

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015375.D
 Acq On : 30 Aug 2023 14:16
 Operator : SY/MD
 Sample : 04203-05
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:00:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

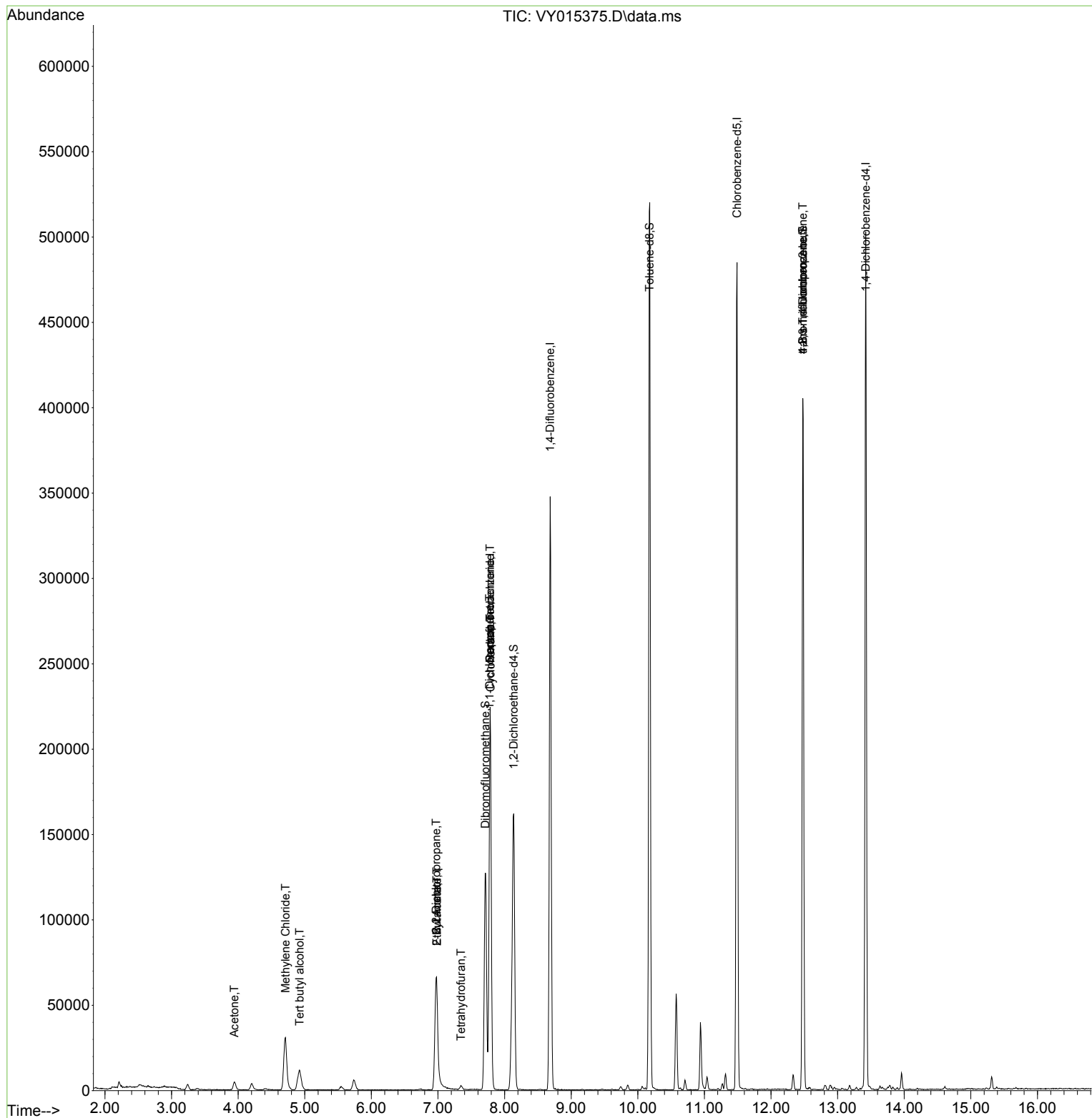
Internal Standards						
1) Pentafluorobenzene	7.783	168	172030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114013	61.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.640%	
35) Dibromofluoromethane	7.710	113	92276	55.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.800%	
50) Toluene-d8	10.179	98	340976	56.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.060%	
62) 4-Bromofluorobenzene	12.477	95	116170	51.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	12603	29.473	ug/l #	91
16) Acetone	3.942	43	8506	11.051	ug/l	92
20) Methylene Chloride	4.710	84	23497	3.800	ug/l	90
25) 2-Butanone	6.984	43	3875	3.549	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	5023	1.718	ug/l #	54
29) Tetrahydrofuran	7.344	42	1474	2.150	ug/l #	80
31) Cyclohexane	7.789	56	3653	1.115	ug/l #	21
36) 1,1-Dichloropropene	7.777	75	13252	4.531	ug/l #	50
37) Ethyl Acetate	6.984	43	3875	1.718	ug/l #	1
38) Carbon Tetrachloride	7.783	117	17409	5.763	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63680	38.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63680	83.759	ug/l #	11

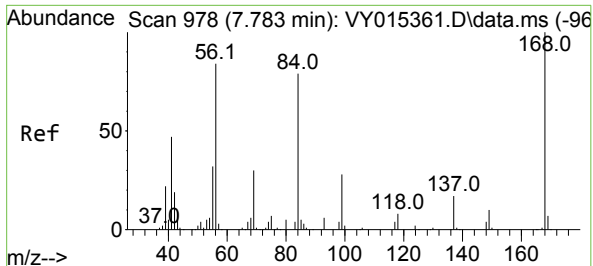
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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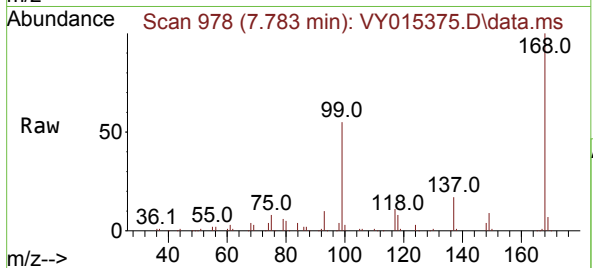
Quant Time: Aug 31 01:00:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration



