

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012616.D
 Acq On : 15 Feb 2023 15:40
 Operator : KP/MD
 Sample : 01572-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 00:58:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

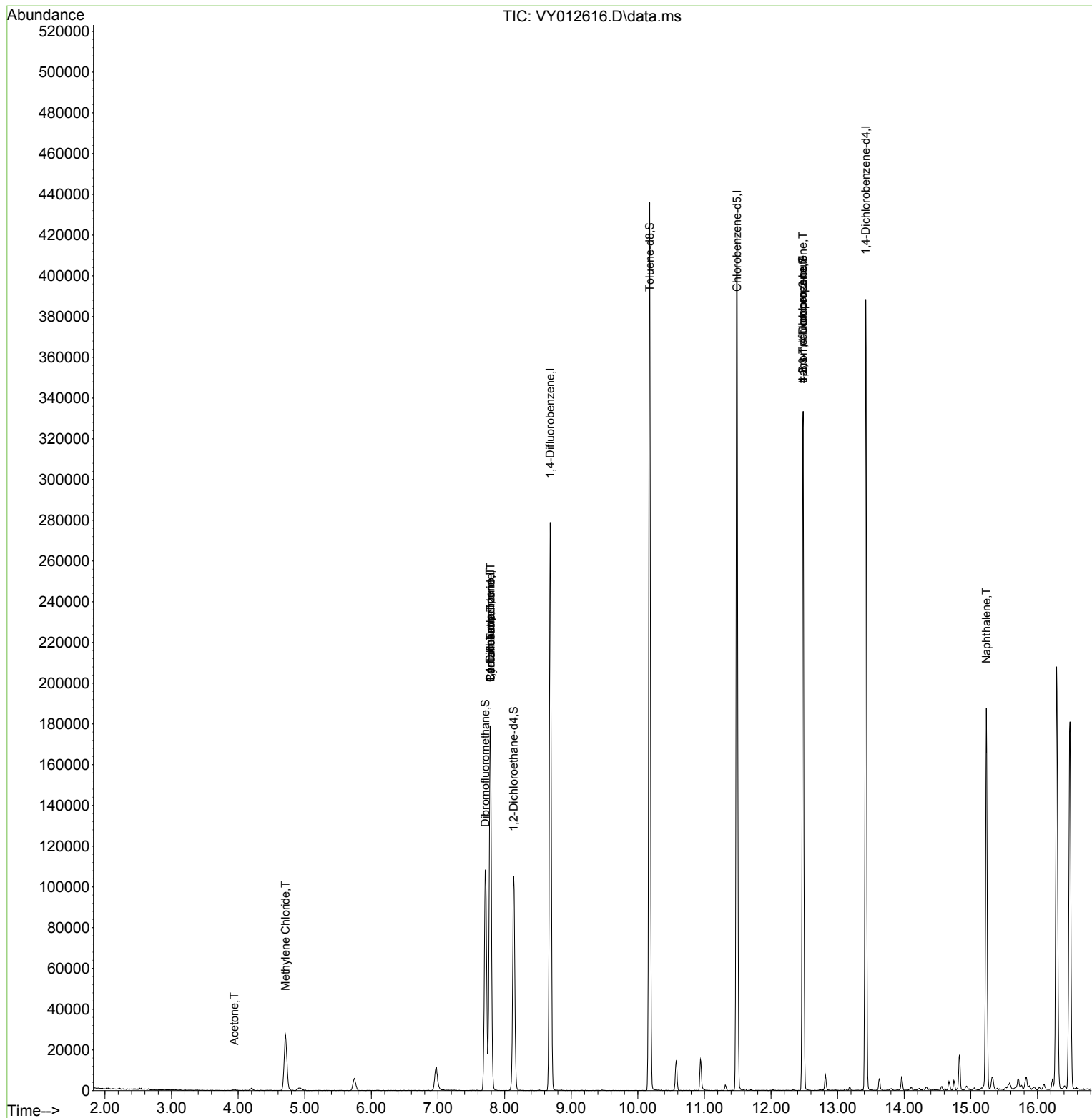
Internal Standards						
1) Pentafluorobenzene	7.789	168	150654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88646	46.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.540%
35) Dibromofluoromethane	7.710	113	75974	41.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.560%
50) Toluene-d8	10.179	98	297880	39.356	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.720%
62) 4-Bromofluorobenzene	12.477	95	94790	35.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.800%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	911	1.976	ug/l	90
20) Methylene Chloride	4.710	84	22076	9.391	ug/l	95
31) Cyclohexane	7.789	56	2490	1.124	ug/l #	38
36) 1,1-Dichloropropene	7.783	75	9404	3.821	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14423	4.366	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	49763	41.788	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49763	94.235	ug/l #	12
95) Naphthalene	15.233	128	161358	36.260	ug/l	99

