

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006586.D
 Acq On : 02 Nov 2021 18:59
 Operator : SY/MD
 Sample : M4439-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-110221

Quant Time: Nov 03 02:02:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	14257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	19830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	13176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6699	38.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.360%
35) Dibromofluoromethane	7.728	113	2421	21.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.800%#
50) Toluene-d8	10.185	98	23447	50.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.483	95	4665	29.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.120%

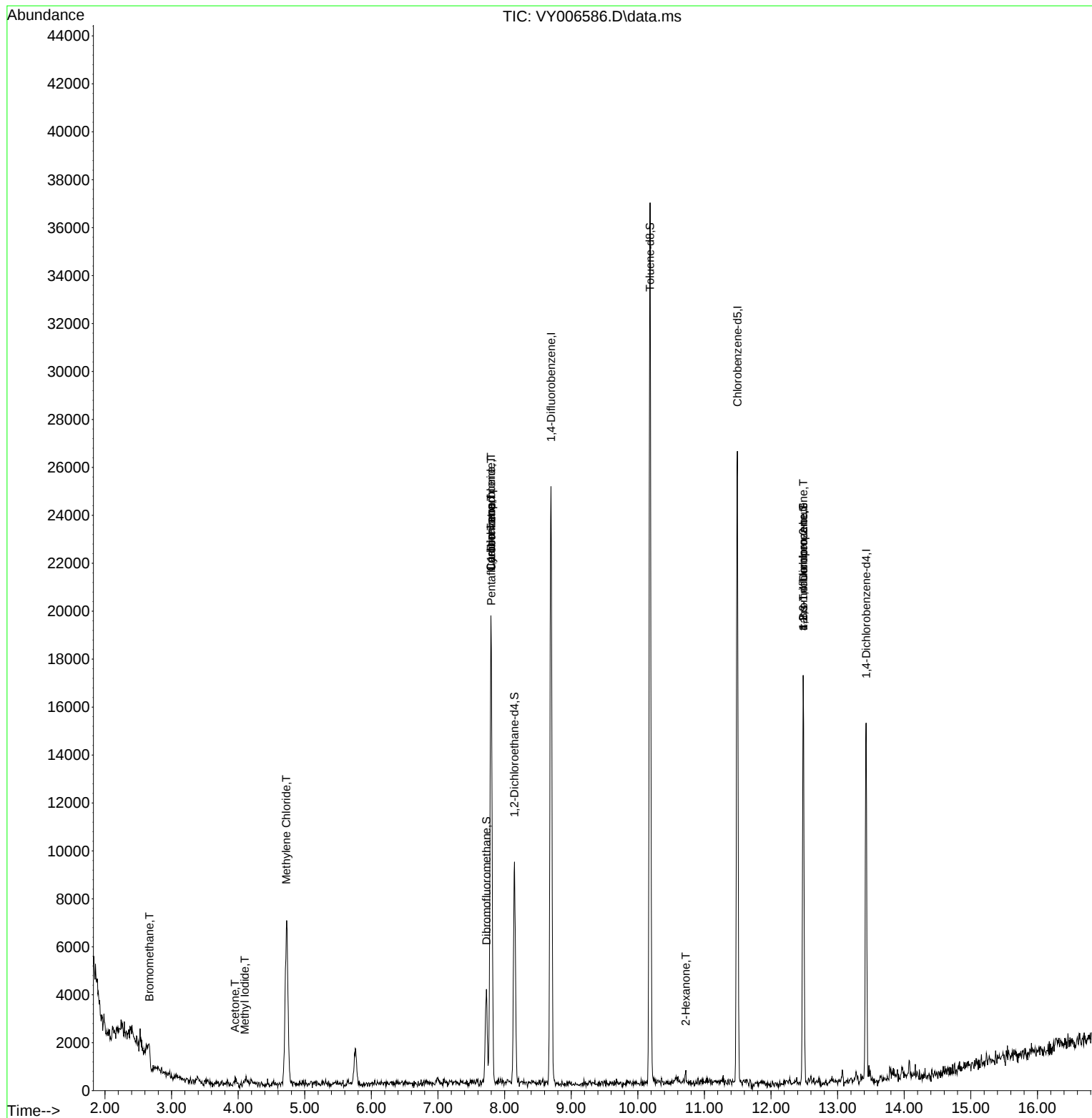
Target Compounds					Qvalue	
5) Bromomethane	2.668	94	154	1.164	ug/l	97
10) Methyl Iodide	4.100	142	207	6.385	ug/l #	50
16) Acetone	3.954	43	435	8.611	ug/l #	46
20) Methylene Chloride	4.722	84	4545	27.140	ug/l	95
31) Cyclohexane	7.795	56	393	1.384	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	1312	6.696	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1392	6.440	ug/l #	23
59) 2-Hexanone	10.721	43	219	2.400	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	2523	57.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2523	117.358	ug/l #	7

