

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016039.D
 Acq On : 19 Oct 2023 15:59
 Operator : SY/MD
 Sample : 04919-03
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:37:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

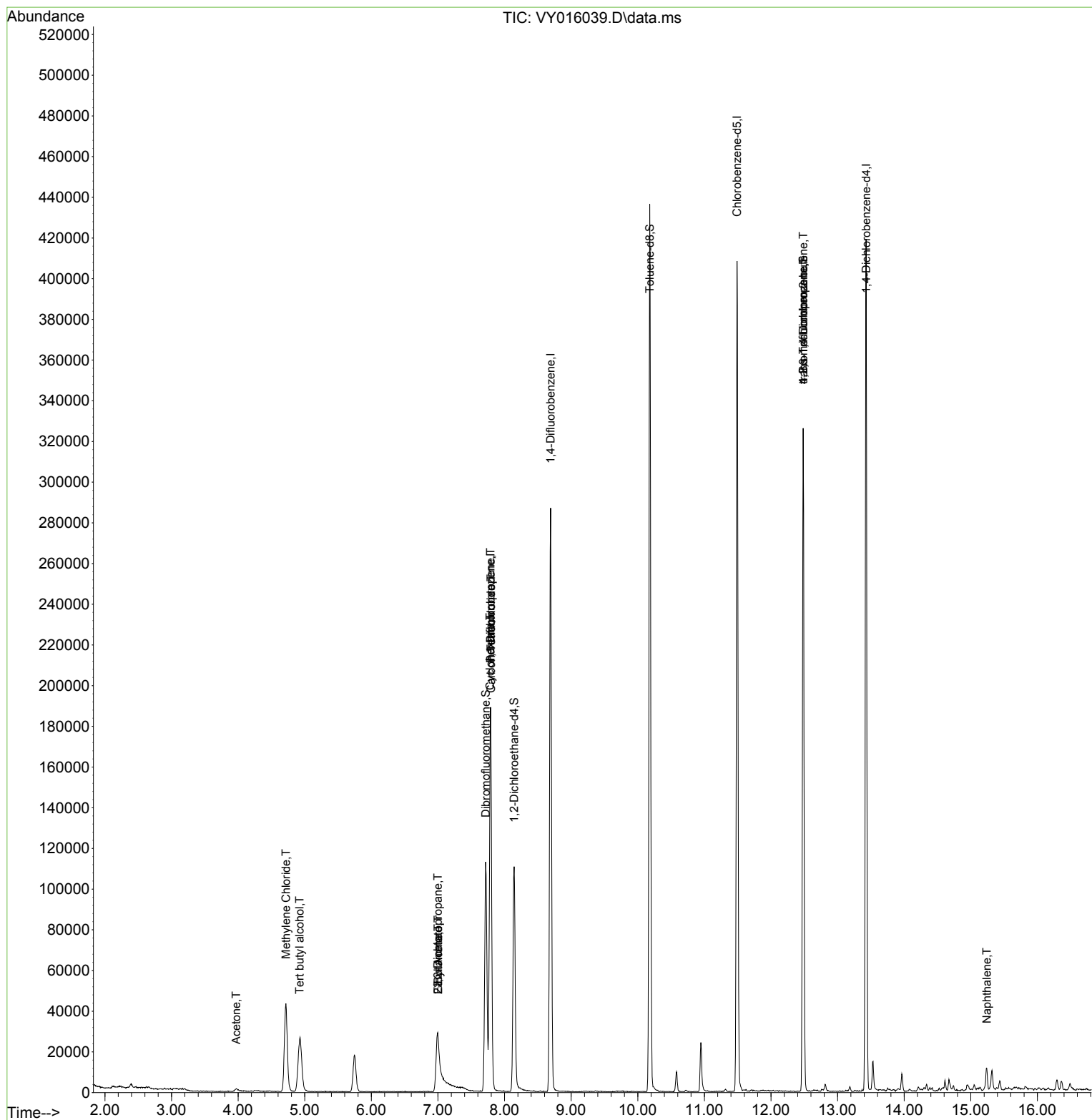
Internal Standards						
1) Pentafluorobenzene	7.789	168	149413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92044	54.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.400%
35) Dibromofluoromethane	7.716	113	80930	49.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.179	98	292068	48.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.483	95	98374	46.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	25911	98.843	ug/l #	92
16) Acetone	3.973	43	3464	5.503	ug/l #	79
20) Methylene Chloride	4.716	84	33937	18.147	ug/l	87
25) 2-Butanone	7.003	43	2674	3.101	ug/l #	75
26) 2,2-Dichloropropane	6.997	77	3235	1.242	ug/l #	54
31) Cyclohexane	7.783	56	2791	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11124	4.501	ug/l #	50
37) Ethyl Acetate	7.003	43	2674	1.501	ug/l #	13
38) Carbon Tetrachloride	7.795	117	14729	5.607	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51866	33.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51866	73.324	ug/l #	11
95) Naphthalene	15.239	128	9783	1.769	ug/l	97

