

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071422\
 Data File : VY009567.D
 Acq On : 14 Jul 2022 16:30
 Operator : KP/MD
 Sample : N3663-01RE
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16181RE

Quant Time: Jul 15 01:22:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	96117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	115078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36392	54.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.710	113	32249	38.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.600%	
50) Toluene-d8	10.173	98	119825	52.272	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.477	95	25504	21.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 42.920%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	301	4.404	ug/l #	48
11) Tert butyl alcohol	4.948	59	3508	5.697	ug/l #	93
13) Acrolein	3.936	56	52	30.839	ug/l #	1
16) Acetone	3.936	43	119238	509.958	ug/l	98
17) Carbon Disulfide	4.186	76	20953	11.731	ug/l	98
20) Methylene Chloride	4.698	84	9988	4.744	ug/l	94
23) Vinyl Acetate	6.045	43	78	Below Cal	#	75
25) 2-Butanone	6.978	43	34218	90.465	ug/l #	89
26) 2,2-Dichloropropane	6.966	77	2836	1.774	ug/l #	55
29) Tetrahydrofuran	7.344	42	293	1.198	ug/l #	56
31) Cyclohexane	7.777	56	2628	1.667	ug/l #	19
36) 1,1-Dichloropropene	7.777	75	7621	5.559	ug/l #	52
37) Ethyl Acetate	6.978	43	34218	39.821	ug/l #	72
38) Carbon Tetrachloride	7.783	117	9380	6.398	ug/l #	19
51) 4-Methyl-2-Pentanone	10.063	43	6791	8.054	ug/l	93
52) Toluene	10.234	92	2741	1.069	ug/l	95
59) 2-Hexanone	10.825	43	3595	6.153	ug/l	91
67) Ethyl Benzene	11.587	91	6003	1.521	ug/l #	85
68) m/p-Xylenes	11.697	106	10210	6.635	ug/l	89
69) o-Xylene	12.026	106	9216	6.248	ug/l	91
73) Isopropylbenzene	12.325	105	5411	2.545	ug/l	97
74) N-amyl acetate	12.111	43	8458	13.980	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.544	83	580	1.362	ug/l #	26
76) 1,2,3-Trichloropropane	12.733	75	533	1.619	ug/l #	100
78) n-propylbenzene	12.666	91	10083	3.925	ug/l	97
79) 2-Chlorotoluene	12.733	91	7212	5.014	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.806	105	43801	24.643	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.477	75	13659	84.933	ug/l #	9
82) 4-Chlorotoluene	12.806	91	6053	4.016	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.117	105	106882	60.414	ug/l	96
85) sec-Butylbenzene	13.251	105	10576	4.541	ug/l #	74
86) p-Isopropyltoluene	13.526	119	3165	1.630	ug/l	95
89) n-Butylbenzene	13.690	91	9208	5.080	ug/l #	62
90) Hexachloroethane	13.971	117	6022	15.810	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.373	75	419	5.615	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.007	180	1178	2.063	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

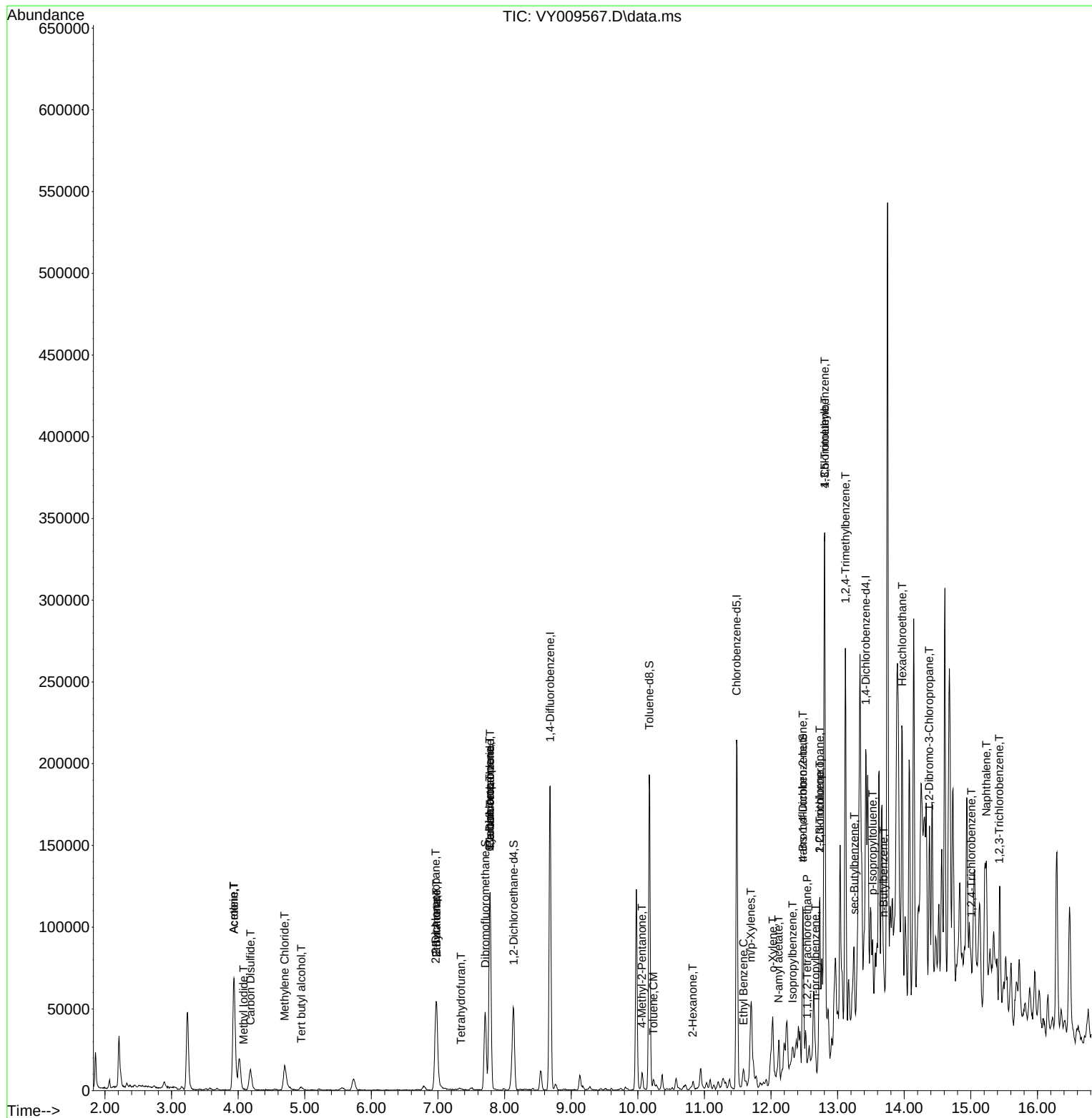
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.233	128	60333	51.103	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	996	2.014	ug/l #	1

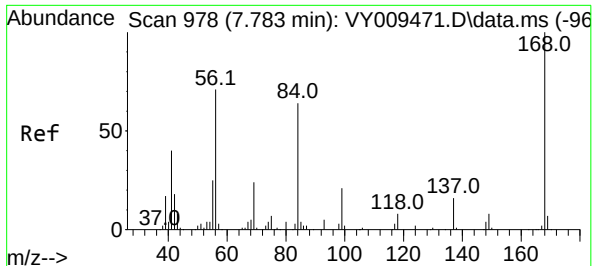
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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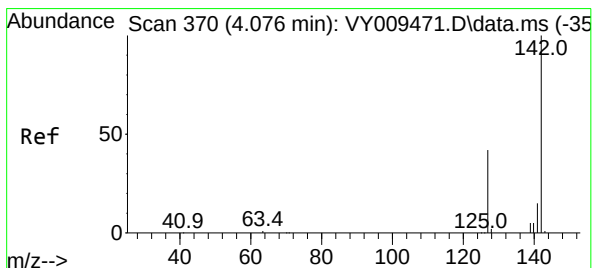
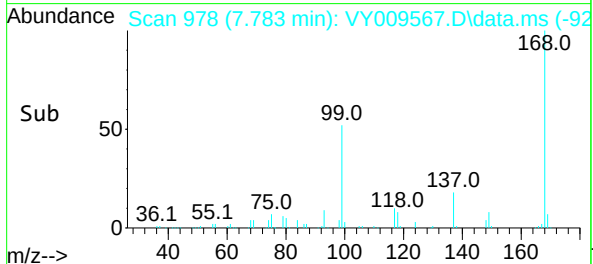
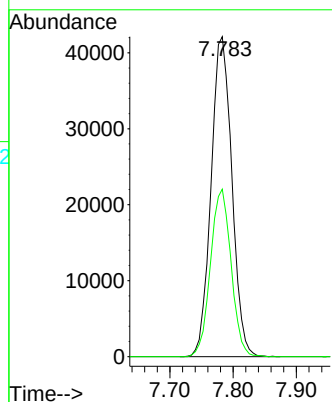
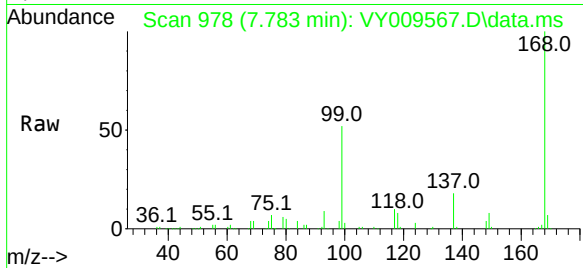




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

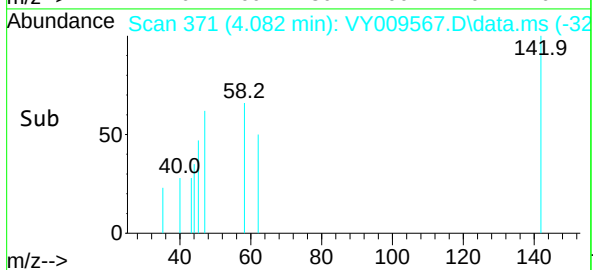
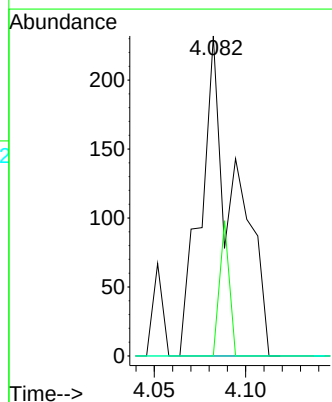
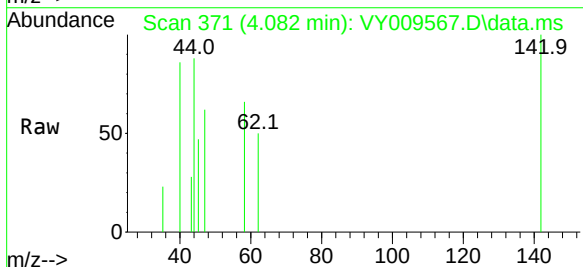
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

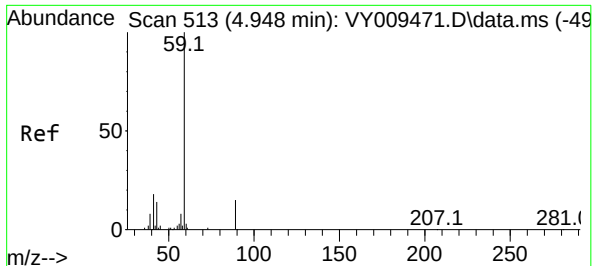
Tgt Ion:168 Resp: 96117
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#10
Methyl Iodide
Concen: 4.404 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion:142 Resp: 301
Ion Ratio Lower Upper
142 100
127 12.0 41.5 62.3#
141 0.0 11.9 17.9#

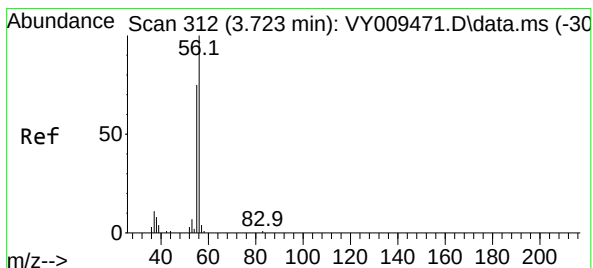
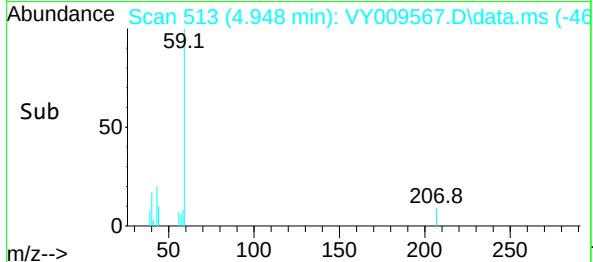
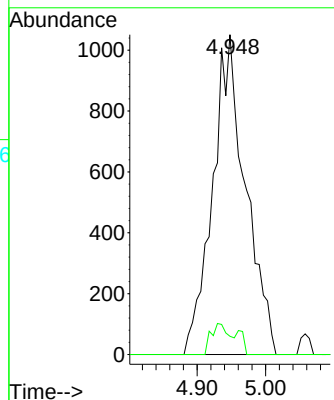
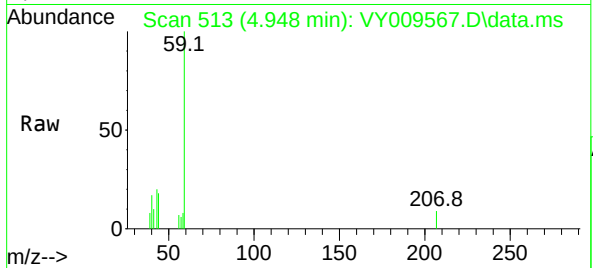