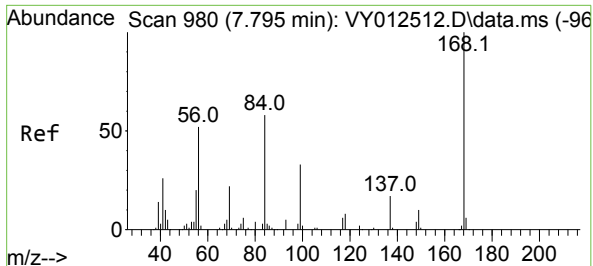
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 16 00:58:19 2023
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Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
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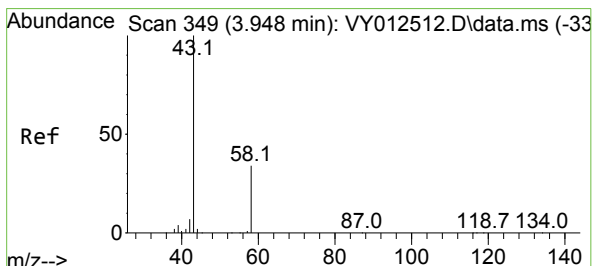
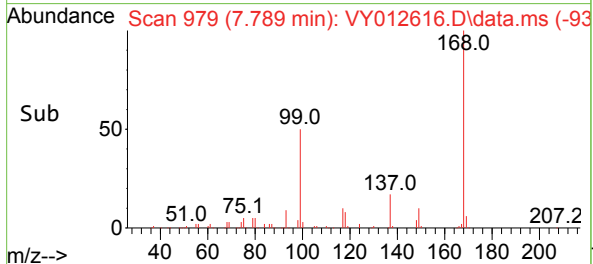
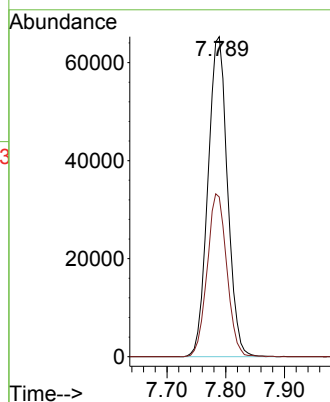
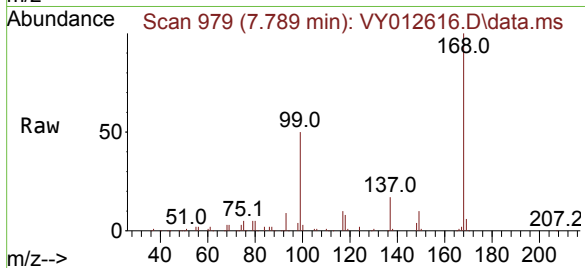




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

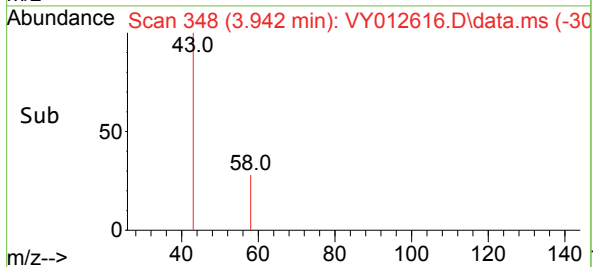
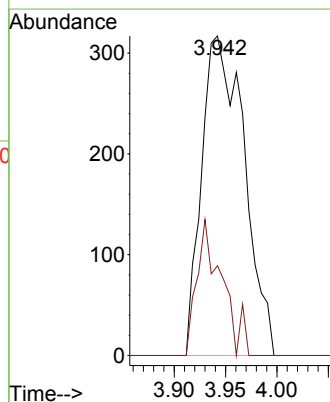
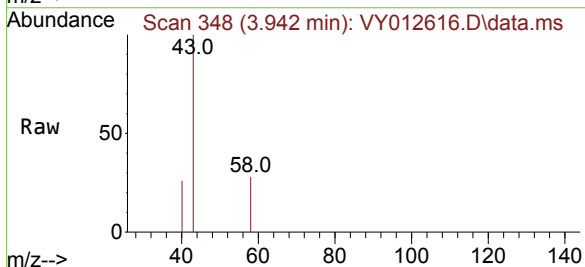
Instrument :
MSVOA_Y
ClientSampleId :

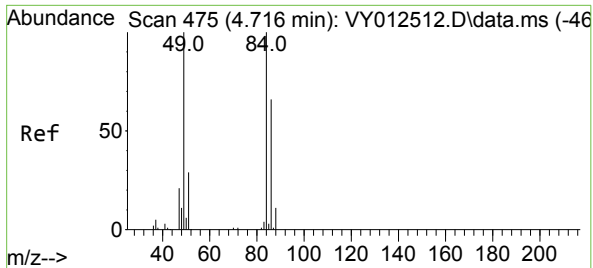
Tgt Ion:168 Resp: 150654
Ion Ratio Lower Upper
168 100
99 49.9 40.8 61.2