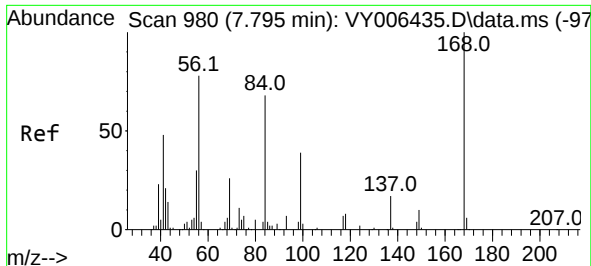
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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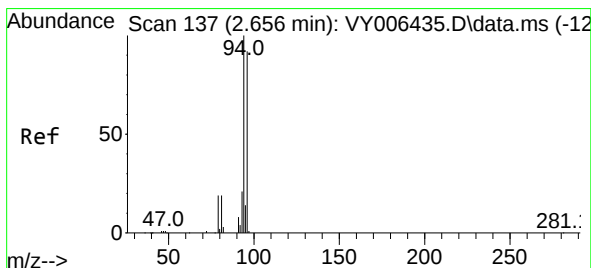
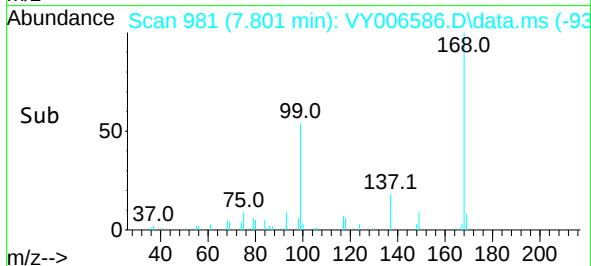
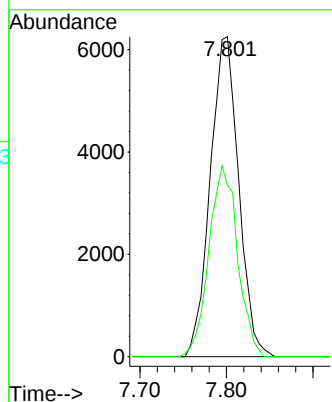
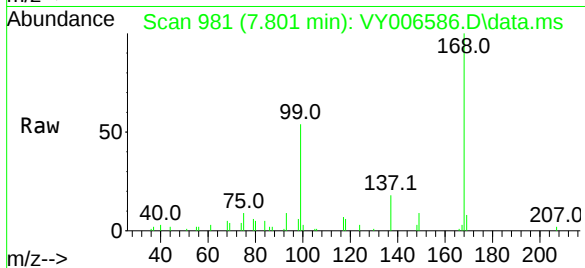




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

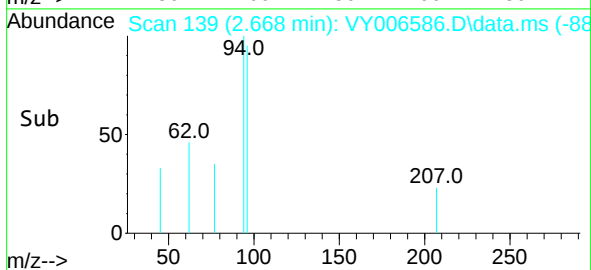
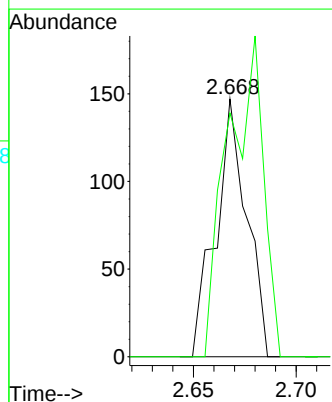
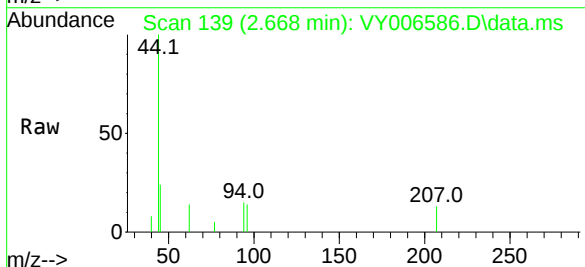
Instrument :
MSVOA_Y
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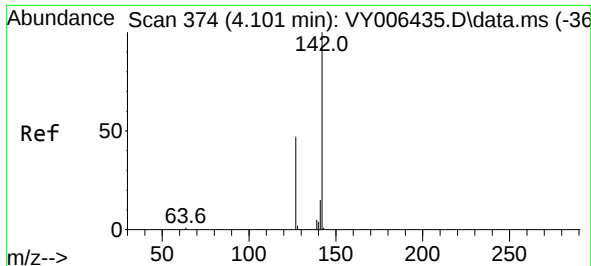
Tgt Ion:168 Resp: 14257
Ion Ratio Lower Upper
168 100
99 53.6 44.8 67.2



#5
Bromomethane
Concen: 1.164 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 94.6 73.5 110.3

