

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016487.D
 Acq On : 24 Nov 2023 16:15
 Operator : SY/MD
 Sample : 05519-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:47:23 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)

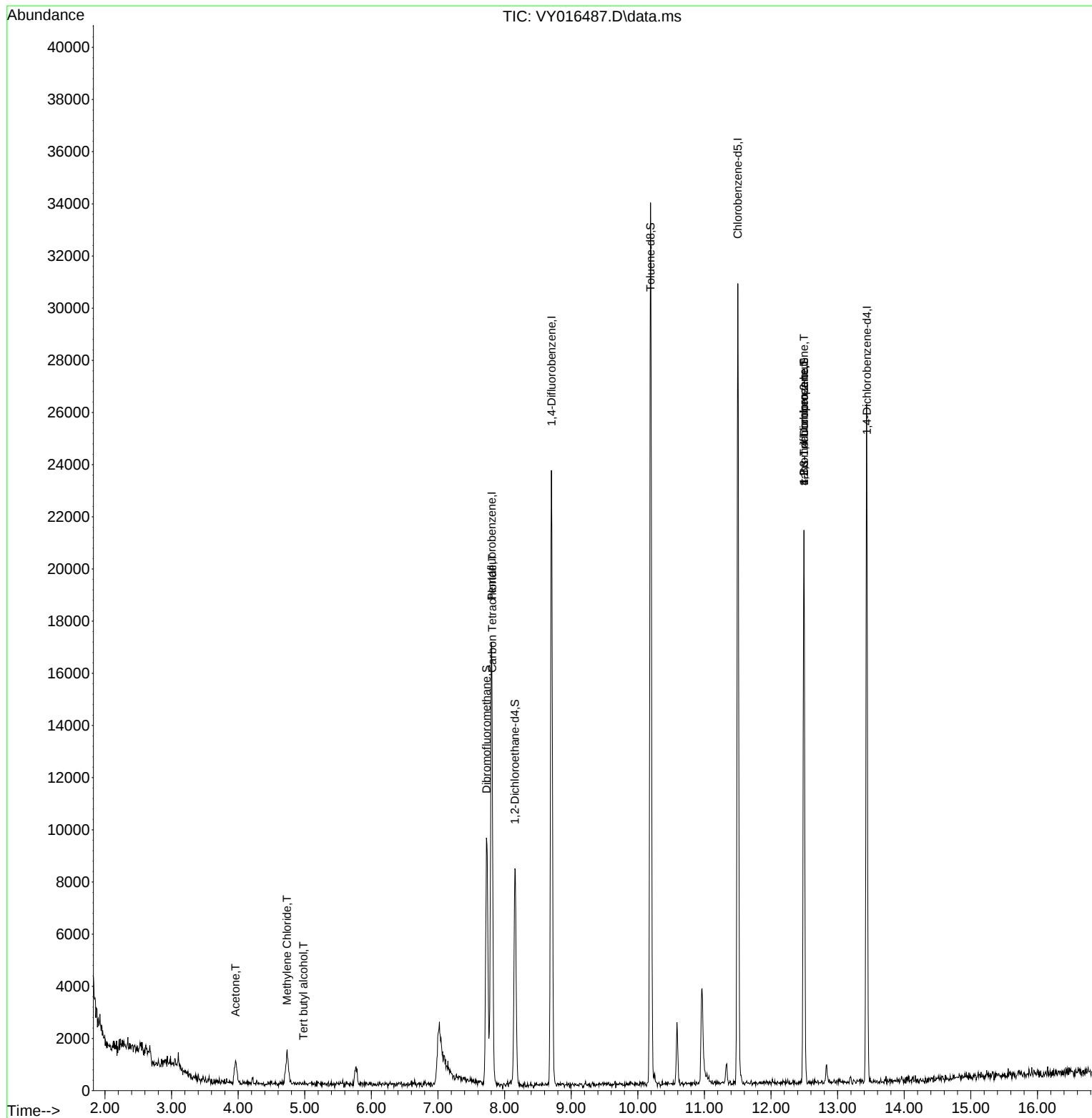
Internal Standards						
1) Pentafluorobenzene	7.807	168	14360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	22157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	17967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	7304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6850	52.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.380%	
35) Dibromofluoromethane	7.728	113	7178	57.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.191	98	24272	47.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.495	95	6445	38.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	26	2.530	ug/l #	89
16) Acetone	3.960	43	1663	76.602	ug/l	94
20) Methylene Chloride	4.735	84	1085	3.863	ug/l #	79
38) Carbon Tetrachloride	7.813	117	1345	5.930	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	3215	45.885	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	3215	99.597	ug/l #	10

