

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011419.D
 Acq On : 11 Nov 2022 15:25
 Operator : KP/MD
 Sample : N5561-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-25

Quant Time: Nov 11 15:49:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

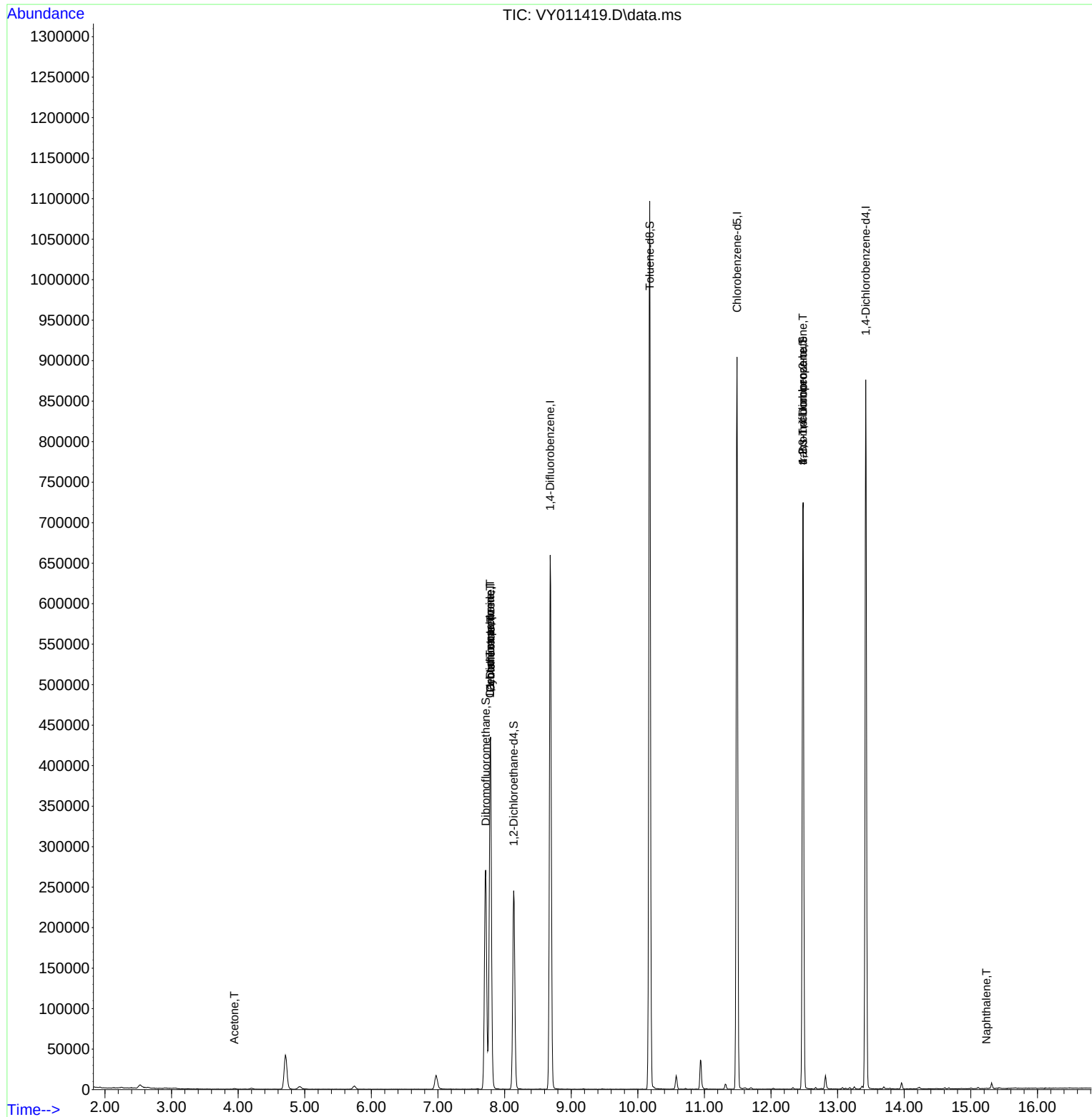
Internal Standards						
1) Pentafluorobenzene	7.789	168	354055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	590624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	524934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	188075	63.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.780%	
35) Dibromofluoromethane	7.716	113	194586	58.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.580%	
50) Toluene-d8	10.179	98	739501	58.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.960%	
62) 4-Bromofluorobenzene	12.477	95	235372	53.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	54	Below Cal	#	43
11) Tert butyl alcohol	4.917	59	3398	Below Cal	#	77
16) Acetone	3.942	43	1360	1.737	ug/l	94
18) Methyl Acetate	4.722	43	114	Below Cal	#	56
31) Cyclohexane	7.789	56	5988	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24500	4.769	ug/l #	51
38) Carbon Tetrachloride	7.783	117	33660	6.023	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	111643	40.392	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	111643	97.090	ug/l #	7
95) Naphthalene	15.233	128	536	3.331	ug/l #	69

