

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011264.D
 Acq On : 02 Nov 2022 15:49
 Operator : KP/MD
 Sample : N5398-08
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2-103122

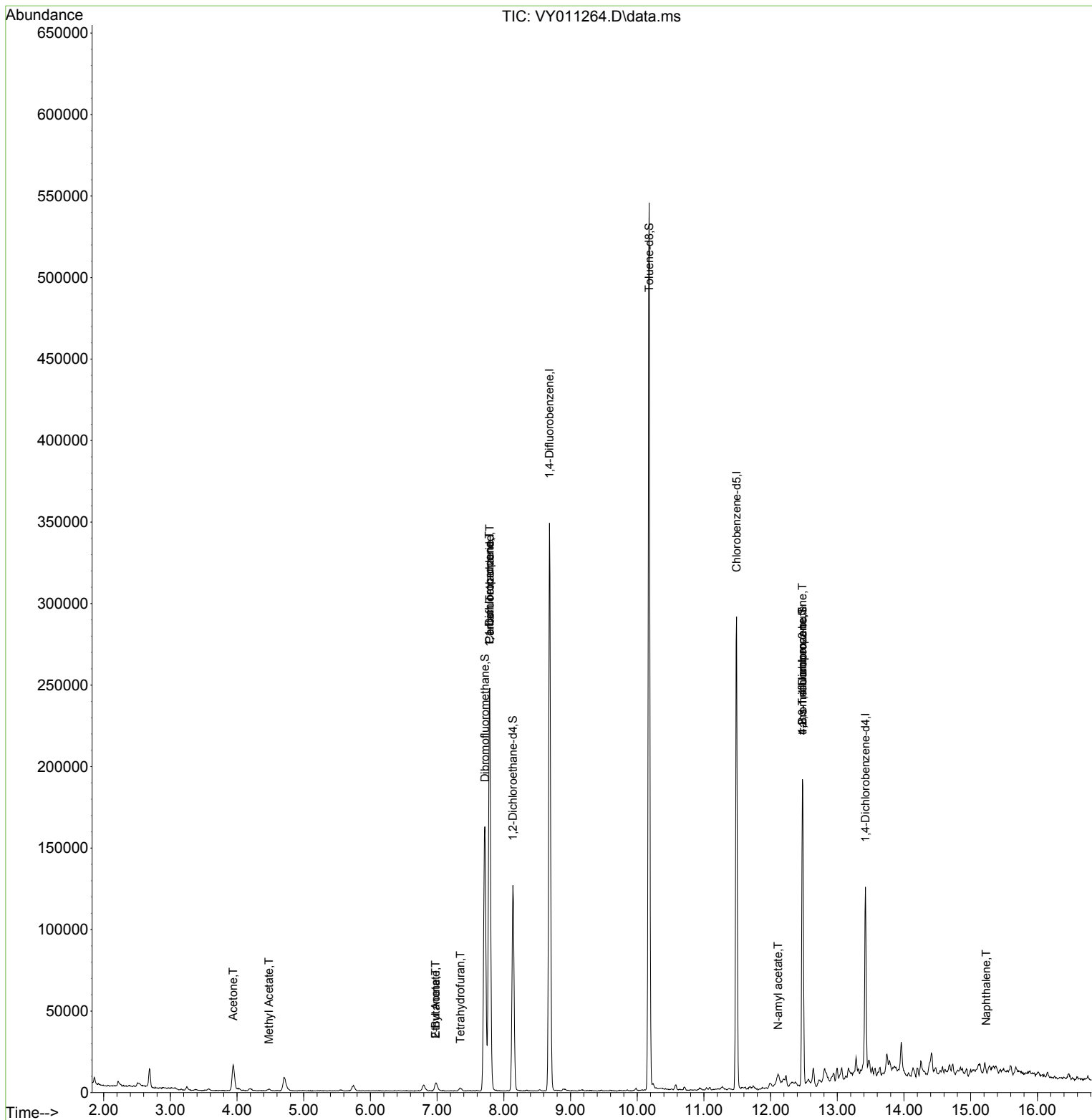
Quant Time: Nov 03 05:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

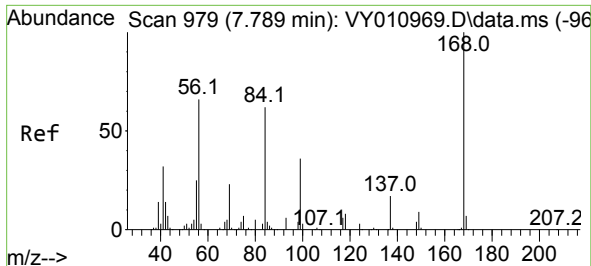
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	196978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95026	45.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.716	113	119132	60.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.920%
50) Toluene-d8	10.179	98	361155	47.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.477	95	58332	22.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.300%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	19	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	162	Below Cal	#	77
16) Acetone	3.942	43	27079	42.582	ug/l #	83
18) Methyl Acetate	4.479	43	1905	1.132	ug/l	99
20) Methylene Chloride	4.710	84	6517	Below Cal	#	77
25) 2-Butanone	6.978	43	8360	9.343	ug/l #	90
29) Tetrahydrofuran	7.350	42	1323	2.540	ug/l #	77
36) 1,1-Dichloropropene	7.783	75	14422	4.519	ug/l #	51
37) Ethyl Acetate	6.978	43	8360	4.860	ug/l #	72
38) Carbon Tetrachloride	7.789	117	19045	5.753	ug/l #	16
74) N-amyl acetate	12.111	43	2108	3.723	ug/l #	79
76) 1,2,3-Trichloropropane	12.477	75	27821	75.753	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27821	162.122	ug/l #	8
95) Naphthalene	15.233	128	601	4.381	ug/l #	85

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

Quant Time: Nov 03 05:17:09 2022
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Quant Title : SW846 8260
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Response via : Initial Calibration

