

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015075.D
 Acq On : 14 Aug 2023 13:34
 Operator : SY/MD
 Sample : VY0814SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBL01

Quant Time: Aug 14 15:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

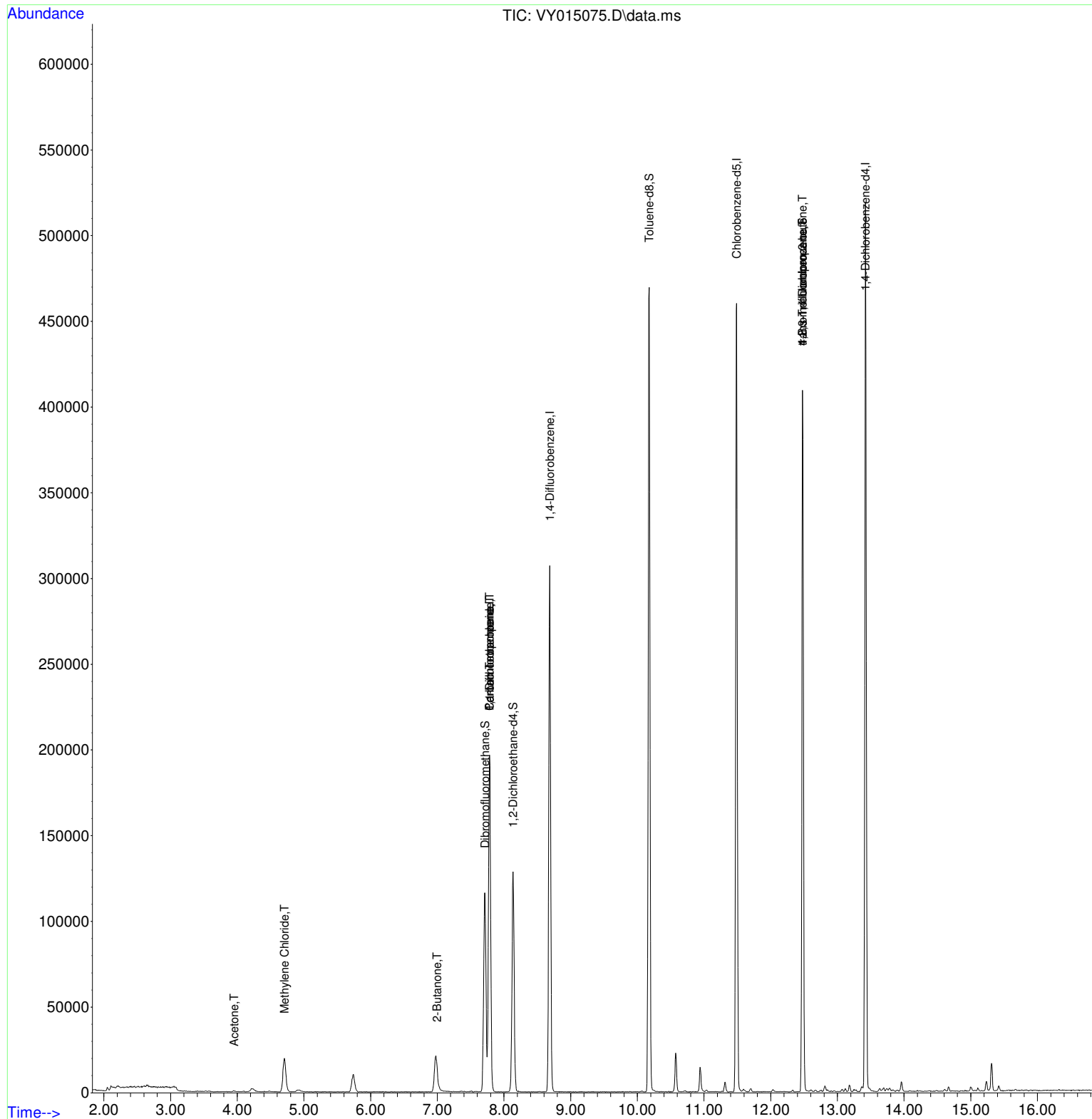
Internal Standards						
1) Pentafluorobenzene	7.783	168	153770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99016	53.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.28%
35) Dibromofluoromethane	7.716	113	83965	49.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.32%
50) Toluene-d8	10.179	98	312526	49.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.32%
62) 4-Bromofluorobenzene	12.477	95	116422	50.65	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.30%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22	Below Cal	#	43
3) Chloromethane	2.107	50	930	Below Cal		90
5) Bromomethane	2.650	94	623	Below Cal	#	56
11) Tert butyl alcohol	4.924	59	608	Below Cal	#	89
16) Acetone	3.954	43	929	1.54	ug/l	96
20) Methylene Chloride	4.710	84	15230	6.80	ug/l	# 85
25) 2-Butanone	6.996	43	1581	1.85	ug/l	# 77
31) Cyclohexane	7.777	56	3376	Below Cal	#	38
36) 1,1-Dichloropropene	7.783	75	11935	6.38	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	15200	6.87	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	63346	40.91	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	63346	89.86	ug/l	# 10