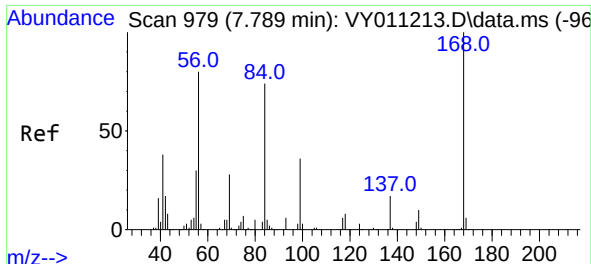
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 10 17:47:26 2022
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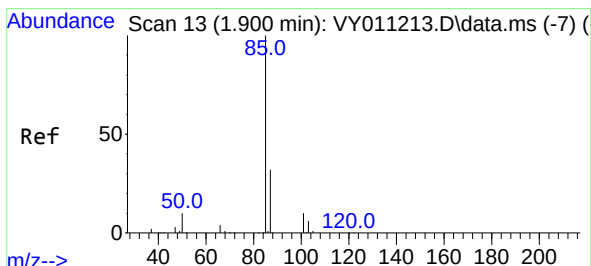
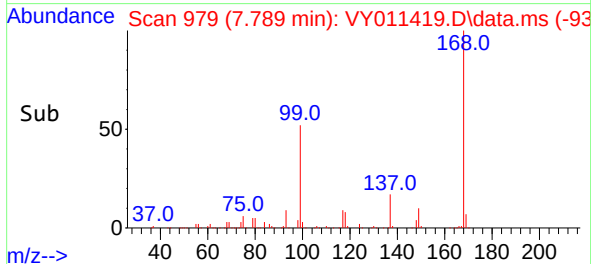
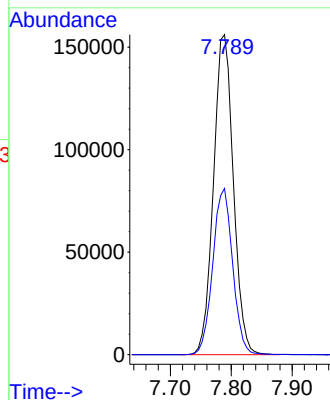
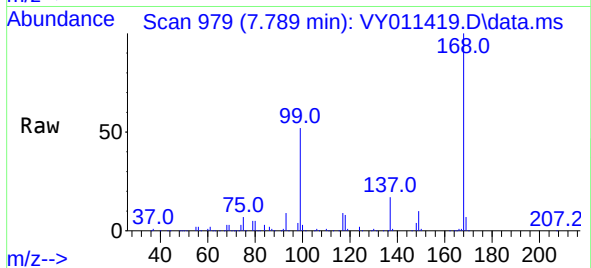




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

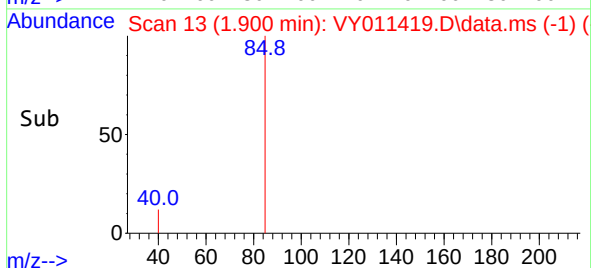
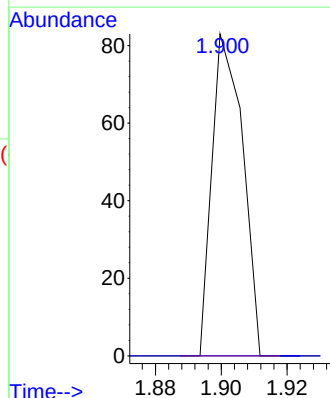
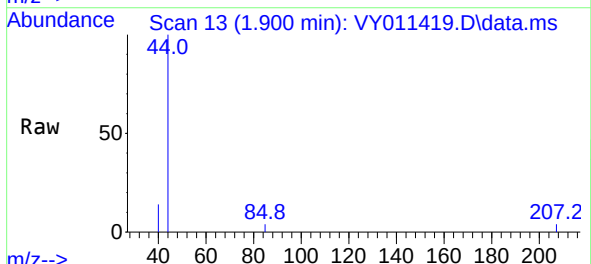
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

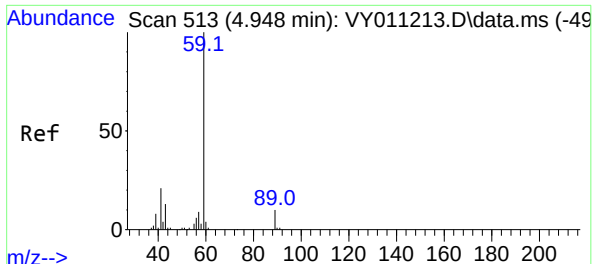
Tgt Ion:168 Resp: 354055
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

