

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016475.D
 Acq On : 24 Nov 2023 10:42
 Operator : SY/MD
 Sample : VY1124SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:42:30 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)

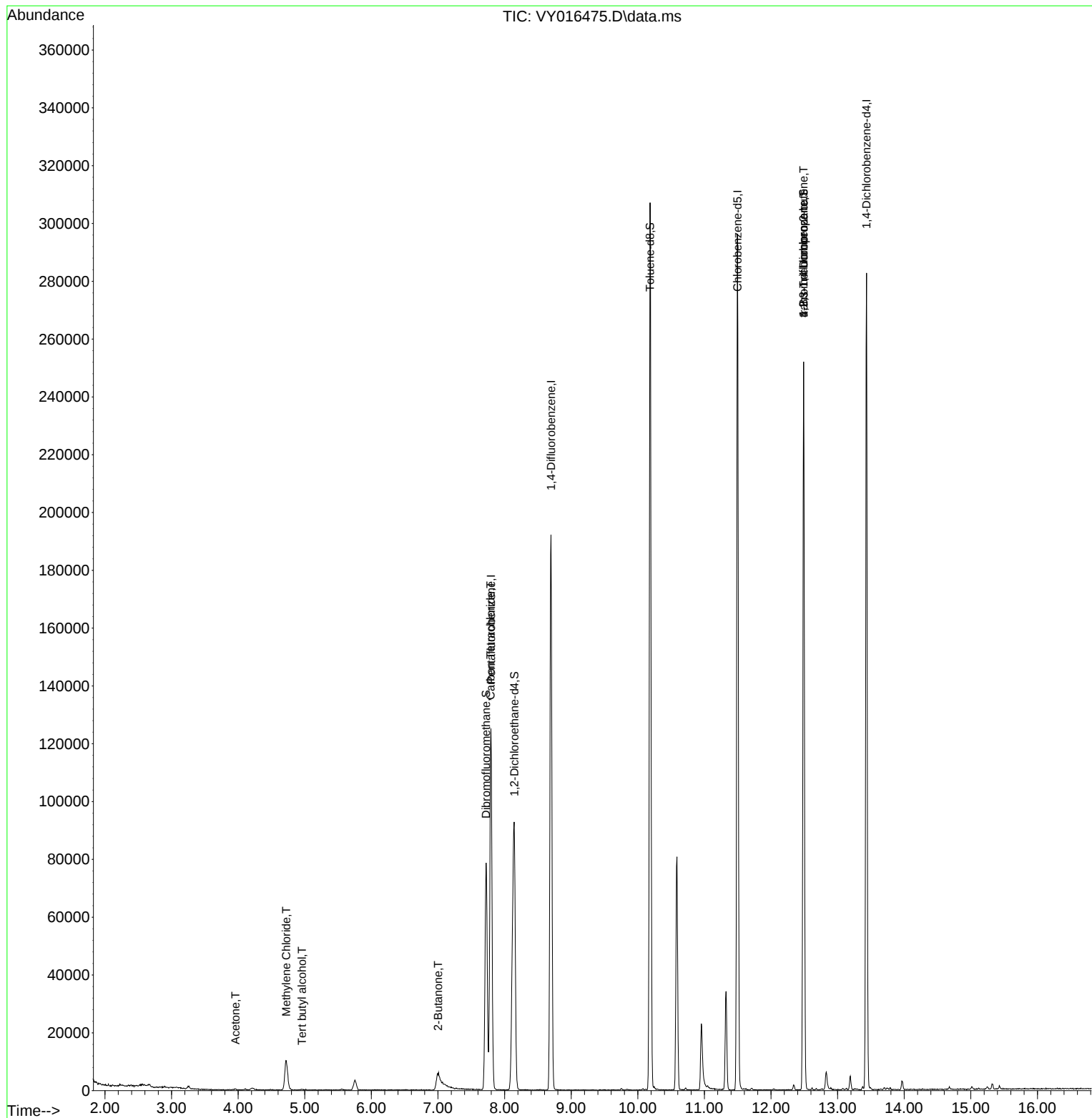
Internal Standards						
1) Pentafluorobenzene	7.795	168	102655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	173069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	58776	62.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.300%	
35) Dibromofluoromethane	7.722	113	56751	55.876	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.185	98	207314	50.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.489	95	71354	53.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	385	5.240	ug/l #	89
16) Acetone	3.960	43	459	2.958	ug/l #	46
20) Methylene Chloride	4.722	84	8595	4.685	ug/l #	80
25) 2-Butanone	7.002	43	334	1.229	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9640	5.267	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	35796	48.898	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35796	106.137	ug/l #	10