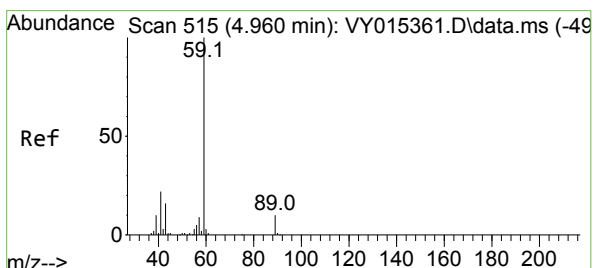
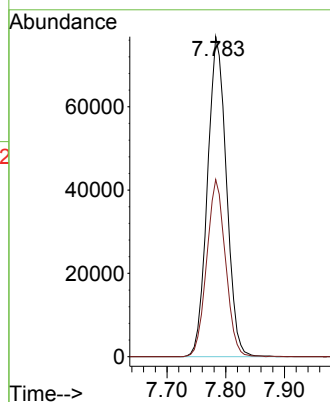
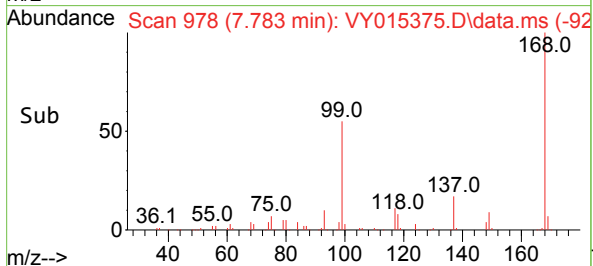


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :

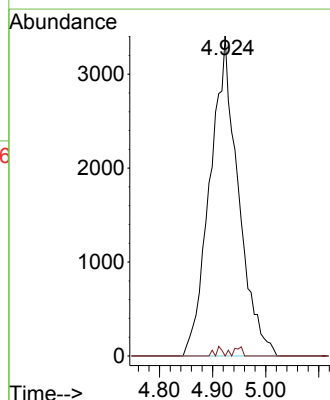
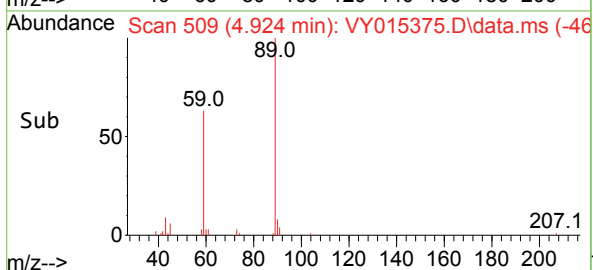
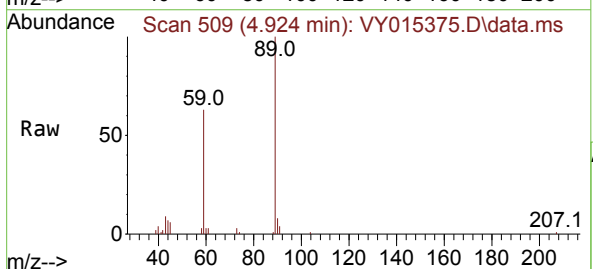


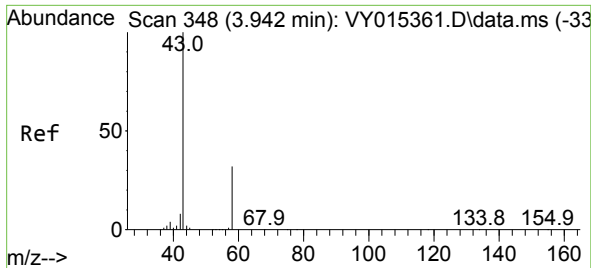
Tgt Ion:168 Resp: 172030
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 29.473 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

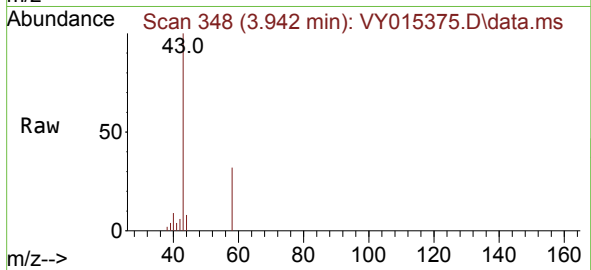
Tgt Ion: 59 Resp: 12603
Ion Ratio Lower Upper
59 100
57 0.7 3.0 4.4#



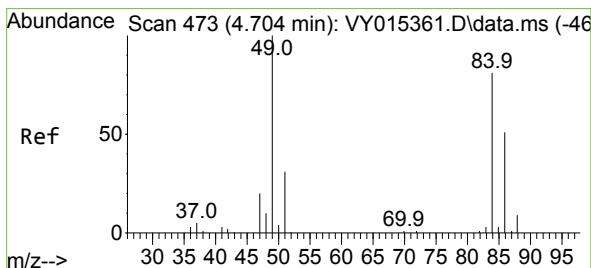
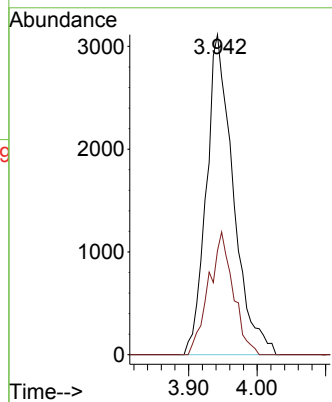
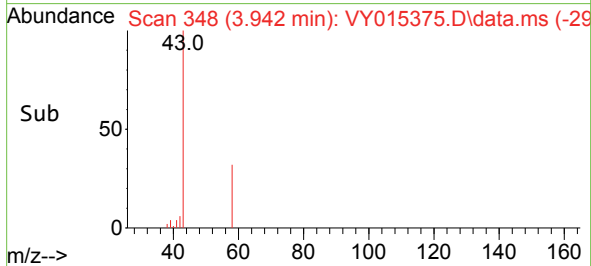


