

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005931.D
 Acq On : 01 Sep 2021 15:26
 Operator : SY/MD
 Sample : M3609-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-083121RE

Quant Time: Sep 02 07:49:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

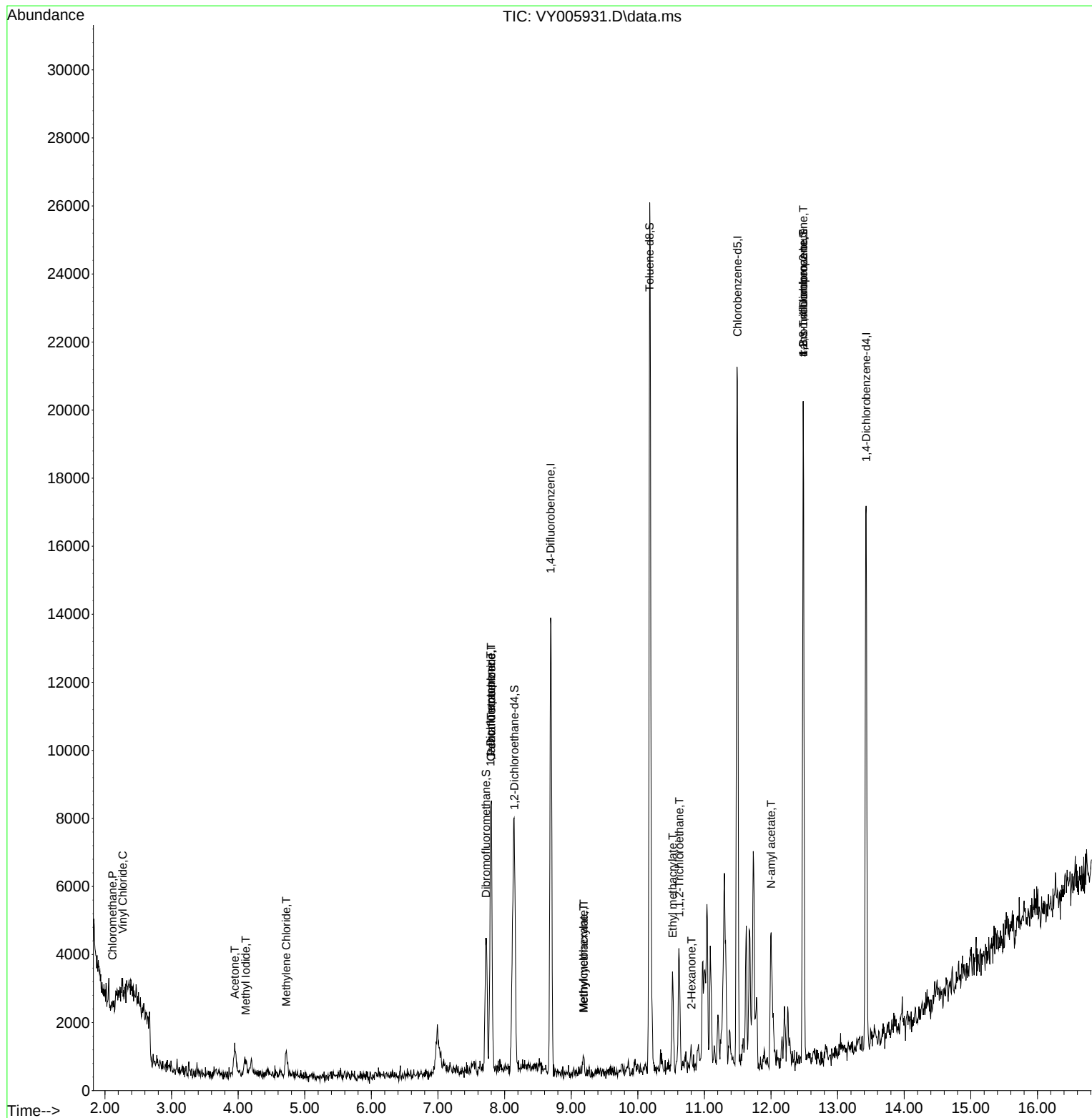
Internal Standards						
1) Pentafluorobenzene	7.801	168	6904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	12032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4674	67.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.36%			
35) Dibromofluoromethane	7.722	113	2849	44.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.84%			
50) Toluene-d8	10.179	98	14250	52.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.88%			
62) 4-Bromofluorobenzene	12.483	95	4608	50.99	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.98%			
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	121	1.85	ug/l #	42
4) Vinyl Chloride	2.265	62	284	3.35	ug/l #	43
10) Methyl Iodide	4.113	142	896	12.21	ug/l #	77
16) Acetone	3.948	43	1636	92.22	ug/l	99
20) Methylene Chloride	4.722	84	535	3.13	ug/l #	63
36) 1,1-Dichloropropene	7.789	75	303	2.82	ug/l #	41
38) Carbon Tetrachloride	7.795	117	702	6.02	ug/l #	12
39) Methylcyclohexane	9.185	83	321	2.36	ug/l #	62
48) Methyl methacrylate	9.191	41	129	2.40	ug/l #	13
55) 1,1,2-Trichloroethane	10.624	97	1402	22.82	ug/l #	22
56) Ethyl methacrylate	10.526	69	278	3.13	ug/l #	5
59) 2-Hexanone	10.807	43	281	6.38	ug/l #	24
74) N-amyl acetate	12.001	43	183	2.11	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	2529	59.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2529	113.29	ug/l #	13

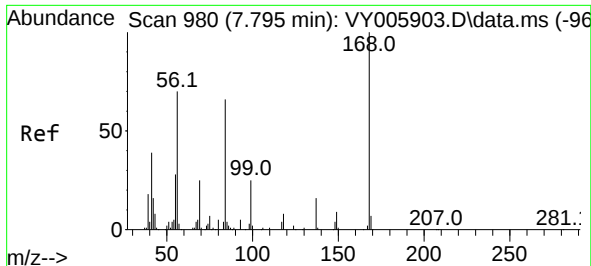
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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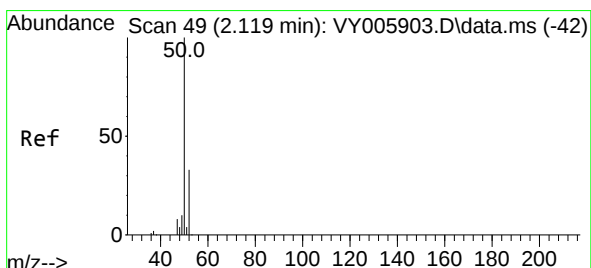
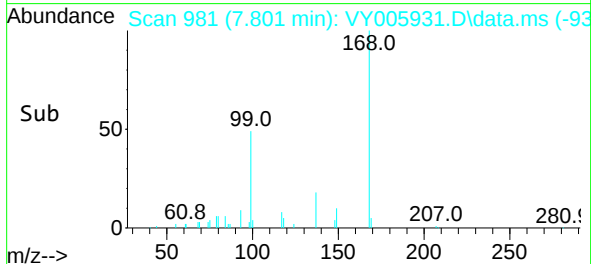
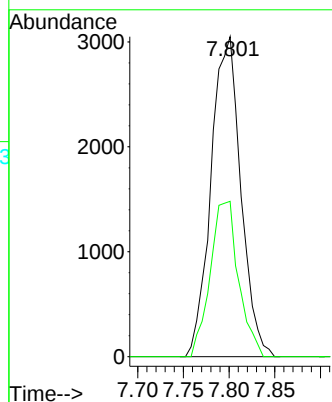
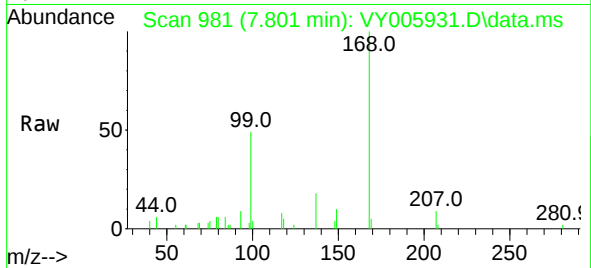