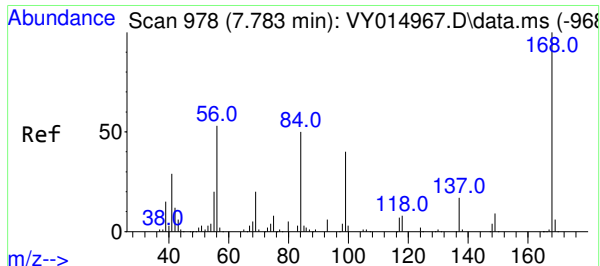
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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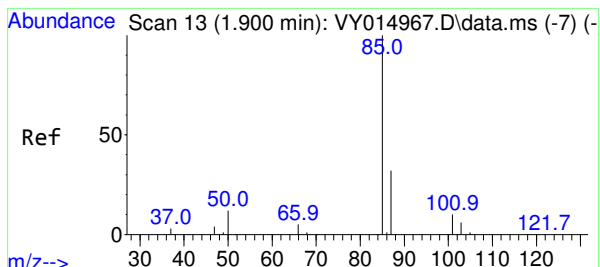
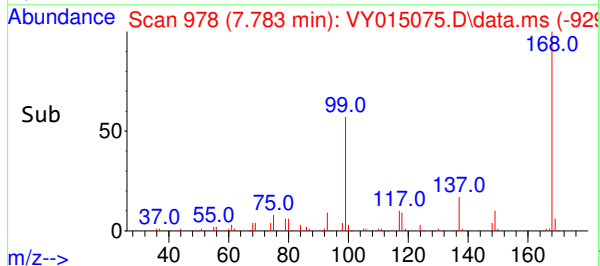
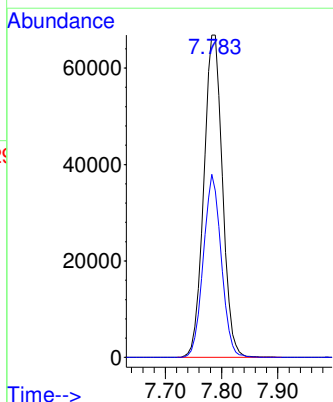
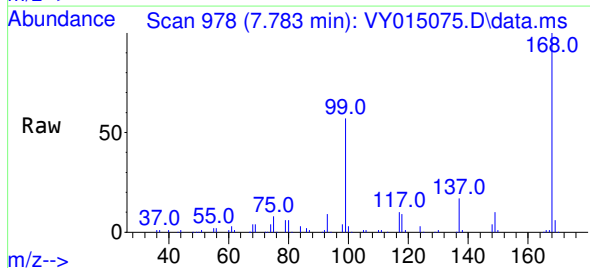




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

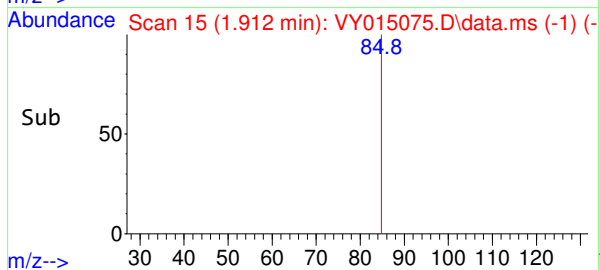
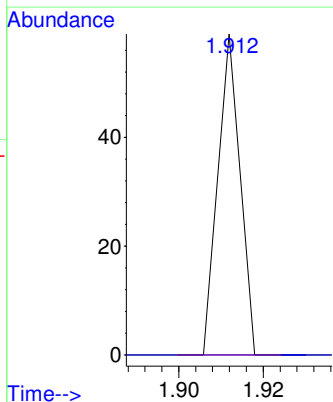
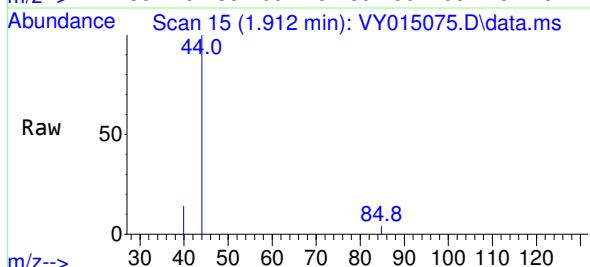
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

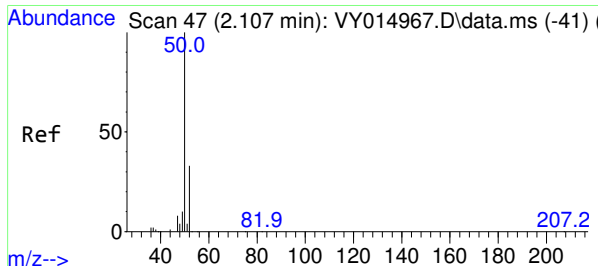
Tgt Ion:168 Resp: 153770
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