#11
Tert butyl alcohol
Concen: 5.697 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

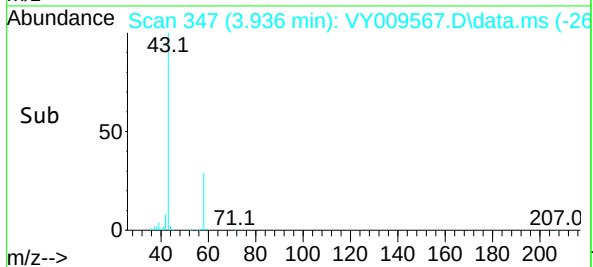
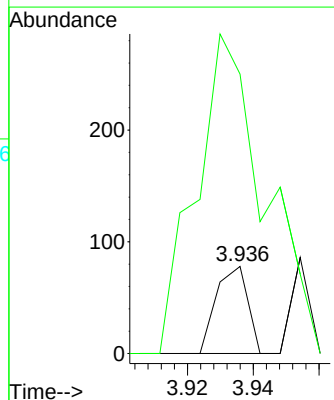
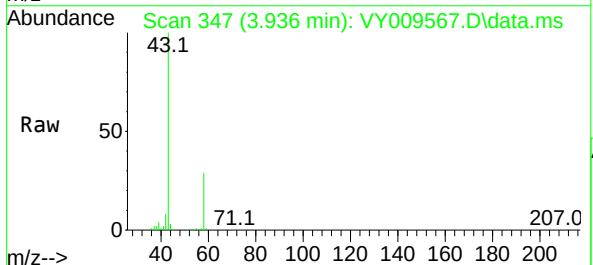
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

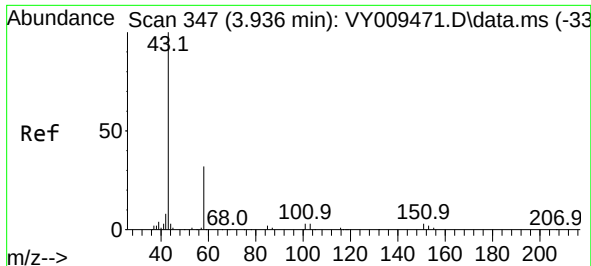
Tgt Ion: 59 Resp: 3508
Ion Ratio Lower Upper
59 100
57 5.5 6.4 9.6#



#13
Acrolein
Concen: 30.839 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.213 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 800.0 57.6 86.4#





#16

Acetone

Concen: 509.958 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

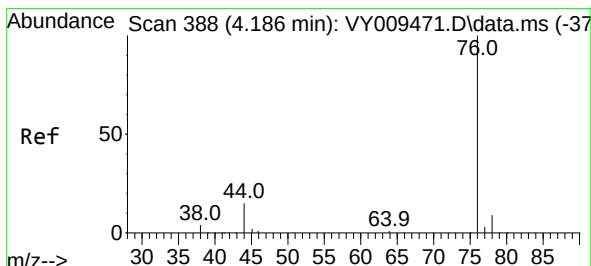
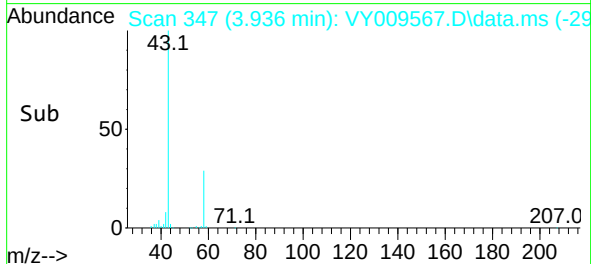
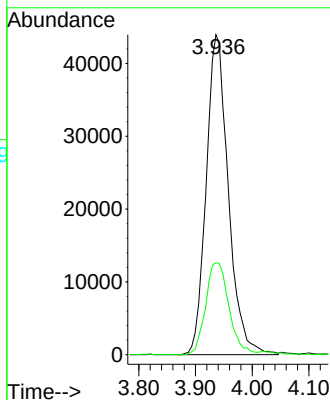
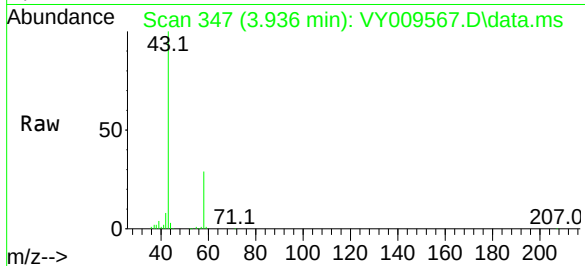
VB16181RE

Tgt Ion: 43 Resp: 119238

Ion Ratio Lower Upper

43 100

58 28.7 22.0 33.0



#17

Carbon Disulfide

Concen: 11.731 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY009567.D

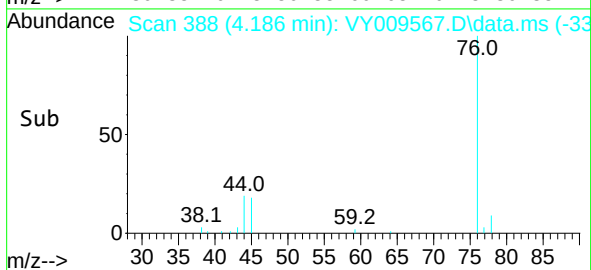
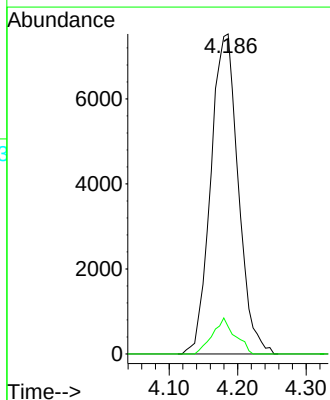
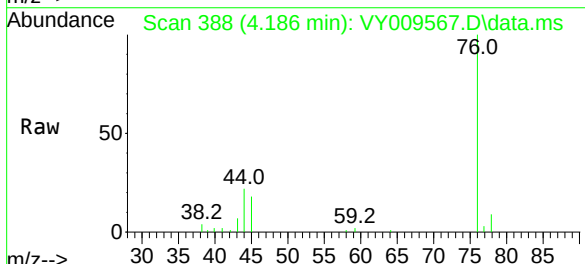
Acq: 14 Jul 2022 16:30

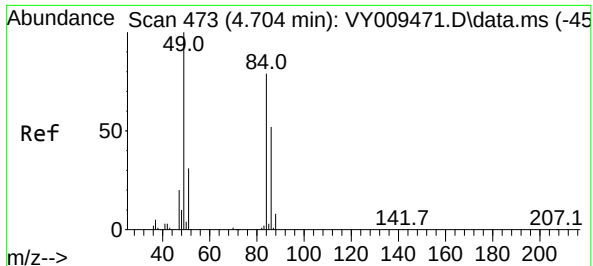
Tgt Ion: 76 Resp: 20953

Ion Ratio Lower Upper

76 100

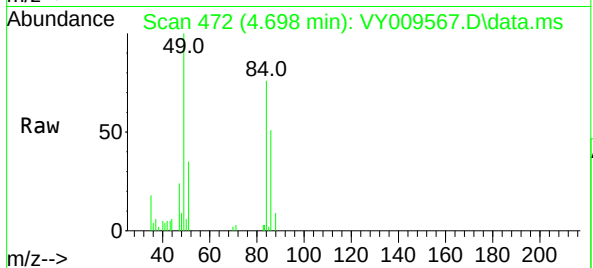
78 8.6 7.4 11.0



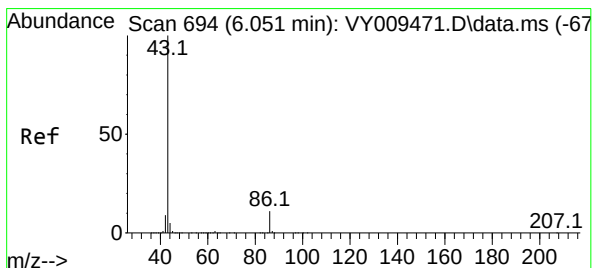
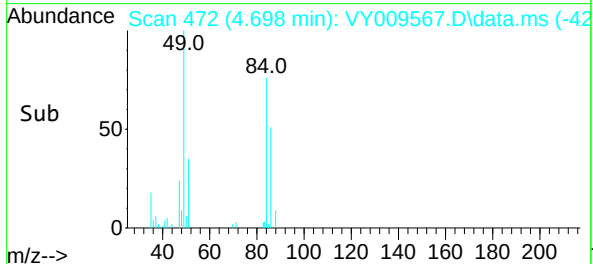
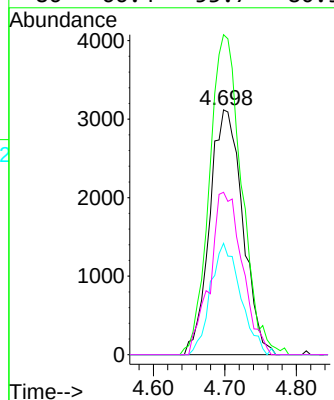


#20
Methylene Chloride
Concen: 4.744 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

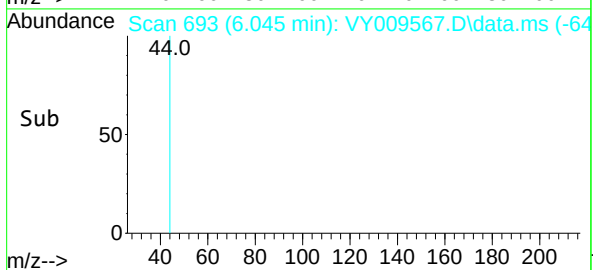
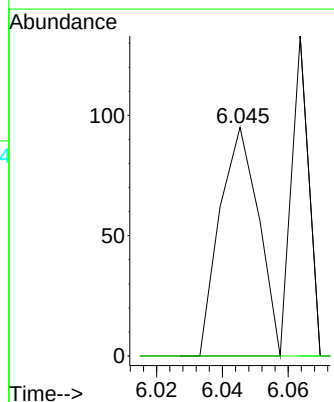
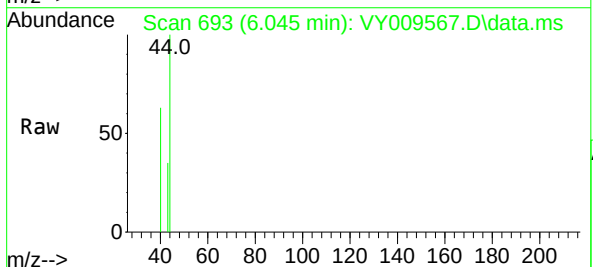


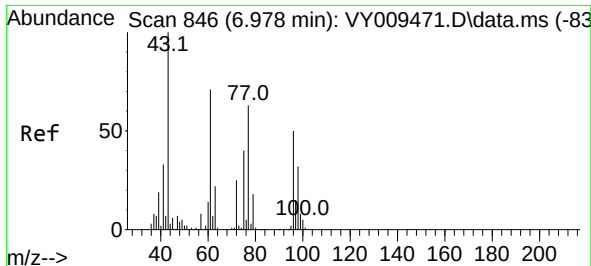
Tgt Ion: 84	Resp: 9988
Ion Ratio	Lower Upper
84 100	
49 130.7	114.4 171.6
51 45.5	35.3 52.9
86 66.4	53.7 80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.045 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 43	Resp: 78		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	7.1	10.7#	

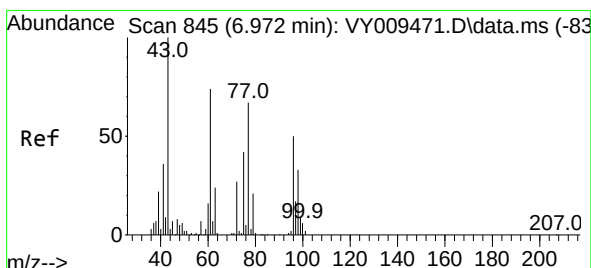
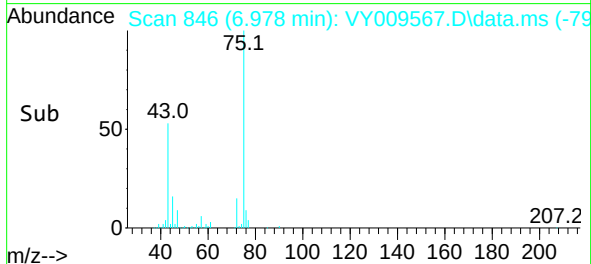
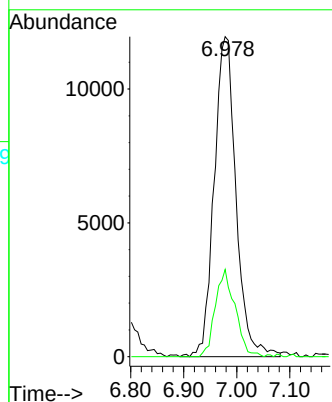
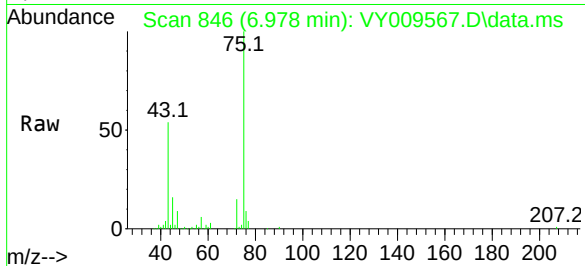




