

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009687.D
 Acq On : 25 Jul 2022 16:14
 Operator : KP/MD
 Sample : N3855-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072222

Quant Time: Jul 26 05:57:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

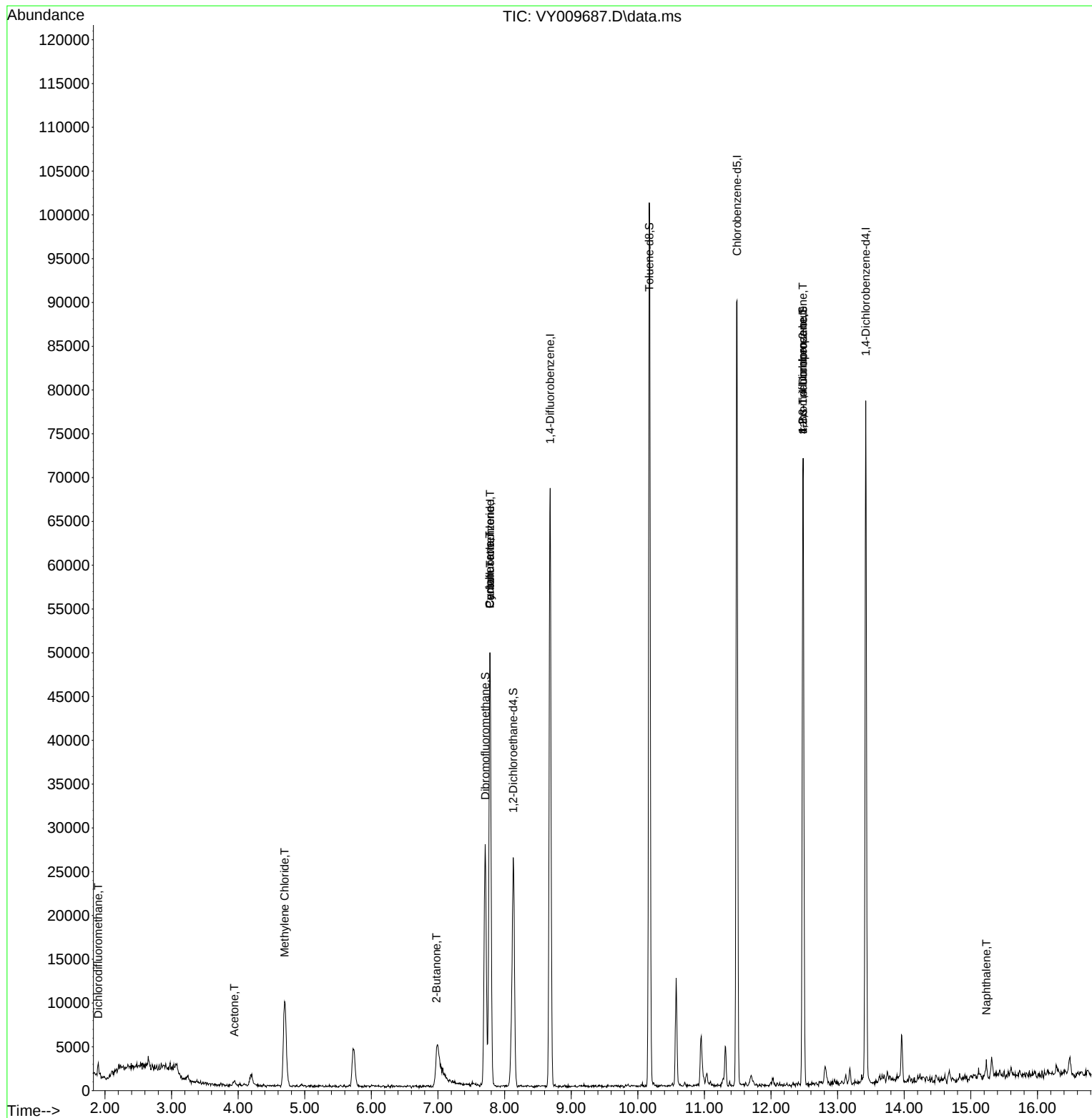
Internal Standards						
1) Pentafluorobenzene	7.783	168	41193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	60113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	52354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17962	46.105	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.220%		
35) Dibromofluoromethane	7.710	113	19552	51.628	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.260%		
50) Toluene-d8	10.173	98	68649	47.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	94.300%		
62) 4-Bromofluorobenzene	12.477	95	18351	38.900	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	77.800%		
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	1082	2.993	ug/l	79
11) Tert butyl alcohol	4.942	59	213	Below Cal	#	77
16) Acetone	3.942	43	915	9.284	ug/l	100
20) Methylene Chloride	4.698	84	7696	7.071	ug/l	# 81
25) 2-Butanone	6.978	43	384	2.671	ug/l	# 54
31) Cyclohexane	7.777	56	835	1.216	ug/l	# 32
38) Carbon Tetrachloride	7.783	117	3653	6.236	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	9404	47.351	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	9404	93.367	ug/l	# 7
95) Naphthalene	15.233	128	1588	2.113	ug/l	# 80