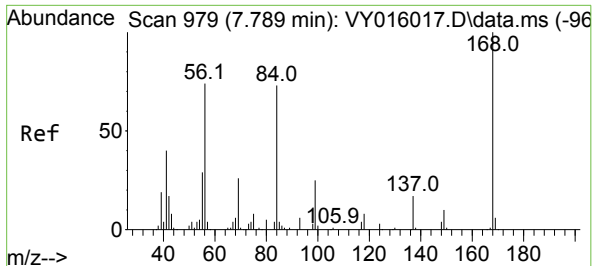
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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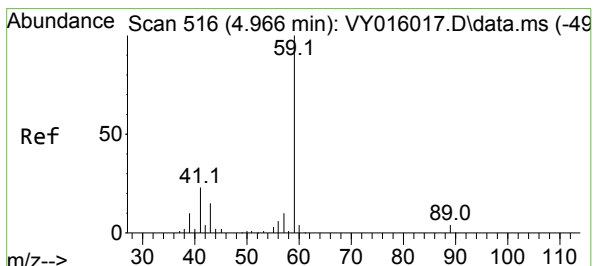
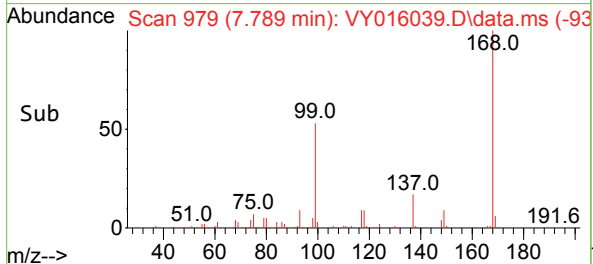
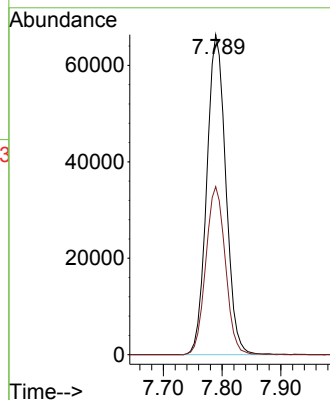
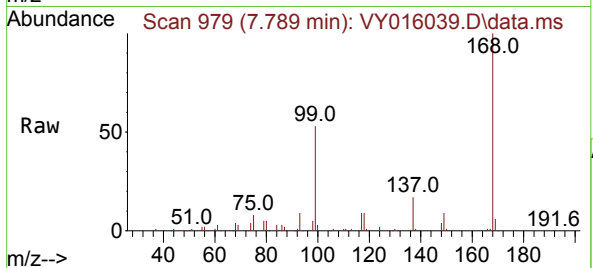




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

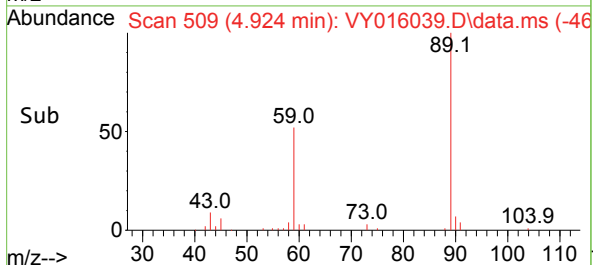
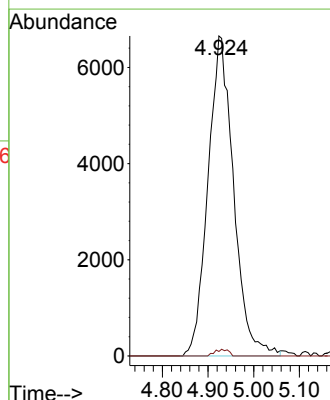
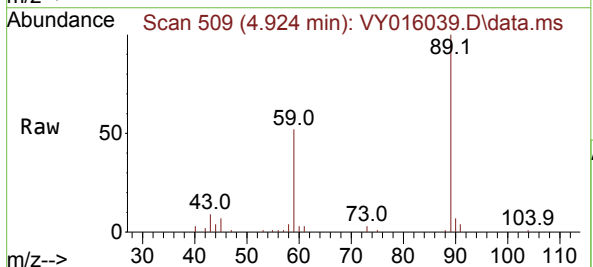
Instrument :
MSVOA_Y
ClientSampleId :

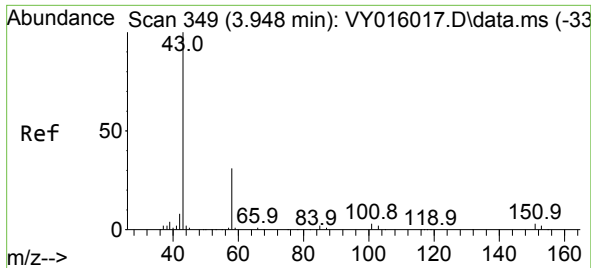
Tgt Ion:168 Resp: 149413
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 98.843 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.043 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

Tgt Ion: 59 Resp: 25911
Ion Ratio Lower Upper
59 100
57 1.1 3.0 4.4#





#16

Acetone

Concen: 5.503 ug/l

RT: 3.973 min Scan# 349

Delta R.T. 0.024 min

Lab File: VY016039.D

Acq: 19 Oct 2023 15:59

Instrument :

MSVOA_Y

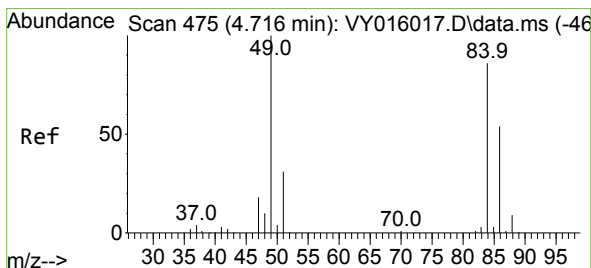
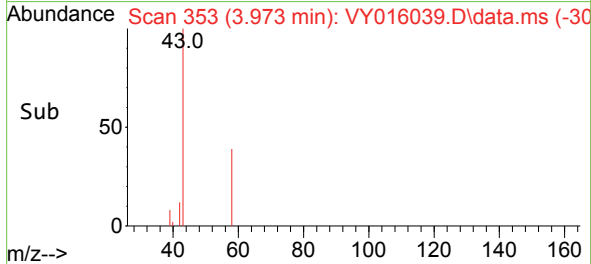
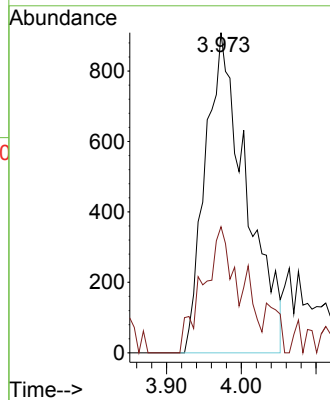
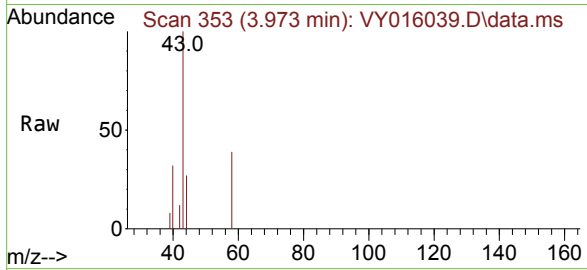
ClientSampleId :