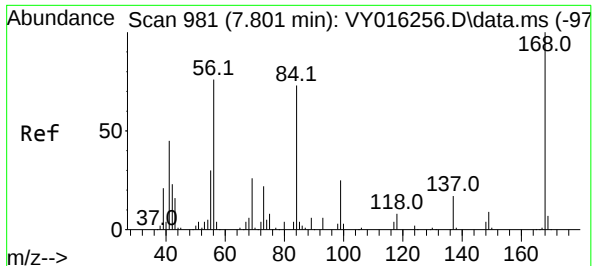
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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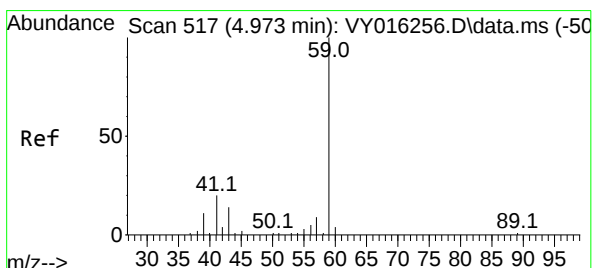
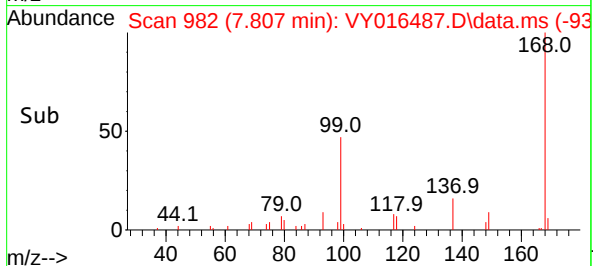
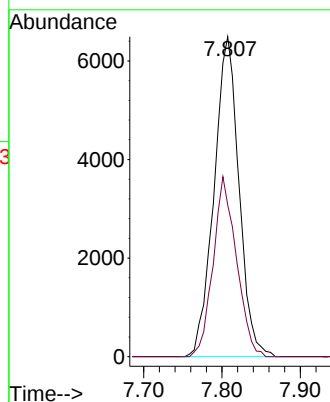
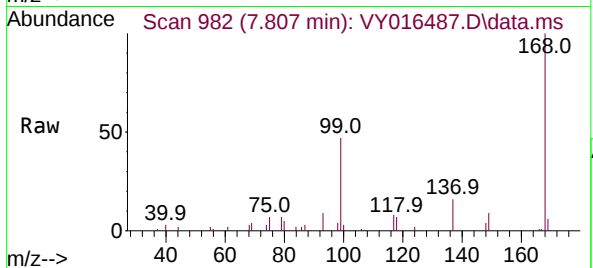




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

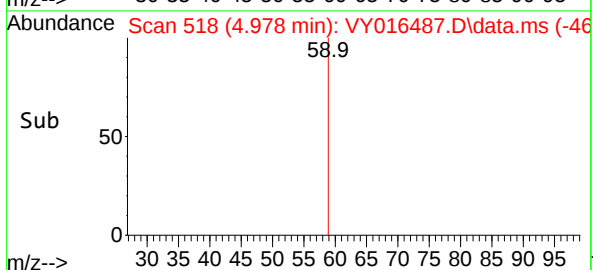
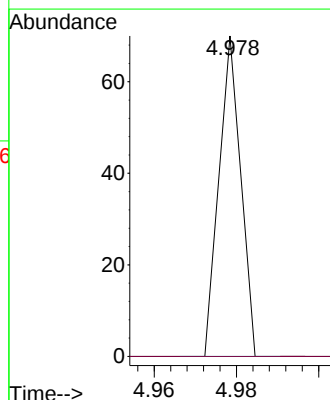
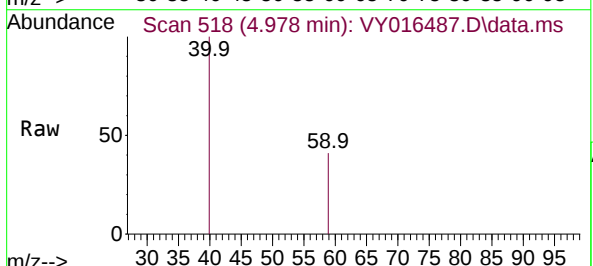
Instrument :
MSVOA_Y
ClientSampleId :

