

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035094.D
 Acq On : 14 Apr 2023 19:27
 Operator : JC/MD
 Sample : 02308-01ME
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-041223

Quant Time: Apr 17 08:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

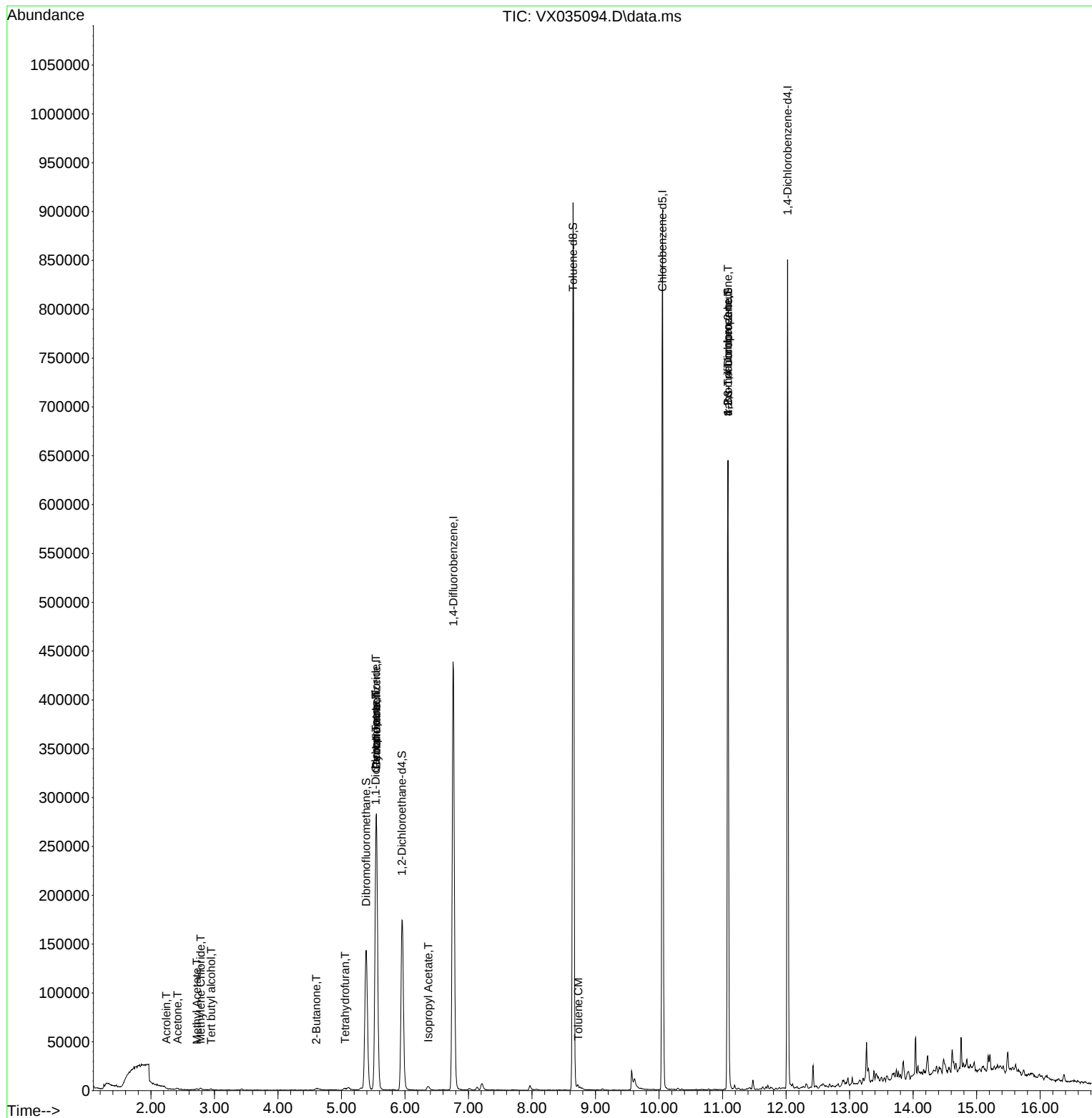
Internal Standards						
1) Pentafluorobenzene	5.550	168	269853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170928	41.417	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.840%		
35) Dibromofluoromethane	5.385	113	127735	42.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.620%		
50) Toluene-d8	8.647	98	538813	48.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.085	95	193989	45.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.040%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	585	0.808	ug/l #	73
13) Acrolein	2.239	56	386	0.518	ug/l #	74
16) Acetone	2.416	43	1874	1.118	ug/l #	88
18) Methyl Acetate	2.721	43	2106	0.354	ug/l #	84
20) Methylene Chloride	2.782	84	773	0.234	ug/l #	64
25) 2-Butanone	4.605	43	3963	1.625	ug/l	91
29) Tetrahydrofuran	5.056	42	1885	1.234	ug/l #	77
31) Cyclohexane	5.550	56	5509	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	21376	4.836	ug/l #	51
38) Carbon Tetrachloride	5.544	117	27447	6.586	ug/l #	16
43) Isopropyl Acetate	6.367	43	2545	0.329	ug/l #	62
52) Toluene	8.726	92	1813	0.219	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	96865	27.351	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	96865	81.969	ug/l #	8

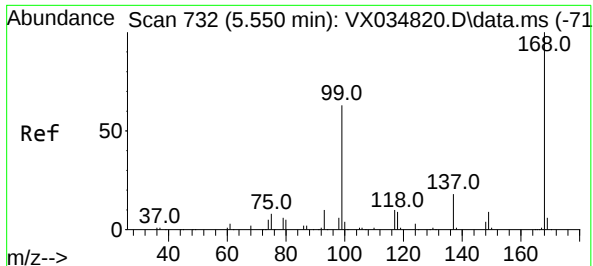
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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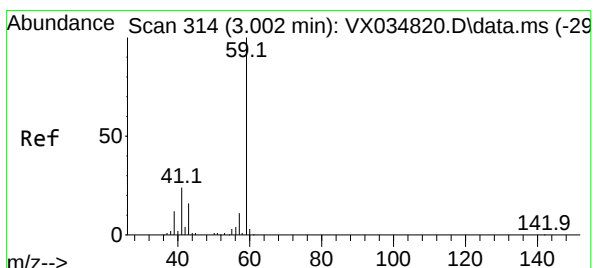
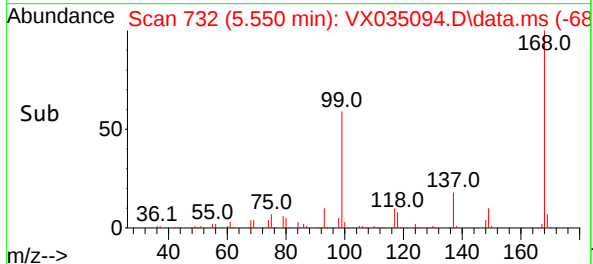
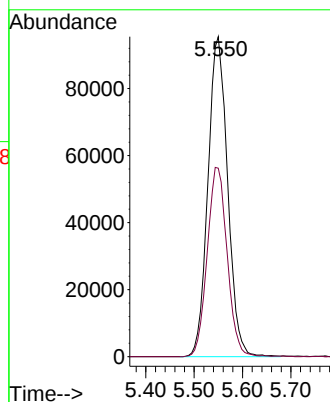
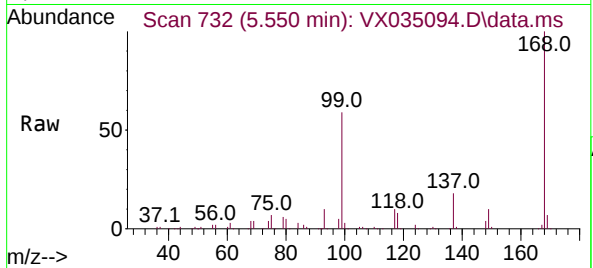