Tgt Ion: 43 Resp: 3464

Ion Ratio Lower Upper

43 100

58 39.4 22.7 34.1#



#20

Methylene Chloride

Concen: 18.147 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY016039.D

Acq: 19 Oct 2023 15:59

Tgt Ion: 84 Resp: 33937

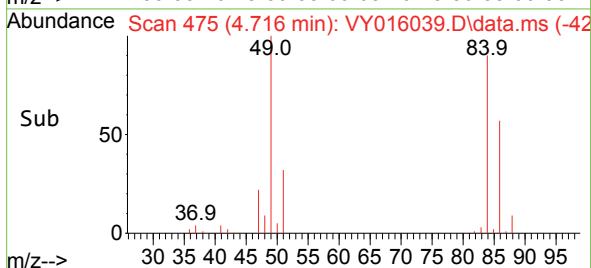
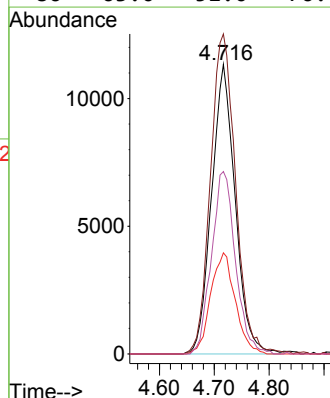
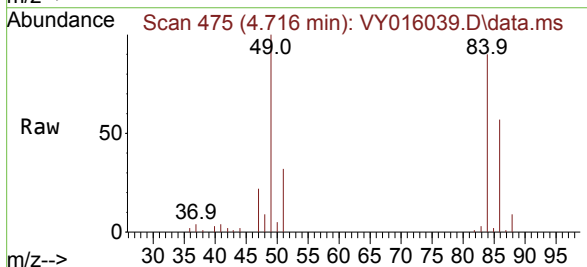
Ion Ratio Lower Upper

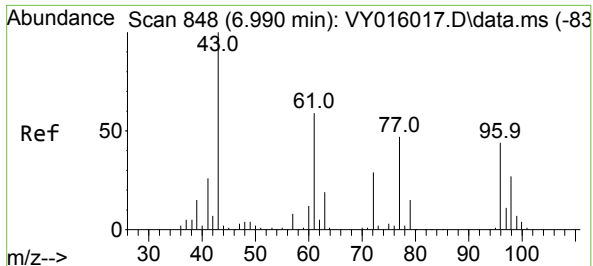
84 100

49 110.5 106.9 160.3

51 34.9 33.2 49.8

86 63.0 51.0 76.6

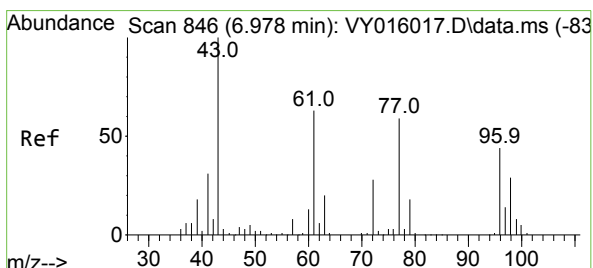
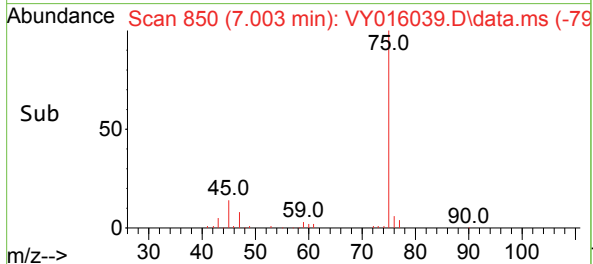
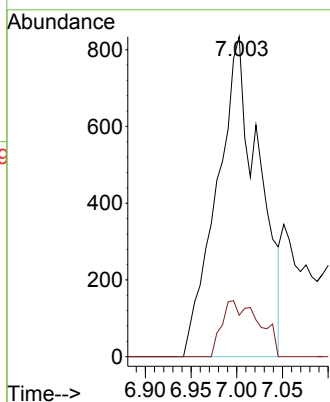
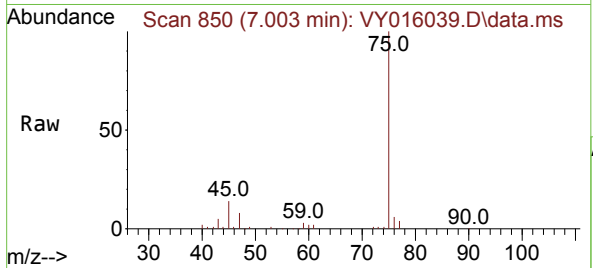




#25
2-Butanone
Concen: 3.101 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

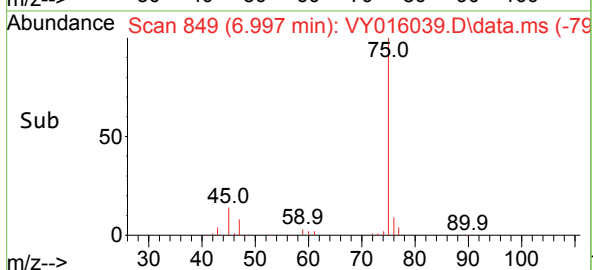
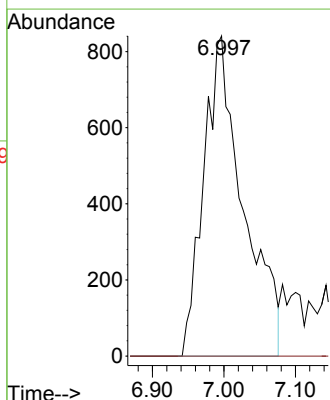
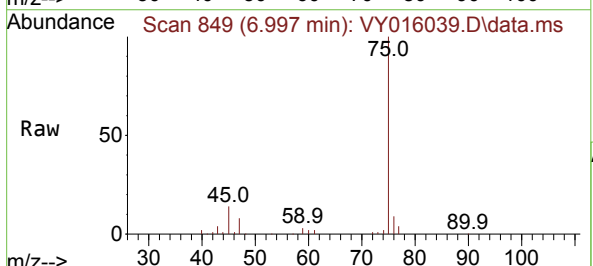
Instrument :
MSVOA_Y
ClientSampleId :