#25
2-Butanone
Concen: 90.465 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

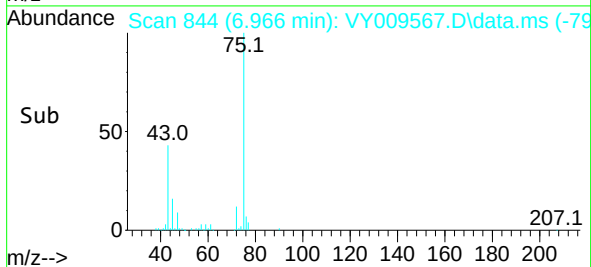
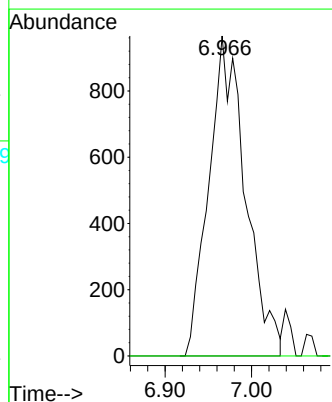
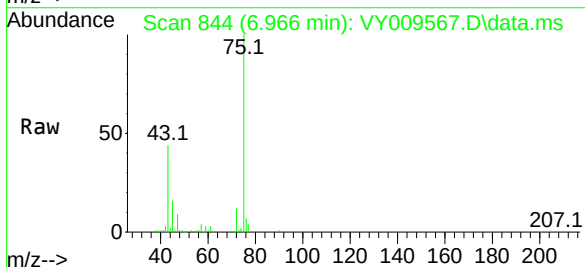
Instrument :
MSVOA_Y
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VB16181RE

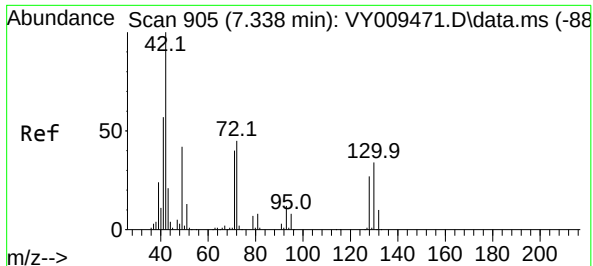
Tgt Ion: 43 Resp: 34218
Ion Ratio Lower Upper
43 100
72 27.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.774 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 77 Resp: 2836
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#29

Tetrahydrofuran

Concen: 1.198 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VB16181RE

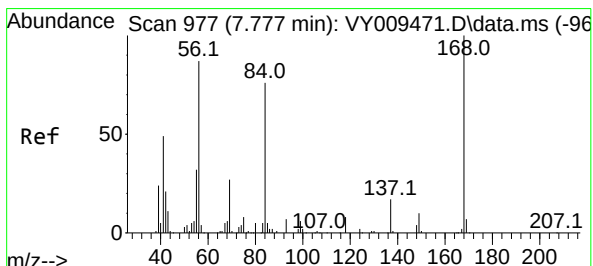
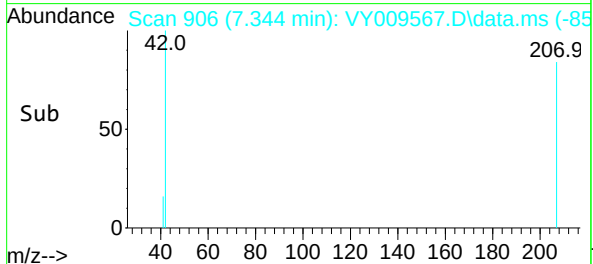
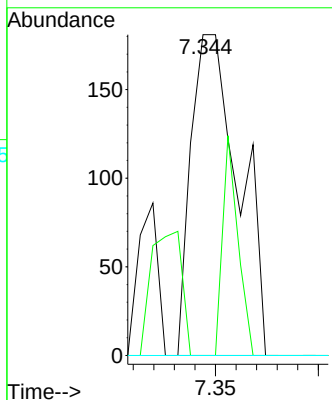
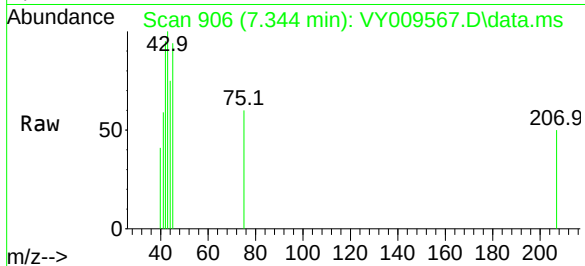
Tgt Ion: 42 Resp: 293

Ion Ratio Lower Upper

42 100

72 21.8 30.3 45.5#

71 0.0 29.0 43.4#



#31

Cyclohexane

Concen: 1.667 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

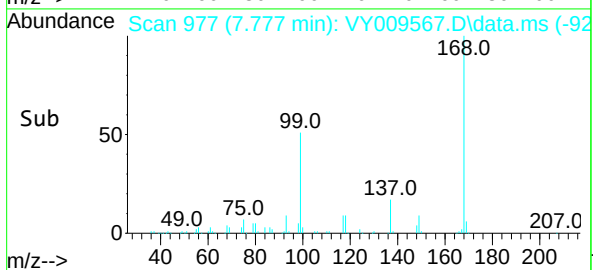
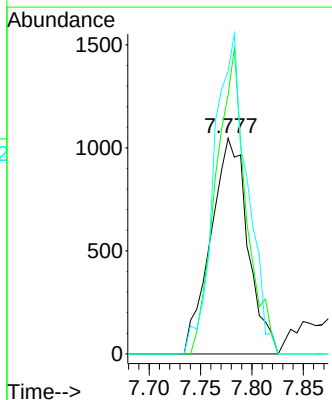
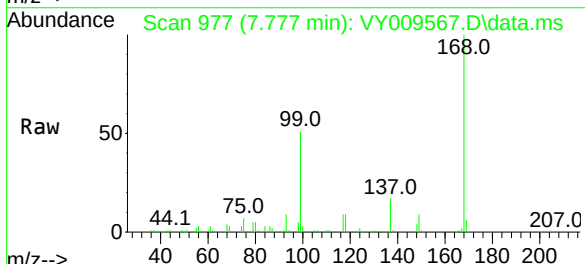
Tgt Ion: 56 Resp: 2628

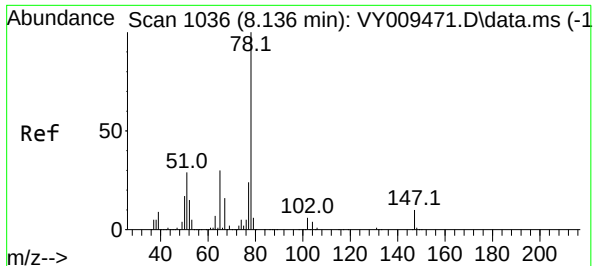
Ion Ratio Lower Upper

56 100

69 120.2 26.7 40.1#

84 130.9 67.2 100.8#

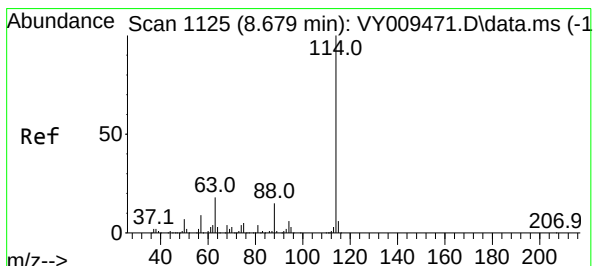
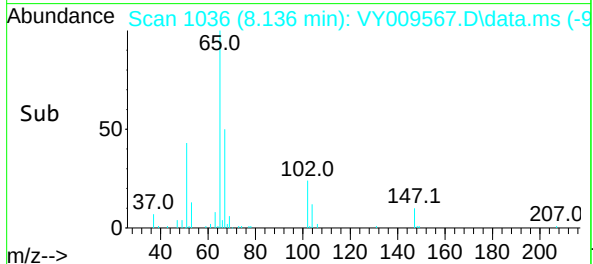
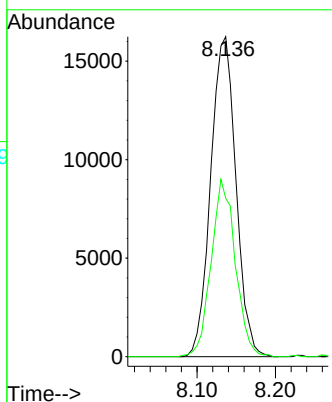
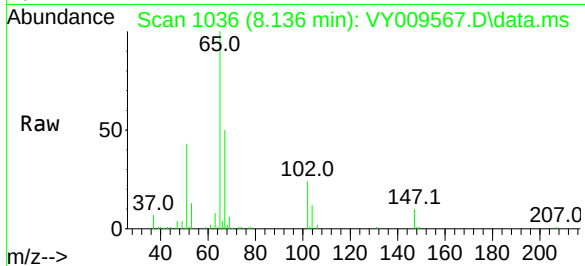




#33
 1,2-Dichloroethane-d4
 Concen: 54.308 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009567.D
 Acq: 14 Jul 2022 16:30

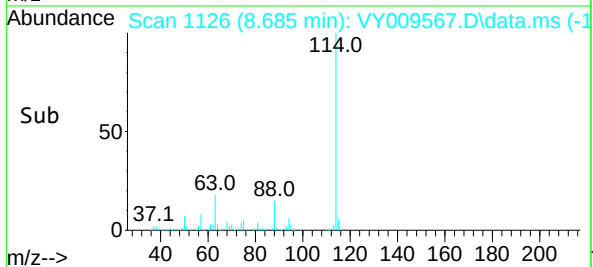
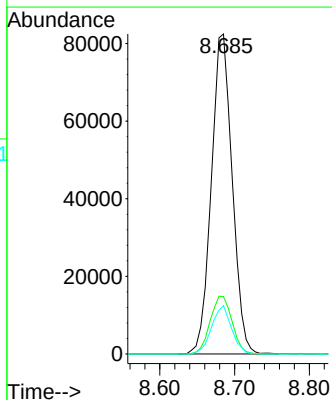
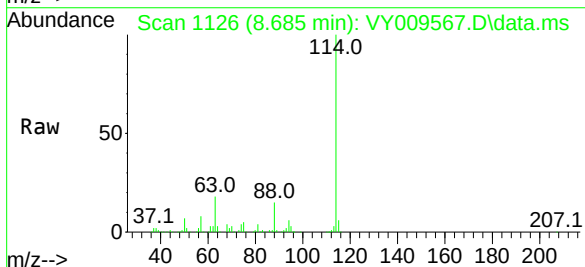
Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16181RE

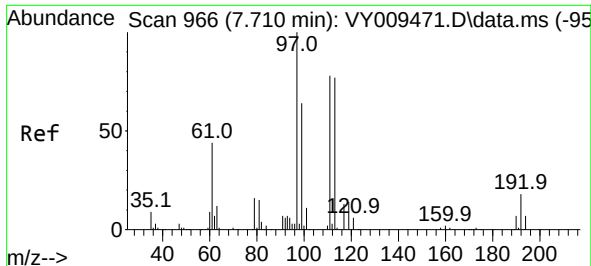
Tgt Ion: 65 Resp: 36392
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY009567.D
 Acq: 14 Jul 2022 16:30

Tgt Ion: 114 Resp: 160029
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.2
 88 15.1 0.0 31.8

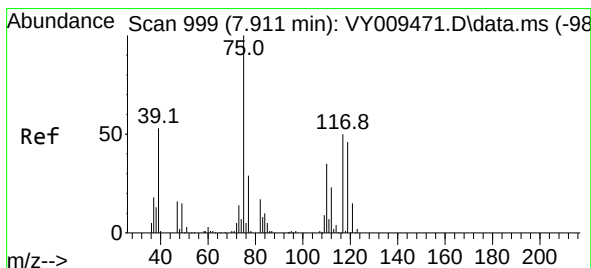
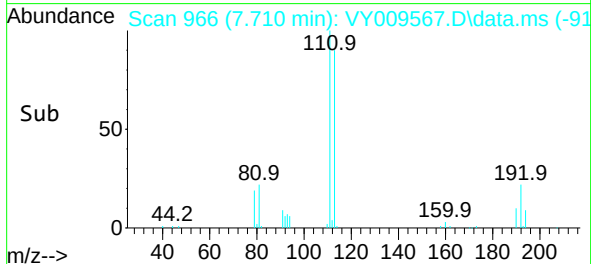
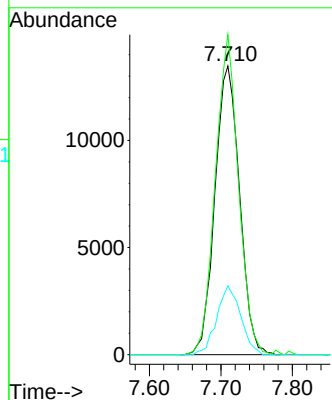
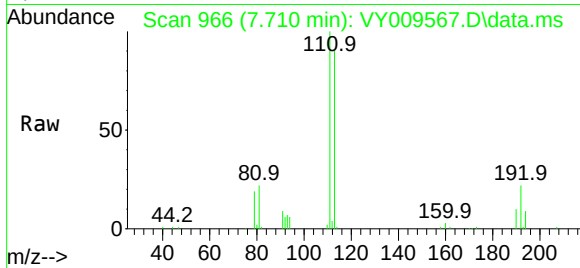