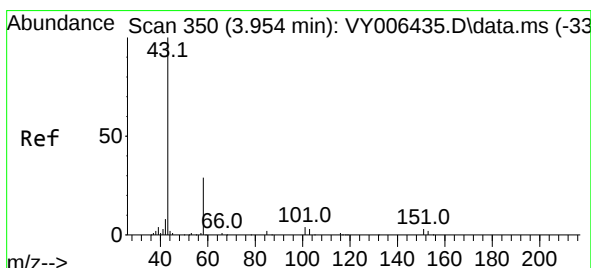
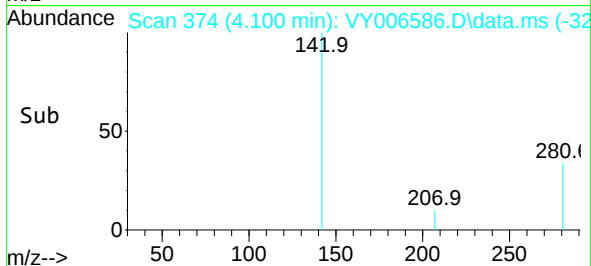
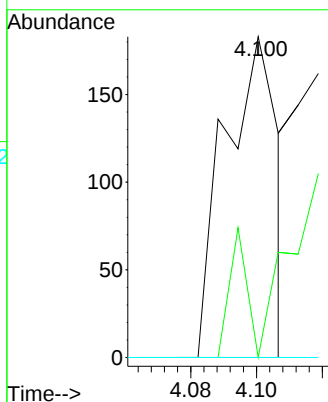
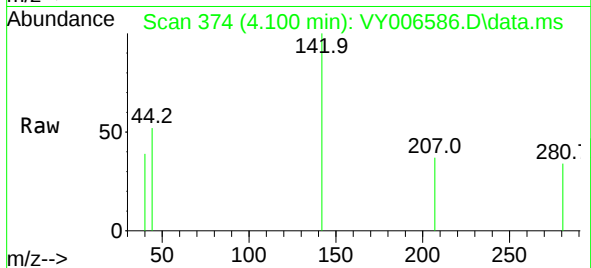




#10
Methyl Iodide
Concen: 6.385 ug/l
RT: 4.100 min Scan# 31
Delta R.T. -0.001 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

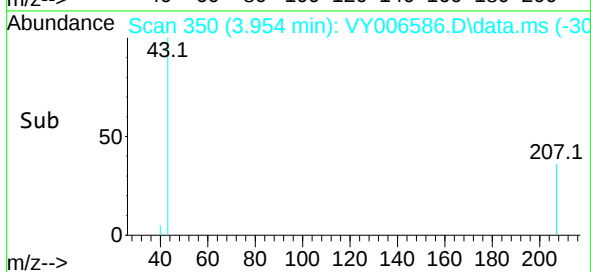
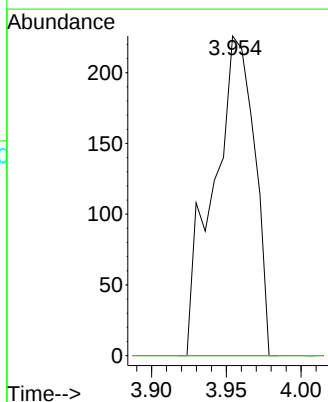
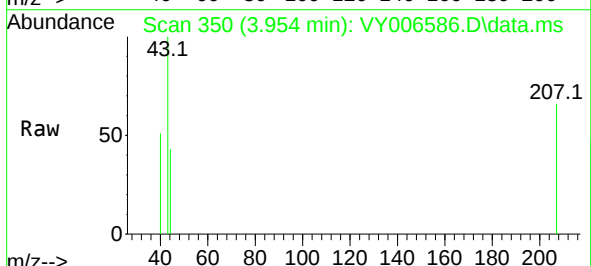
Instrument :
MSVOA_Y
ClientSampleId :
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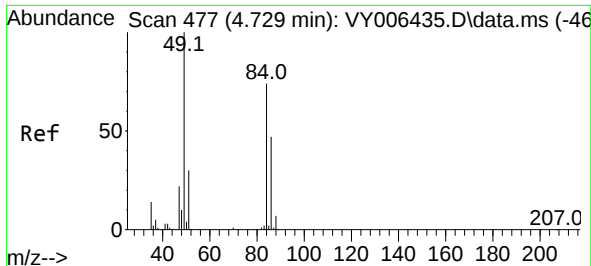
Tgt Ion:142 Resp: 207
Ion Ratio Lower Upper
142 100
127 13.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 8.611 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#

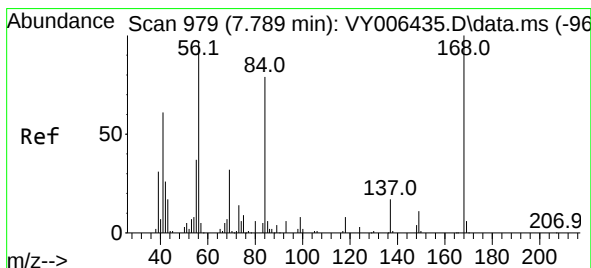
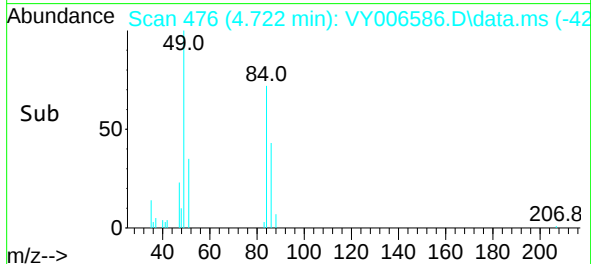
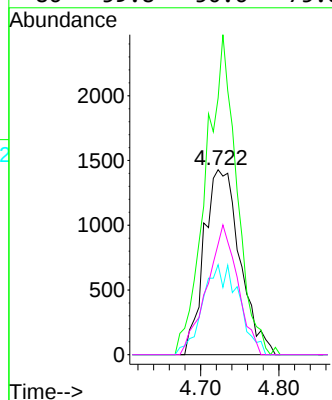
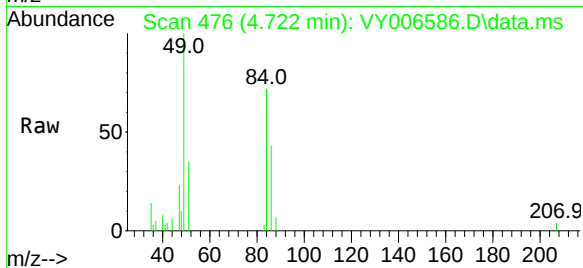




