

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009767.D
 Acq On : 29 Jul 2022 11:58
 Operator : KP/MD
 Sample : VY0729SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBL01

Quant Time: Aug 01 01:11:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

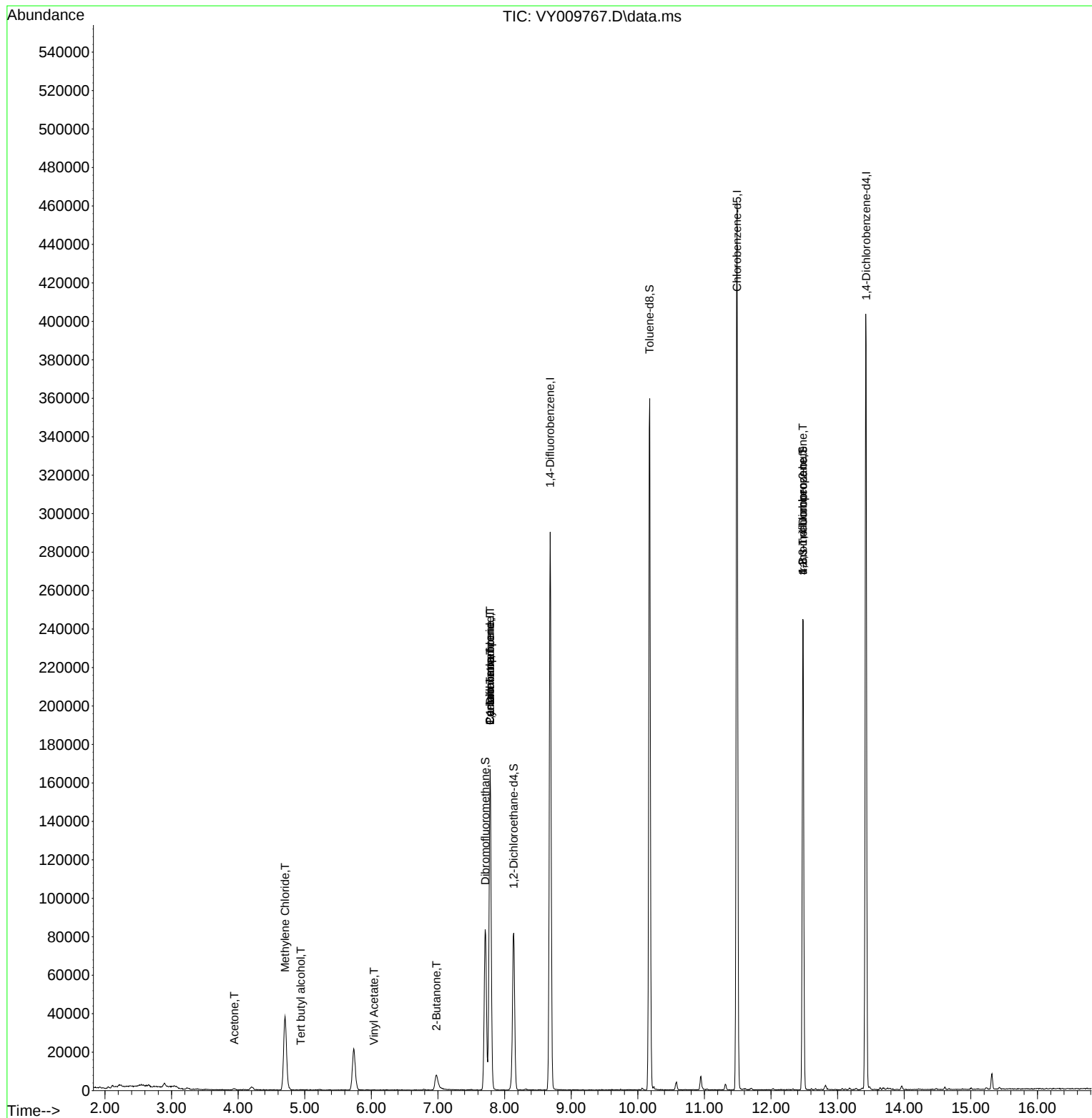
Internal Standards						
1) Pentafluorobenzene	7.782	168	136679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61312	69.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.800%
35) Dibromofluoromethane	7.709	113	59534	44.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.180%
50) Toluene-d8	10.178	98	235662	60.848	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	121.700%
62) 4-Bromofluorobenzene	12.477	95	69588	38.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.941	59	480	2.764	ug/l #	77
16) Acetone	3.942	43	1076	3.293	ug/l #	75
18) Methyl Acetate	4.472	43	209	Below Cal	#	56
20) Methylene Chloride	4.704	84	29125	11.015	ug/l	87
23) Vinyl Acetate	6.039	43	64	7.497	ug/l #	75
25) 2-Butanone	6.978	43	582	1.207	ug/l #	54
31) Cyclohexane	7.782	56	2707	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	9548	4.346	ug/l #	51
38) Carbon Tetrachloride	7.782	117	12189	5.177	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	35737	35.507	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35737	70.775	ug/l #	7