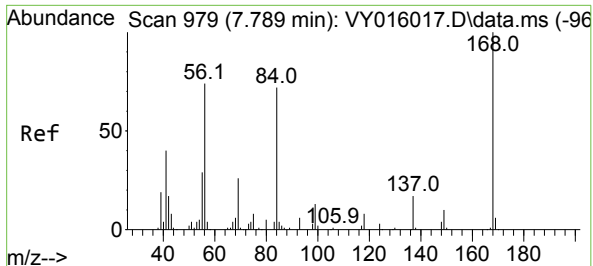
Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
72 12.9 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.242 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

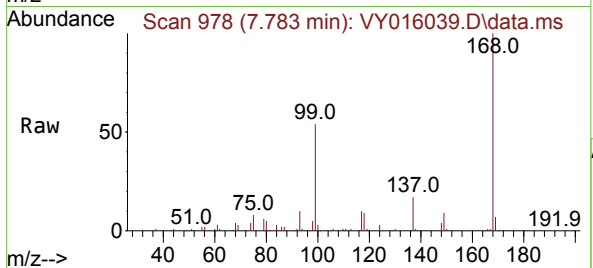
Tgt Ion: 77 Resp: 3235
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



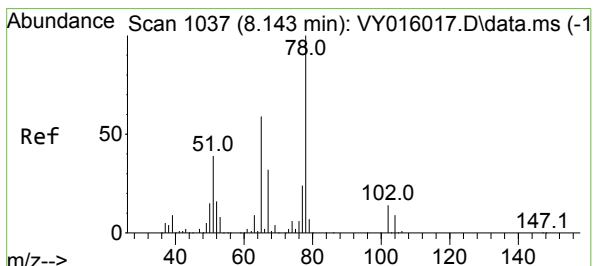
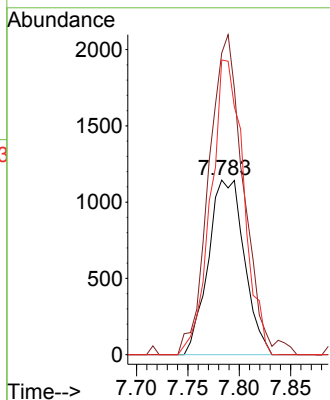
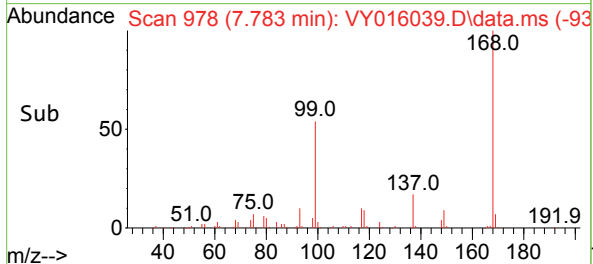


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :

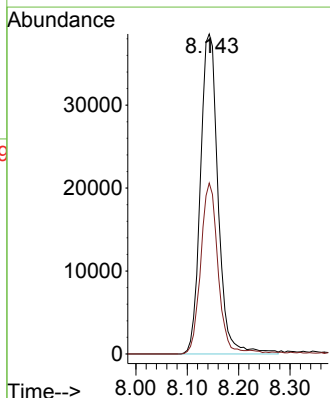
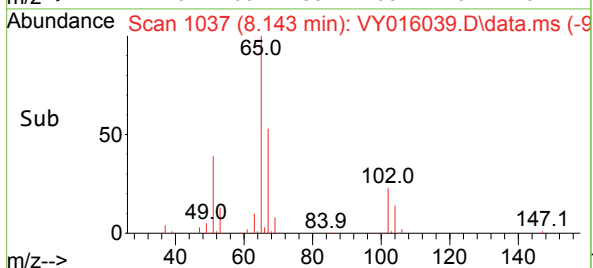
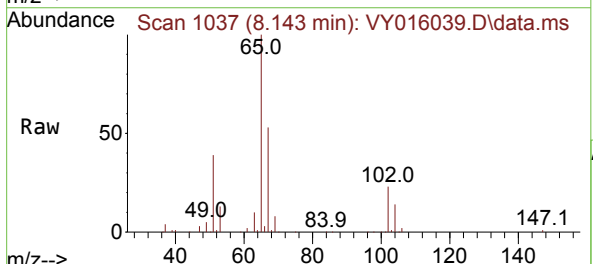


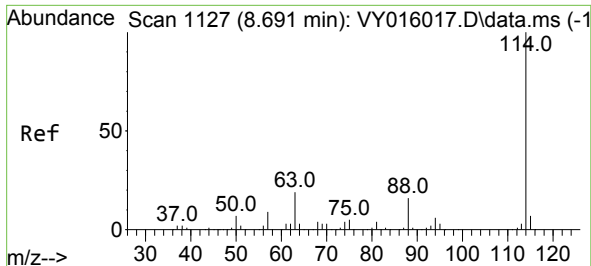
Tgt Ion: 56 Resp: 2791
Ion Ratio Lower Upper
56 100
69 172.8 27.8 41.6#
84 168.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.201 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

