

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013875.D
 Acq On : 25 May 2023 16:00
 Operator : KP/MD
 Sample : 02869-11
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP19

Quant Time: May 26 04:34:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	160554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274497	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	274693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108095	58.195	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.400%
35) Dibromofluoromethane	7.716	113	95117	53.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.179	98	340013	50.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.477	95	116209	51.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.780%

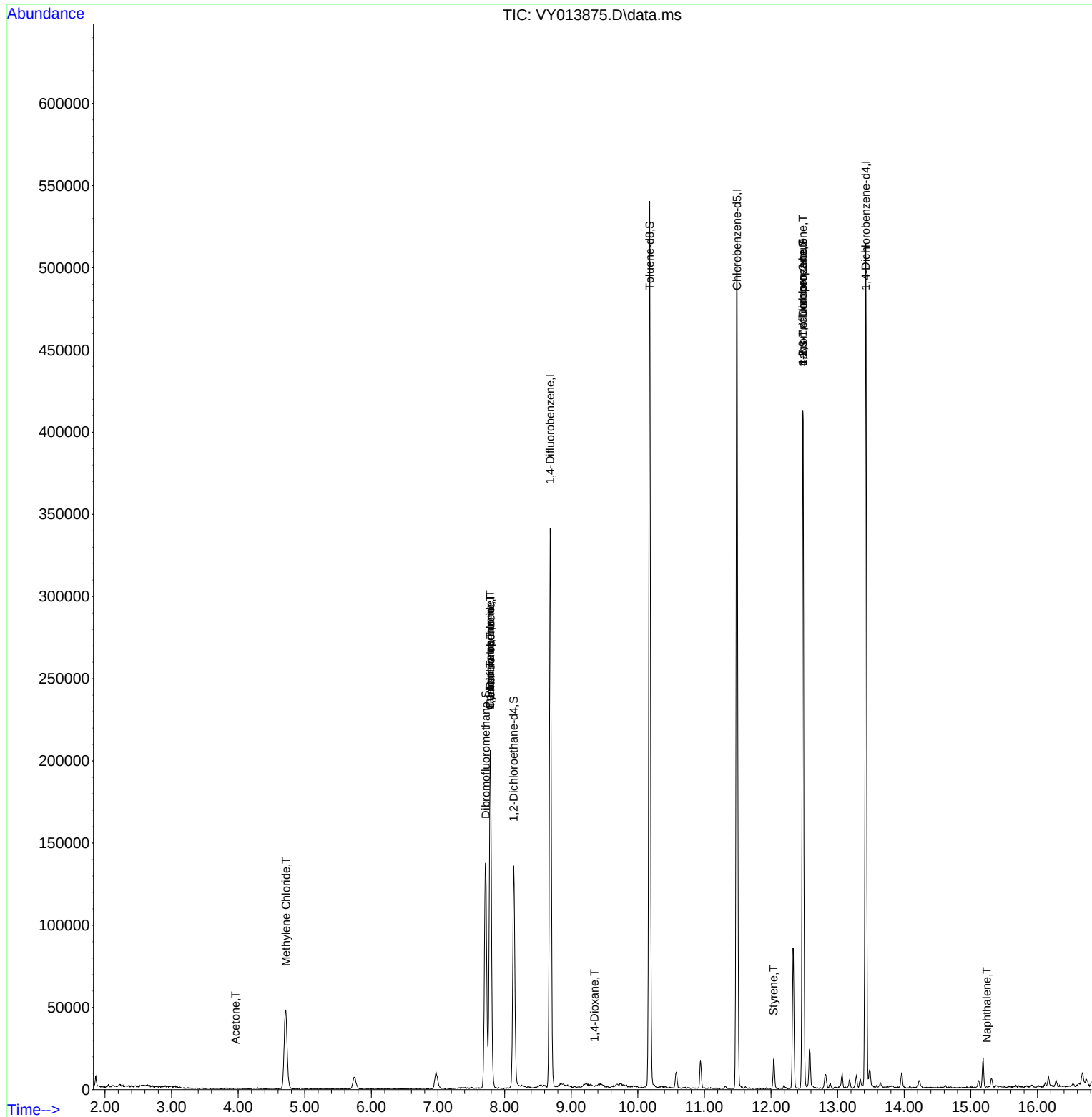
Target Compounds					Qvalue	
16) Acetone	3.960	43	777	1.409	ug/l #	46
20) Methylene Chloride	4.716	84	36354	16.918	ug/l	90
31) Cyclohexane	7.783	56	3725	1.305	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	12205	4.520	ug/l #	49
38) Carbon Tetrachloride	7.783	117	15451	5.032	ug/l #	17
49) 1,4-Dioxane	9.350	88	34	2.543	ug/l #	13
70) Styrene	12.038	104	8582	1.372	ug/l	91
76) 1,2,3-Trichloropropane	12.477	75	64568	43.076	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64568	93.505	ug/l #	10
95) Naphthalene	15.239	128	320	4.602	ug/l #	68