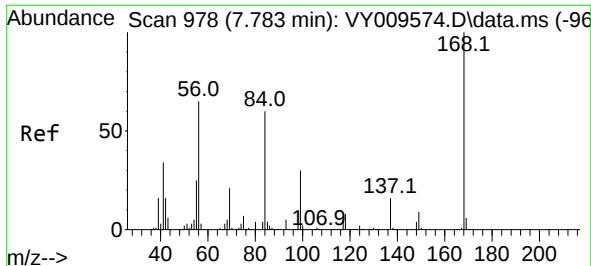
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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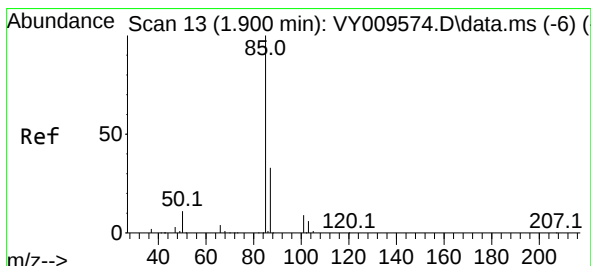
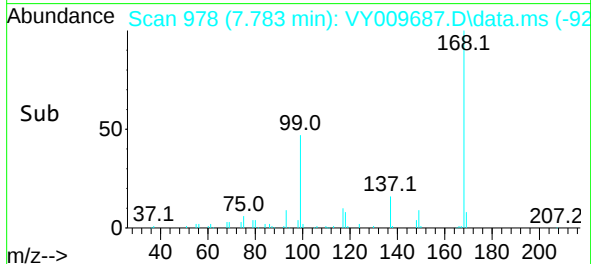
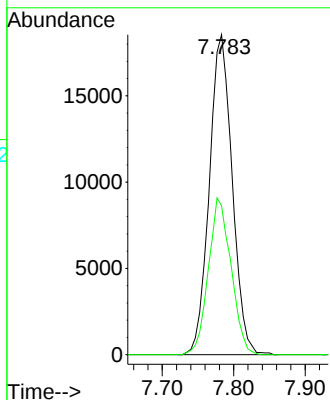
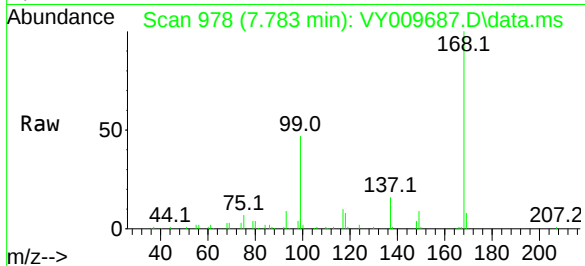




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

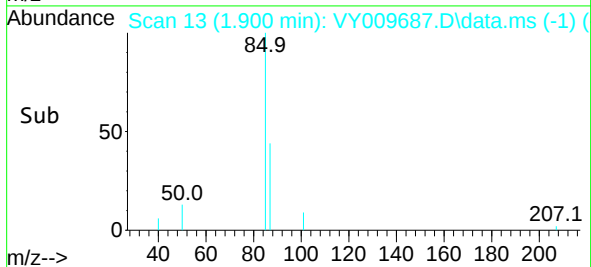
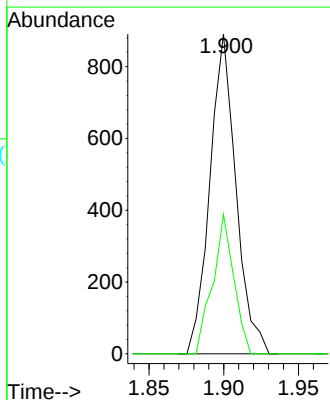
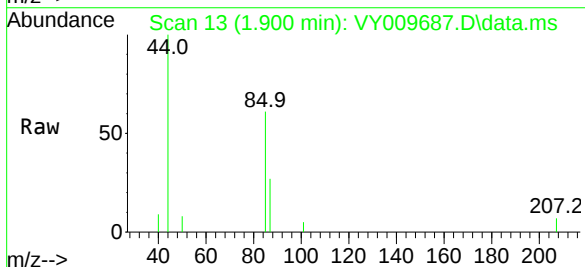
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

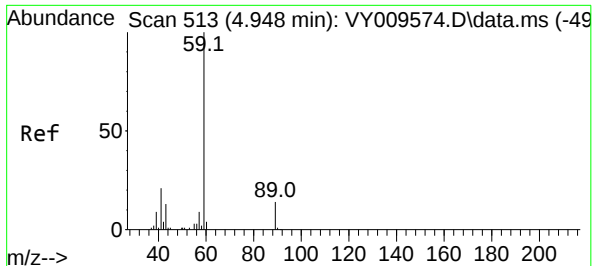
Tgt Ion:168 Resp: 41193
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 2.993 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion: 85 Resp: 1082
Ion Ratio Lower Upper
85 100
87 43.7 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY009687.D