Tgt Ion: 65 Resp: 92044
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

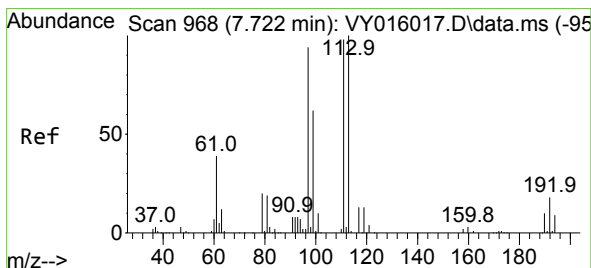
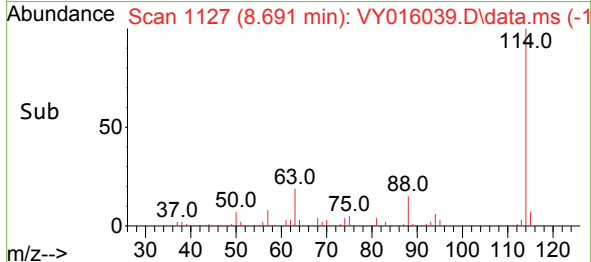
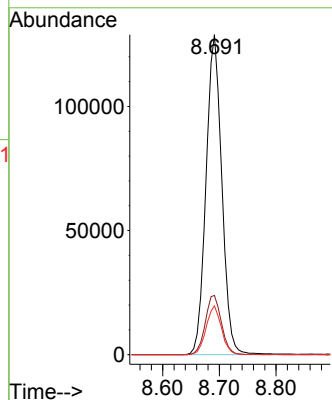
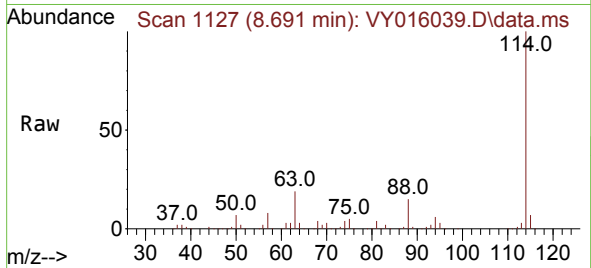




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

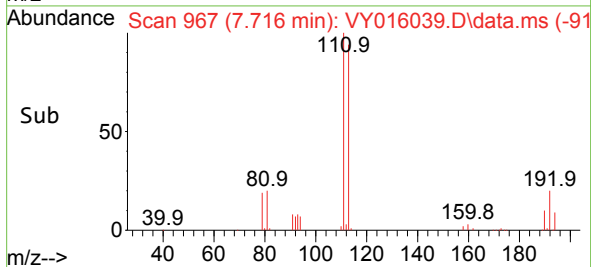
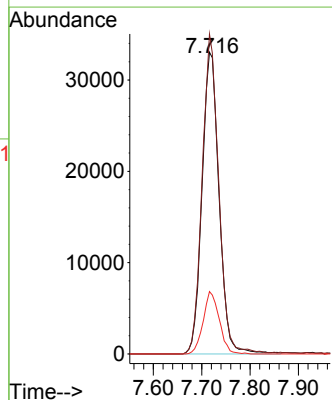
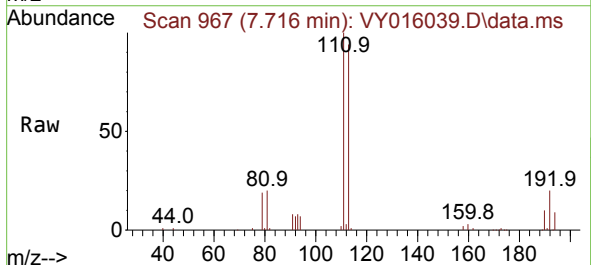
Instrument :
MSVOA_Y
ClientSampleId :

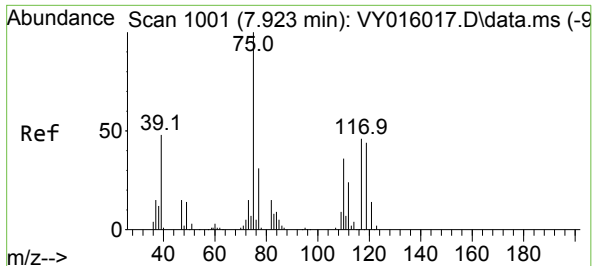
Tgt Ion:114 Resp: 249590
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.262 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

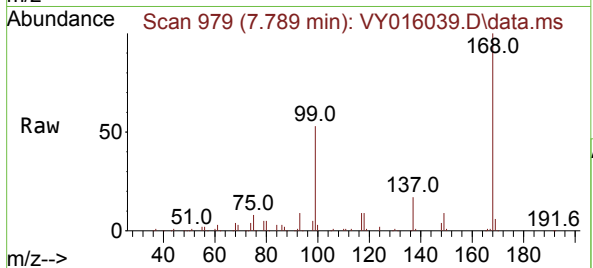
Tgt Ion:113 Resp: 80930
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.5 16.9 25.3



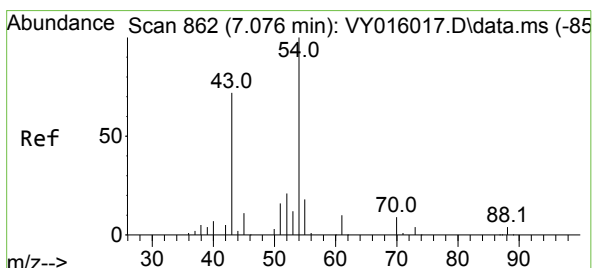
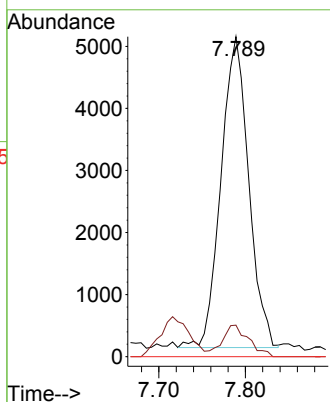
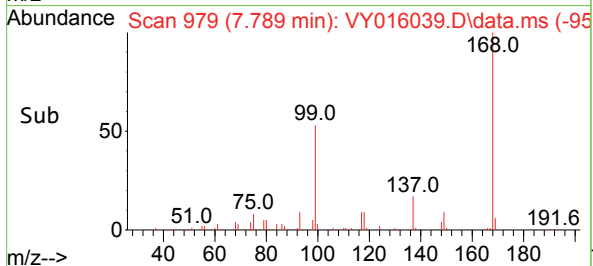


#36
1,1-Dichloropropene
Concen: 4.501 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

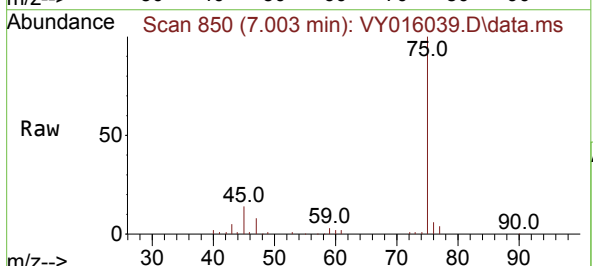
Instrument :
MSVOA_Y
ClientSampleId :