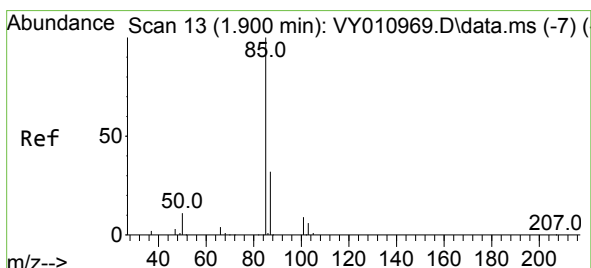
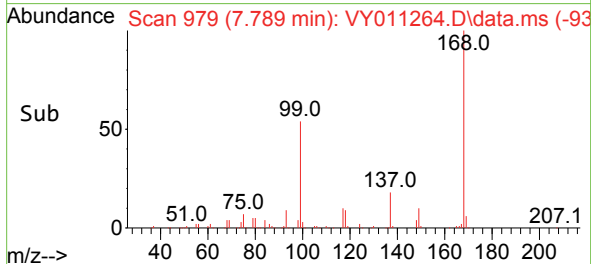
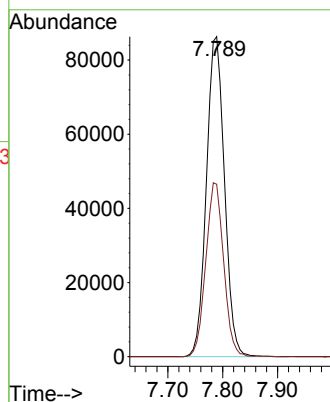
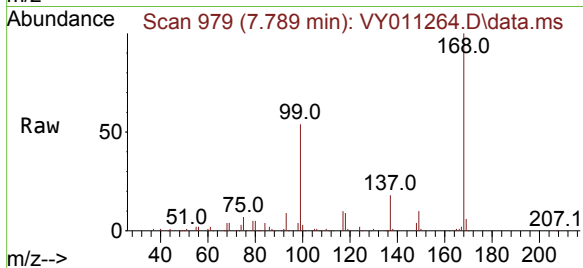




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

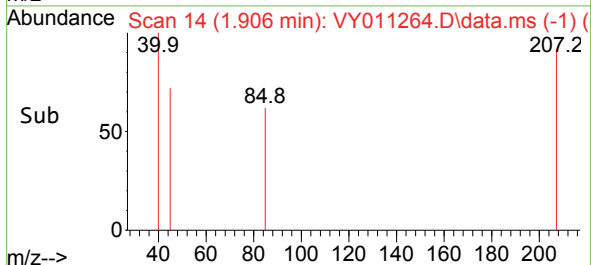
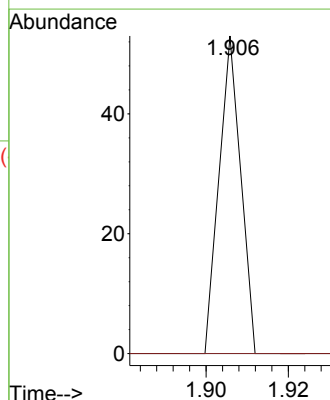
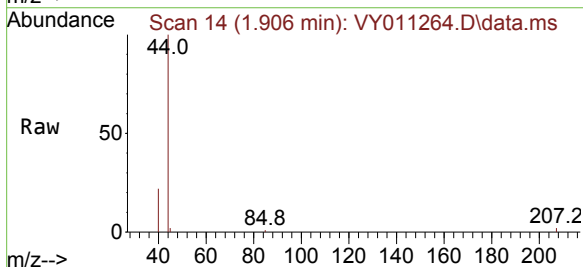
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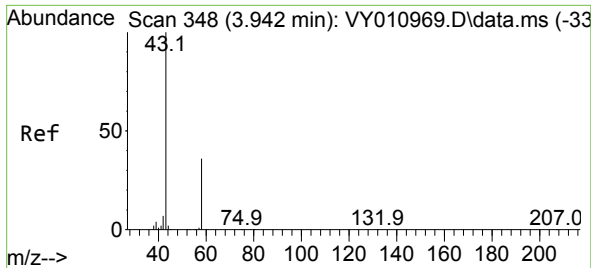
Tgt Ion:168 Resp: 196978
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

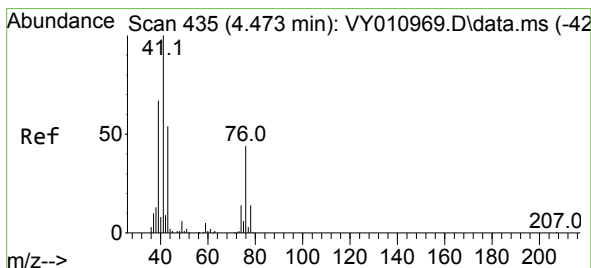
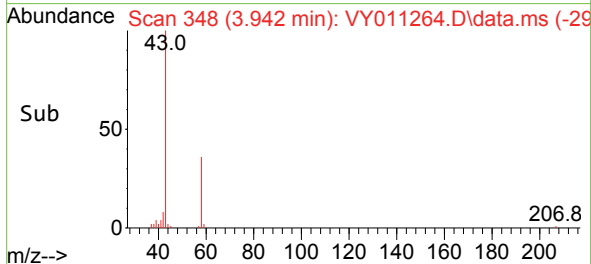
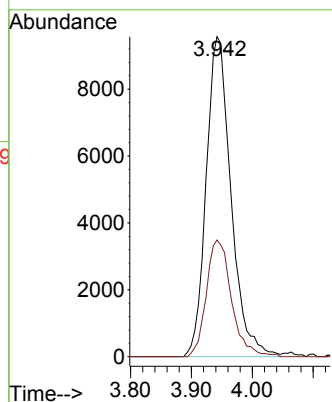
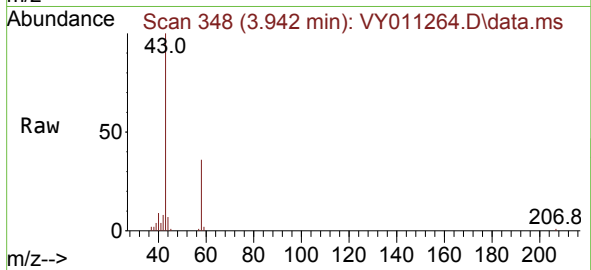