Acq: 25 Jul 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

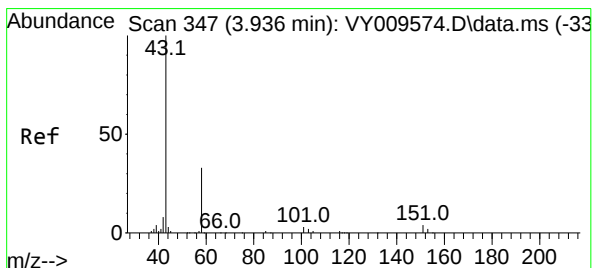
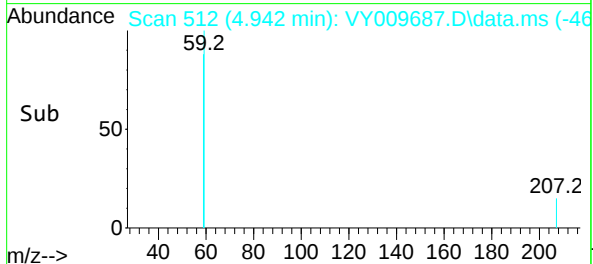
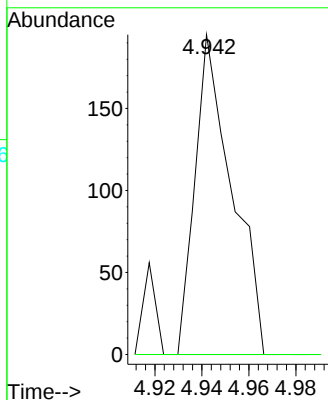
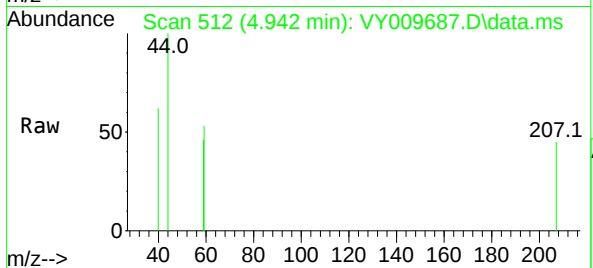
EO-01-072222

Tgt Ion: 59 Resp: 213

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 9.284 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009687.D

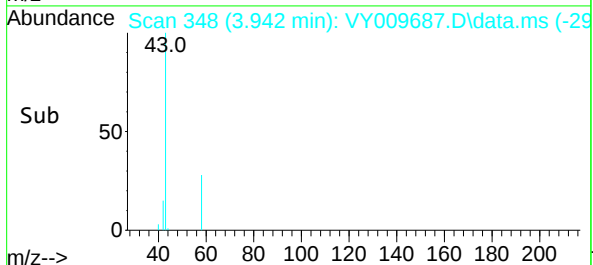
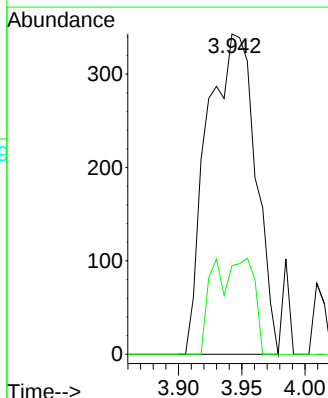
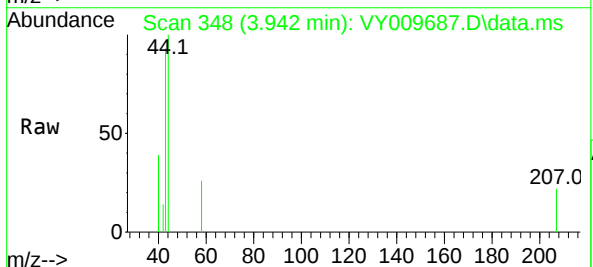
Acq: 25 Jul 2022 16:14

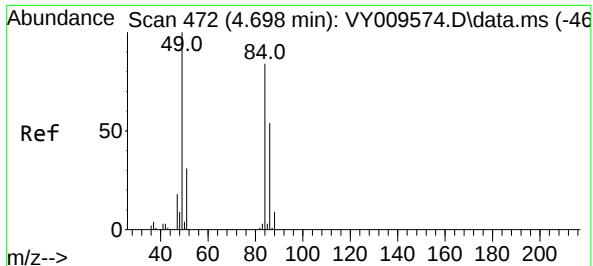
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

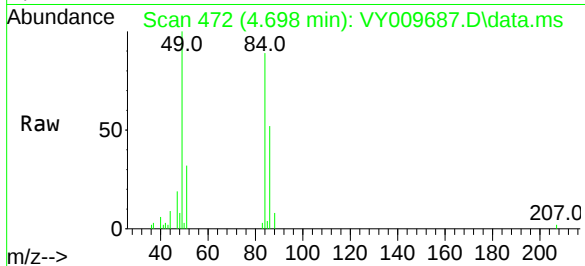
58 27.7 22.0 33.0



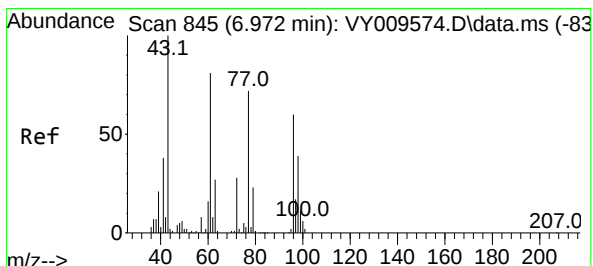
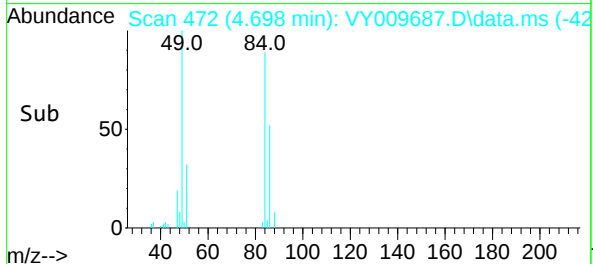
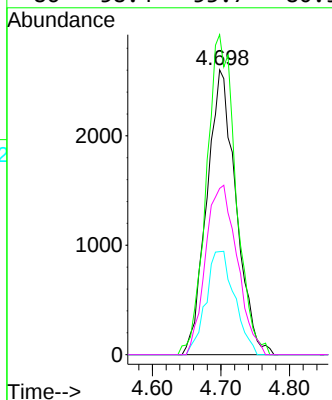