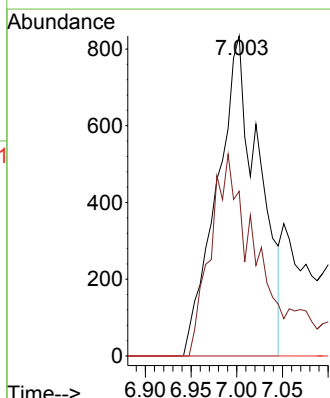
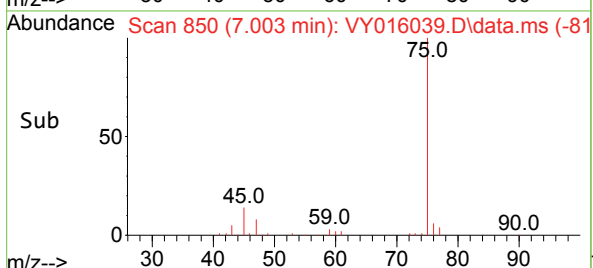
Tgt Ion: 75 Resp: 11124
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#

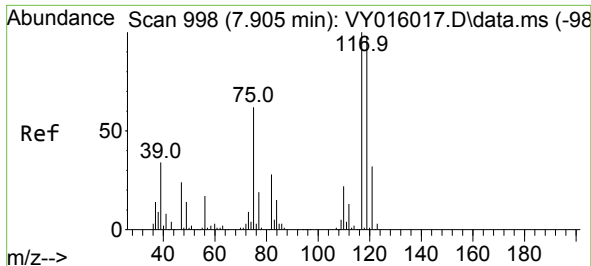


#37
Ethyl Acetate
Concen: 1.501 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.073 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59



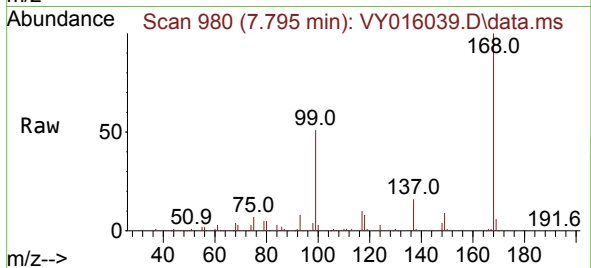
Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
61 64.1 10.1 15.1#
70 0.0 7.1 10.7#



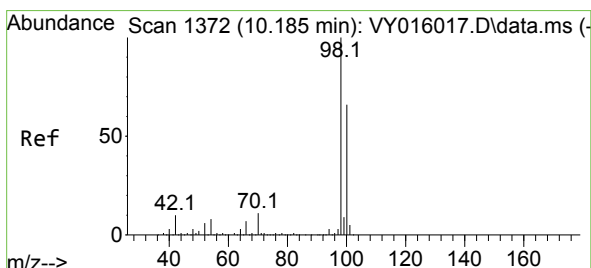
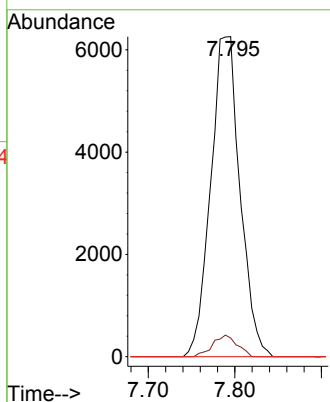
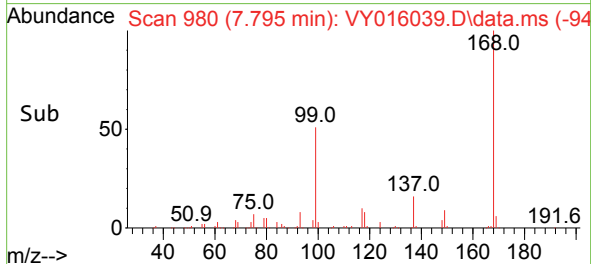


#38
Carbon Tetrachloride
Concen: 5.607 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :

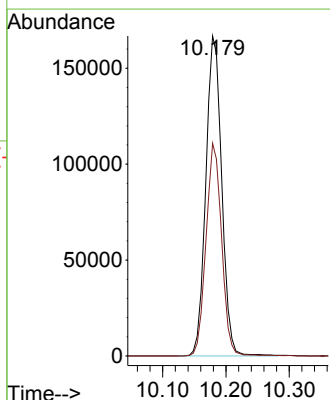
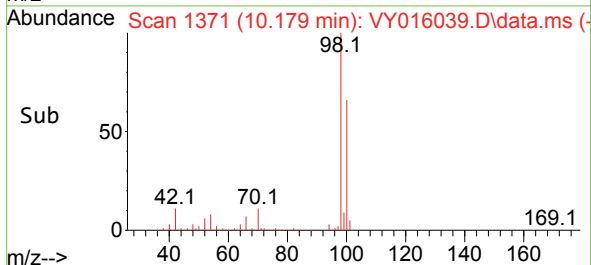
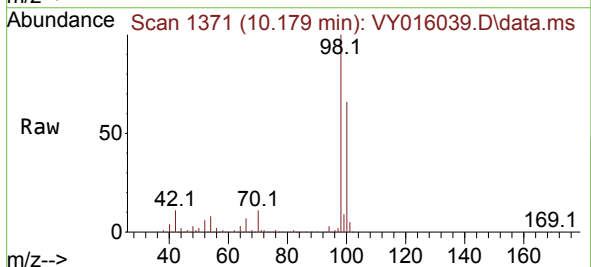


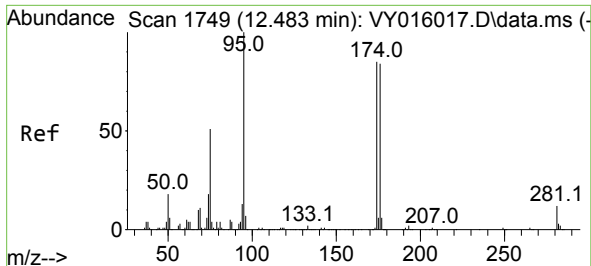
Tgt Ion:117 Resp: 14729
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.951 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