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

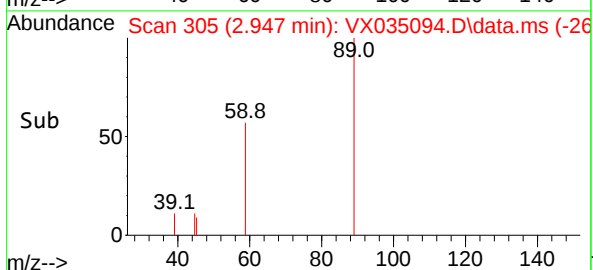
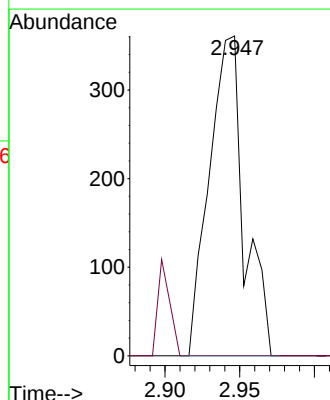
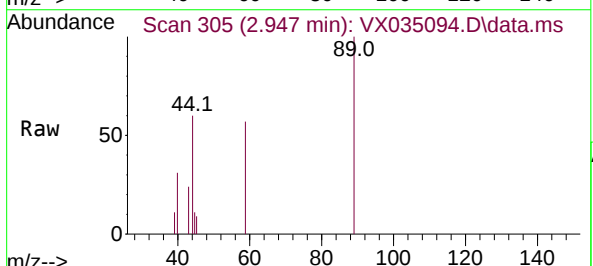
Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

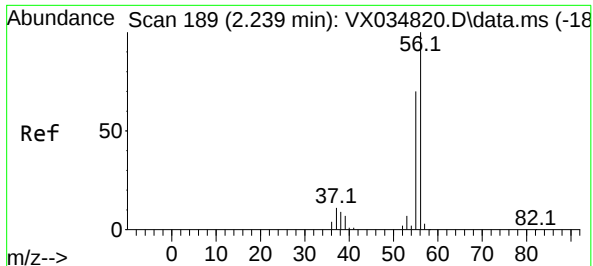
Tgt Ion:168 Resp: 269853
Ion Ratio Lower Upper
168 100
99 58.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.808 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 59 Resp: 585
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

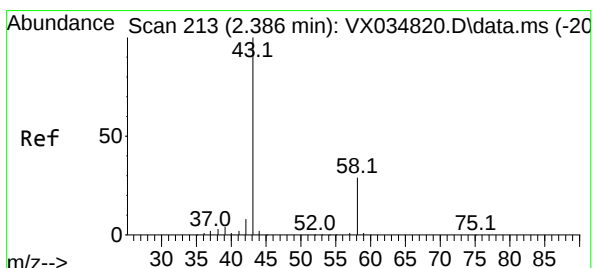
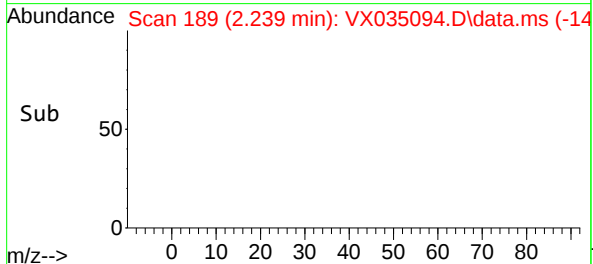
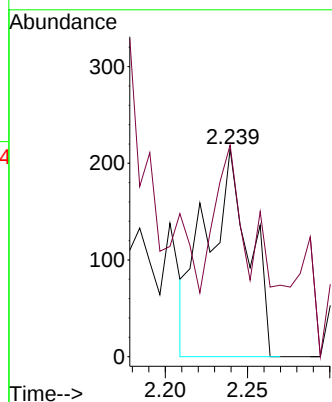
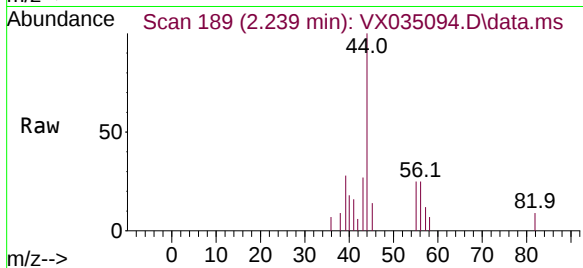




#13
Acrolein
Concen: 0.518 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

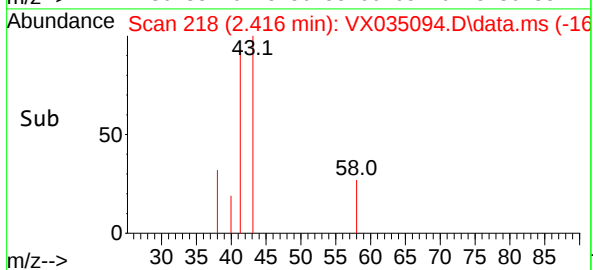
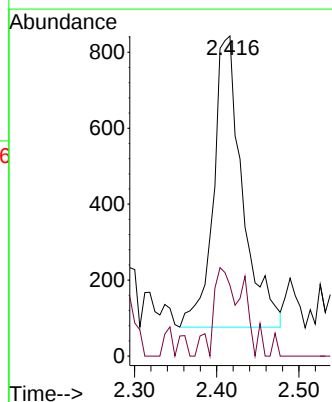
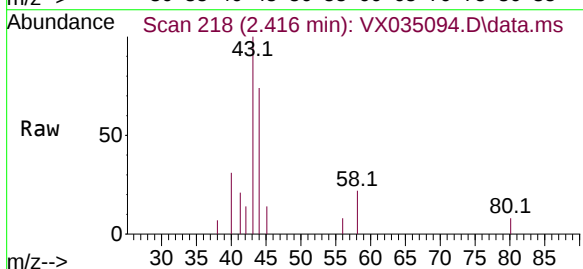
Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