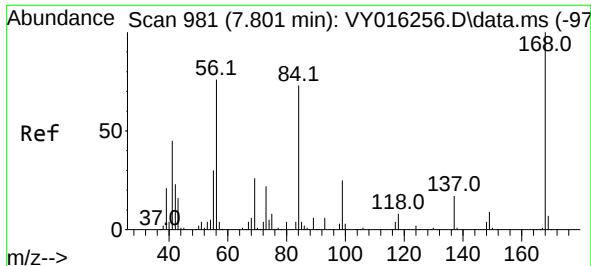
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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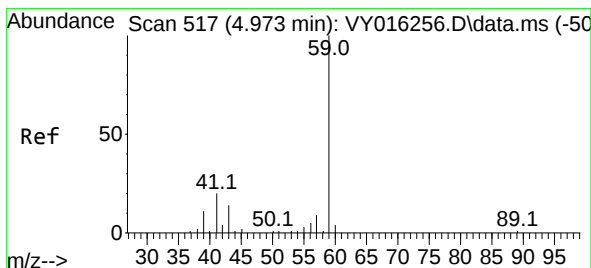
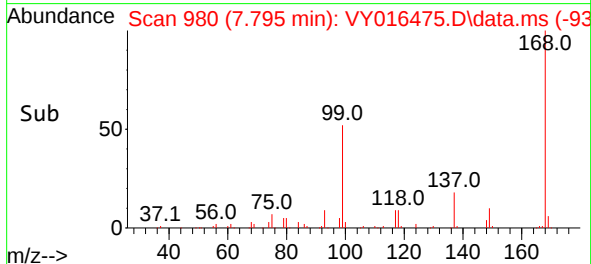
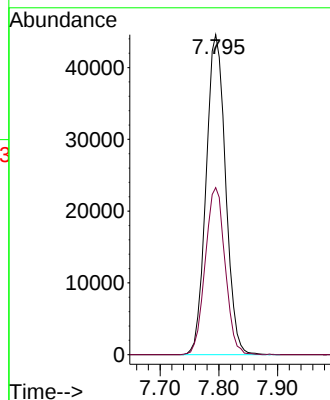
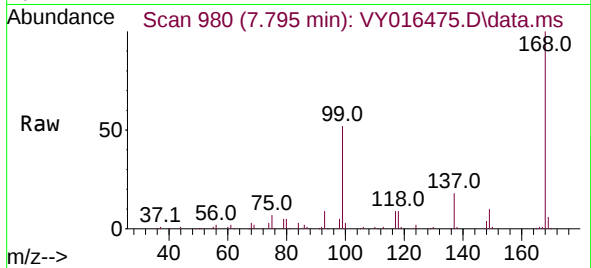




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

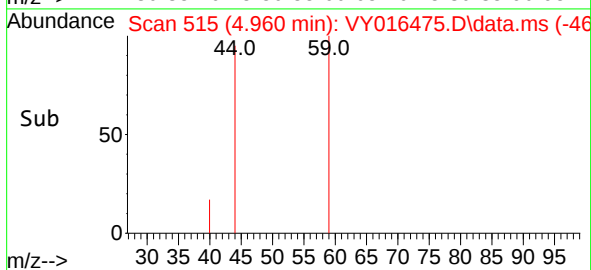
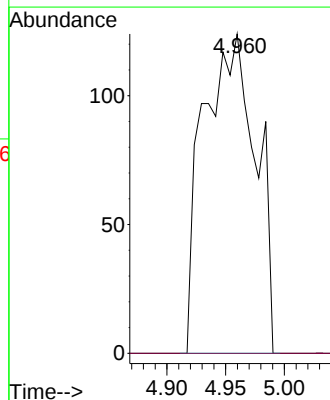
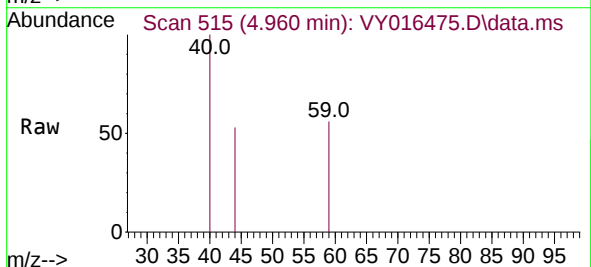
Instrument :
MSVOA_Y
ClientSampleId :