#35
Dibromofluoromethane
Concen: 38.299 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

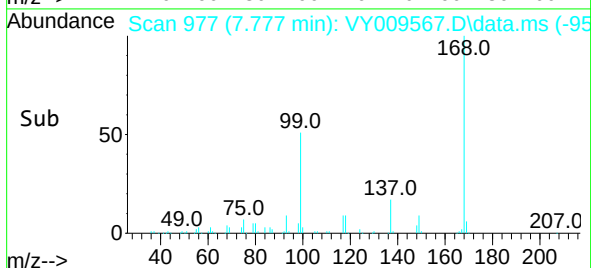
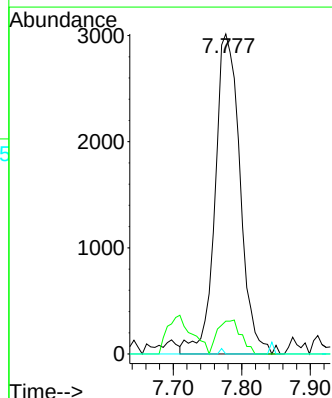
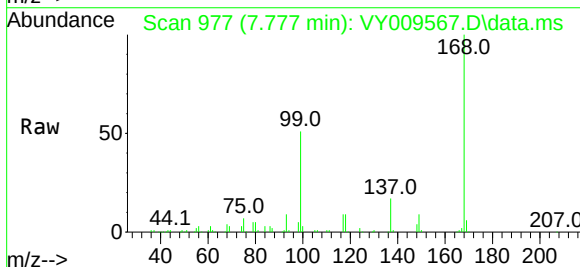
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

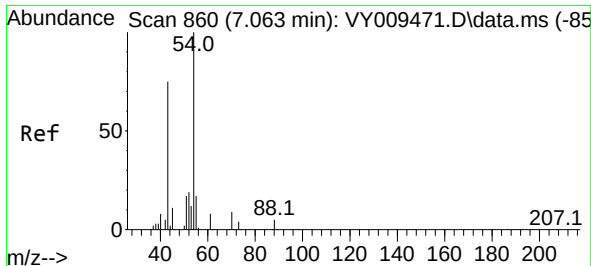
Tgt Ion:113 Resp: 32249
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 23.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.559 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 75 Resp: 7621
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.2 24.4 36.6#





#37

Ethyl Acetate

Concen: 39.821 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VB16181RE

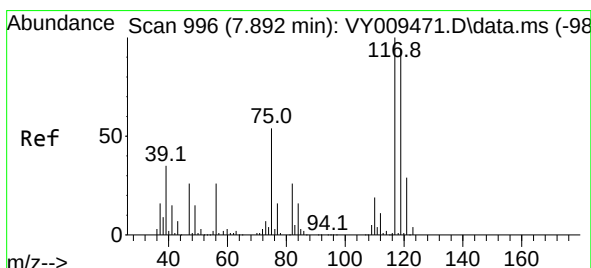
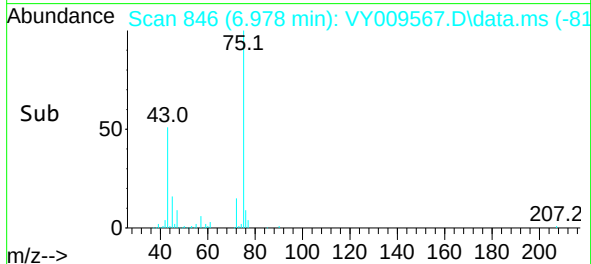
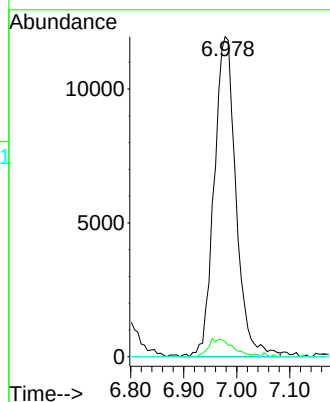
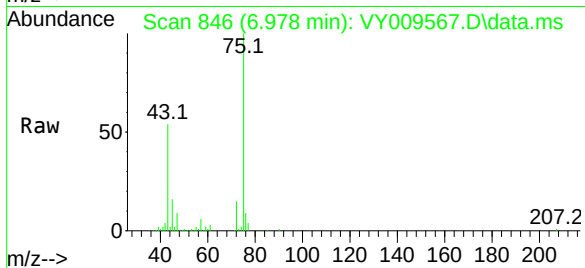
Tgt Ion: 43 Resp: 34218

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.398 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

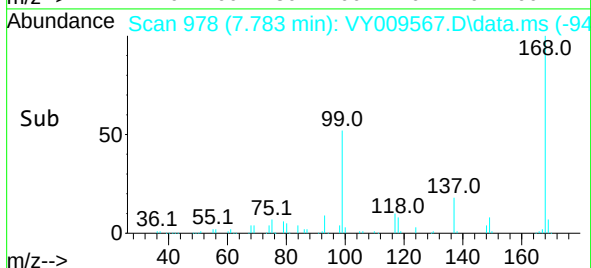
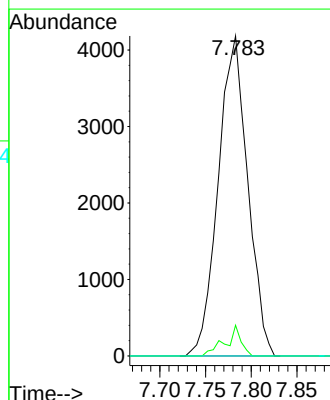
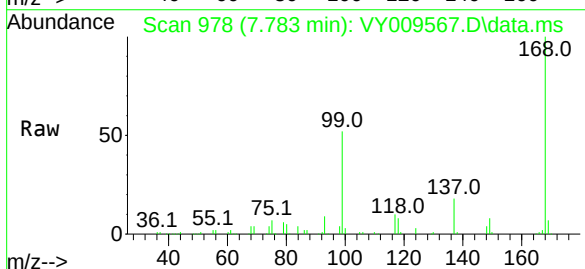
Tgt Ion: 117 Resp: 9380

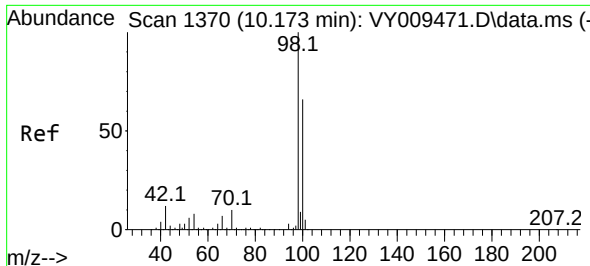
Ion Ratio Lower Upper

117 100

119 9.6 77.9 116.9#

121 0.0 24.8 37.2#

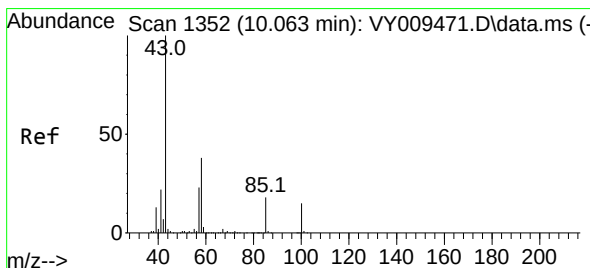
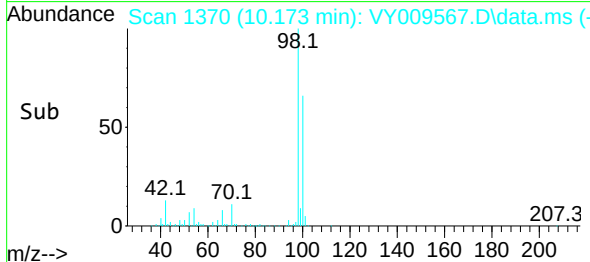
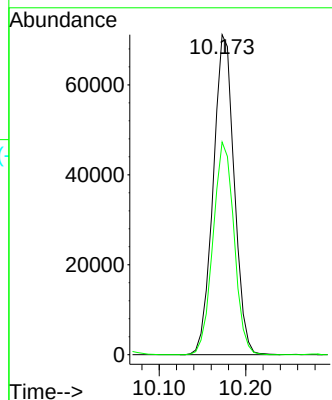
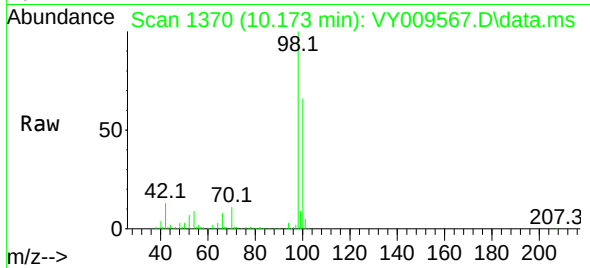




#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

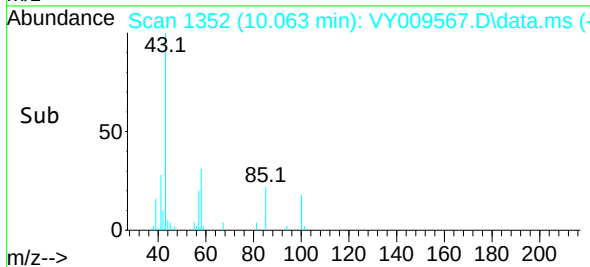
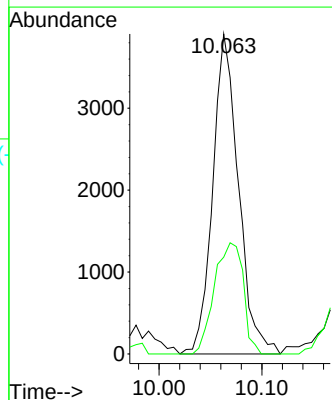
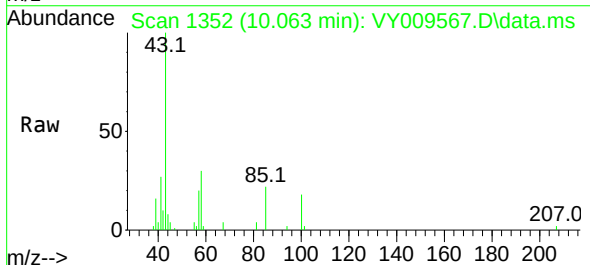
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

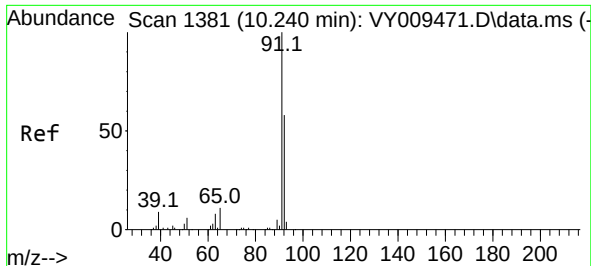
Tgt Ion: 98 Resp: 119825
Ion Ratio Lower Upper
98 100
100 66.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 8.054 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 43 Resp: 6791
Ion Ratio Lower Upper
43 100
58 39.0 28.1 42.1

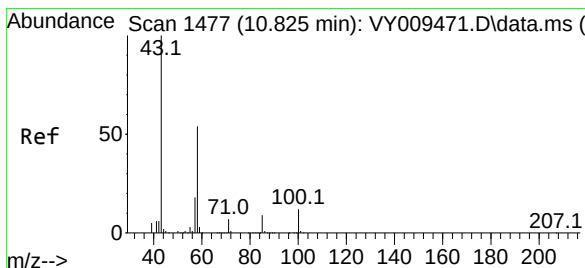
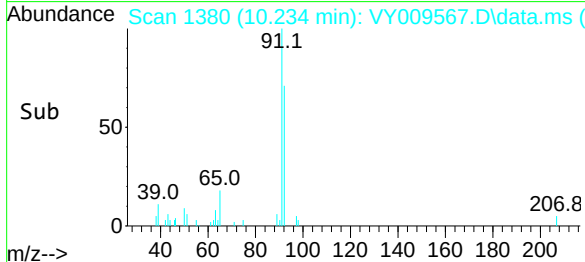
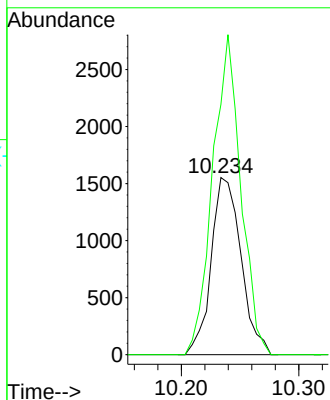
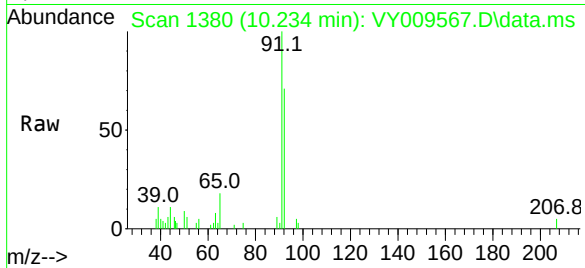