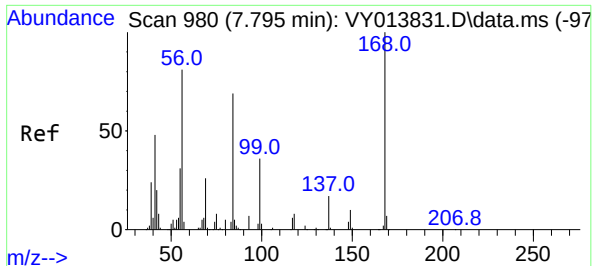
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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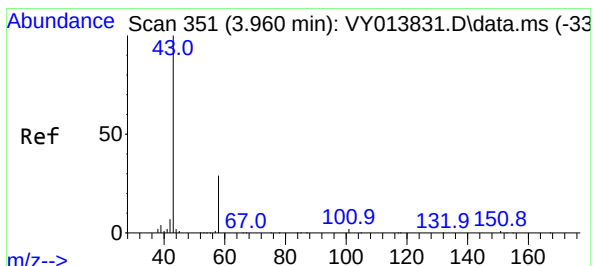
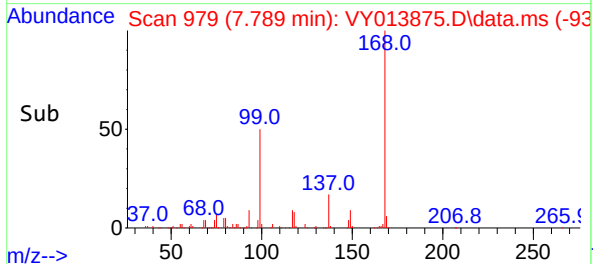
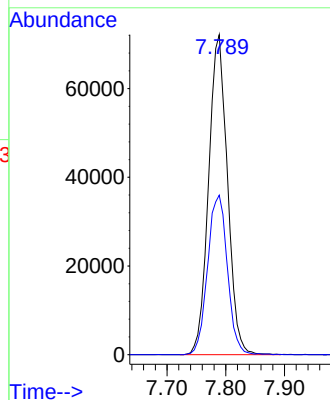
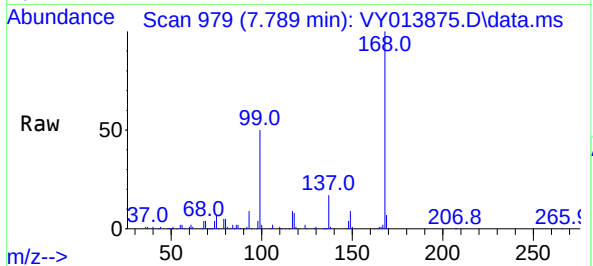




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

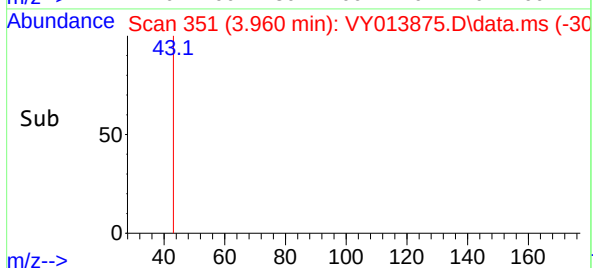
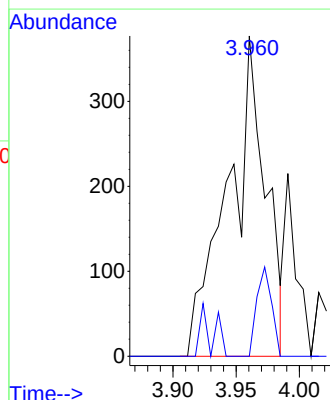
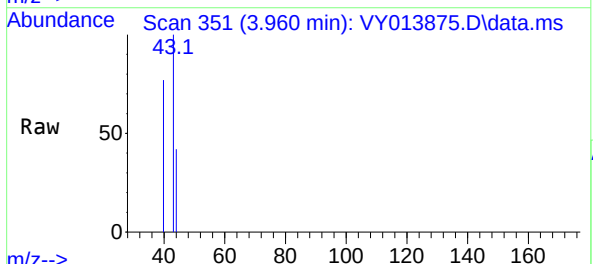
Instrument :
MSVOA_Y
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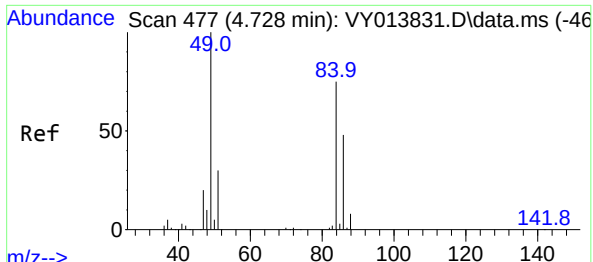
Tgt Ion:168 Resp: 160554
Ion Ratio Lower Upper
168 100
99 49.8 43.4 65.2



#16
Acetone
Concen: 1.409 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

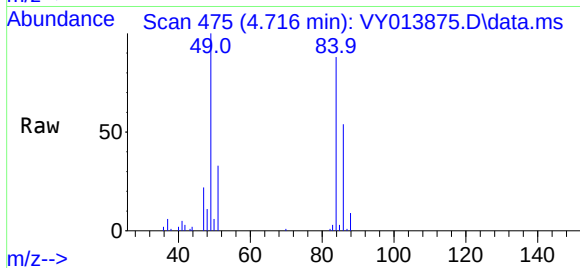
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#