#16
Acetone
Concen: 42.582 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

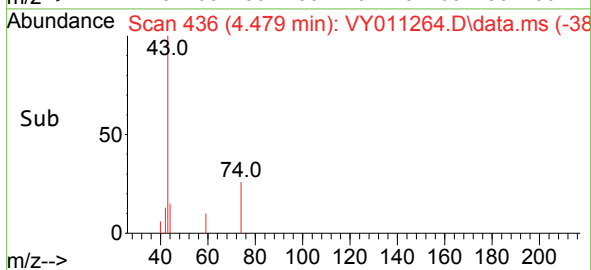
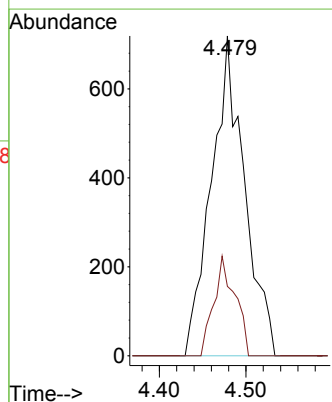
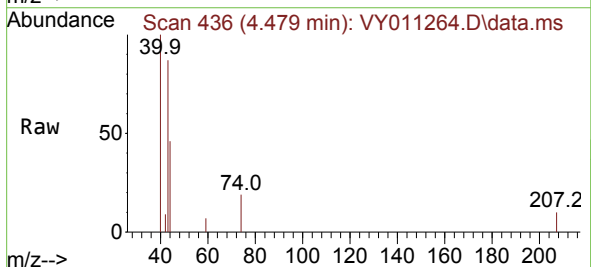
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

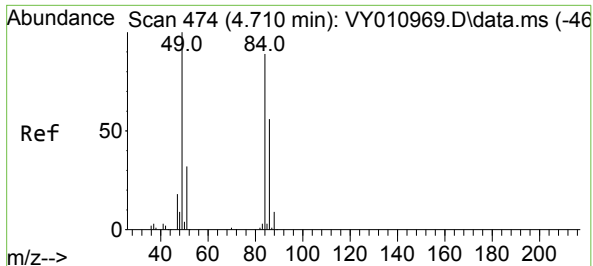
Tgt Ion: 43 Resp: 27079
Ion Ratio Lower Upper
43 100
58 36.5 22.0 33.0#



#18
Methyl Acetate
Concen: 1.132 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 43 Resp: 1905
Ion Ratio Lower Upper
43 100
74 20.1 16.6 24.8

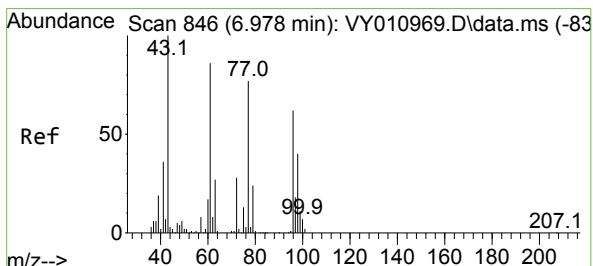
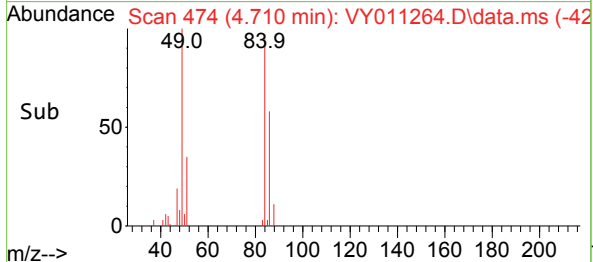
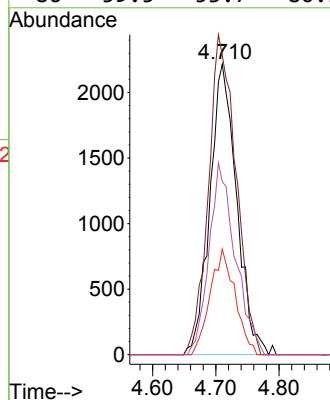
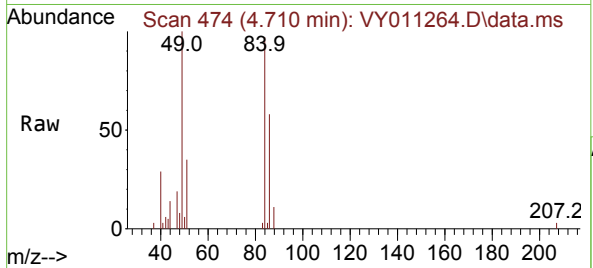




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

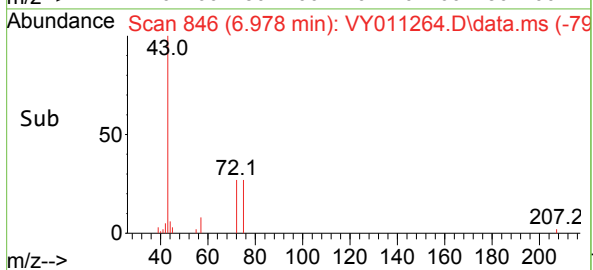
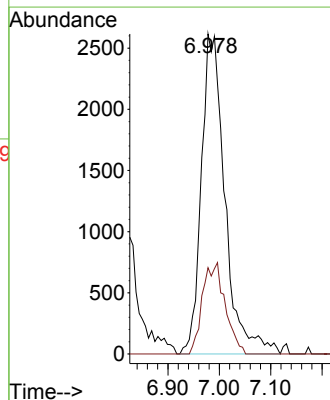
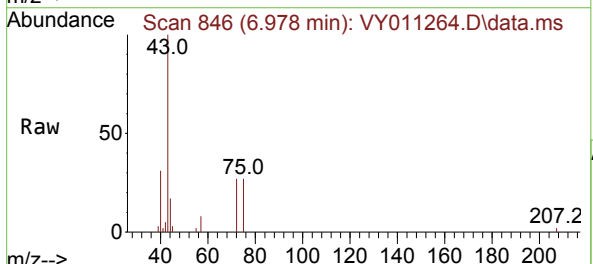
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

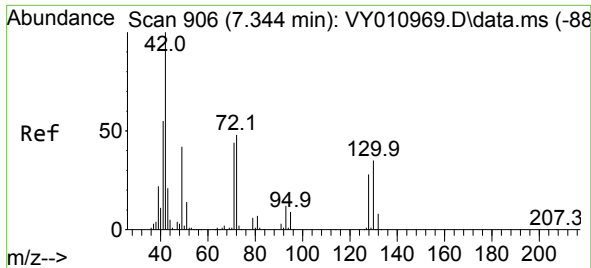
Tgt Ion: 84 Resp: 6517
Ion Ratio Lower Upper
84 100
49 103.1 114.4 171.6#
51 36.4 35.3 52.9
86 59.5 53.7 80.5