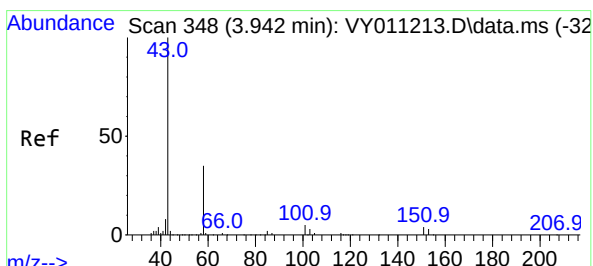
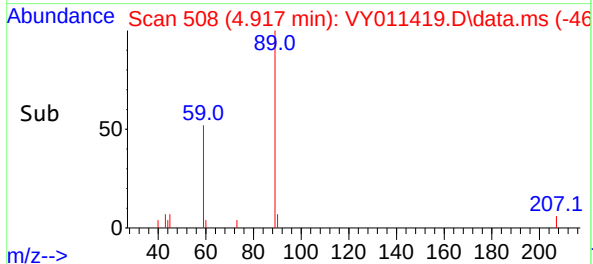
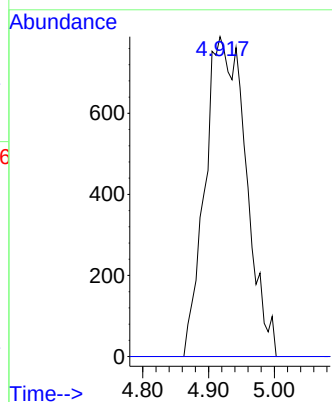
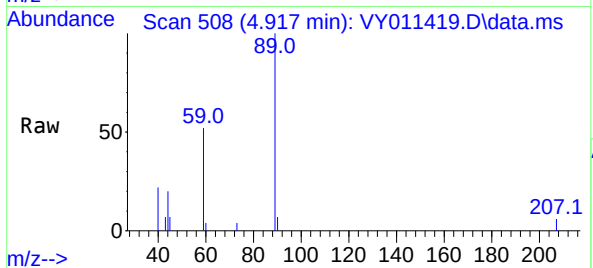




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

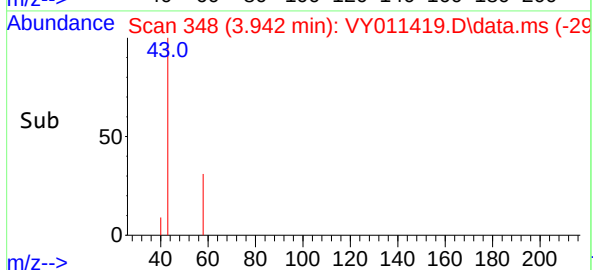
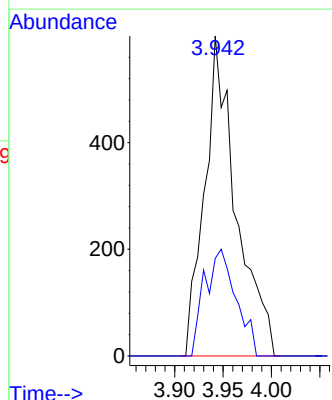
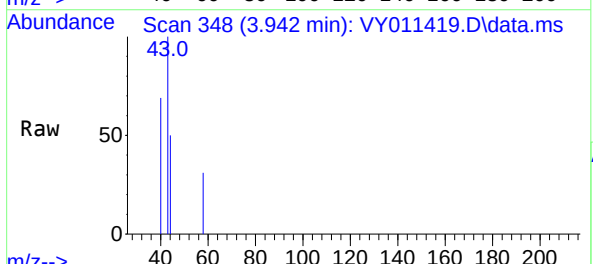
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

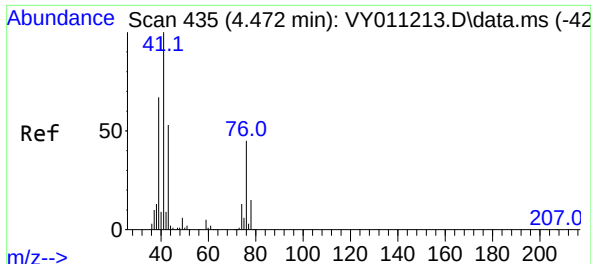
Tgt Ion: 59 Resp: 3398
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.737 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0

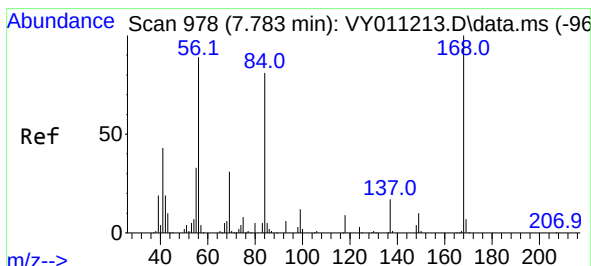
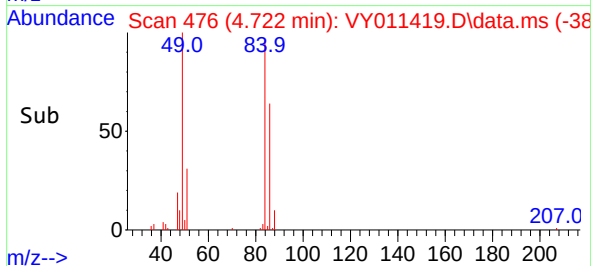
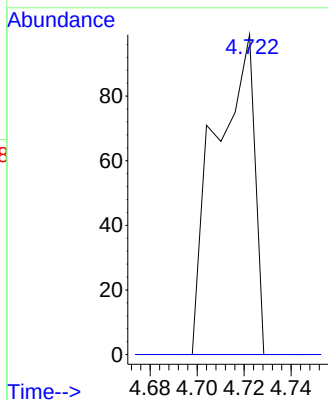
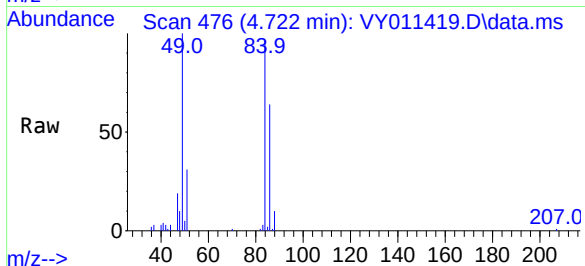