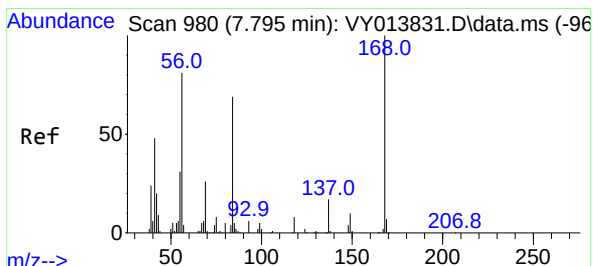
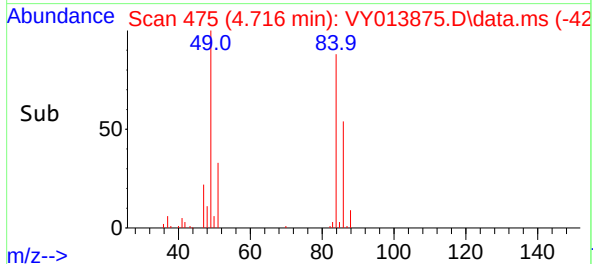
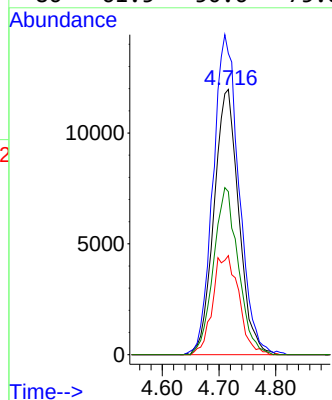


#20
Methylene Chloride
Concen: 16.918 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP19

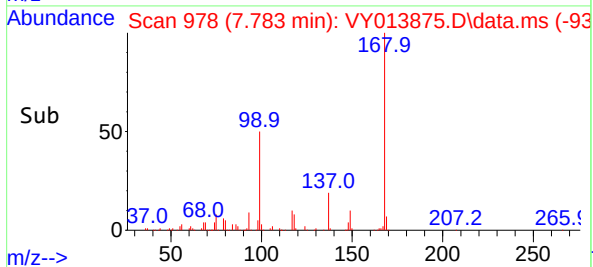
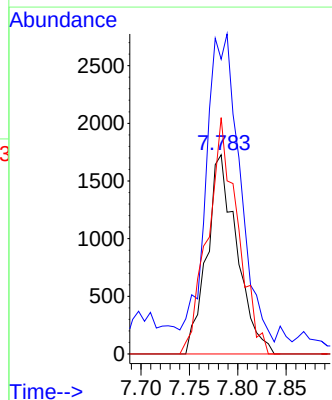
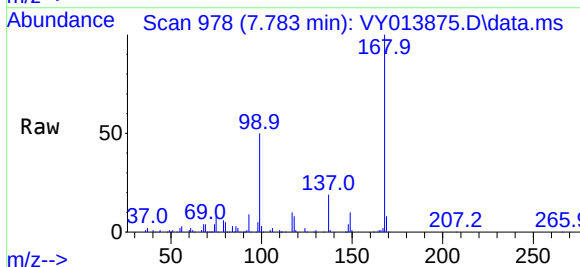


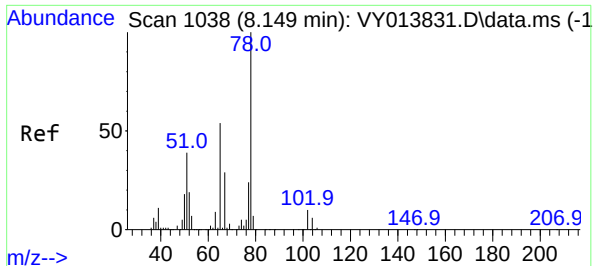
Tgt Ion: 84 Resp: 36354
Ion Ratio Lower Upper
84 100
49 113.5 106.2 159.2
51 37.3 31.4 47.0
86 61.5 50.6 75.8



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Tgt Ion: 56 Resp: 3725
Ion Ratio Lower Upper
56 100
69 136.0 25.8 38.8#
84 118.7 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 58.195 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY013875.D

Acq: 25 May 2023 16:00

Instrument :

MSVOA_Y

ClientSampleId :

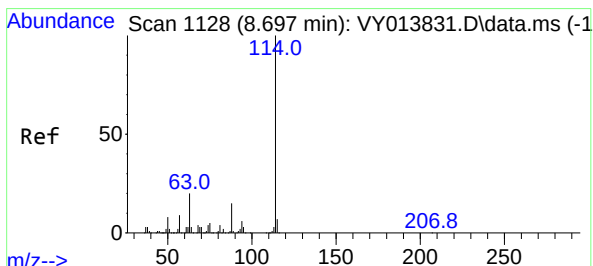
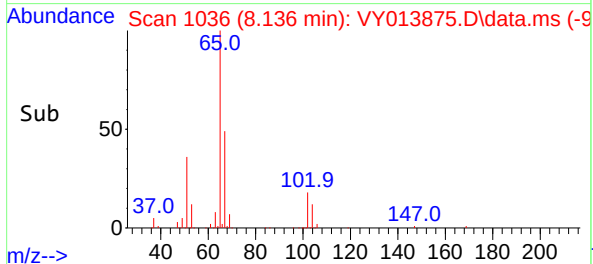
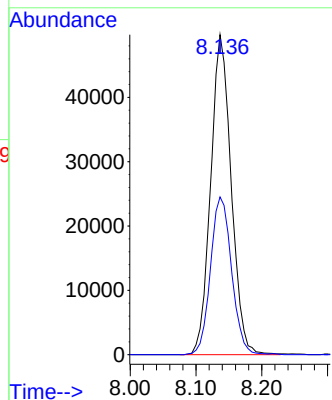
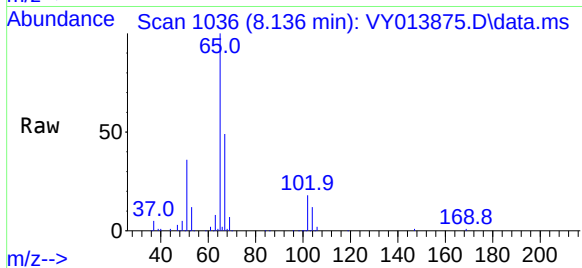
TP19

