

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016503.D
 Acq On : 27 Nov 2023 12:41
 Operator : SY/MD
 Sample : 05539-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-112223

Quant Time: Nov 28 10:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

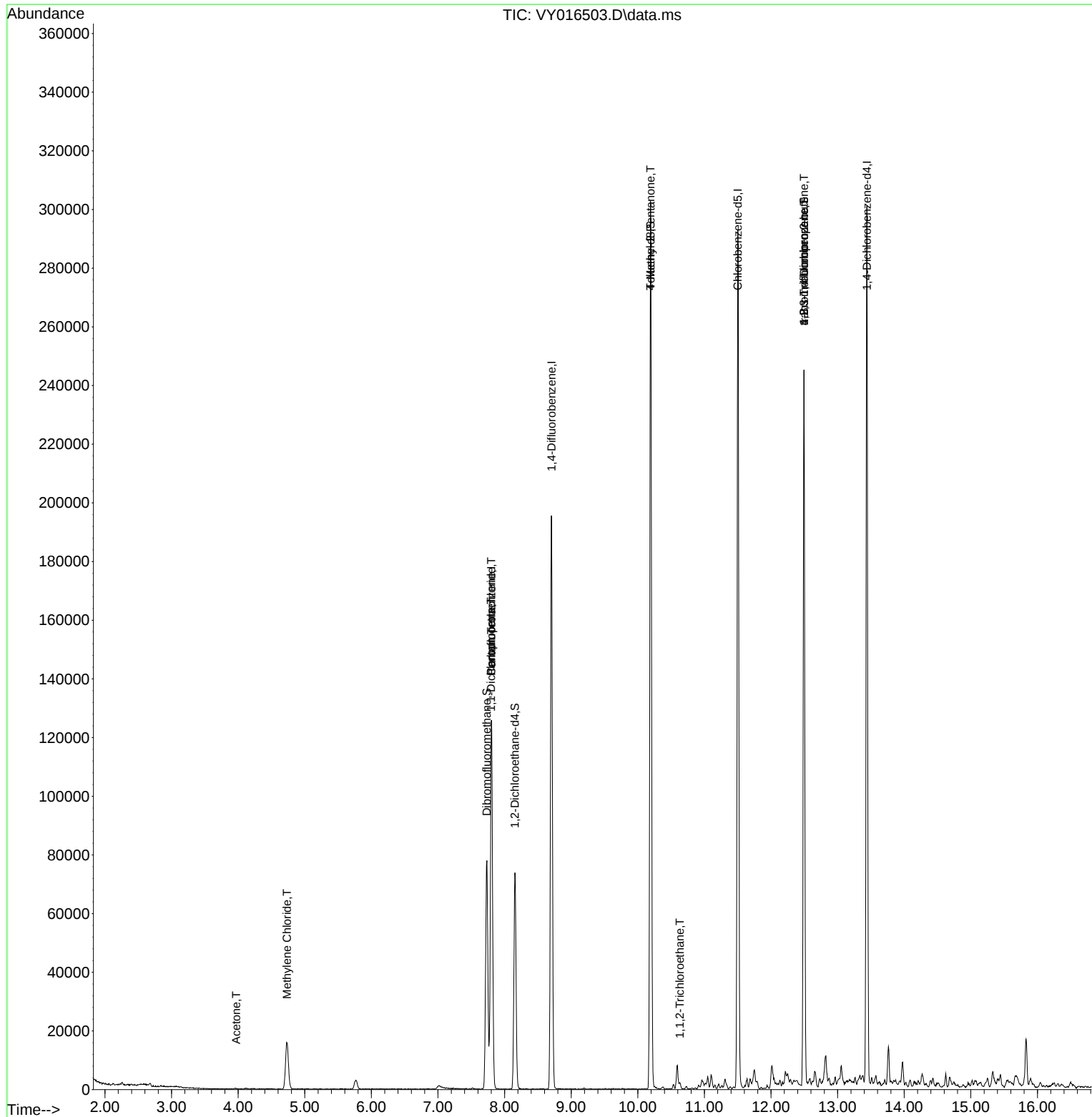
Internal Standards						
1) Pentafluorobenzene	7.801	168	104154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	177454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	173776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59955	62.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.960%			
35) Dibromofluoromethane	7.734	113	56652	56.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.400%			
50) Toluene-d8	10.191	98	208146	50.918	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.495	95	75065	56.539	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.080%			
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	398	2.528	ug/l #	46
20) Methylene Chloride	4.735	84	13889	9.679	ug/l #	72
36) 1,1-Dichloropropene	7.795	75	7080	4.045	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9744	5.364	ug/l #	16
51) 4-Methyl-2-Pentanone	10.191	43	696	1.007	ug/l #	1
55) 1,1,2-Trichloroethane	10.630	97	1084	1.229	ug/l #	14
76) 1,2,3-Trichloropropane	12.495	75	37056	47.776	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37056	103.702	ug/l #	11