#16
Acetone
Concen: 11.051 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :

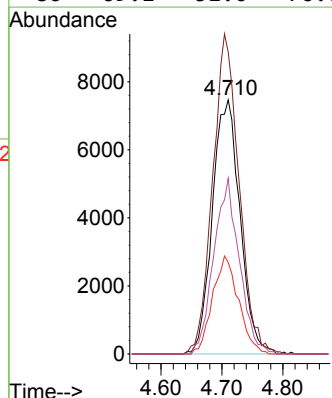
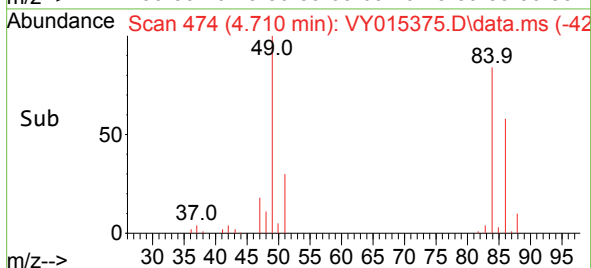
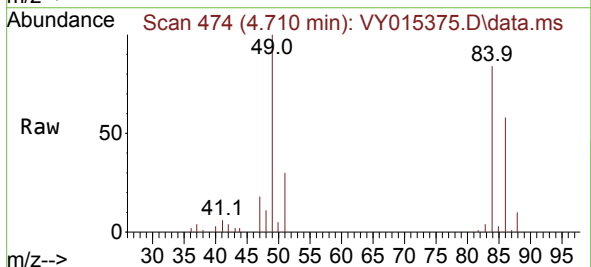


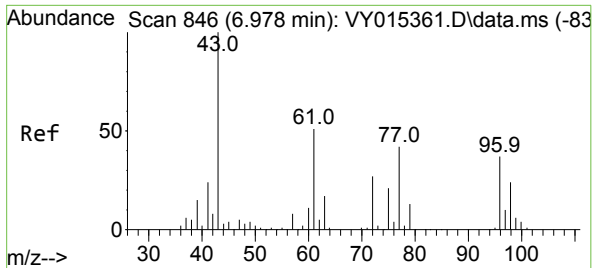
Tgt Ion: 43 Resp: 8506
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1



#20
Methylene Chloride
Concen: 3.800 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

Tgt Ion: 84 Resp: 23497
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 36.0 33.2 49.8
86 69.1 51.0 76.6

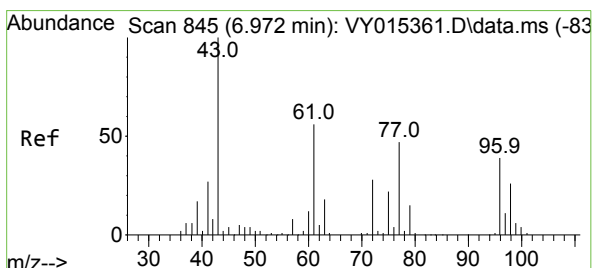
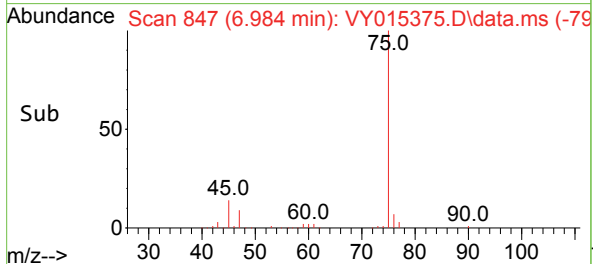
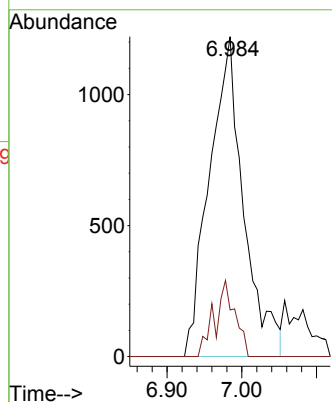
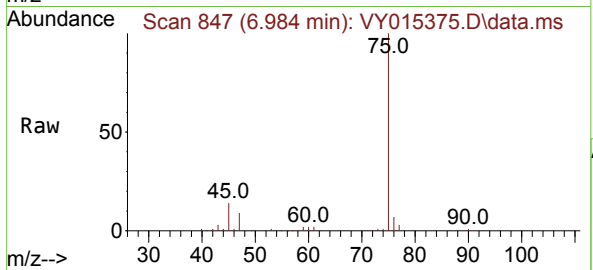




#25
2-Butanone
Concen: 3.549 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

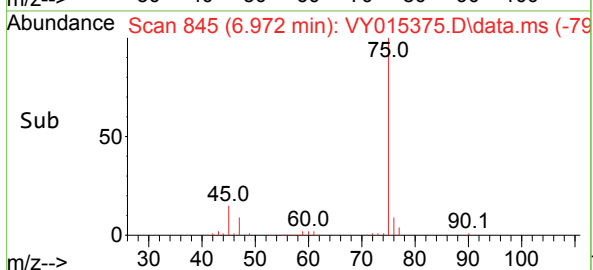
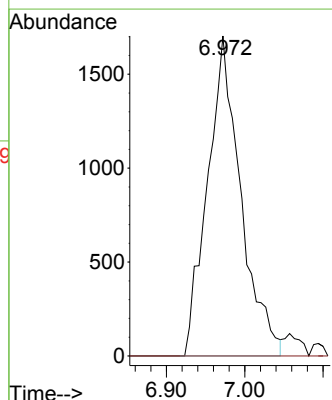
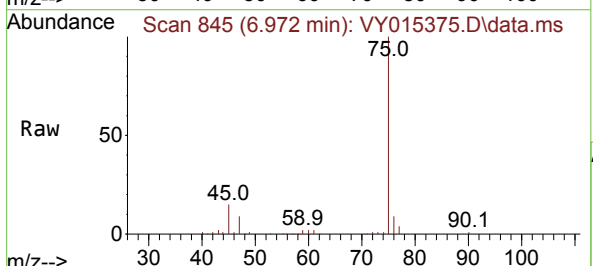
Instrument :
MSVOA_Y
ClientSampleId :