#52
Toluene
Concen: 1.069 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

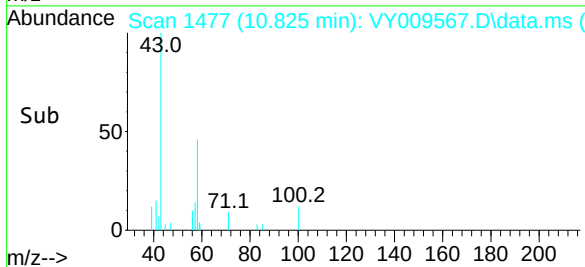
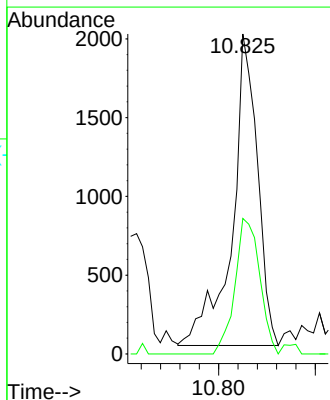
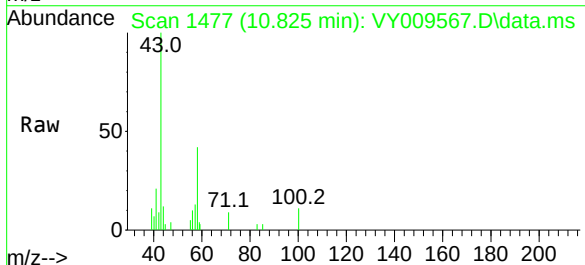
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

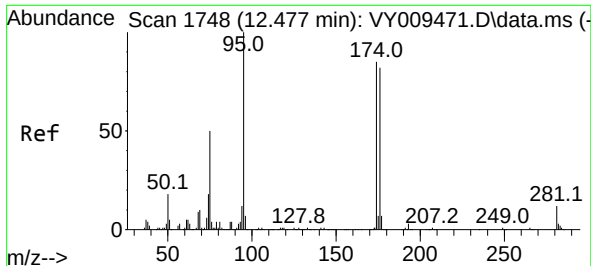
Tgt Ion: 92 Resp: 2741
Ion Ratio Lower Upper
92 100
91 170.5 142.6 213.8



#59
2-Hexanone
Concen: 6.153 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 43 Resp: 3595
Ion Ratio Lower Upper
43 100
58 42.4 24.4 73.4

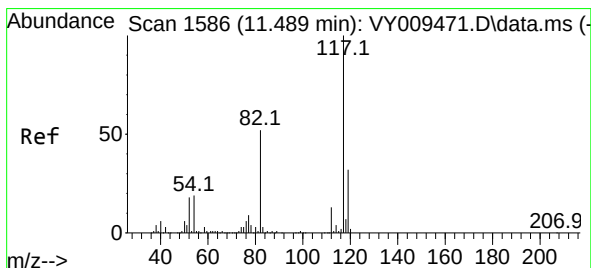
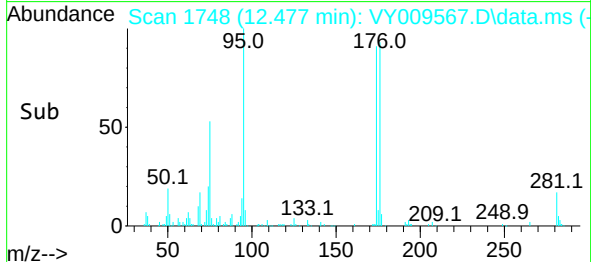
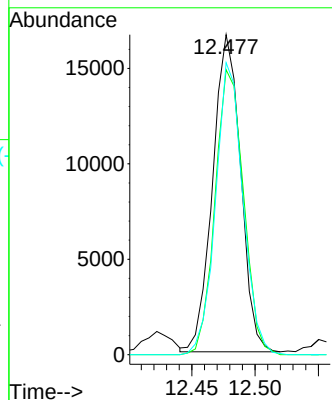
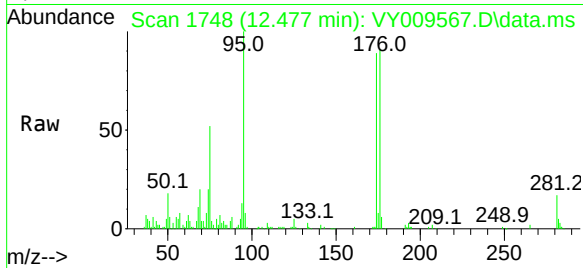




#62
4-Bromofluorobenzene
Concen: 21.457 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

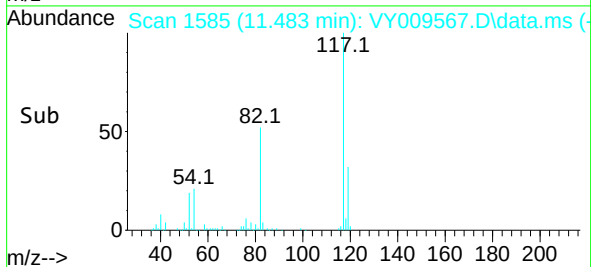
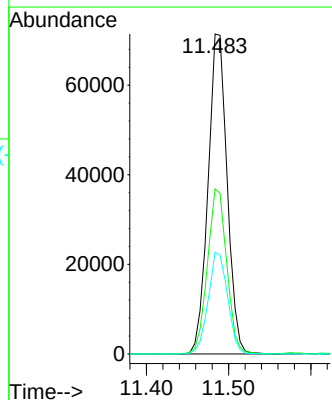
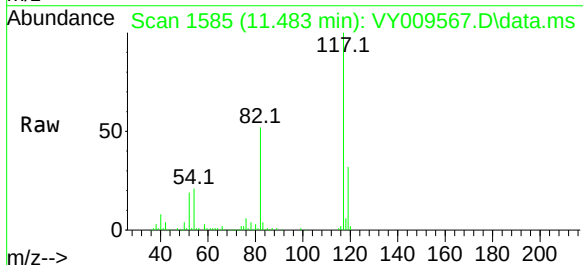
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

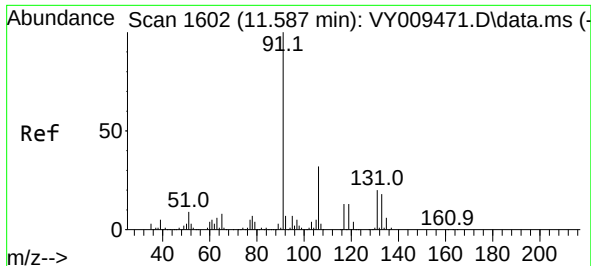
Tgt Ion:	95	Resp:	25504
Ion Ratio	Lower	Upper	
95	100		
174	91.2	0.0	177.0
176	89.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion:	117	Resp:	115078
Ion Ratio	Lower	Upper	
117	100		
82	51.5	43.0	64.4
119	31.8	25.4	38.0

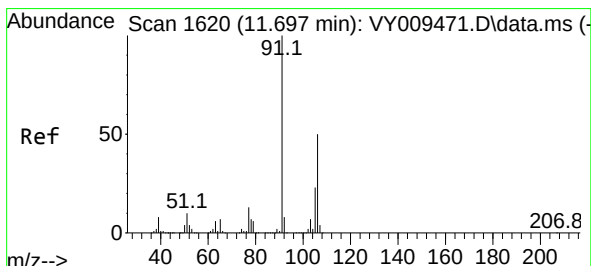
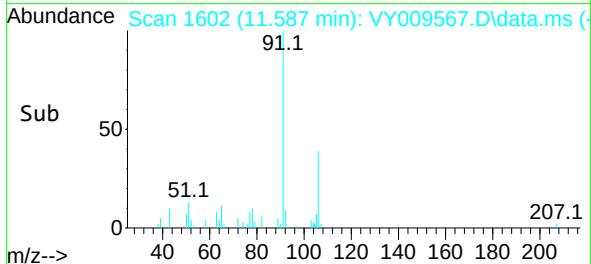
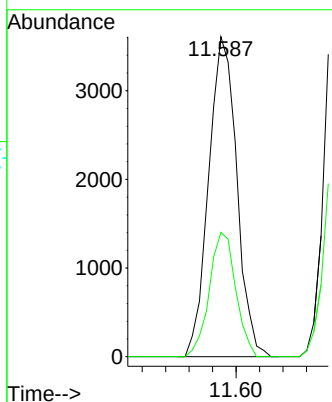
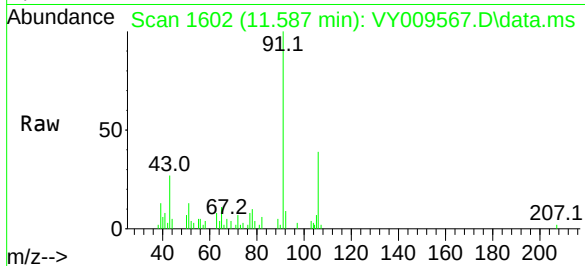




#67
Ethyl Benzene
Concen: 1.521 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

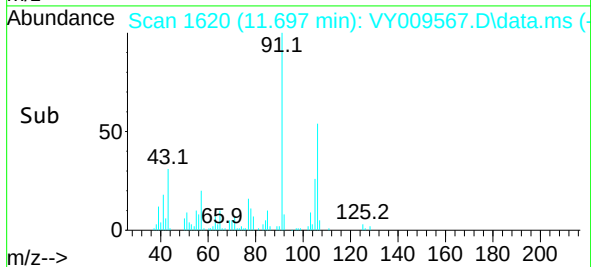
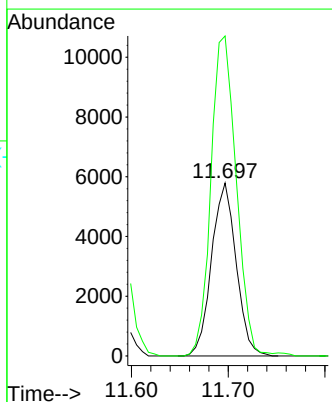
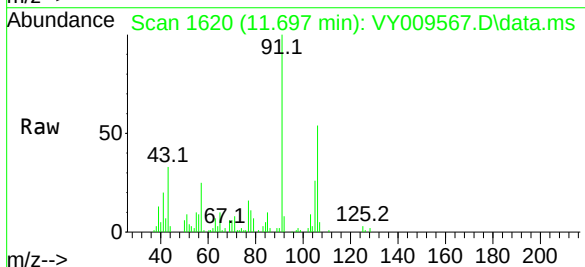
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

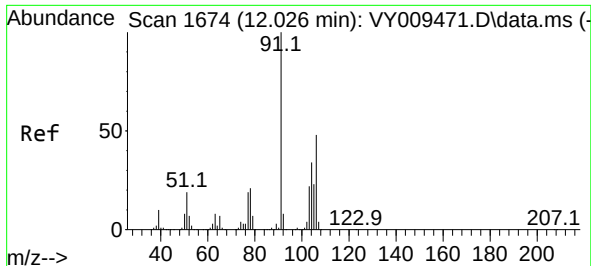
Tgt Ion: 91 Resp: 6003
Ion Ratio Lower Upper
91 100
106 38.9 24.5 36.7#



#68
m/p-Xylenes
Concen: 6.635 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion:106 Resp: 10210
Ion Ratio Lower Upper
106 100
91 191.2 166.6 249.8

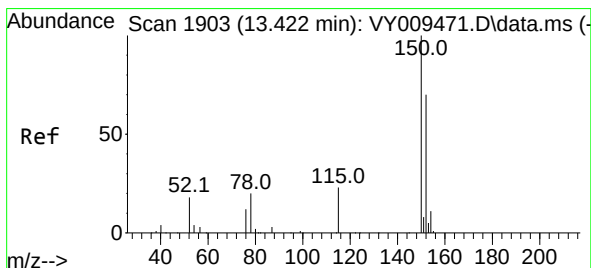
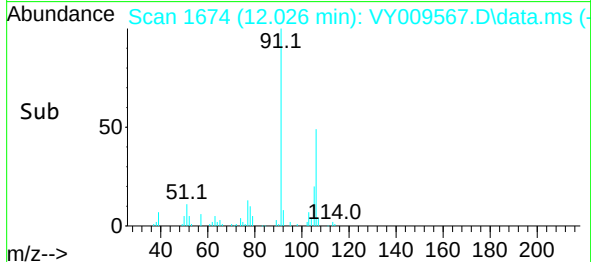
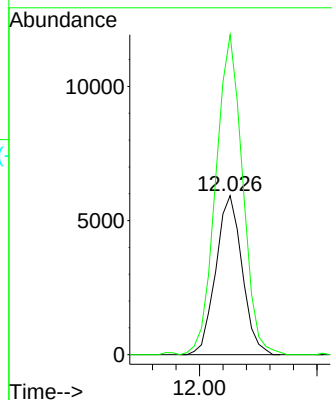
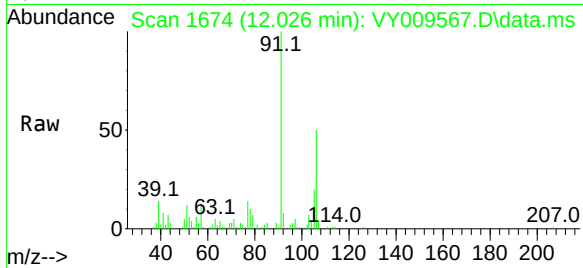




