

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011143.D
 Acq On : 27 Oct 2022 16:50
 Operator : KP/MD
 Sample : N5281-13RE
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12

Quant Time: Oct 28 00:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

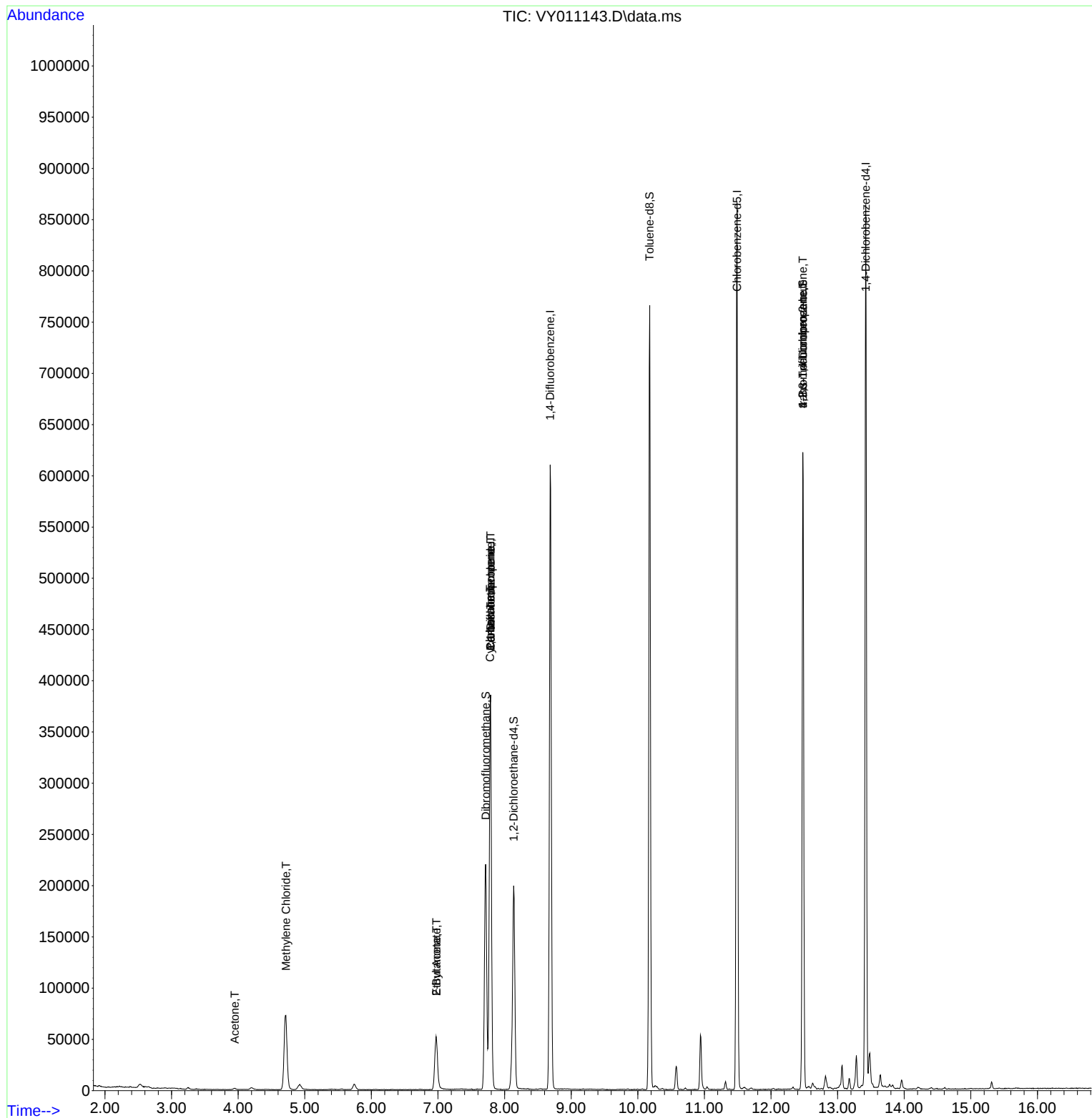
Internal Standards						
1) Pentafluorobenzene	7.789	168	299979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	534821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	477453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142472	51.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.120%	
35) Dibromofluoromethane	7.716	113	158122	53.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.179	98	503056	45.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.100%	
62) 4-Bromofluorobenzene	12.477	95	190908	48.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	5508	Below Cal	#	78
16) Acetone	3.948	43	1996	2.487	ug/l #	69
18) Methyl Acetate	4.710	43	390	Below Cal	#	56
20) Methylene Chloride	4.716	84	58039	11.766	ug/l	86
25) 2-Butanone	6.978	43	3353	2.755	ug/l	99
31) Cyclohexane	7.783	56	5989	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	23592	4.739	ug/l #	51
37) Ethyl Acetate	6.978	43	3353	1.216	ug/l #	1
38) Carbon Tetrachloride	7.789	117	30243	5.885	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	96519	38.286	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	96519	82.342	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