Tgt Ion: 65 Resp: 108095

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013875.D

Acq: 25 May 2023 16:00

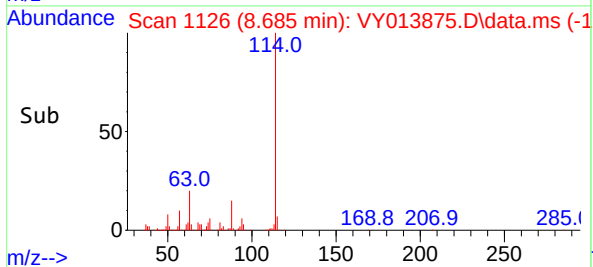
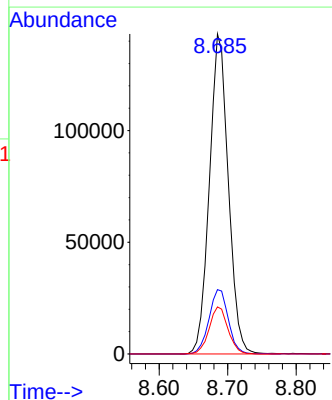
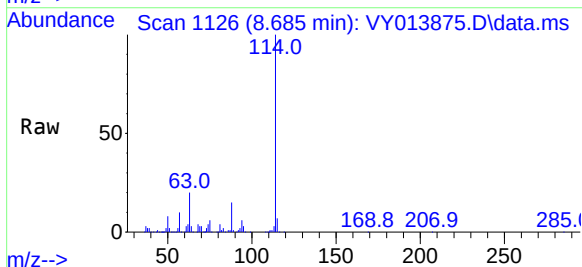
Tgt Ion:114 Resp: 274497

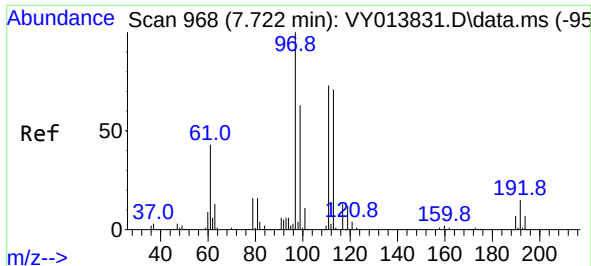
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.7 0.0 30.0

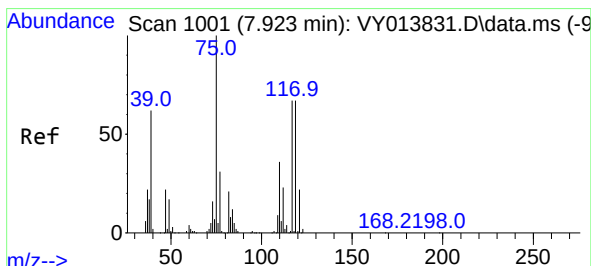
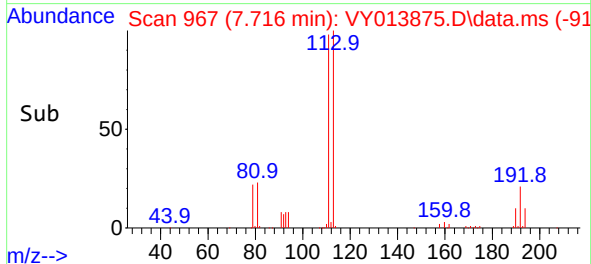
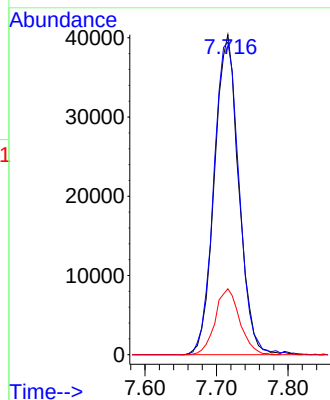
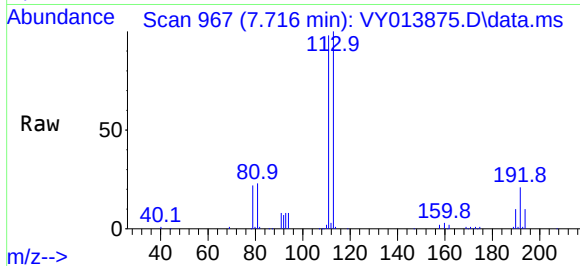




#35
Dibromofluoromethane
Concen: 53.656 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