Tgt Ion: 98 Resp: 292068
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

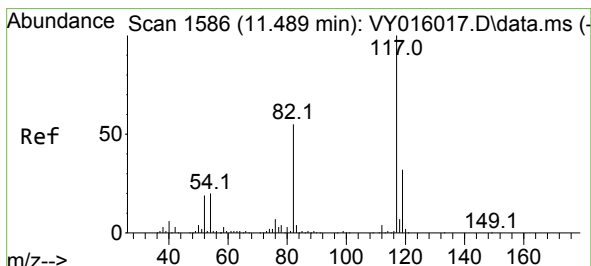
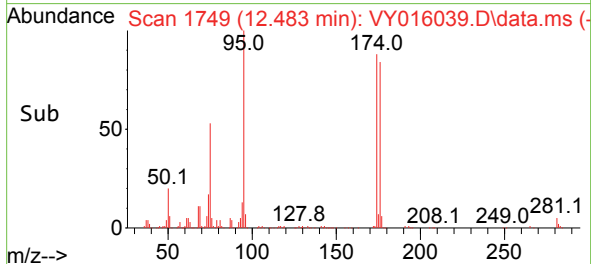
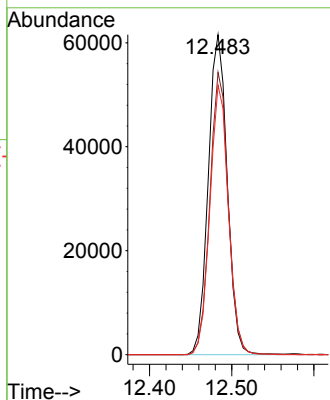
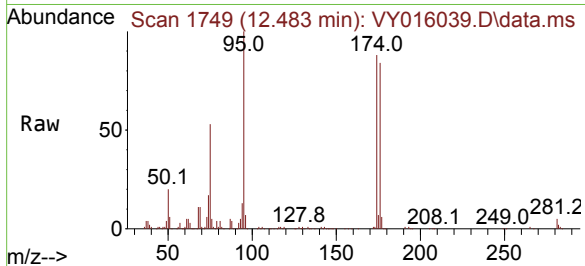




#62
4-Bromofluorobenzene
Concen: 46.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

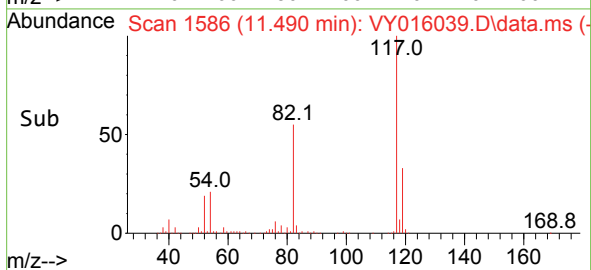
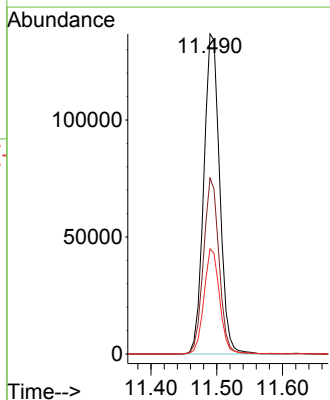
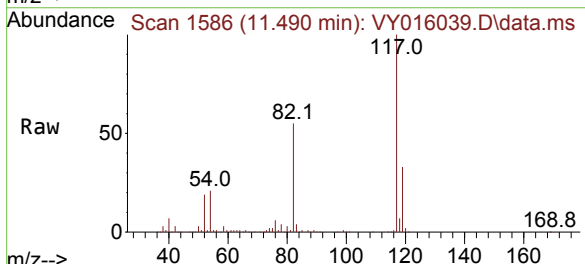
Instrument :
MSVOA_Y
ClientSampleId :

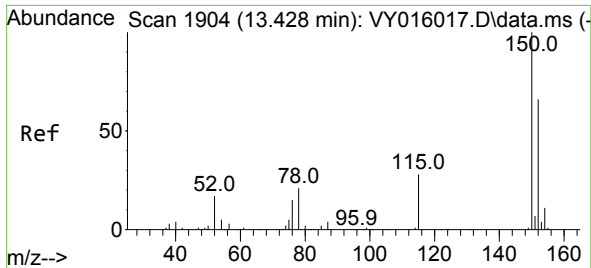
Tgt Ion:	95	Resp:	98374
Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	178.2
176	82.2	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

Tgt Ion:	117	Resp:	229646
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.4	65.0
119	32.9	26.3	39.5

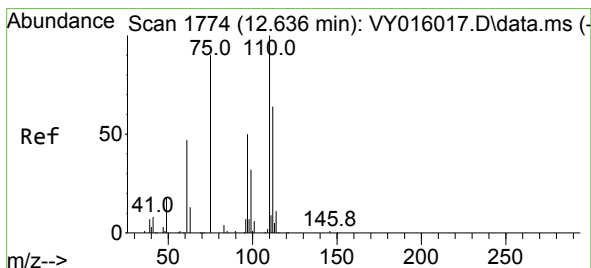
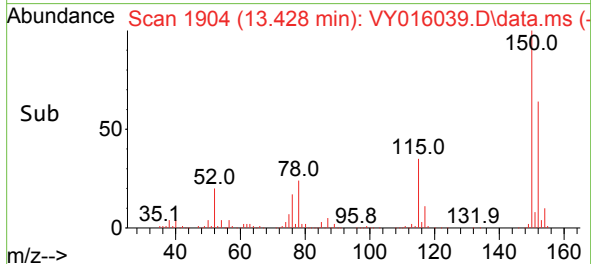
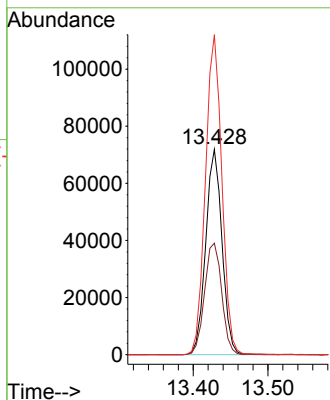
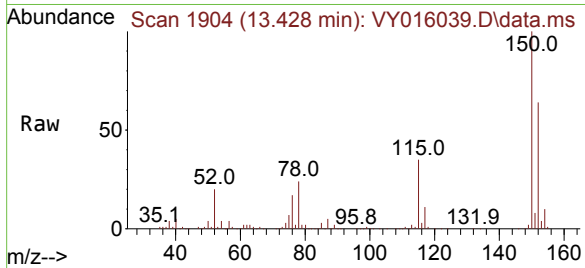