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

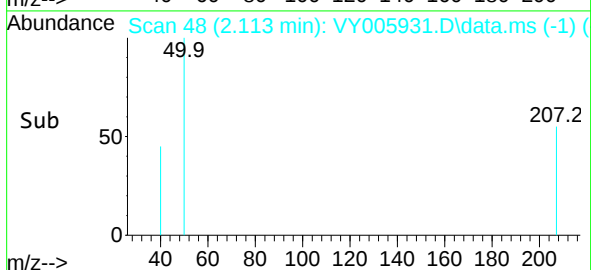
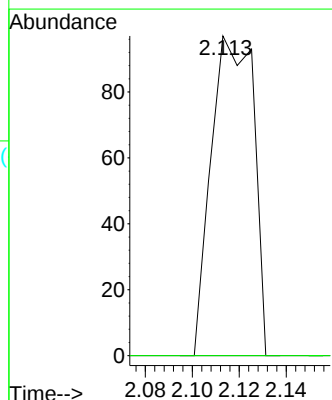
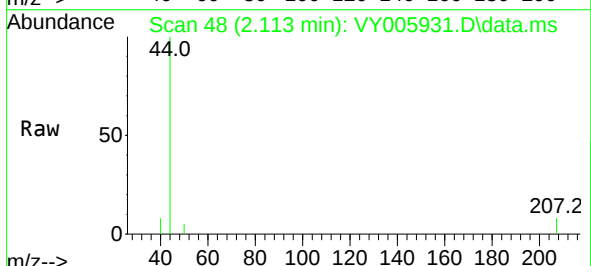
Instrument :
MSVOA_Y
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EO-01-083121RE

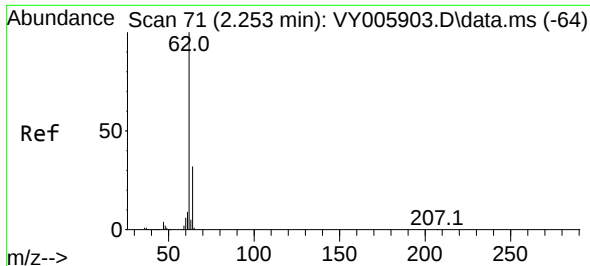
Tgt Ion:168 Resp: 6904
Ion Ratio Lower Upper
168 100
99 48.6 40.6 60.8



#3
Chloromethane
Concen: 1.85 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion: 50 Resp: 121
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#

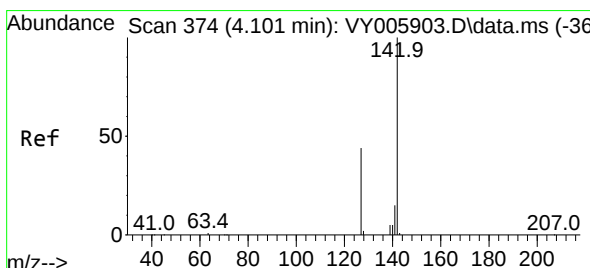
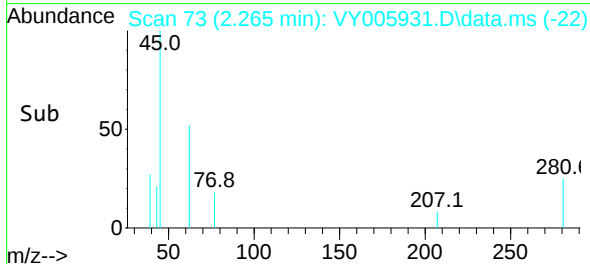
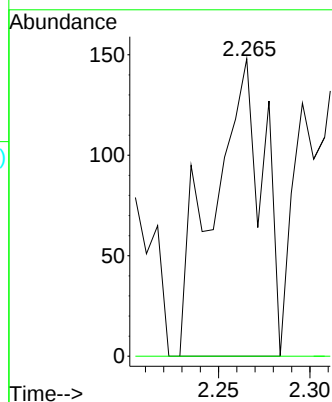
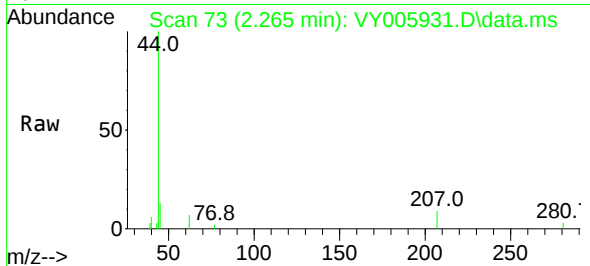




#4
 Vinyl Chloride
 Concen: 3.35 ug/l
 RT: 2.265 min Scan# 73
 Delta R.T. 0.012 min
 Lab File: VY005931.D
 Acq: 01 Sep 2021 15:26

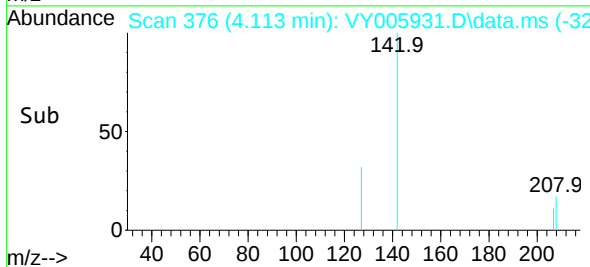
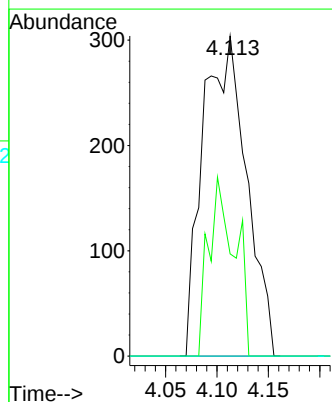
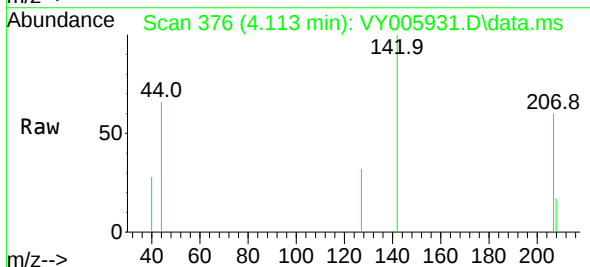
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-083121RE

