

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011282.D
 Acq On : 03 Nov 2022 12:50
 Operator : KP/MD
 Sample : N5392-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-103122

Quant Time: Nov 03 14:30:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

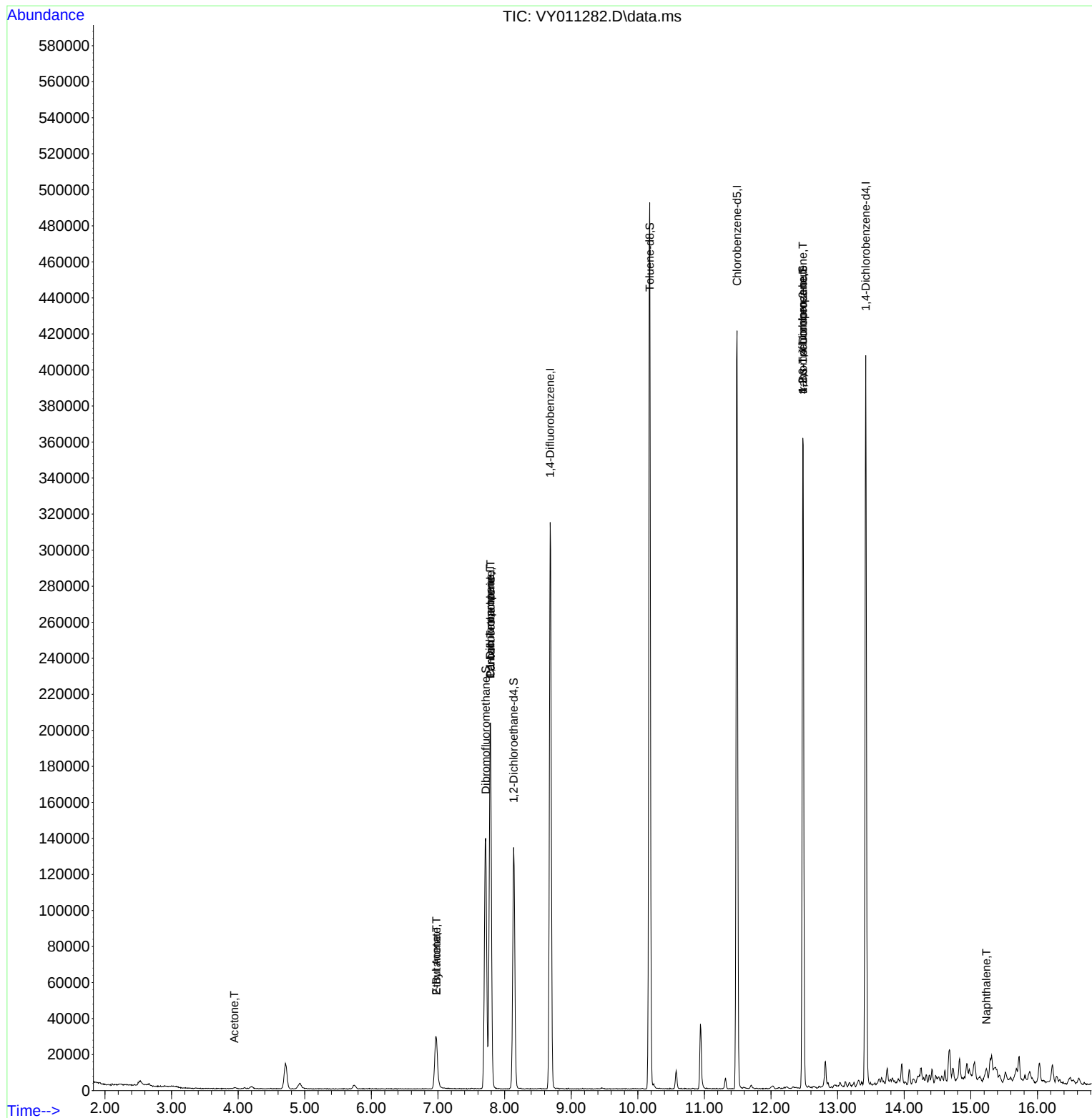
Internal Standards						
1) Pentafluorobenzene	7.789	168	164782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	244978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102967	58.426	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.860%	
35) Dibromofluoromethane	7.716	113	103733	58.026	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	116.060%	
50) Toluene-d8	10.179	98	339684	48.940	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	97.880%	
62) 4-Bromofluorobenzene	12.477	95	114174	47.383	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	94.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	3683	Below Cal	#	77
16) Acetone	3.942	43	1220	2.293	ug/l	93
25) 2-Butanone	6.978	43	1896	2.533	ug/l	98
36) 1,1-Dichloropropene	7.783	75	12046	4.126	ug/l #	51
37) Ethyl Acetate	6.978	43	1896	1.205	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15792	5.214	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	55130	42.301	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55130	90.529	ug/l #	7
95) Naphthalene	15.233	128	4445	4.827	ug/l #	92

