

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013348.D
 Acq On : 19 Apr 2023 16:19
 Operator : KP/MD
 Sample : 02371-15
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 06:56:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

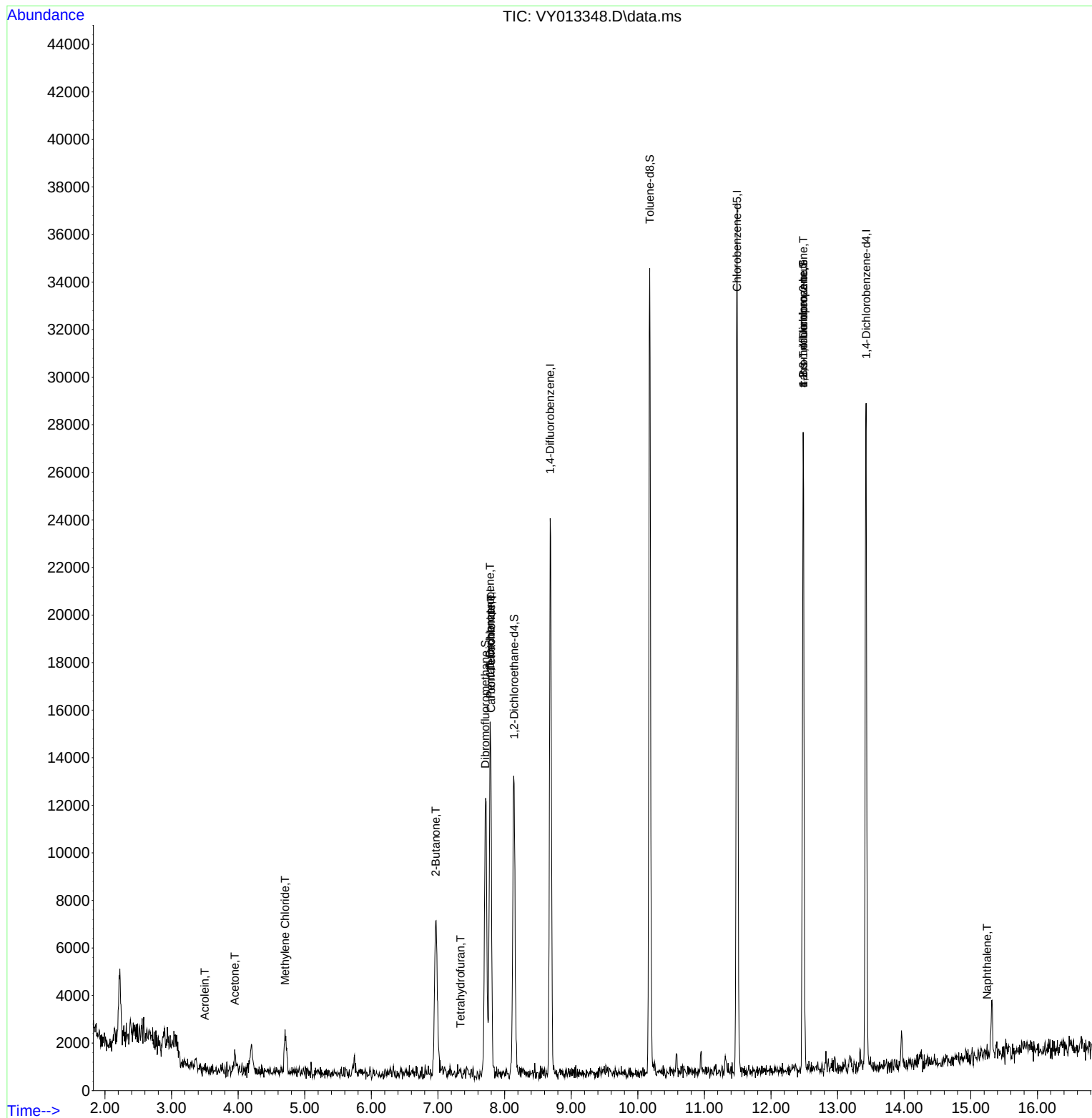
Internal Standards						
1) Pentafluorobenzene	7.789	168	12629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	18870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10605	69.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.740%	
35) Dibromofluoromethane	7.709	113	8636	70.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.380%	
50) Toluene-d8	10.179	98	23292	51.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.483	95	7273	49.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	20	Below Cal	#	74
13) Acrolein	3.497	56	20	1.073	ug/l #	14
16) Acetone	3.948	43	1233	23.628	ug/l	94
20) Methylene Chloride	4.704	84	1082	3.912	ug/l #	68
25) 2-Butanone	6.966	43	407	6.091	ug/l #	49
29) Tetrahydrofuran	7.338	42	85	2.095	ug/l #	36
36) 1,1-Dichloropropene	7.783	75	905	4.890	ug/l #	45
38) Carbon Tetrachloride	7.795	117	1188	5.805	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3549	38.962	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3549	80.866	ug/l #	13
95) Naphthalene	15.245	128	109	3.522	ug/l #	69

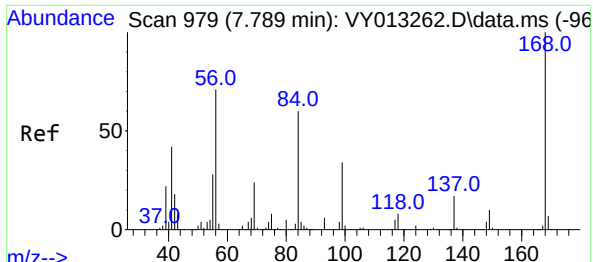
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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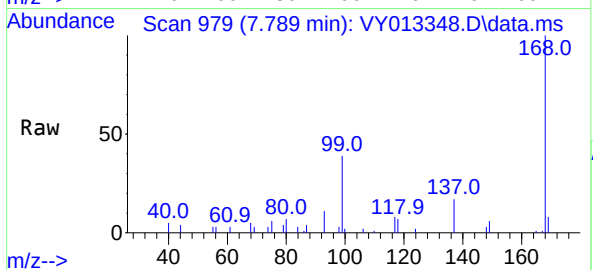
Quant Time: Apr 20 06:56:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