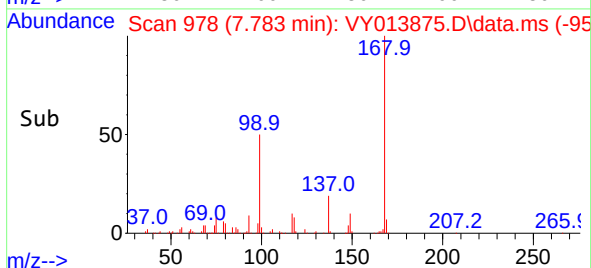
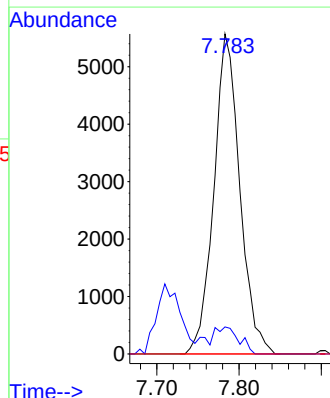
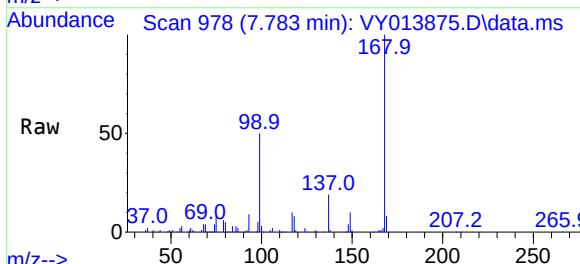
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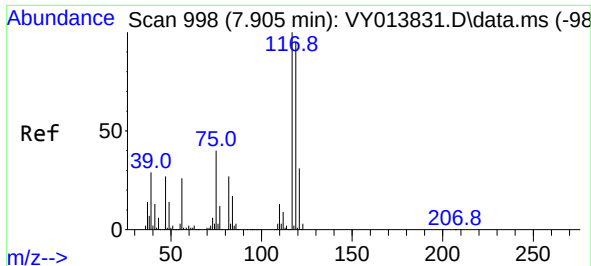
Tgt Ion:113 Resp: 95117
Ion Ratio Lower Upper
113 100
111 102.5 80.4 120.6
192 20.7 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Tgt Ion: 75 Resp: 12205
Ion Ratio Lower Upper
75 100
110 7.8 17.5 52.6#
77 0.0 24.4 36.6#

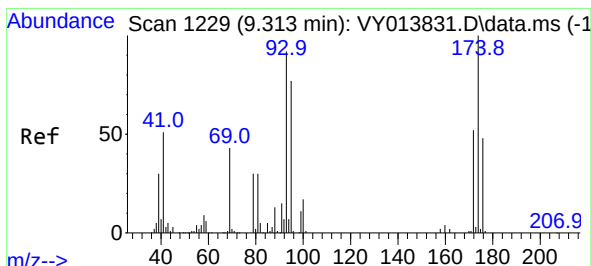
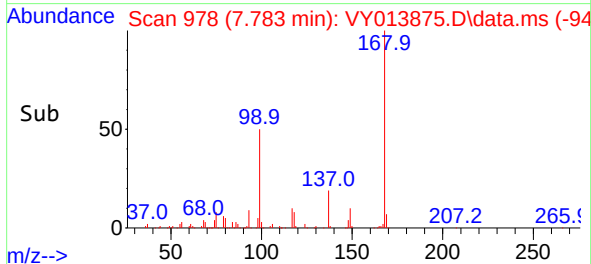
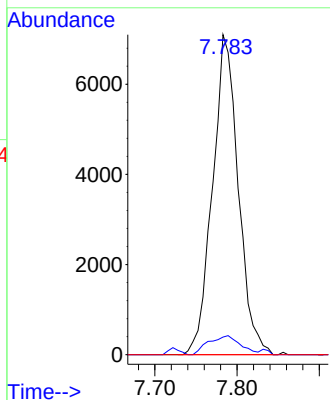
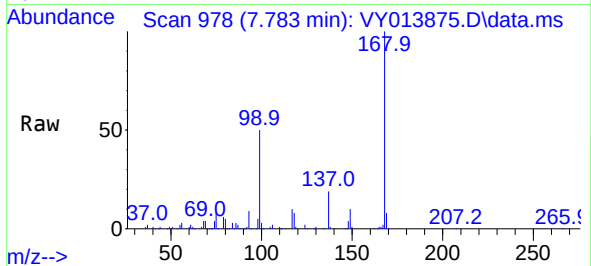




#38
Carbon Tetrachloride
Concen: 5.032 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

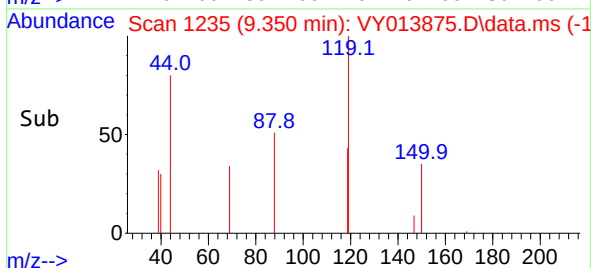
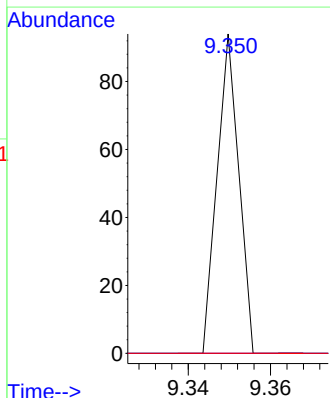
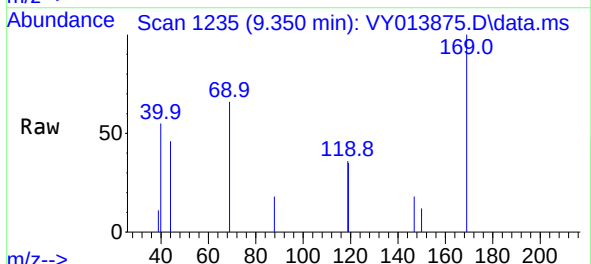
Instrument :
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ClientSampleId :
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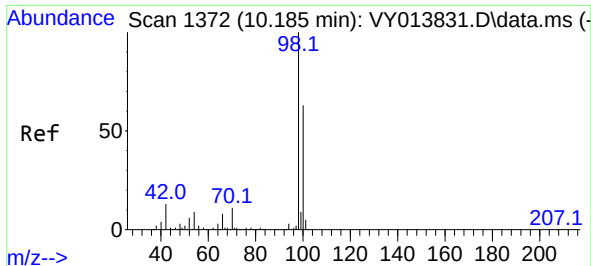
Tgt Ion:117 Resp: 15451
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 2.543 ug/l
RT: 9.350 min Scan# 1235
Delta R.T. 0.037 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 59.0 88.6#