#20
Methylene Chloride
Concen: 7.071 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

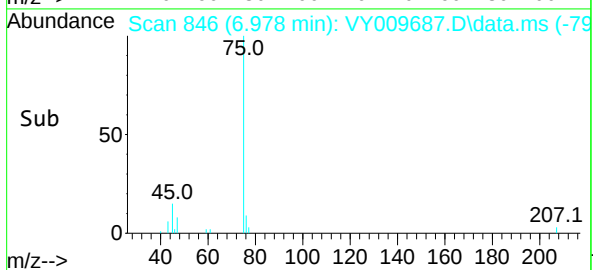
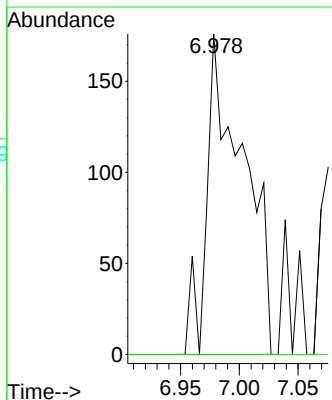
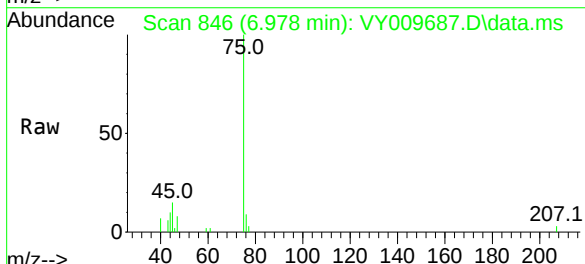


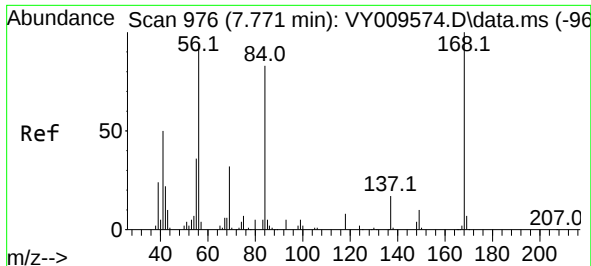
Tgt Ion:	84	Resp:	7696
Ion	Ratio	Lower	Upper
84	100		
49	112.4	114.4	171.6#
51	36.2	35.3	52.9
86	58.4	53.7	80.5



#25
2-Butanone
Concen: 2.671 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

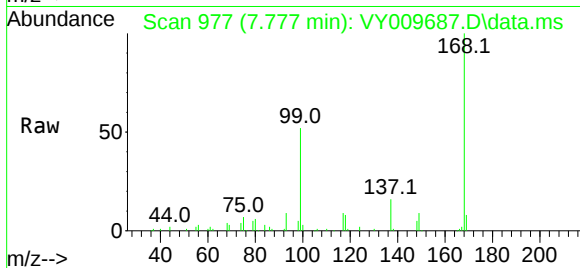
Tgt Ion:	43	Resp:	384
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



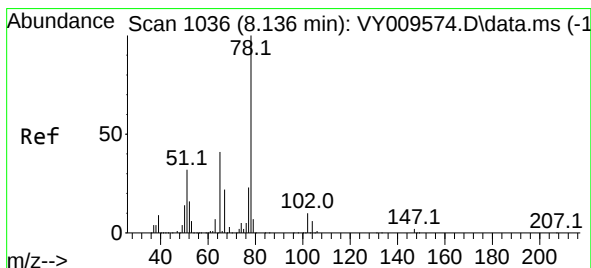
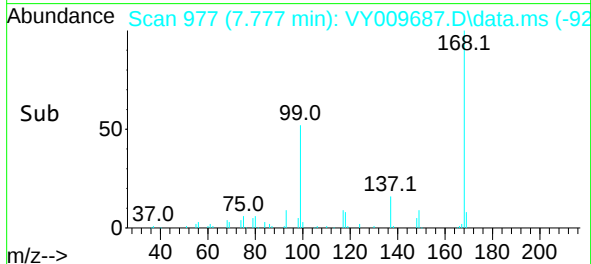
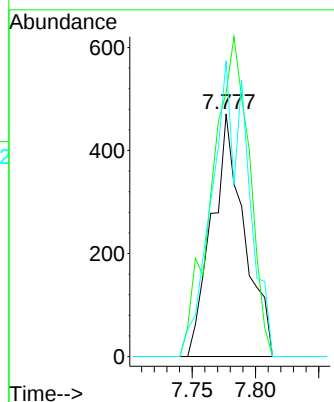