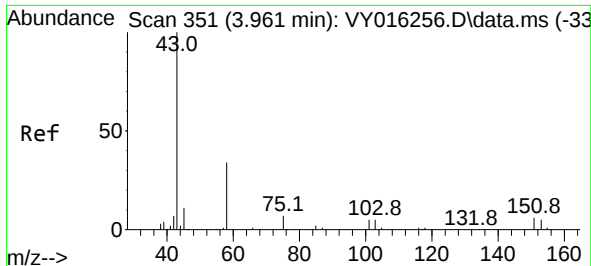
Tgt Ion:168 Resp: 14360
Ion Ratio Lower Upper
168 100
99 47.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.530 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

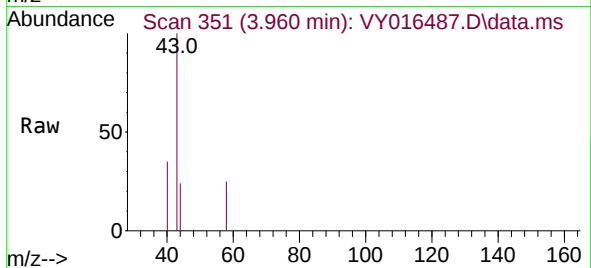
Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



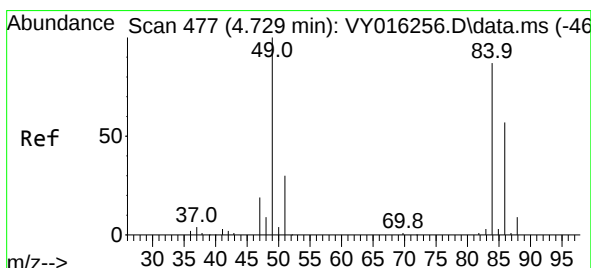
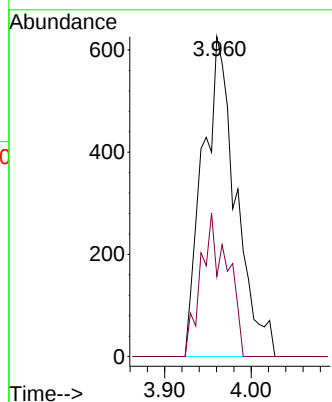
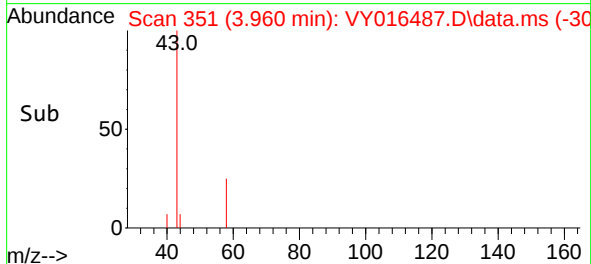


#16
Acetone
Concen: 76.602 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :

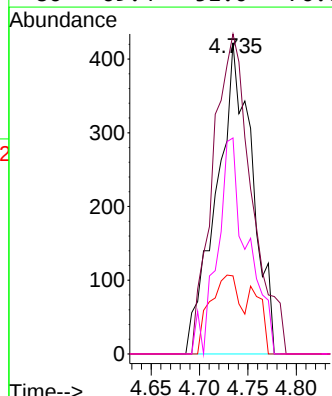
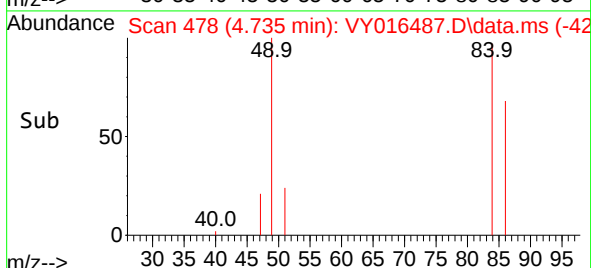
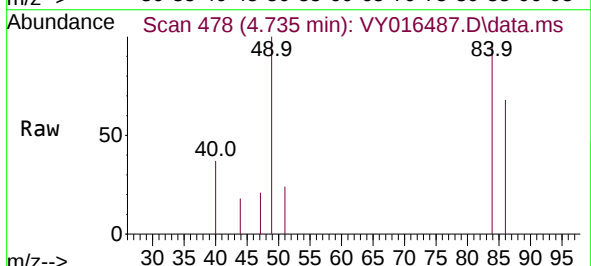