#18
Methyl Acetate
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.249 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

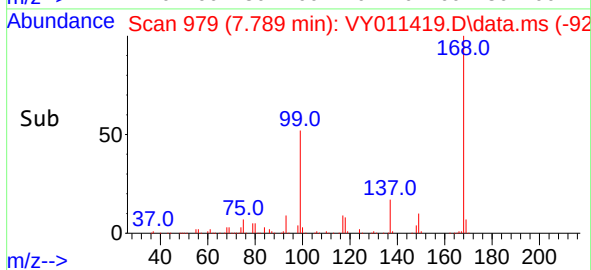
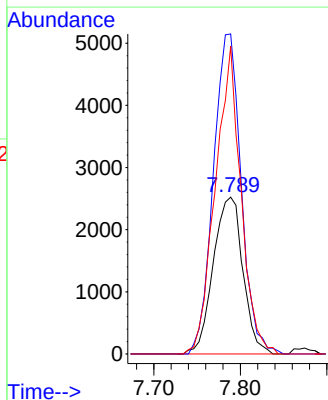
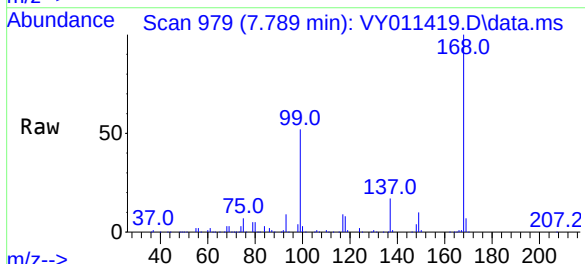
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

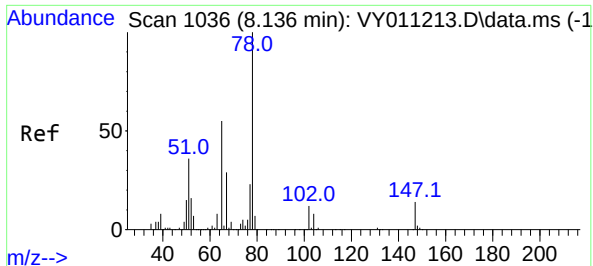
Tgt Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Tgt Ion: 56 Resp: 5988
Ion Ratio Lower Upper
56 100
69 204.1 26.7 40.1#
84 196.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.392 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011419.D

Acq: 11 Nov 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

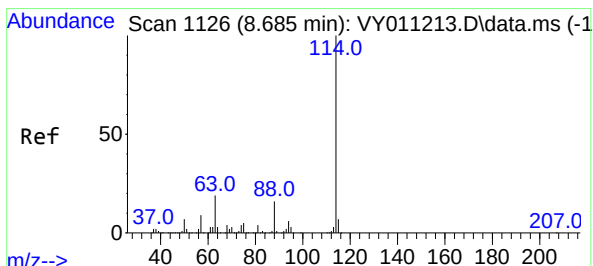
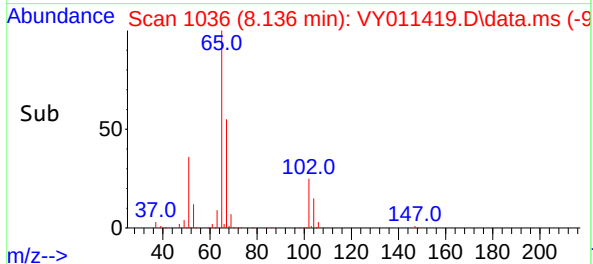
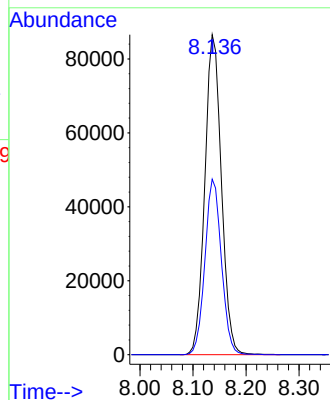
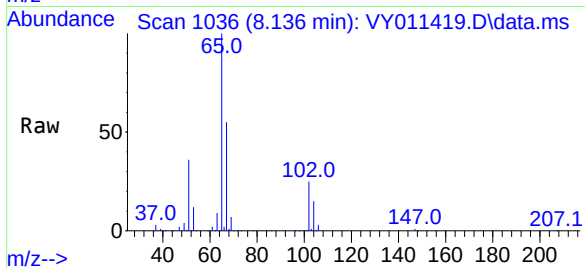
SB-25