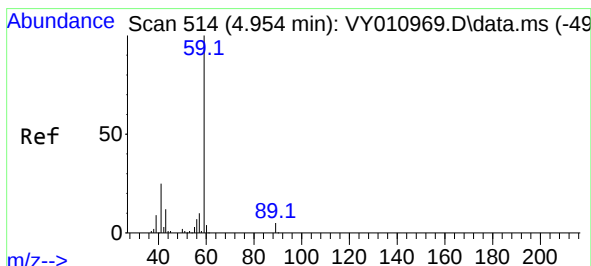
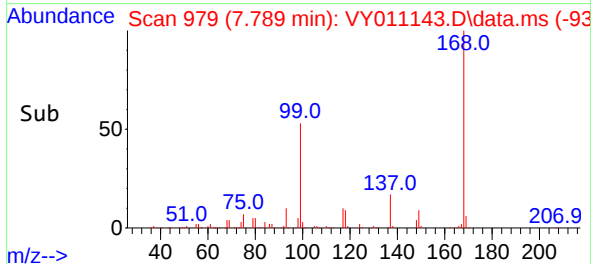
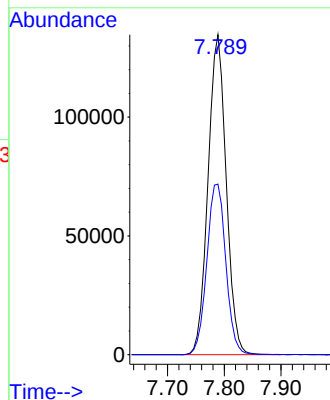
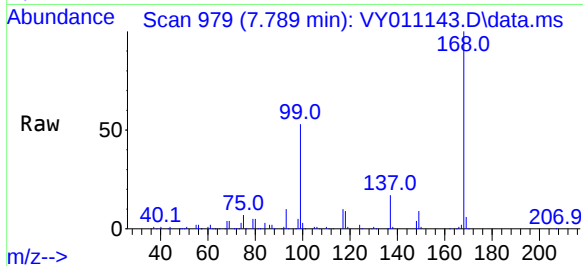




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

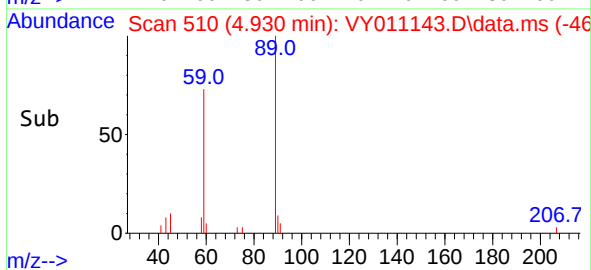
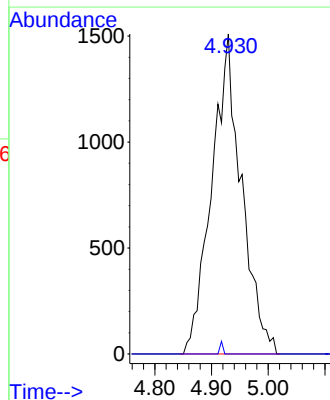
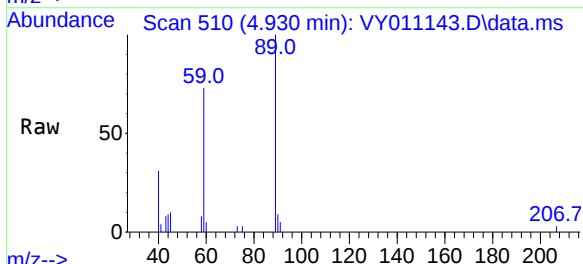
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

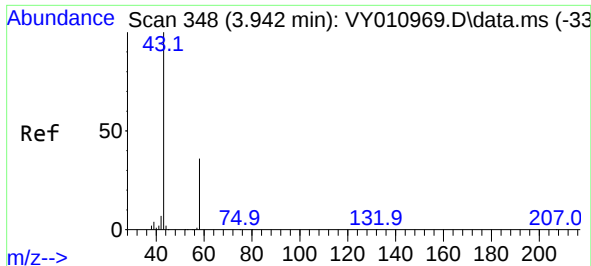
Tgt Ion:168 Resp: 299979
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 59 Resp: 5508
Ion Ratio Lower Upper
59 100
57 0.4 6.4 9.6#

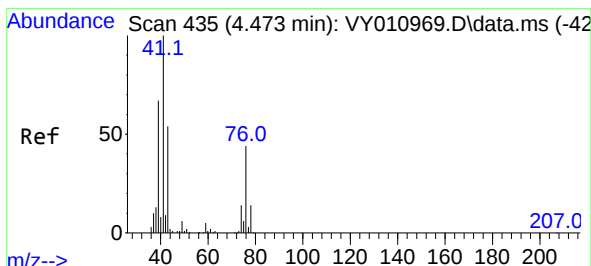
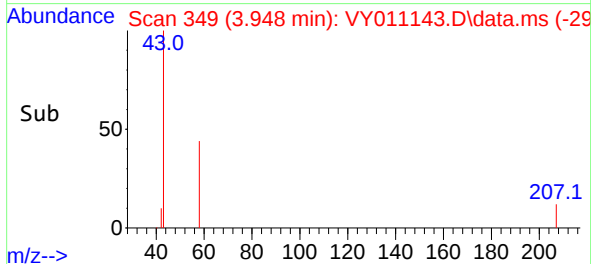
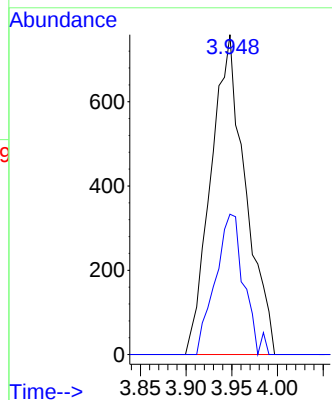
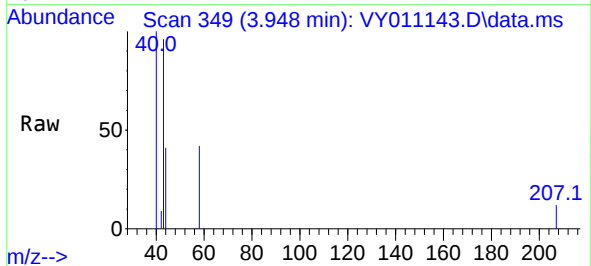