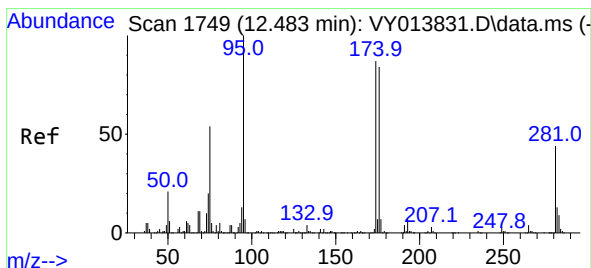
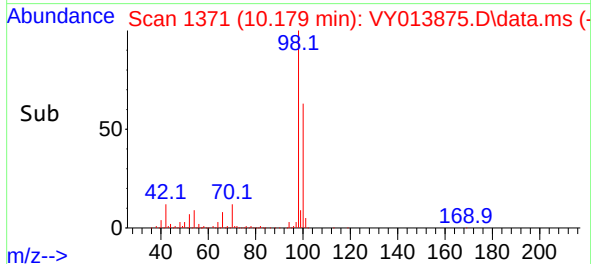
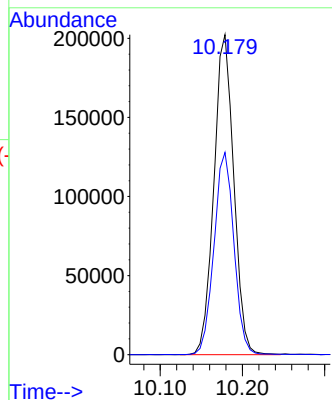
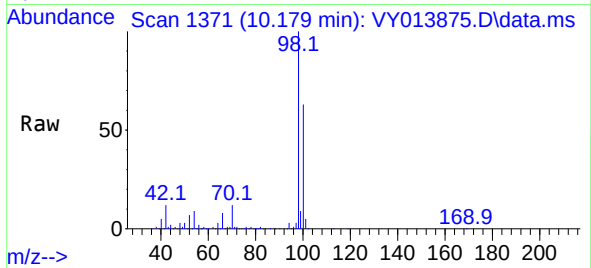




#50
Toluene-d8
Concen: 50.466 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

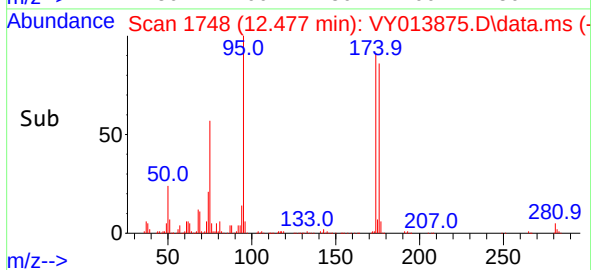
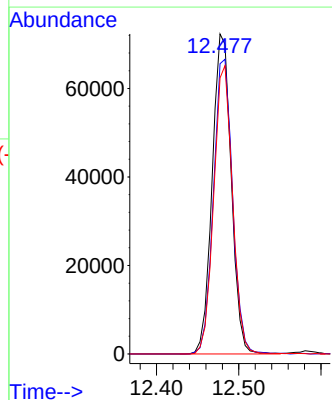
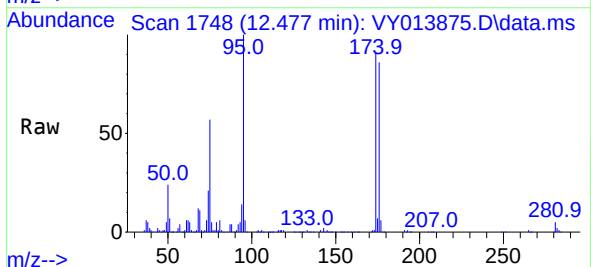
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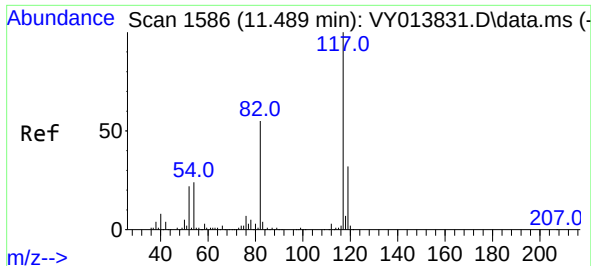
Tgt Ion: 98 Resp: 340013
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 51.889 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Tgt Ion: 95 Resp: 116209
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.0
176 89.0 0.0 170.2