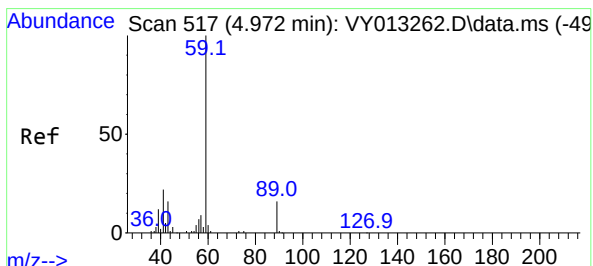
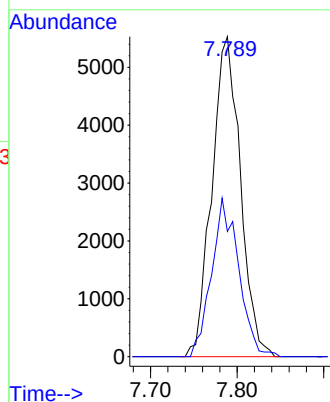
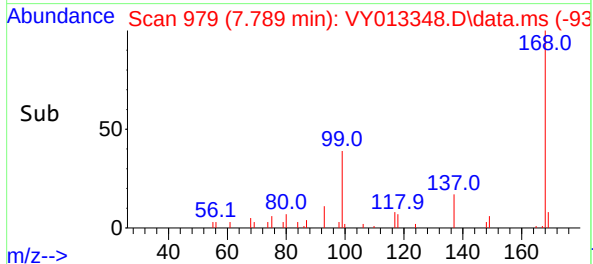


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

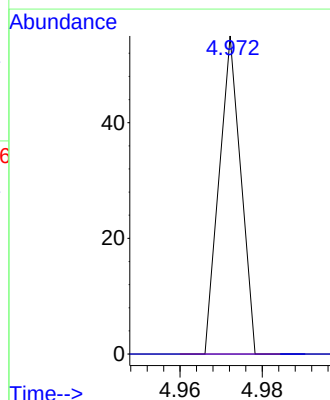
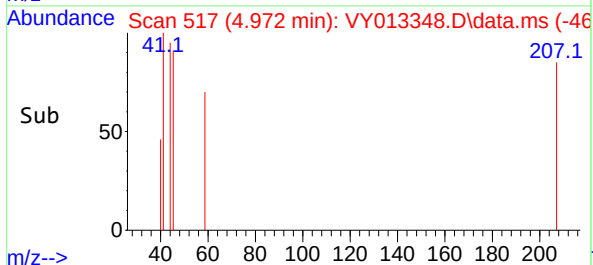
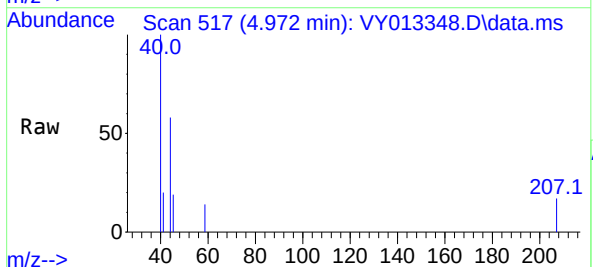


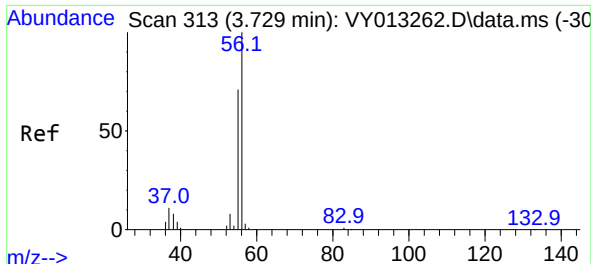
Tgt Ion:168 Resp: 12629
Ion Ratio Lower Upper
168 100
99 39.1 41.7 62.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

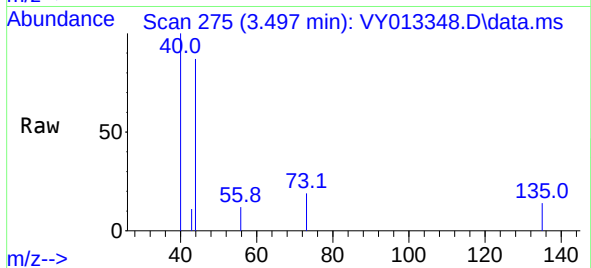
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



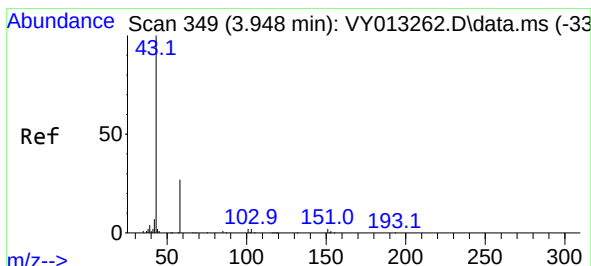
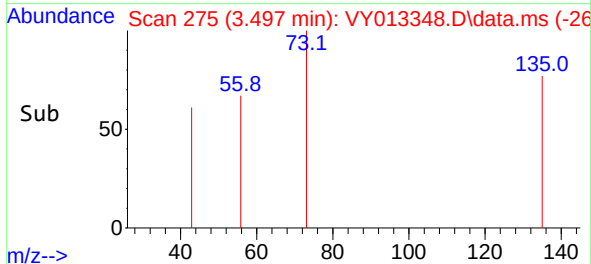
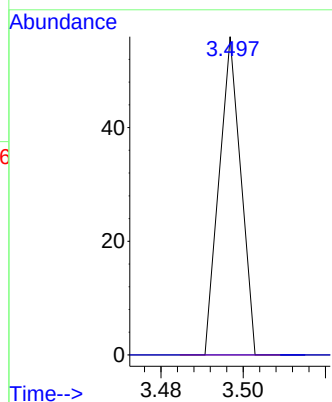