#16
Acetone
Concen: 2.487 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

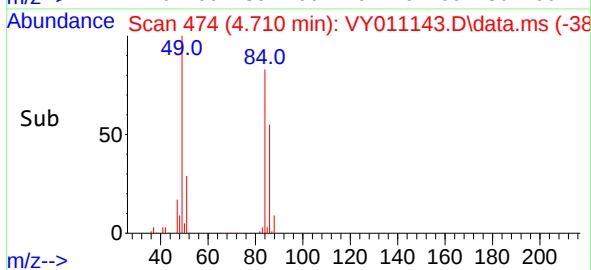
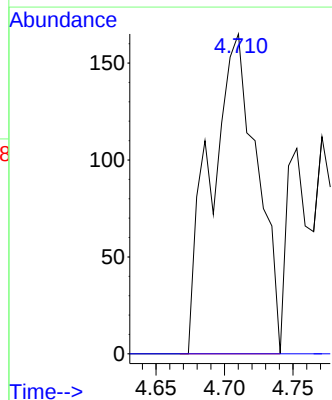
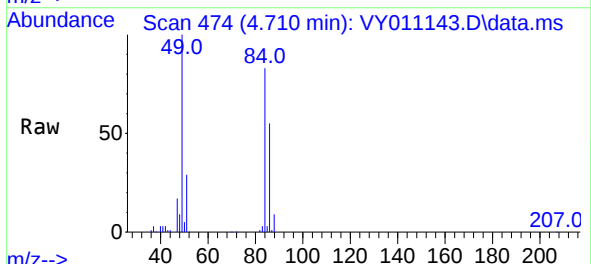
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

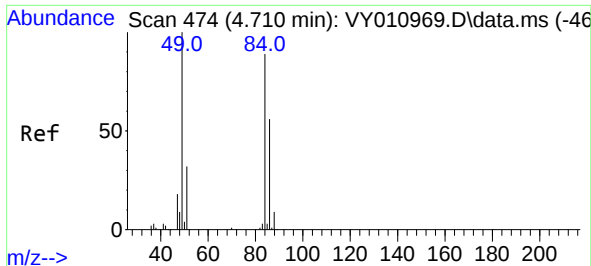
Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
58 43.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.237 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



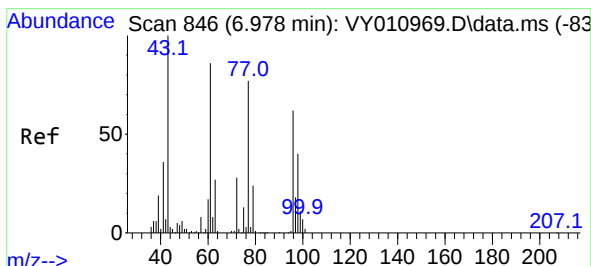
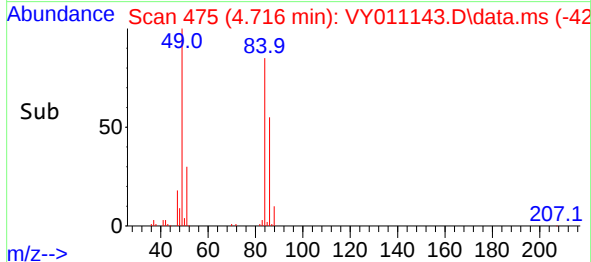
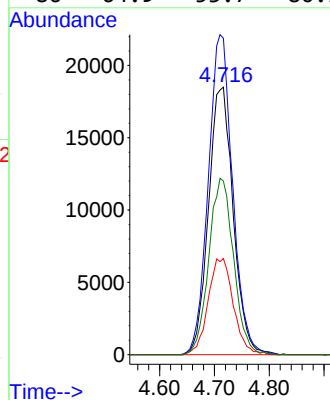
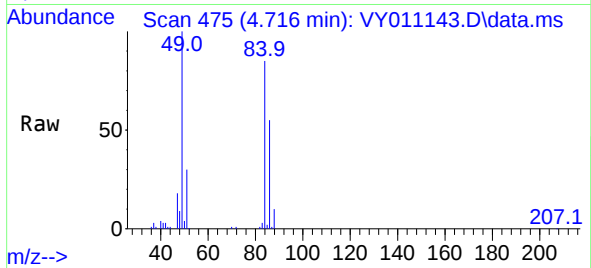


#20
Methylene Chloride
Concen: 11.766 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
SB-12

Tgt Ion: 84 Resp: 58039

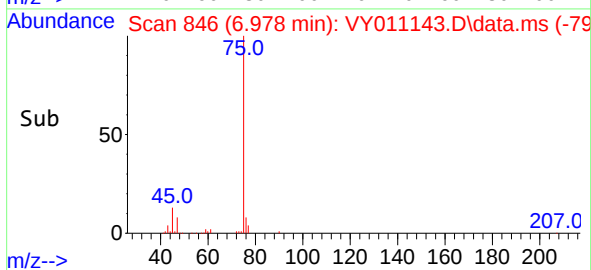
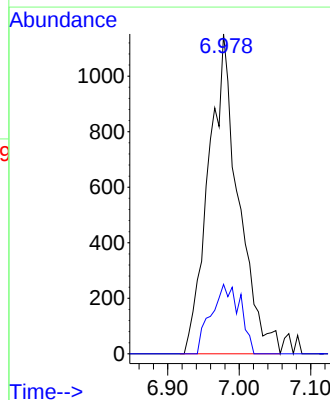
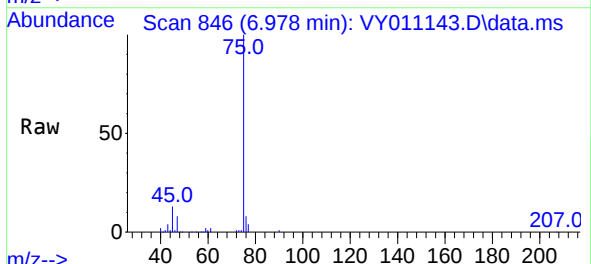
Ion	Ratio	Lower	Upper
84	100		
49	118.3	114.4	171.6
51	35.9	35.3	52.9
86	64.9	53.7	80.5