#16
Acetone
Concen: 1.976 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

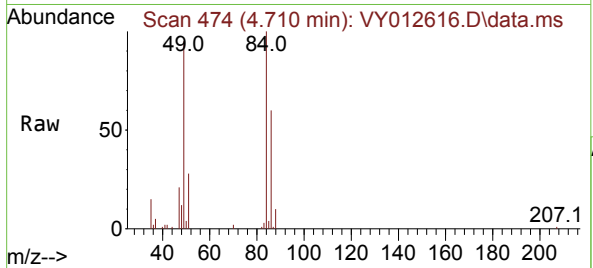
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 28.1 27.1 40.7



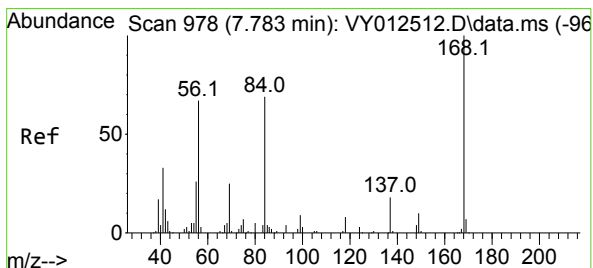
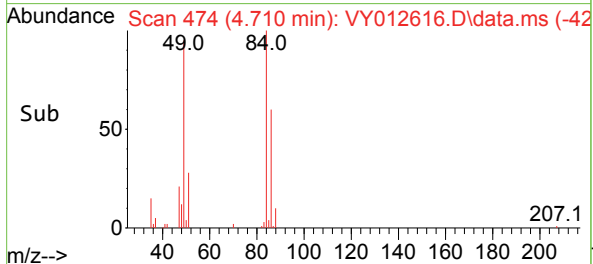
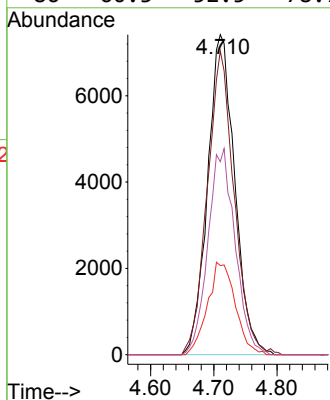


#20
Methylene Chloride
Concen: 9.391 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Instrument :
MSVOA_Y
ClientSampleId :

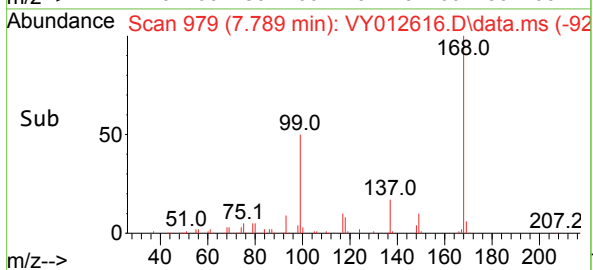
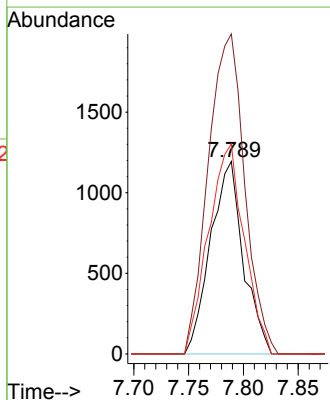
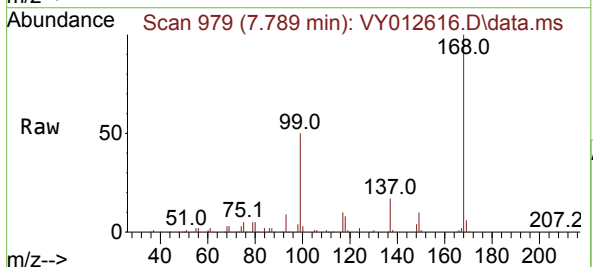


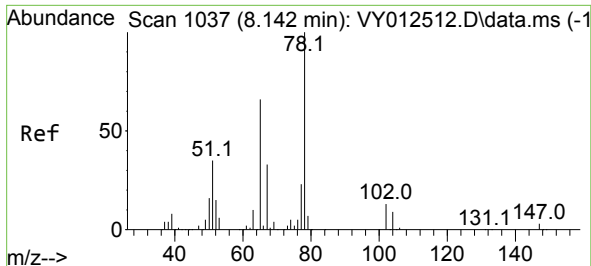
Tgt Ion:	84	Resp:	22076
Ion	Ratio	Lower	Upper
84	100		
49	94.9	79.8	119.6
51	27.8	23.4	35.2
86	60.3	52.5	78.7



#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Tgt Ion:	56	Resp:	2490
Ion	Ratio	Lower	Upper
56	100		
69	166.2	29.5	44.3#
84	109.1	81.9	122.9