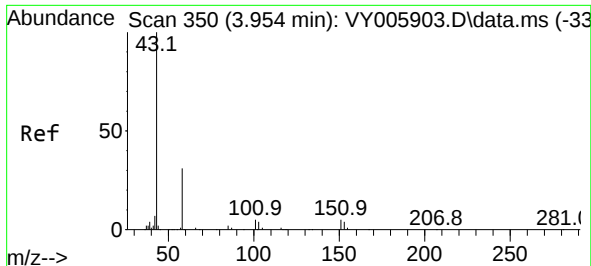
Tgt Ion: 62 Resp: 284
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#10
 Methyl Iodide
 Concen: 12.21 ug/l
 RT: 4.113 min Scan# 376
 Delta R.T. 0.012 min
 Lab File: VY005931.D
 Acq: 01 Sep 2021 15:26

Tgt Ion: 142 Resp: 896
 Ion Ratio Lower Upper
 142 100
 127 33.8 36.7 55.1#
 141 0.0 11.8 17.8#

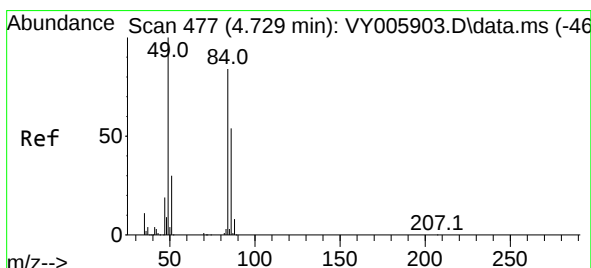
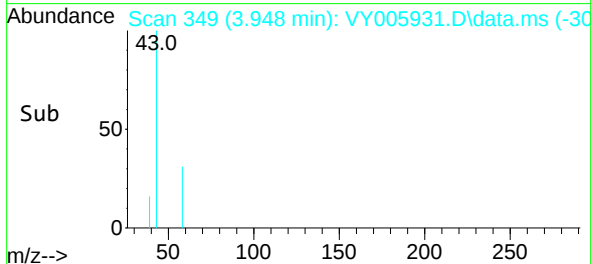
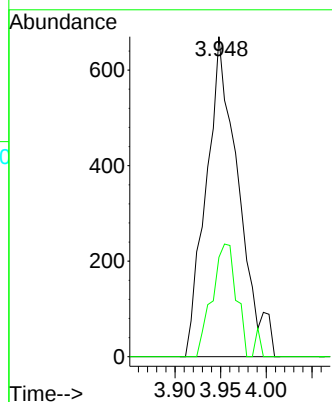
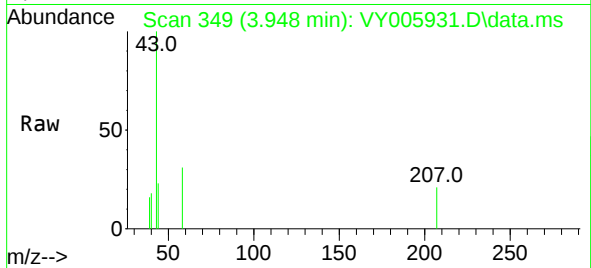




#16
Acetone
Concen: 92.22 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

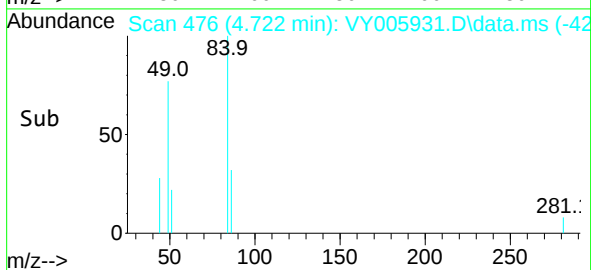
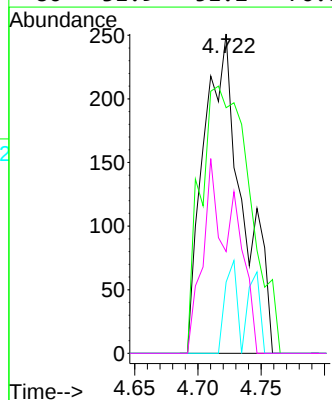
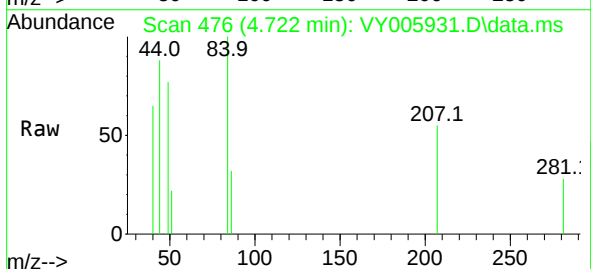
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121RE

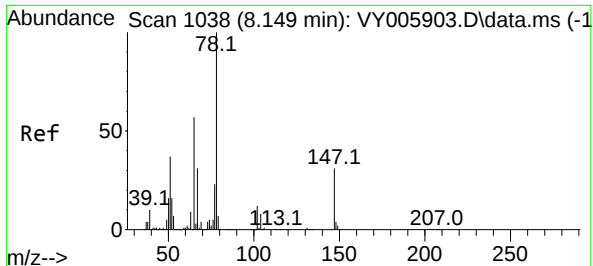
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
58 31.0 25.1 37.7



#20
Methylene Chloride
Concen: 3.13 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion: 84 Resp: 535
Ion Ratio Lower Upper
84 100
49 76.9 95.7 143.5#
51 22.3 29.0 43.6#
86 31.9 51.2 76.8#

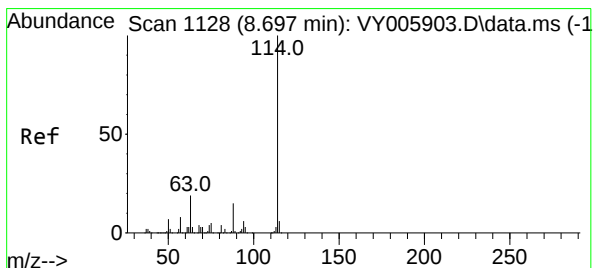
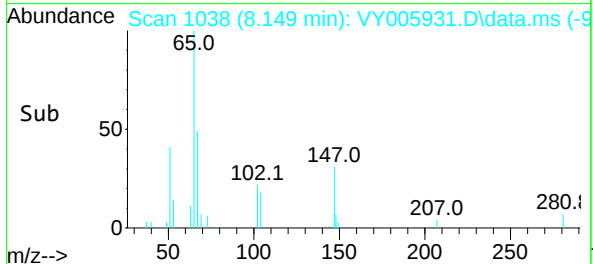
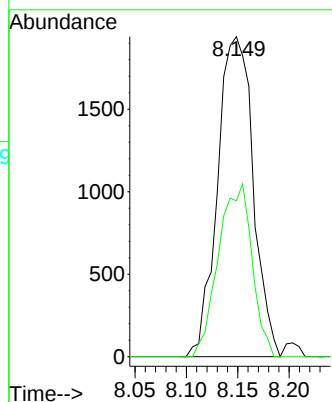
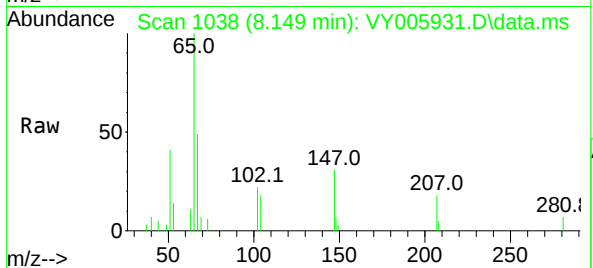