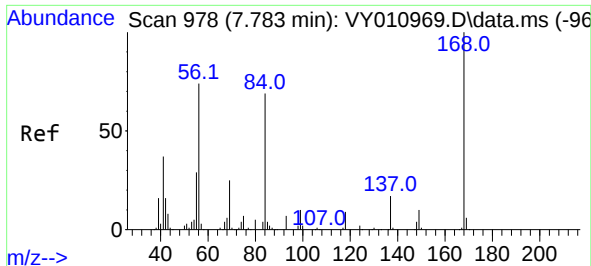


#25
2-Butanone
Concen: 2.755 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 43 Resp: 3353

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.7	26.5

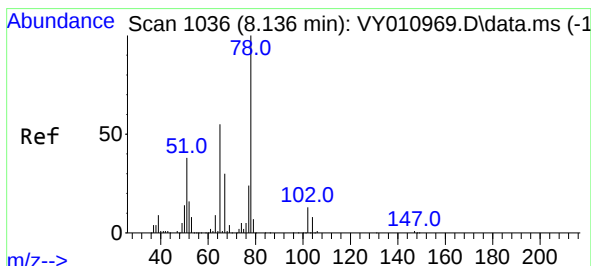
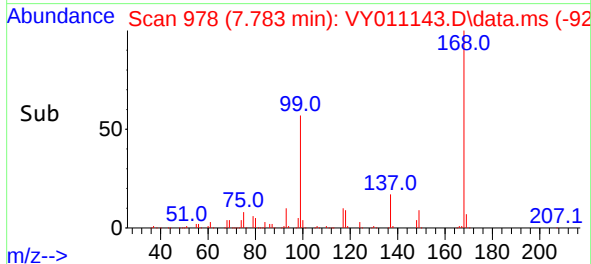
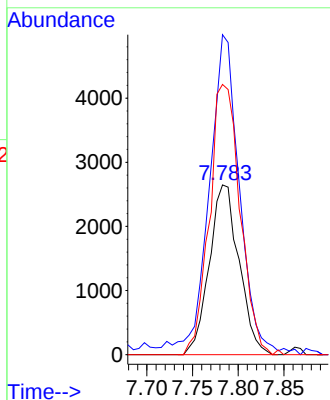
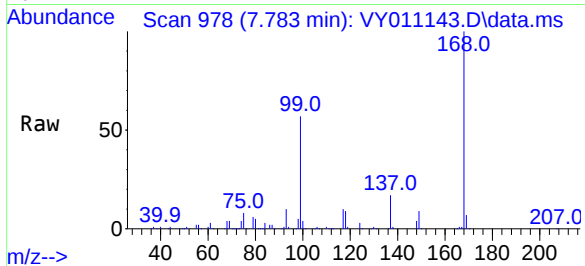




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

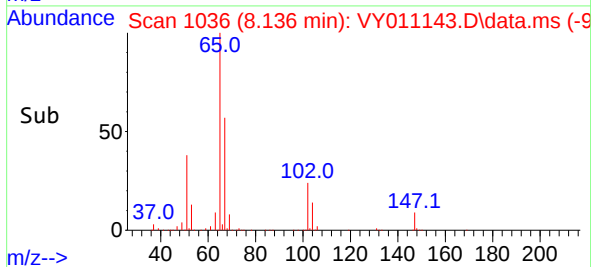
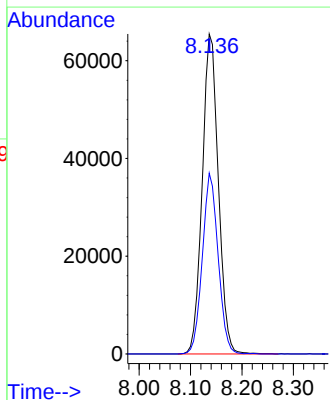
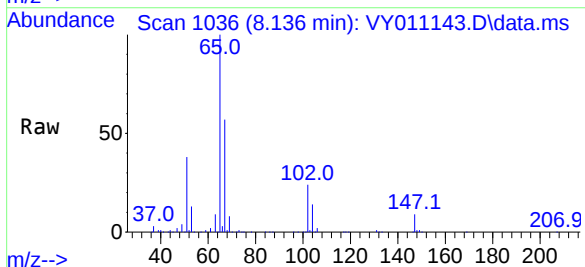
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

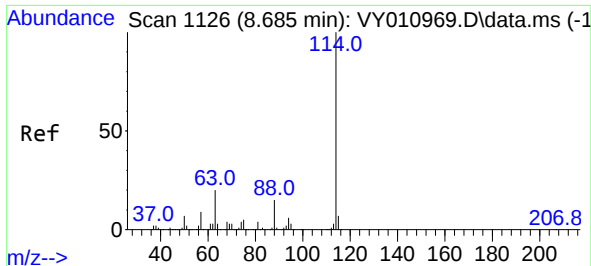
Tgt Ion: 56 Resp: 5989
Ion Ratio Lower Upper
56 100
69 186.2 26.7 40.1#
84 159.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.560 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 65 Resp: 142472
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4