#25
2-Butanone
Concen: 9.343 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 43 Resp: 8360
Ion Ratio Lower Upper
43 100
72 26.9 17.7 26.5#





#29

Tetrahydrofuran

Concen: 2.540 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011264.D

Acq: 02 Nov 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

S-2-103122

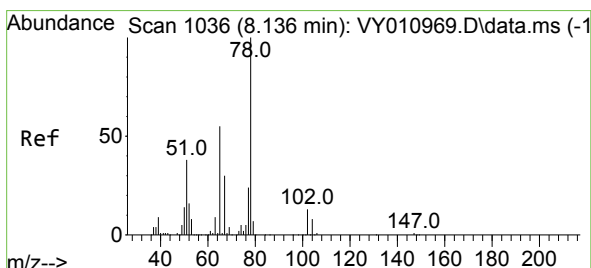
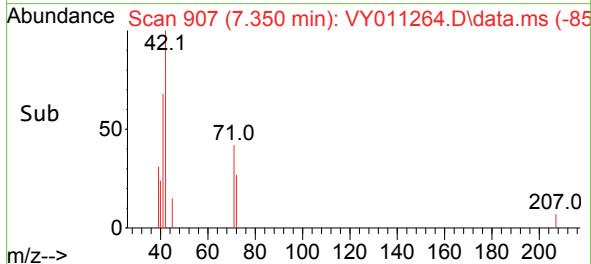
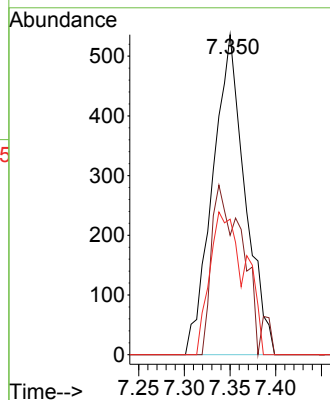
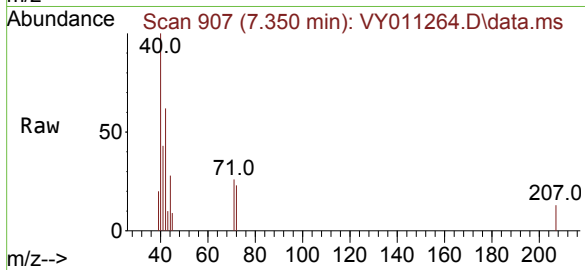
Tgt Ion: 42 Resp: 1323

Ion Ratio Lower Upper

42 100

72 52.4 30.3 45.5#

71 48.5 29.0 43.4#



#33

1,2-Dichloroethane-d4

Concen: 45.107 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011264.D

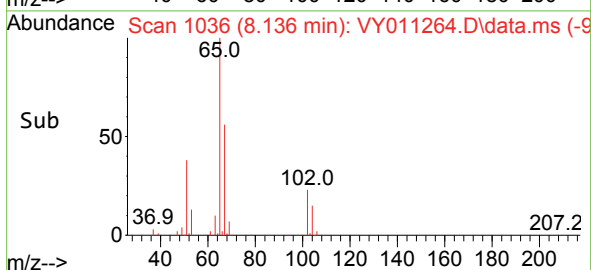
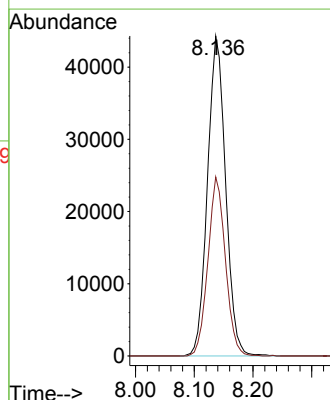
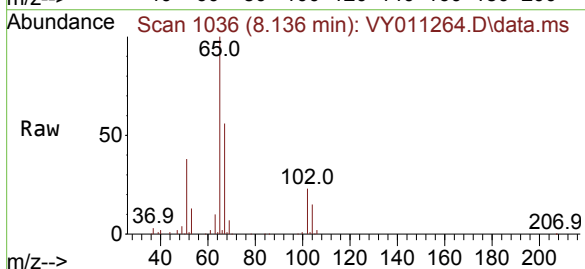
Acq: 02 Nov 2022 15:49

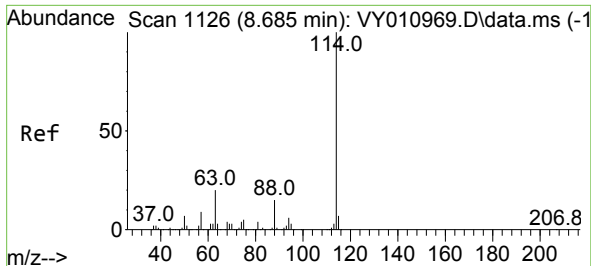
Tgt Ion: 65 Resp: 95026

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4

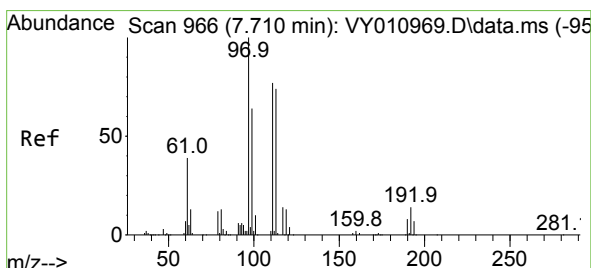
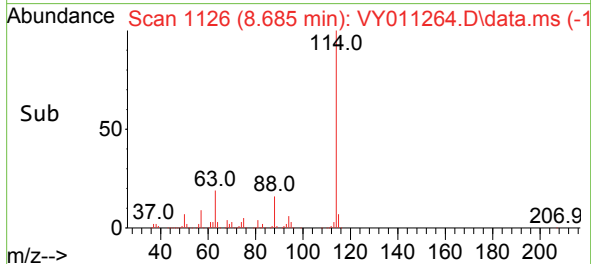
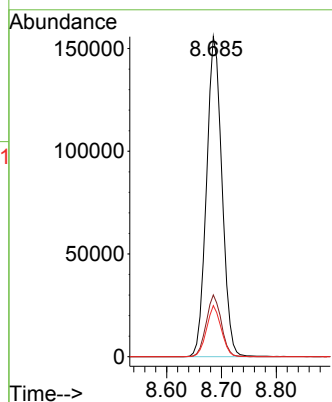
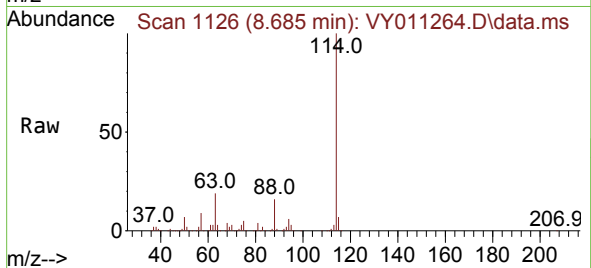