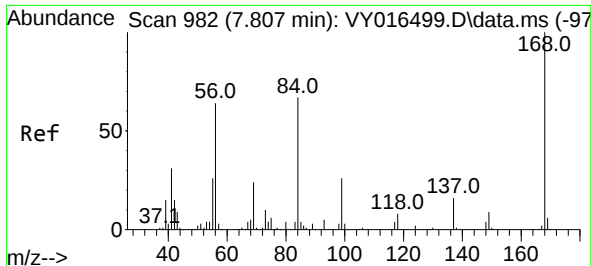
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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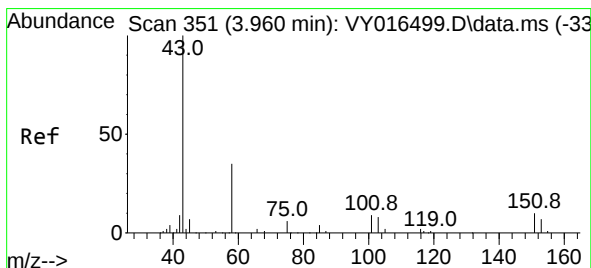
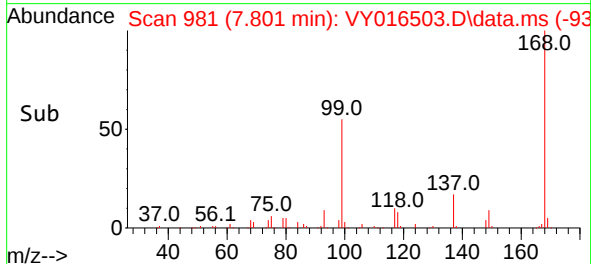
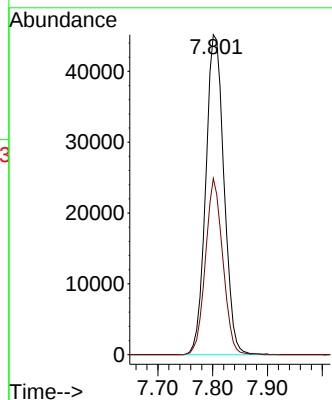
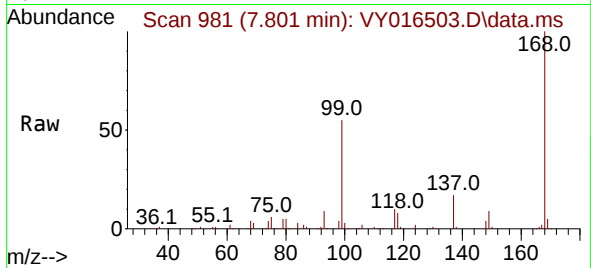




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

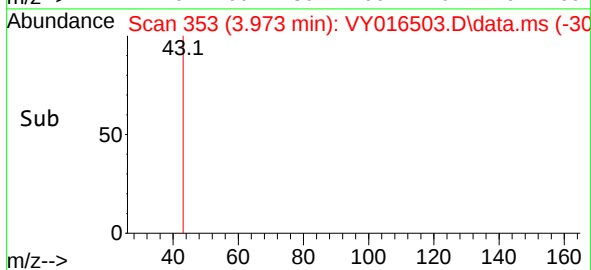
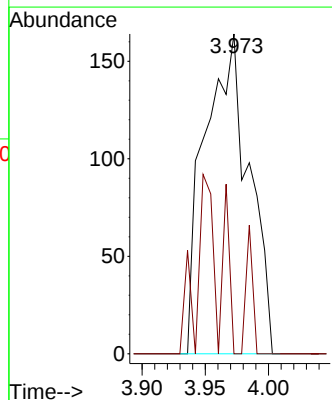
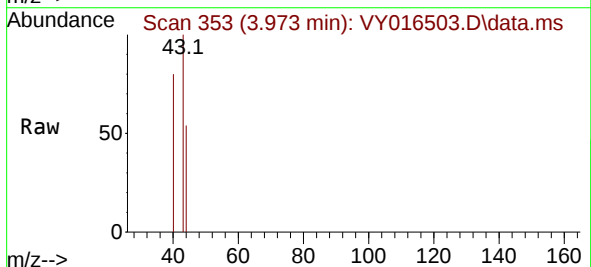
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-112223

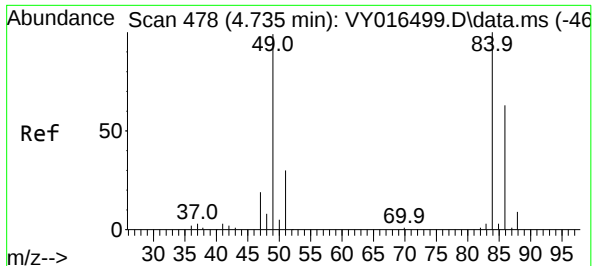
Tgt Ion:168 Resp: 104154
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#16
Acetone
Concen: 2.528 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