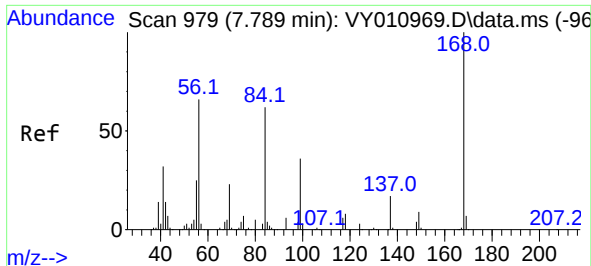
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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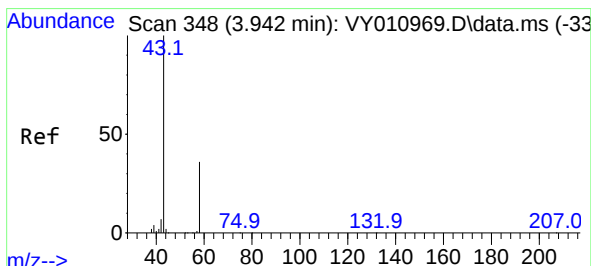
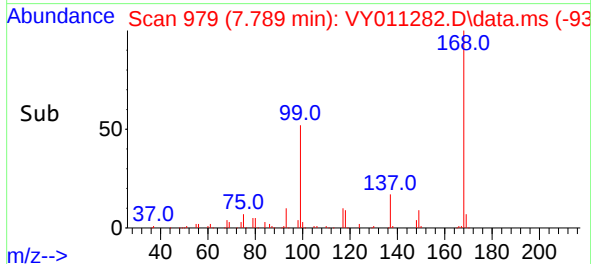
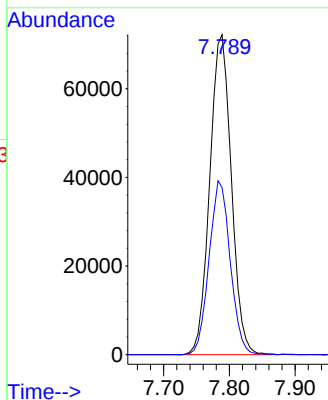
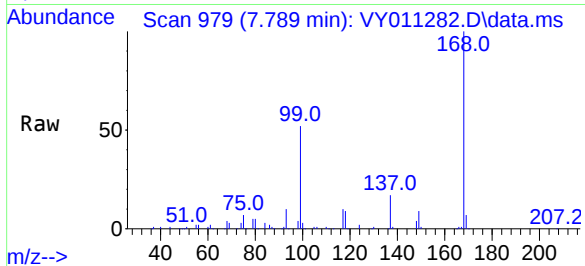




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

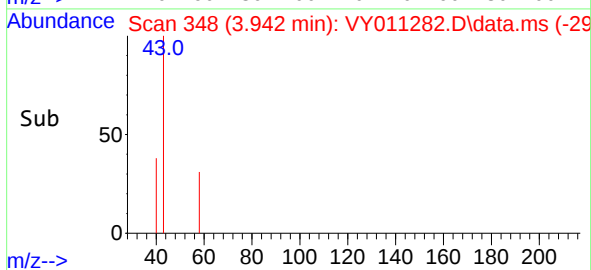
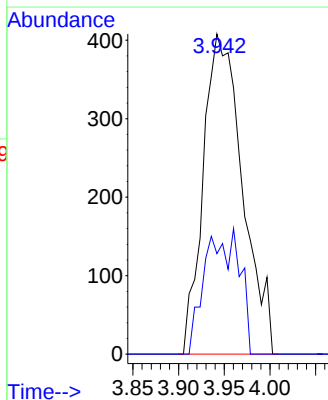
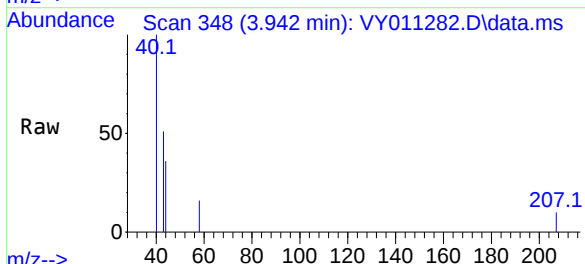
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-103122

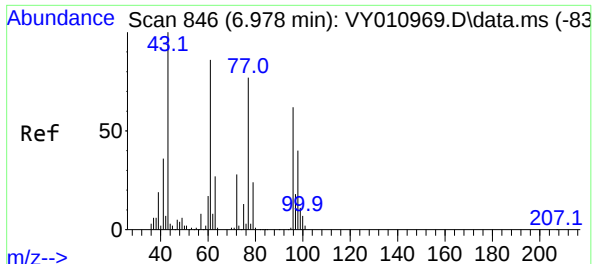
Tgt Ion:168 Resp: 164782
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#16
Acetone
Concen: 2.293 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0