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

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0729SBL01

Quant Time: Aug 01 01:11:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

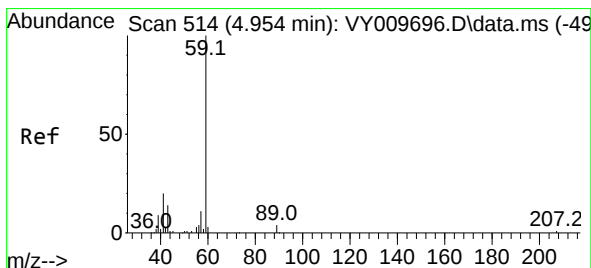
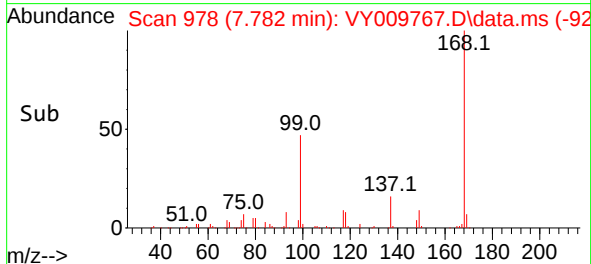
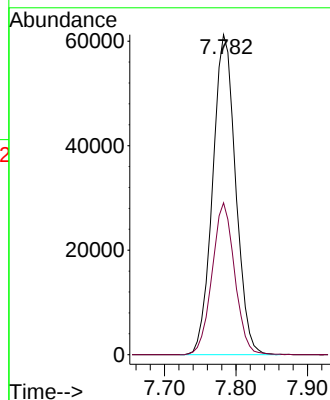
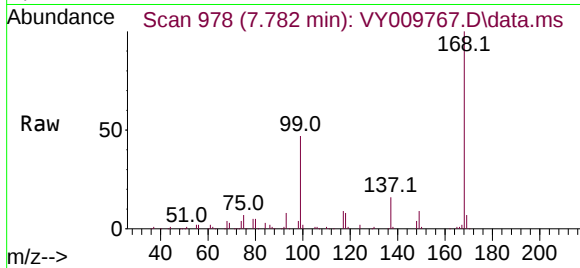




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

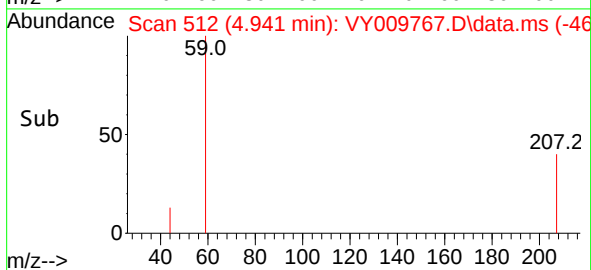
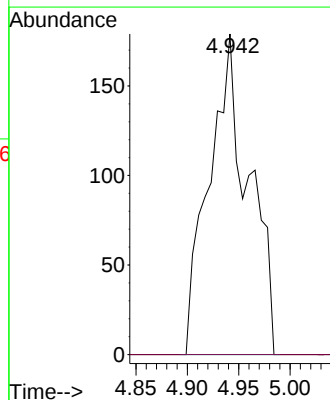
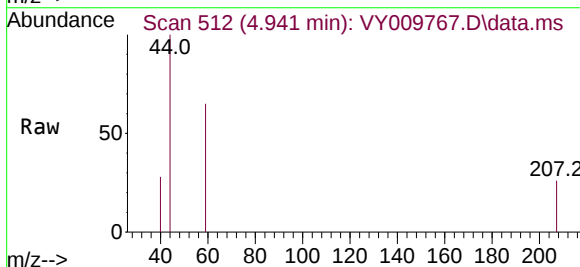
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBL01

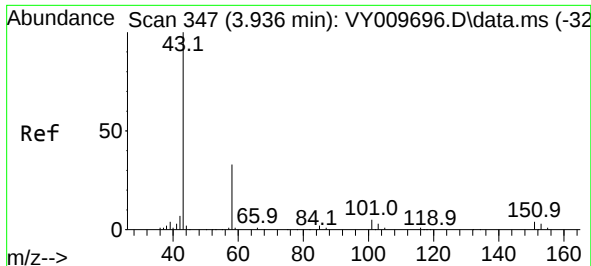
Tgt Ion:168 Resp: 136679
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.764 ug/l
RT: 4.941 min Scan# 512
Delta R.T. -0.013 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

Tgt Ion: 59 Resp: 480
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

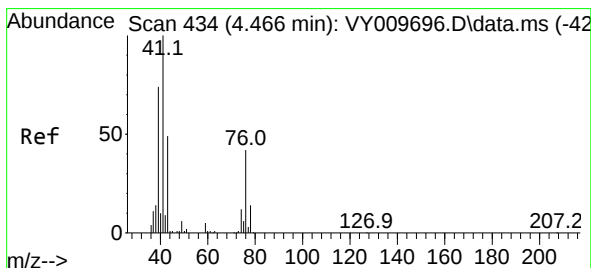
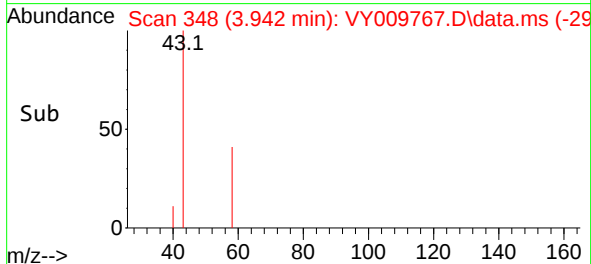
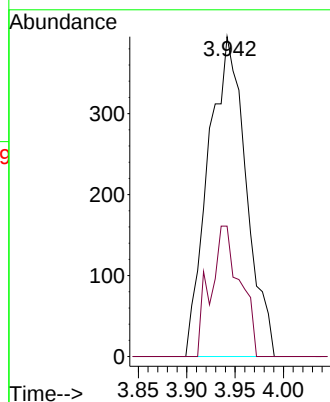
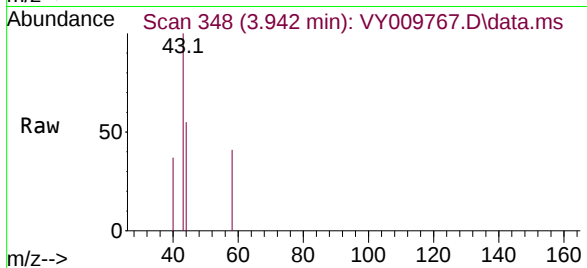