#20

Methylene Chloride

Concen: 9.679 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016503.D

Acq: 27 Nov 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-112223

Tgt Ion: 84 Resp: 13889

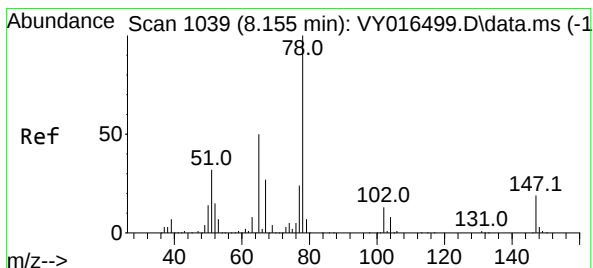
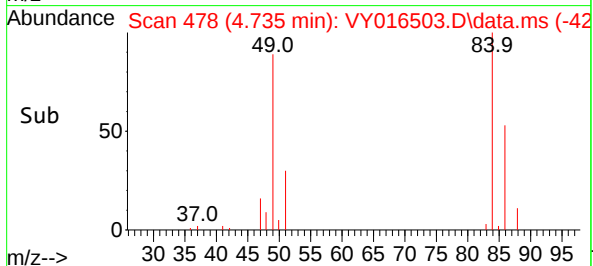
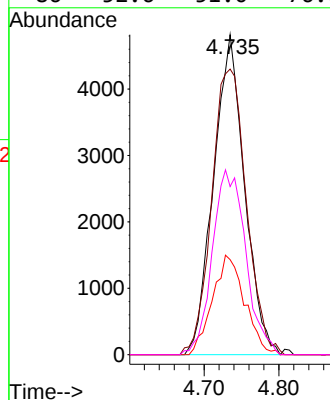
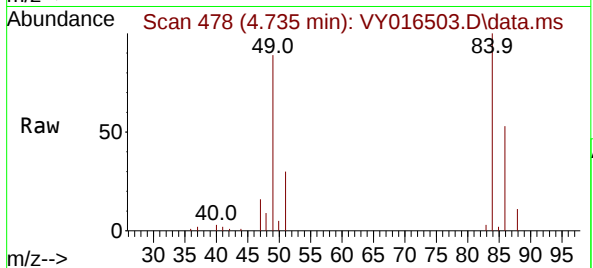
Ion Ratio Lower Upper

84 100

49 89.2 106.9 160.3#

51 29.7 33.2 49.8#

86 52.6 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 62.983 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016503.D

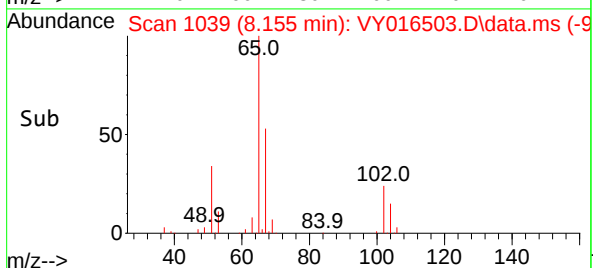
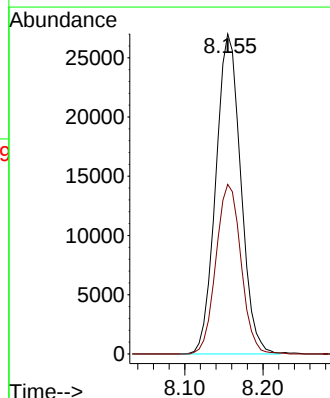
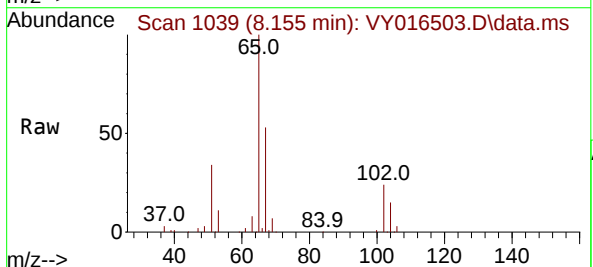
Acq: 27 Nov 2023 12:41