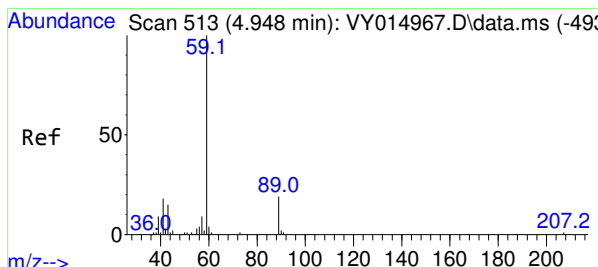
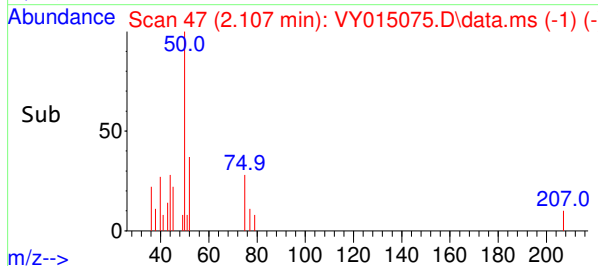
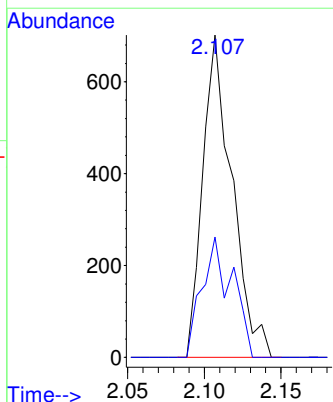
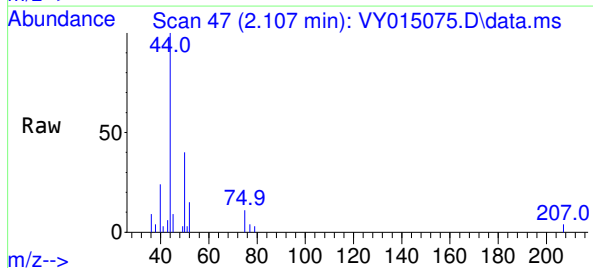




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

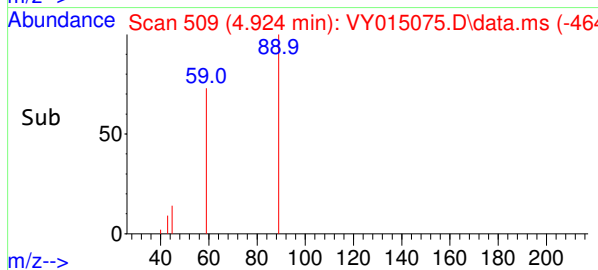
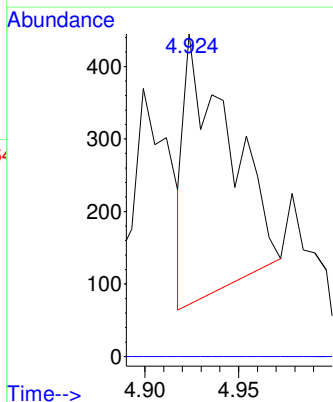
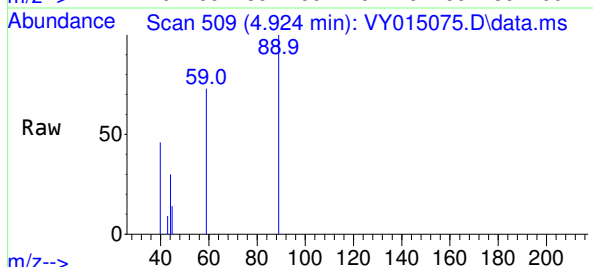
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

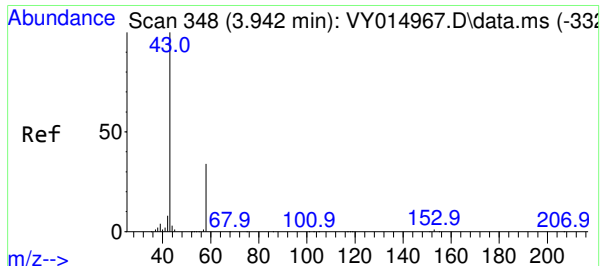
Tgt Ion: 50 Resp: 930
Ion Ratio Lower Upper
50 100
52 37.3 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

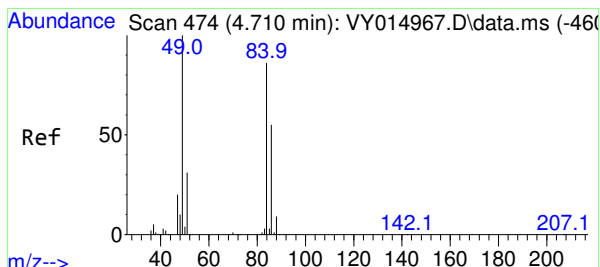
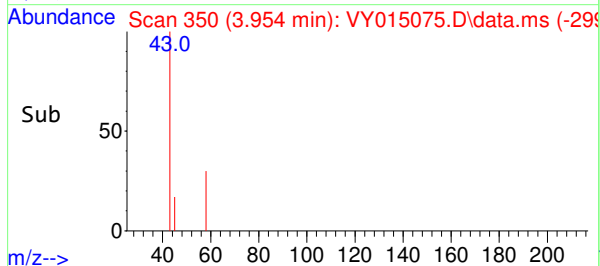
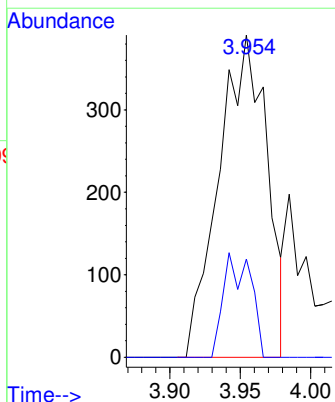
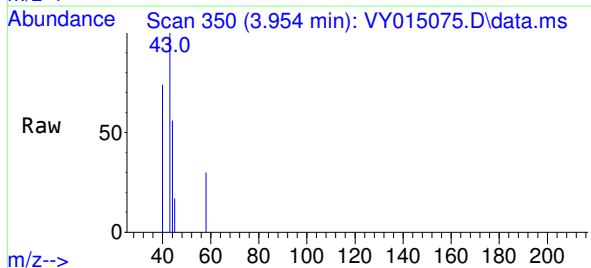