#20
Methylene Chloride
Concen: 27.140 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

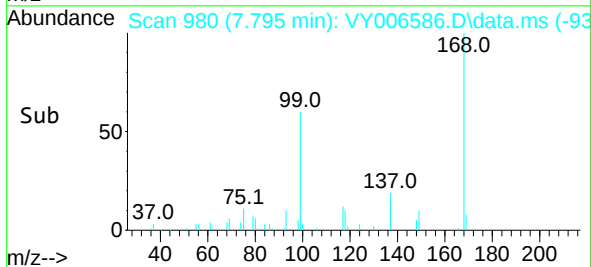
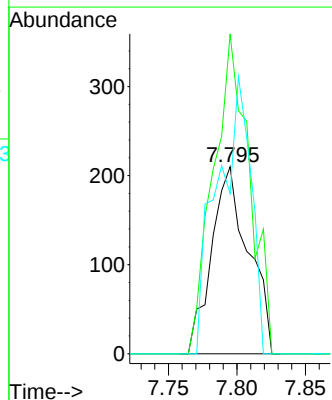
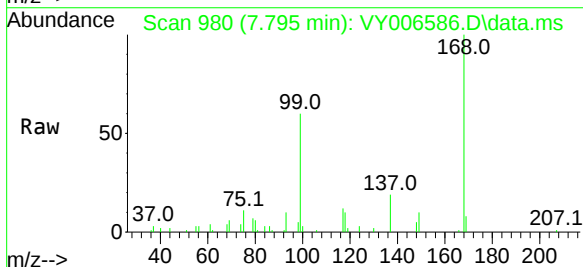
Instrument :
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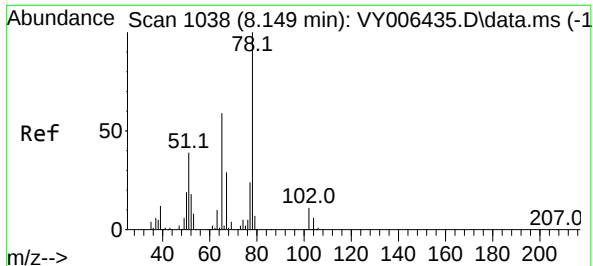
Tgt Ion:	84	Resp:	4545
Ion	Ratio	Lower	Upper
84	100		
49	138.8	107.8	161.8
51	48.6	32.8	49.2
86	59.8	50.6	75.8



#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion:	56	Resp:	393
Ion	Ratio	Lower	Upper
56	100		
69	171.0	26.6	40.0#
84	85.7	65.0	97.4

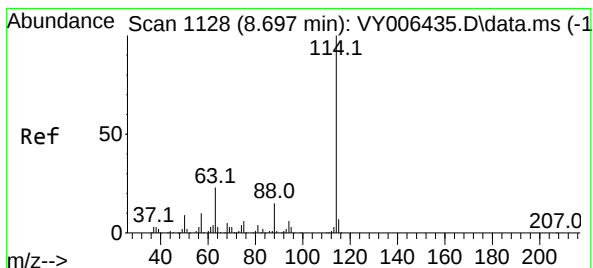
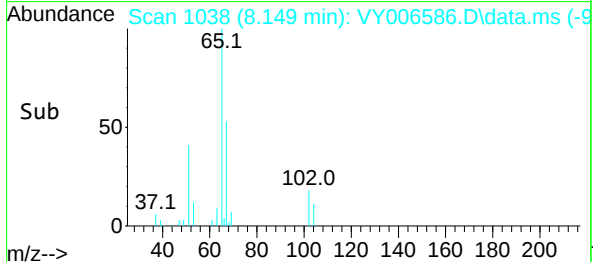
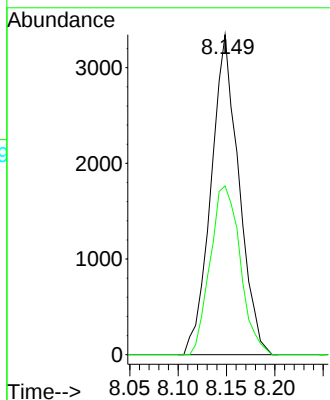
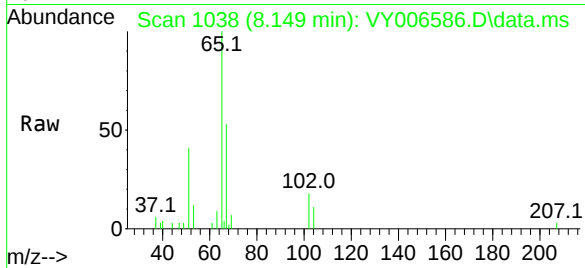




#33
 1,2-Dichloroethane-d4
 Concen: 38.184 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006586.D
 Acq: 02 Nov 2021 18:59