#69
o-Xylene
Concen: 6.248 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

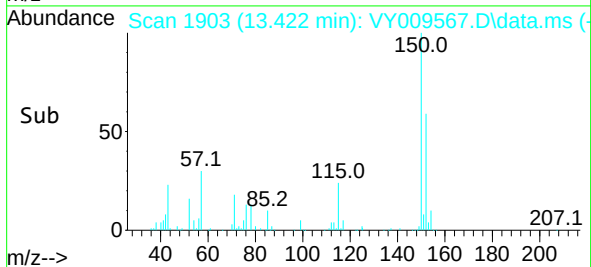
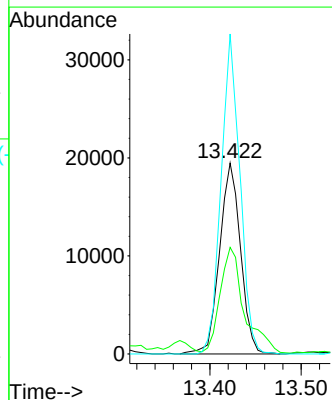
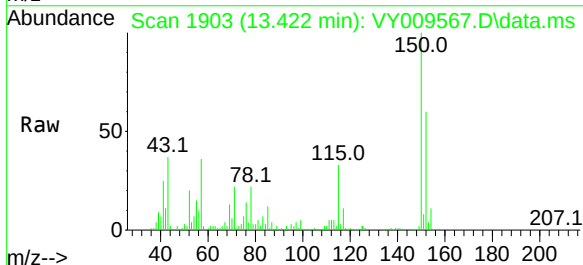
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

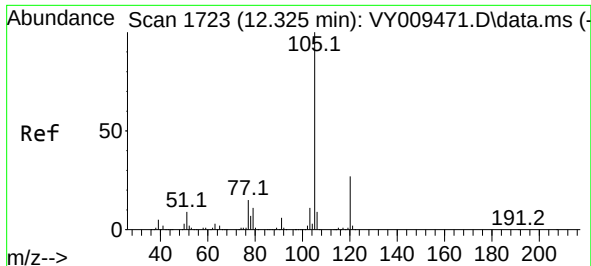
Tgt Ion:106 Resp: 9216
Ion Ratio Lower Upper
106 100
91 205.9 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion:152 Resp: 31093
Ion Ratio Lower Upper
152 100
115 63.7 28.2 84.7
150 151.0 0.0 347.6

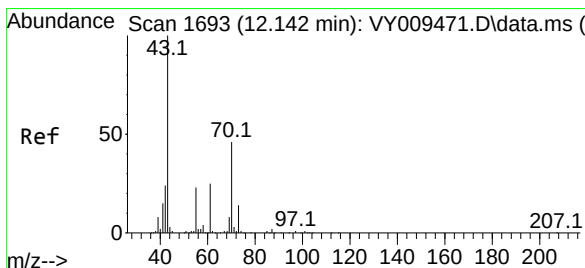
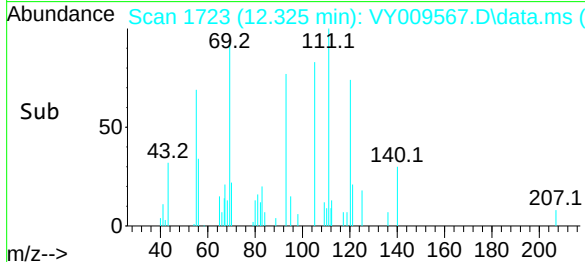
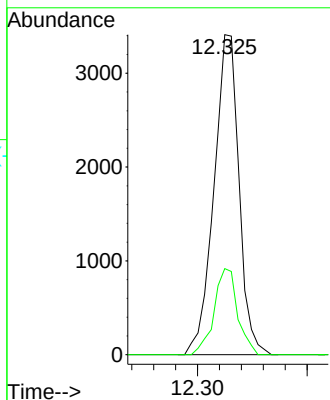
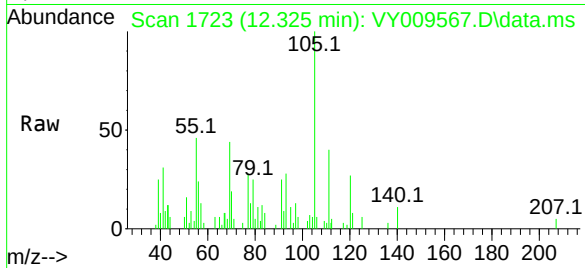




#73
Isopropylbenzene
Concen: 2.545 ug/l
RT: 12.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

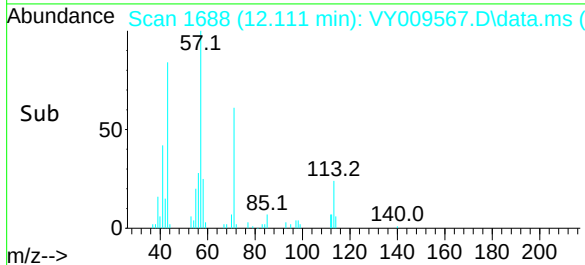
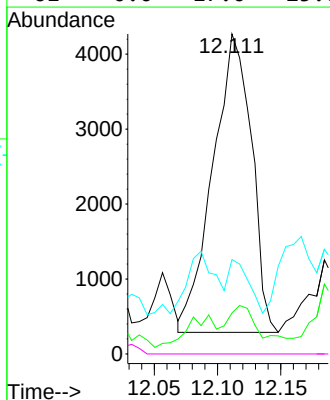
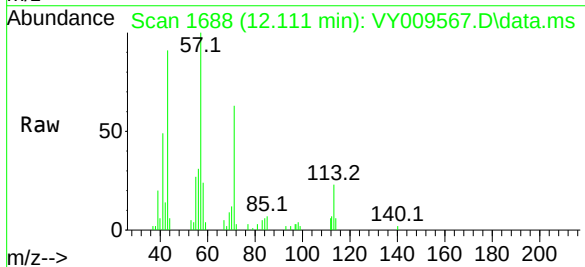
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

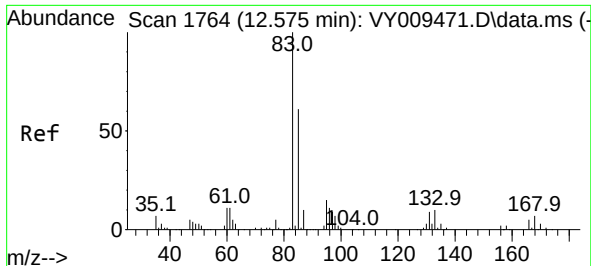
Tgt Ion:105 Resp: 5411
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.2



#74
N-ethyl acetate
Concen: 13.980 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. -0.031 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 43 Resp: 8458
Ion Ratio Lower Upper
43 100
70 6.9 28.7 43.1#
55 9.0 17.3 25.9#
61 0.0 17.0 25.6#

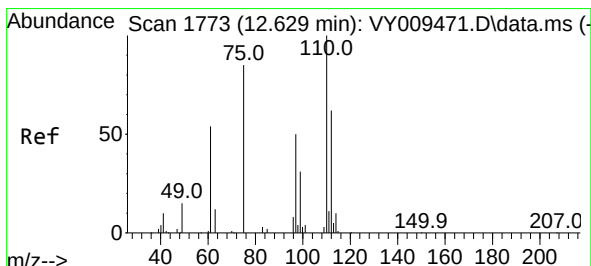
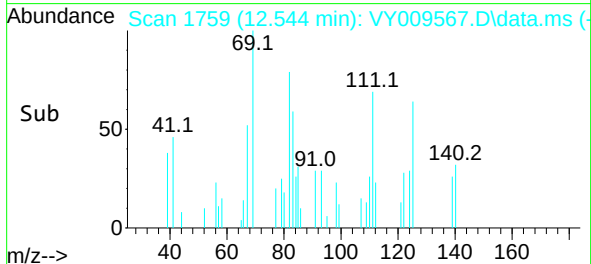
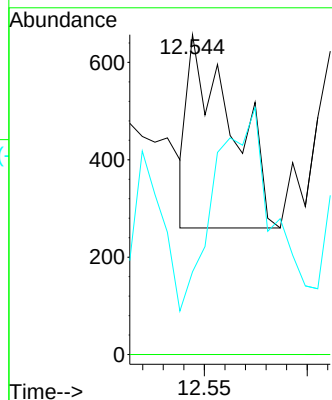
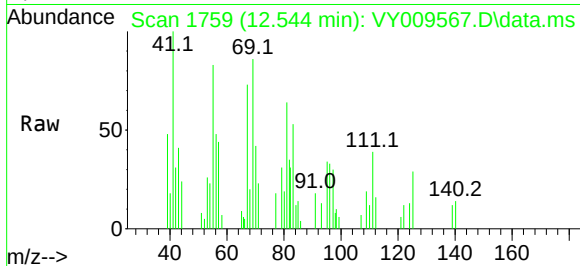




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.362 ug/l
 RT: 12.544 min Scan# 1790
 Delta R.T. -0.031 min
 Lab File: VY009567.D
 Acq: 14 Jul 2022 16:30

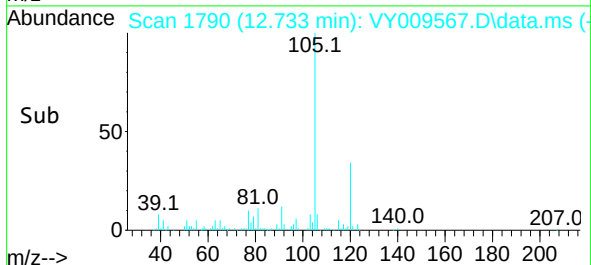
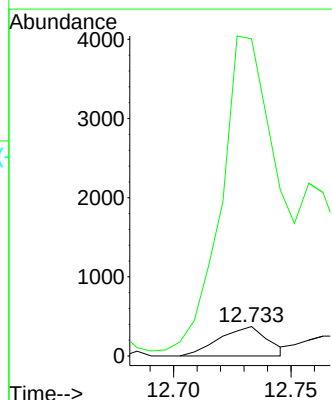
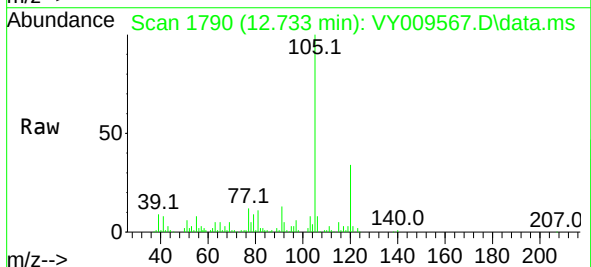
Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16181RE

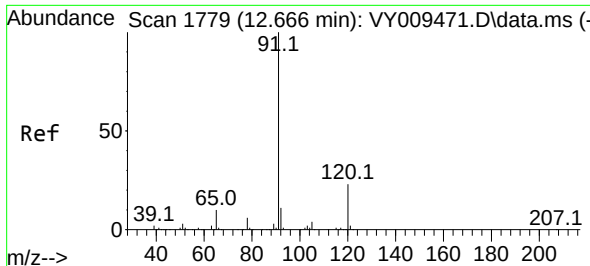
Tgt Ion: 83 Resp: 580
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 1.619 ug/l
 RT: 12.733 min Scan# 1790
 Delta R.T. 0.104 min
 Lab File: VY009567.D
 Acq: 14 Jul 2022 16:30

Tgt Ion: 75 Resp: 533
 Ion Ratio Lower Upper
 75 100
 77 1239.0 0.0 0.0#

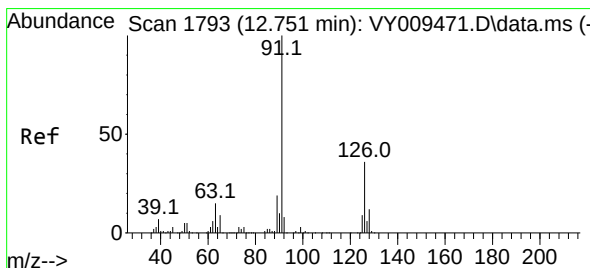
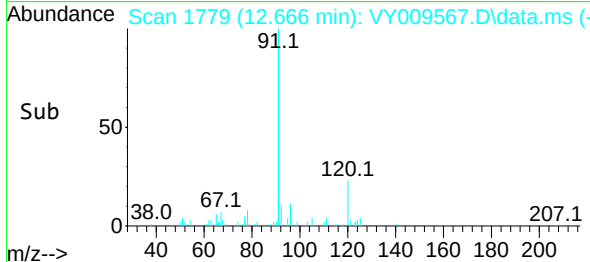
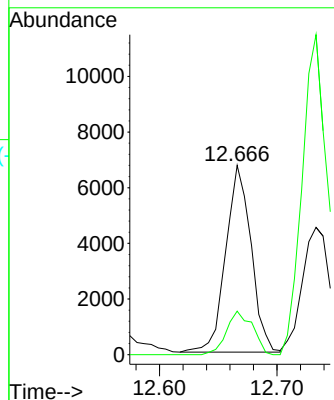
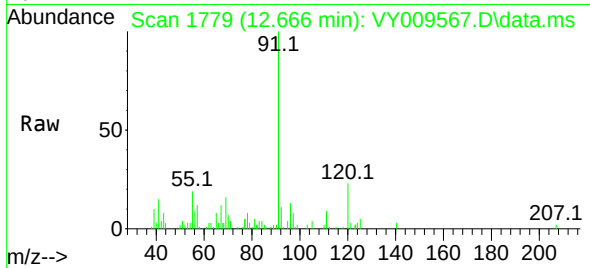




#78
n-propylbenzene
Concen: 3.925 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

