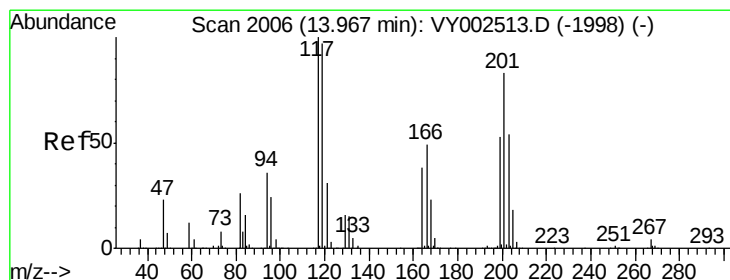
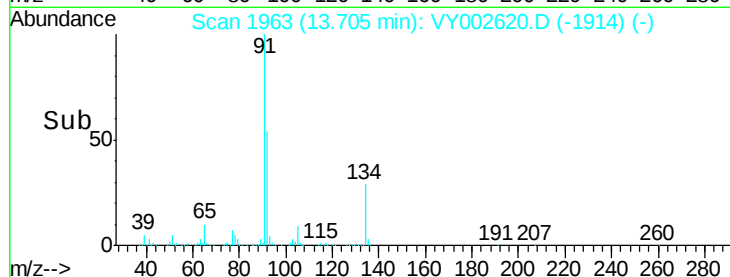
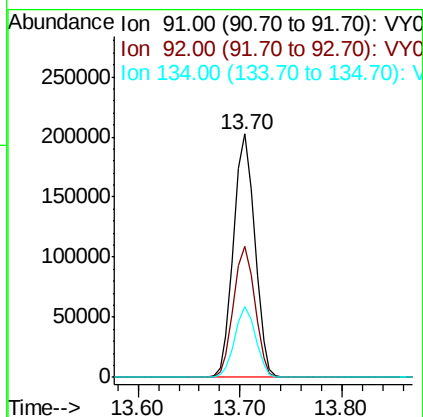
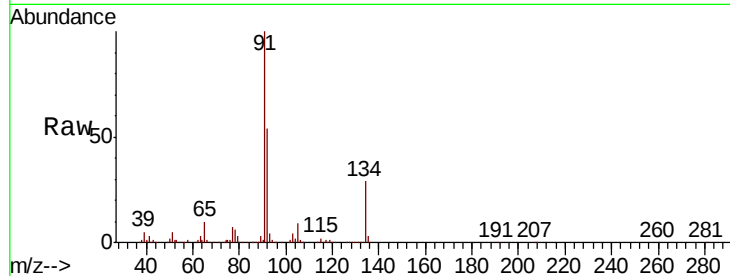
Tot Ion: 91 Resp: 291831

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.3

134 28.6 14.4 43.0



#90

Hexachloroethane

Concen: 21.091 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002620.D

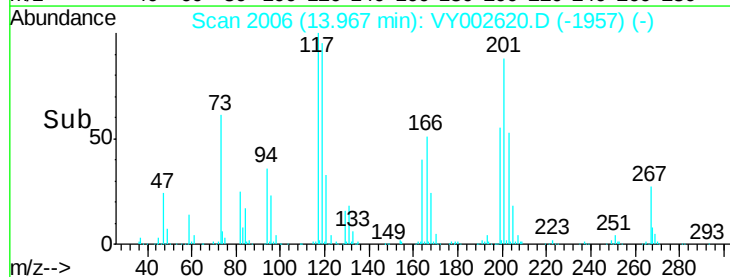
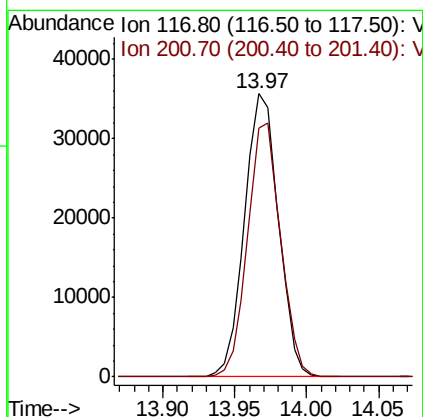
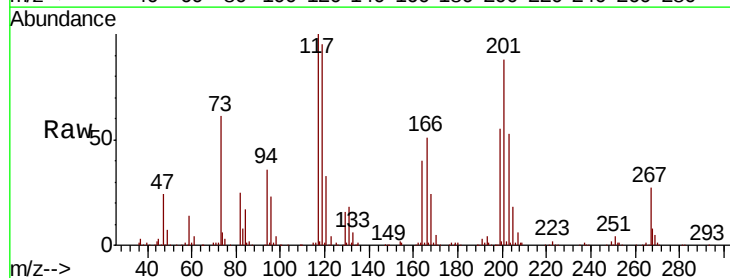
Acq: 07 May 2020 11:03