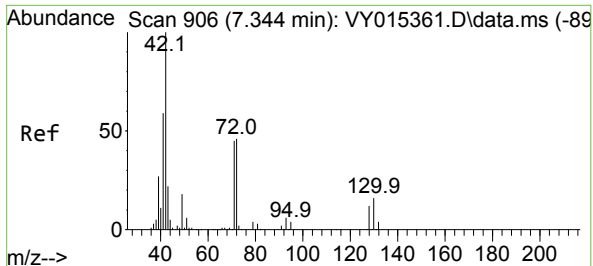
Tgt Ion: 43 Resp: 3875
Ion Ratio Lower Upper
43 100
72 14.6 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.718 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

Tgt Ion: 77 Resp: 5023
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#





#29

Tetrahydrofuran

Concen: 2.150 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015375.D

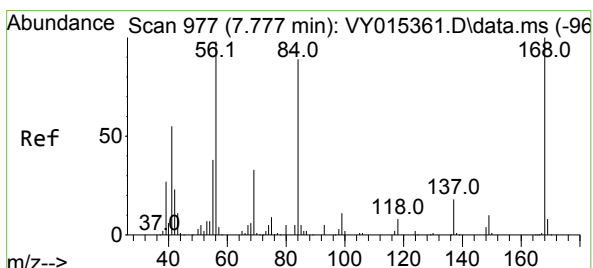
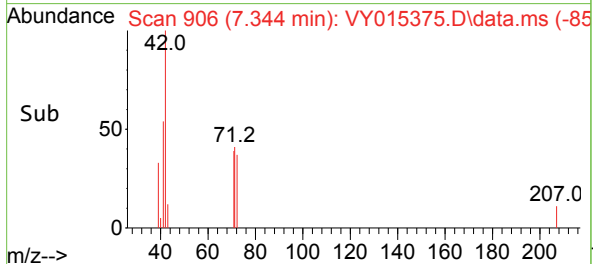
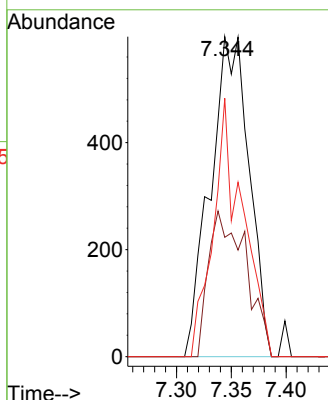
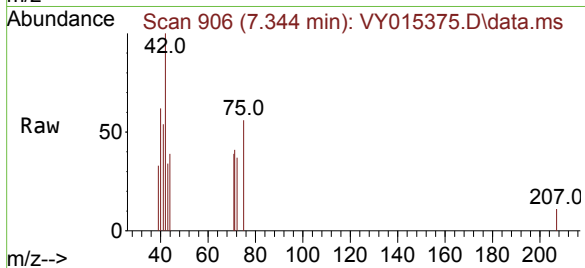
Acq: 30 Aug 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	1474
Ion	Ratio	Lower	Upper
42	100		
72	43.6	32.8	49.2
71	61.5	31.0	46.4



#31

Cyclohexane

Concen: 1.115 ug/l

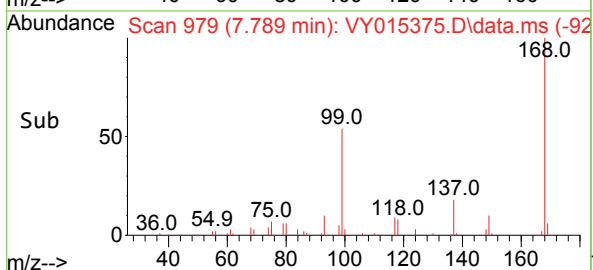
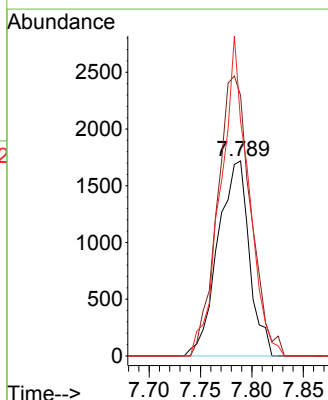
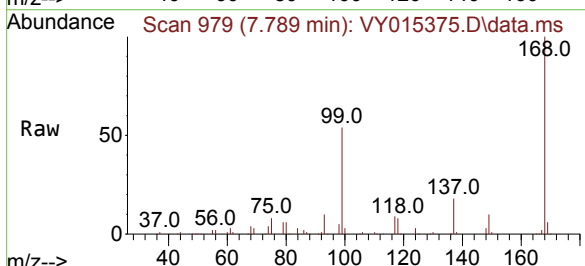
RT: 7.789 min Scan# 979

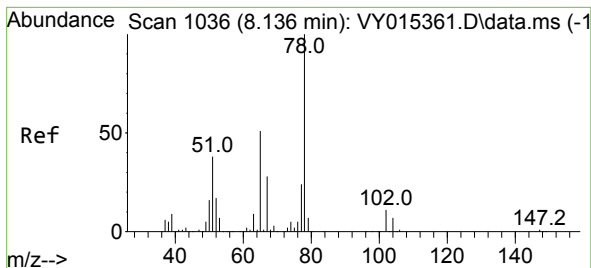
Delta R.T. 0.006 min

Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

Tgt Ion:	56	Resp:	3653
Ion	Ratio	Lower	Upper
56	100		
69	133.6	27.8	41.6
84	120.0	66.4	99.6





#33

1,2-Dichloroethane-d4

Concen: 61.825 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

Instrument :