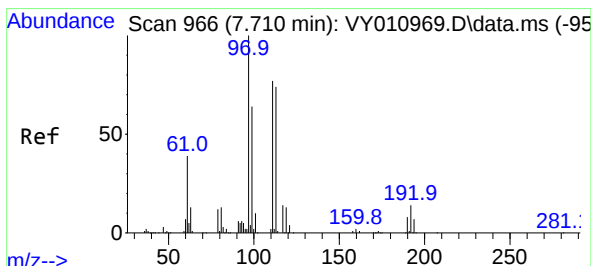
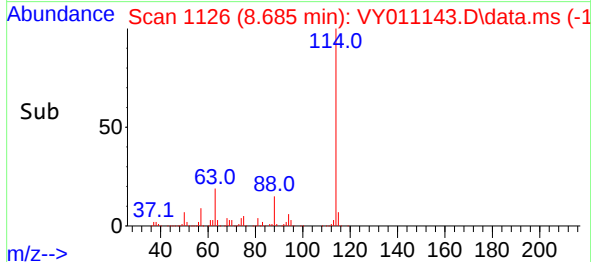
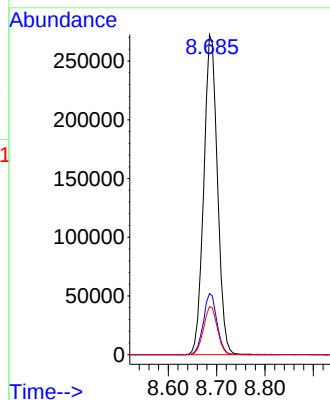
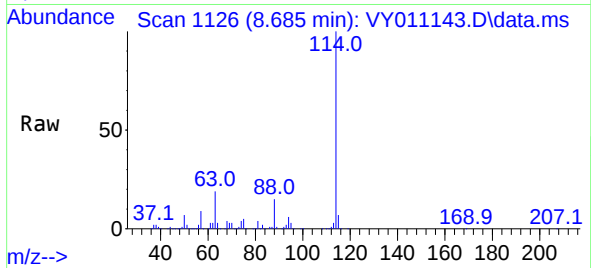




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

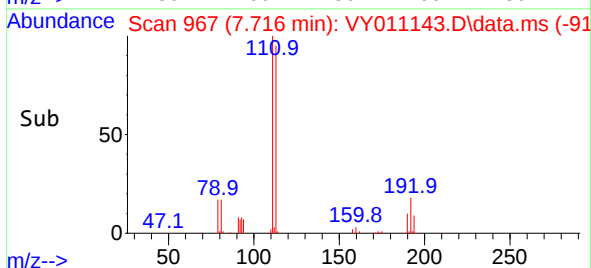
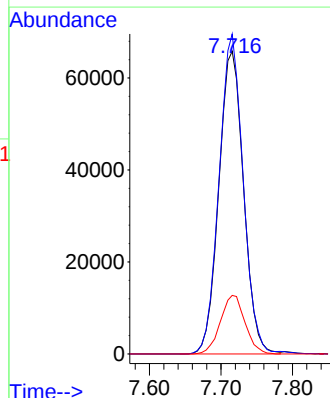
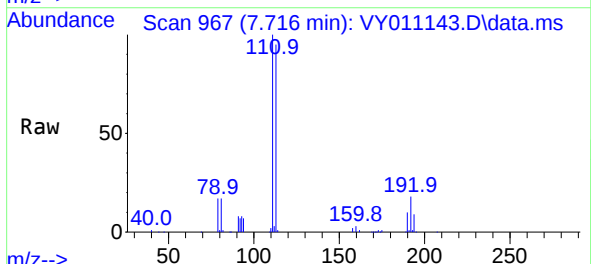
Instrument :
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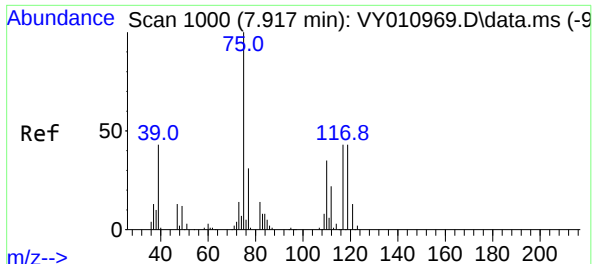
Tgt Ion:114 Resp: 534821
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.176 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion:113 Resp: 158122
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.739 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011143.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-12