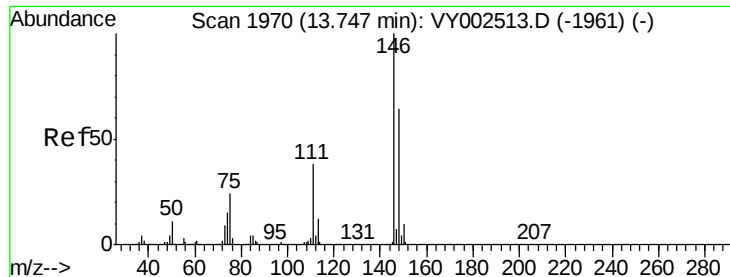
Tgt Ion: 117 Resp: 58042

Ion Ratio Lower Upper

117 100

201 87.1 44.4 133.2

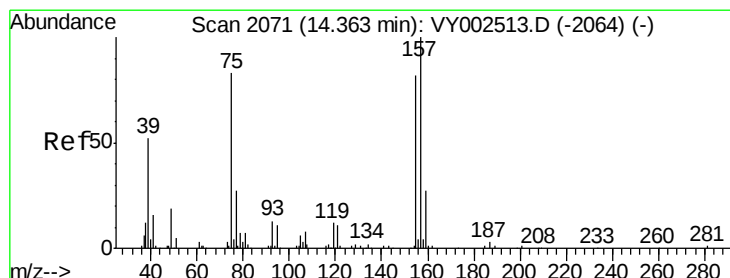
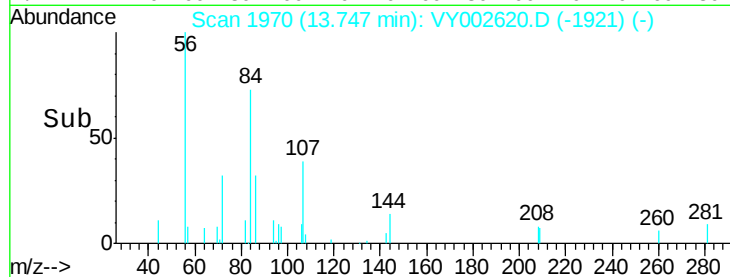
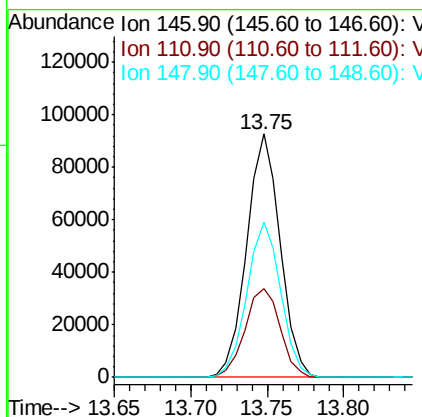
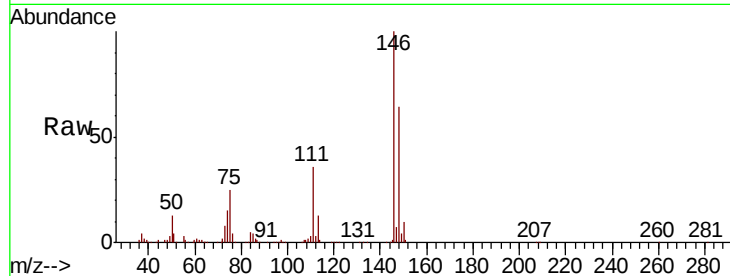