MSVOA_Y

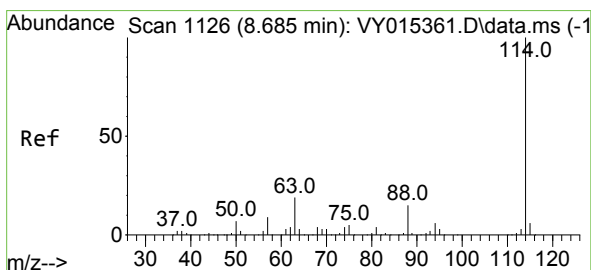
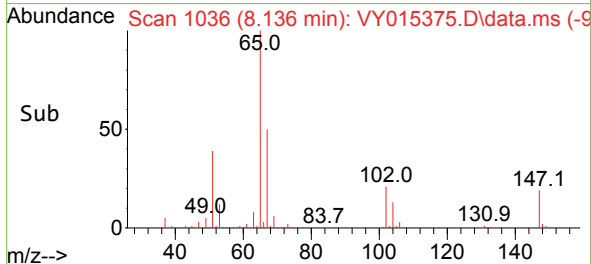
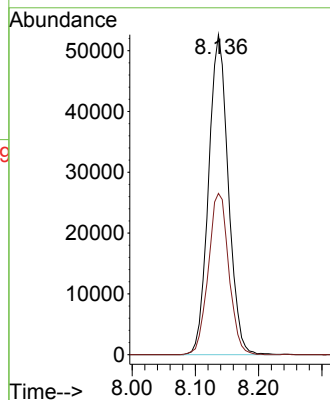
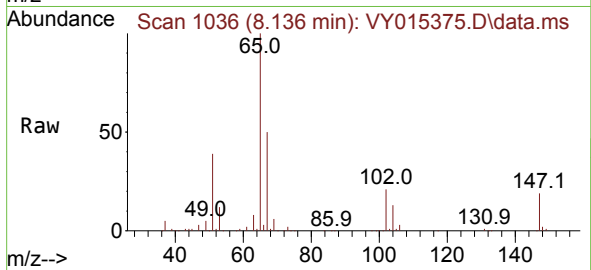
ClientSampleId :

Tgt Ion: 65 Resp: 114013

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

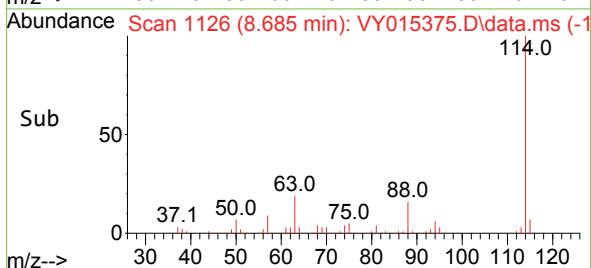
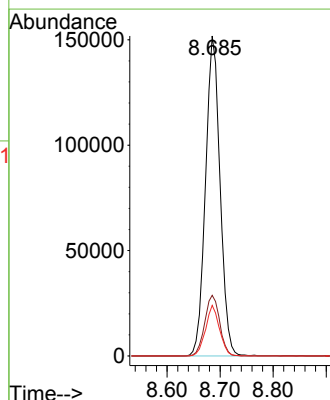
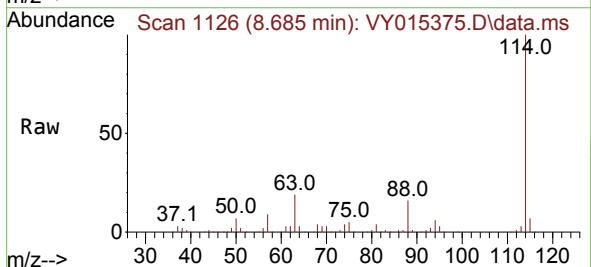
Tgt Ion: 114 Resp: 289185

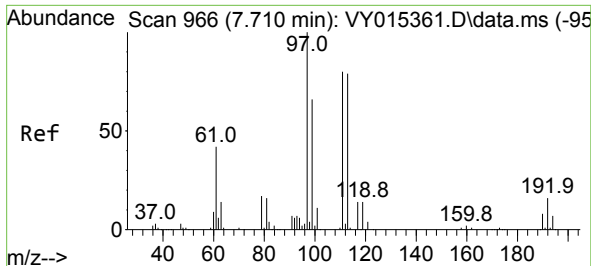
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.8 0.0 30.6

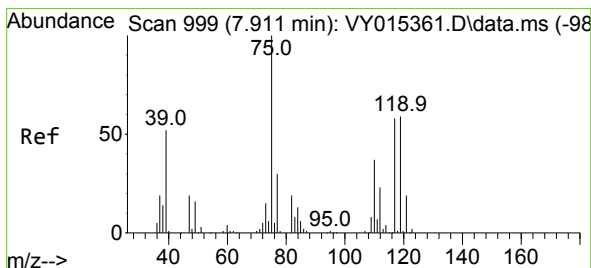
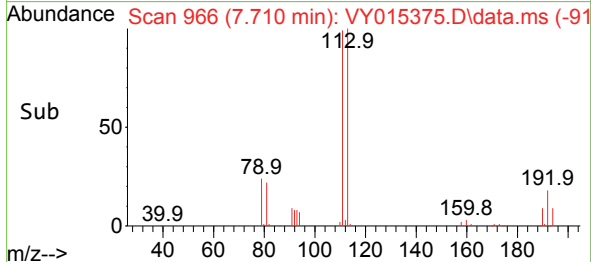
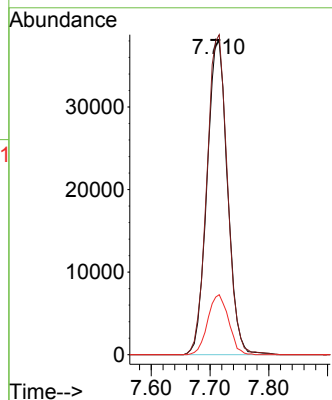
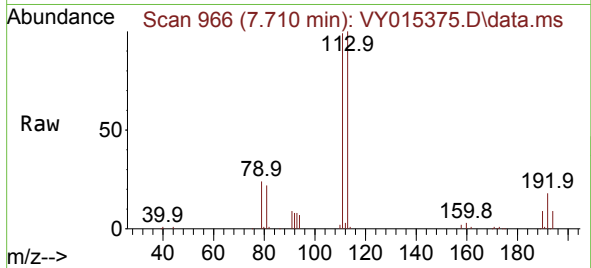