#13
Acrolein
Concen: 1.073 ug/l
RT: 3.497 min Scan# 21
Delta R.T. -0.232 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

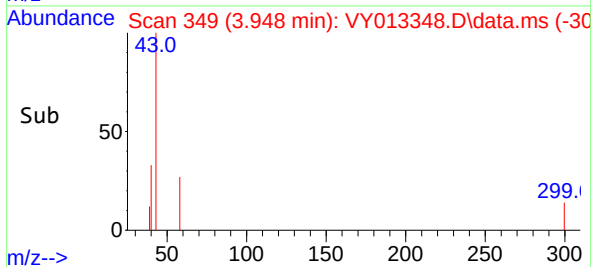
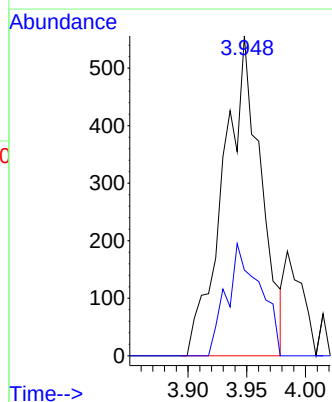
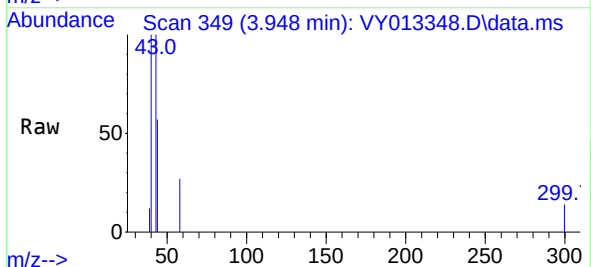


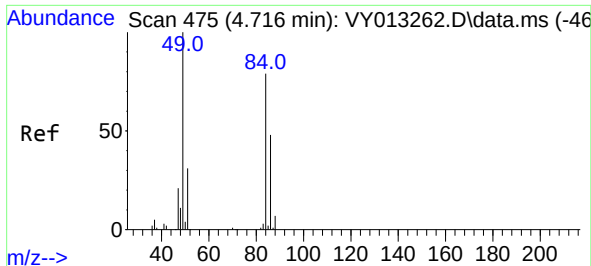
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#



#16
Acetone
Concen: 23.628 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

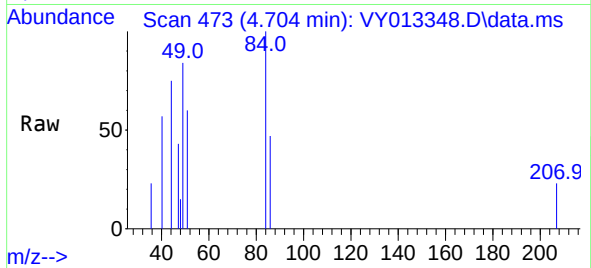
Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 26.8 24.2 36.2



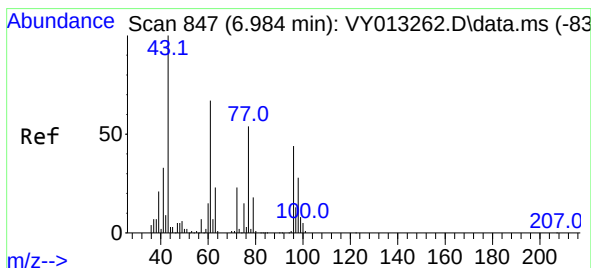
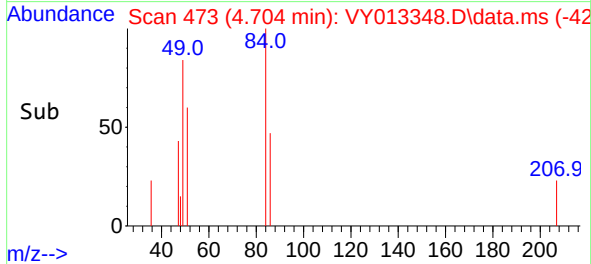
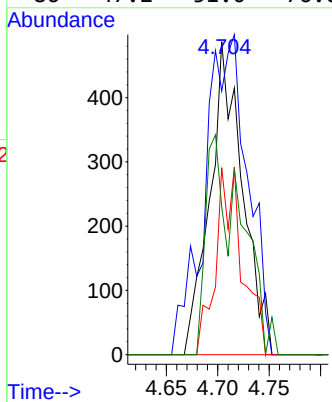


#20
Methylene Chloride
Concen: 3.912 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

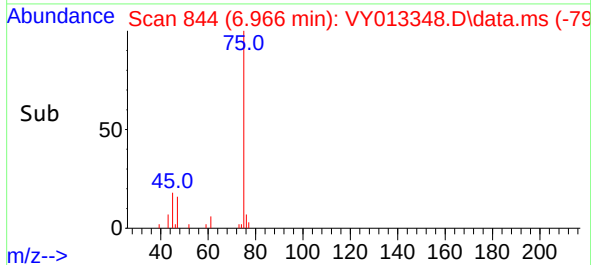
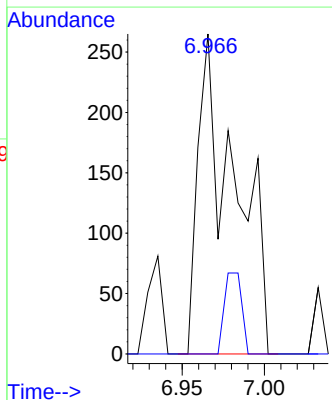
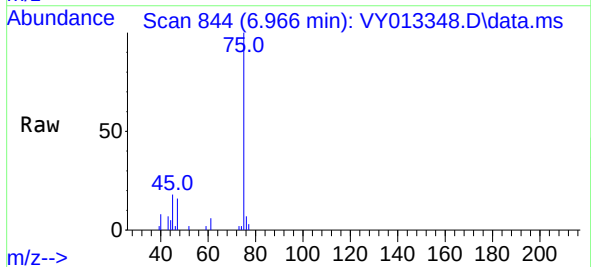