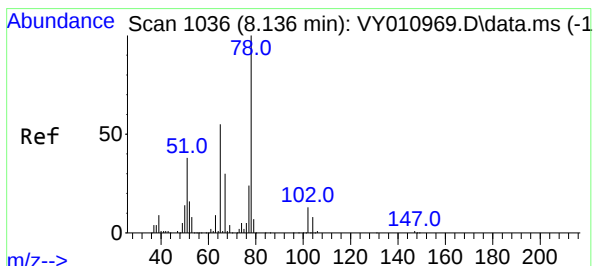
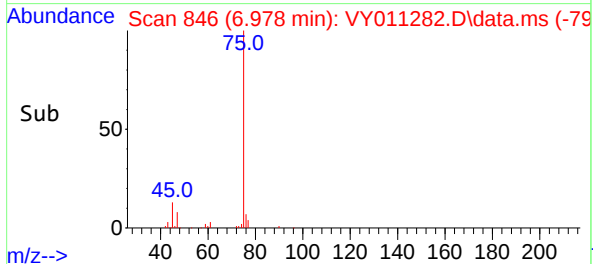
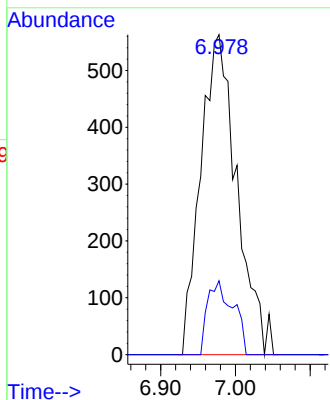
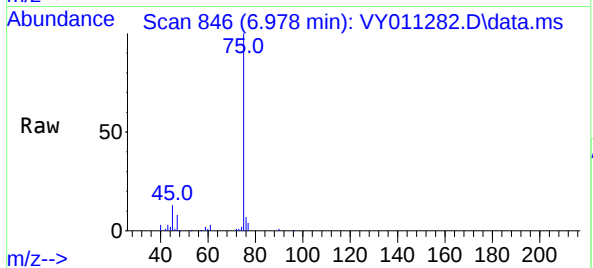




#25
2-Butanone
Concen: 2.533 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

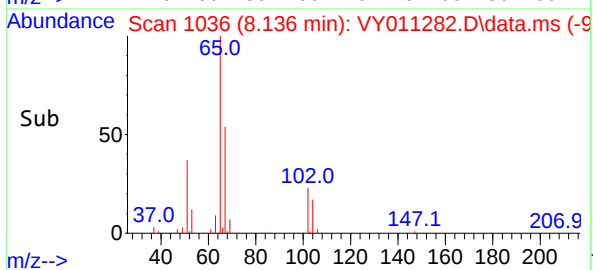
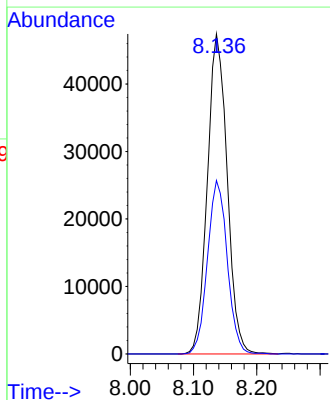
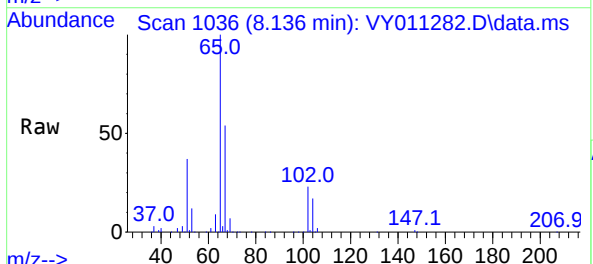
Instrument :
MSVOA_Y
ClientSampleId :
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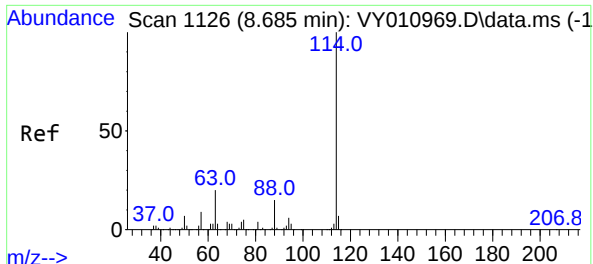
Tgt Ion: 43 Resp: 1896
Ion Ratio Lower Upper
43 100
72 23.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 58.426 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

Tgt Ion: 65 Resp: 102967
Ion Ratio Lower Upper
65 100
67 54.2 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: VY011282.D