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

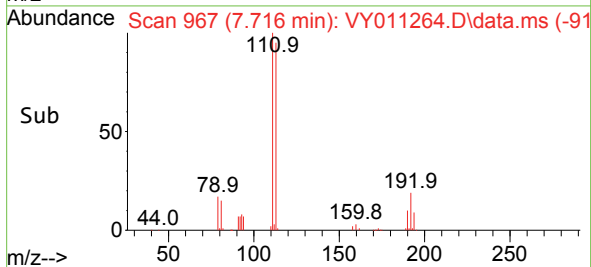
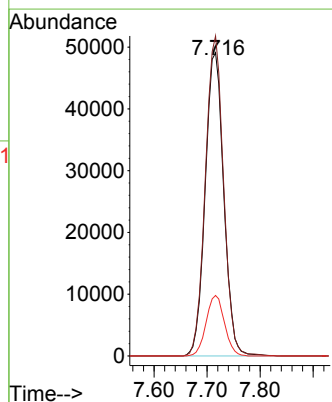
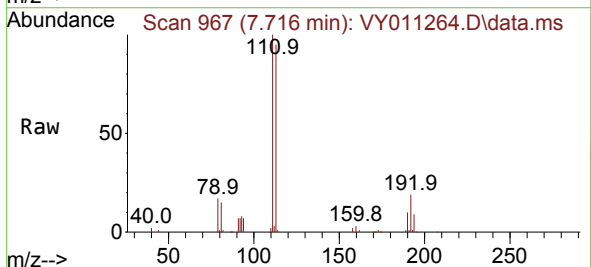
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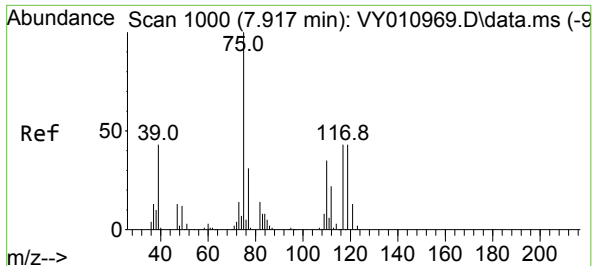
Tgt Ion:114 Resp: 304143
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.965 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion:113 Resp: 119132
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.7 17.6 26.4

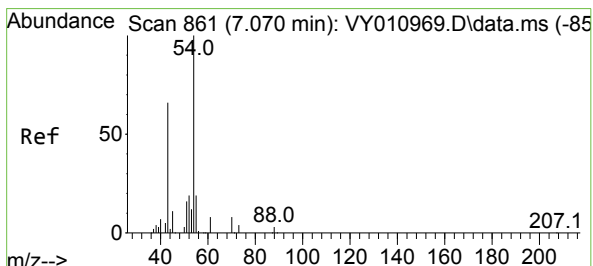
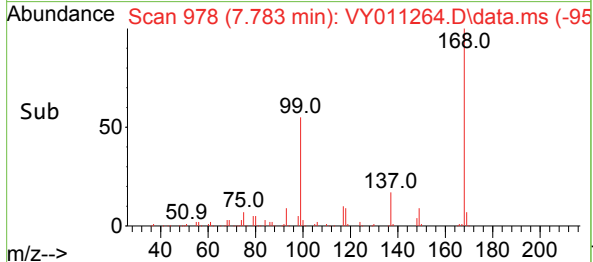
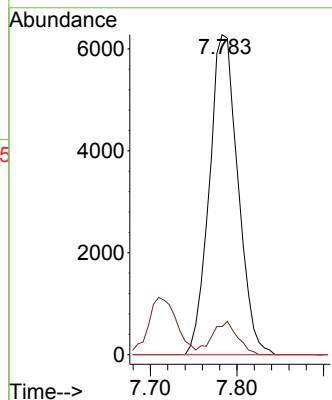
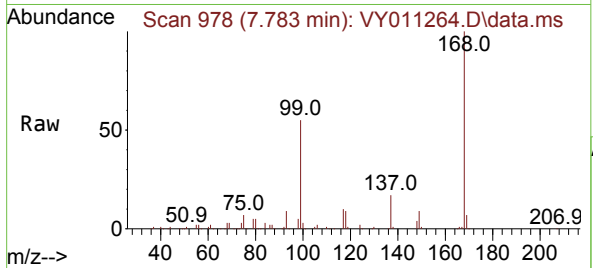




#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

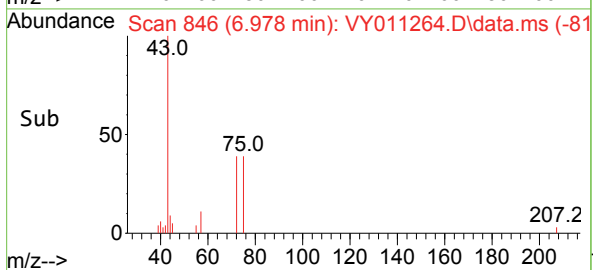
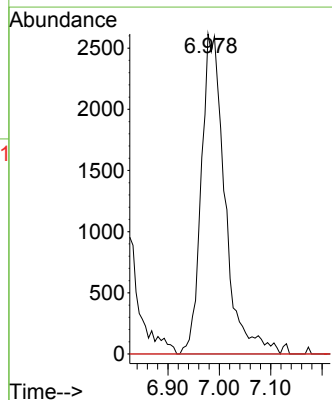
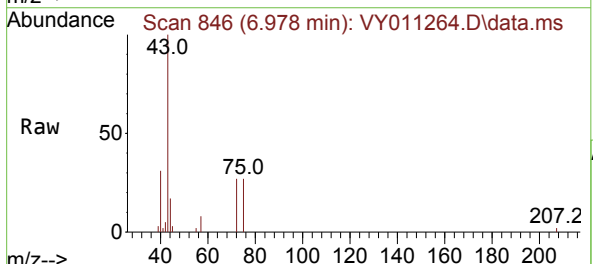
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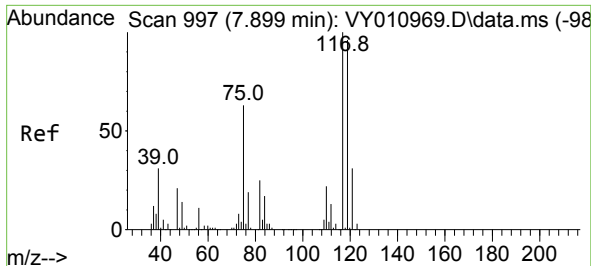
Tgt Ion: 75 Resp: 14422
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.860 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 43 Resp: 8360
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#