#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

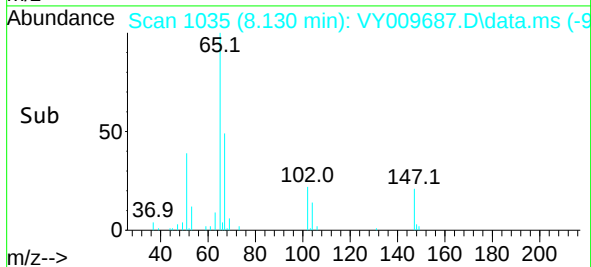
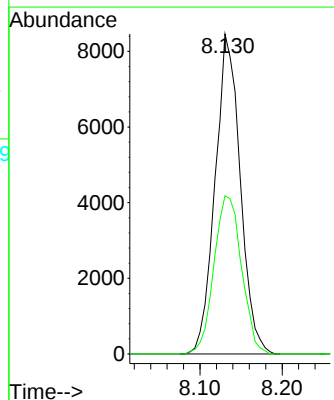
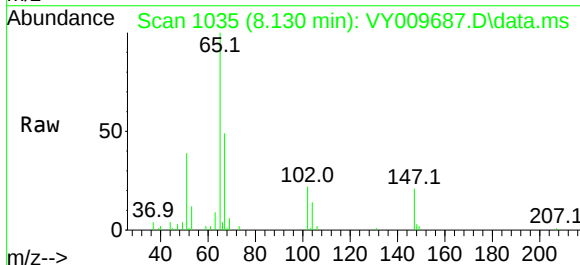


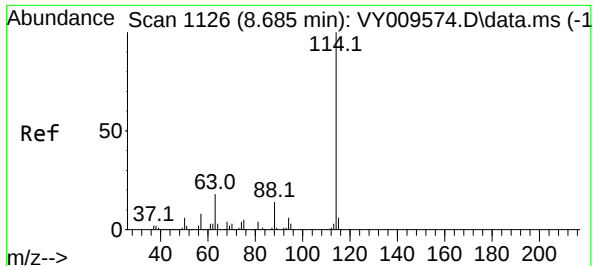
Tgt Ion: 56 Resp: 835
Ion Ratio Lower Upper
56 100
69 108.7 26.7 40.1#
84 121.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.105 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion: 65 Resp: 17962
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: VY009687.D

Acq: 25 Jul 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-072222

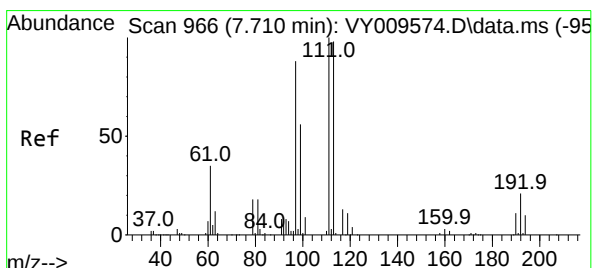
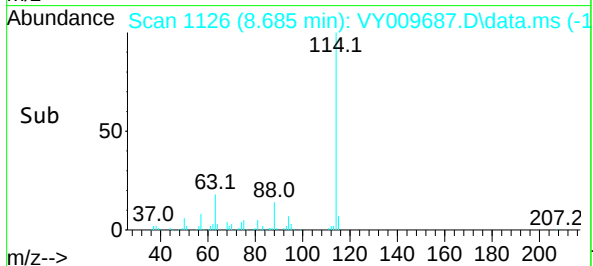
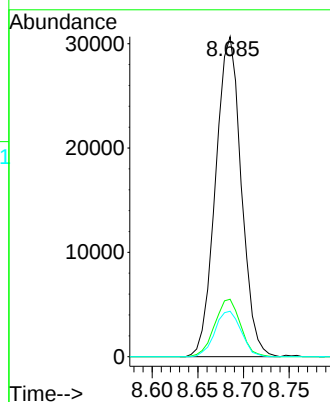
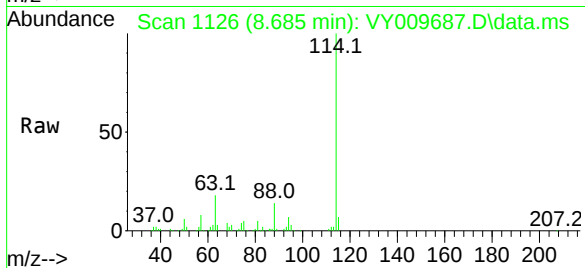
Tgt Ion:114 Resp: 60113

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.628 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009687.D

Acq: 25 Jul 2022 16:14

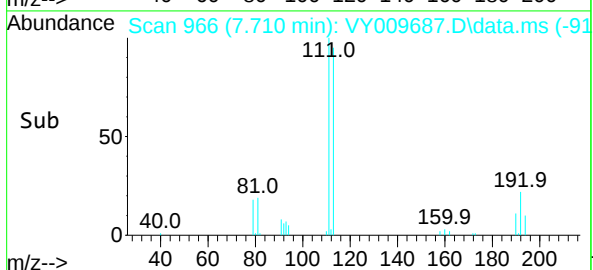
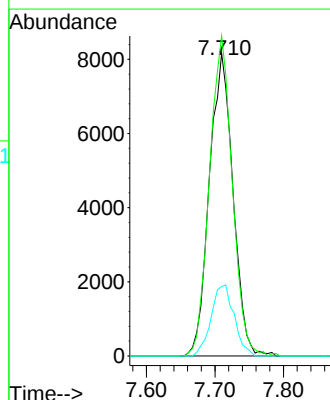
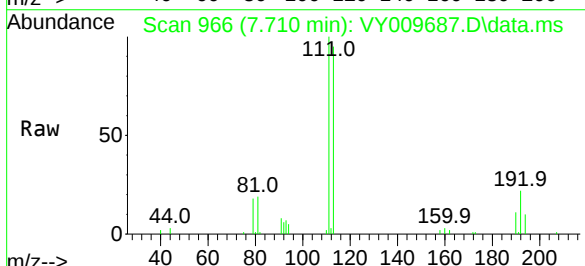
Tgt Ion:113 Resp: 19552