Tgt Ion: 65 Resp: 188075

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011419.D

Acq: 11 Nov 2022 15:25

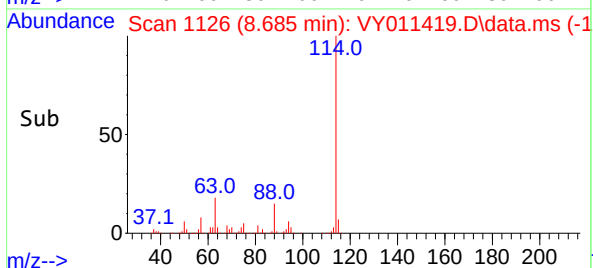
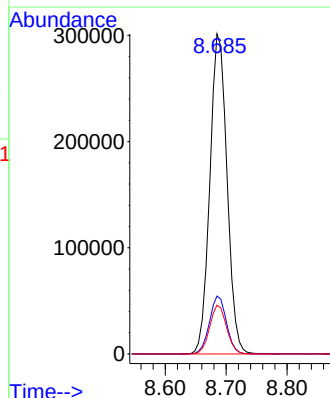
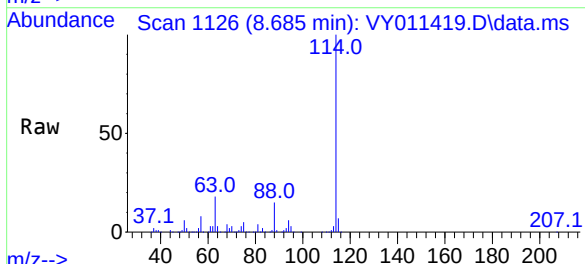
Tgt Ion: 114 Resp: 590624

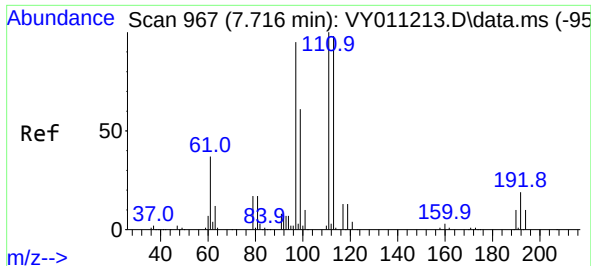
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.3 0.0 31.8

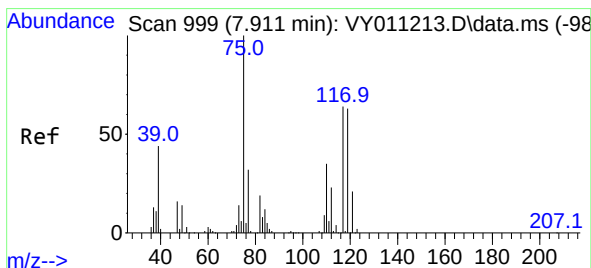
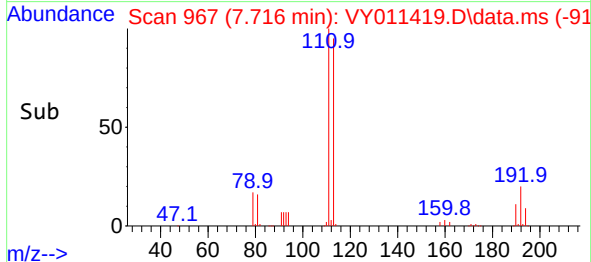
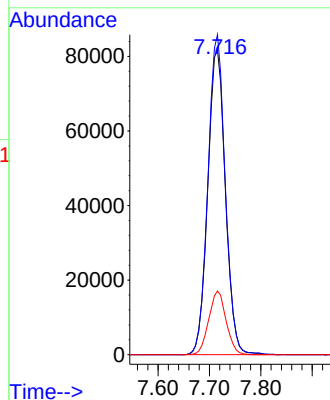
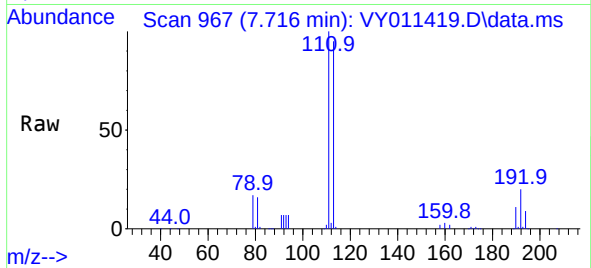




#35
Dibromofluoromethane
Concen: 58.788 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

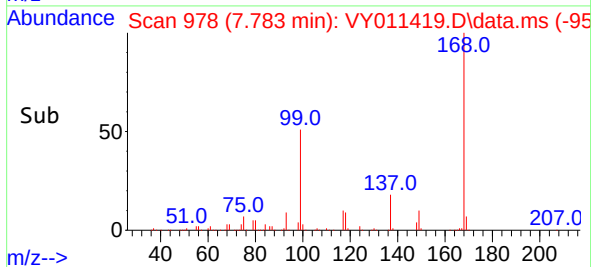
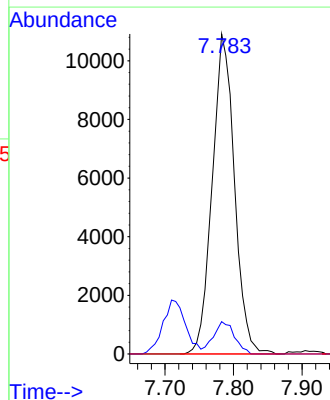
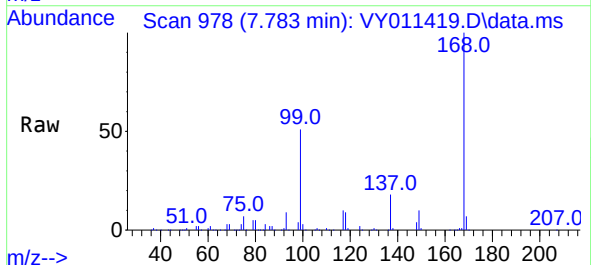
Instrument :
MSVOA_Y
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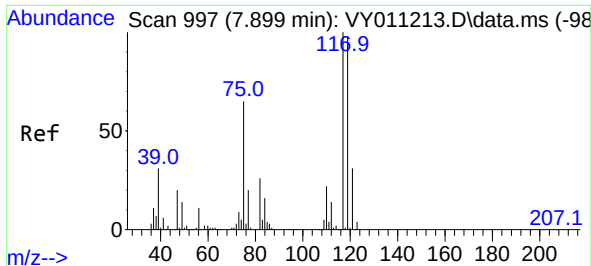
Tgt Ion:113 Resp: 194586
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Tgt Ion: 75 Resp: 24500
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