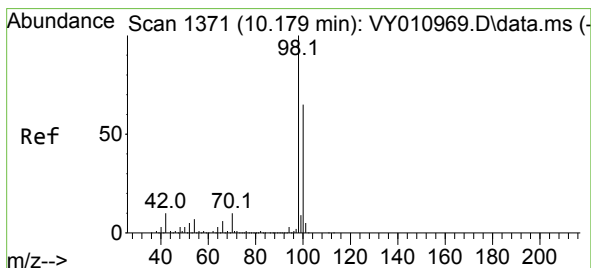
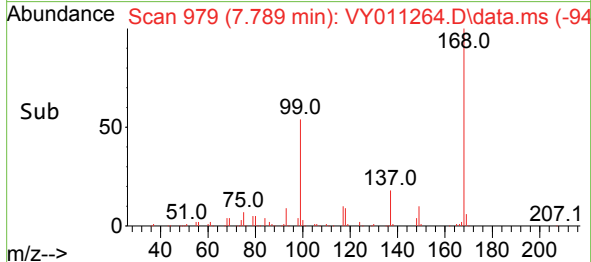
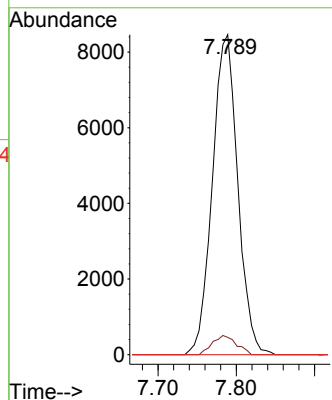
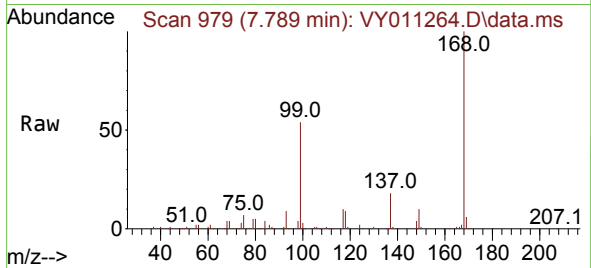




#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

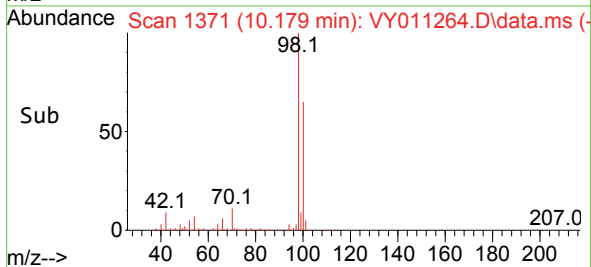
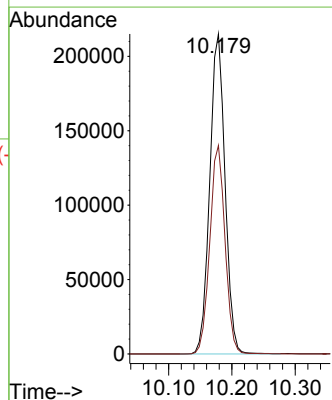
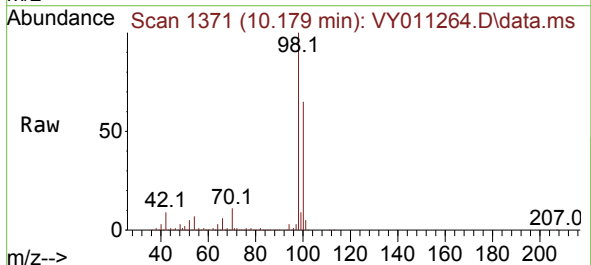
Instrument :
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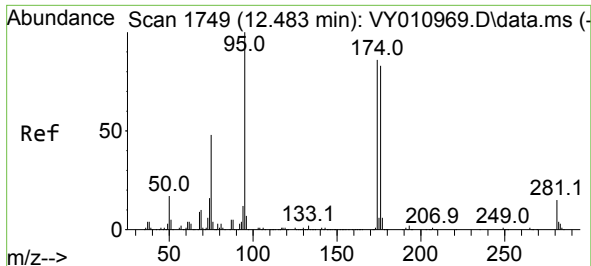
Tgt Ion:117 Resp: 19045
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.602 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 98 Resp: 361155
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

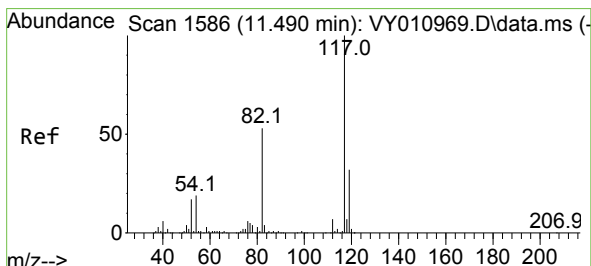
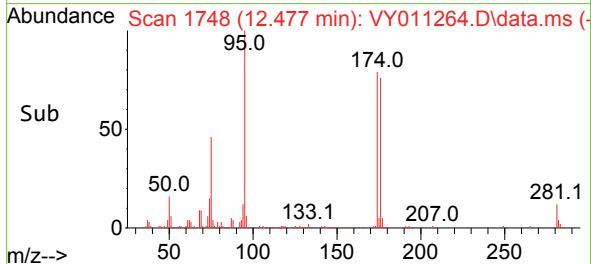
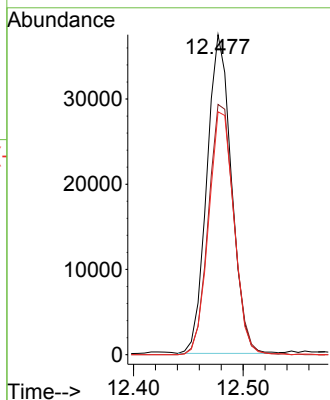
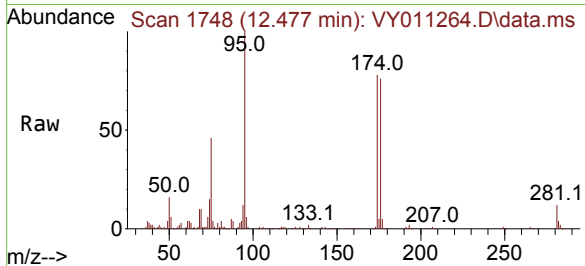