#16
Acetone
Concen: 3.293 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

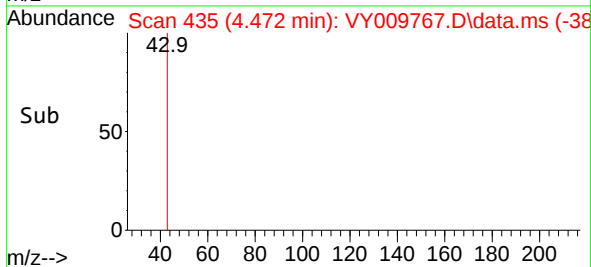
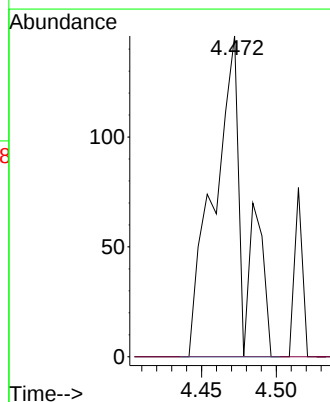
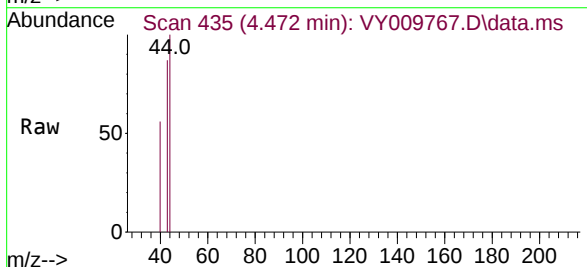
Instrument :
MSVOA_Y
ClientSampleId :
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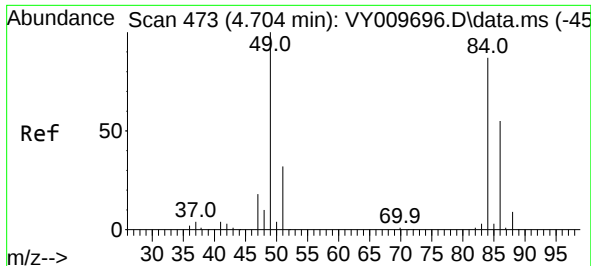
Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 40.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

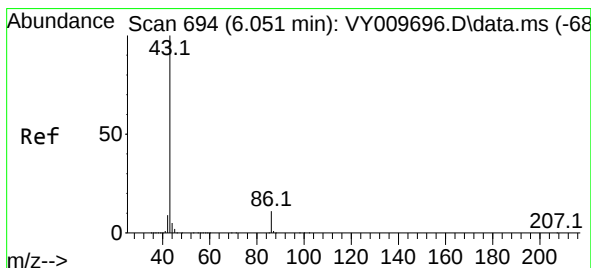
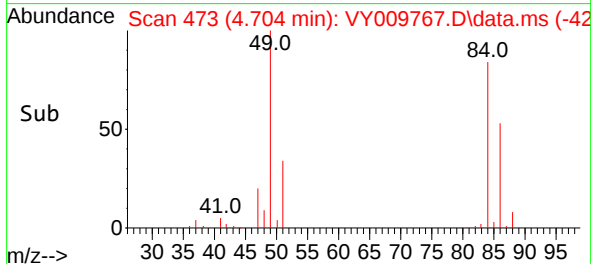
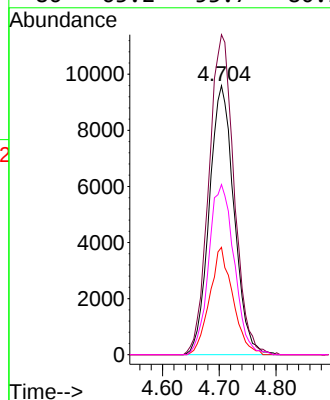
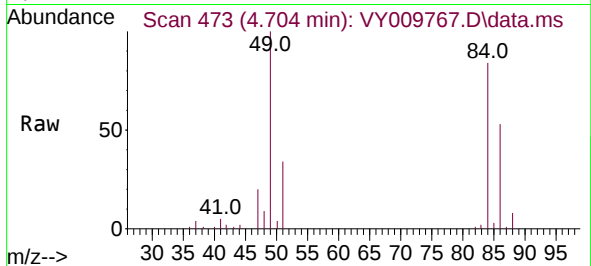




#20
Methylene Chloride
Concen: 11.015 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

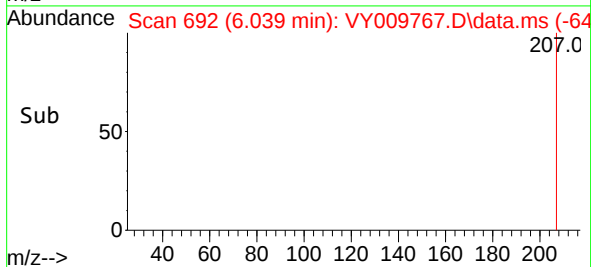
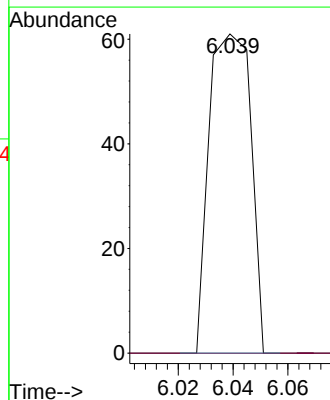
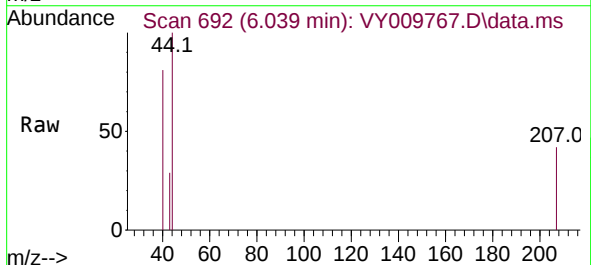
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBL01