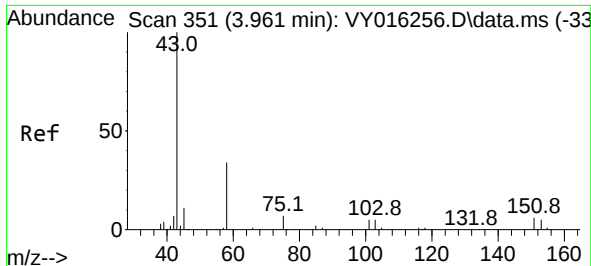
Tgt Ion:168 Resp: 102655
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.240 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

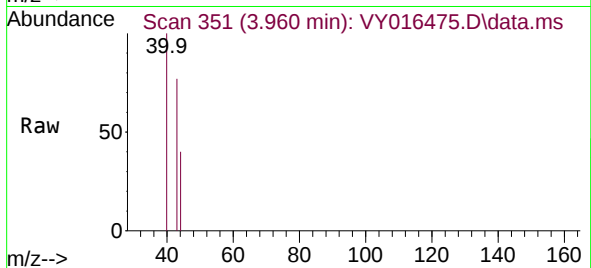
Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



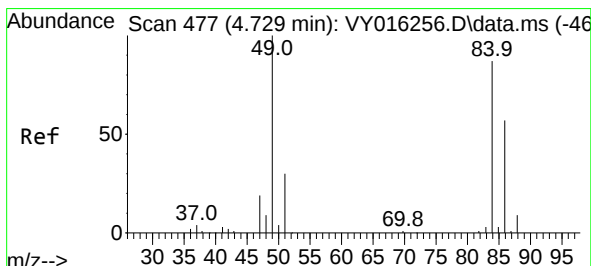
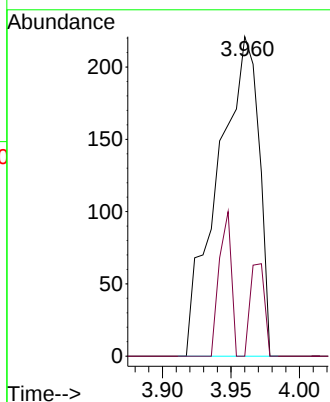
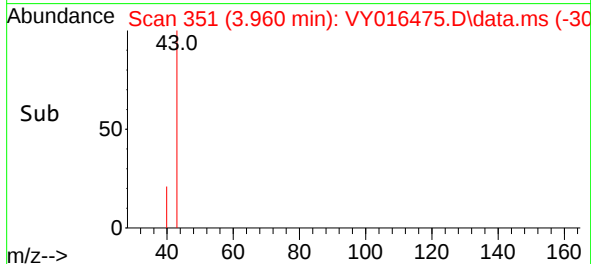


#16
Acetone
Concen: 2.958 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.001 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

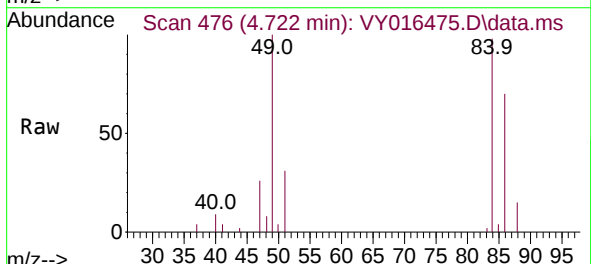
Instrument :
MSVOA_Y
ClientSampleId :



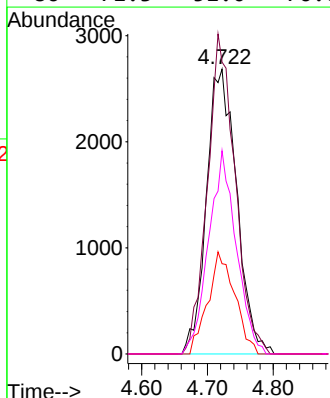
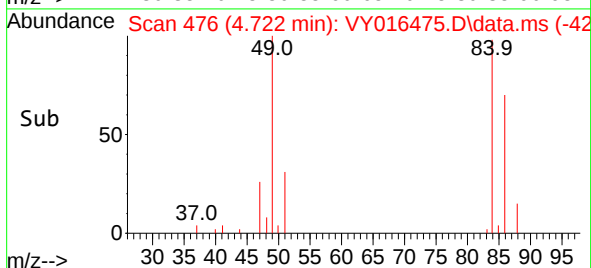
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