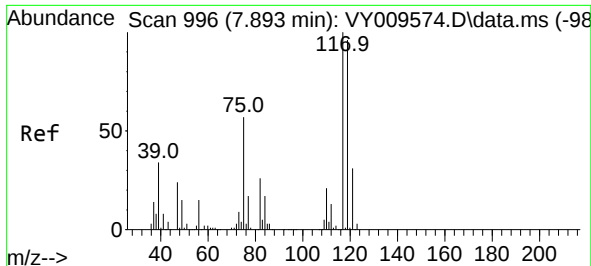
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 22.8 17.6 26.4

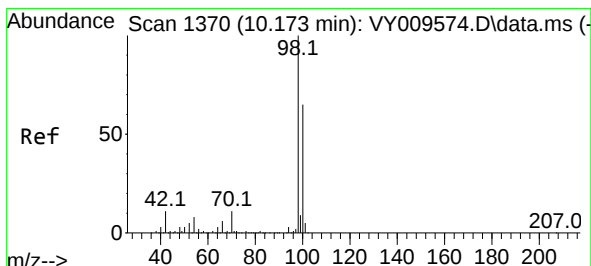
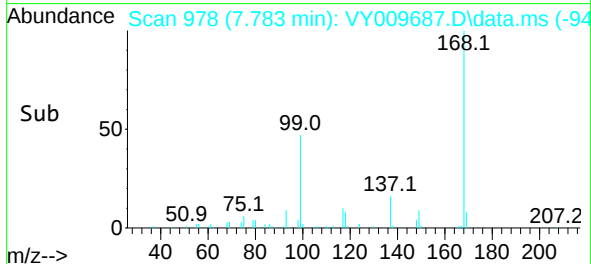
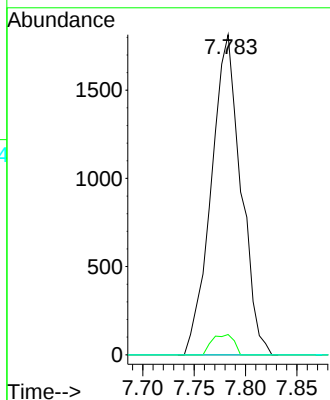
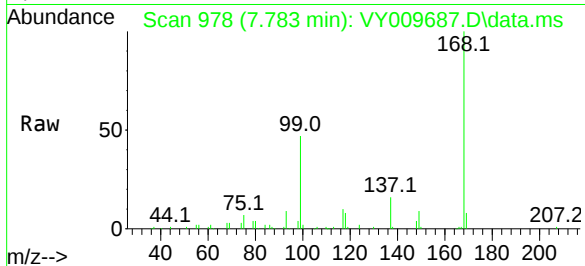




#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

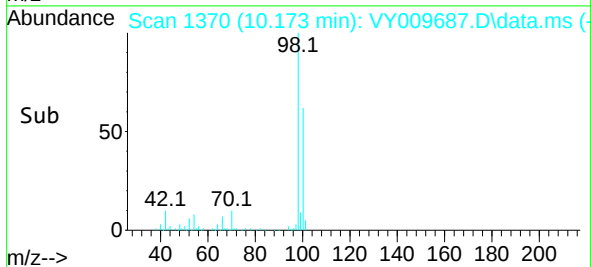
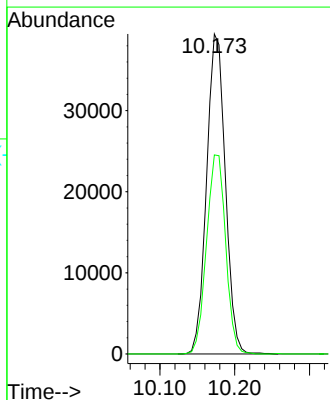
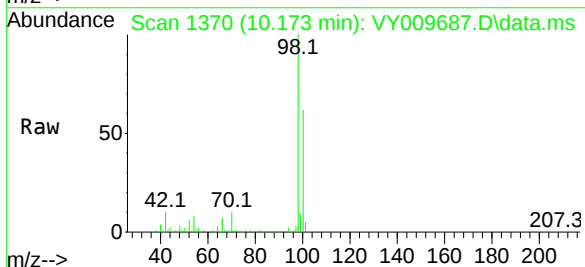
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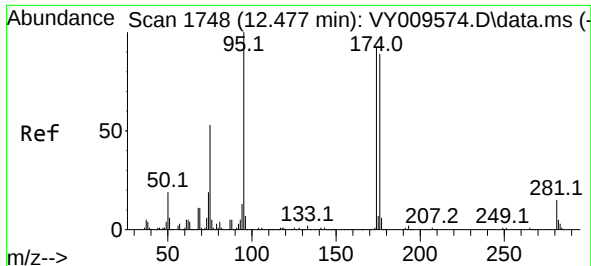
Tgt Ion:117 Resp: 3653
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.153 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion: 98 Resp: 68649
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