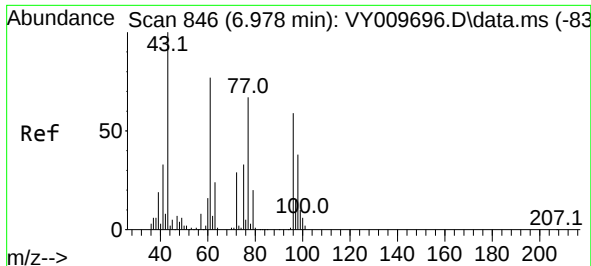
Tgt Ion:	84	Resp:	29125
Ion	Ratio	Lower	Upper
84	100		
49	119.0	114.4	171.6
51	39.9	35.3	52.9
86	63.2	53.7	80.5



#23
Vinyl Acetate
Concen: 7.497 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.012 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

Tgt Ion:	43	Resp:	64
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

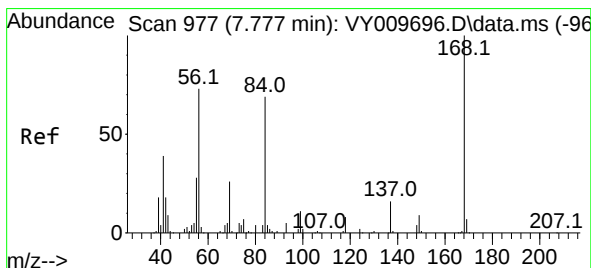
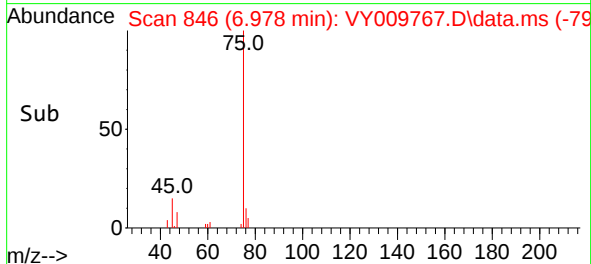
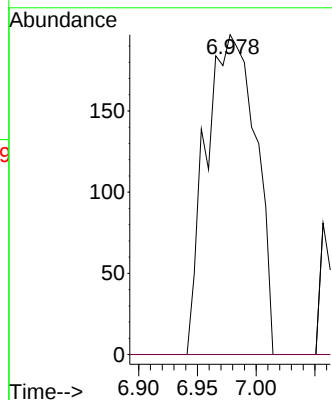
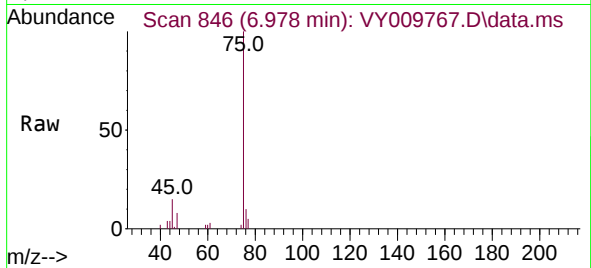




#25
2-Butanone
Concen: 1.207 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

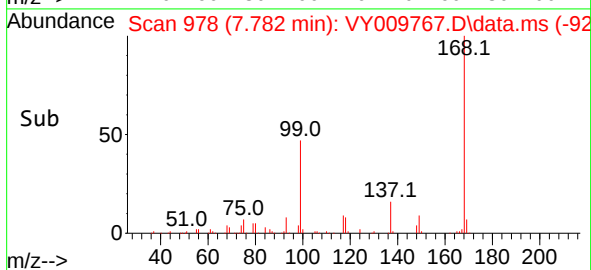
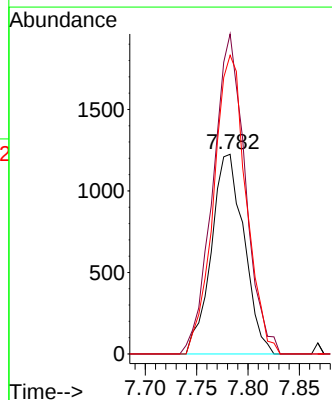
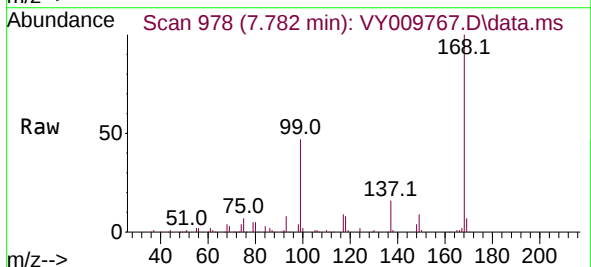
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBL01

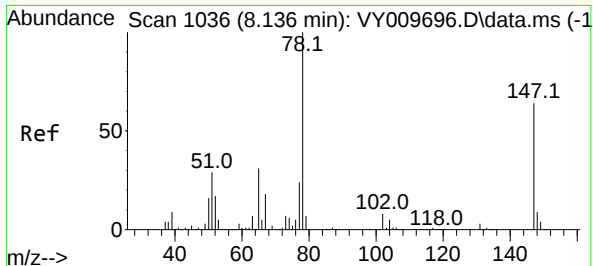
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.782 min Scan# 978
Delta R.T. 0.005 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