Acq: 03 Nov 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-103122

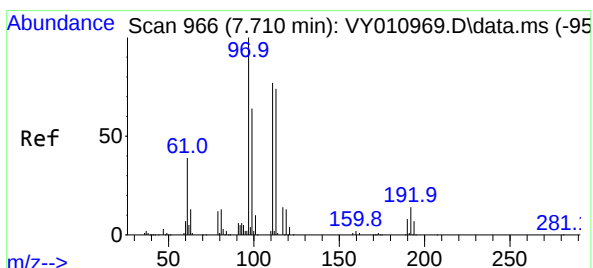
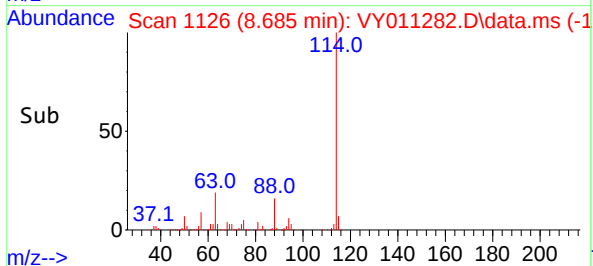
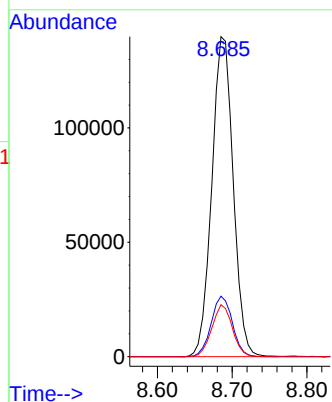
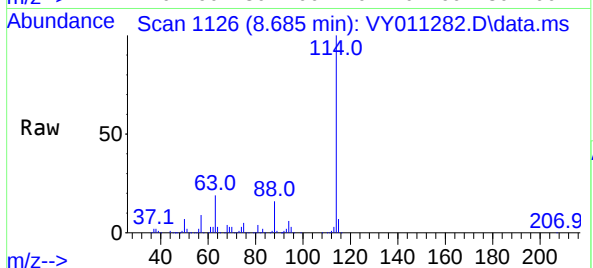
Tgt Ion:114 Resp: 278241

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.026 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011282.D

Acq: 03 Nov 2022 12:50

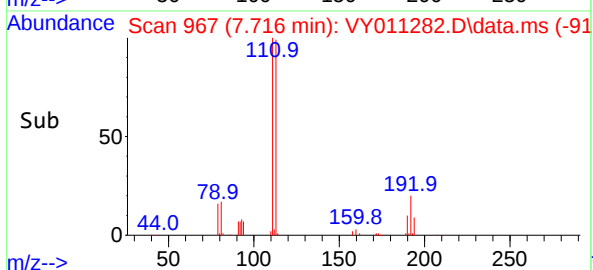
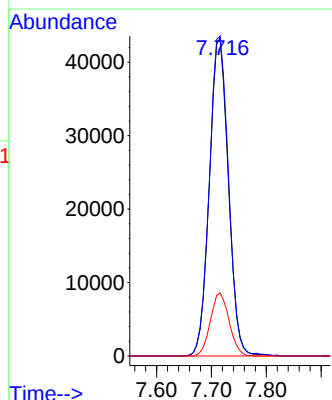
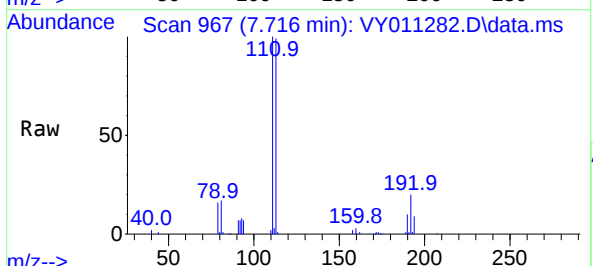
Tgt Ion:113 Resp: 103733

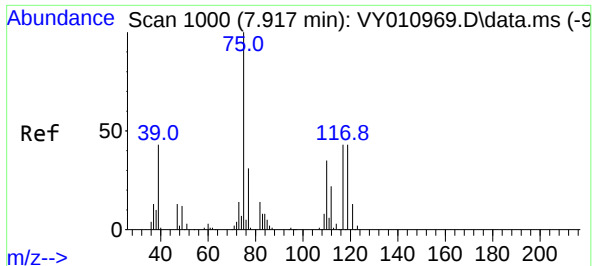
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.126 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011282.D