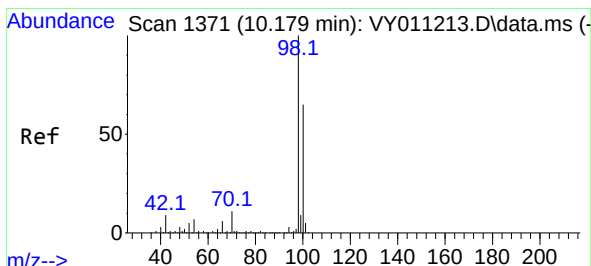
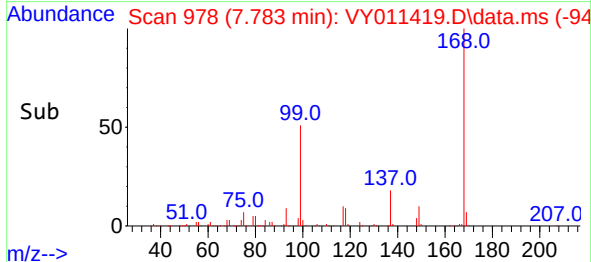
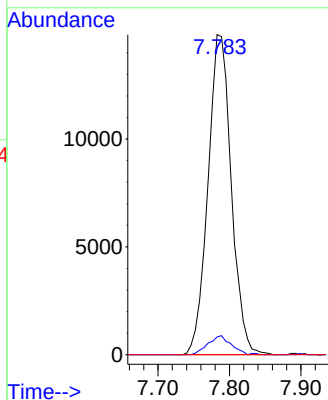
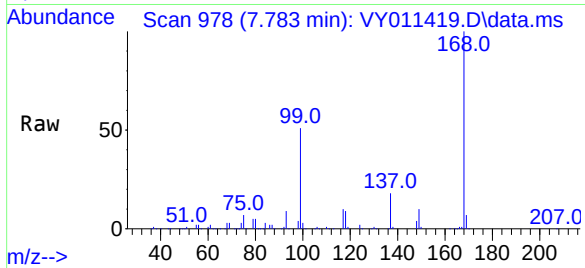




#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

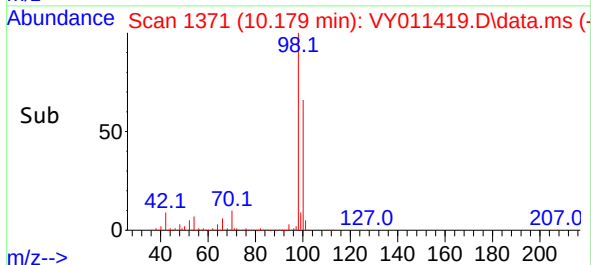
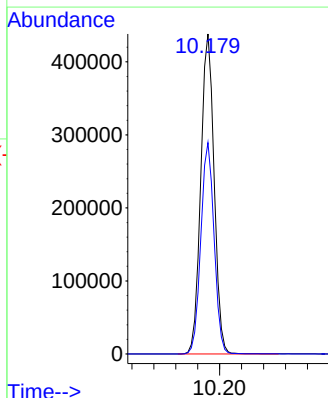
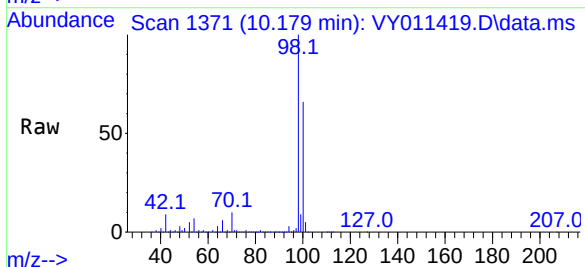
Instrument :
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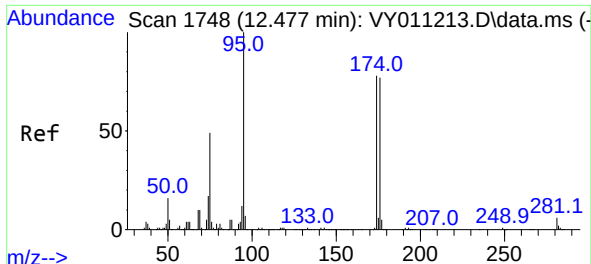
Tgt Ion:117 Resp: 33660
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.481 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Tgt Ion: 98 Resp: 739501
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