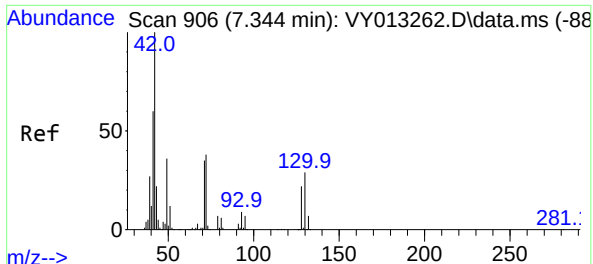
Tgt Ion: 84 Resp: 1082
Ion Ratio Lower Upper
84 100
49 84.2 102.6 154.0#
51 59.8 31.9 47.9#
86 47.2 51.0 76.6#



#25
2-Butanone
Concen: 6.091 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.019 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

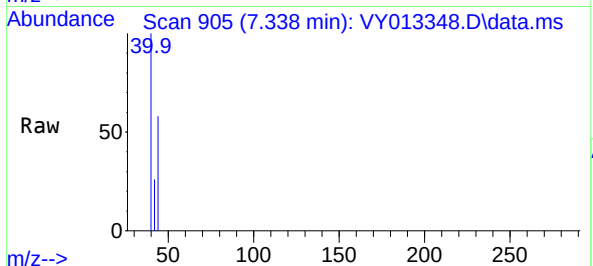
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



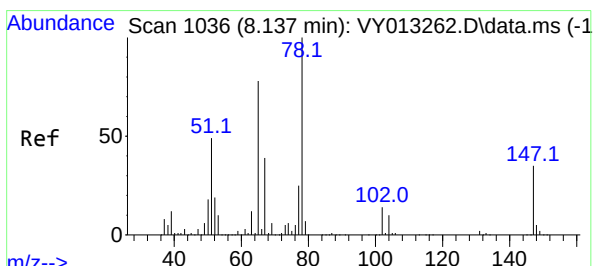
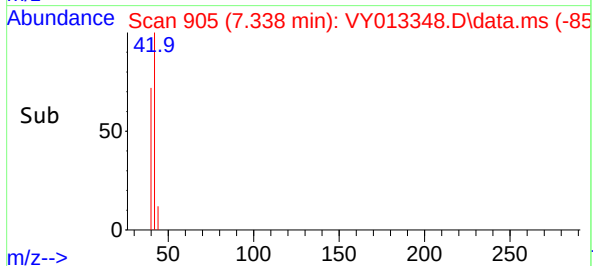
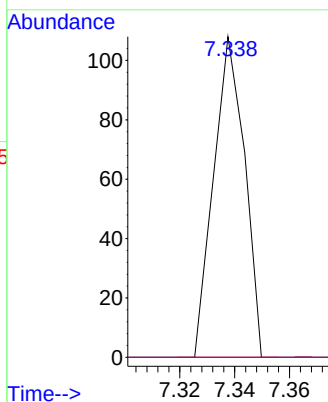


#29
Tetrahydrofuran
Concen: 2.095 ug/l
RT: 7.338 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

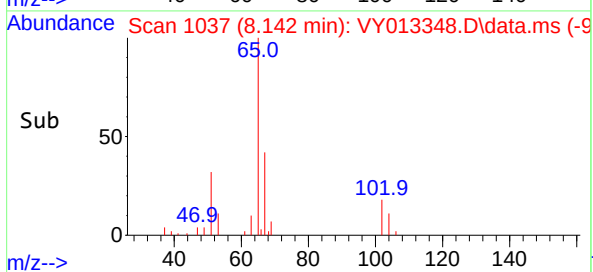
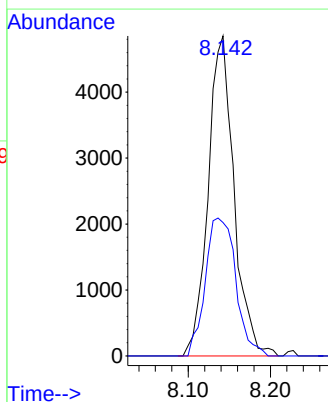
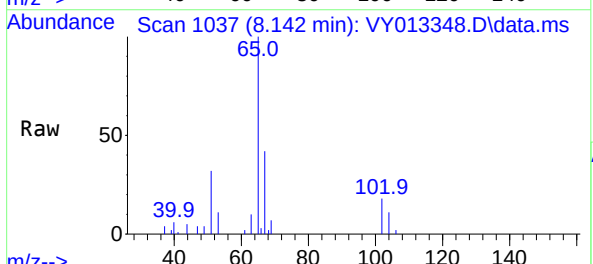


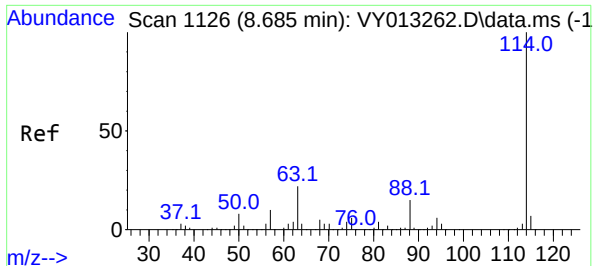
Tgt Ion: 42 Resp: 85
Ion Ratio Lower Upper
42 100
72 0.0 32.3 48.5#
71 0.0 30.3 45.5#



#33
1,2-Dichloroethane-d4
Concen: 69.875 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Tgt Ion: 65 Resp: 10605
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013348.D