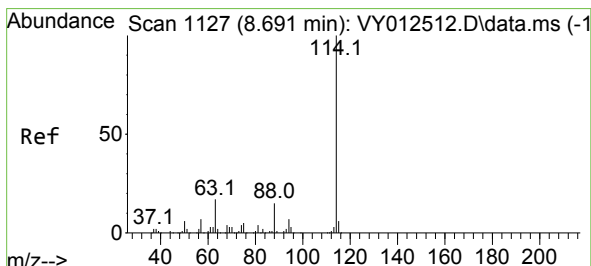
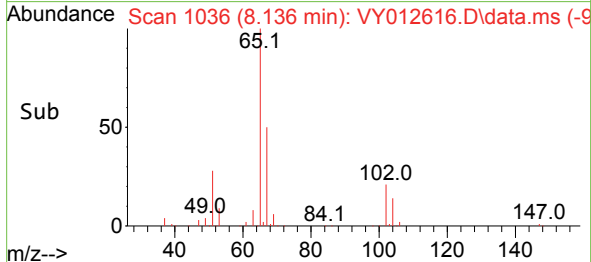
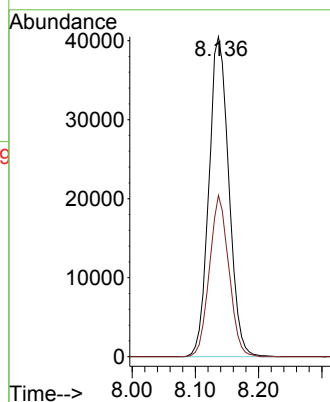
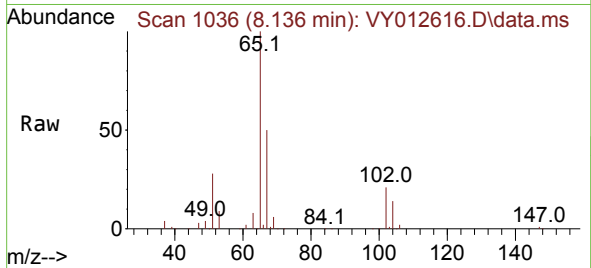




#33
 1,2-Dichloroethane-d4
 Concen: 46.272 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

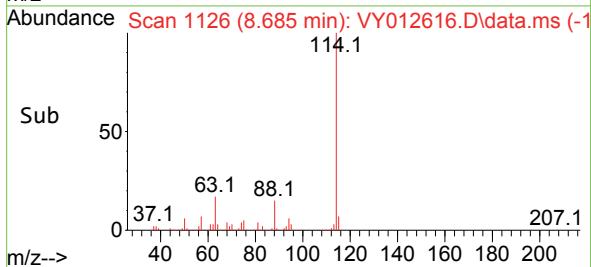
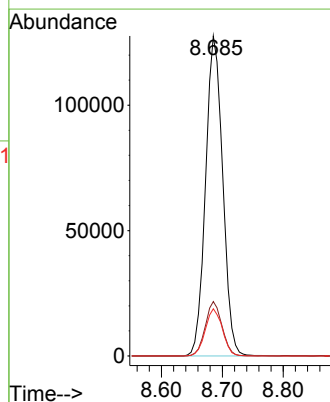
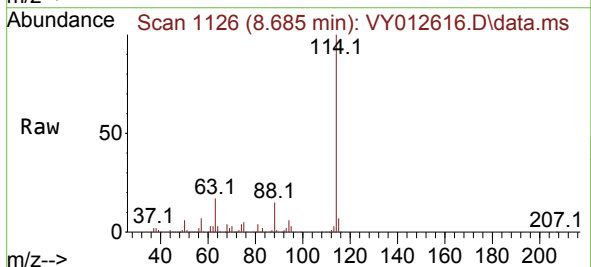
Instrument :
 MSVOA_Y
 ClientSampleId :

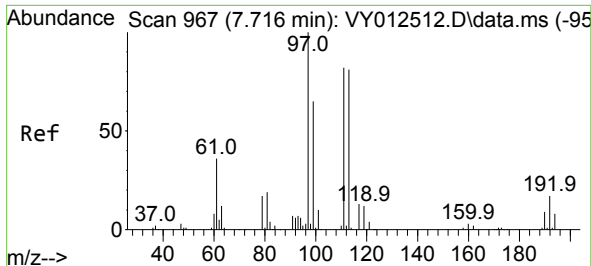
Tgt Ion: 65 Resp: 88646
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

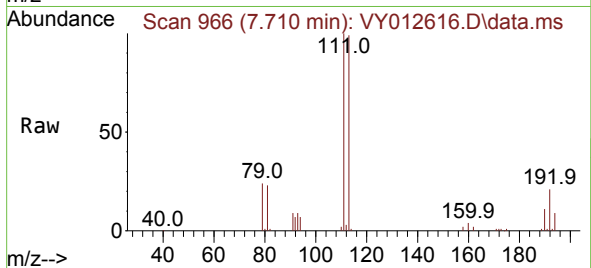
Tgt Ion: 114 Resp: 249699
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.6
 88 14.8 0.0 29.8