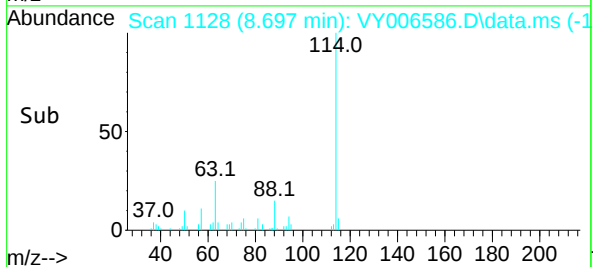
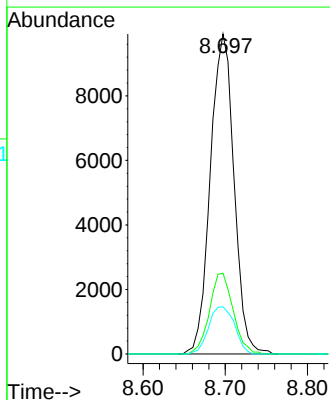
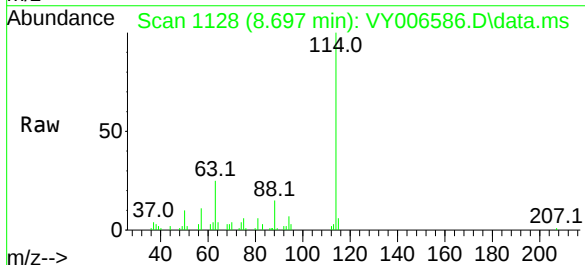
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-110221

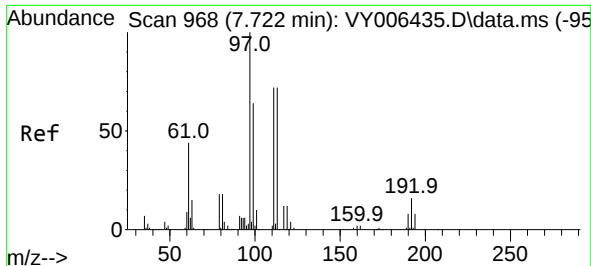
Tgt Ion: 65 Resp: 6699
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006586.D
 Acq: 02 Nov 2021 18:59

Tgt Ion: 114 Resp: 19830
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 45.0
 88 14.7 0.0 30.6

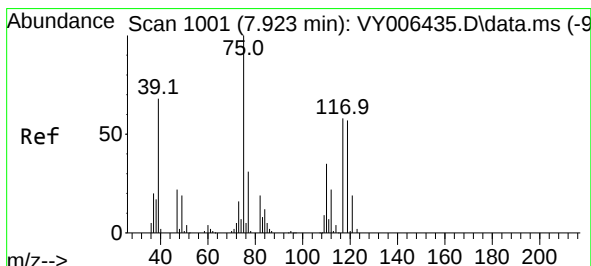
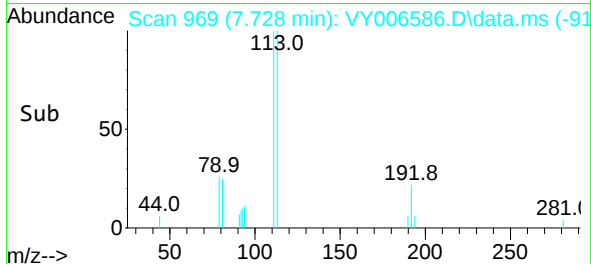
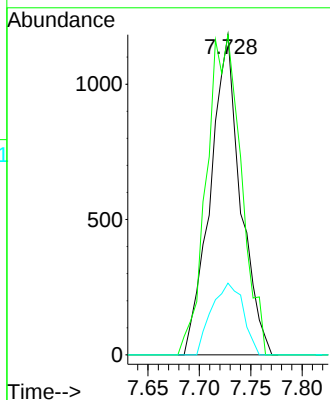
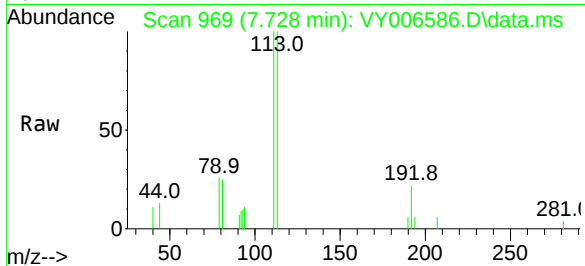




#35
Dibromofluoromethane
Concen: 21.904 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

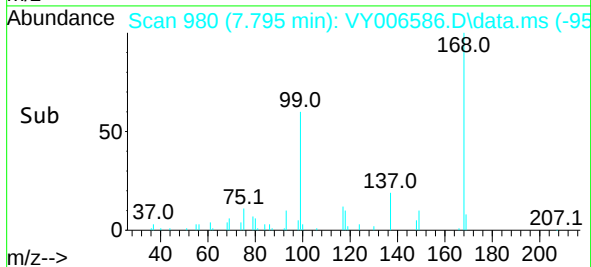
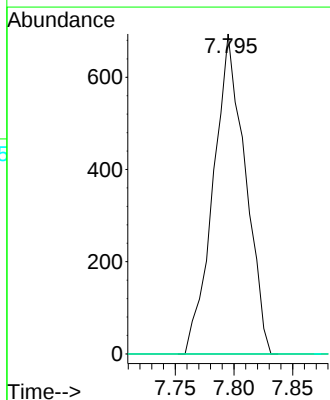
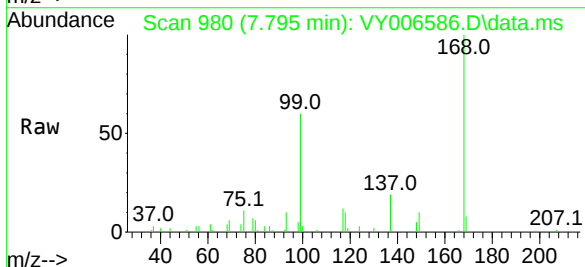
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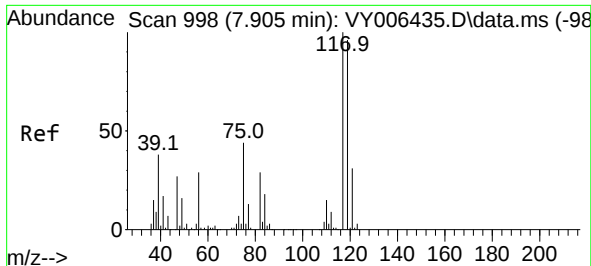
Tgt Ion:113 Resp: 2421
Ion Ratio Lower Upper
113 100
111 114.5 82.3 123.5
192 23.3 17.4 26.2