Tgt Ion: 56 Resp: 2707
Ion Ratio Lower Upper
56 100
69 160.2 26.7 40.1#
84 149.6 67.2 100.8#

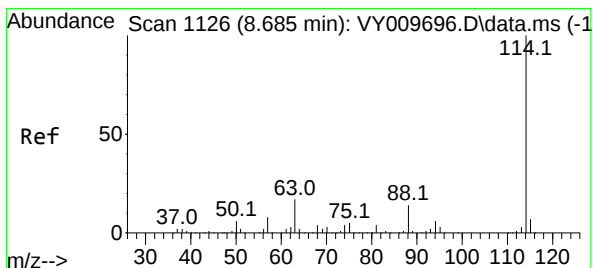
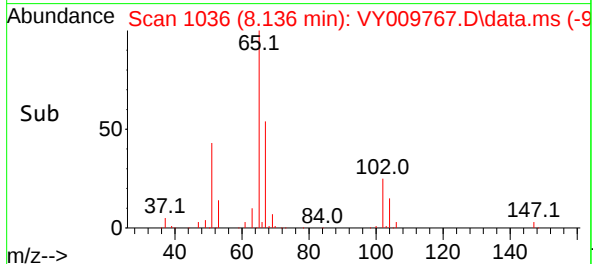
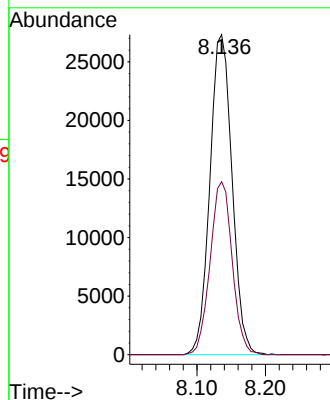
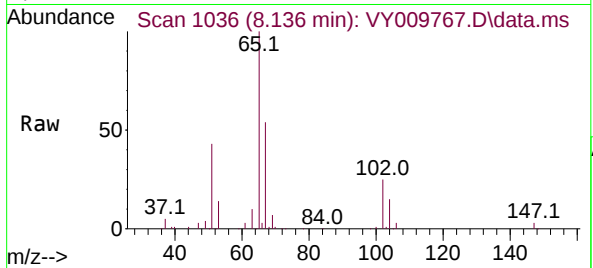




#33
 1,2-Dichloroethane-d4
 Concen: 69.398 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009767.D
 Acq: 29 Jul 2022 11:58

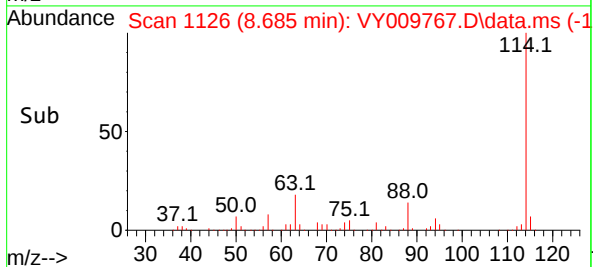
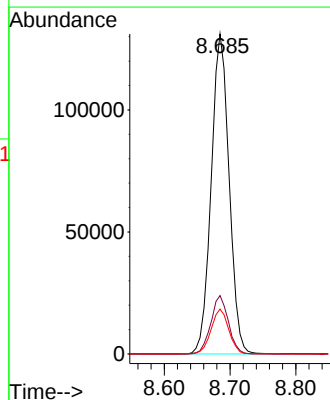
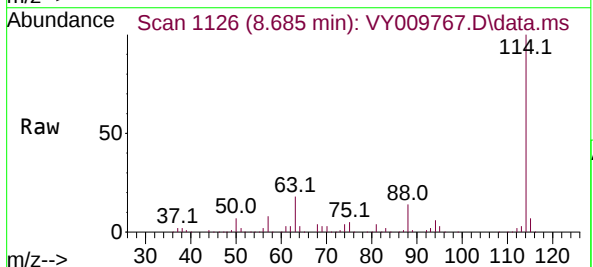
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBL01

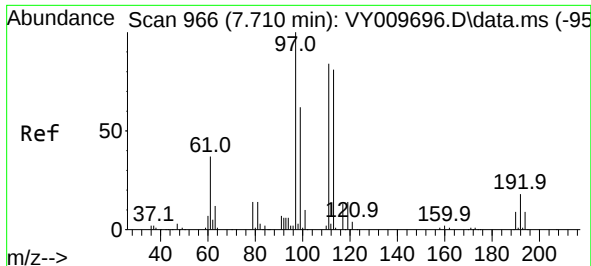
Tgt Ion: 65 Resp: 61312
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009767.D
 Acq: 29 Jul 2022 11:58

Tgt Ion: 114 Resp: 248266
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.2
 88 14.0 0.0 31.8