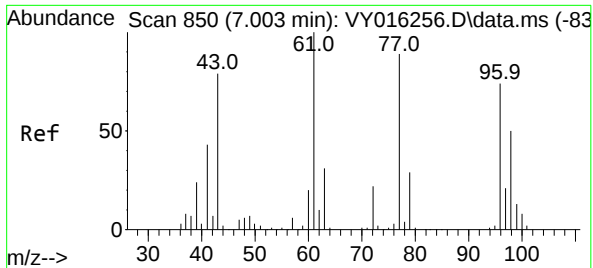


#20
Methylene Chloride
Concen: 4.685 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42



Tgt Ion: 84 Resp: 8595
Ion Ratio Lower Upper
84 100
49 102.5 106.9 160.3#
51 31.7 33.2 49.8#
86 71.3 51.0 76.6





#25

2-Butanone

Concen: 1.229 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016475.D

Acq: 24 Nov 2023 10:42

Instrument :

MSVOA_Y

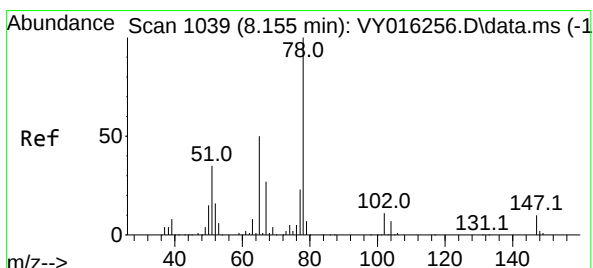
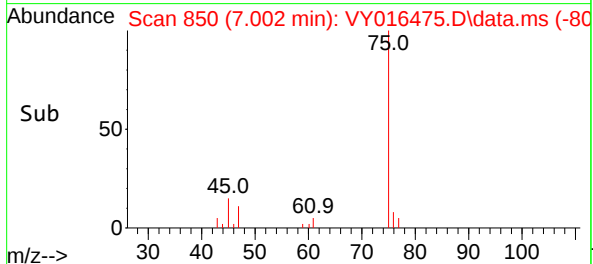
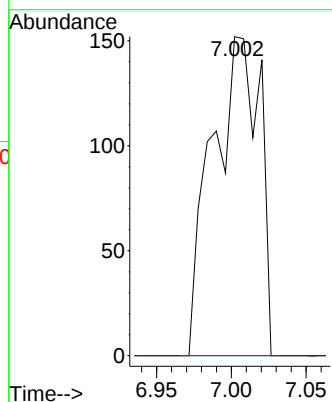
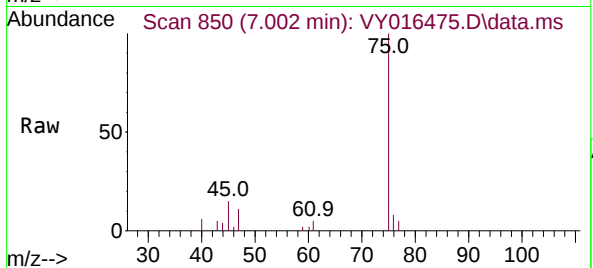
ClientSampleId :

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#33

1,2-Dichloroethane-d4

Concen: 62.646 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.007 min

Lab File: VY016475.D

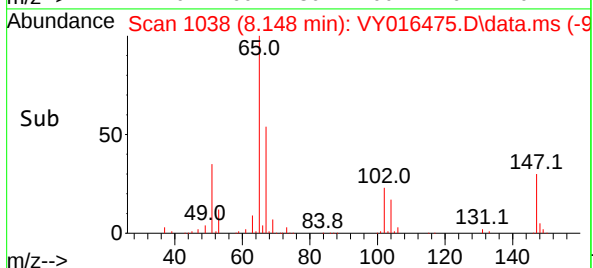
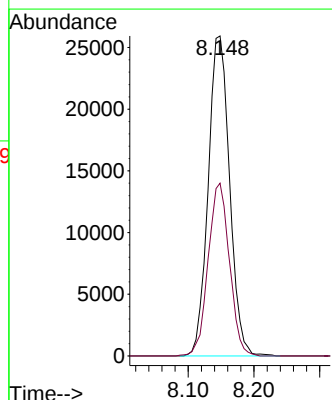
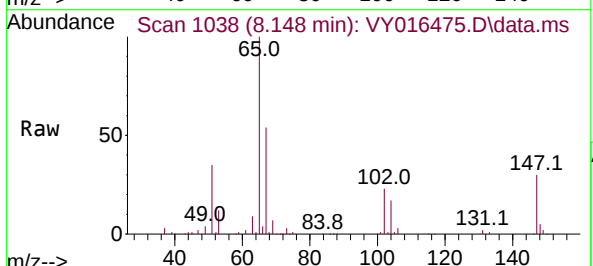
Acq: 24 Nov 2023 10:42