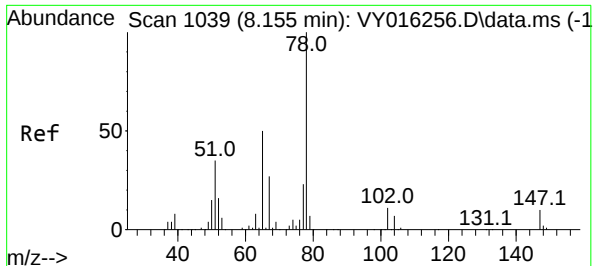
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 25.1 22.7 34.1



#20
Methylene Chloride
Concen: 3.863 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Tgt Ion: 84 Resp: 1085
Ion Ratio Lower Upper
84 100
49 102.8 106.9 160.3#
51 25.1 33.2 49.8#
86 69.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.193 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016487.D

Acq: 24 Nov 2023 16:15

Instrument :

MSVOA_Y

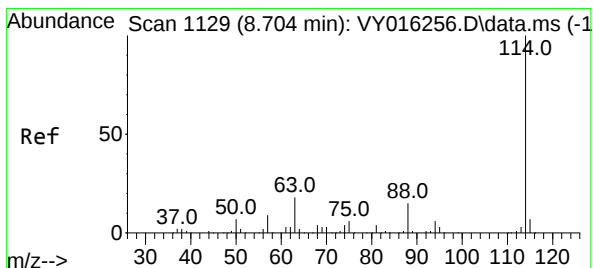
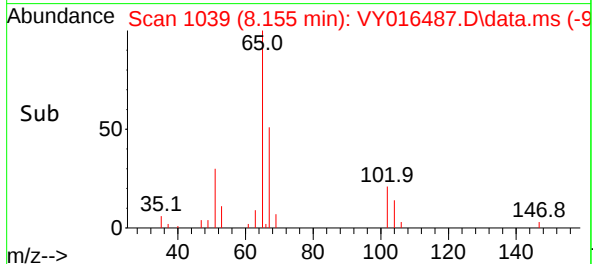
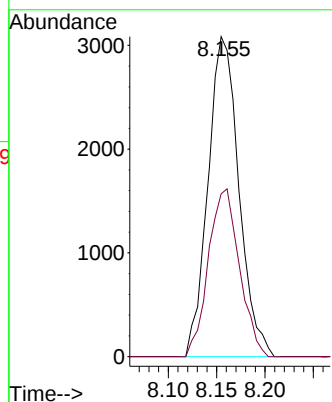
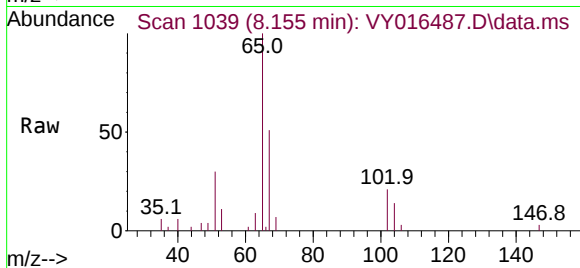
ClientSampleId :