#36
1,1-Dichloropropene
Concen: 6.696 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 75 Resp: 1312
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#

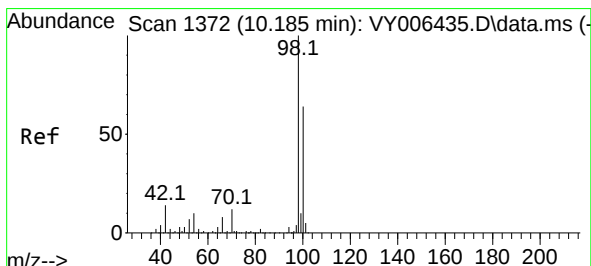
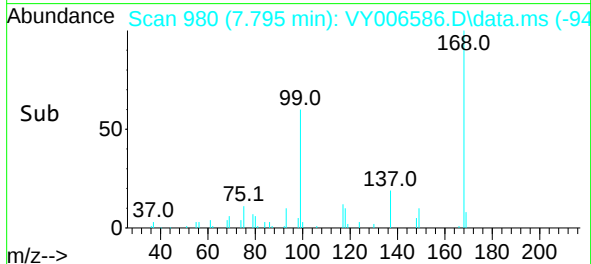
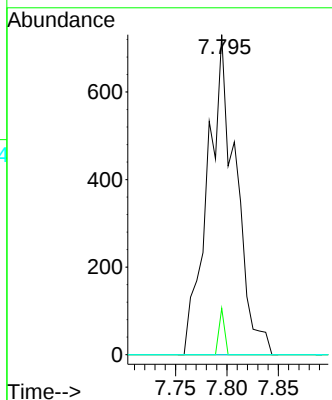
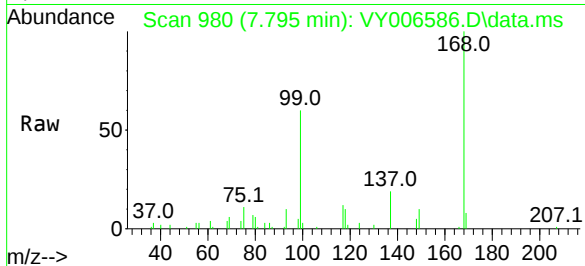




#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

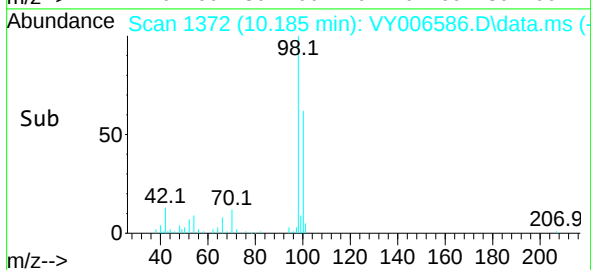
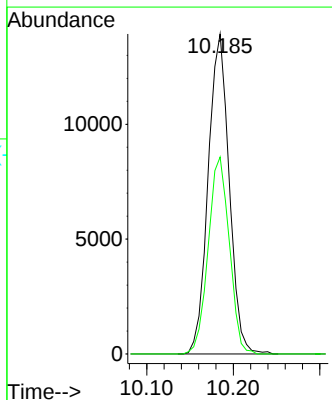
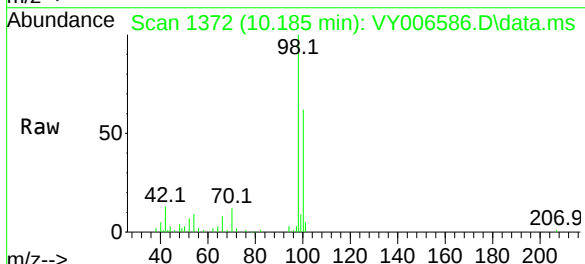
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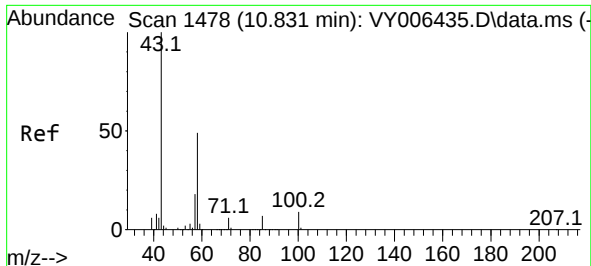
Tgt Ion:117 Resp: 1392
Ion Ratio Lower Upper
117 100
119 14.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 98 Resp: 23447
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