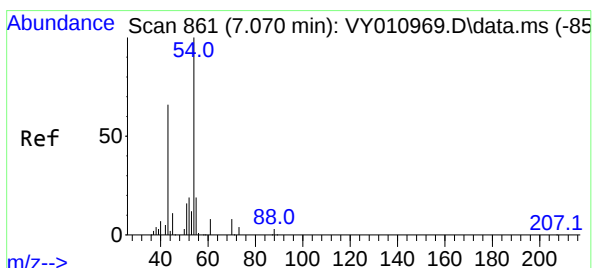
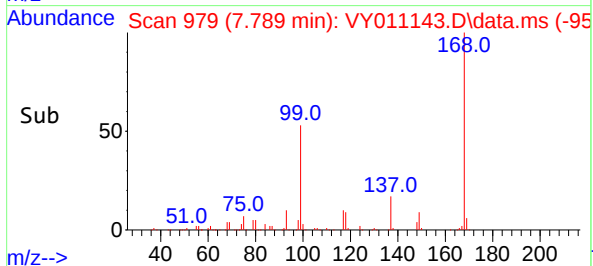
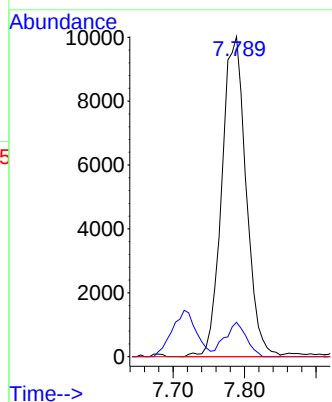
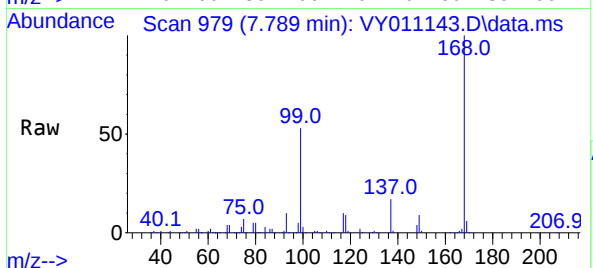
Tgt Ion: 75 Resp: 23592

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.216 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY011143.D

Acq: 27 Oct 2022 16:50

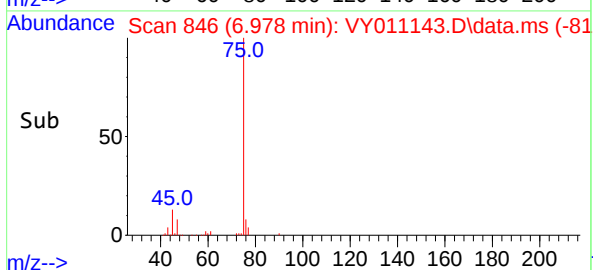
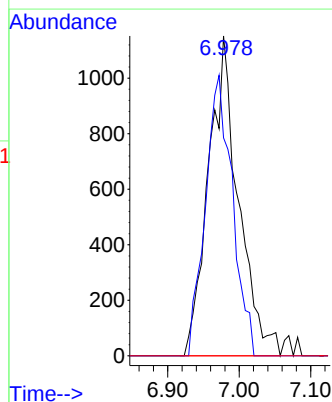
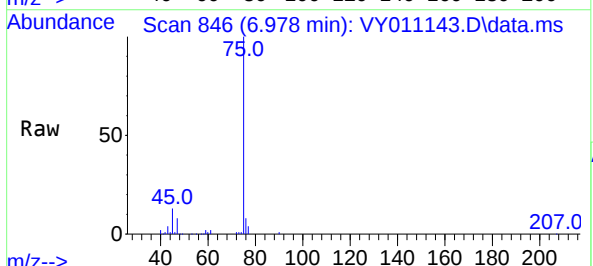
Tgt Ion: 43 Resp: 3353

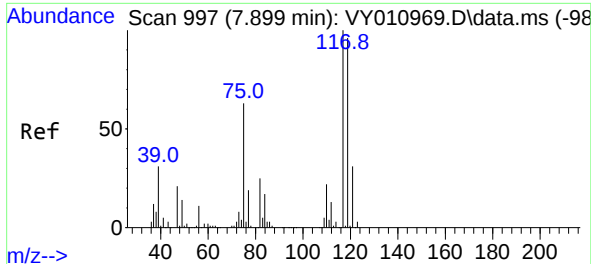
Ion Ratio Lower Upper

43 100

61 79.1 9.7 14.5#

70 0.0 7.1 10.7#

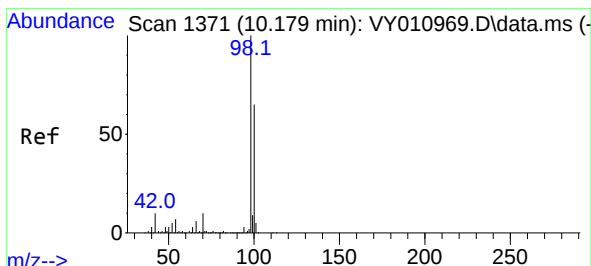
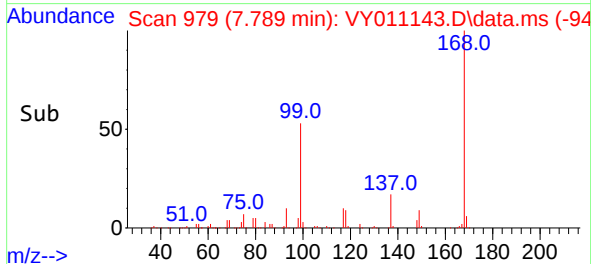
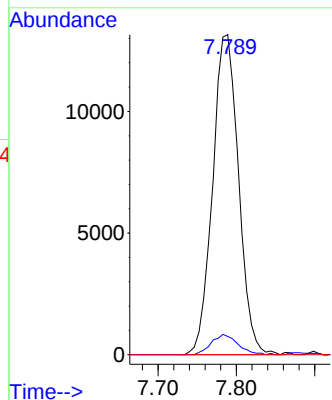
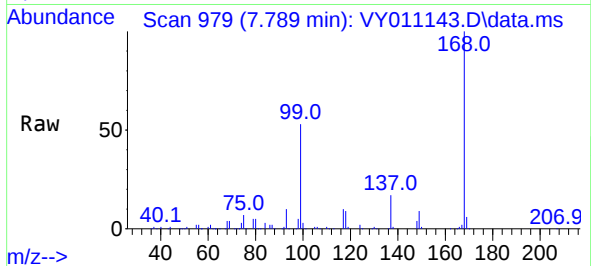