Tgt Ion: 65 Resp: 6850

Ion Ratio Lower Upper

65 100

67 52.7 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: VY016487.D

Acq: 24 Nov 2023 16:15

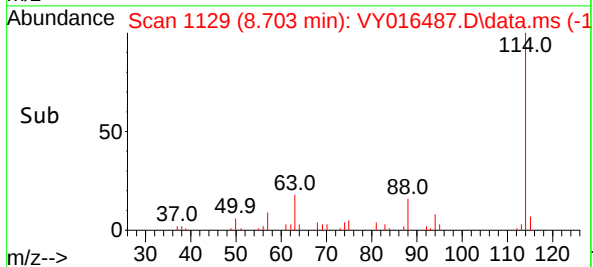
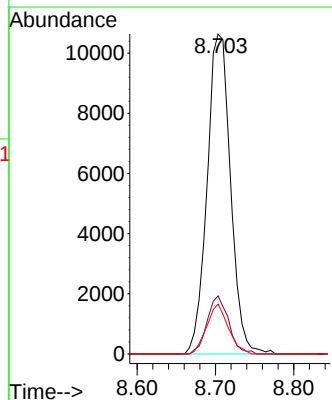
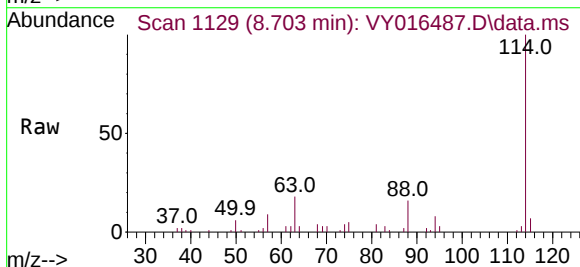
Tgt Ion: 114 Resp: 22157

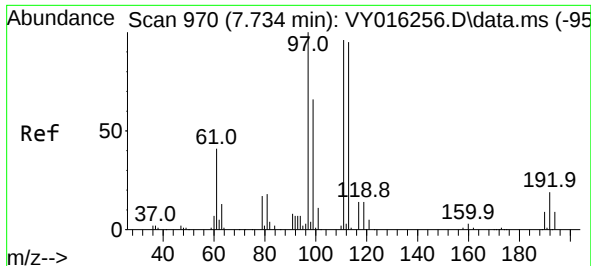
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

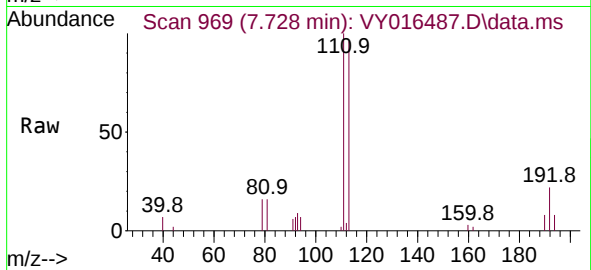
88 15.6 0.0 30.6



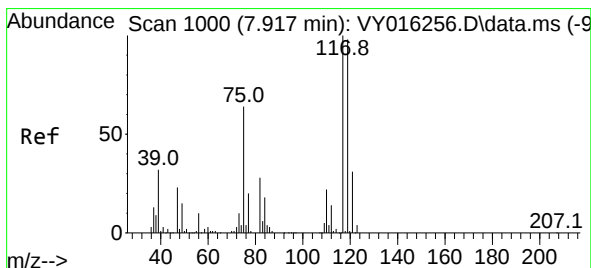
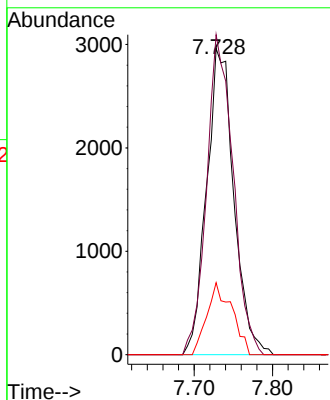
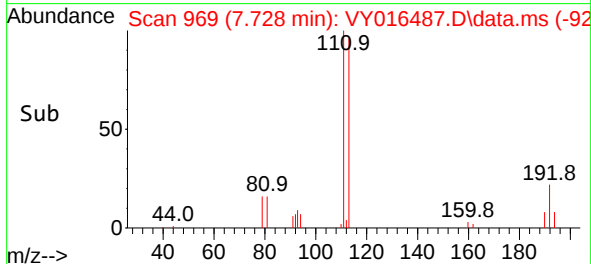


#35
Dibromofluoromethane
Concen: 57.029 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

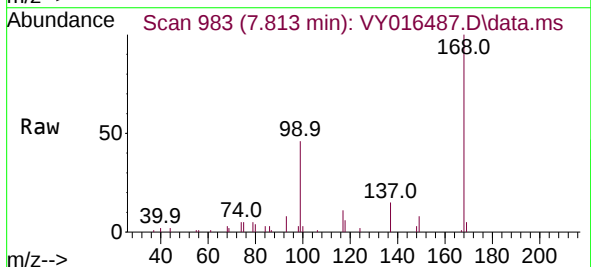
Instrument :
MSVOA_Y
ClientSampleId :