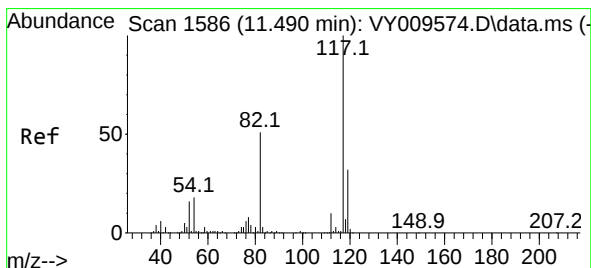
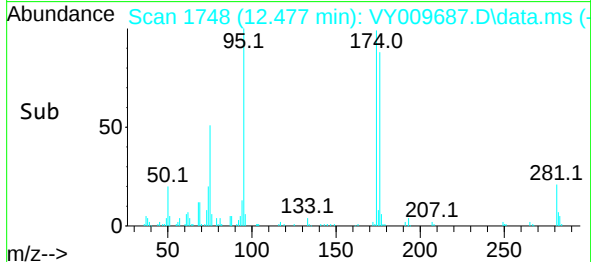
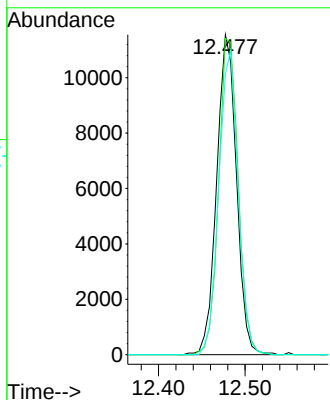
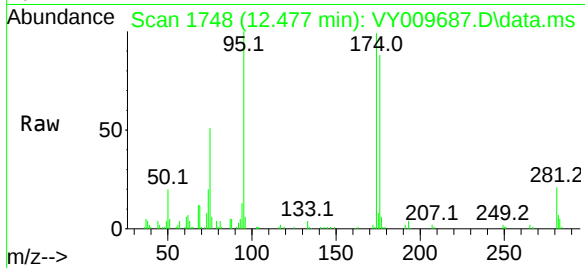




#62
4-Bromofluorobenzene
Concen: 38.900 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

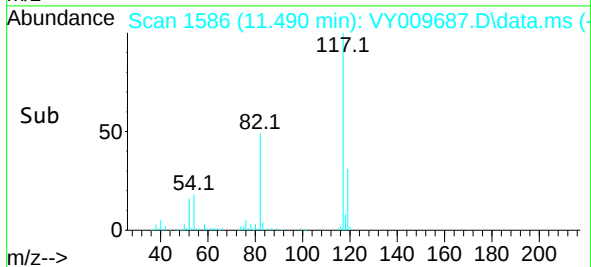
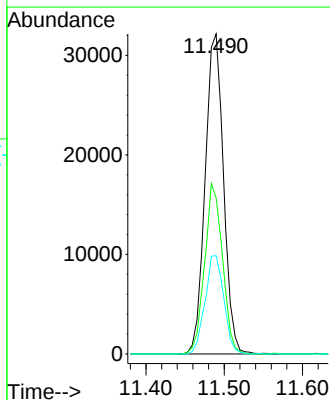
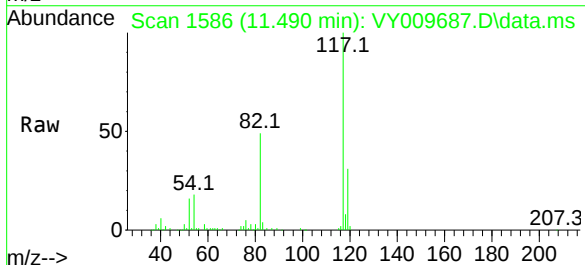
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

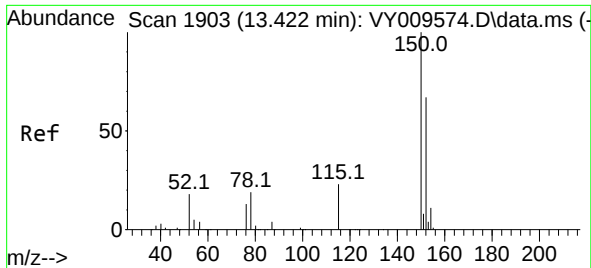
Tgt Ion: 95 Resp: 18351
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 93.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion: 117 Resp: 52354
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 30.7 25.4 38.0

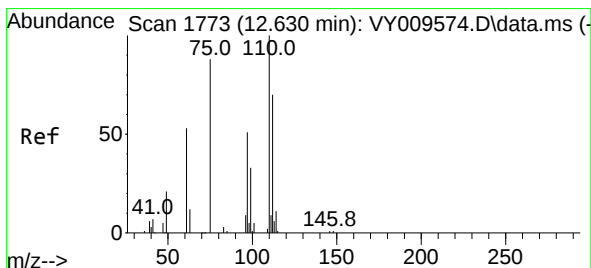
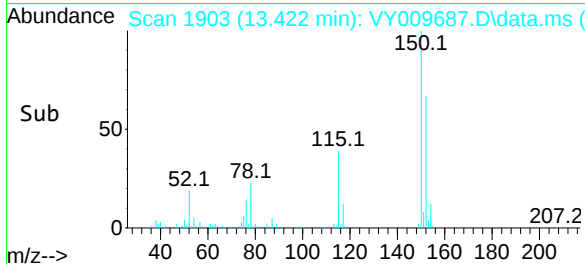
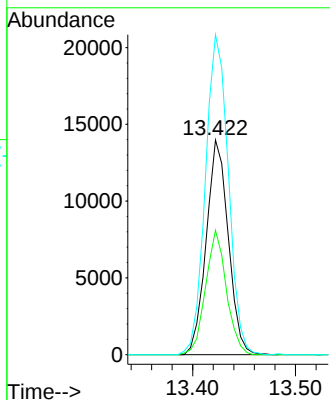
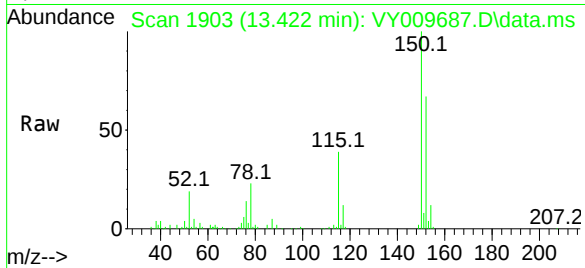