#91
 1,2-Dichlorobenzene
 Concen: 20.913 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

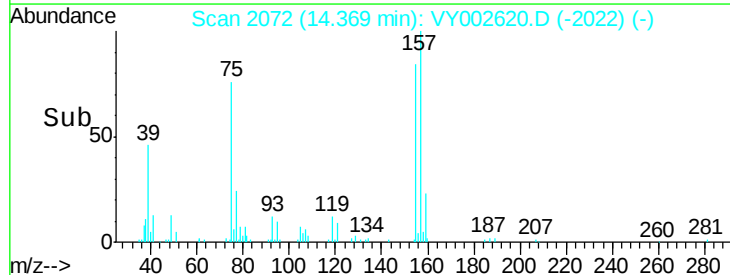
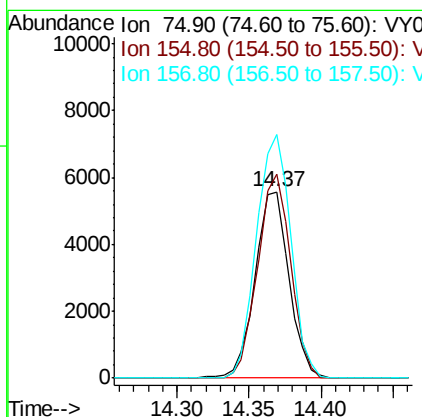
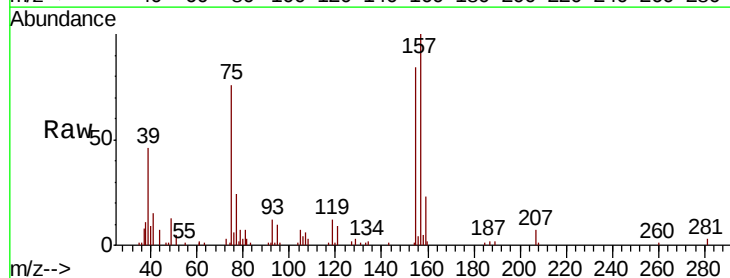
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

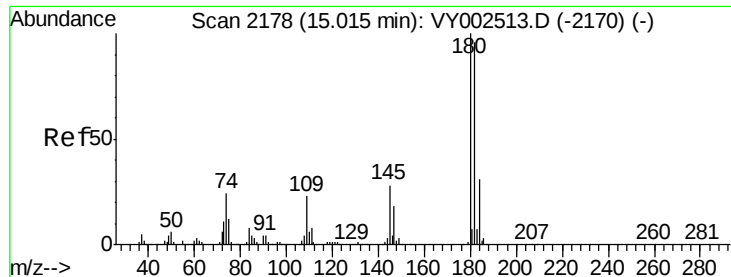
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.4	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.151 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.6	51.3	153.9
157	131.7	65.0	195.0