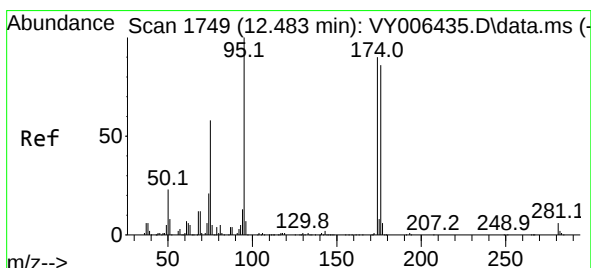
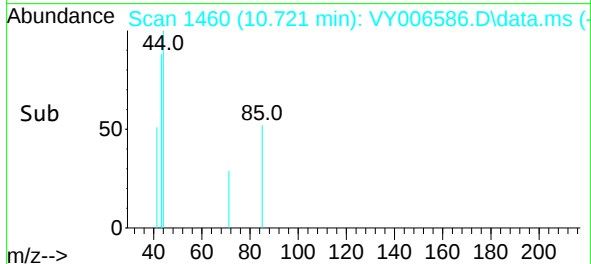
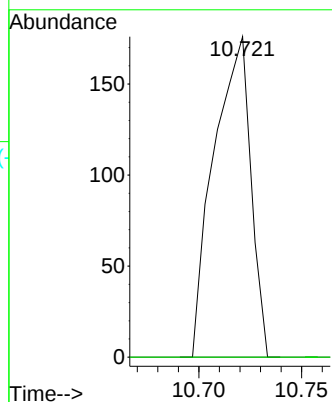
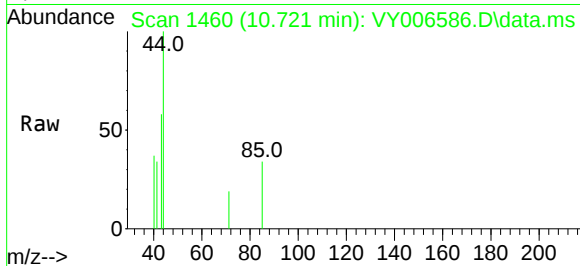




#59
2-Hexanone
Concen: 2.400 ug/l
RT: 10.721 min Scan# 1478
Delta R.T. -0.110 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

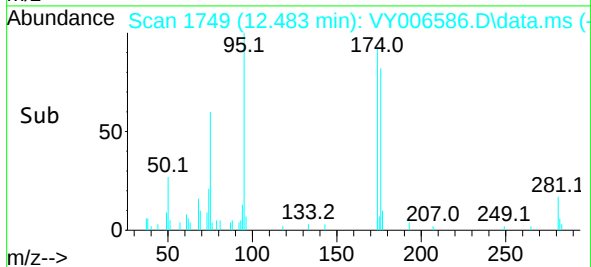
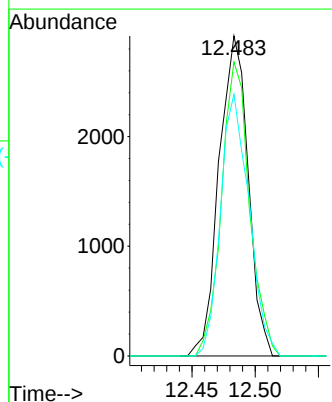
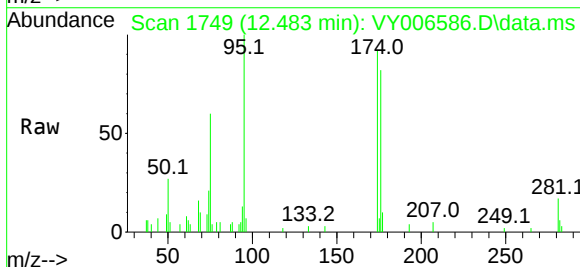
Instrument : MSVOA_Y
ClientSampleId : EO-01-110221

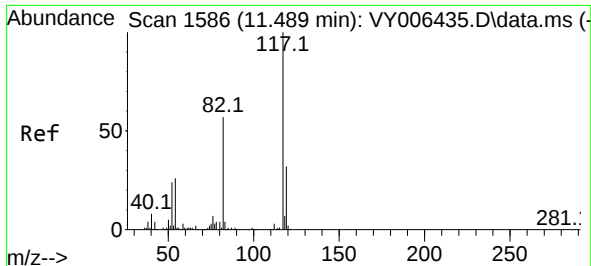
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 29.557 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 95 Resp: 4665
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 80.5 0.0 169.4

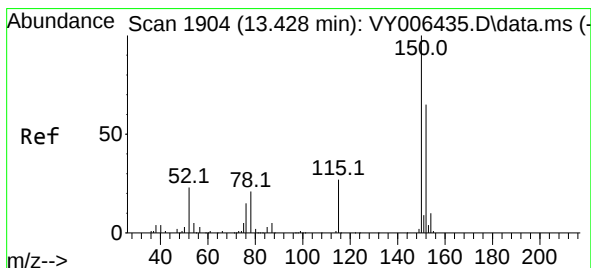
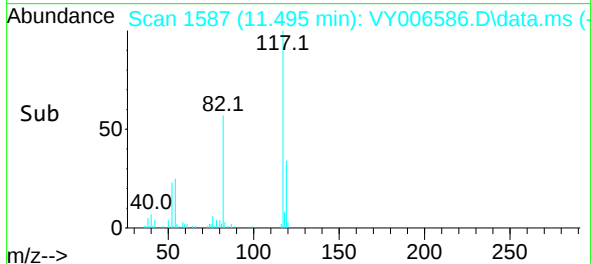
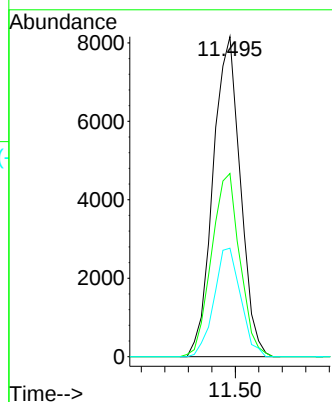
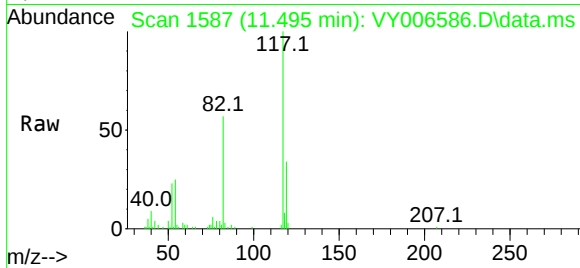