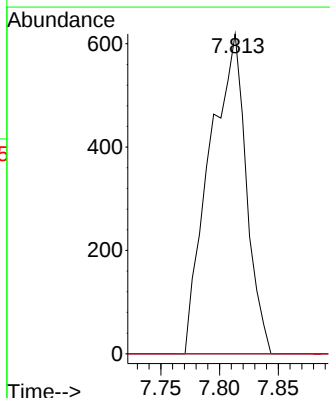
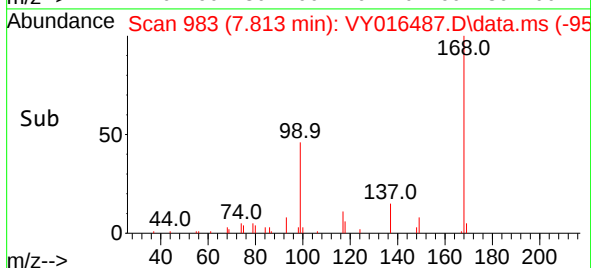
Tgt Ion:113 Resp: 7178
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 21.4 16.9 25.3

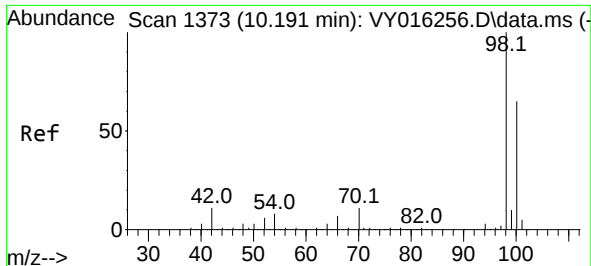


#38
Carbon Tetrachloride
Concen: 5.930 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15



Tgt Ion:117 Resp: 1345
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#

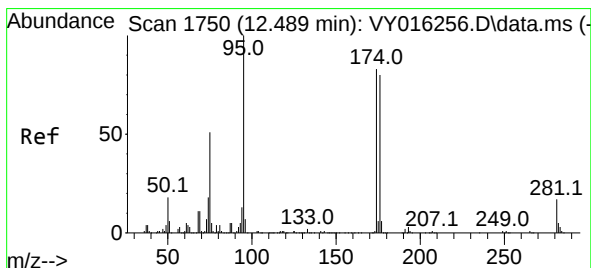
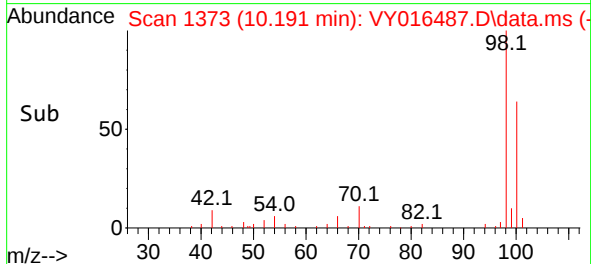
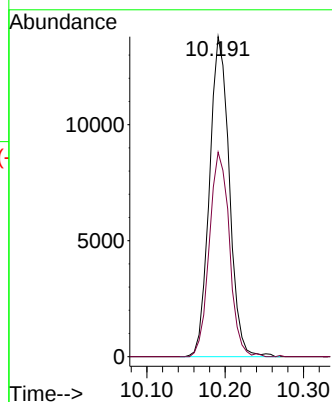
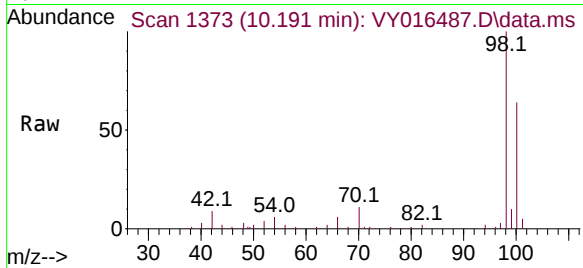




#50
Toluene-d8
Concen: 47.554 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