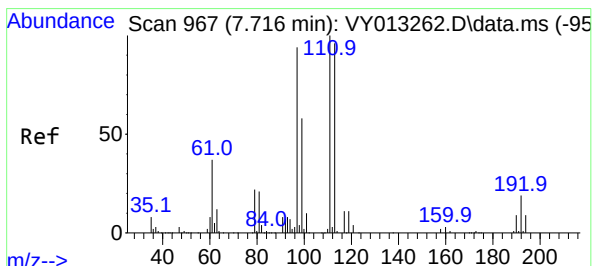
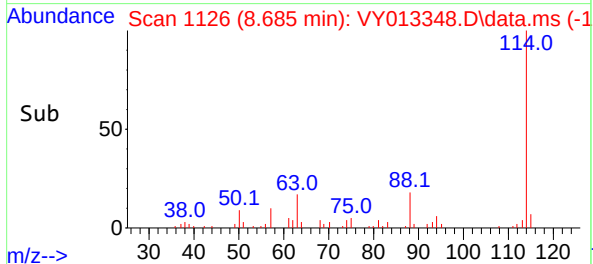
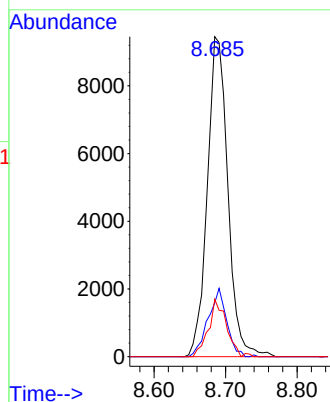
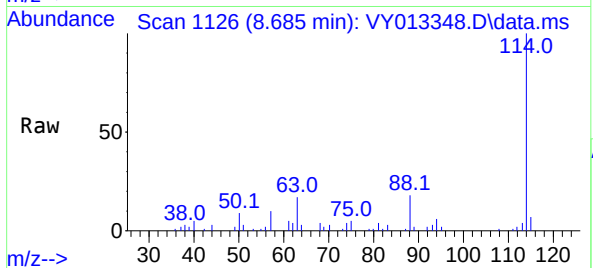
Acq: 19 Apr 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	18870
Ion	Ratio	Lower Upper
114	100	
63	16.8	0.0 37.4
88	17.9	0.0 28.6



#35

Dibromofluoromethane

Concen: 70.692 ug/l

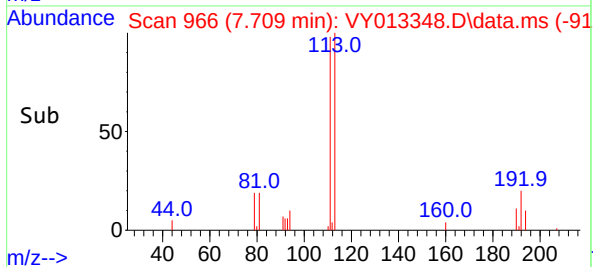
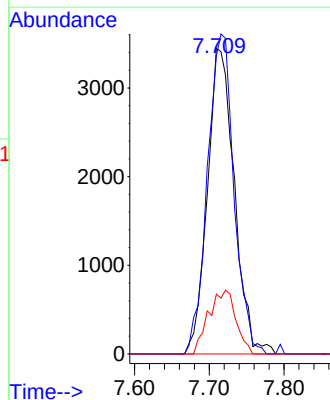
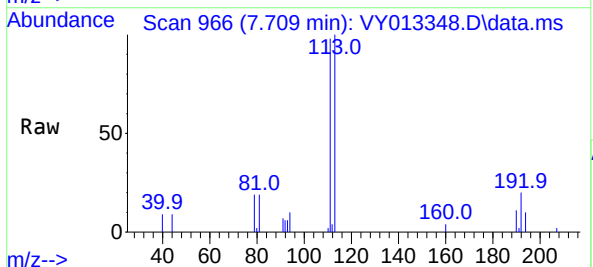
RT: 7.709 min Scan# 966

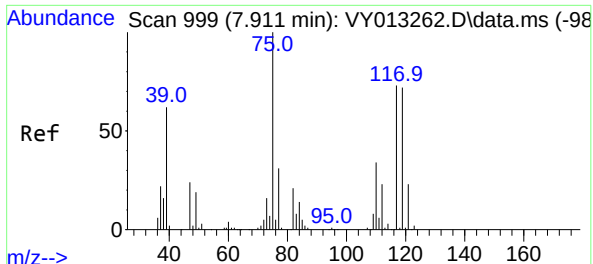
Delta R.T. -0.006 min

Lab File: VY013348.D

Acq: 19 Apr 2023 16:19

Tgt Ion:113	Resp:	8636
Ion	Ratio	Lower Upper
113	100	
111	102.8	82.2 123.2
192	21.1	16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.890 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