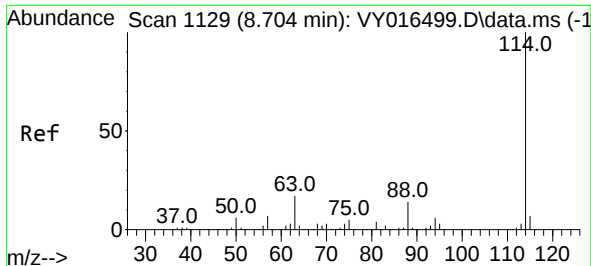
Tgt Ion: 65 Resp: 59955

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016503.D

Acq: 27 Nov 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-112223

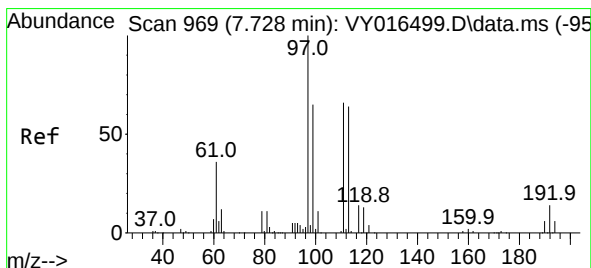
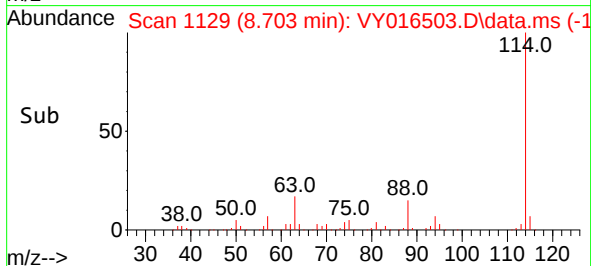
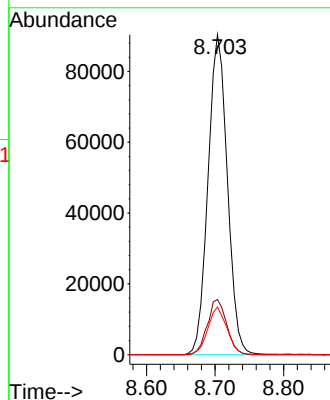
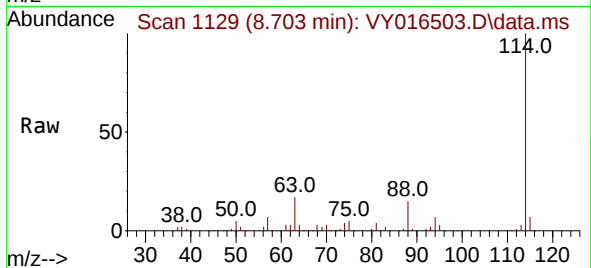
Tgt Ion:114 Resp: 177454

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.200 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016503.D

Acq: 27 Nov 2023 12:41

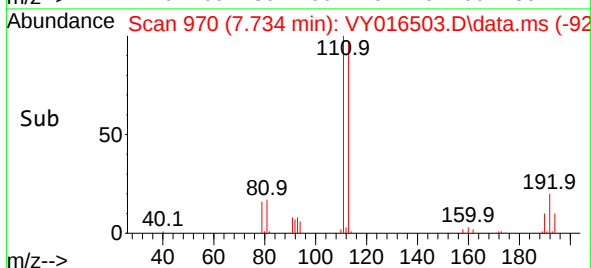
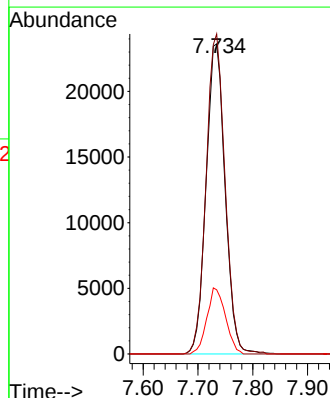
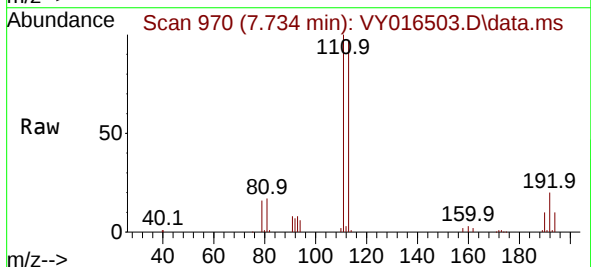
Tgt Ion:113 Resp: 56652

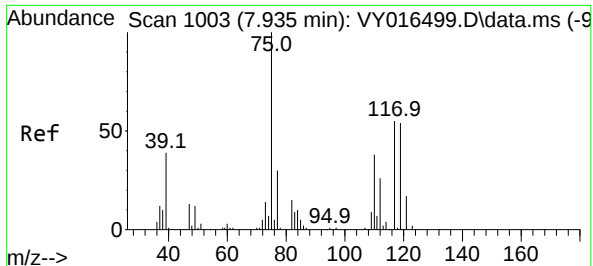
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.045 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY016503.D

Acq: 27 Nov 2023 12:41

Instrument :

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ClientSampleId :