#35
Dibromofluoromethane
Concen: 55.400 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

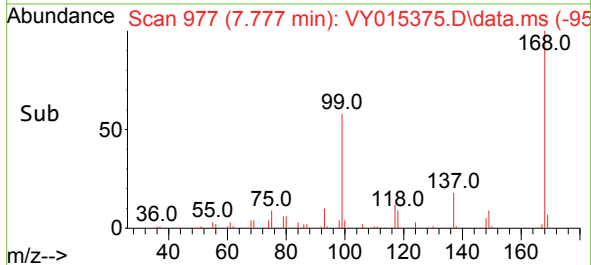
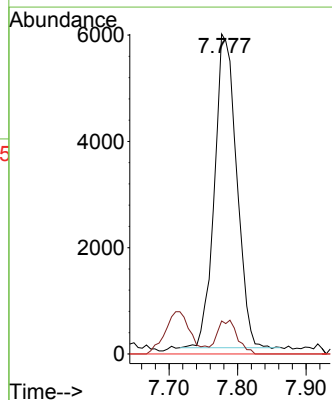
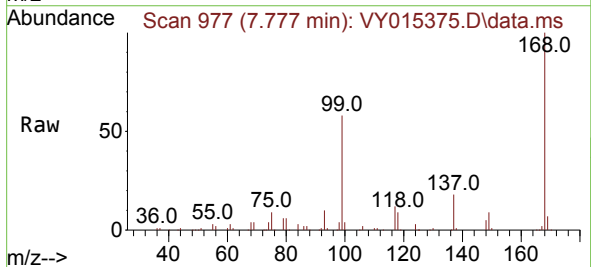
Instrument :
MSVOA_Y
ClientSampleId :

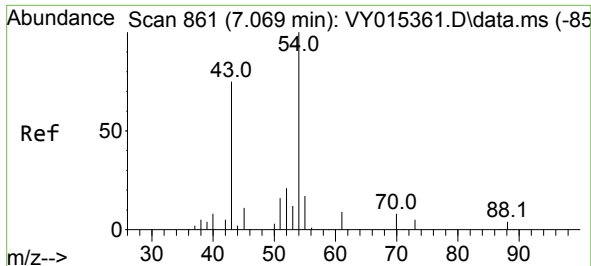
Tgt Ion:113 Resp: 92276
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

Tgt Ion: 75 Resp: 13252
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.718 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.079 min

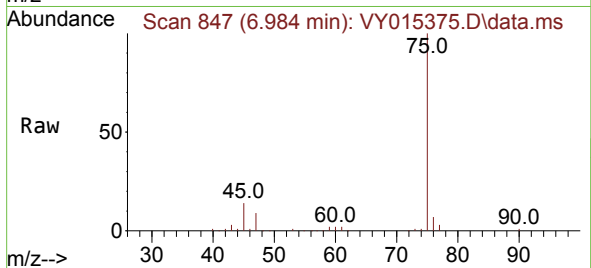
Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

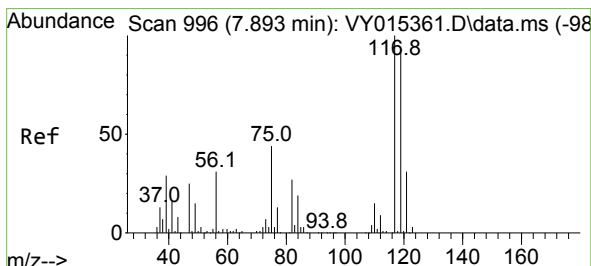
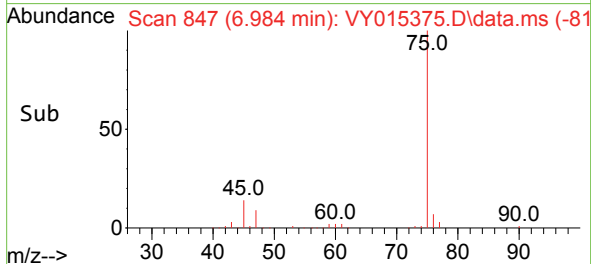
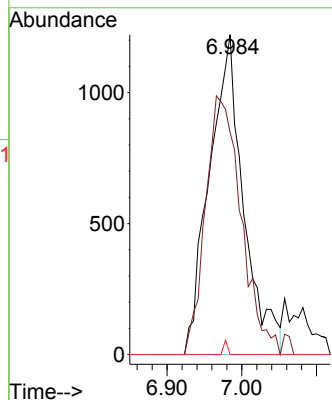
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	3875
Ion	Ratio	Lower	Upper
43	100		
61	84.5	10.1	15.1#
70	0.5	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.763 ug/l

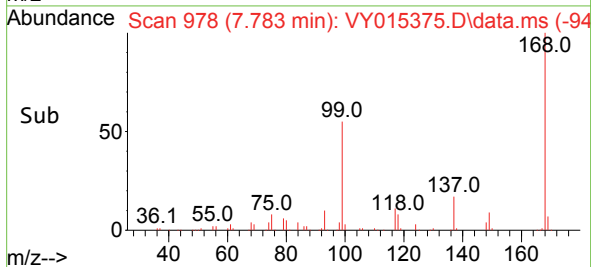
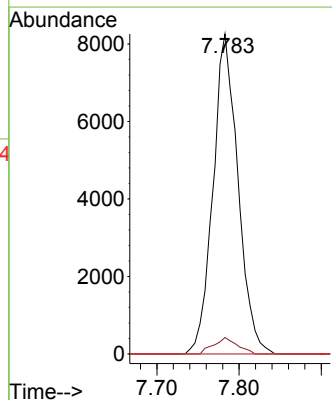
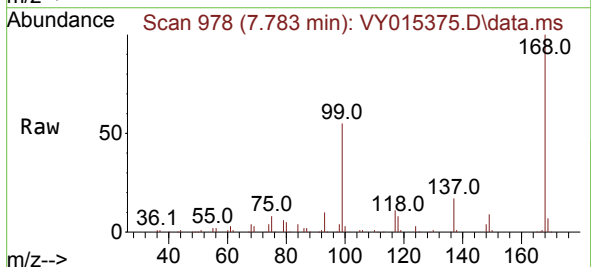
RT: 7.783 min Scan# 978