#16
Acetone
Concen: 1.54 ug/l
RT: 3.954 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

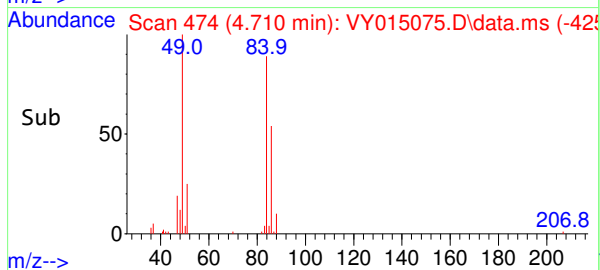
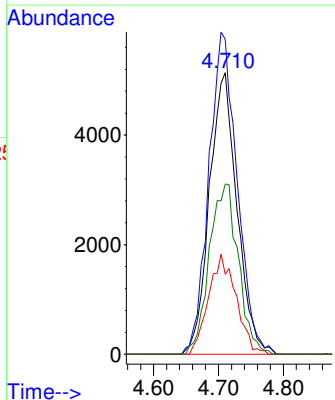
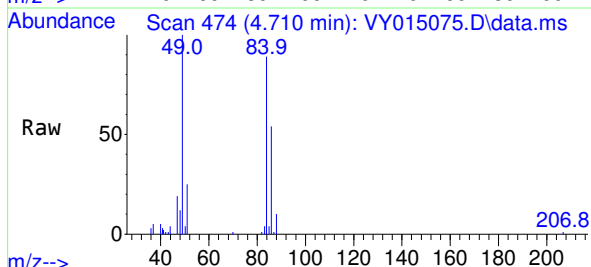
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

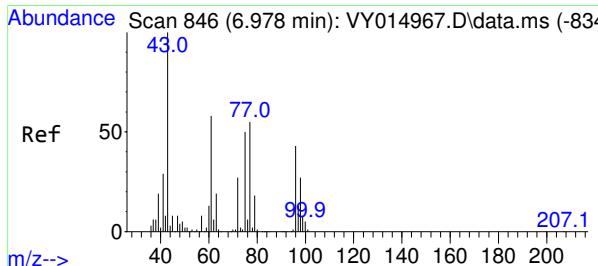
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1



#20
Methylene Chloride
Concen: 6.80 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion: 84 Resp: 15230
Ion Ratio Lower Upper
84 100
49 111.8 106.9 160.3
51 28.5 33.2 49.8#
86 60.4 51.0 76.6

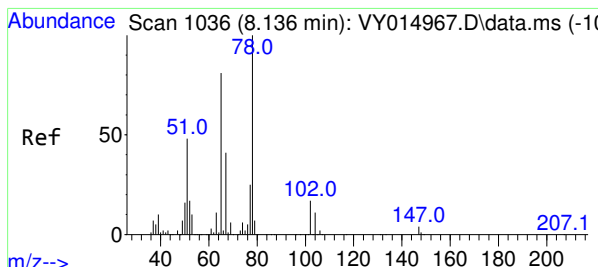
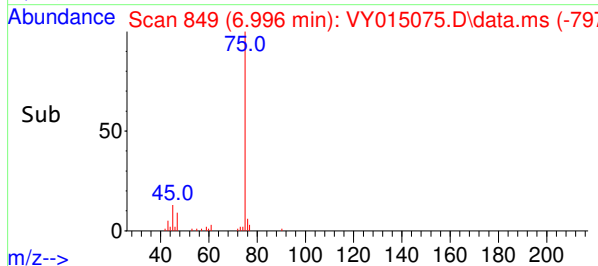
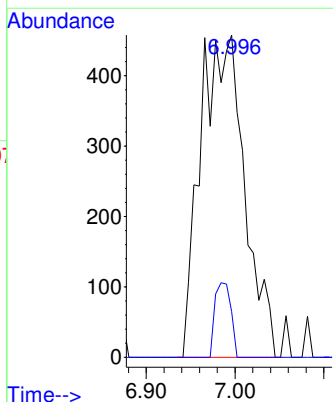
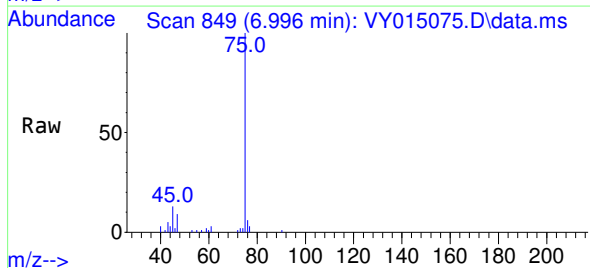




#25
2-Butanone
Concen: 1.85 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