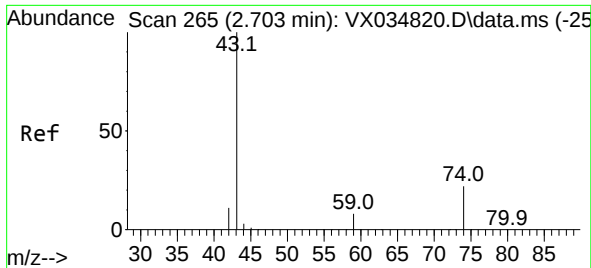
Tgt Ion: 56 Resp: 386
Ion Ratio Lower Upper
56 100
55 49.0 56.6 85.0#



#16
Acetone
Concen: 1.118 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.030 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 24.3 24.7 37.1#

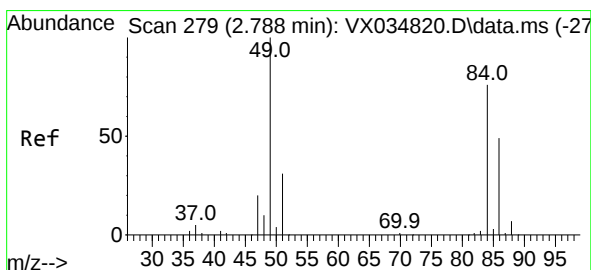
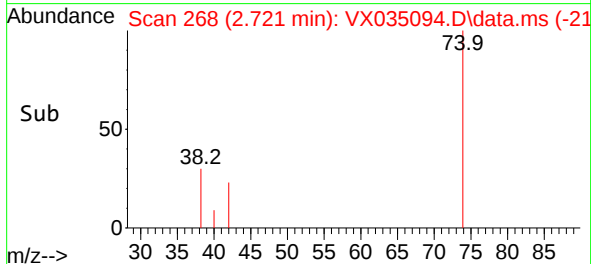
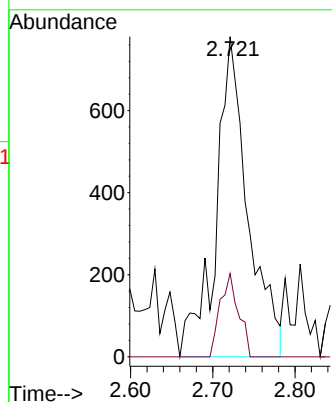
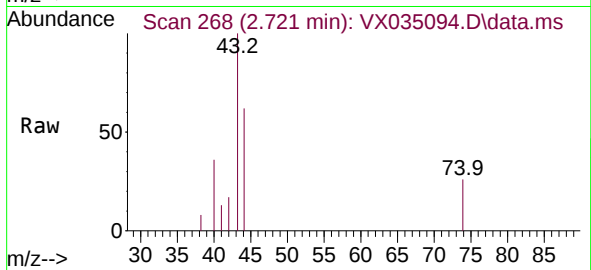




#18
Methyl Acetate
Concen: 0.354 ug/l
RT: 2.721 min Scan# 2106
Delta R.T. 0.018 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

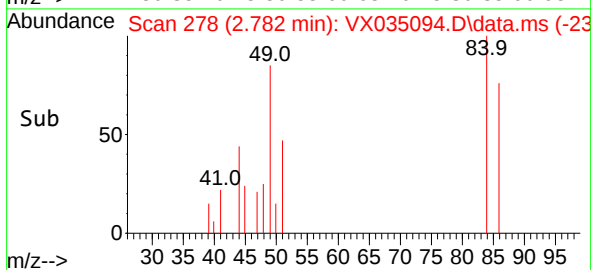
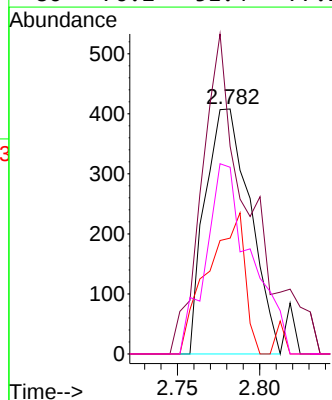
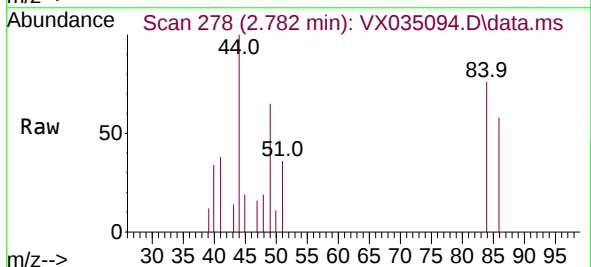
Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

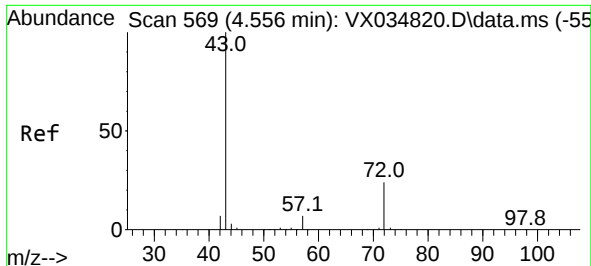
Tgt Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
74 15.0 18.3 27.5#



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 84 Resp: 773
Ion Ratio Lower Upper
84 100
49 67.4 103.8 155.8#
51 47.3 31.8 47.8
86 76.2 51.4 77.2