EO-03-112223

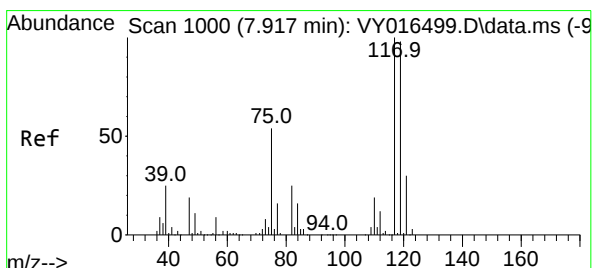
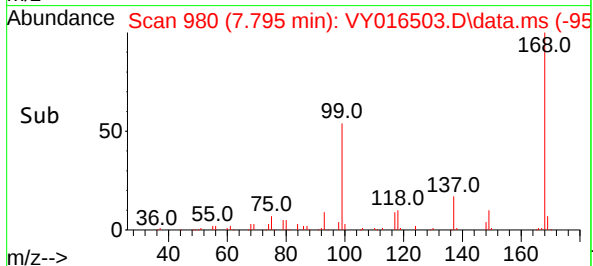
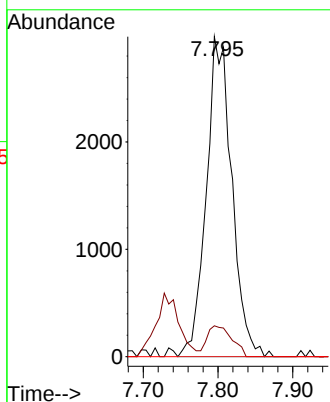
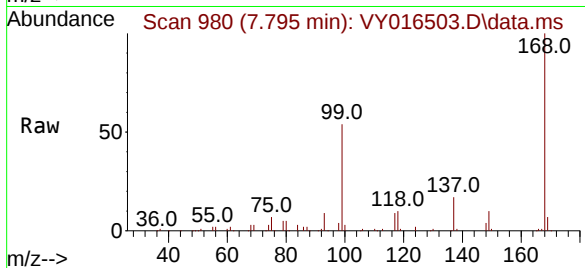
Tgt Ion: 75 Resp: 7080

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.364 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016503.D

Acq: 27 Nov 2023 12:41

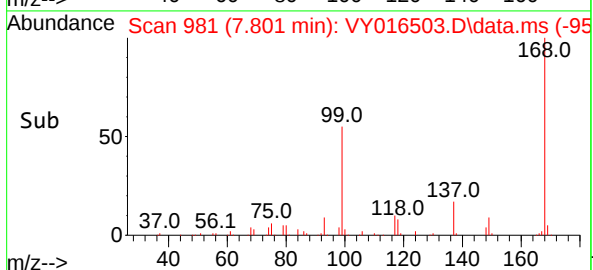
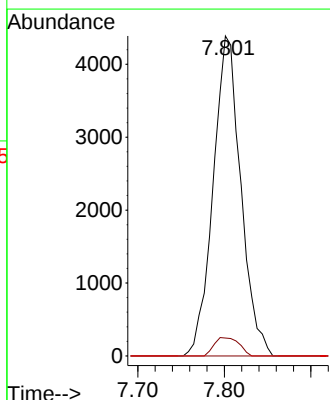
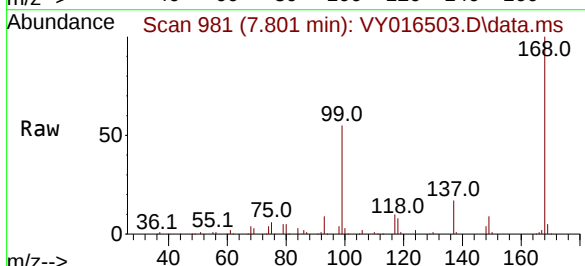
Tgt Ion: 117 Resp: 9744

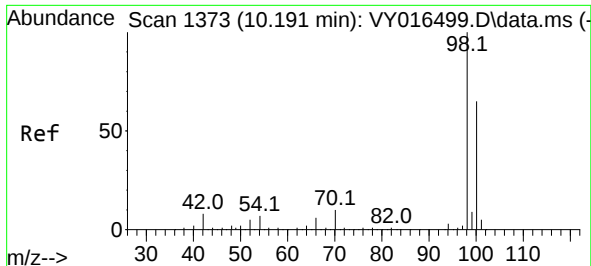
Ion Ratio Lower Upper

117 100

119 5.6 76.4 114.6#

121 0.0 25.8 38.6#

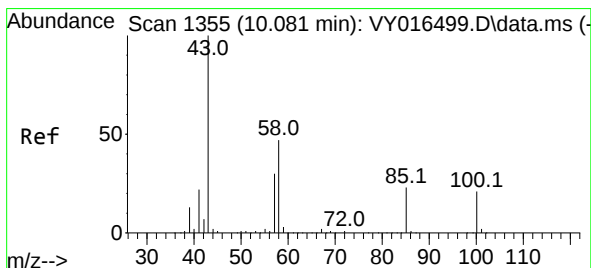
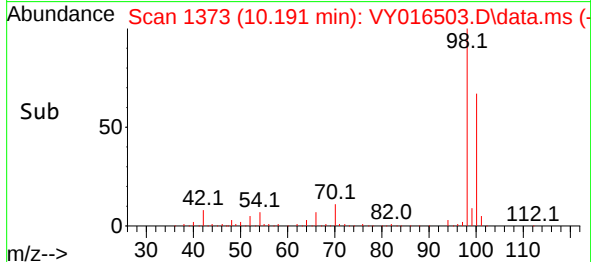
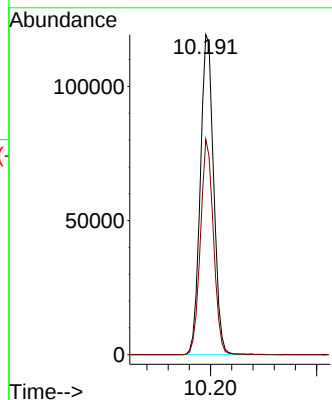
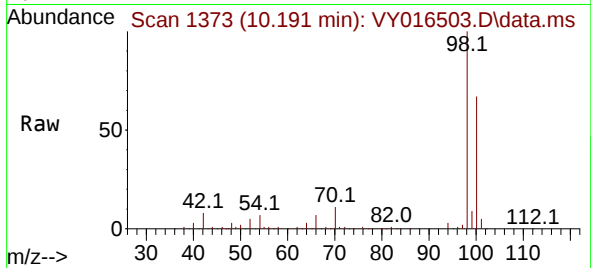