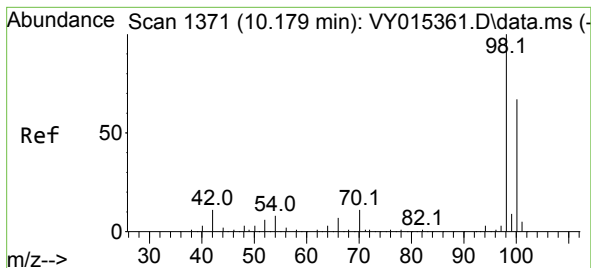
Delta R.T. -0.110 min

Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

Tgt Ion:	117	Resp:	17409
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.4	114.6#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 56.529 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

Instrument :

MSVOA_Y

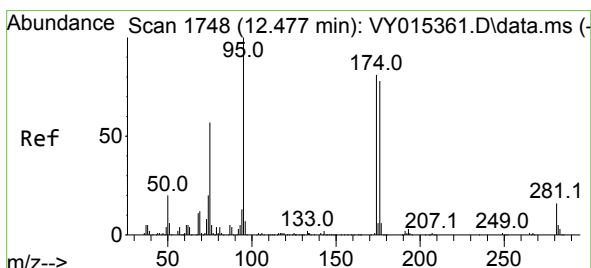
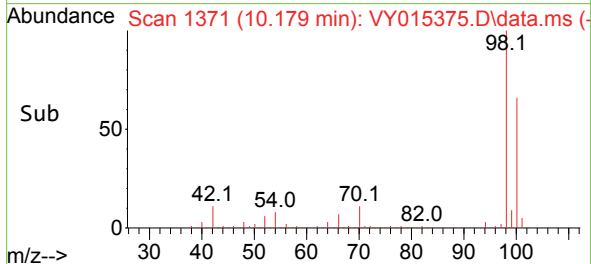
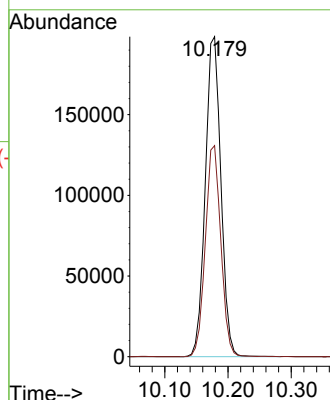
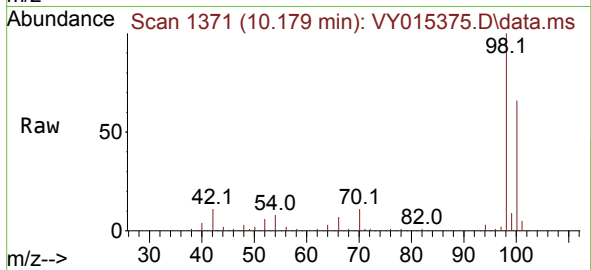
ClientSampleId :

Tgt Ion: 98 Resp: 340976

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.879 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

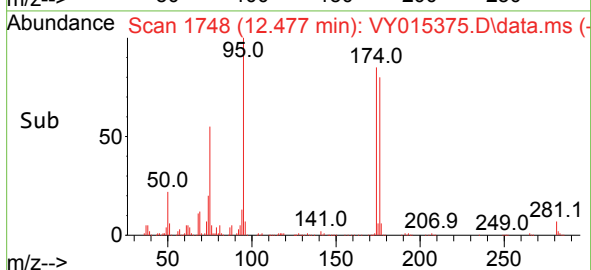
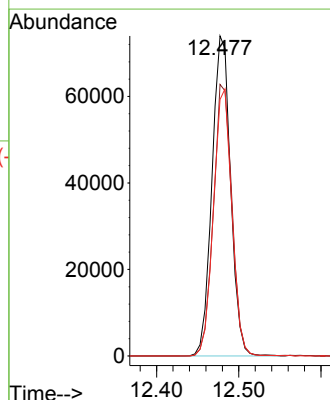
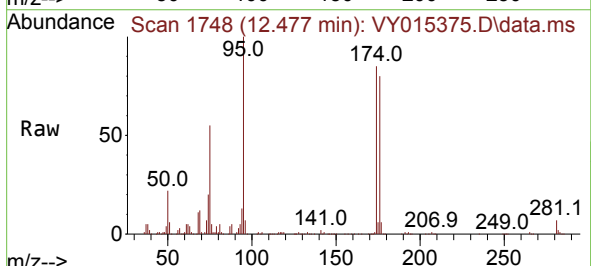
Tgt Ion: 95 Resp: 116170

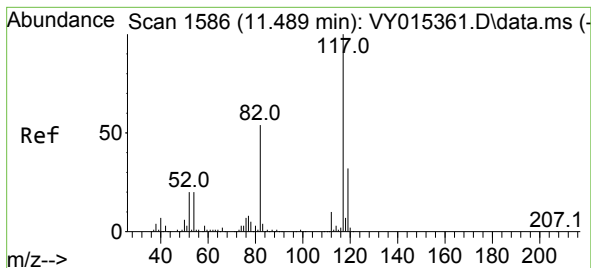
Ion Ratio Lower Upper

95 100

174 84.7 0.0 178.2

176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

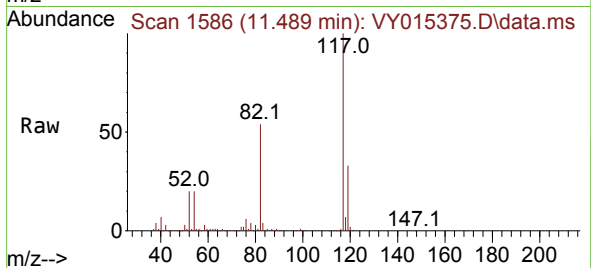
Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :