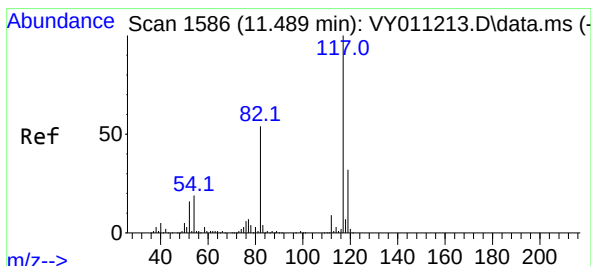
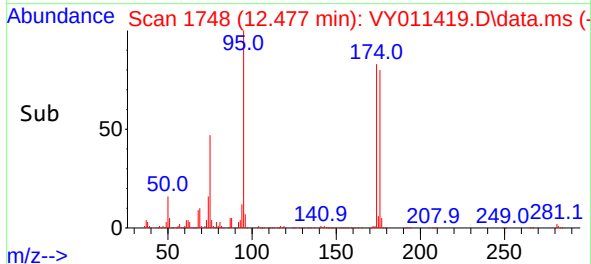
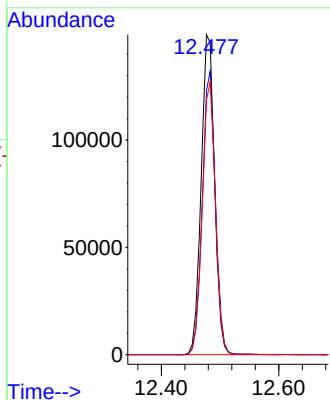
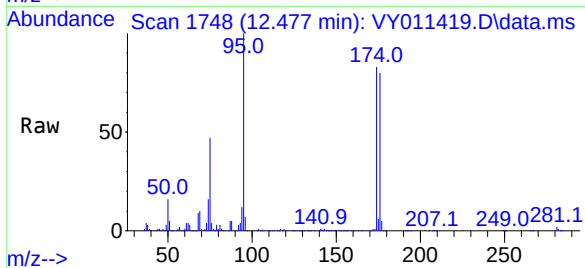




#62
4-Bromofluorobenzene
Concen: 53.366 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

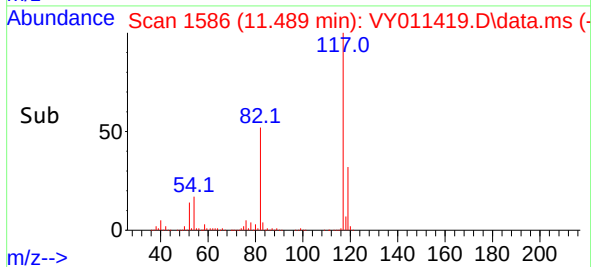
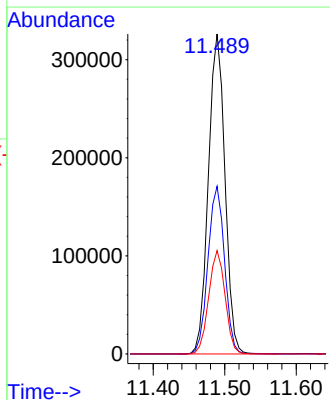
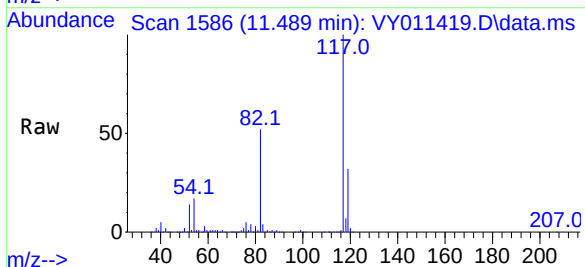
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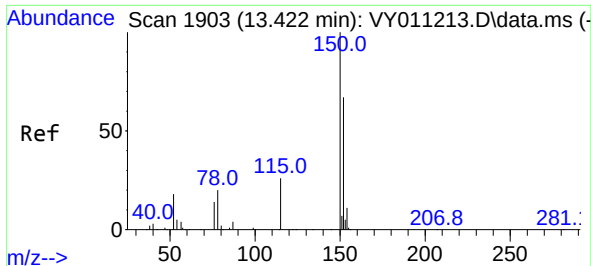
Tgt Ion: 95 Resp: 235372
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 84.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Tgt Ion: 117 Resp: 524934
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.3 25.4 38.0

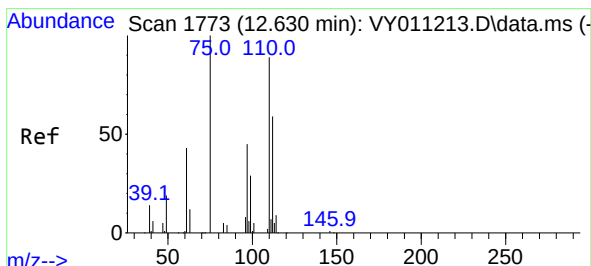
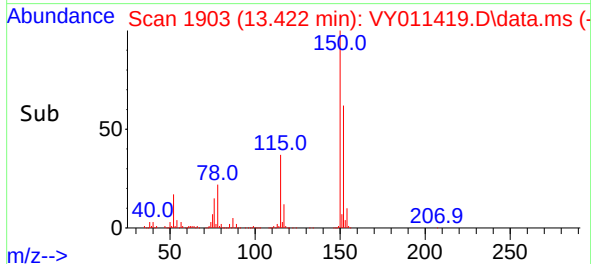
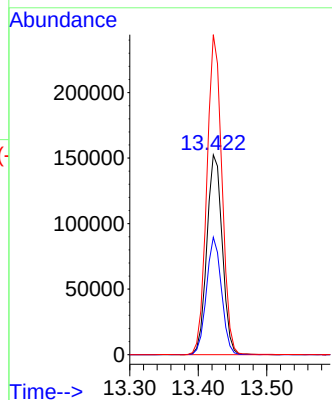
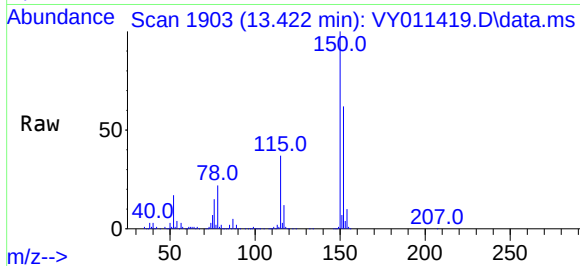