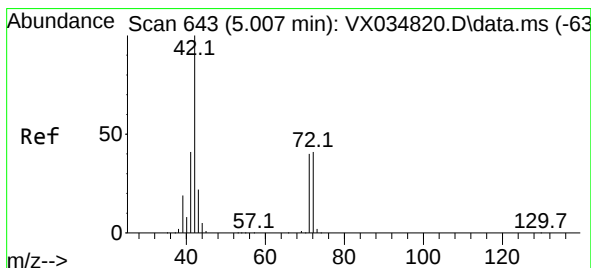
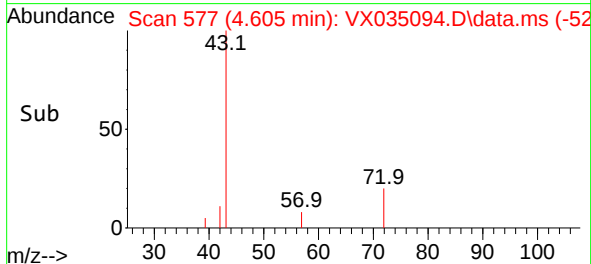
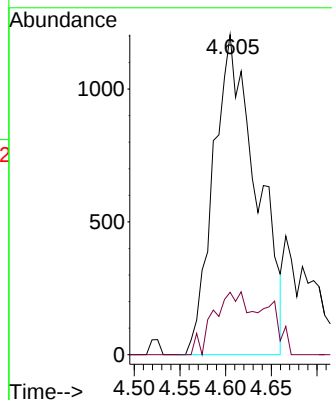
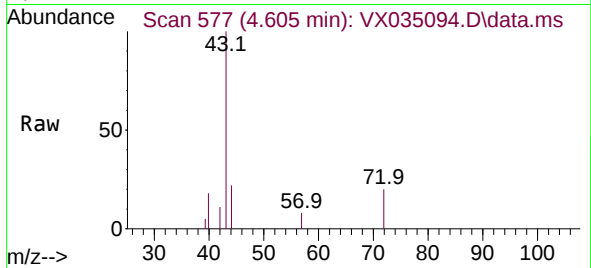




#25
2-Butanone
Concen: 1.625 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

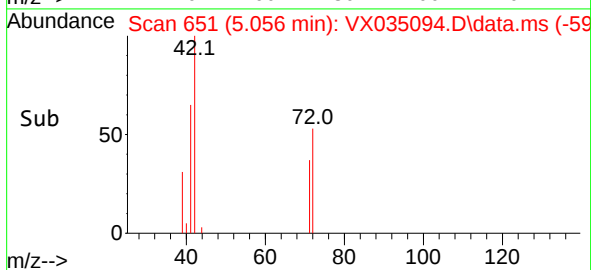
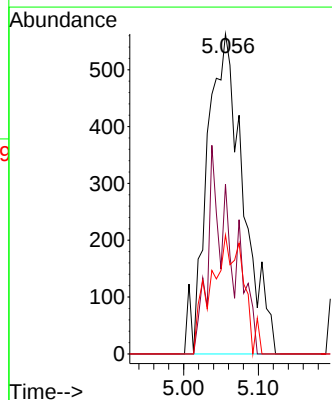
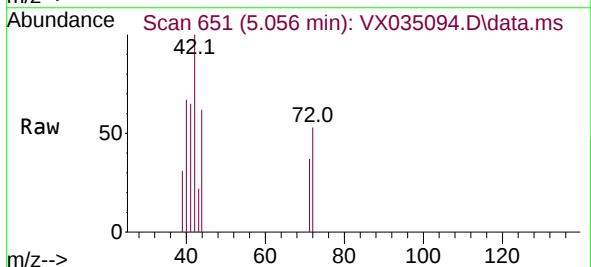
Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

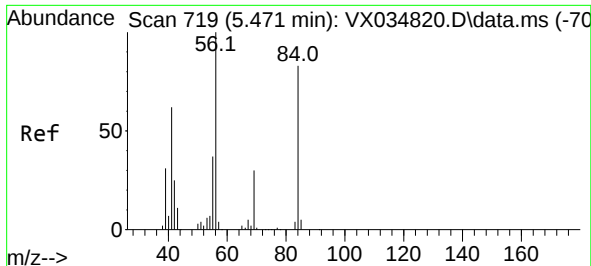
Tgt Ion: 43 Resp: 3963
Ion Ratio Lower Upper
43 100
72 19.5 19.3 28.9



#29
Tetrahydrofuran
Concen: 1.234 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.049 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 42 Resp: 1885
Ion Ratio Lower Upper
42 100
72 20.2 34.5 51.7#
71 33.7 32.1 48.1

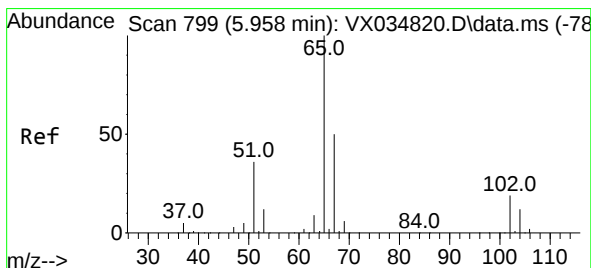
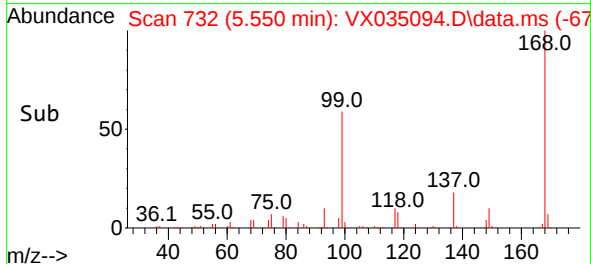
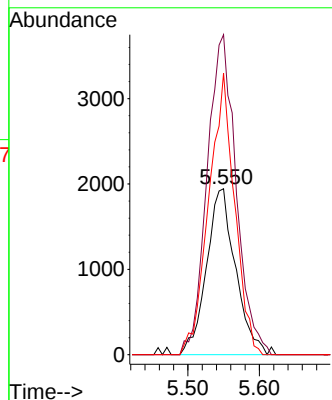
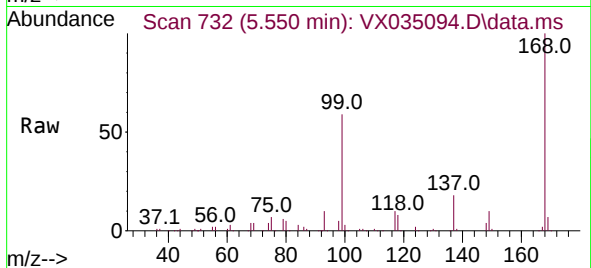