#62
4-Bromofluorobenzene
Concen: 22.147 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

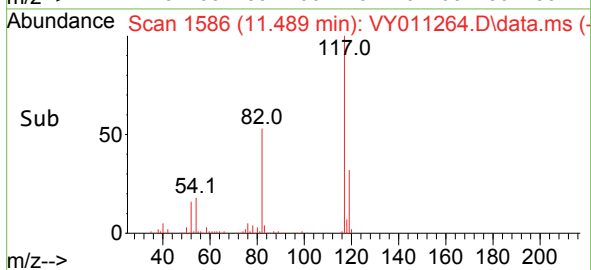
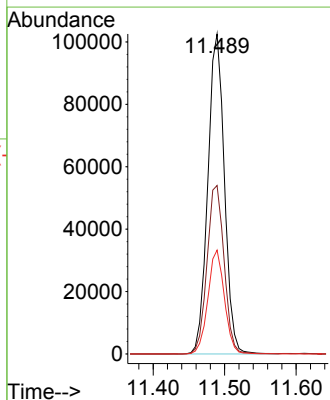
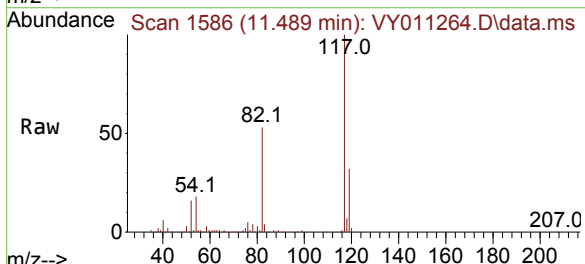
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

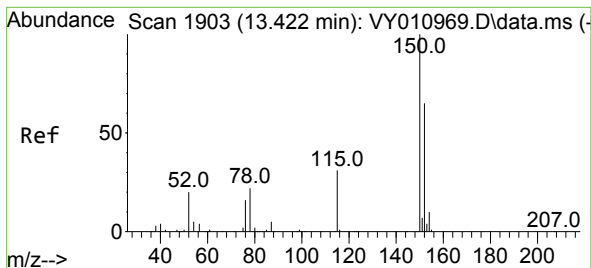
Tgt Ion: 95 Resp: 58332
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 78.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 117 Resp: 165041
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.4 25.4 38.0

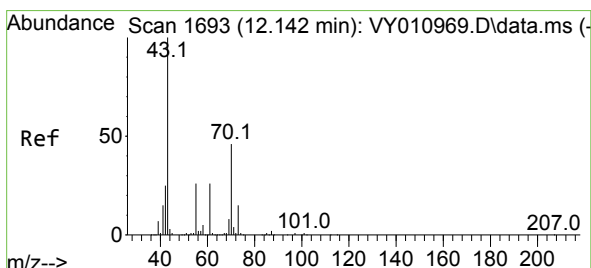
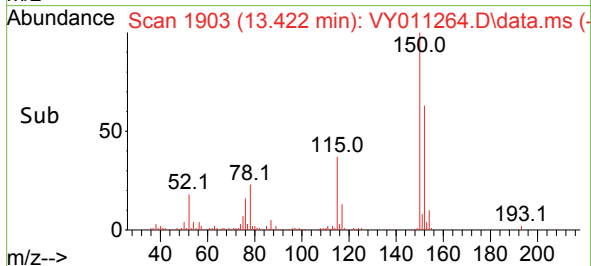
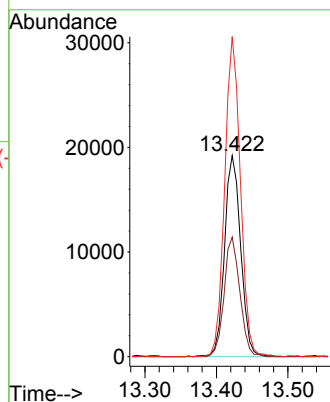
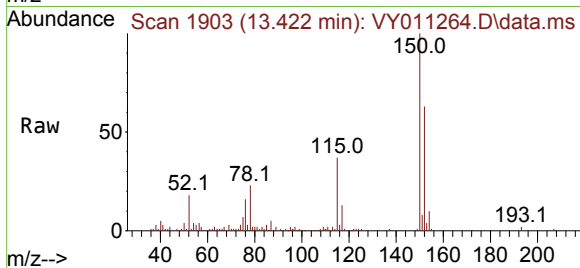




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

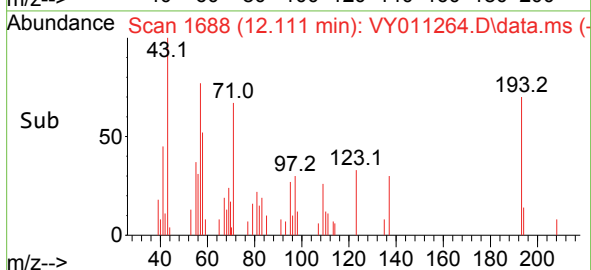
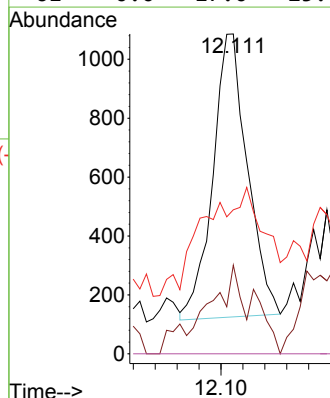
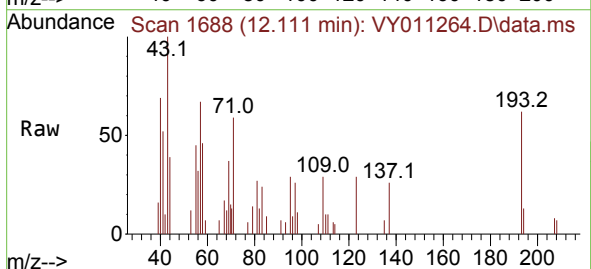
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