#33
1,2-Dichloroethane-d4
Concen: 67.18 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

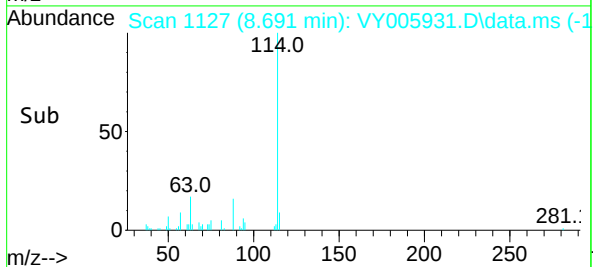
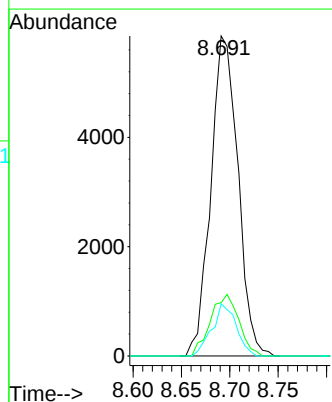
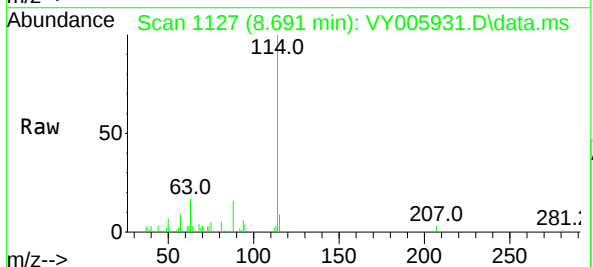
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121RE

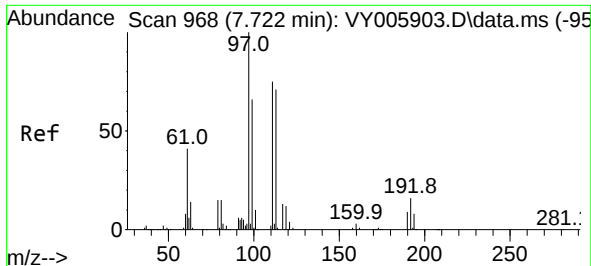
Tgt Ion: 65 Resp: 4674
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion: 114 Resp: 11420
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.4
88 16.3 0.0 30.0

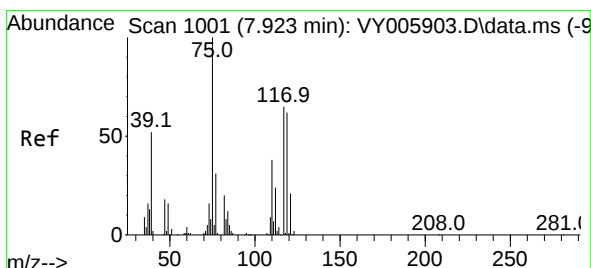
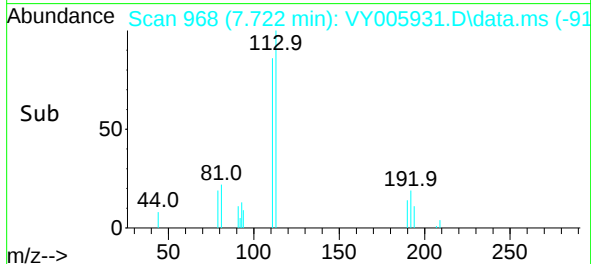
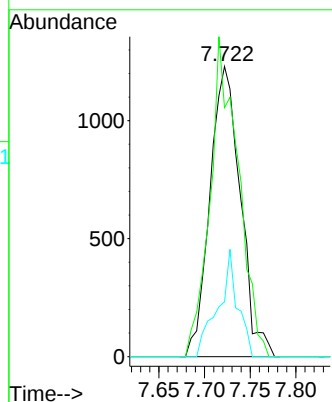
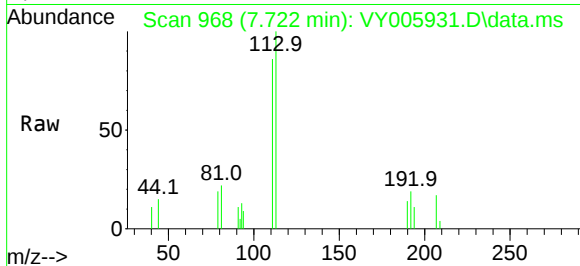




#35
Dibromofluoromethane
Concen: 44.42 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

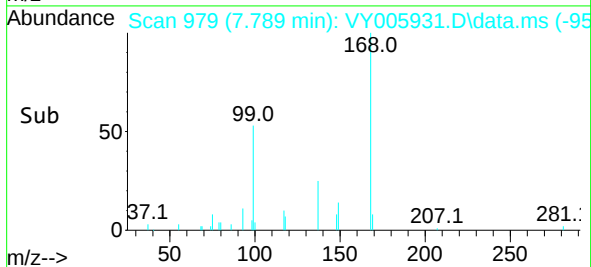
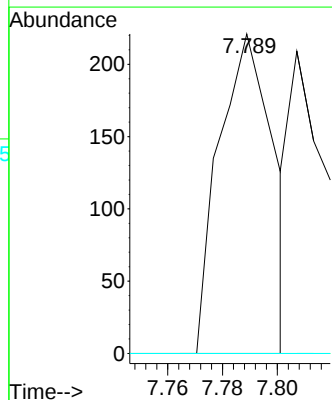
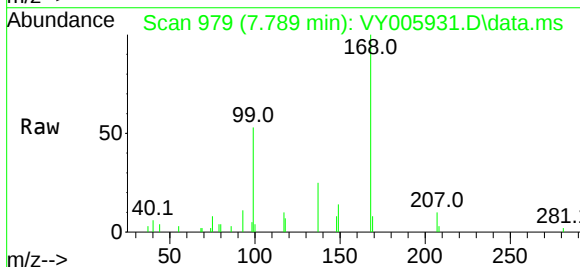
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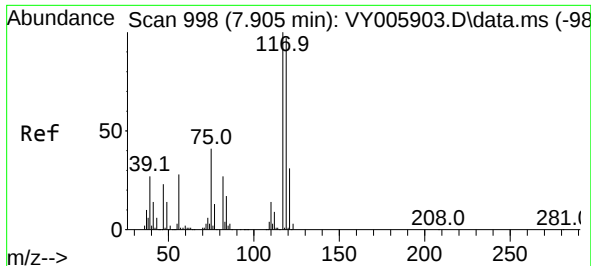
Tgt Ion:	113	Resp:	2849
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	23.5	19.4	29.0