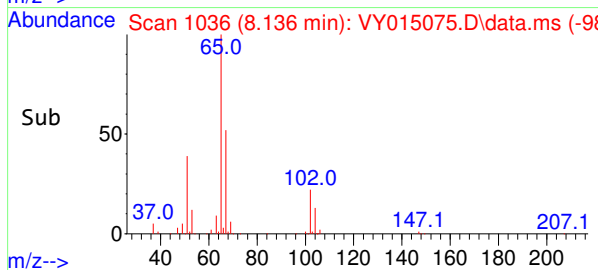
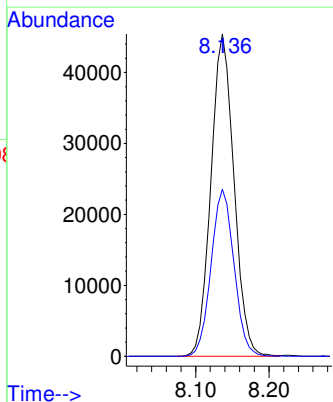
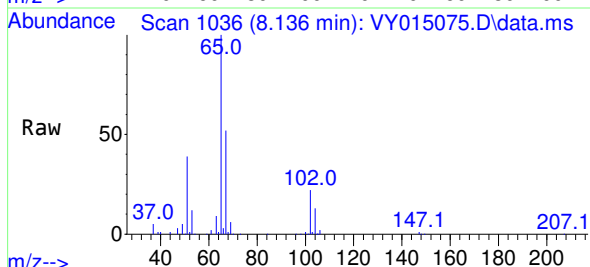
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

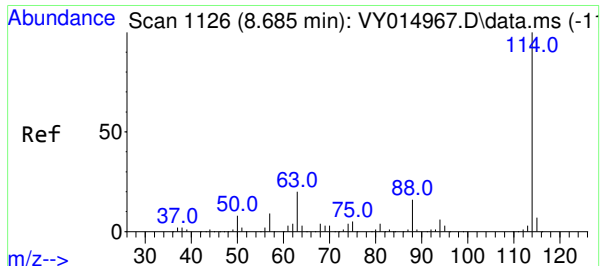
Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
72 14.2 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 53.64 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion: 65 Resp: 99016
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

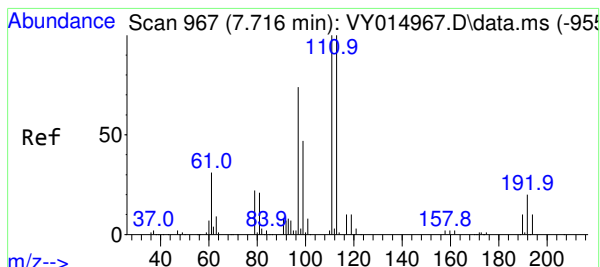
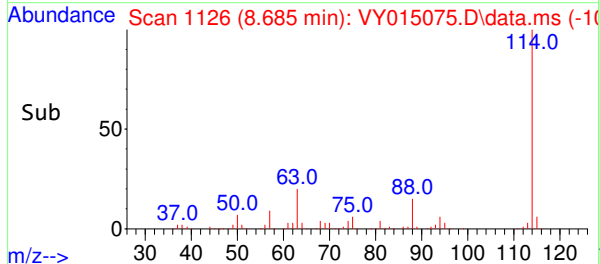
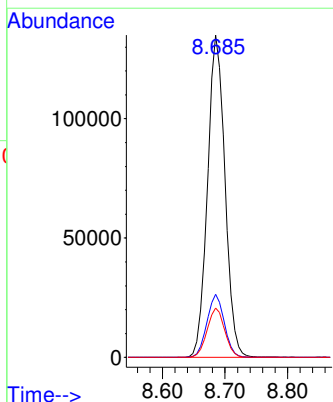
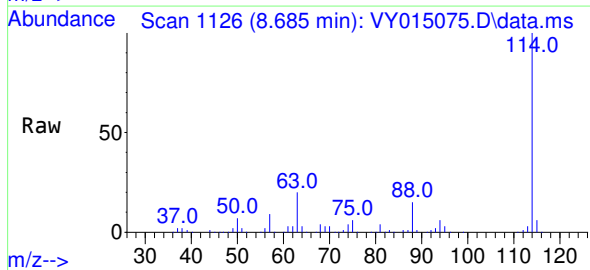




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

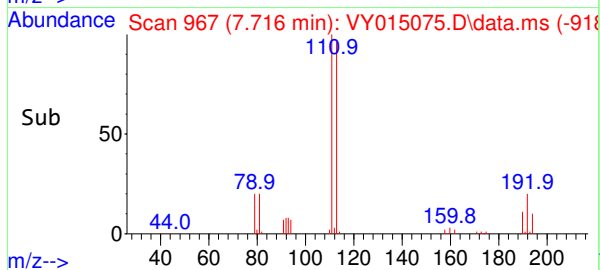
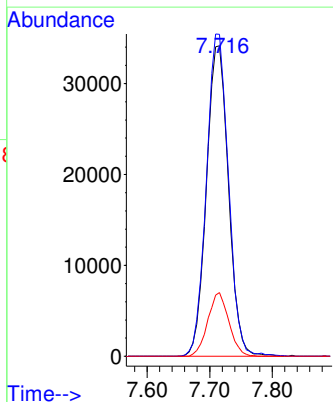
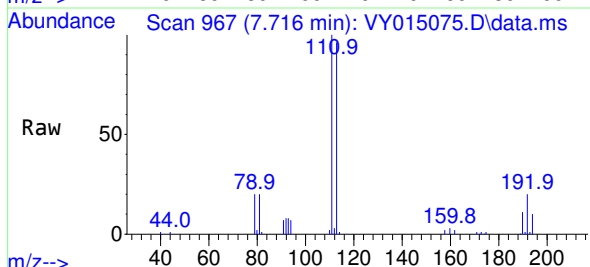
Instrument :
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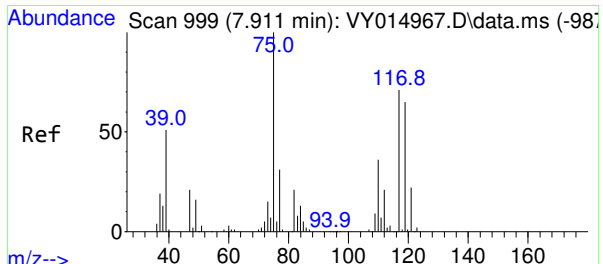
Tgt Ion:	114	Resp:	262792
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.4
88	15.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.66 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion:	113	Resp:	83965
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	19.6	16.9	25.3