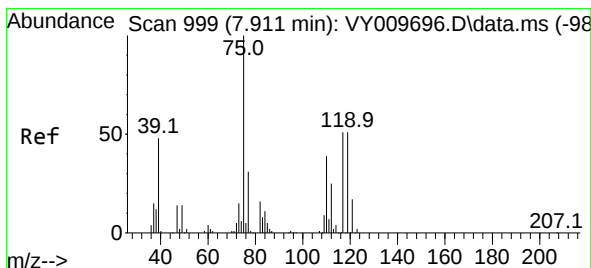
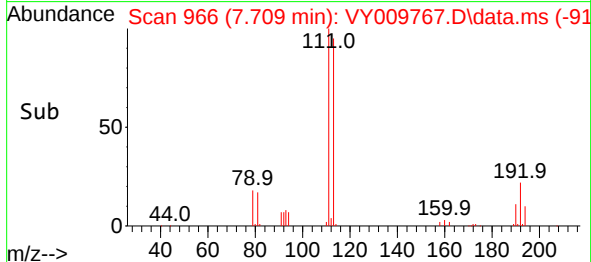
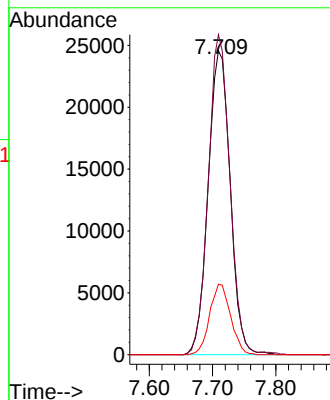
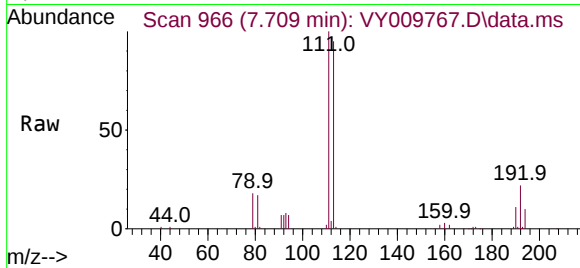




#35
Dibromofluoromethane
Concen: 44.091 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

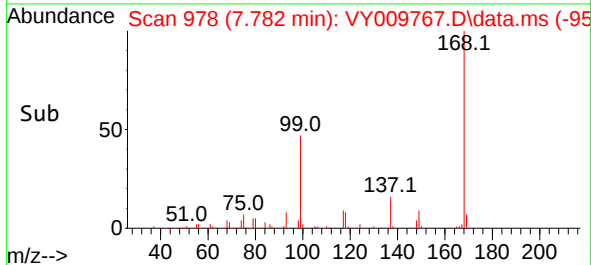
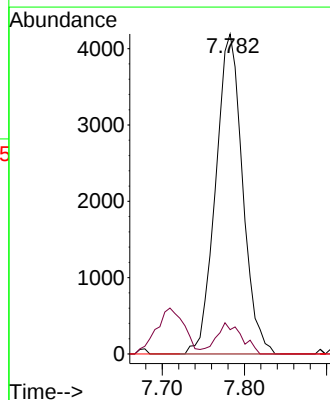
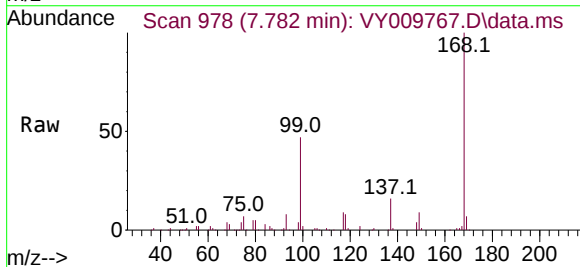
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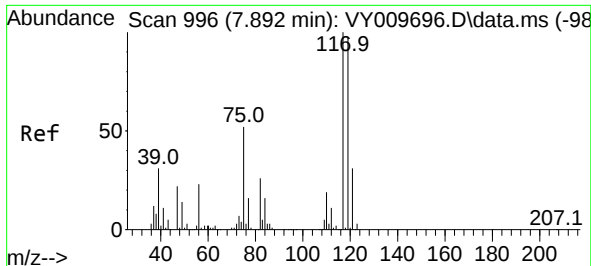
Tgt Ion:113 Resp: 59534
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

Tgt Ion: 75 Resp: 9548
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

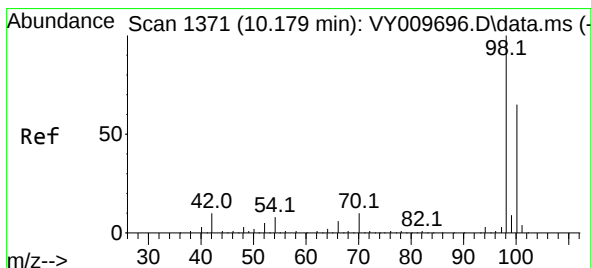
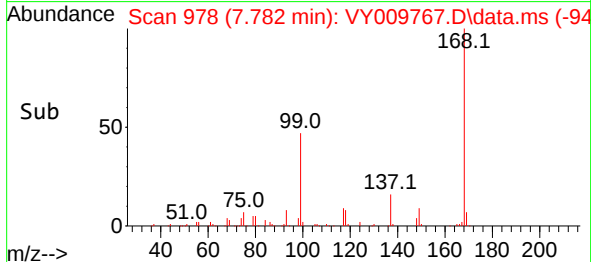
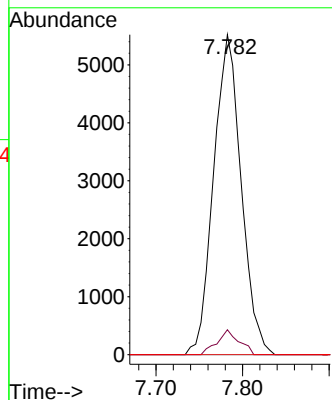
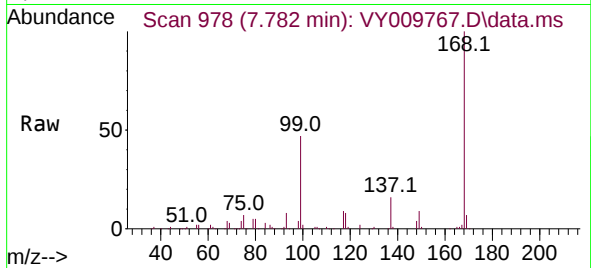




#38
Carbon Tetrachloride
Concen: 5.177 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