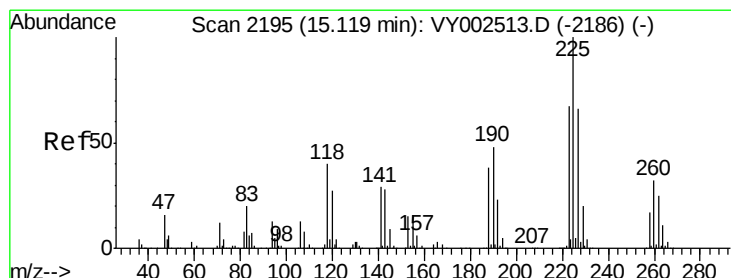
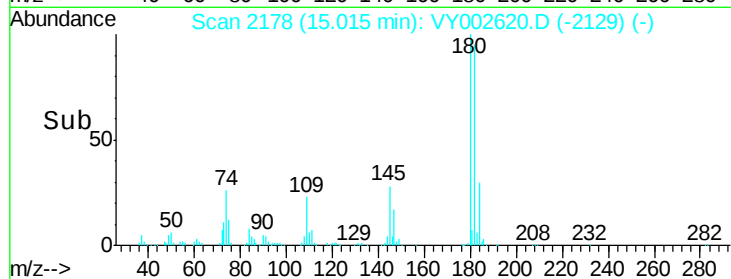
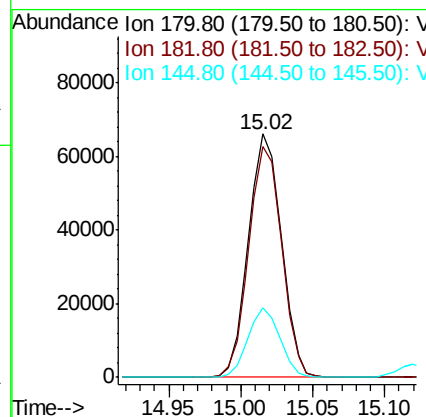
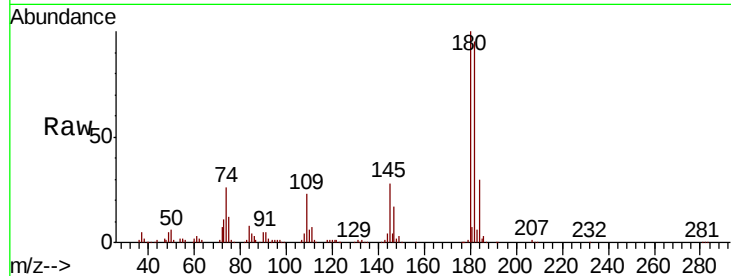




#93
 1,2,4-Trichlorobenzene
 Concen: 21.389 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

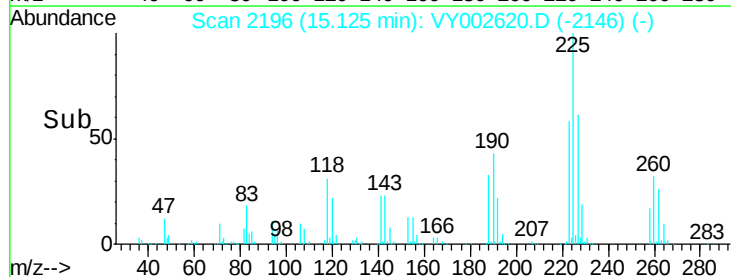
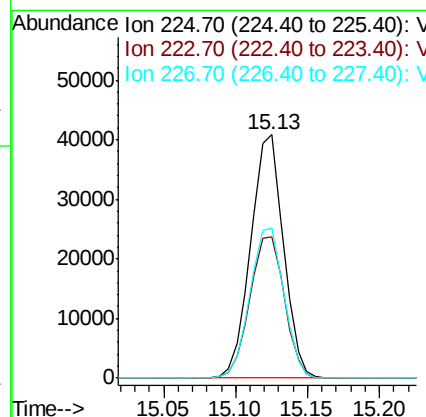
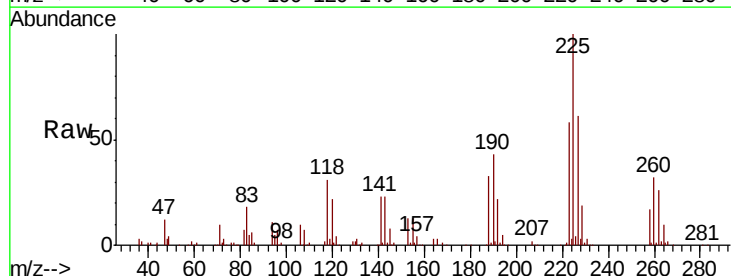
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