Acq: 03 Nov 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-103122

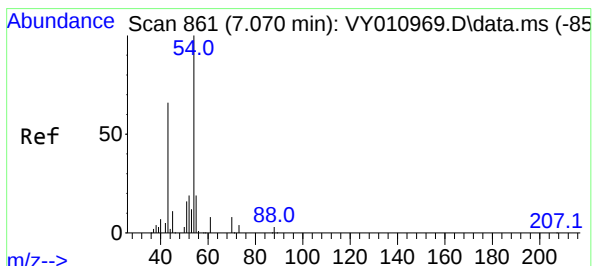
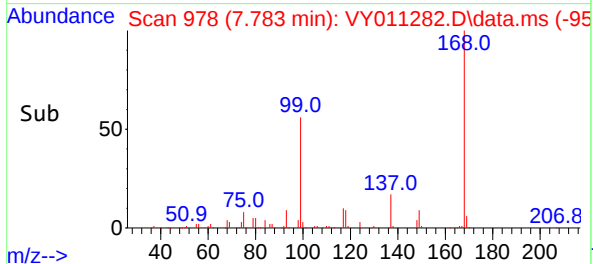
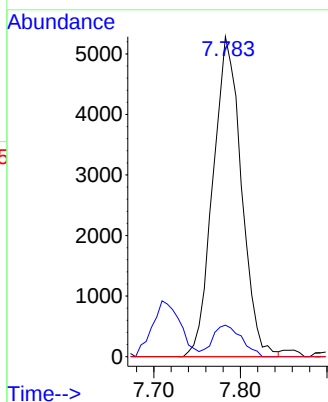
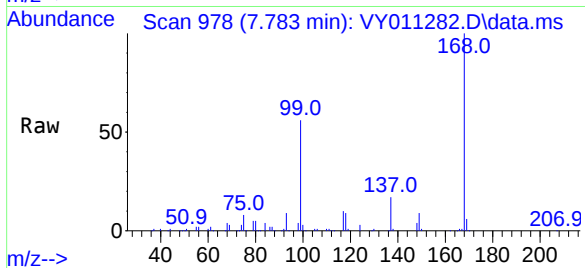
Tgt Ion: 75 Resp: 12046

Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.205 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY011282.D

Acq: 03 Nov 2022 12:50

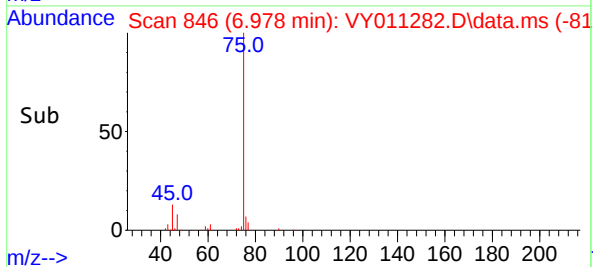
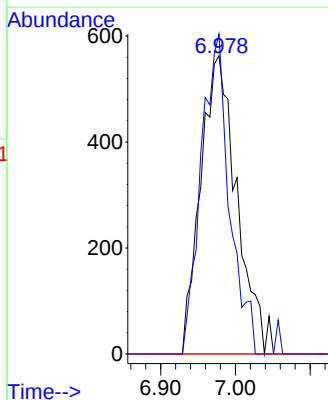
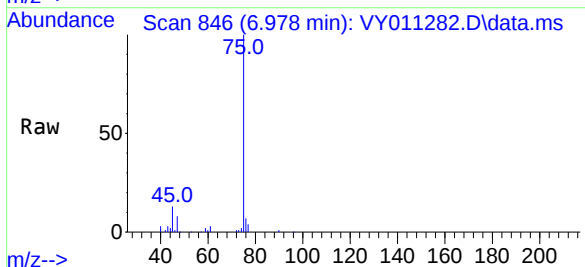
Tgt Ion: 43 Resp: 1896