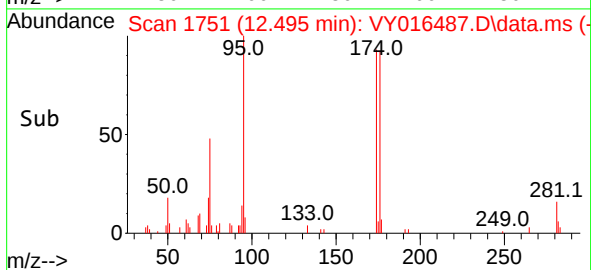
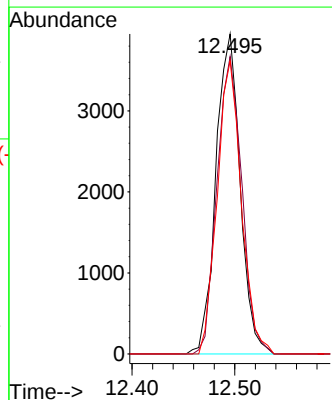
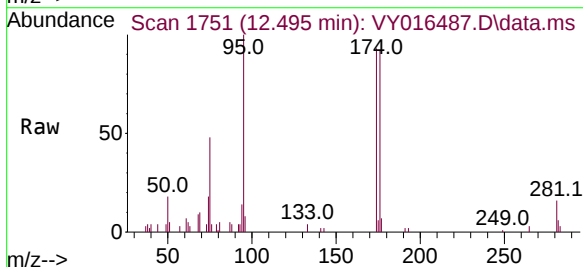
Instrument :
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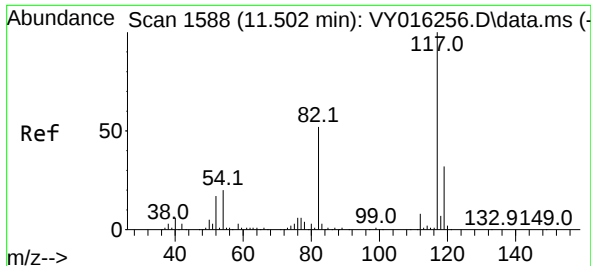
Tgt Ion: 98 Resp: 24272
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.878 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Tgt Ion: 95 Resp: 6445
Ion Ratio Lower Upper
95 100
174 95.3 0.0 178.2
176 91.5 0.0 173.8

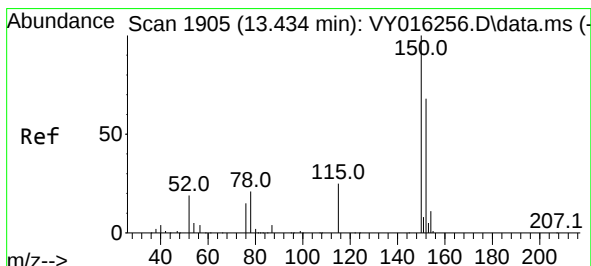
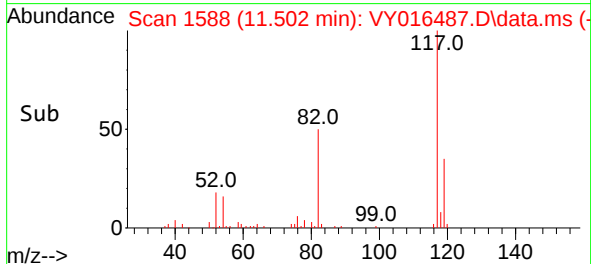
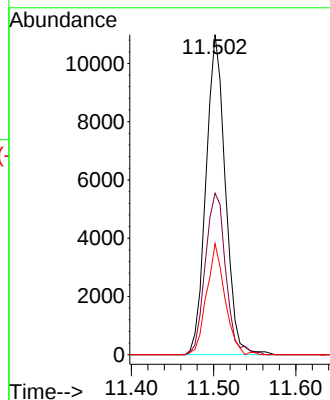
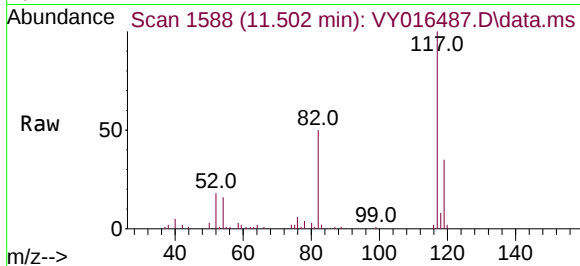