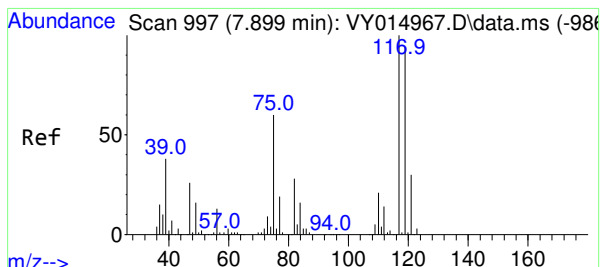
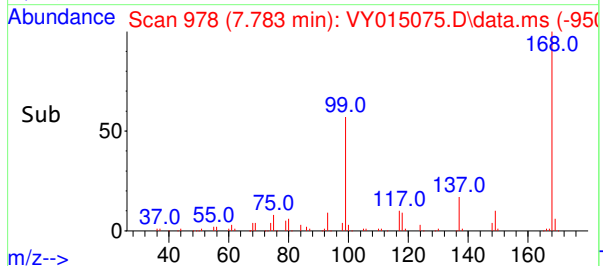
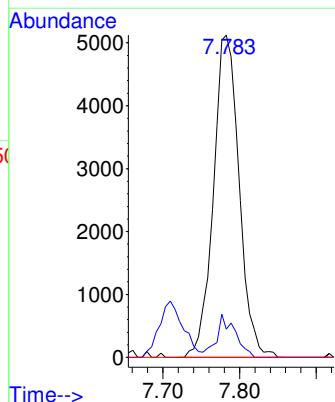
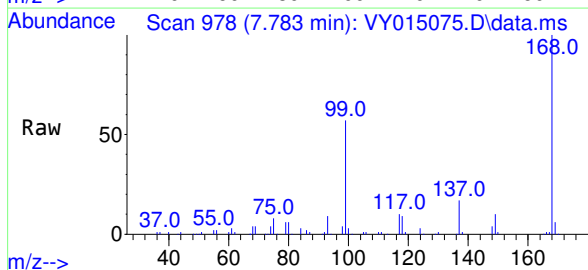




#36
1,1-Dichloropropene
Concen: 6.38 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

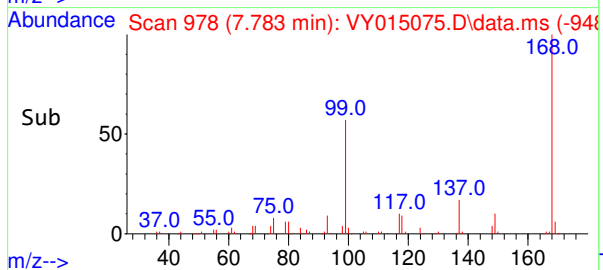
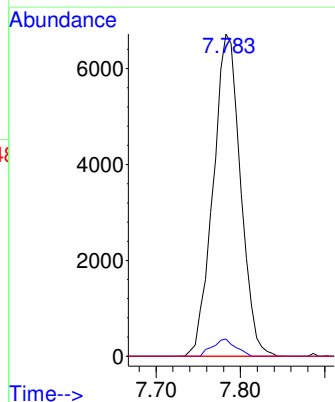
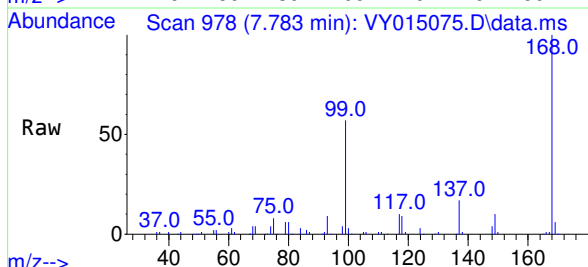
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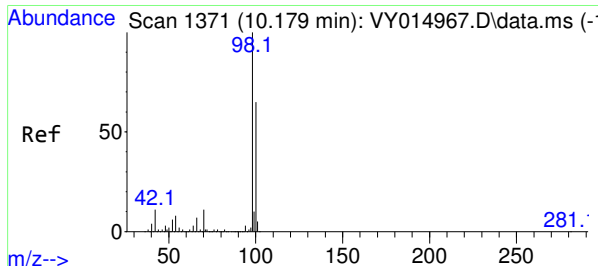
Tgt Ion:	75	Resp:	11935
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.8	53.5#
77	0.0	24.4	36.6#



#38
Carbon Tetrachloride
Concen: 6.87 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion:	117	Resp:	15200
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	25.8	38.6#