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

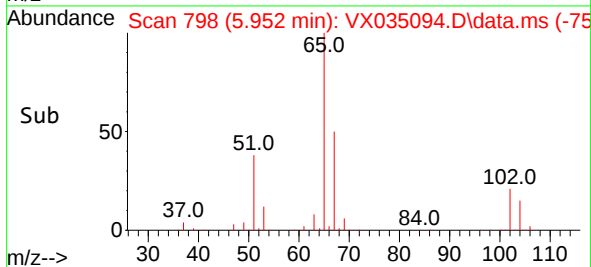
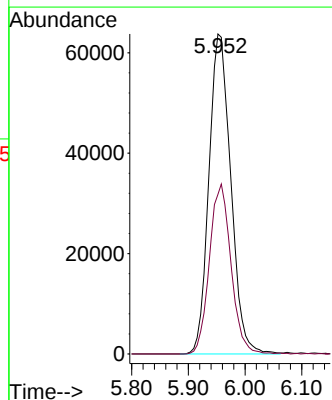
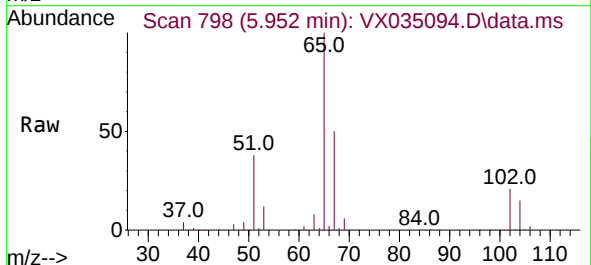
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EO-01-041223

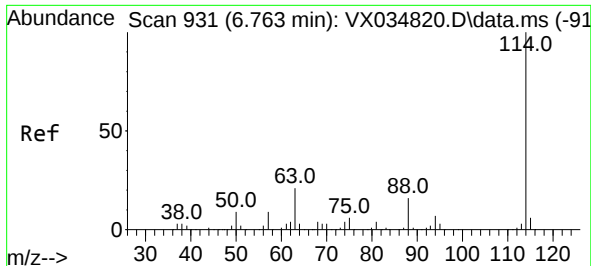
Tgt Ion: 56 Resp: 5509
Ion Ratio Lower Upper
56 100
69 192.8 23.7 35.5#
84 169.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 41.417 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 65 Resp: 170928
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

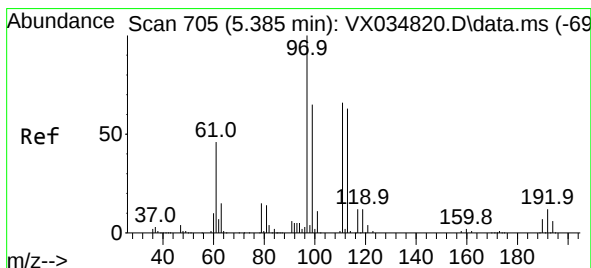
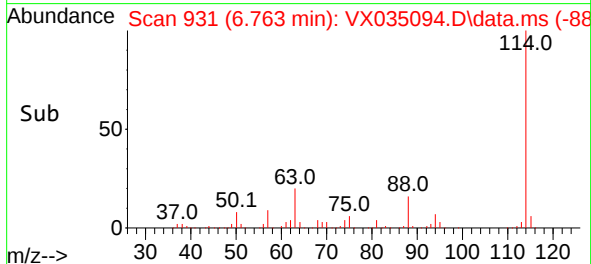
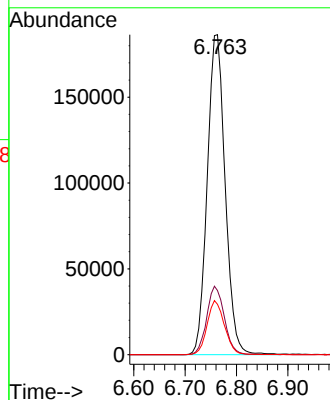
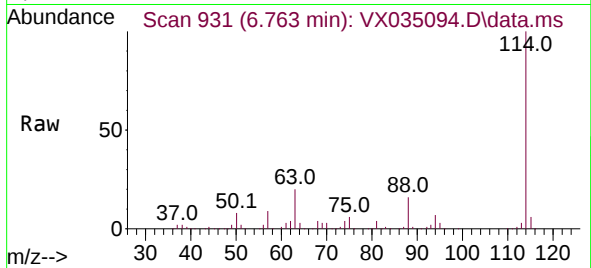




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

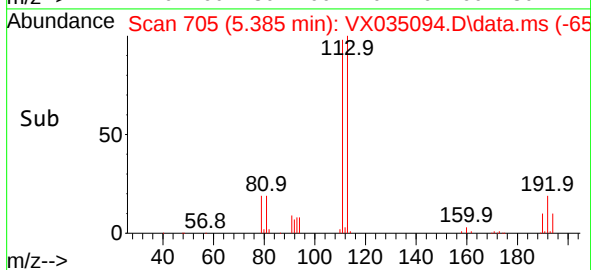
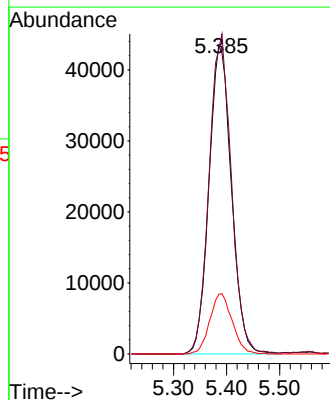
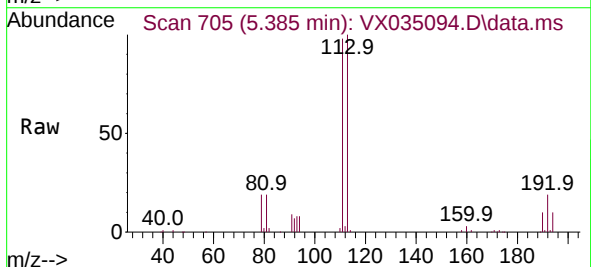
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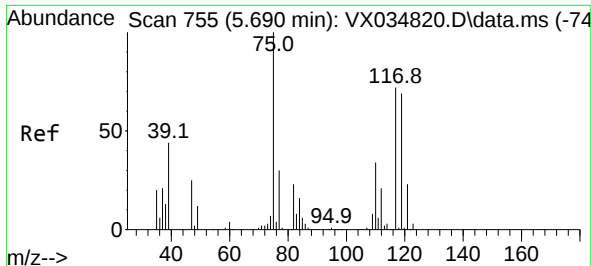
Tgt Ion:114 Resp: 451074
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.814 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion:113 Resp: 127735
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.836 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX035094.D

Acq: 14 Apr 2023 19:27

Instrument :

MSVOA_X

ClientSampleId :