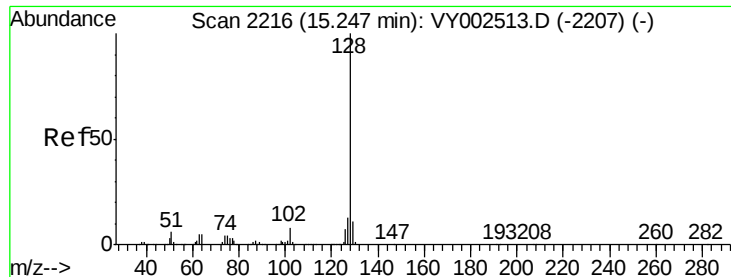
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	27.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 21.781 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	32.1	96.5
227	63.7	32.0	96.2





#95

Naphthalene

Concen: 20.155 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

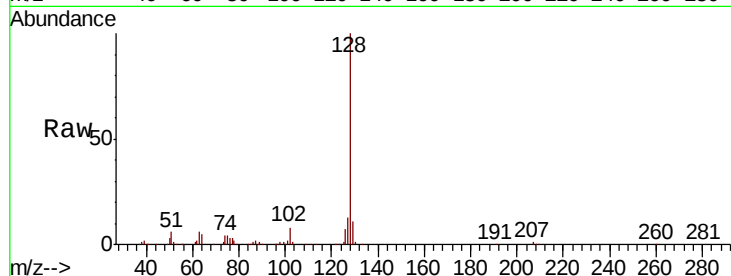
Tot Ion:128 Resp: 180113

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

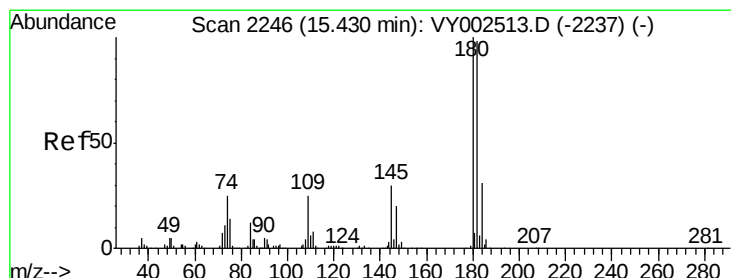
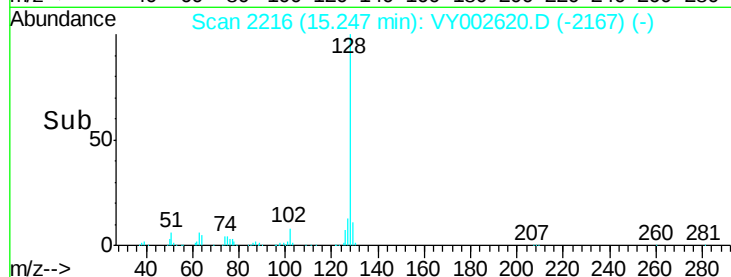
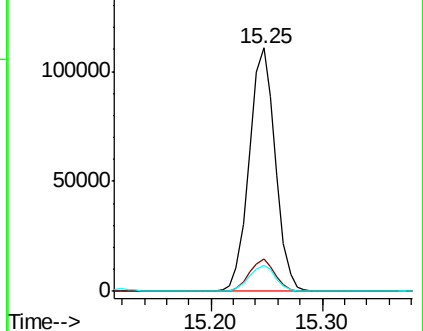
129 10.8 8.8 13.2



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: 20.694 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

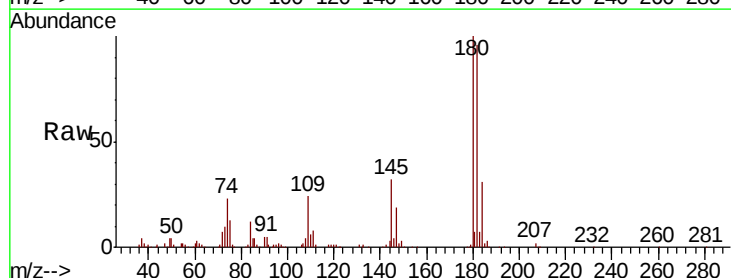
Tgt Ion:180 Resp: 86057

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 30.6 15.0 45.1



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