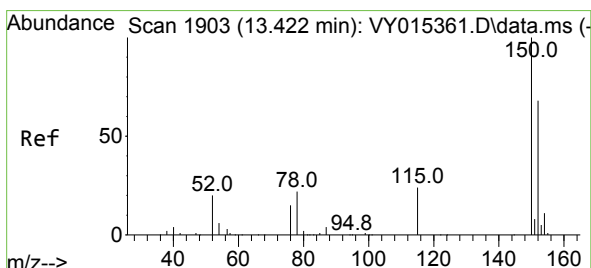
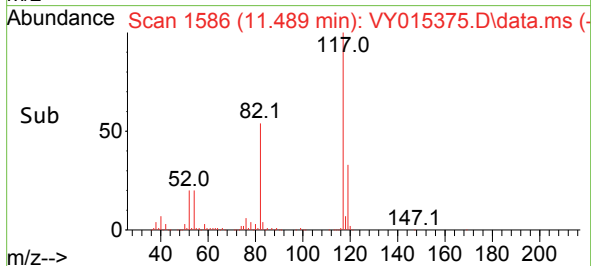
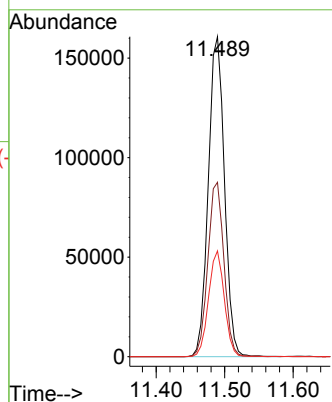
Tgt Ion:117 Resp: 263632

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015375.D

Acq: 30 Aug 2023 14:16

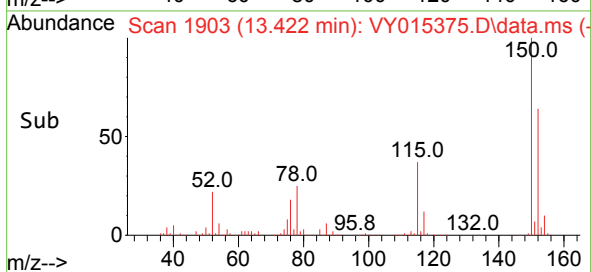
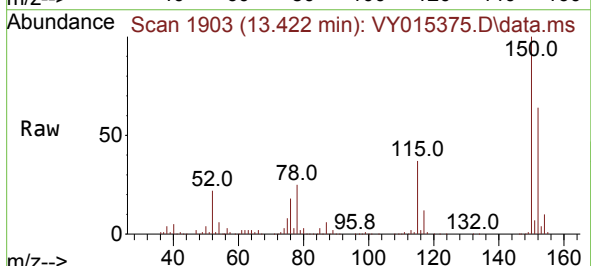
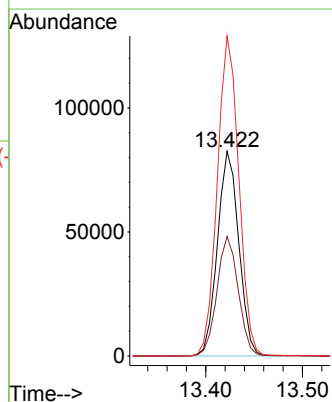
Tgt Ion:152 Resp: 126467

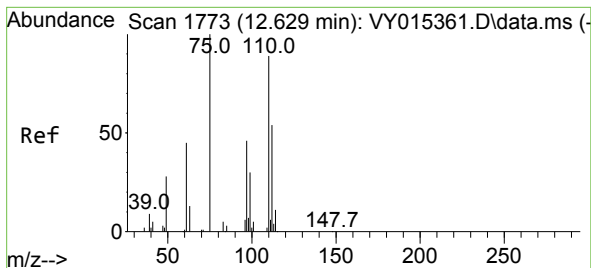
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.5 0.0 348.8

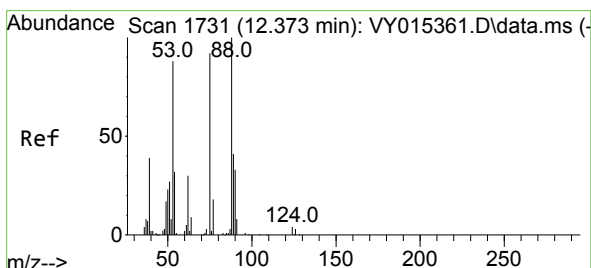
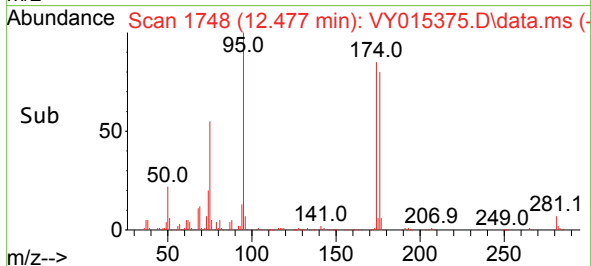
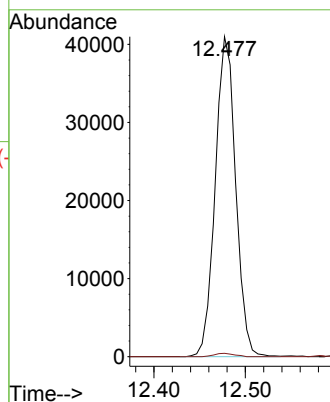
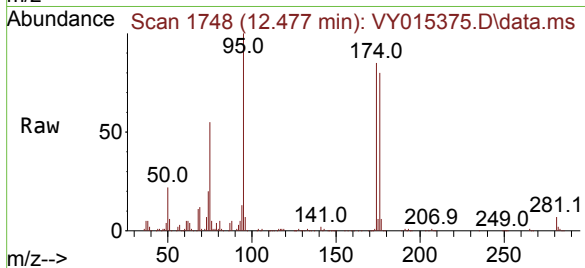




#76
1,2,3-Trichloropropane
Concen: 38.127 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63680
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.759 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015375.D
Acq: 30 Aug 2023 14:16

Tgt Ion: 75 Resp: 63680
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