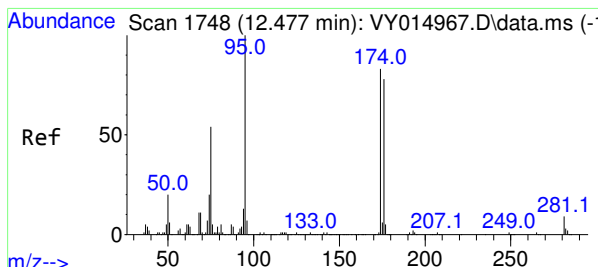
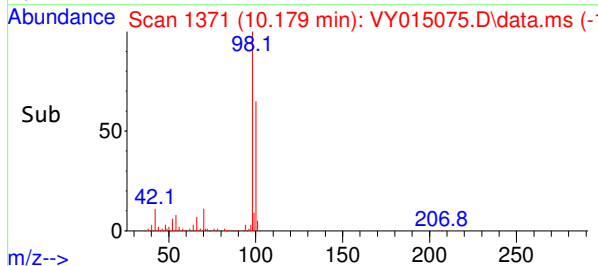
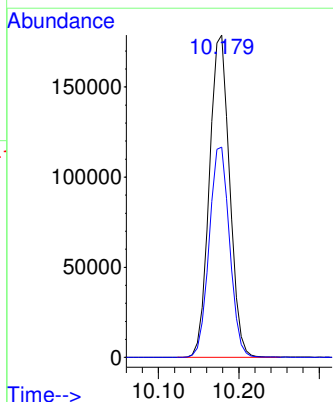
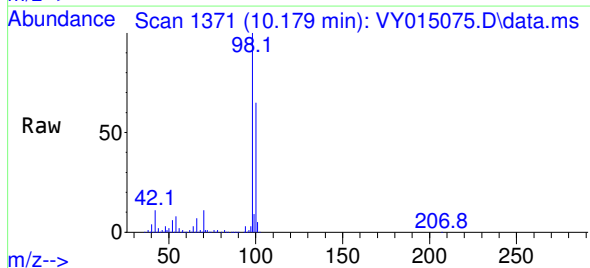




#50
Toluene-d8
Concen: 49.66 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

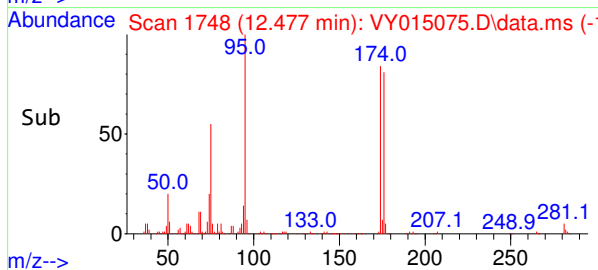
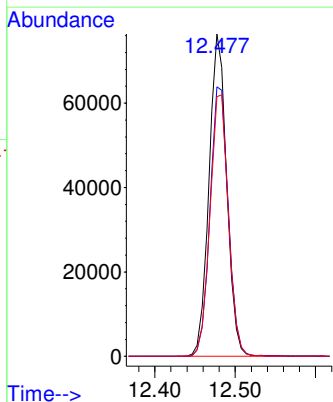
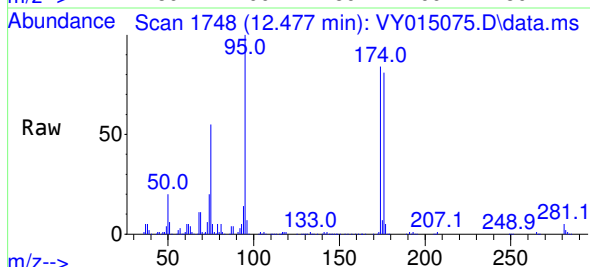
Instrument :
MSVOA_Y
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VY0814SBL01

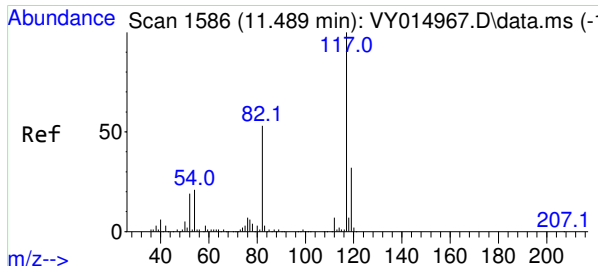
Tgt Ion: 98 Resp: 312526
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.65 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion: 95 Resp: 116422
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.5 0.0 173.8

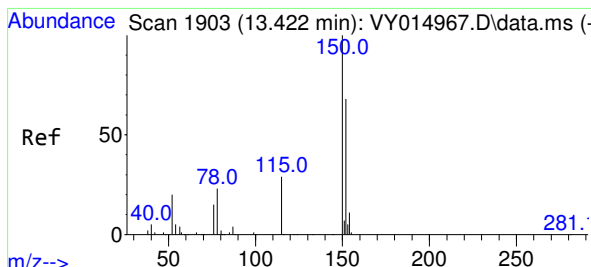
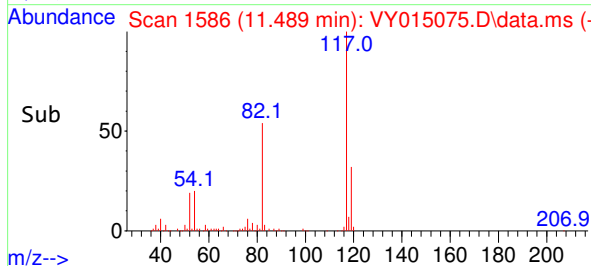
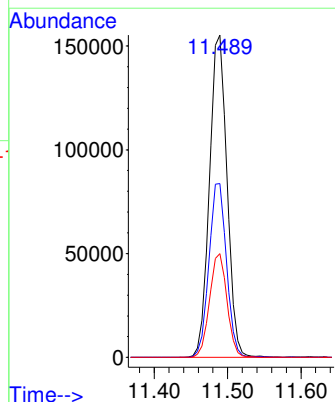
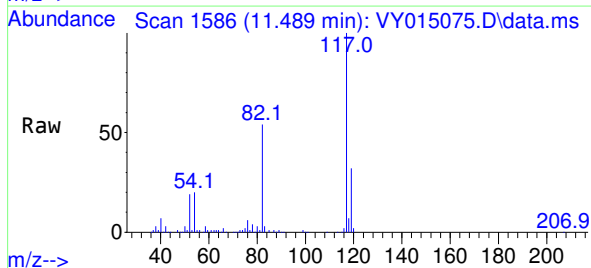