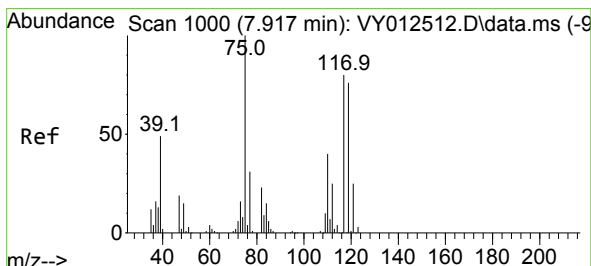
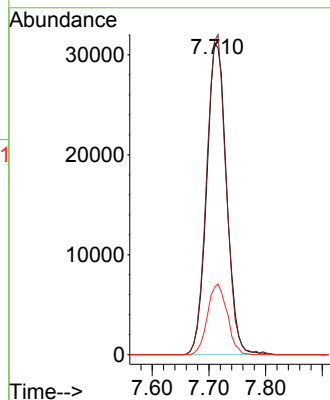
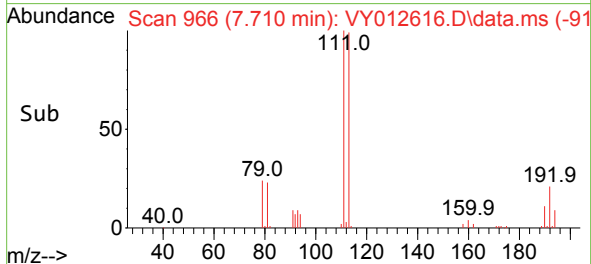


#35
Dibromofluoromethane
Concen: 41.779 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Instrument :
MSVOA_Y
ClientSampleId :

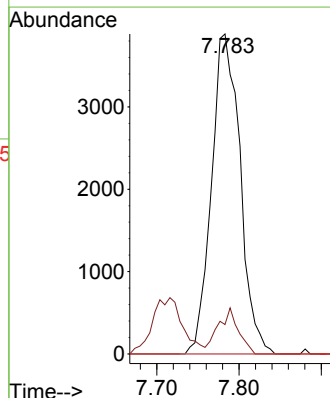
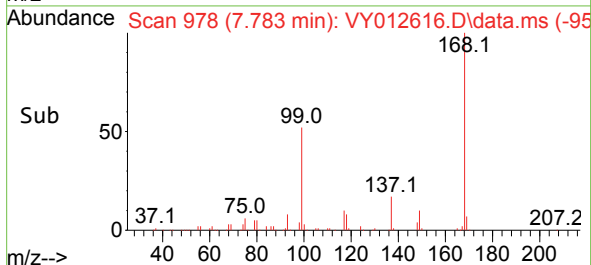
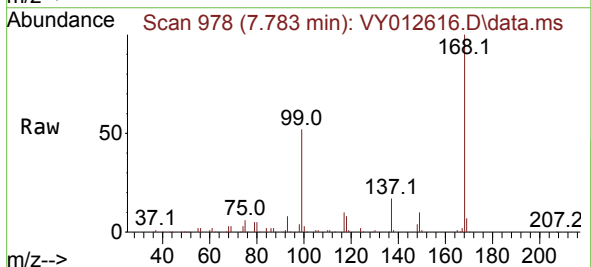


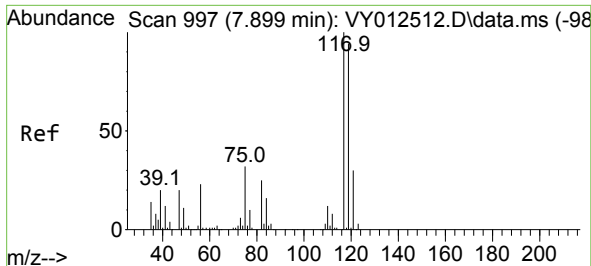
Tgt Ion:113 Resp: 75974
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 22.4 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.821 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Tgt Ion: 75 Resp: 9404
Ion Ratio Lower Upper
75 100
110 10.1 19.5 58.5#
77 0.0 24.9 37.3#