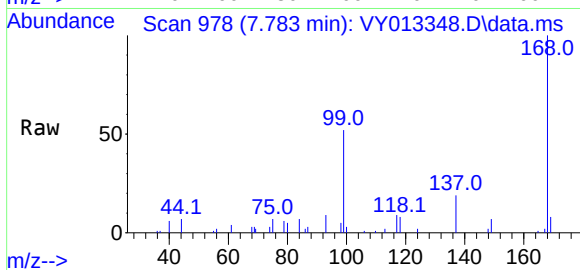
Lab File: VY013348.D

Acq: 19 Apr 2023 16:19

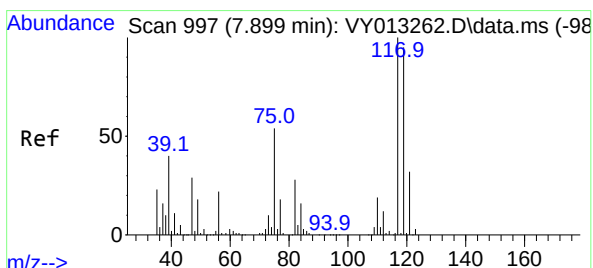
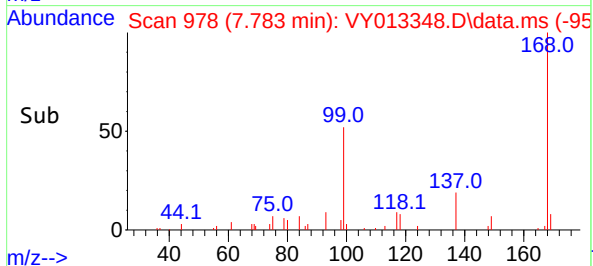
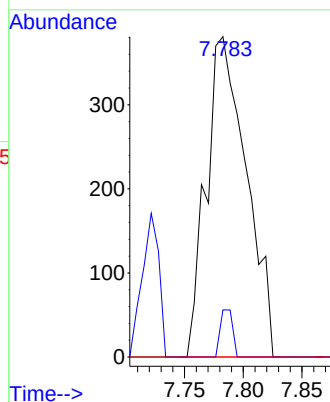
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 905
Ion Ratio	Lower Upper
75 100	
110 4.5	17.8 53.3#
77 0.0	25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.805 ug/l

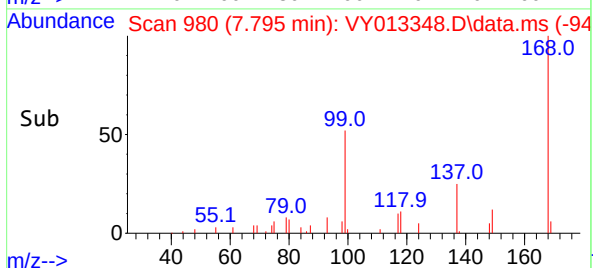
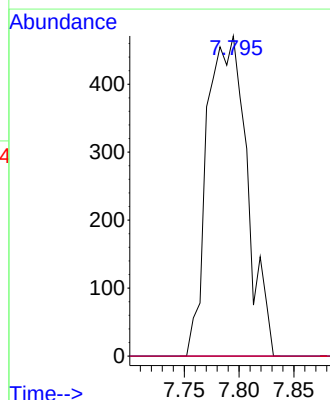
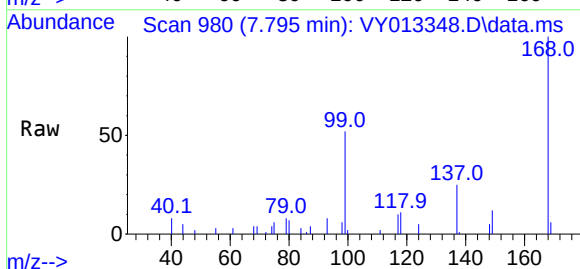
RT: 7.795 min Scan# 980

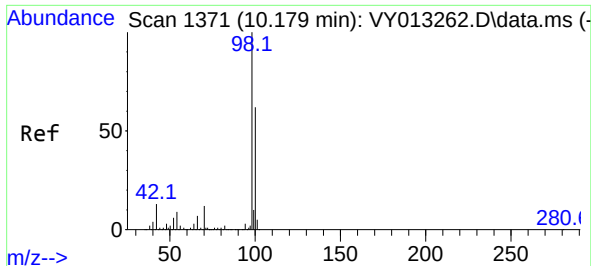
Delta R.T. -0.104 min

Lab File: VY013348.D

Acq: 19 Apr 2023 16:19

Tgt Ion: 117	Resp: 1188
Ion Ratio	Lower Upper
117 100	
119 0.0	77.2 115.8#
121 0.0	24.7 37.1#

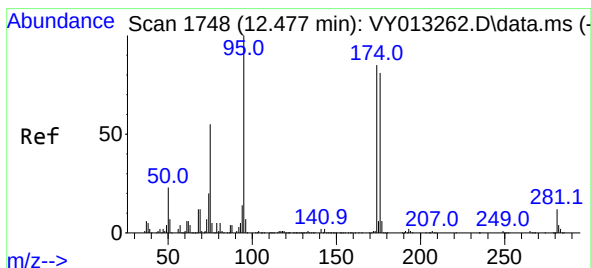
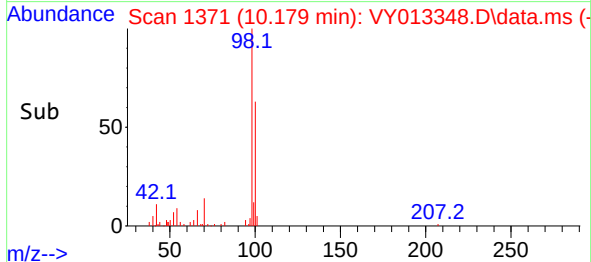
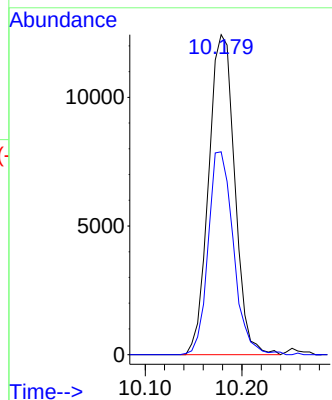
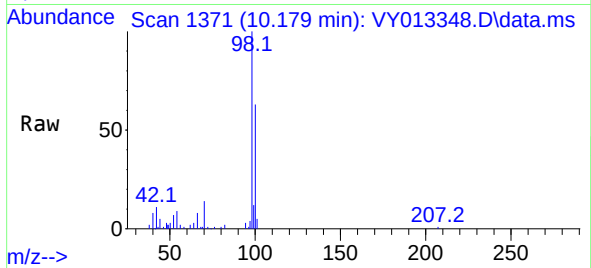




#50
Toluene-d8
Concen: 51.224 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