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

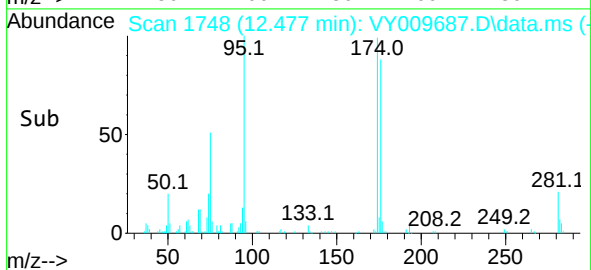
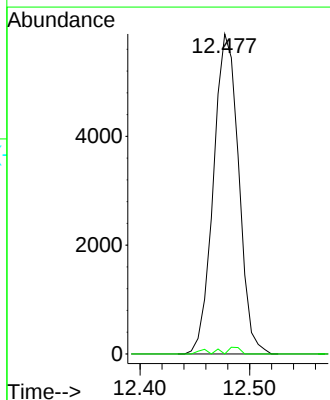
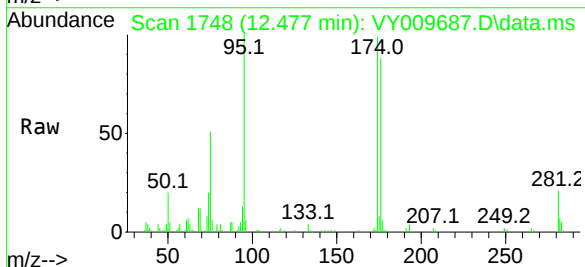
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

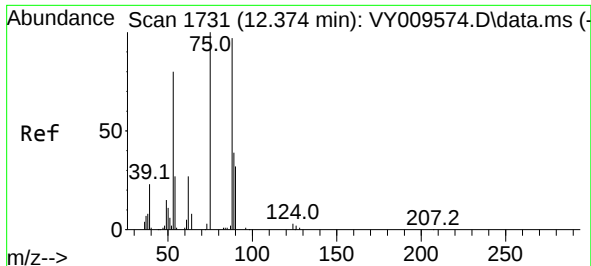
Tgt Ion:152 Resp: 20848
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 154.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.351 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion: 75 Resp: 9404
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

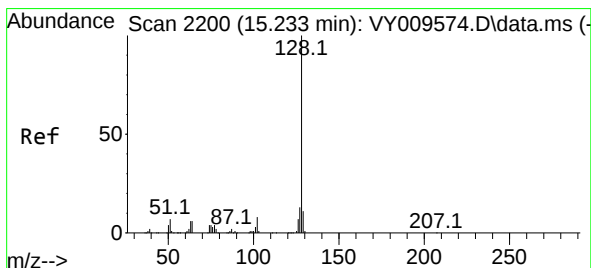
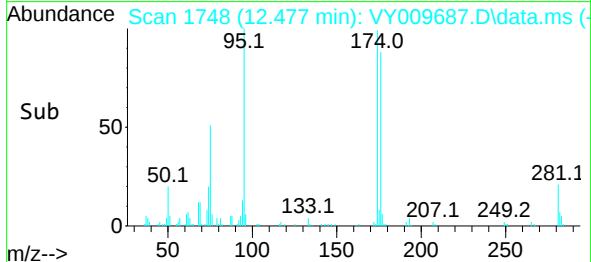
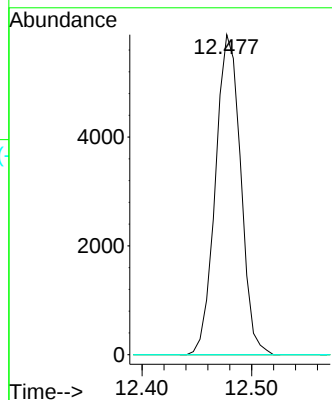
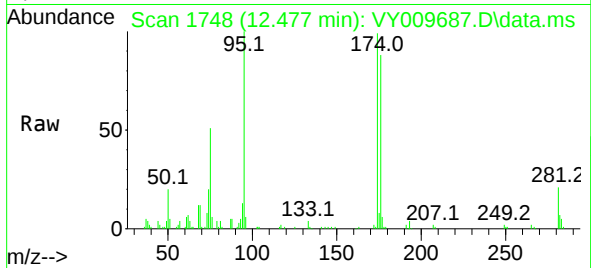




#81
trans-1,4-Dichloro-2-butene
Concen: 93.367 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

Tgt Ion: 75 Resp: 9404
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.113 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion:128 Resp: 1588
Ion Ratio Lower Upper
128 100
127 6.0 11.0 16.4#
129 18.0 8.4 12.6#