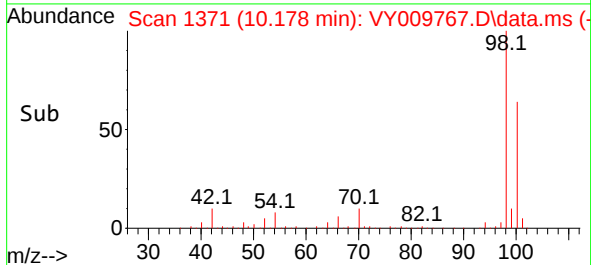
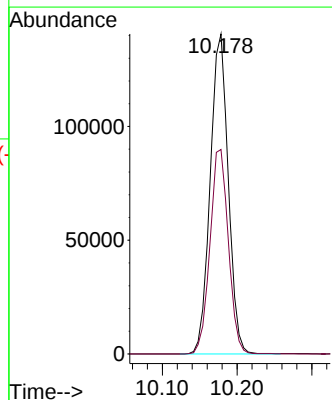
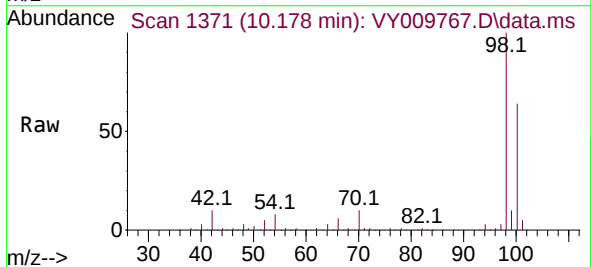
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBL01

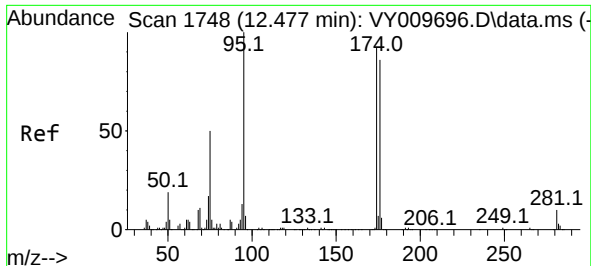
Tgt Ion:117 Resp: 12189
Ion Ratio Lower Upper
117 100
119 7.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.848 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

Tgt Ion: 98 Resp: 235662
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

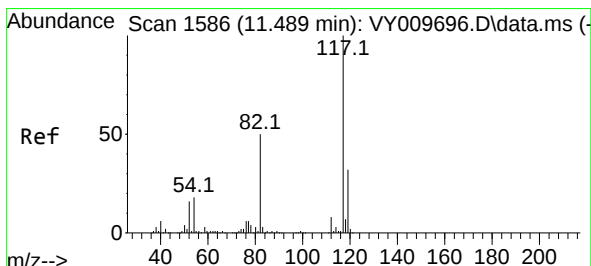
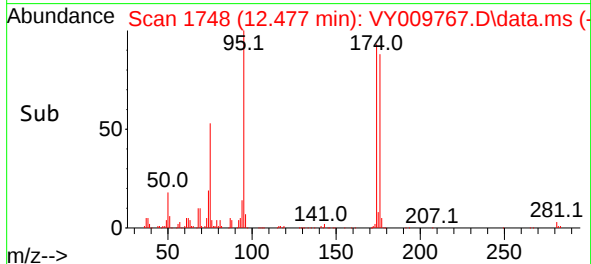
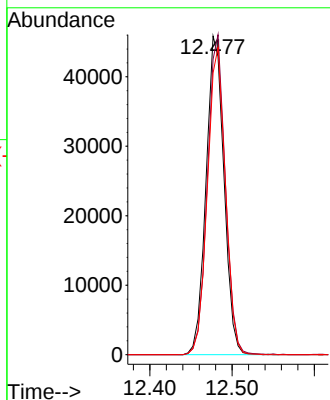
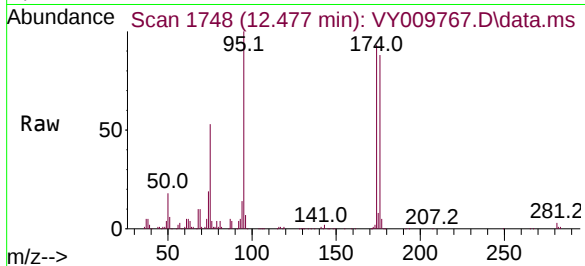




#62
4-Bromofluorobenzene
Concen: 38.867 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

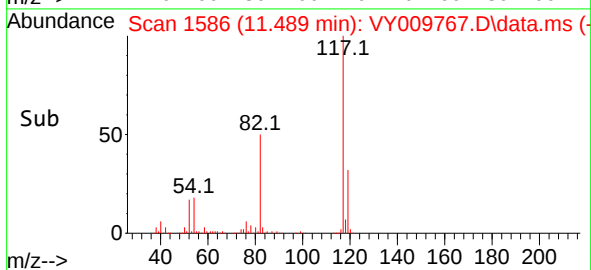
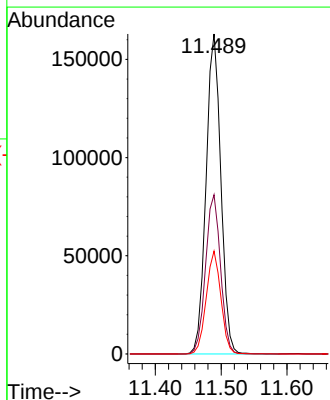
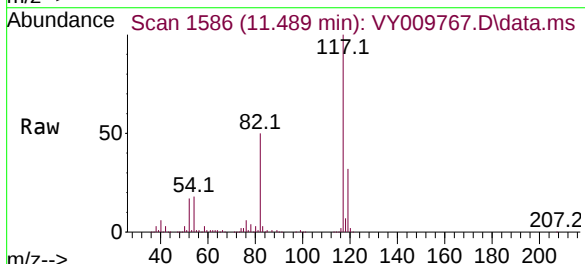
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBL01