EO-01-041223

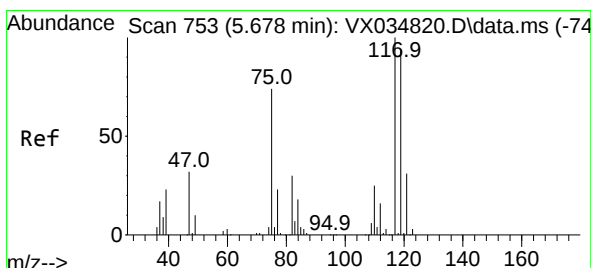
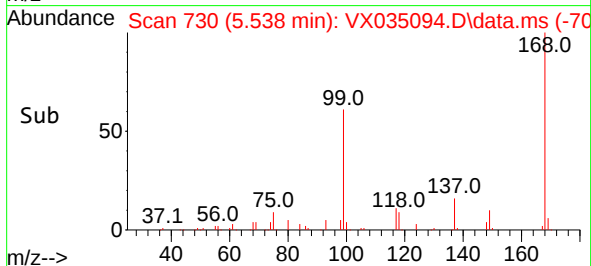
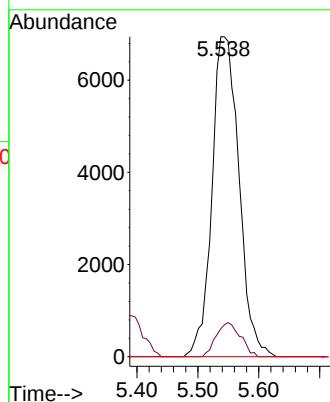
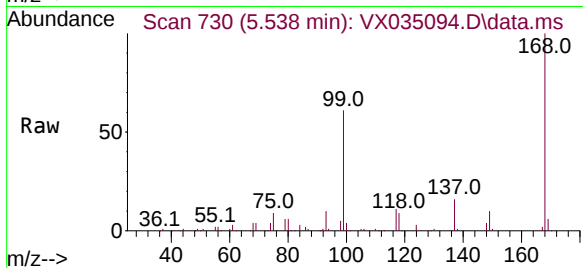
Tgt Ion: 75 Resp: 21376

Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.586 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX035094.D

Acq: 14 Apr 2023 19:27

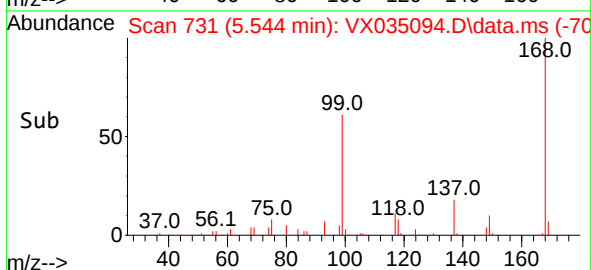
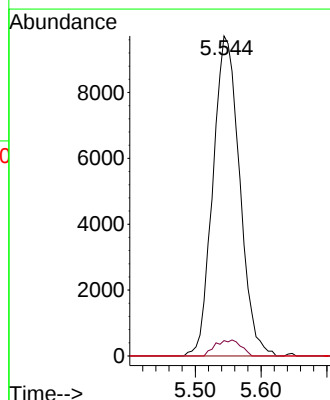
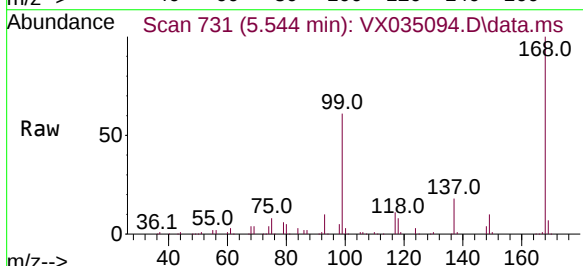
Tgt Ion: 117 Resp: 27447

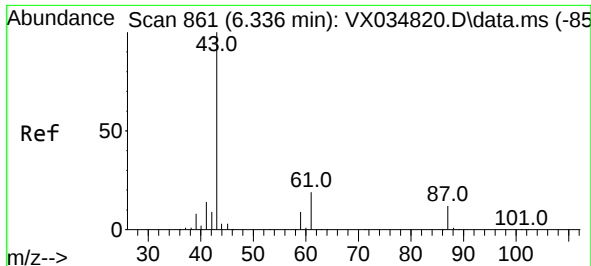
Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

121 0.0 23.8 35.6#

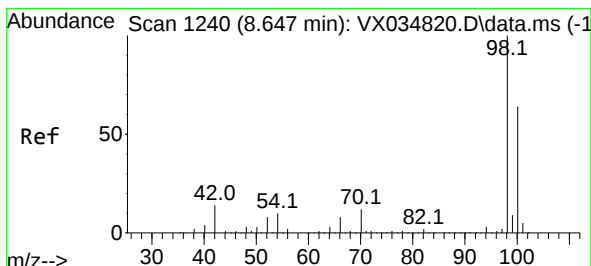
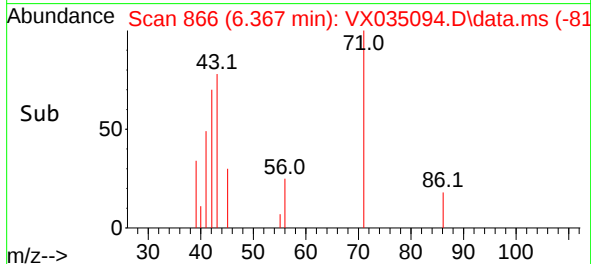
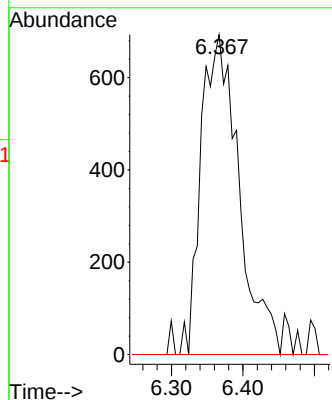
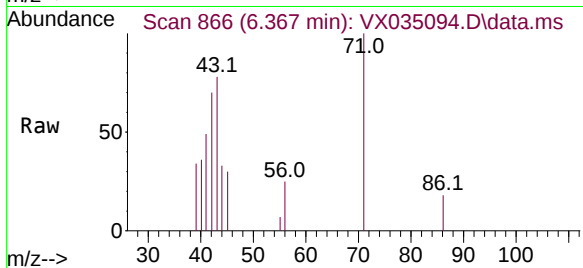




#43
Isopropyl Acetate
Concen: 0.329 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.030 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