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

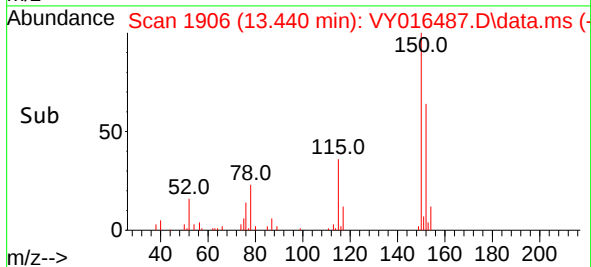
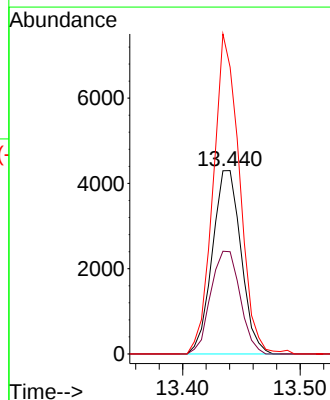
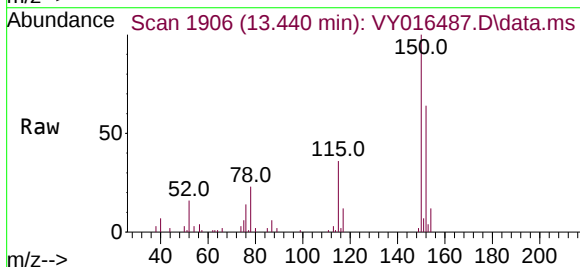
Instrument :
MSVOA_Y
ClientSampleId :

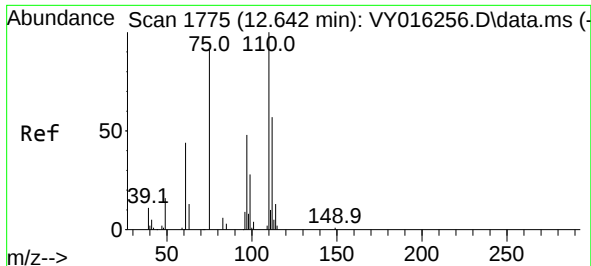
Tgt Ion:117 Resp: 17967
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 34.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Tgt Ion:152 Resp: 7304
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 159.8 0.0 348.8

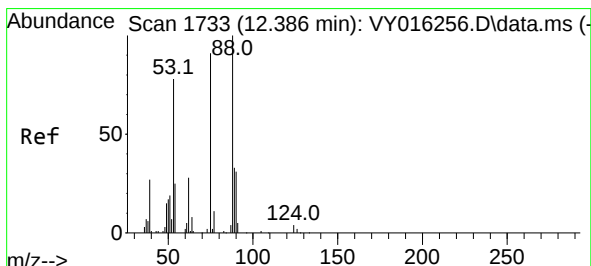
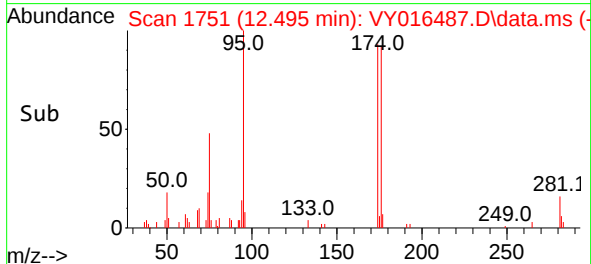
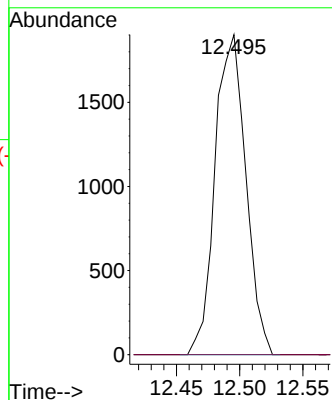
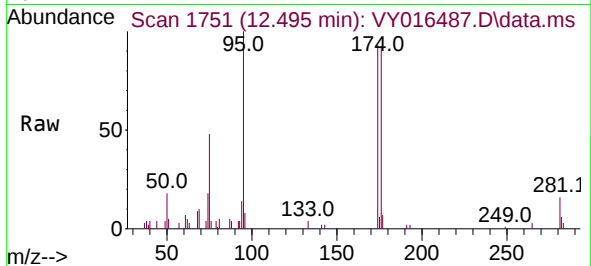




#76
1,2,3-Trichloropropane
Concen: 45.885 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3215
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.597 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Tgt Ion: 75 Resp: 3215
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