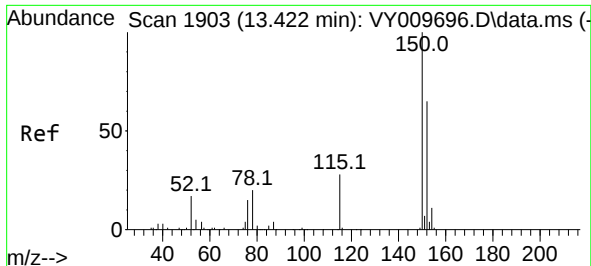
Tgt Ion: 95 Resp: 69588
Ion Ratio Lower Upper
95 100
174 99.8 0.0 177.0
176 96.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009767.D
Acq: 29 Jul 2022 11:58

Tgt Ion: 117 Resp: 255002
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 32.2 25.4 38.0

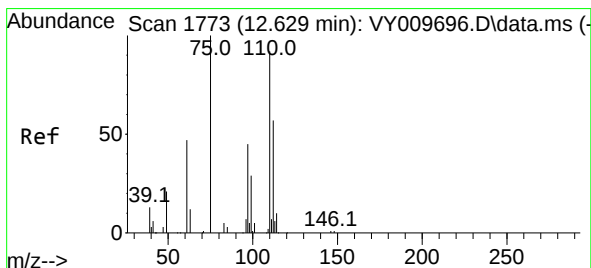
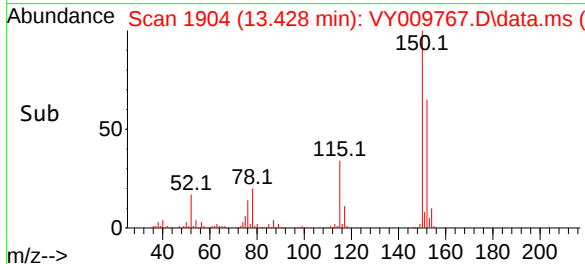
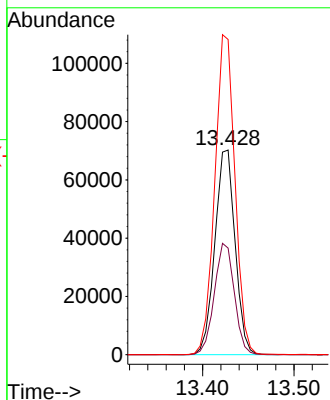
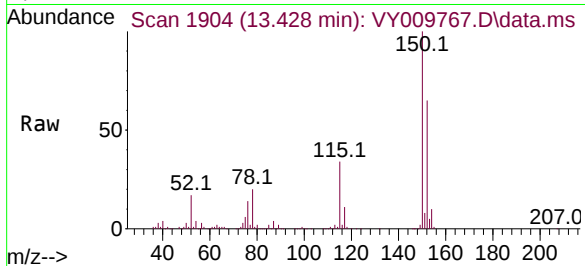




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY009767.D
 Acq: 29 Jul 2022 11:58

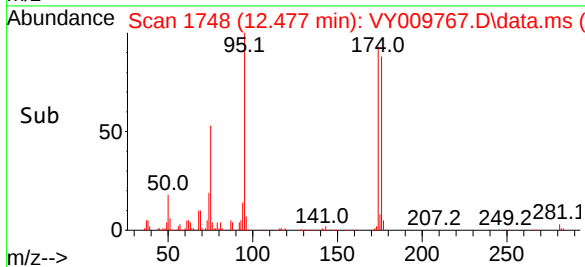
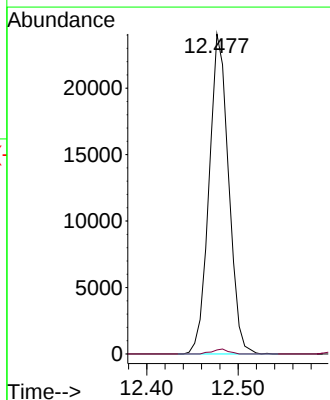
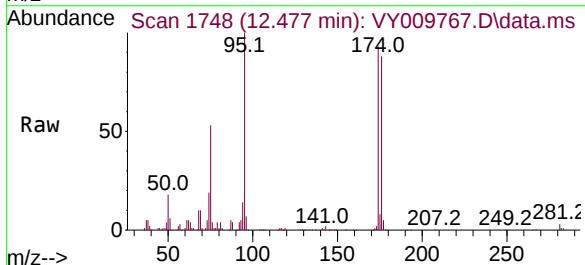
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBL01

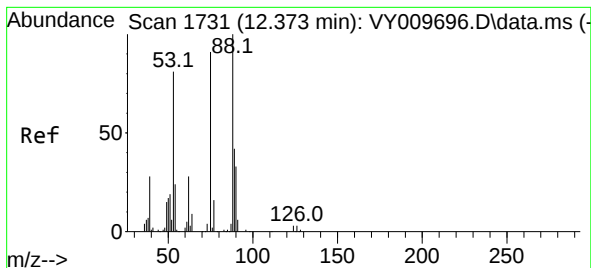
Tgt Ion:152 Resp: 108358
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 155.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 35.507 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009767.D
 Acq: 29 Jul 2022 11:58

Tgt Ion: 75 Resp: 35737
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.775 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009767.D
 Acq: 29 Jul 2022 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBL01

Tgt Ion: 75 Resp: 35737
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