#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

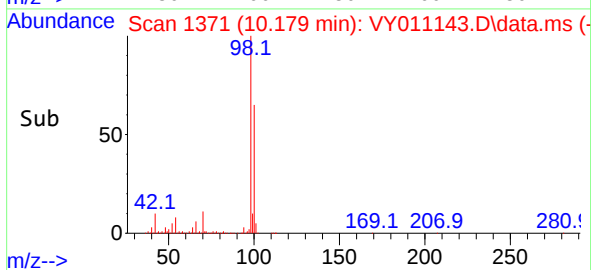
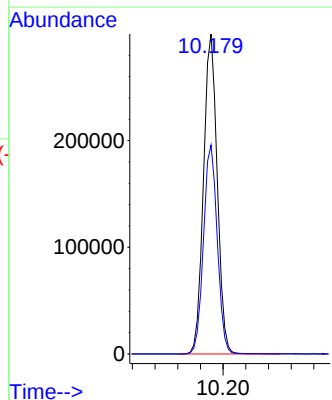
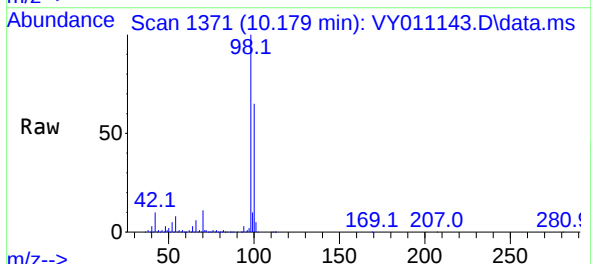
Instrument :
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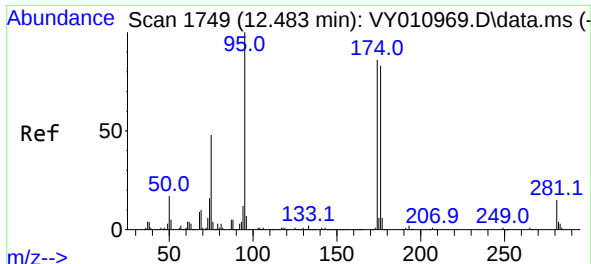
Tgt Ion:117 Resp: 30243
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.048 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 98 Resp: 503056
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

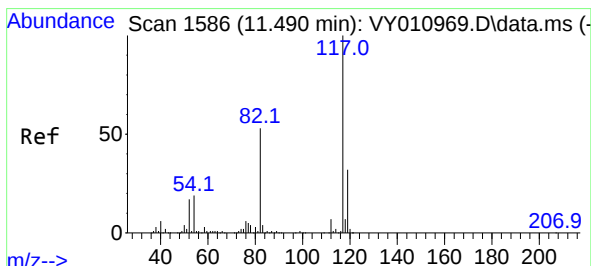
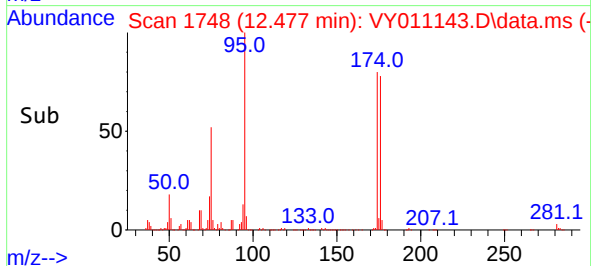
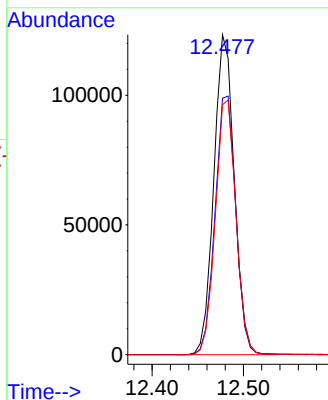
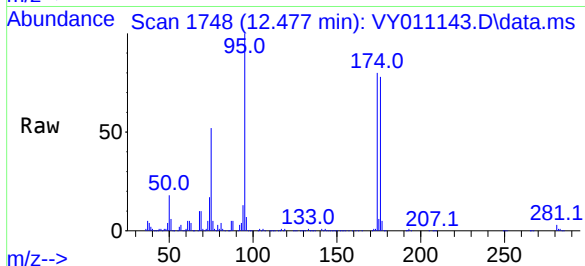




#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

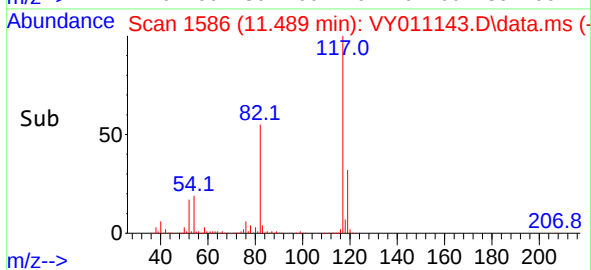
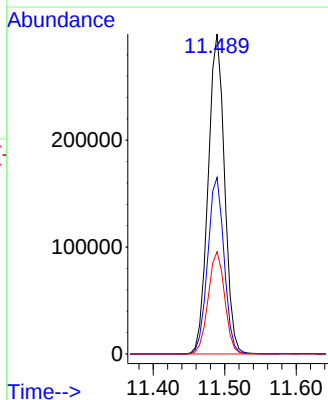
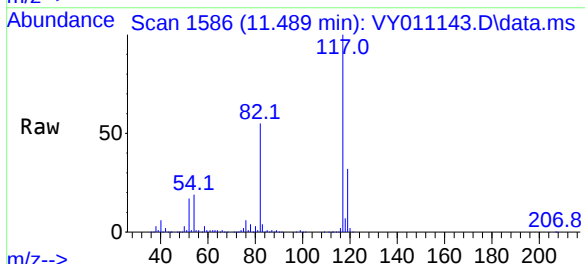
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