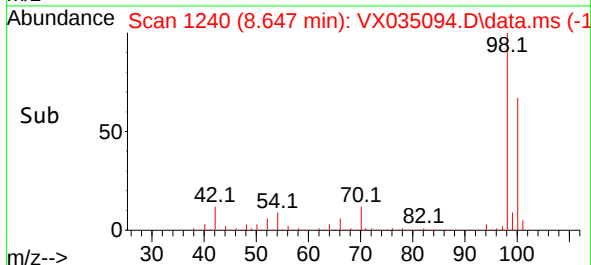
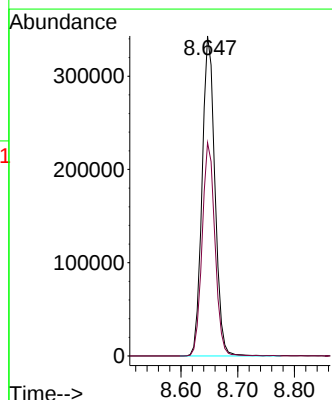
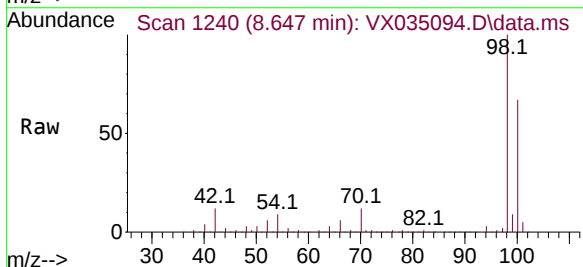
Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

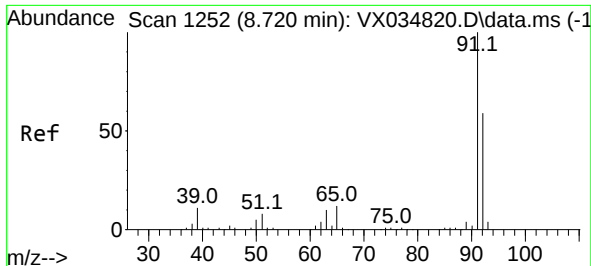
Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 48.929 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 98 Resp: 538813
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

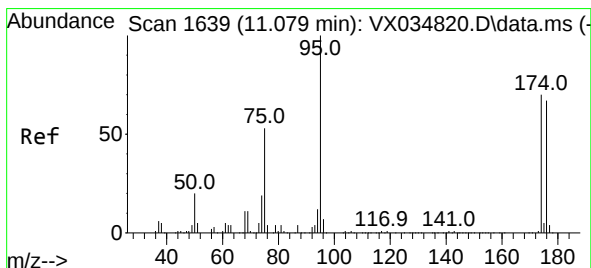
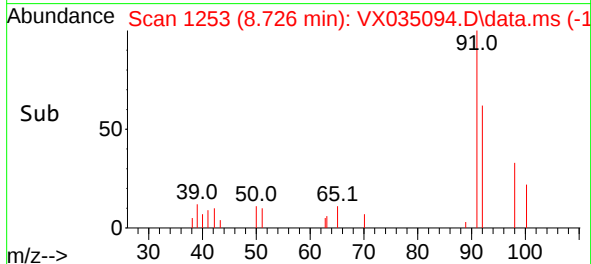
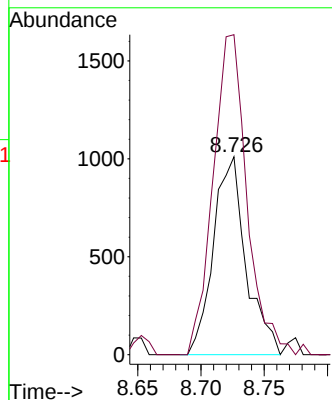
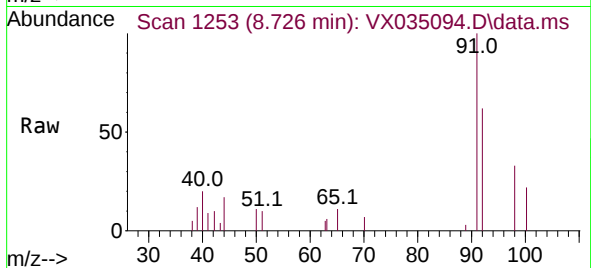




#52
Toluene
Concen: 0.219 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

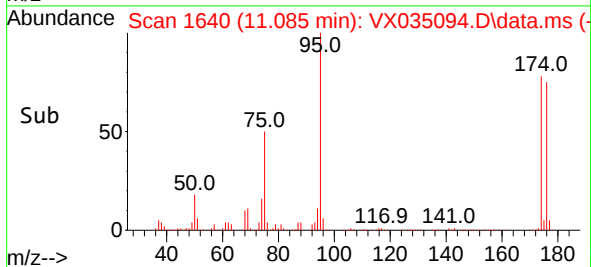
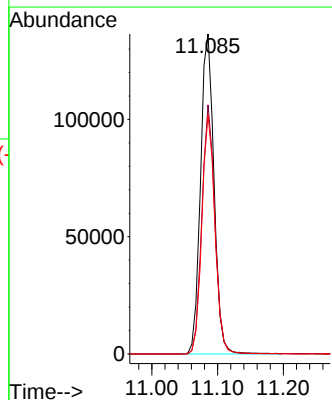
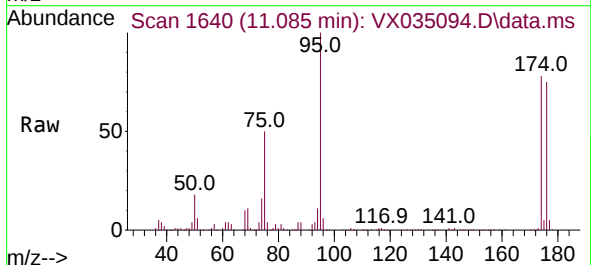
Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

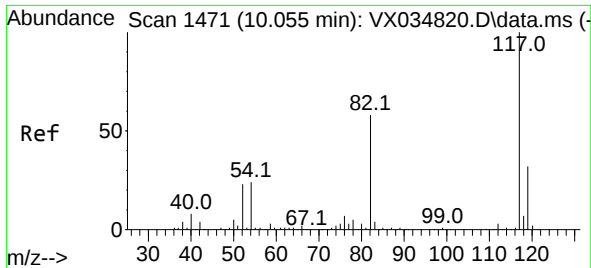
Tgt Ion: 92 Resp: 1813
Ion Ratio Lower Upper
92 100
91 168.9 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 45.522 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 95 Resp: 193989
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.4
176 72.6 0.0 140.6