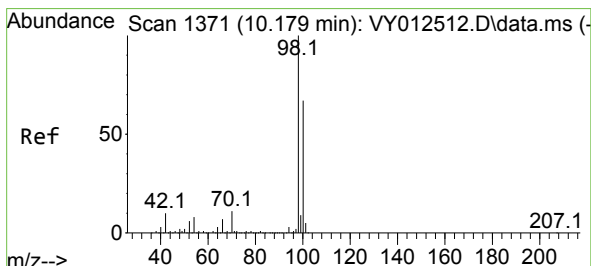
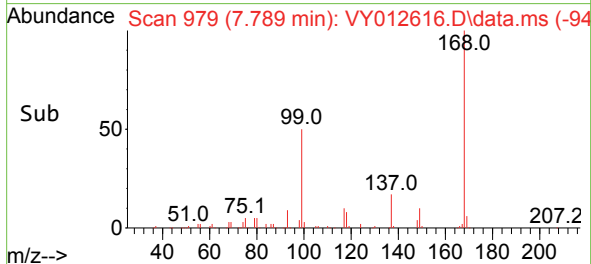
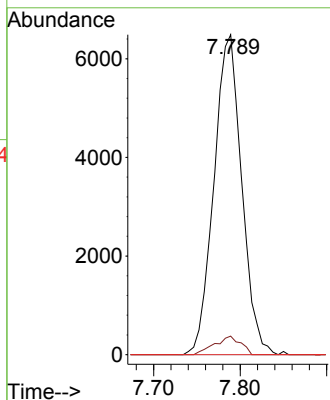
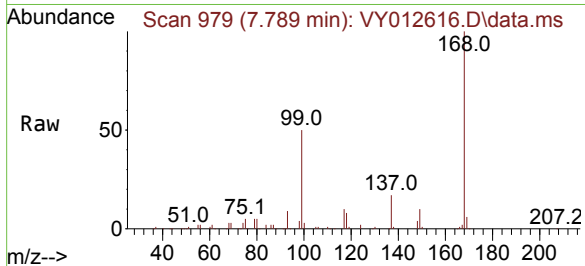




#38
Carbon Tetrachloride
Concen: 4.366 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

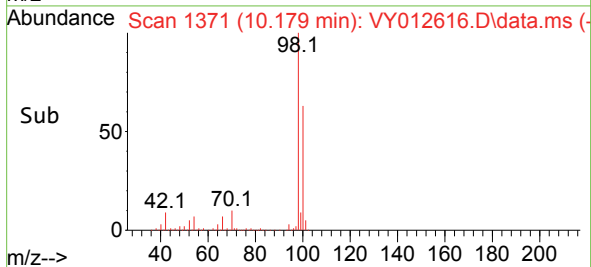
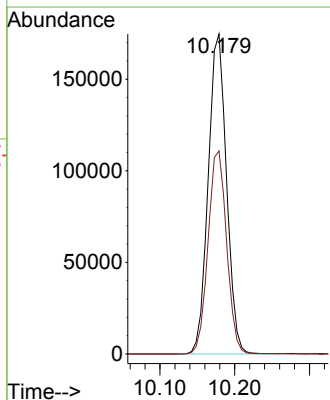
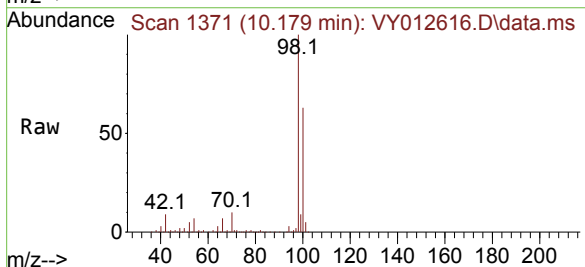
Instrument :
MSVOA_Y
ClientSampleId :

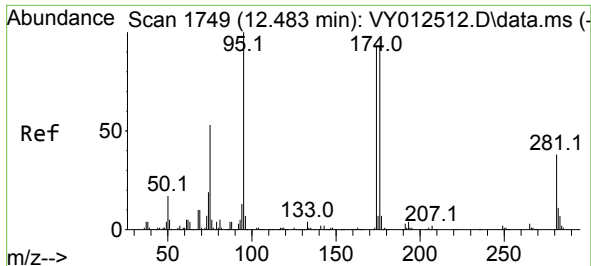
Tgt Ion:117 Resp: 14423
Ion Ratio Lower Upper
117 100
119 5.8 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 39.356 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

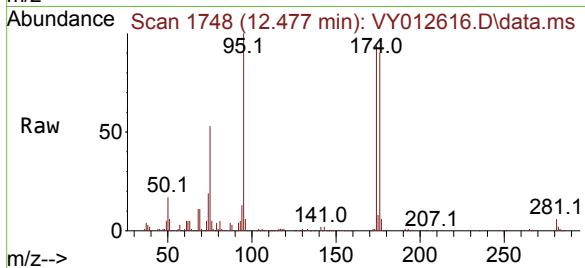
Tgt Ion: 98 Resp: 297880
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



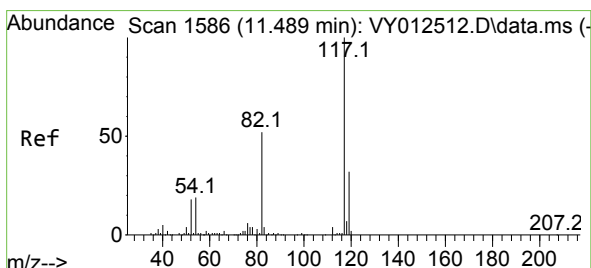
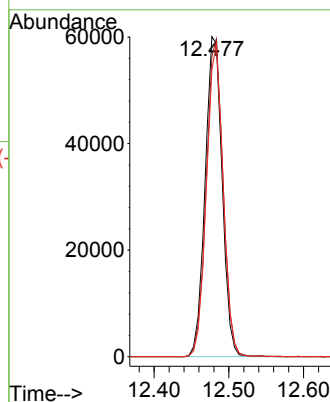
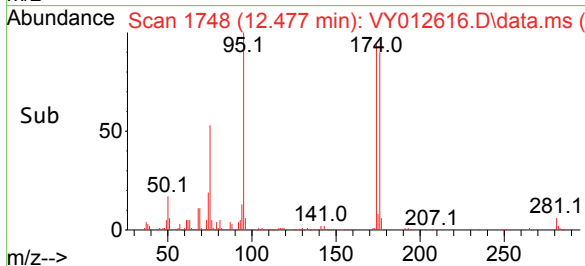