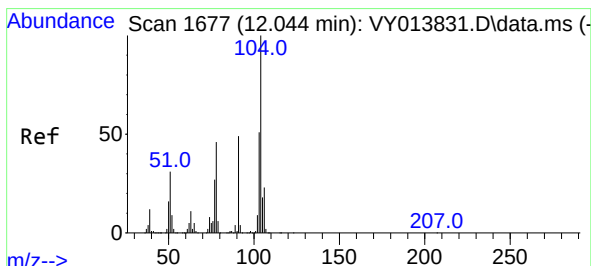
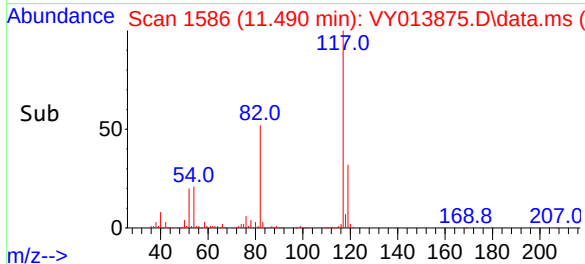
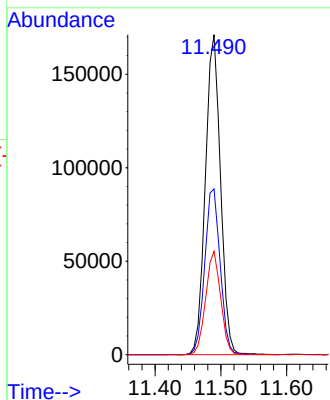
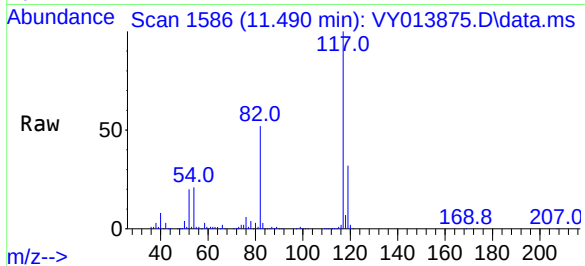




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

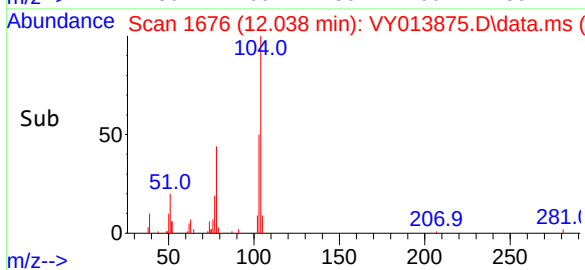
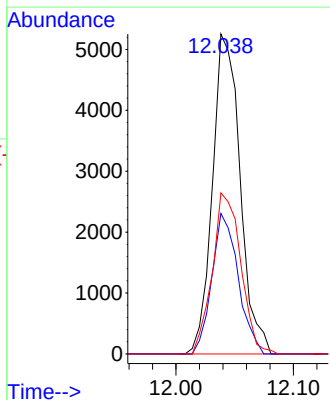
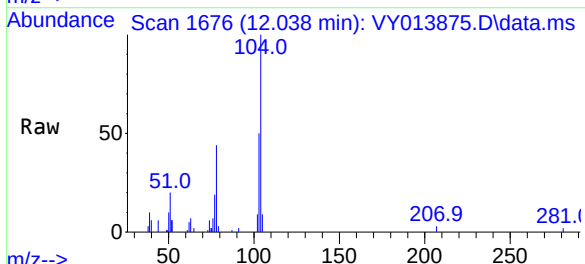
Instrument :
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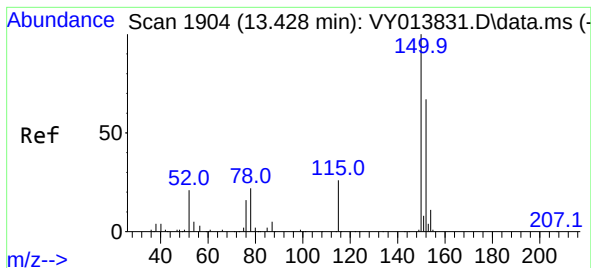
Tgt Ion:	117	Resp:	274693
Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.2	66.4
119	32.3	25.7	38.5



#70
Styrene
Concen: 1.372 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Tgt Ion:	104	Resp:	8582
Ion	Ratio	Lower	Upper
104	100		
78	41.8	40.8	61.2
103	51.8	44.2	66.4

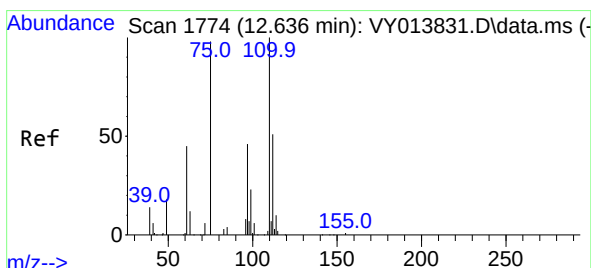
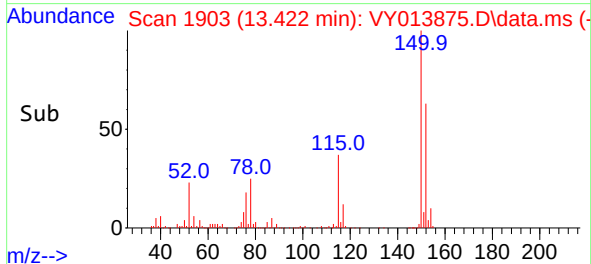
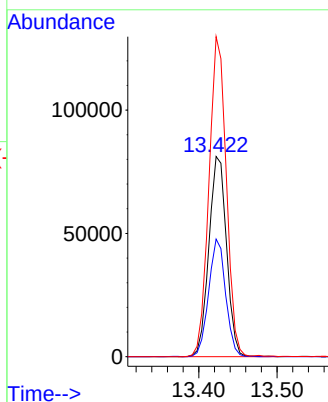
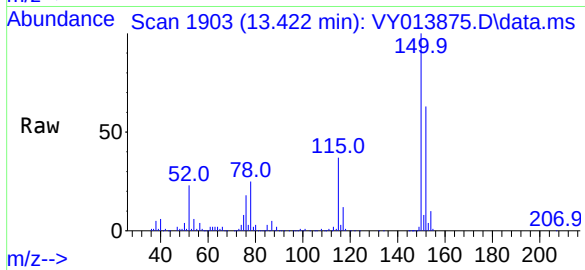