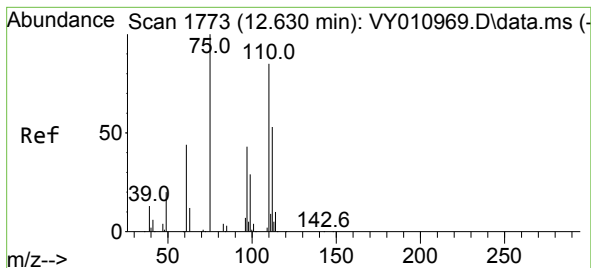
Tgt Ion:152 Resp: 30167
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 154.7 0.0 347.6



#74
N-ethyl acetate
Concen: 3.723 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. -0.031 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 43 Resp: 2108
Ion Ratio Lower Upper
43 100
70 32.6 28.7 43.1
55 32.4 17.3 25.9#
61 0.0 17.0 25.6#

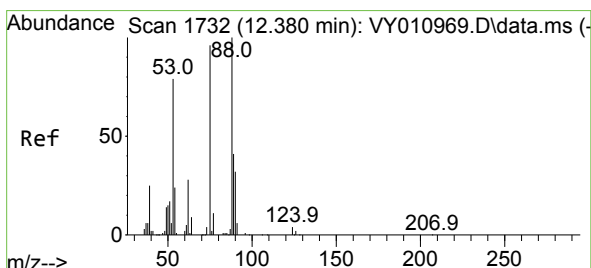
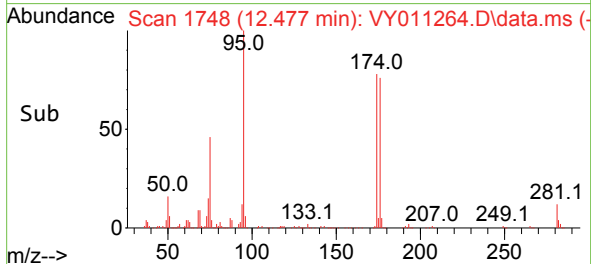
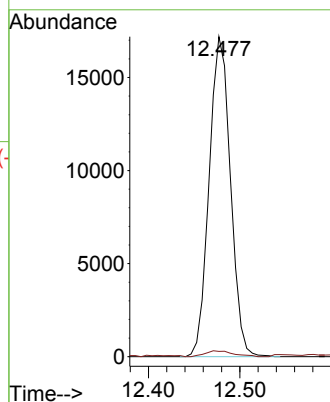
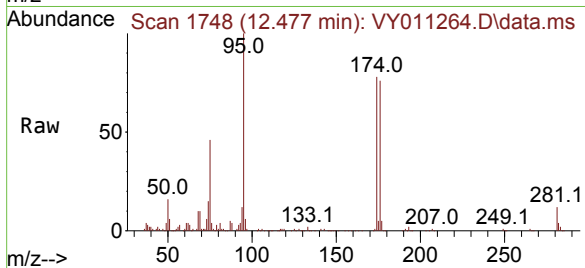




#76
1,2,3-Trichloropropane
Concen: 75.753 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

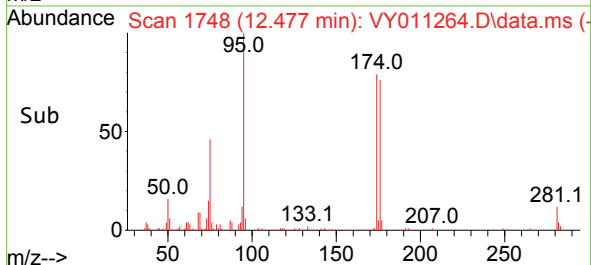
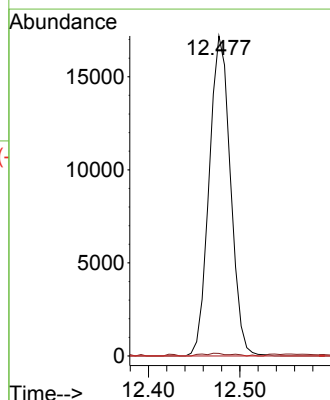
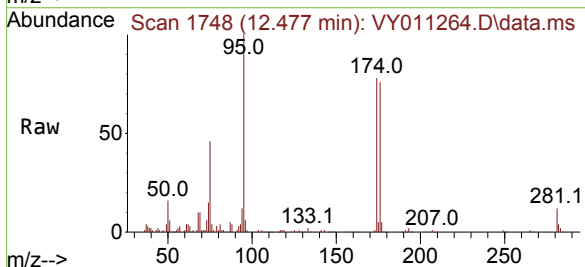
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

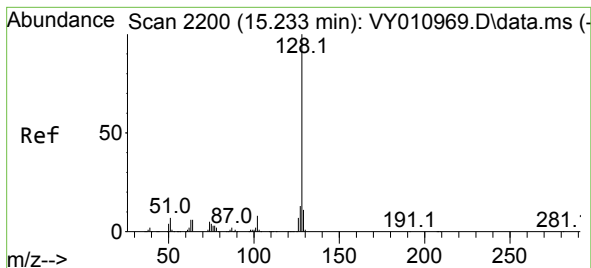
Tgt Ion: 75 Resp: 27821
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 162.122 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011264.D
Acq: 02 Nov 2022 15:49

Tgt Ion: 75 Resp: 27821
Ion Ratio Lower Upper
75 100
53 1.2 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.381 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011264.D

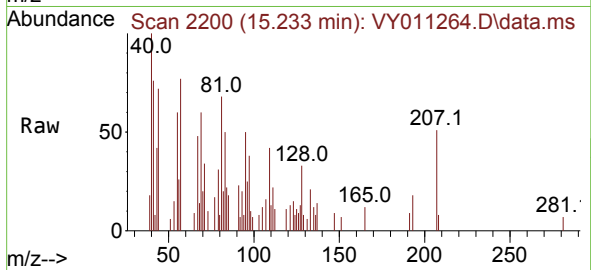
Acq: 02 Nov 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

S-2-103122



Tgt Ion:128 Resp: 601

Ion Ratio Lower Upper

128 100

127 22.1 11.0 16.4#

129 8.2 8.4 12.6#