#36
1,1-Dichloropropene
Concen: 2.82 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion:	75	Resp:	303
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	0.0	24.9	37.3#

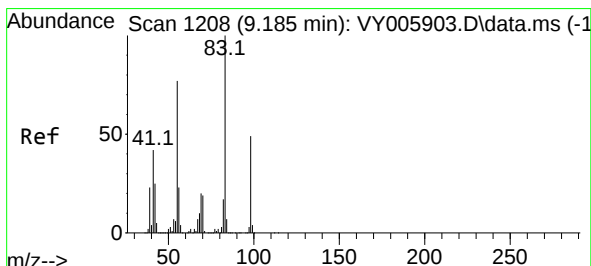
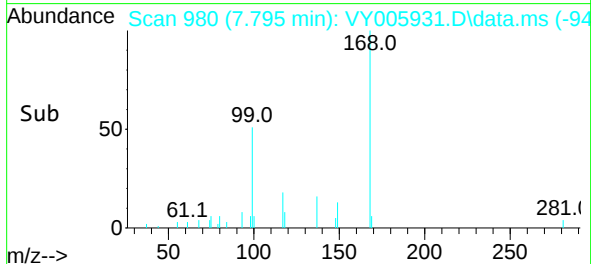
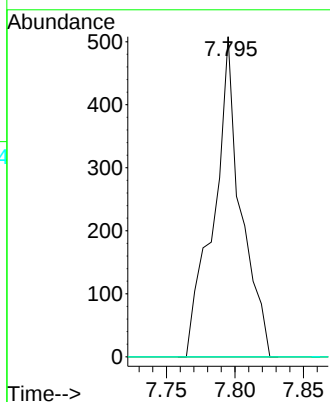
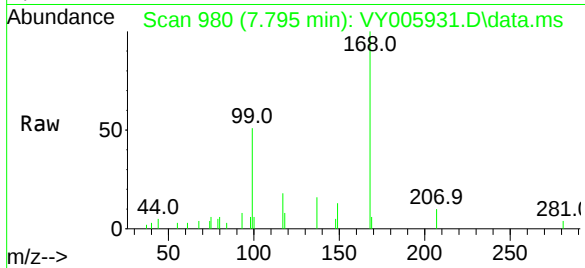




#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

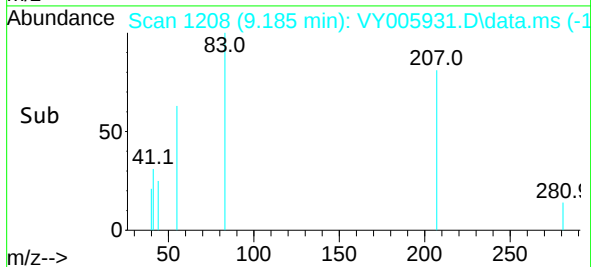
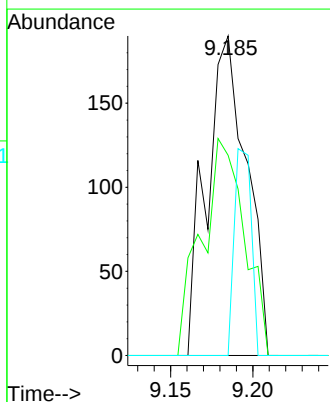
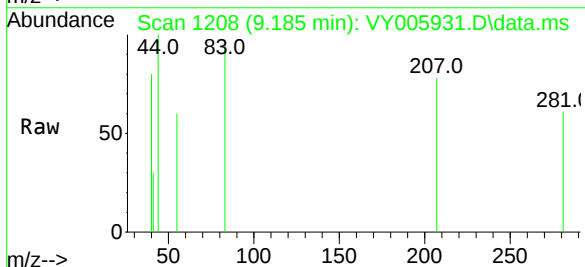
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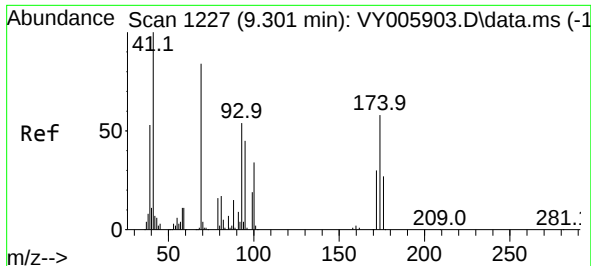
Tgt Ion:117 Resp: 702
Ion Ratio Lower Upper
117 100
119 0.0 77.5 116.3#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 2.36 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion: 83 Resp: 321
Ion Ratio Lower Upper
83 100
55 62.6 61.4 92.2
98 0.0 39.4 59.2#

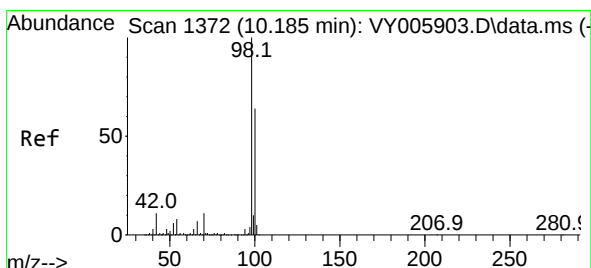
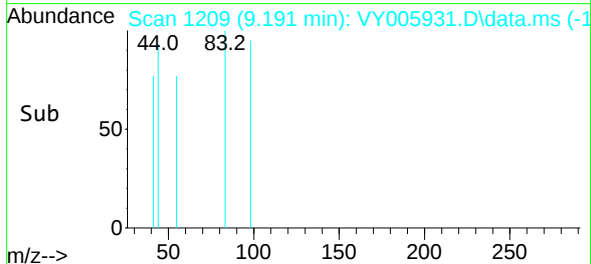
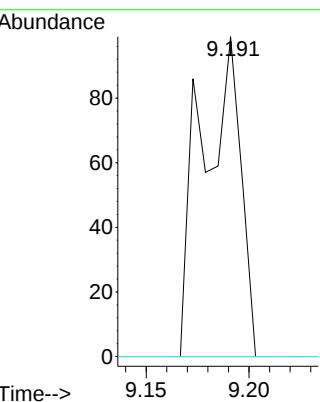
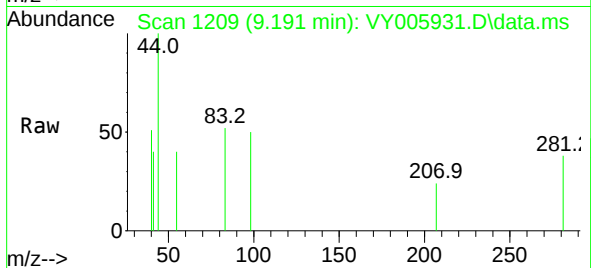




#48
Methyl methacrylate
Concen: 2.40 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.110 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