#50
Toluene-d8
Concen: 50.918 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

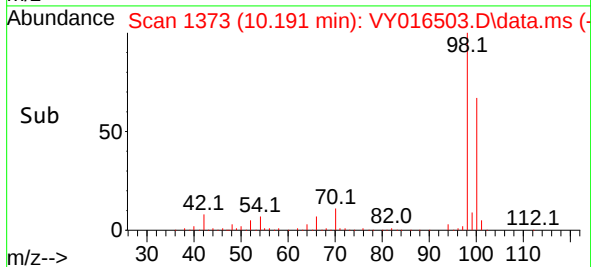
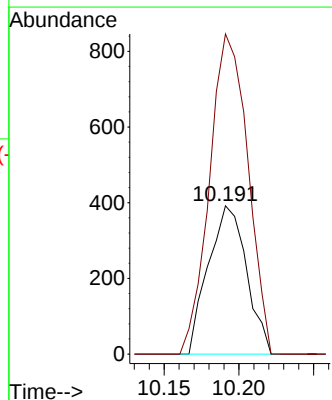
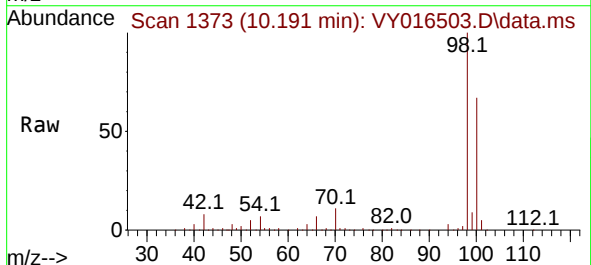
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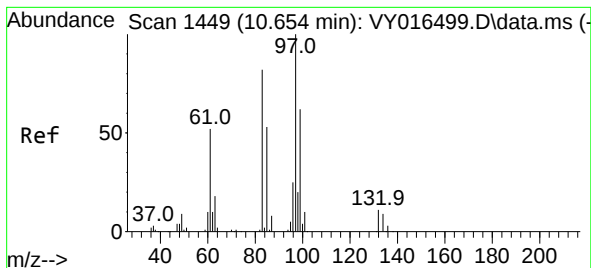
Tgt Ion: 98 Resp: 208146
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.007 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.110 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
58 216.7 29.0 43.6#

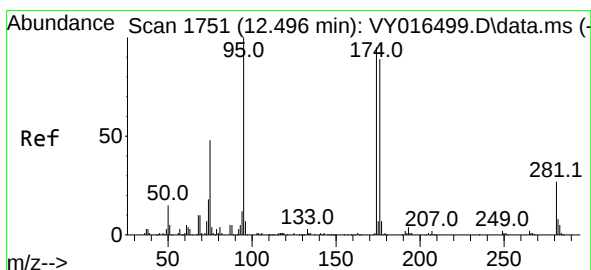
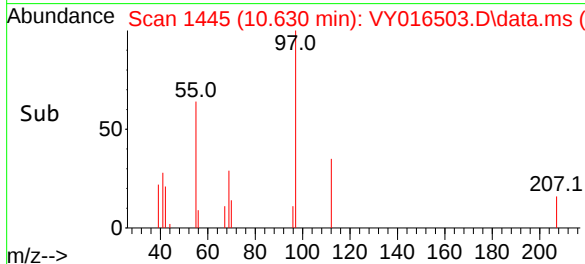
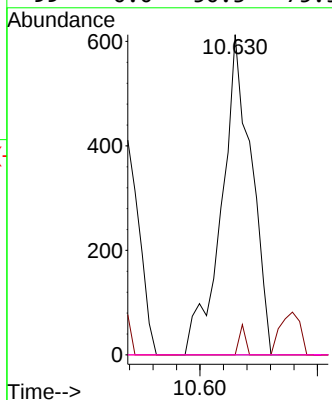
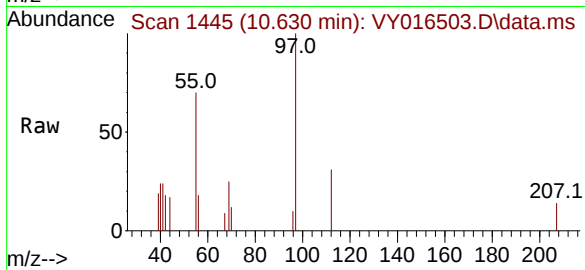