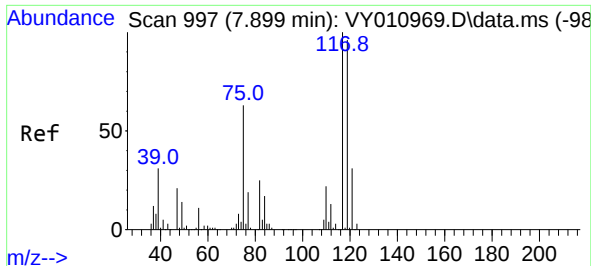
Ion Ratio Lower Upper

43 100

61 84.0 9.7 14.5#

70 0.0 7.1 10.7#

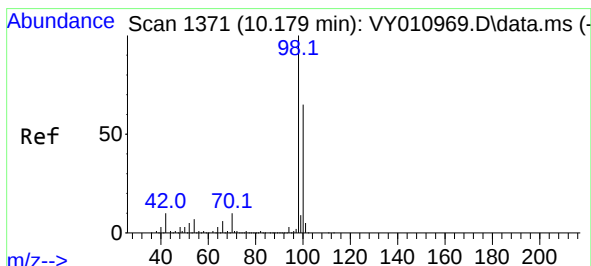
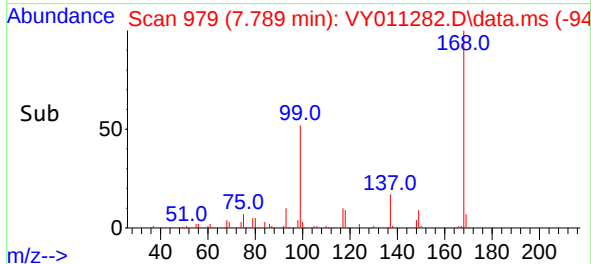
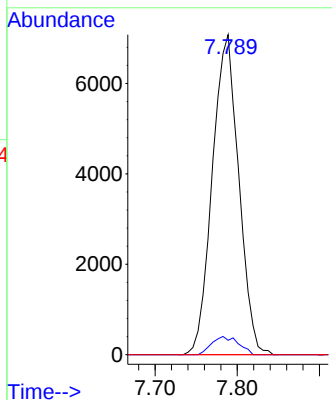
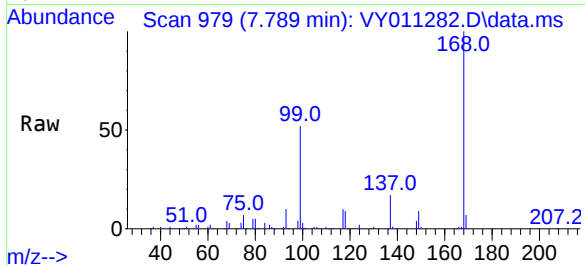




#38
Carbon Tetrachloride
Concen: 5.214 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

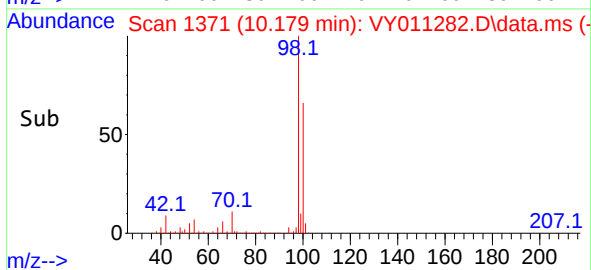
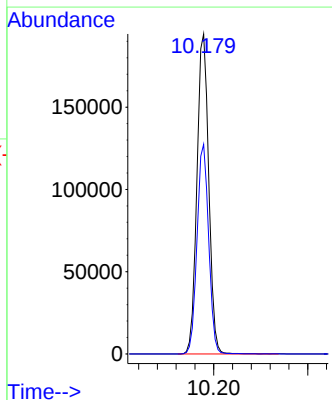
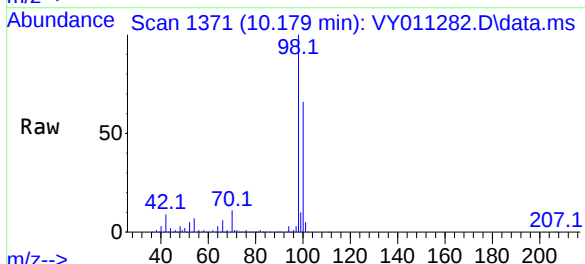
Instrument :
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ClientSampleId :
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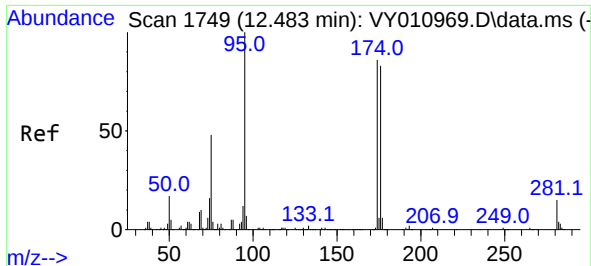
Tgt Ion:117 Resp: 15792
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.940 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

Tgt Ion: 98 Resp: 339684
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

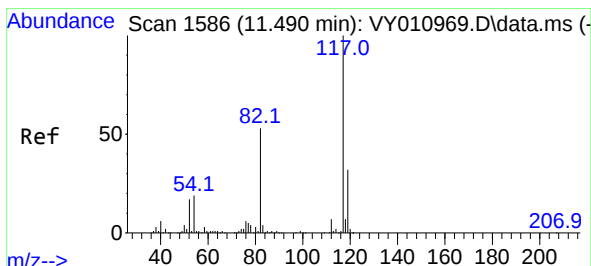
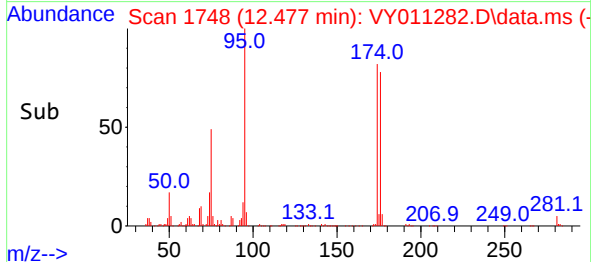
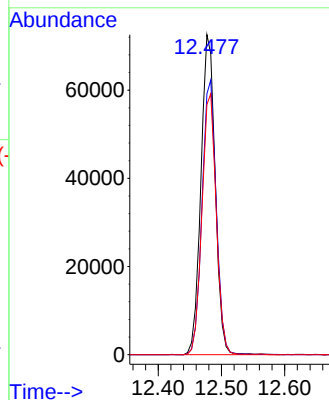
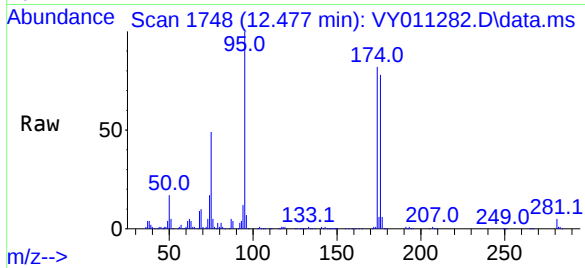