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011419.D
 Acq: 11 Nov 2022 15:25

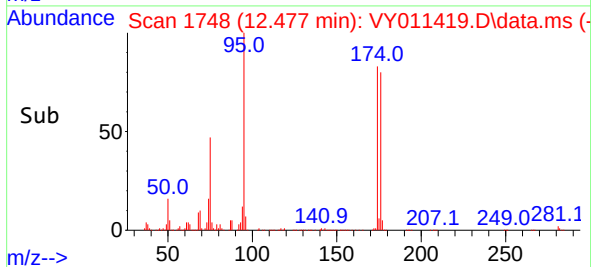
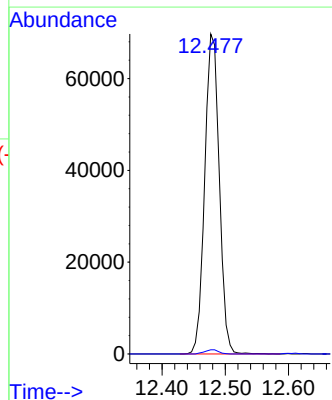
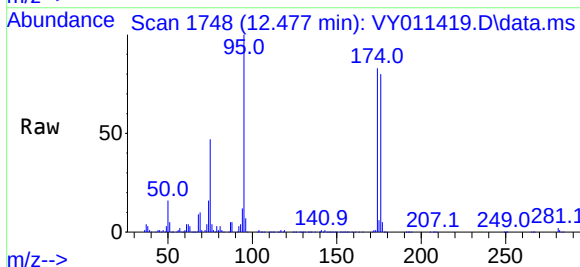
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-25

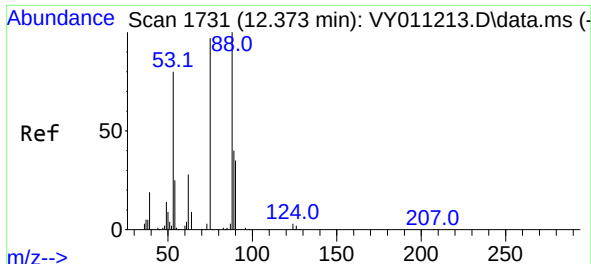
Tgt Ion:152 Resp: 238784
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.7
 150 156.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.392 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011419.D
 Acq: 11 Nov 2022 15:25

Tgt Ion: 75 Resp: 111643
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

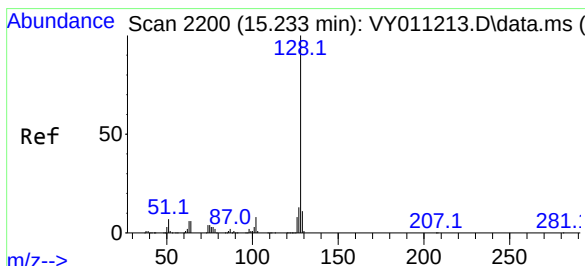
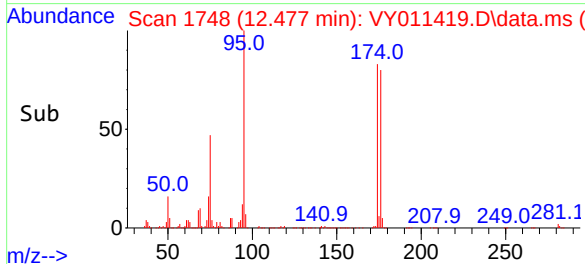
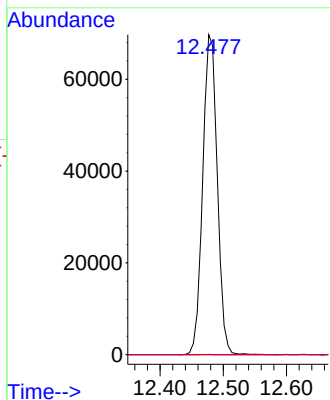
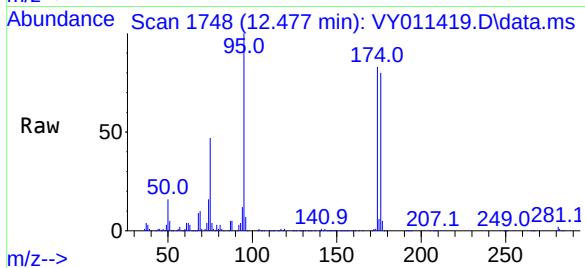




#81
trans-1,4-Dichloro-2-butene
Concen: 97.090 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-25

Tgt Ion: 75 Resp: 111643
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.331 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011419.D
Acq: 11 Nov 2022 15:25

Tgt Ion:128 Resp: 536
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