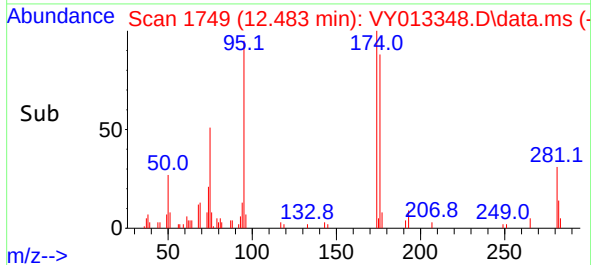
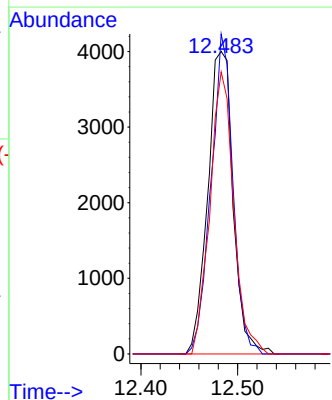
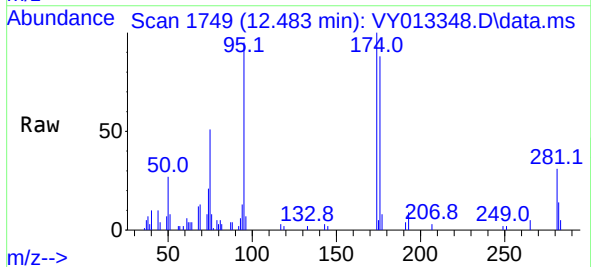
Instrument :
MSVOA_Y
ClientSampleId :

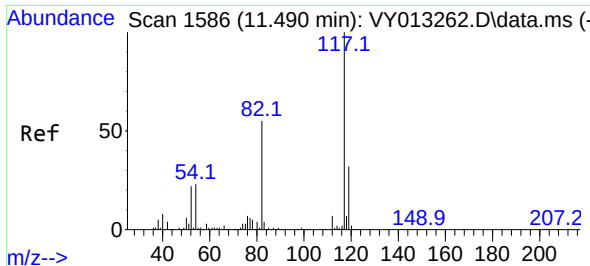
Tgt Ion: 98 Resp: 23292
Ion Ratio Lower Upper
98 100
100 61.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

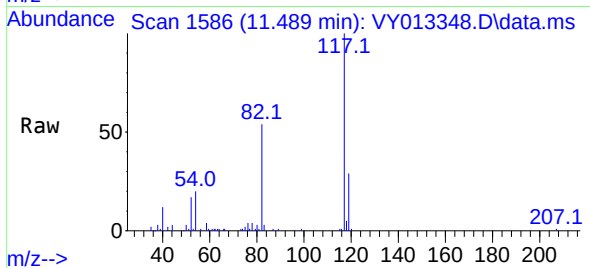
Tgt Ion: 95 Resp: 7273
Ion Ratio Lower Upper
95 100
174 91.6 0.0 176.6
176 87.6 0.0 170.2



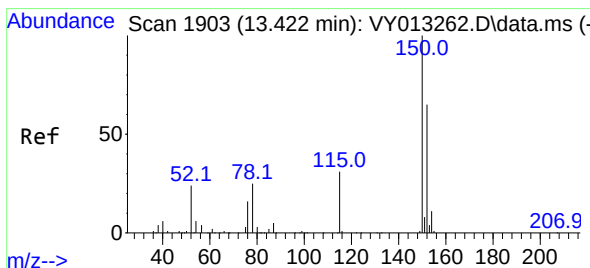
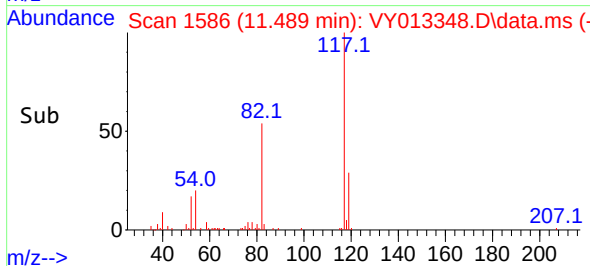
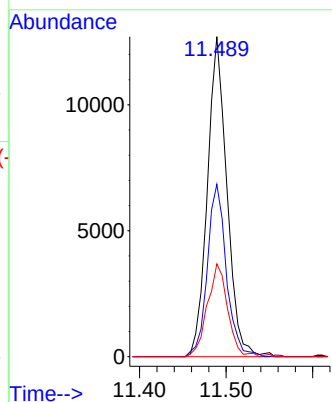


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

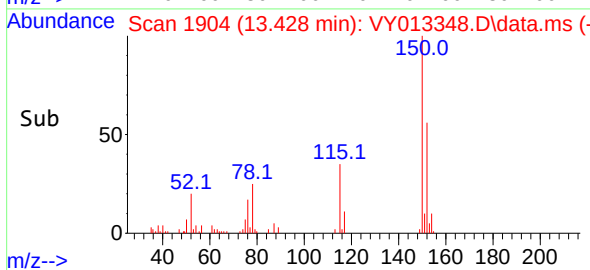
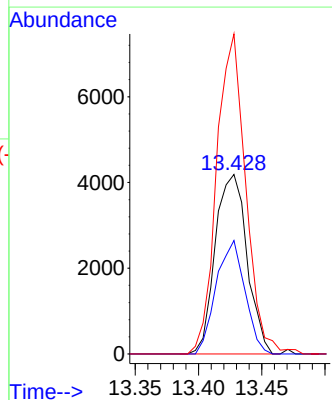
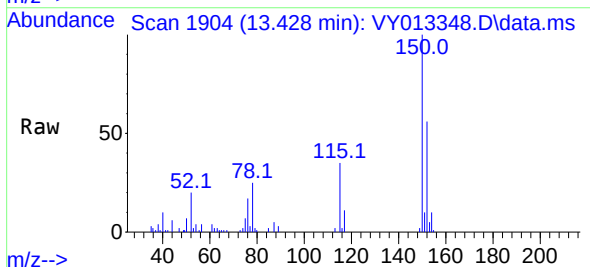