#62
4-Bromofluorobenzene
Concen: 47.383 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

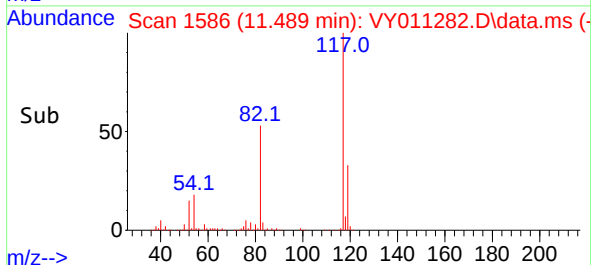
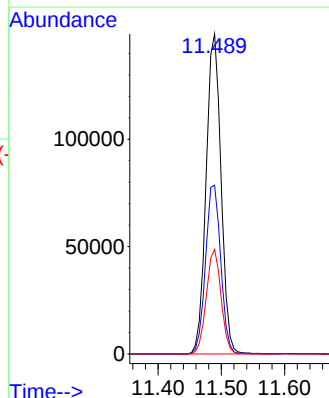
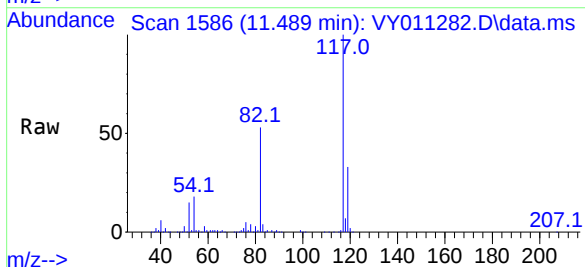
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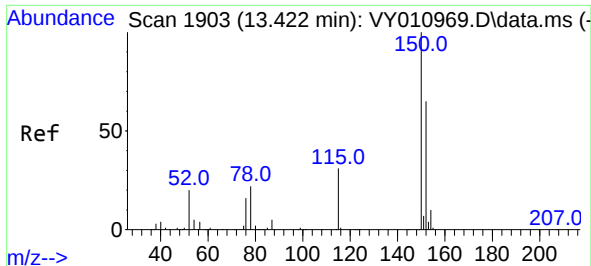
Tgt Ion: 95 Resp: 114174
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

Tgt Ion: 117 Resp: 244978
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.7 25.4 38.0

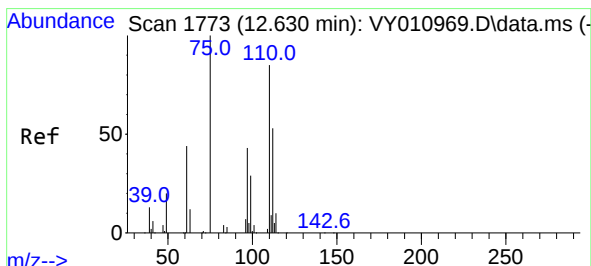
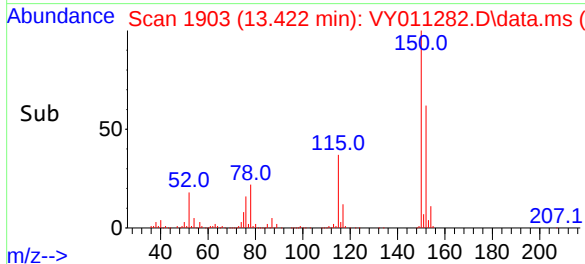
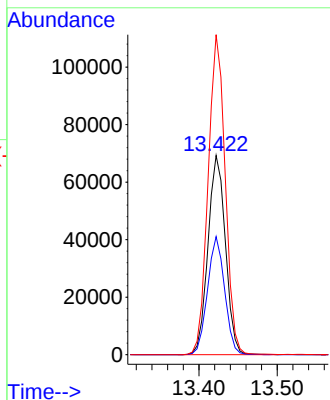
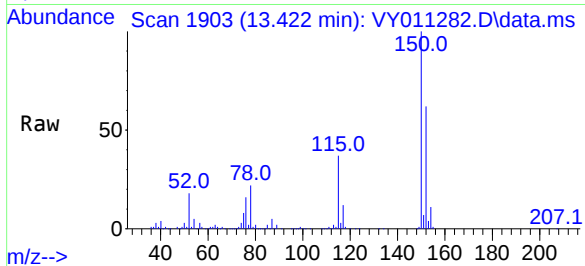