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY016039.D
 Acq: 19 Oct 2023 15:59

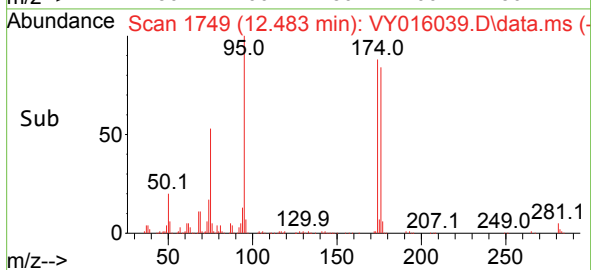
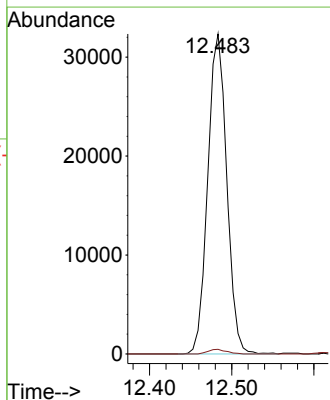
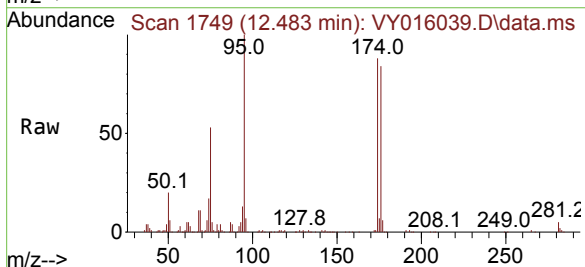
Instrument :
 MSVOA_Y
 ClientSampleId :

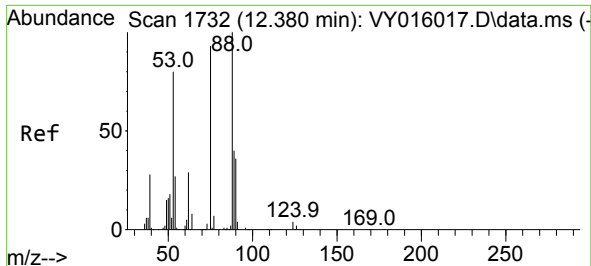
Tgt Ion:152 Resp: 109053
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 157.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 33.590 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY016039.D
 Acq: 19 Oct 2023 15:59

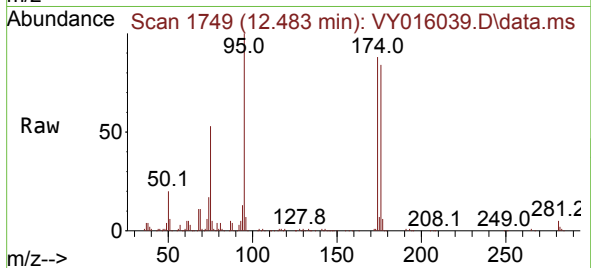
Tgt Ion: 75 Resp: 51866
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



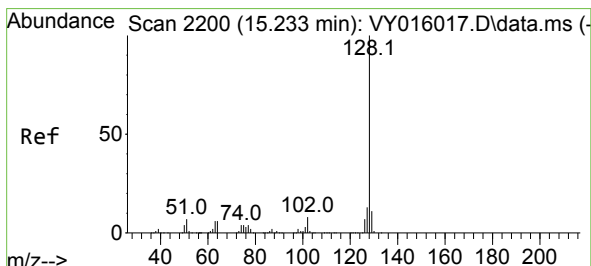
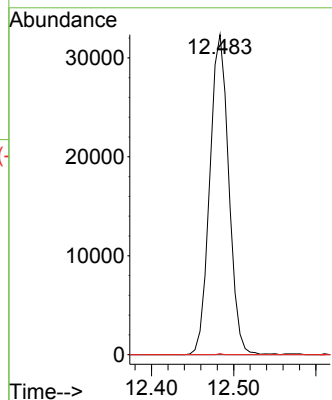
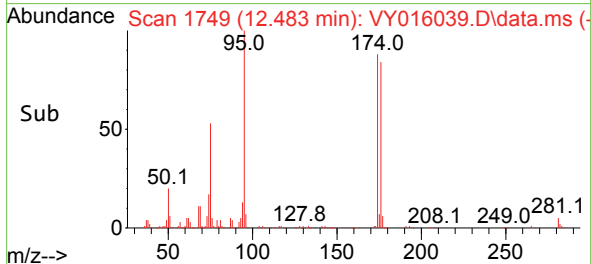


#81
trans-1,4-Dichloro-2-butene
Concen: 73.324 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

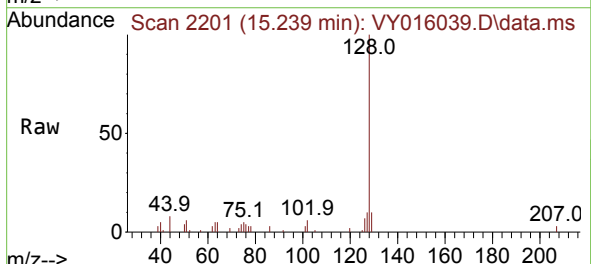
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 51866
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 1.769 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59



Tgt Ion: 128 Resp: 9783
Ion Ratio Lower Upper
128 100
127 11.4 10.8 16.2
129 11.3 8.6 13.0