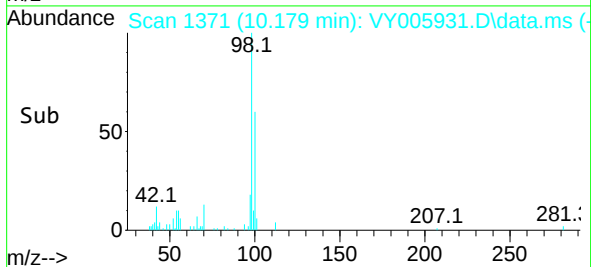
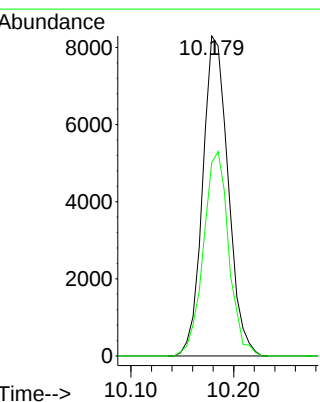
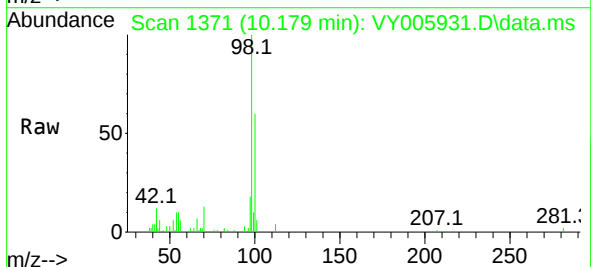
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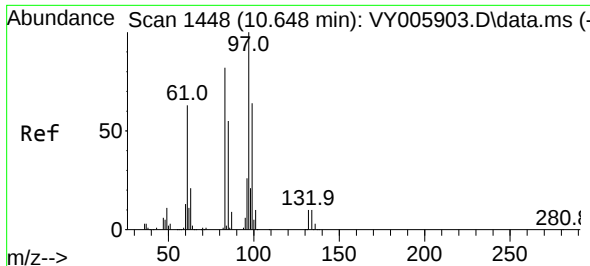
Tgt Ion: 41 Resp: 129
Ion Ratio Lower Upper
41 100
69 0.0 69.3 103.9#
39 0.0 44.2 66.4#



#50
Toluene-d8
Concen: 52.94 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion: 98 Resp: 14250
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

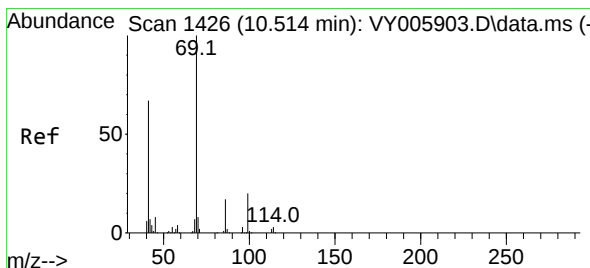
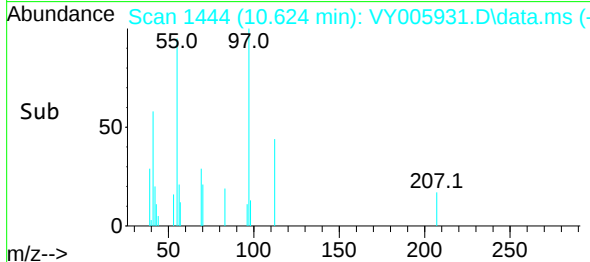
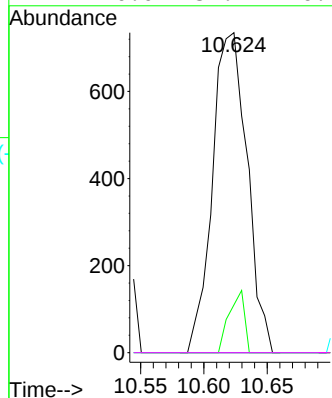
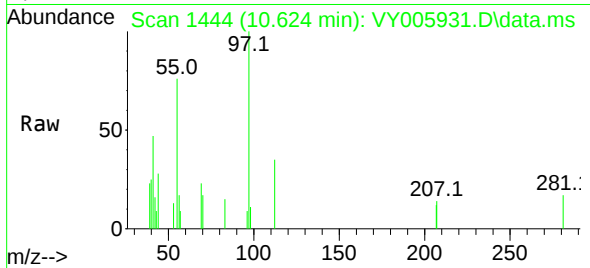




#55
1,1,2-Trichloroethane
Concen: 22.82 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.025 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

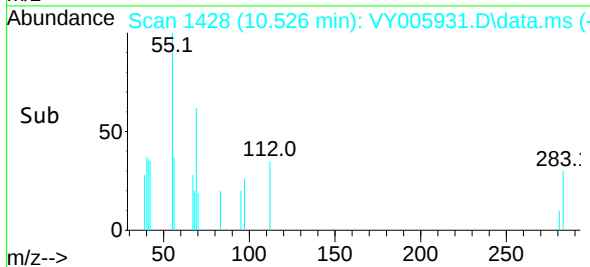
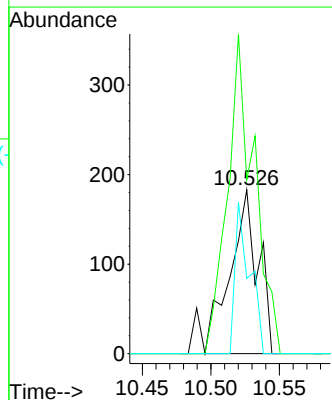
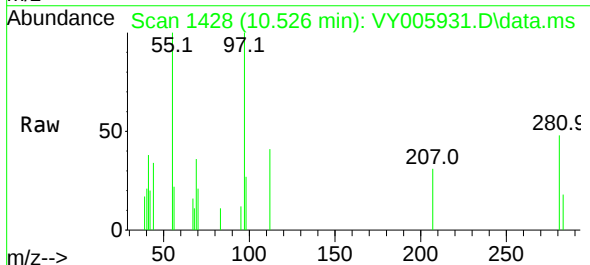
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121RE

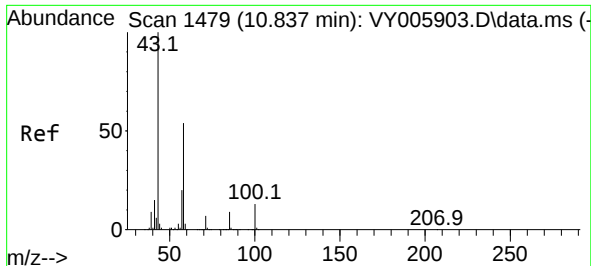
Tgt Ion: 97	Resp: 1402
Ion Ratio	Lower Upper
97 100	
83 15.0	65.9 98.9#
85 0.0	44.2 66.4#
99 0.0	51.1 76.7#



#56
Ethyl methacrylate
Concen: 3.13 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion: 69	Resp: 278
Ion Ratio	Lower Upper
69 100	
41 174.5	53.4 80.0#
39 45.3	28.0 42.0#