#55
 1,1,2-Trichloroethane
 Concen: 1.229 ug/l
 RT: 10.630 min Scan# 1445
 Delta R.T. -0.024 min
 Lab File: VY016503.D
 Acq: 27 Nov 2023 12:41

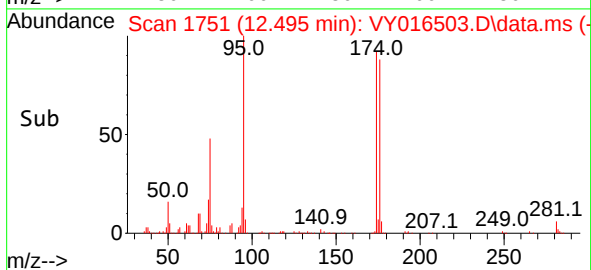
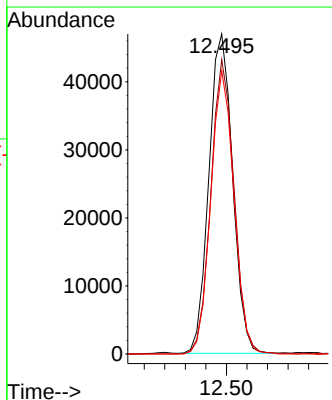
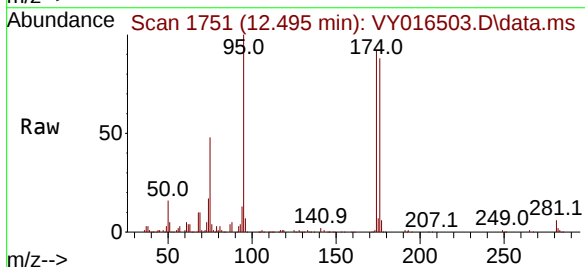
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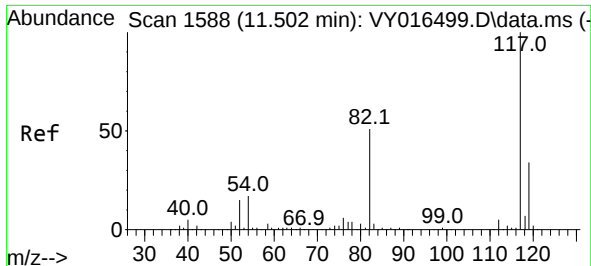
Tgt Ion:	97	Resp:	1084
Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.0	108.0#
85	0.0	45.4	68.0#
99	0.0	50.3	75.5#



#62
 4-Bromofluorobenzene
 Concen: 56.539 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. 0.006 min
 Lab File: VY016503.D
 Acq: 27 Nov 2023 12:41

Tgt Ion:	95	Resp:	75065
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	178.2
176	86.7	0.0	173.8

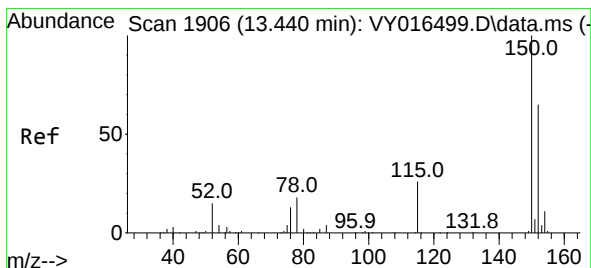
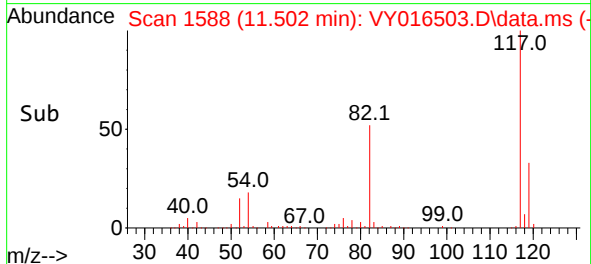
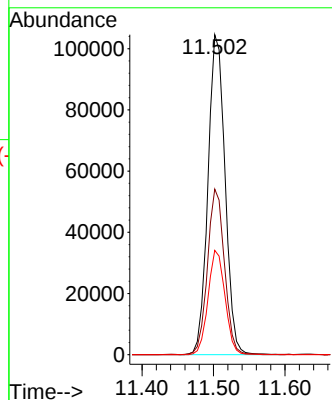
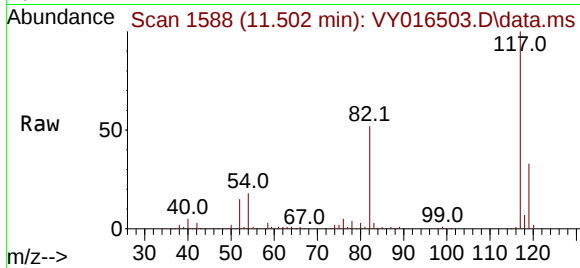