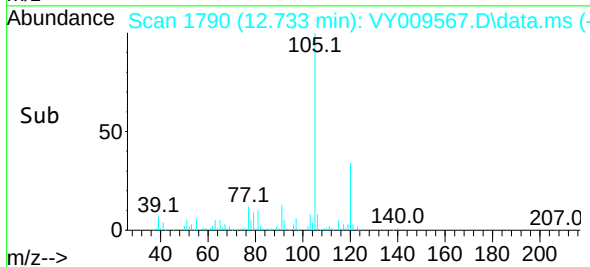
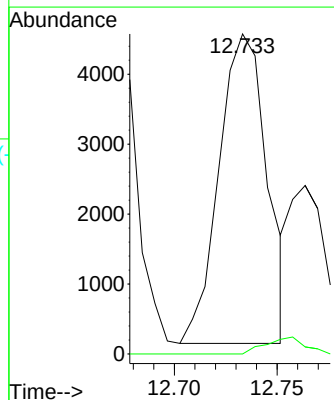
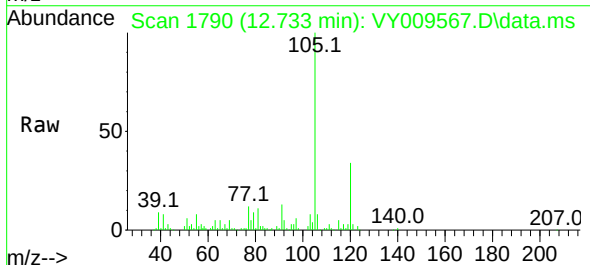
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

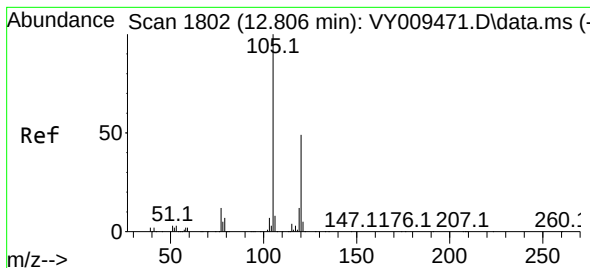
Tgt Ion: 91 Resp: 10083
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9



#79
2-Chlorotoluene
Concen: 5.014 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 91 Resp: 7212
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#





#80

1,3,5-Trimethylbenzene

Concen: 24.643 ug/l

RT: 12.806 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

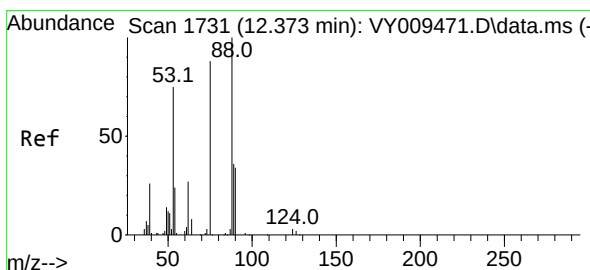
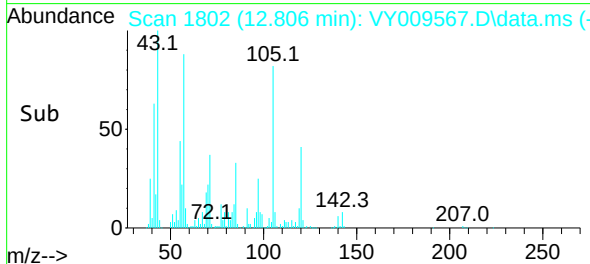
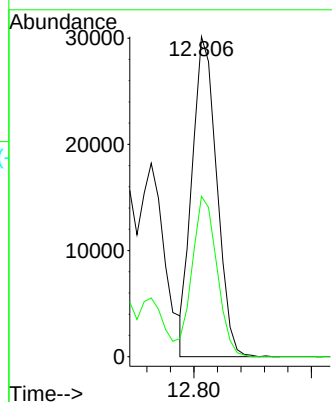
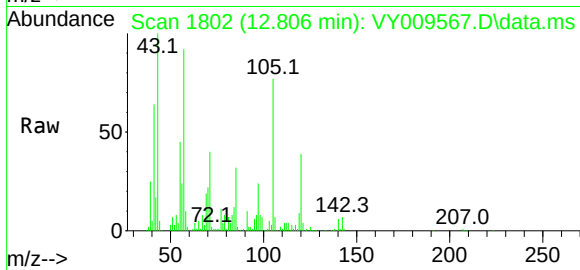
VB16181RE

Tgt Ion:105 Resp: 43801

Ion Ratio Lower Upper

105 100

120 51.2 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 84.933 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

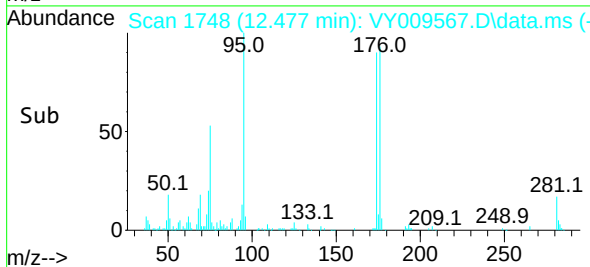
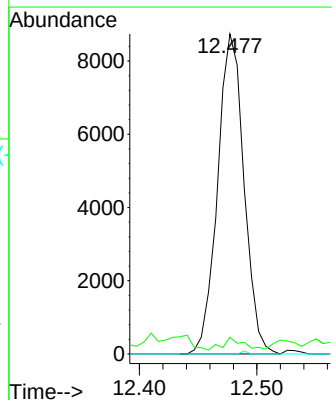
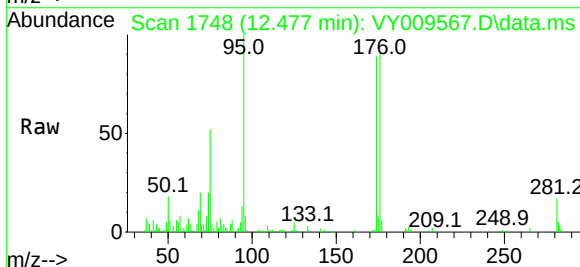
Tgt Ion: 75 Resp: 13659

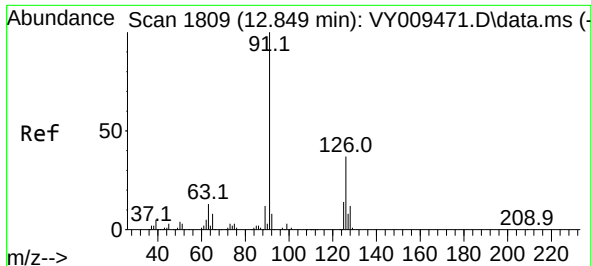
Ion Ratio Lower Upper

75 100

53 3.0 85.3 127.9#

89 0.2 37.0 55.4#

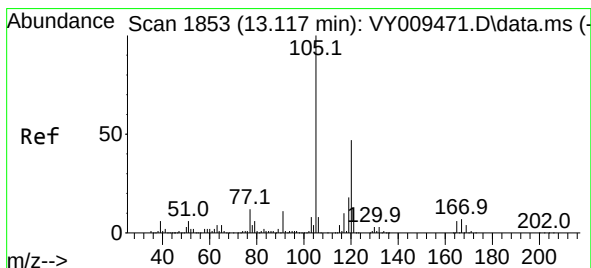
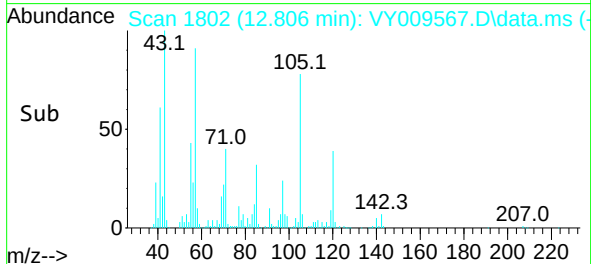
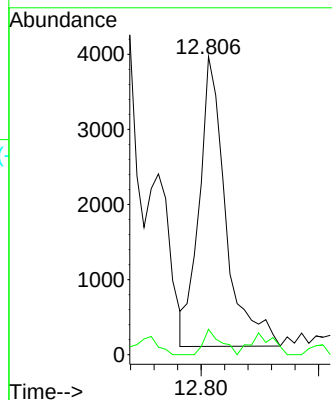
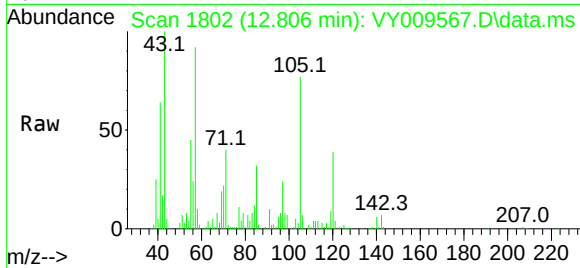




#82
4-Chlorotoluene
Concen: 4.016 ug/l
RT: 12.806 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

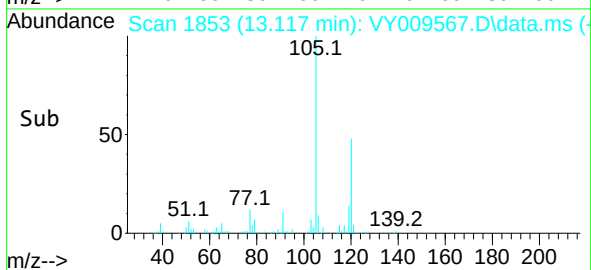
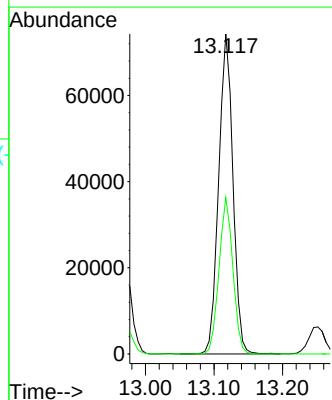
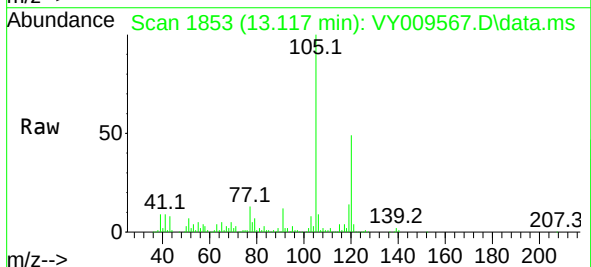
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

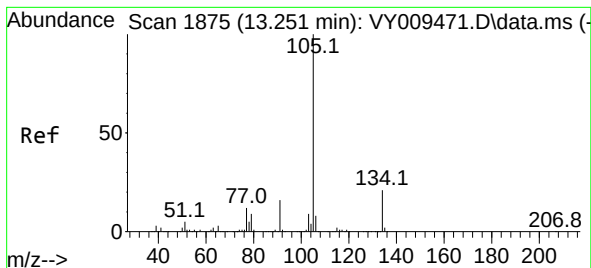
Tgt Ion: 91 Resp: 6053
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#84
1,2,4-Trimethylbenzene
Concen: 60.414 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 105 Resp: 106882
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.541 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

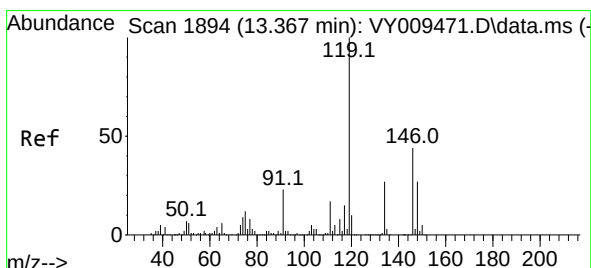
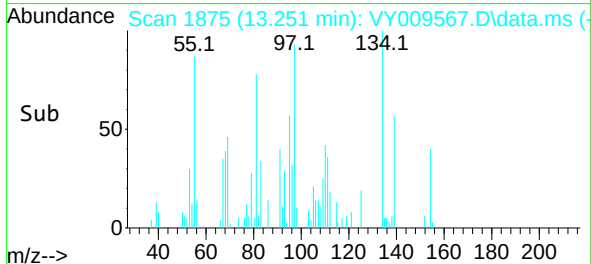
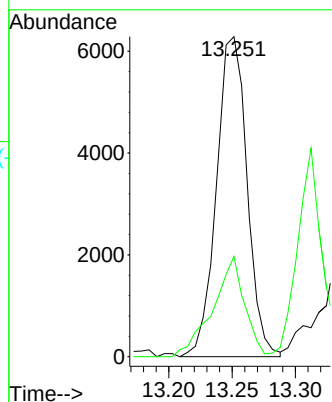
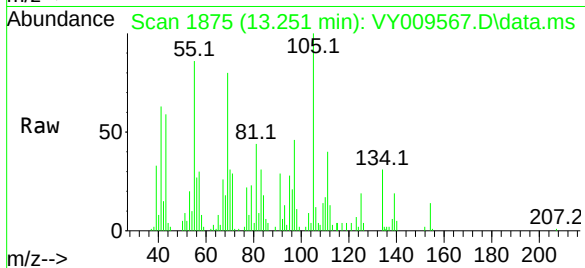
VB16181RE