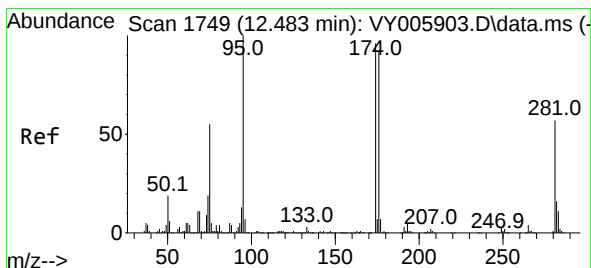
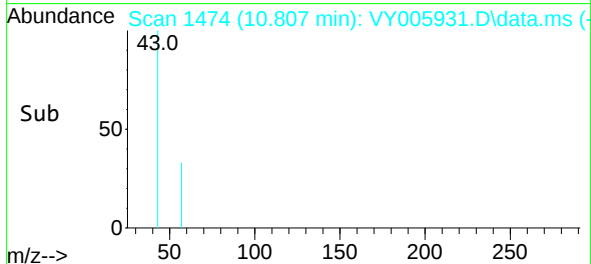
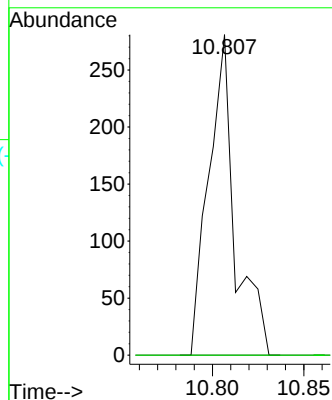
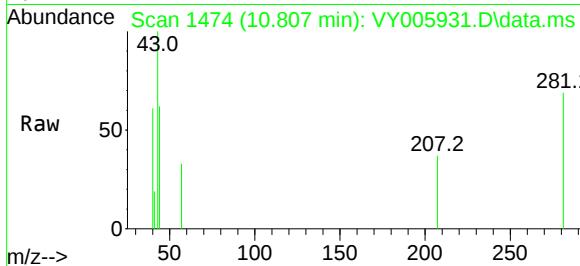




#59
2-Hexanone
Concen: 6.38 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

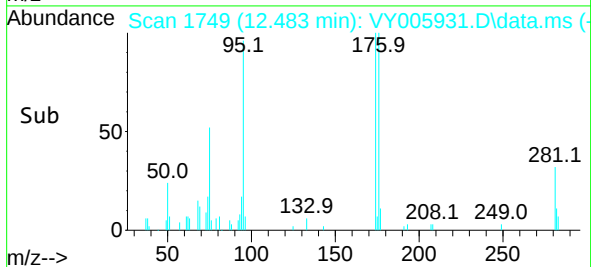
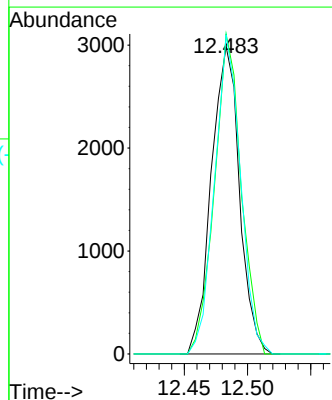
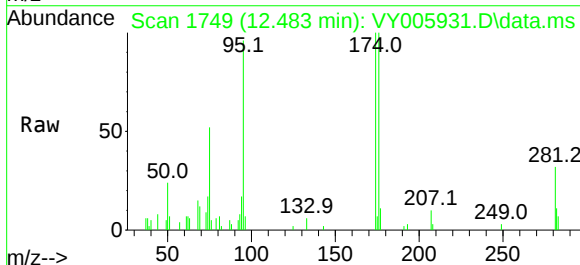
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121RE

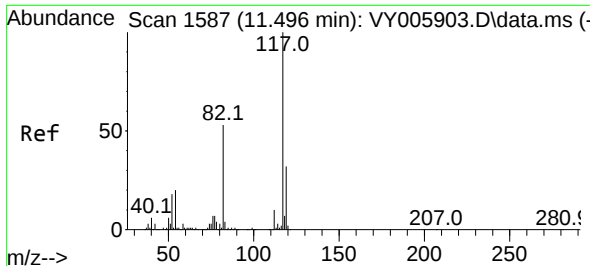
Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.9#



#62
4-Bromofluorobenzene
Concen: 50.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Tgt Ion: 95 Resp: 4608
Ion Ratio Lower Upper
95 100
174 98.8 0.0 192.4
176 96.1 0.0 186.8

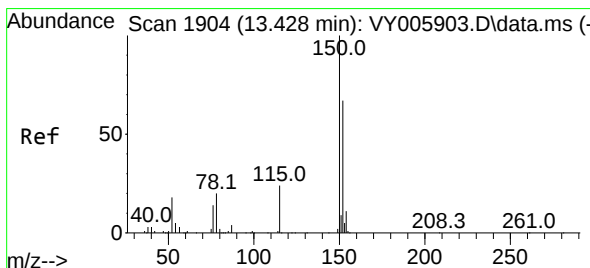
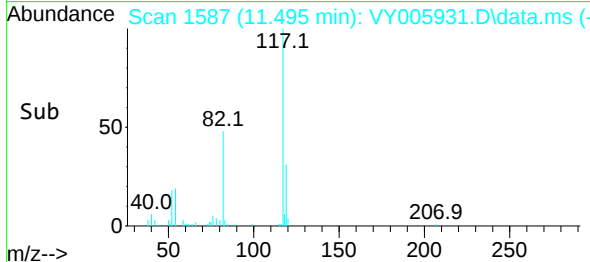
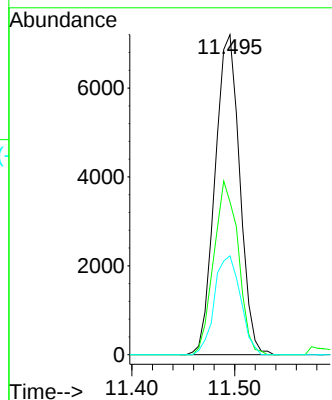
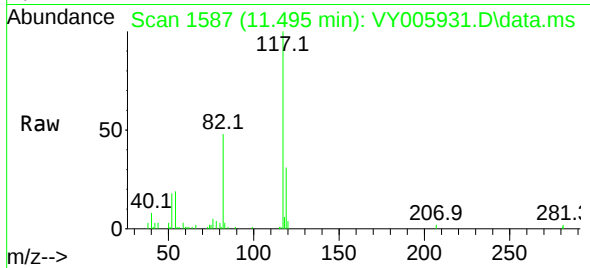




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

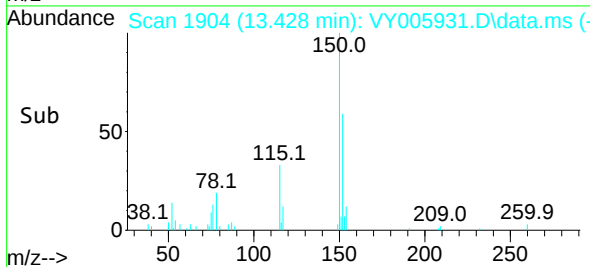
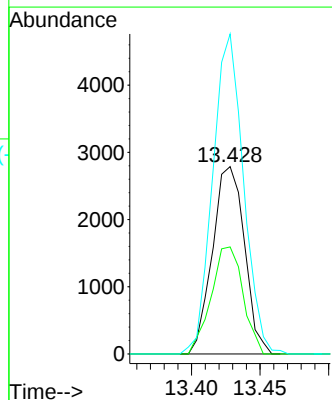
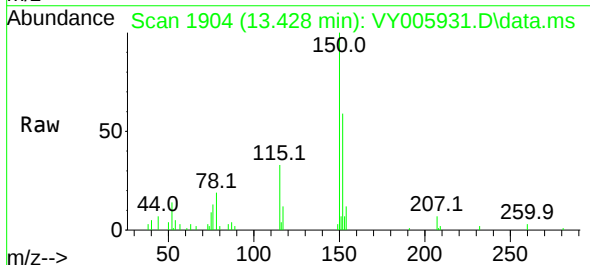
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121RE