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

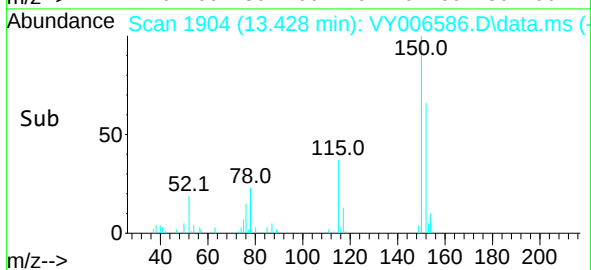
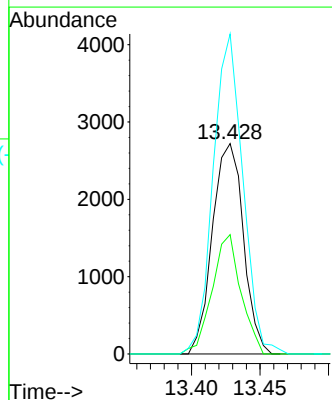
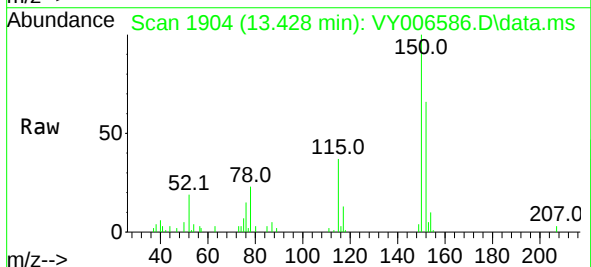
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221

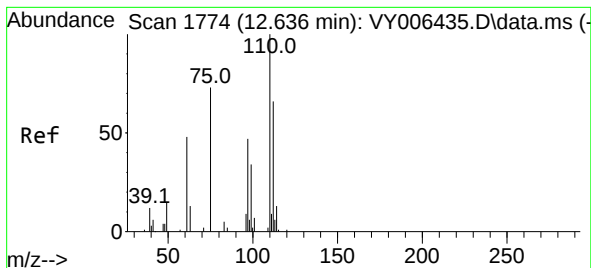
Tgt Ion:	117	Resp:	13176
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.7	68.5
119	33.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion:	152	Resp:	4283
Ion	Ratio	Lower	Upper
152	100		
115	52.7	28.5	85.5
150	145.3	0.0	348.2

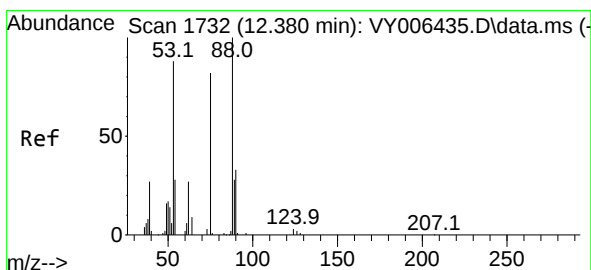
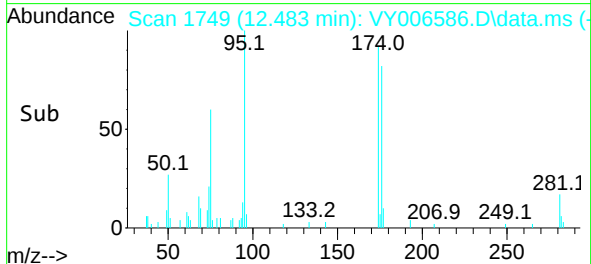
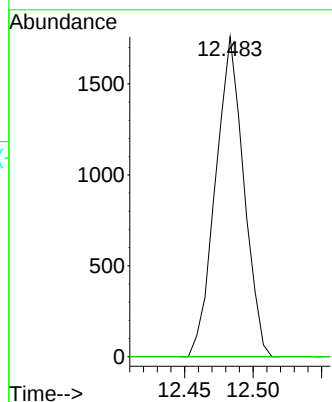
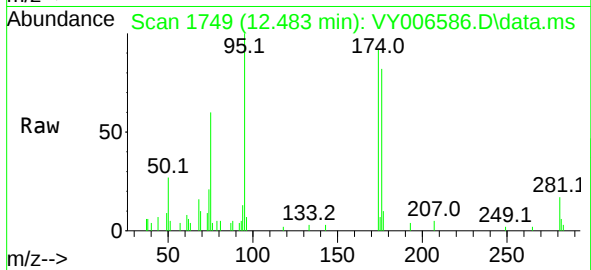




#76
1,2,3-Trichloropropane
Concen: 57.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221

Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 117.358 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