#62
4-Bromofluorobenzene
Concen: 35.904 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Instrument :
MSVOA_Y
ClientSampleId :

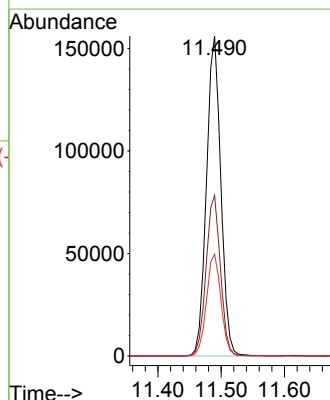
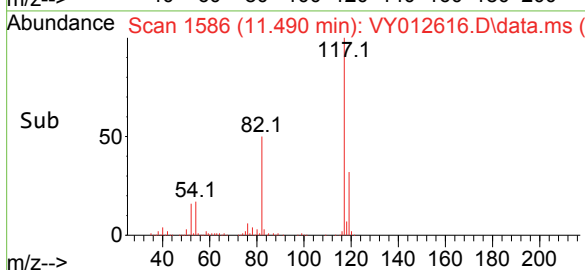
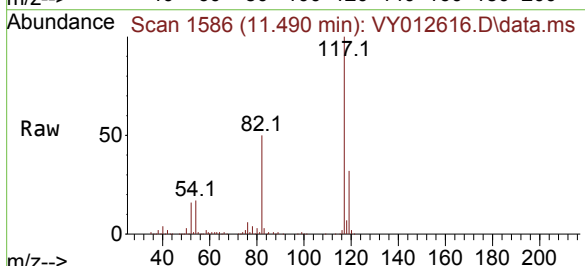


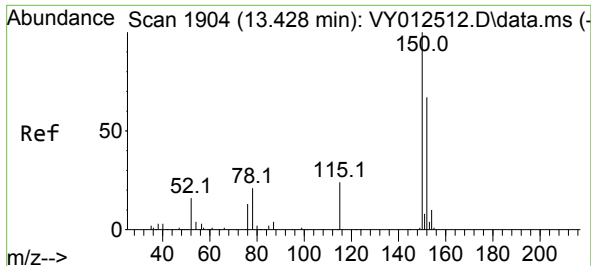
Tgt Ion: 95 Resp: 94790
Ion Ratio Lower Upper
95 100
174 98.4 0.0 188.0
176 95.4 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Tgt Ion: 117 Resp: 246771
Ion Ratio Lower Upper
117 100
82 50.2 41.7 62.5
119 31.8 25.8 38.8

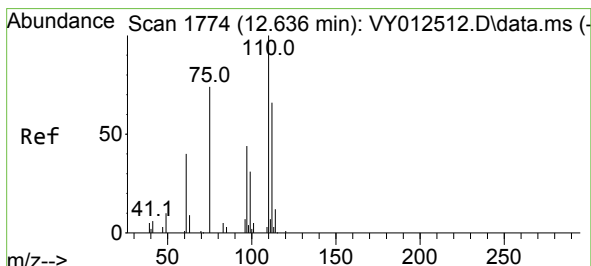
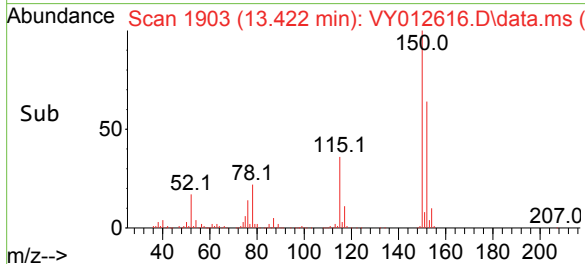
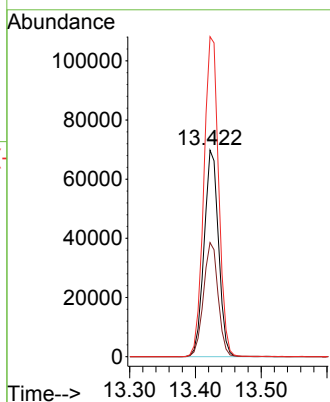
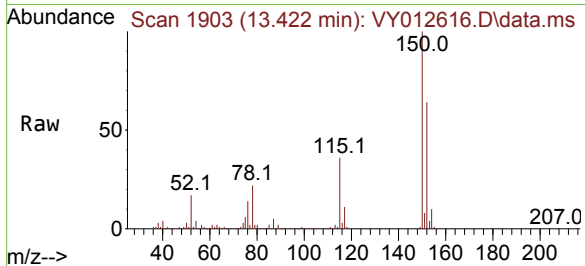