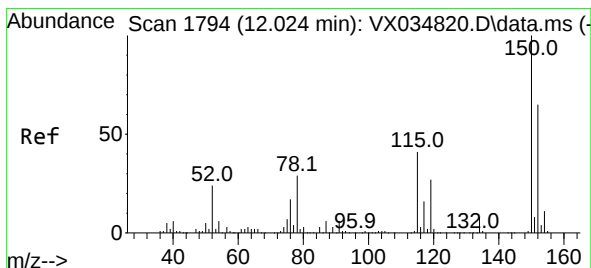
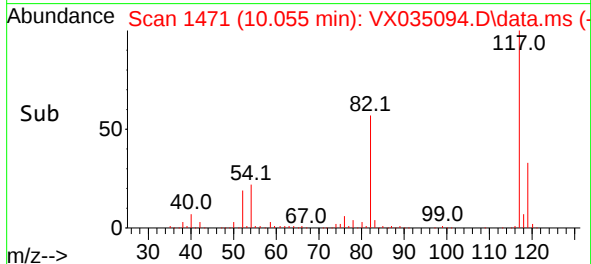
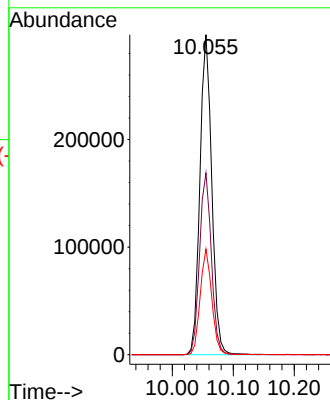
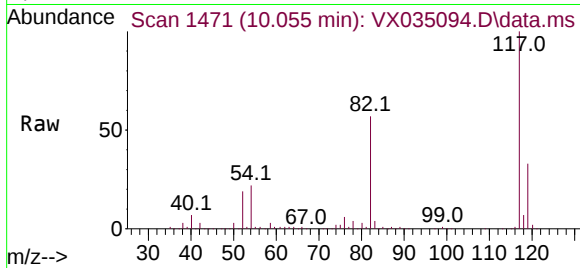




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

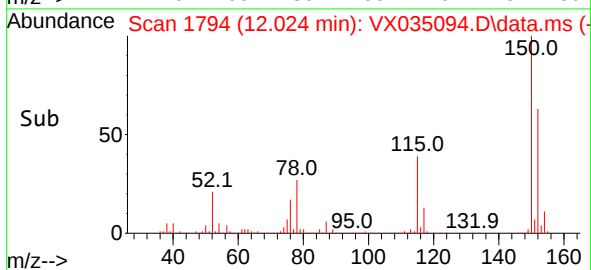
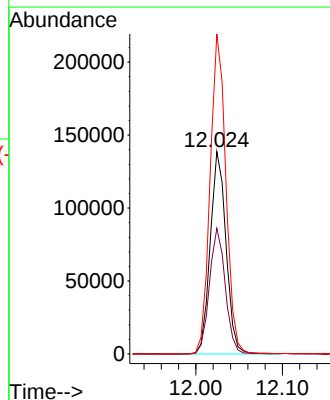
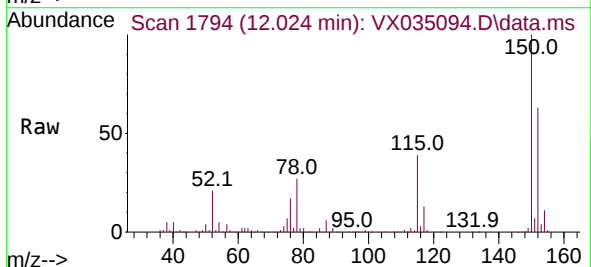
Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

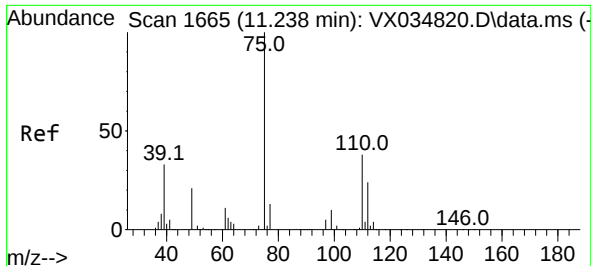
Tgt Ion:117 Resp: 401704
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion:152 Resp: 175766
Ion Ratio Lower Upper
152 100
115 62.3 45.0 135.0
150 157.7 0.0 352.4

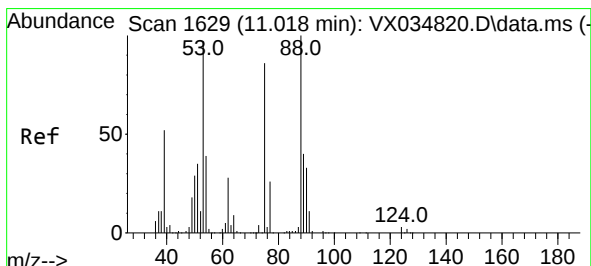
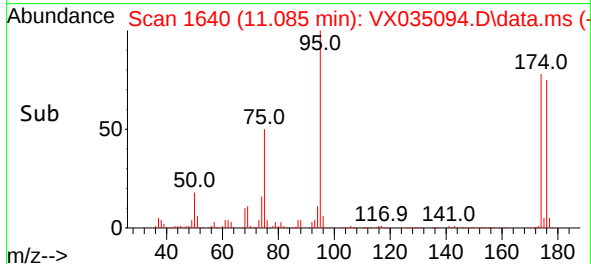
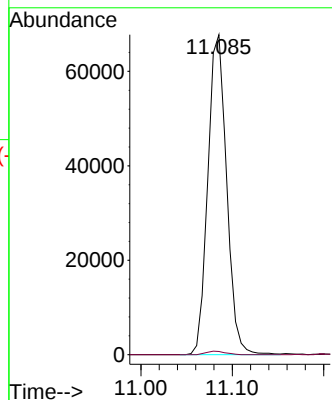
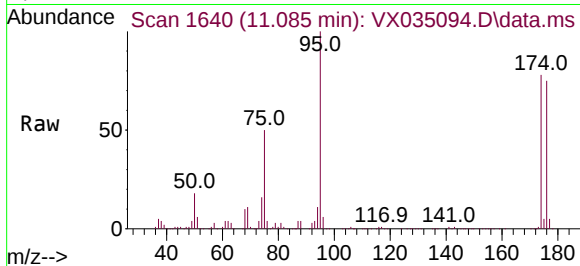




#76
1,2,3-Trichloropropane
Concen: 27.351 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Instrument :
MSVOA_X
ClientSampleId :
EO-01-041223

Tgt Ion: 75 Resp: 96865
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.969 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035094.D
Acq: 14 Apr 2023 19:27

Tgt Ion: 75 Resp: 96865
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