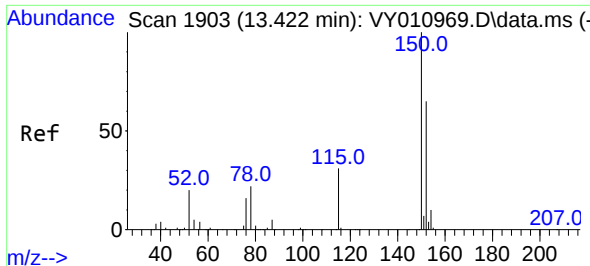
Tgt Ion: 95 Resp: 190908
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 117 Resp: 477453
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.0 25.4 38.0

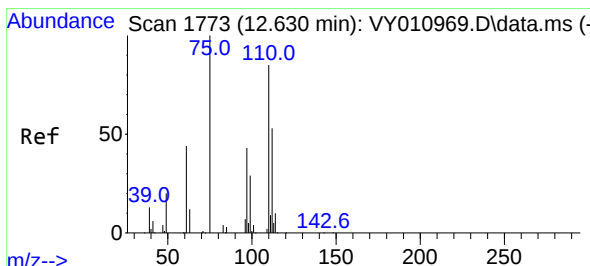
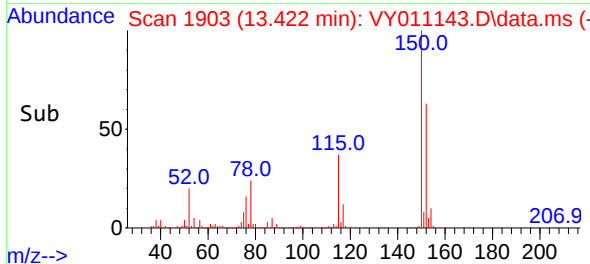
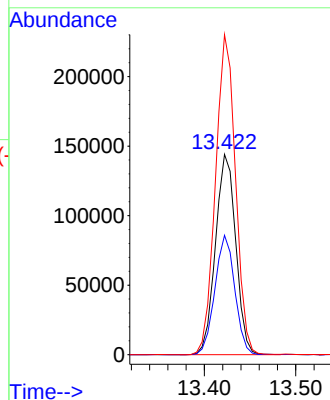
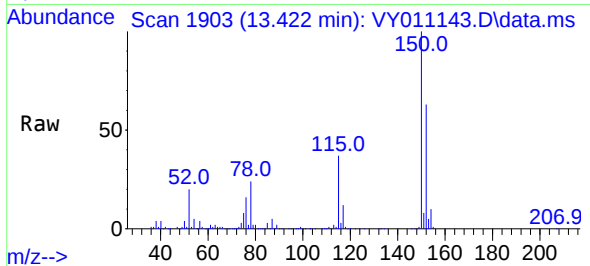




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

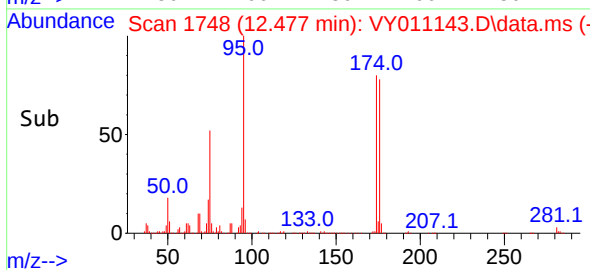
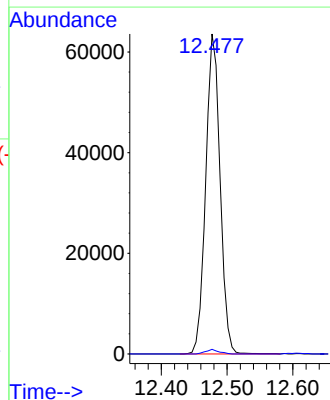
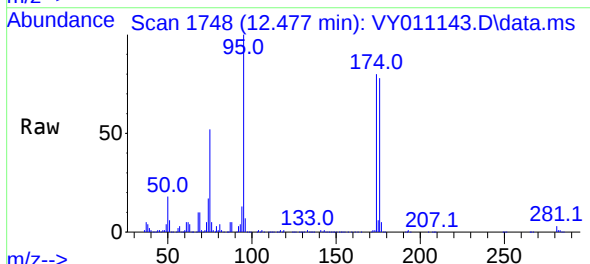
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

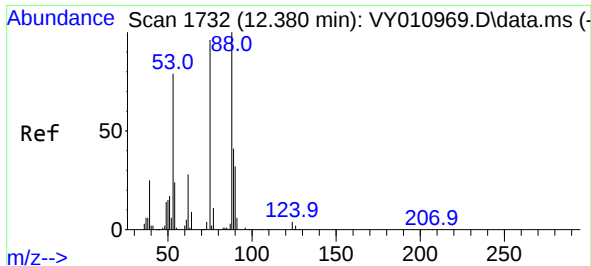
Tgt Ion:152 Resp: 222053
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 38.286 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 75 Resp: 96519
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.342 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011143.D
 Acq: 27 Oct 2022 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12

Tgt Ion: 75 Resp: 96519
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 0.0 37.0 55.4#