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

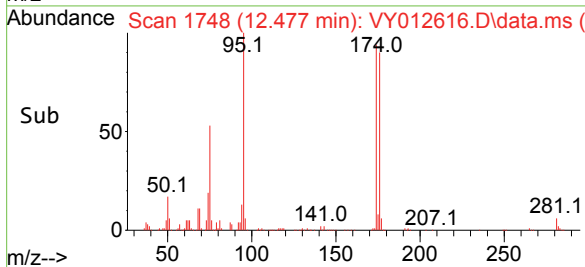
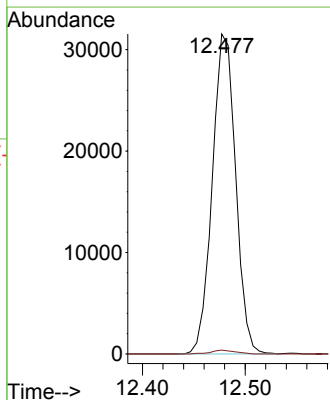
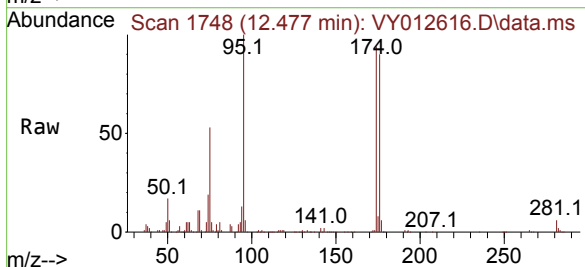
Instrument :
 MSVOA_Y
 ClientSampleId :

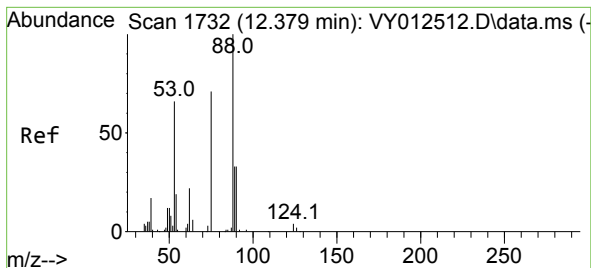
Tgt Ion:152 Resp: 106588
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.1 84.3
 150 158.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 41.788 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

Tgt Ion: 75 Resp: 49763
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

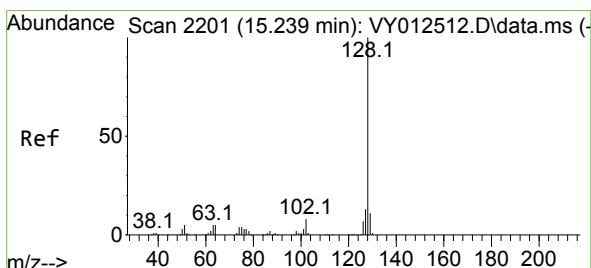
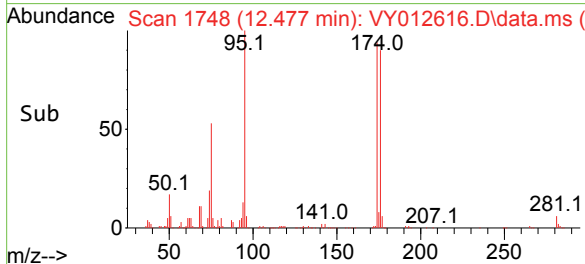
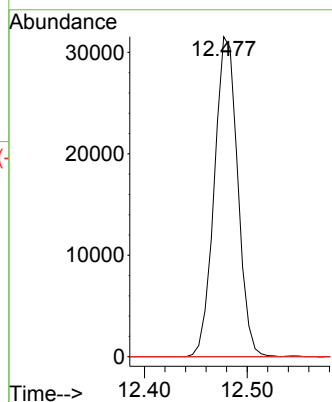
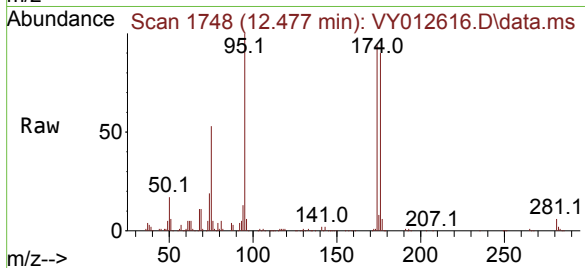




#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.235 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 49763
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.0 39.9 59.9#



#95
 Naphthalene
 Concen: 36.260 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. -0.006 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

Tgt Ion:128 Resp: 161358
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.2 8.6 12.8