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

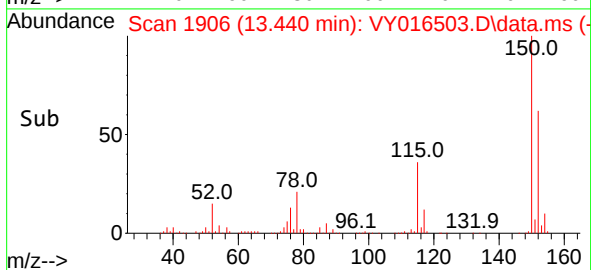
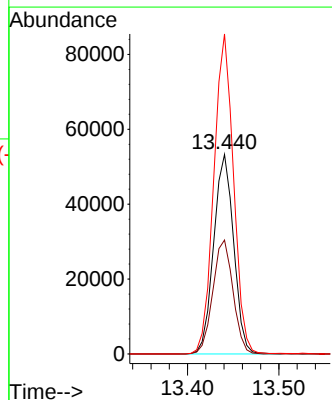
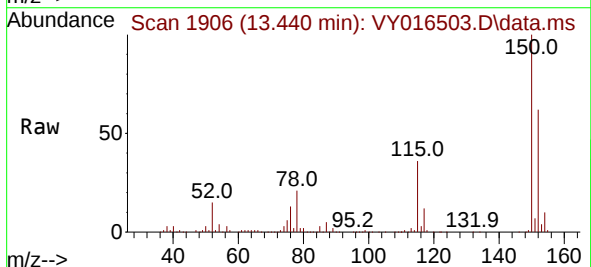
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-112223

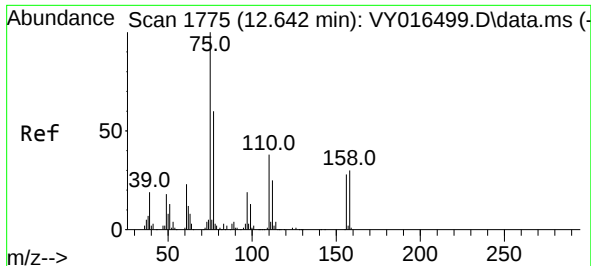
Tgt Ion:117 Resp: 173776
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

Tgt Ion:152 Resp: 80853
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 158.0 0.0 348.8

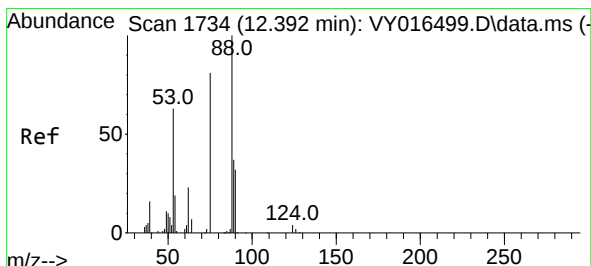
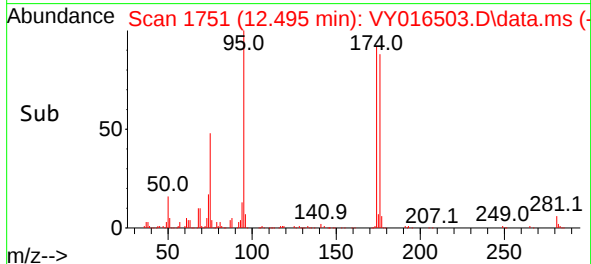
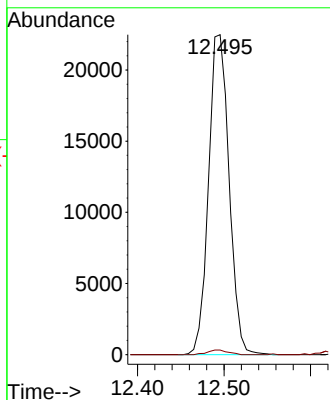
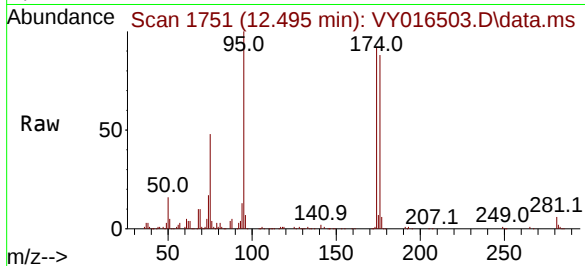




#76
1,2,3-Trichloropropane
Concen: 47.776 ug/l
RT: 12.495 min Scan# 1775
Delta R.T. -0.146 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-112223

Tgt Ion: 75 Resp: 37056
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.702 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016503.D
Acq: 27 Nov 2023 12:41

Tgt Ion: 75 Resp: 37056
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