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

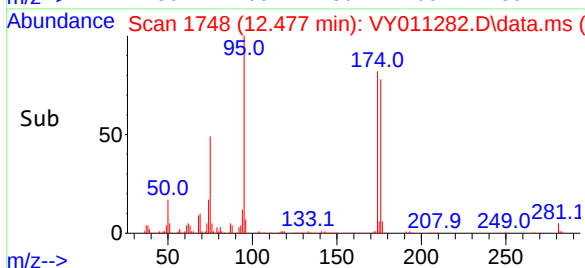
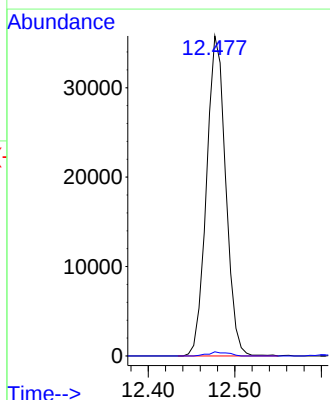
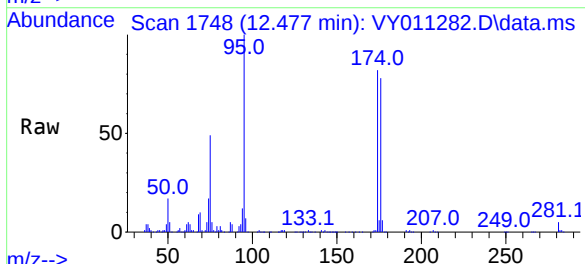
Instrument :
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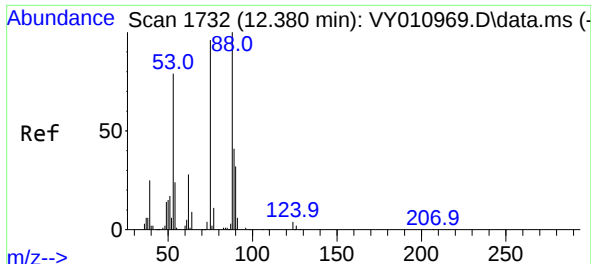
Tgt Ion:152 Resp: 107054
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.301 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

Tgt Ion: 75 Resp: 55130
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

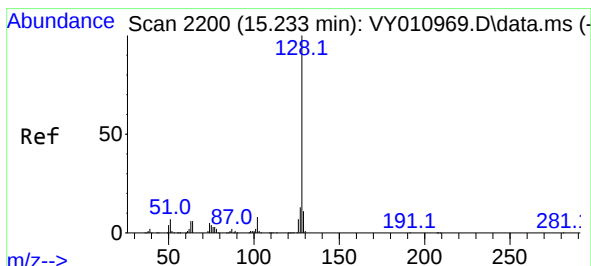
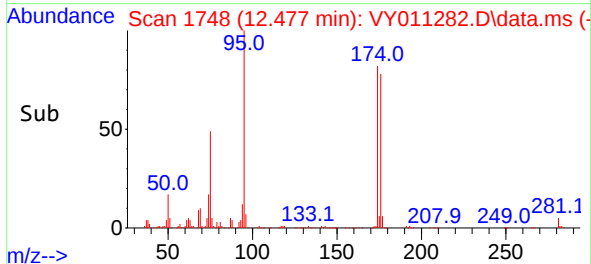
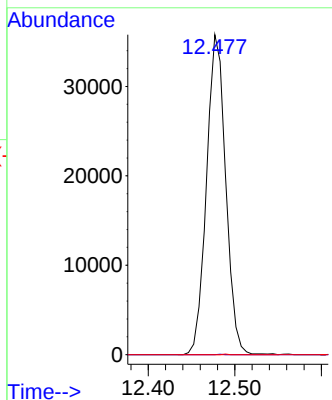
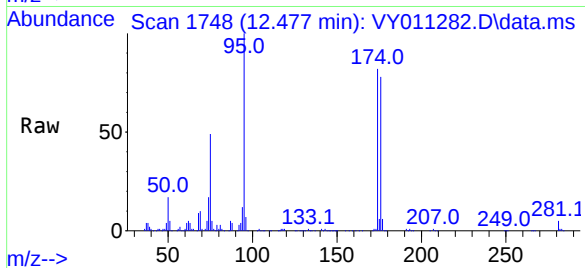




#81
trans-1,4-Dichloro-2-butene
Concen: 90.529 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
OE-1-103122

Tgt Ion: 75 Resp: 55130
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.827 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011282.D
Acq: 03 Nov 2022 12:50

Tgt Ion: 128 Resp: 4445
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 16.8 8.4 12.6#