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

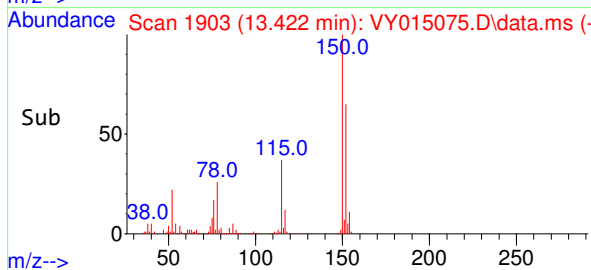
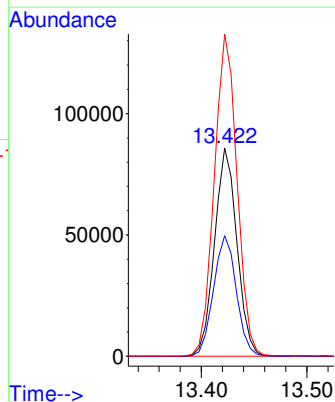
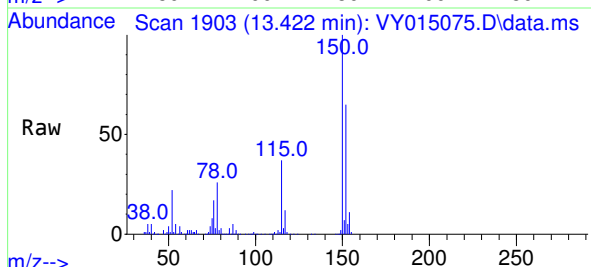
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

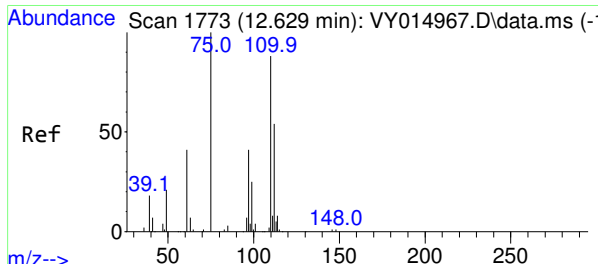
Tgt Ion:	117	Resp:	257849
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.1	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion:	152	Resp:	127444
Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.8	86.5
150	157.2	0.0	348.8

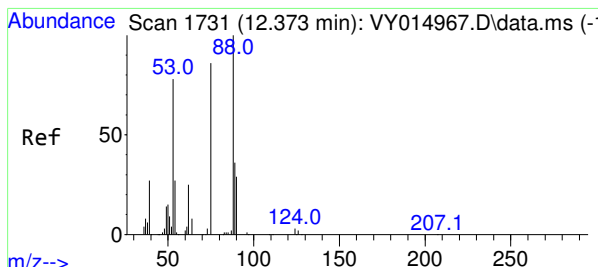
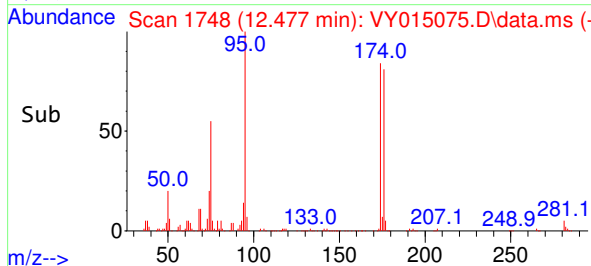
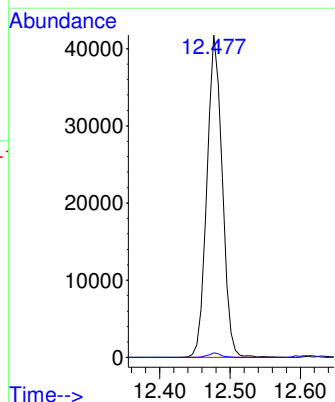
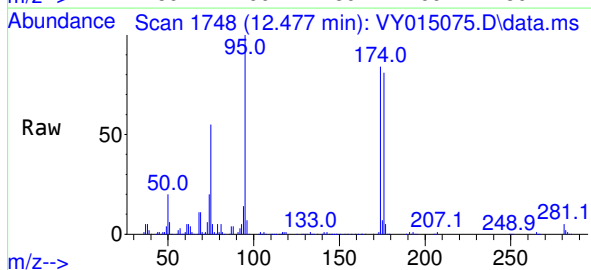




#76
1,2,3-Trichloropropane
Concen: 40.91 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Instrument : MSVOA_Y
ClientSampleId : VY0814SBL01

Tgt Ion: 75 Resp: 63346
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.86 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY015075.D
Acq: 14 Aug 2023 13:34

Tgt Ion: 75 Resp: 63346
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