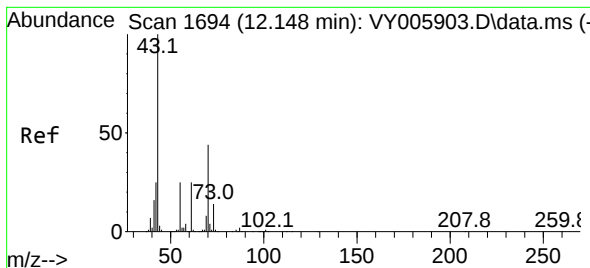
Tgt Ion:	117	Resp:	12032
Ion Ratio	Lower	Upper	
117	100		
82	47.8	42.4	63.6
119	30.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

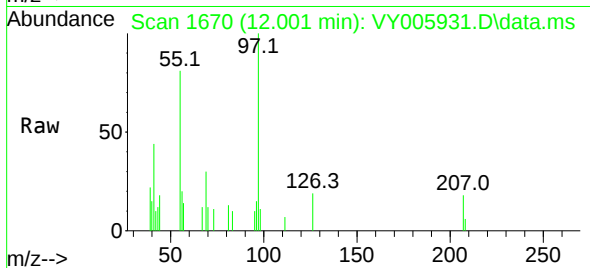
Tgt Ion:	152	Resp:	4536
Ion Ratio	Lower	Upper	
152	100		
115	56.8	26.8	80.4
150	164.0	0.0	345.6



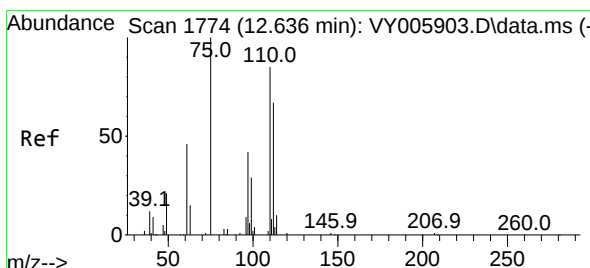
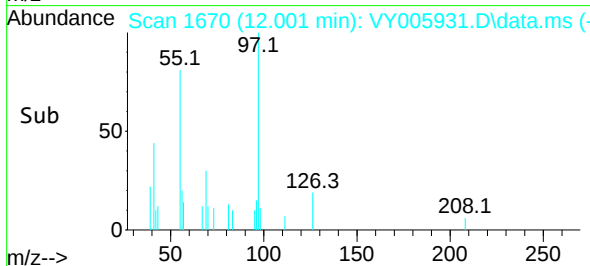
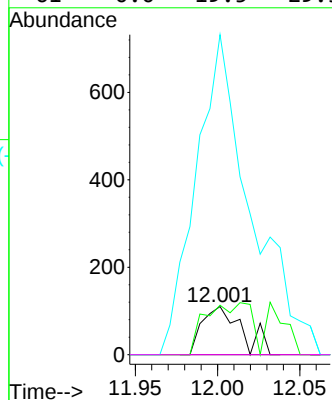


#74
N-amy1 acetate
Concen: 2.11 ug/l
RT: 12.001 min Scan# 1670
Delta R.T. -0.146 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121RE

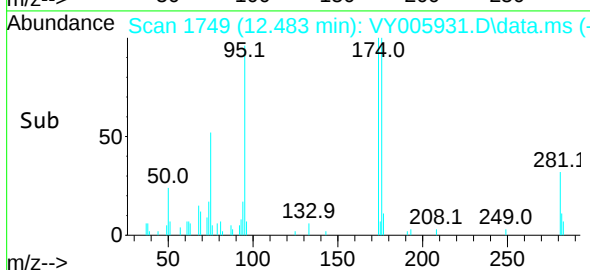
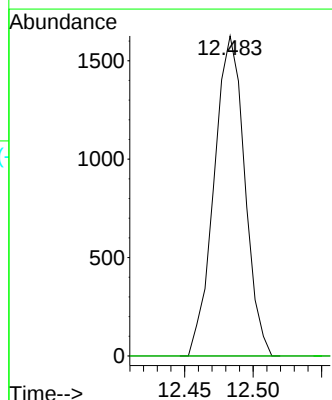
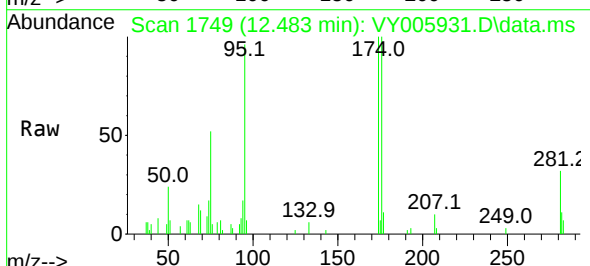


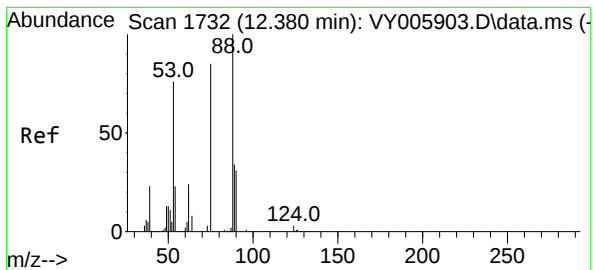
Tgt Ion: 43	Resp: 183
Ion Ratio	Lower Upper
43 100	
70 125.1	34.2 51.4#
55 930.6	19.4 29.2#
61 0.0	19.5 29.3#



#76
1,2,3-Trichloropropane
Concen: 59.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005931.D
Acq: 01 Sep 2021 15:26

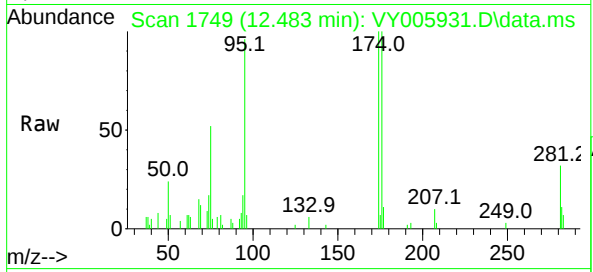
Tgt Ion: 75	Resp: 2529
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.29 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005931.D
 Acq: 01 Sep 2021 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-083121RE



Tgt Ion:	75	Resp:	2529
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.8	107.8#
89	0.0	35.8	53.6#