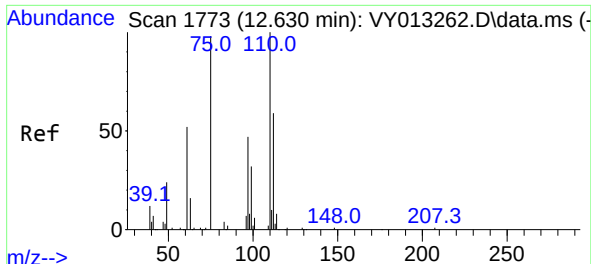
Tgt Ion:	117	Resp:	19906
Ion Ratio	Lower	Upper	
117	100		
82	53.9	45.4	68.0
119	29.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Tgt Ion:	152	Resp:	7310
Ion Ratio	Lower	Upper	
152	100		
115	57.2	27.1	81.3
150	163.2	0.0	347.8

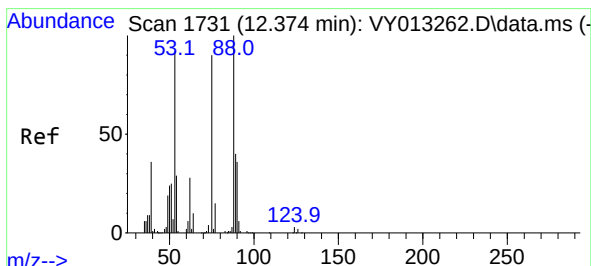
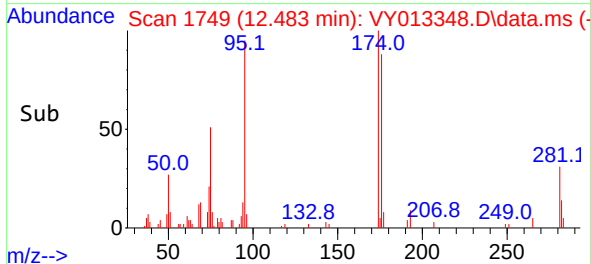
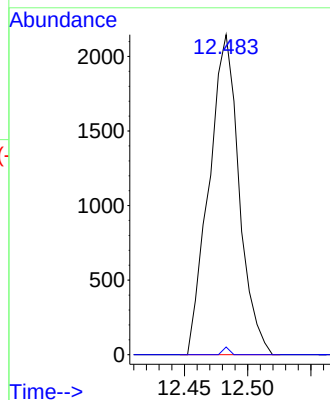
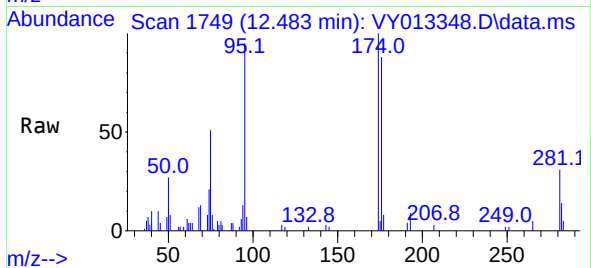




#76
1,2,3-Trichloropropane
Concen: 38.962 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

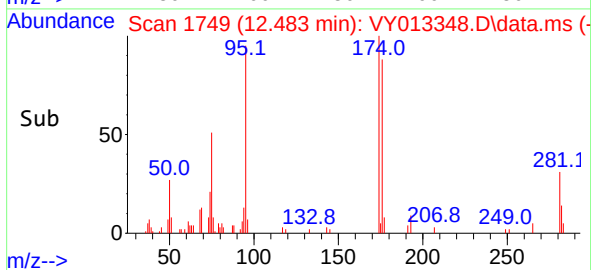
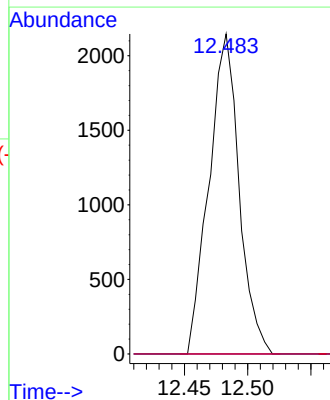
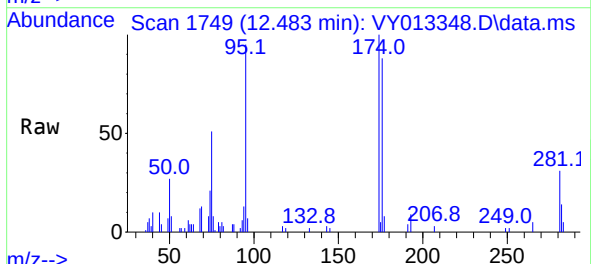
Instrument :
MSVOA_Y
ClientSampleId :

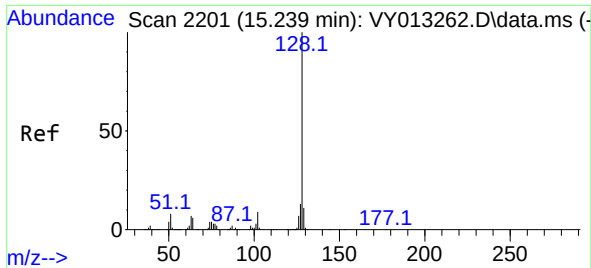
Tgt Ion: 75 Resp: 3549
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.866 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

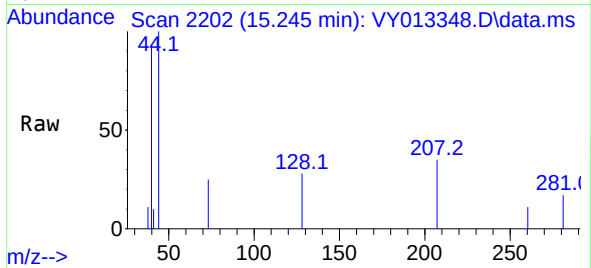
Tgt Ion: 75 Resp: 3549
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#





#95
Naphthalene
Concen: 3.522 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 109
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