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

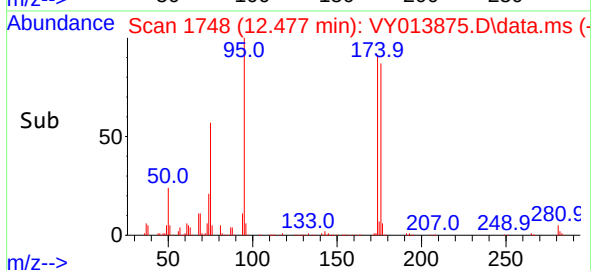
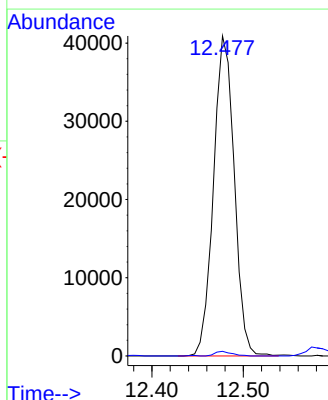
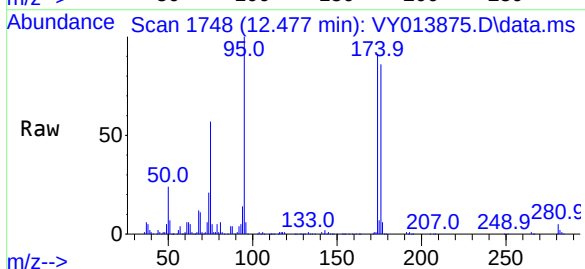
Instrument :
MSVOA_Y
ClientSampleId :
TP19

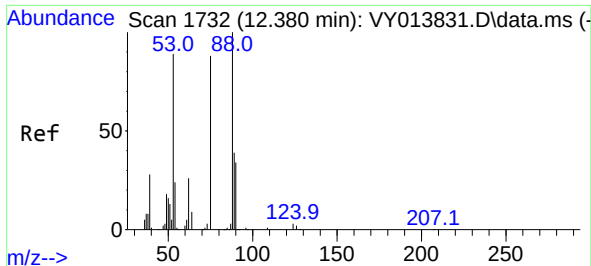
Tgt Ion:152 Resp: 127121
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 157.1 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 43.076 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Tgt Ion: 75 Resp: 64568
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

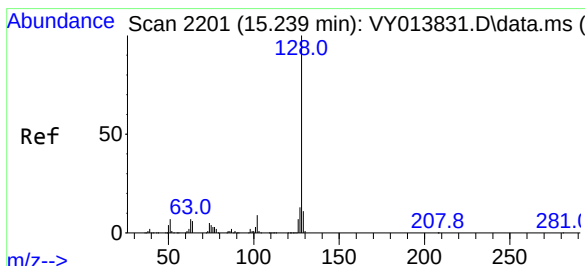
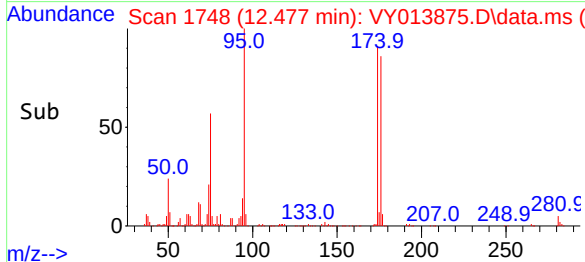
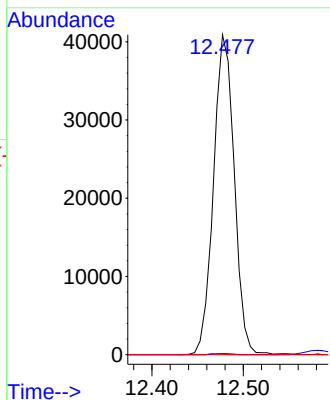
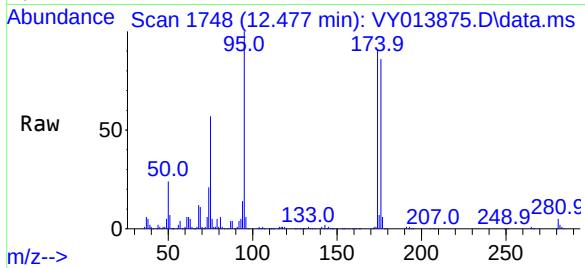




#81
trans-1,4-Dichloro-2-butene
Concen: 93.505 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP19

Tgt Ion: 75 Resp: 64568
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.1 36.4 54.6#



#95
Naphthalene
Concen: 4.602 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013875.D
Acq: 25 May 2023 16:00

Tgt Ion: 128 Resp: 320
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