Tgt Ion:105 Resp: 10576

Ion Ratio Lower Upper

105 100

134 32.3 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 1.630 ug/l

RT: 13.526 min Scan# 1920

Delta R.T. 0.159 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

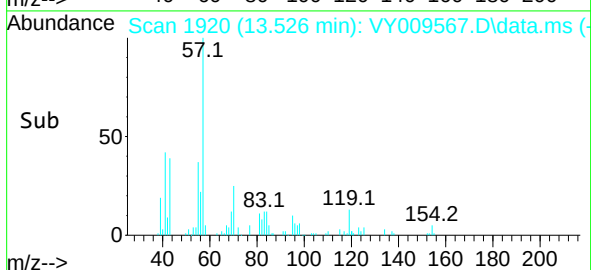
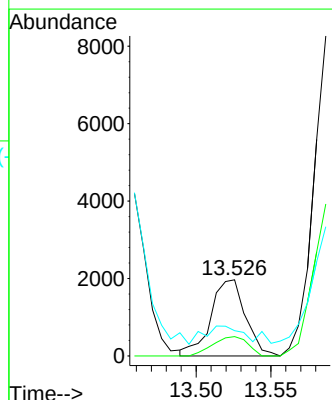
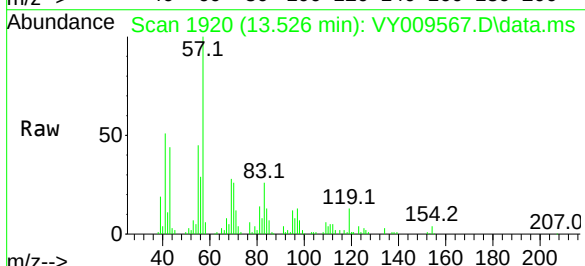
Tgt Ion:119 Resp: 3165

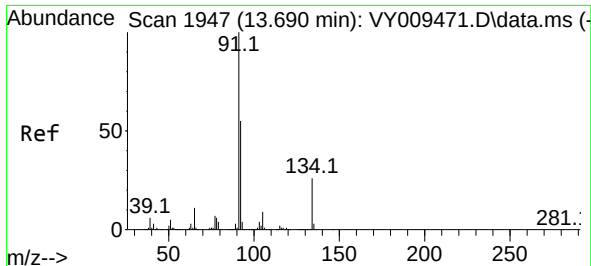
Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.5

91 29.5 12.4 37.2





#89

n-Butylbenzene

Concen: 5.080 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VB16181RE

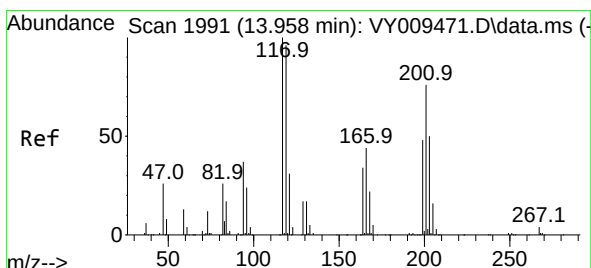
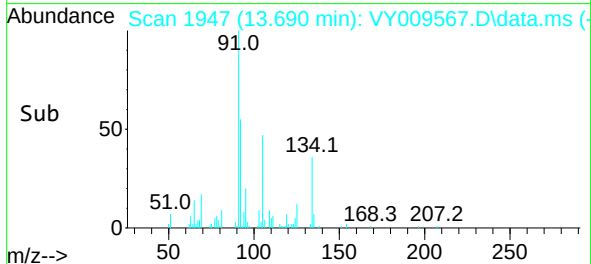
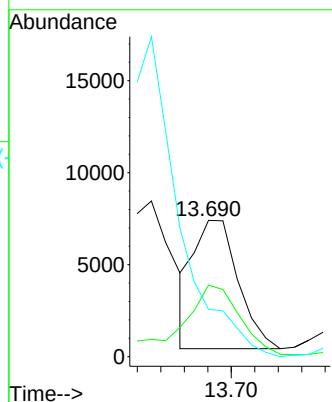
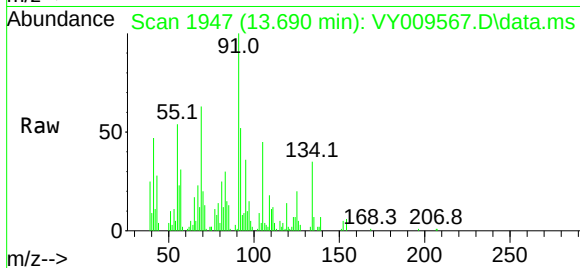
Tgt Ion: 91 Resp: 9208

Ion Ratio Lower Upper

91 100

92 74.6 26.3 78.9

134 0.0 13.0 38.9#



#90

Hexachloroethane

Concen: 15.810 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.013 min

Lab File: VY009567.D

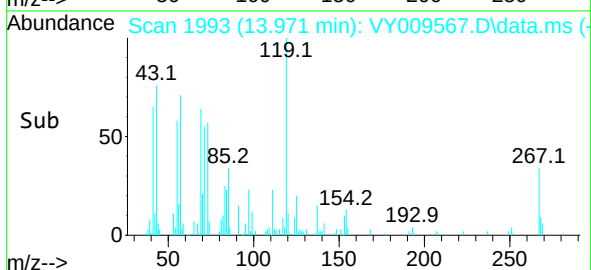
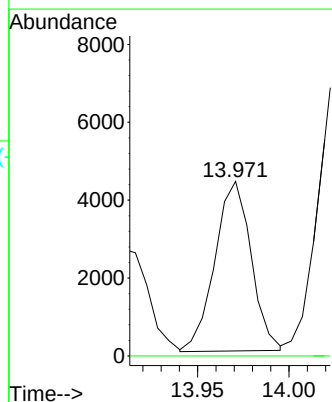
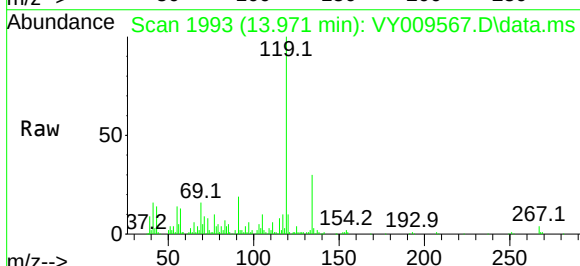
Acq: 14 Jul 2022 16:30

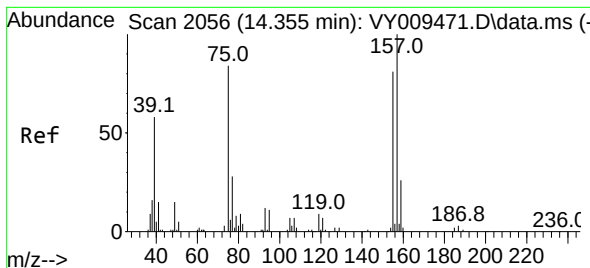
Tgt Ion: 117 Resp: 6022

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#

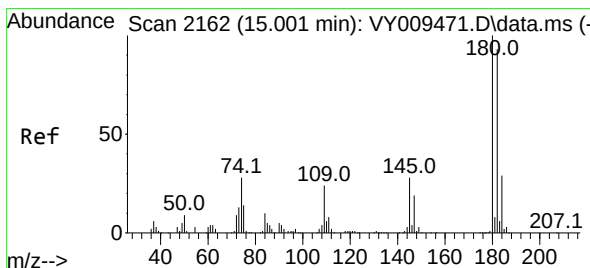
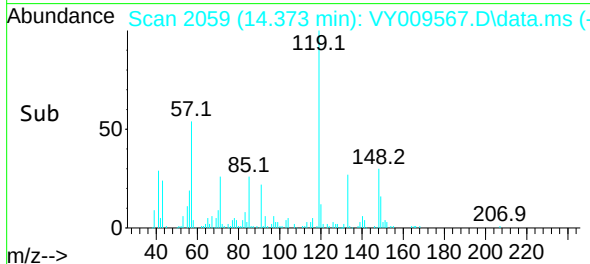
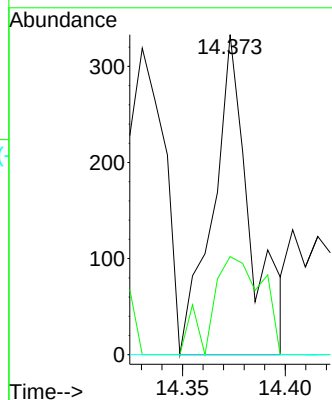
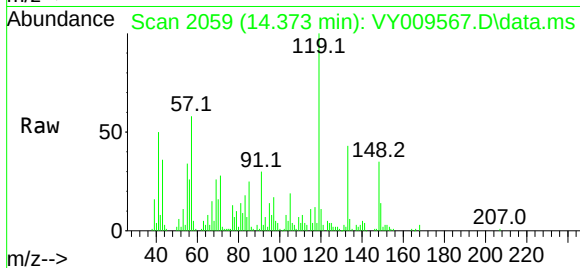




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.615 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.018 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

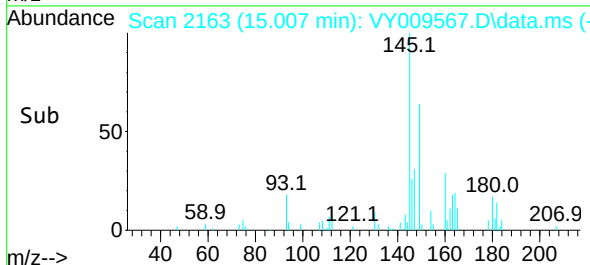
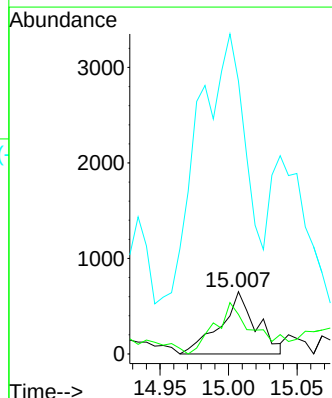
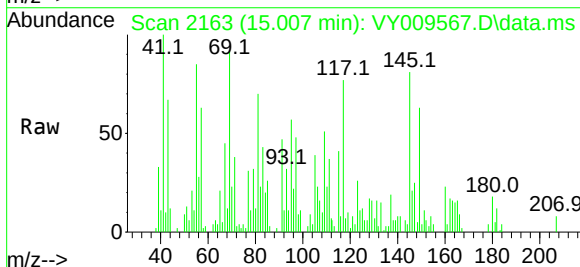
Instrument :
MSVOA_Y
ClientSampleId :
VB16181RE

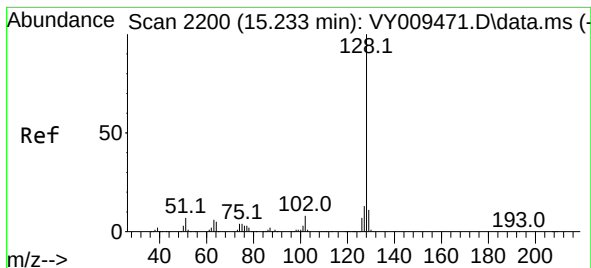
Tgt Ion: 75 Resp: 419
Ion Ratio Lower Upper
75 100
155 41.8 38.0 113.9
157 0.0 47.8 143.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.063 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY009567.D
Acq: 14 Jul 2022 16:30

Tgt Ion: 180 Resp: 1178
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 777.7 14.6 43.8#





#95

Naphthalene

Concen: 51.103 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VB16181RE

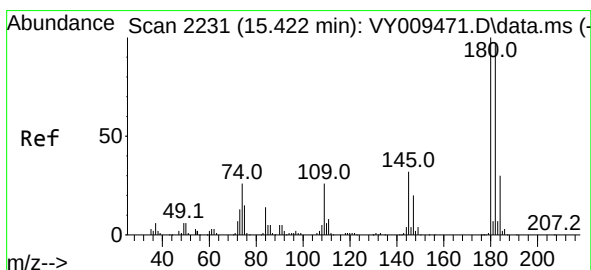
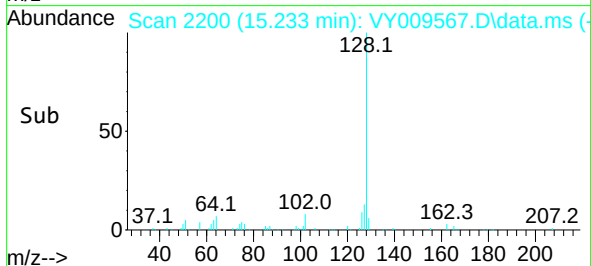
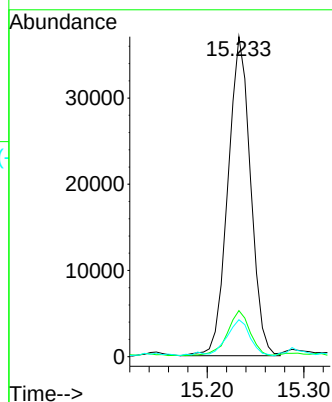
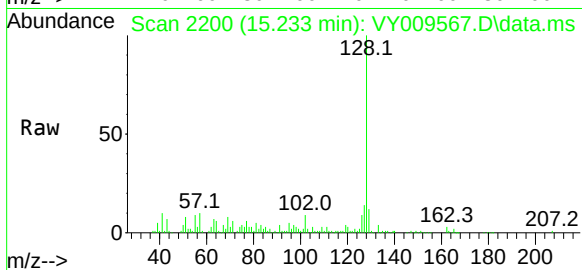
Tgt Ion:128 Resp: 60333

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 2.014 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY009567.D

Acq: 14 Jul 2022 16:30

Tgt Ion:180 Resp: 996

Ion Ratio Lower Upper

180 100

182 117.8 47.3 141.9

145 302.6 15.3 45.9#