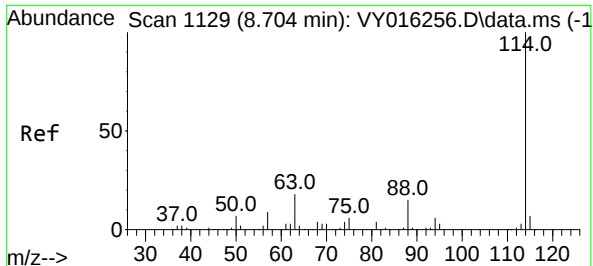
Tgt Ion: 65 Resp: 58776

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VY016475.D

Acq: 24 Nov 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

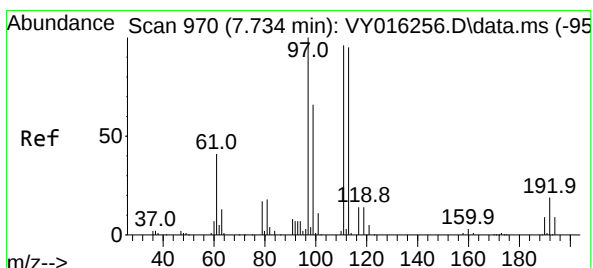
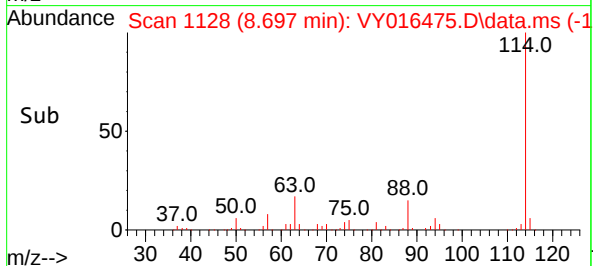
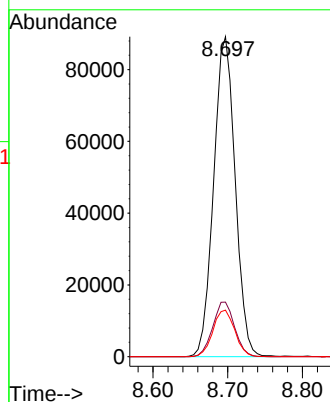
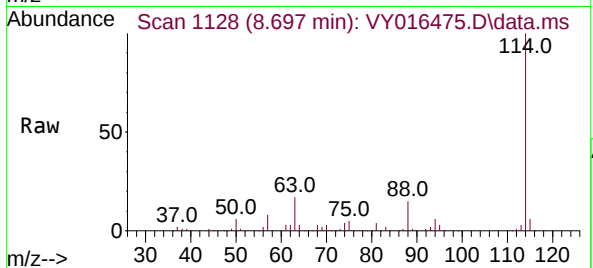
Tgt Ion:114 Resp: 178793

Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.876 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.013 min

Lab File: VY016475.D

Acq: 24 Nov 2023 10:42

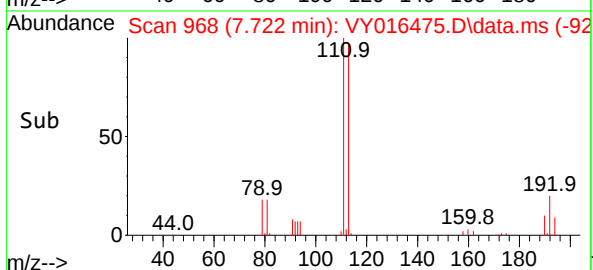
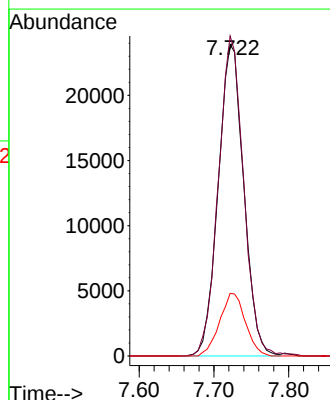
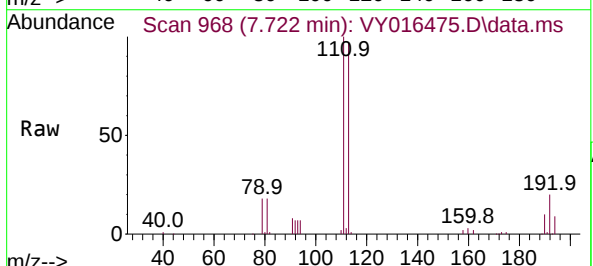
Tgt Ion:113 Resp: 56751

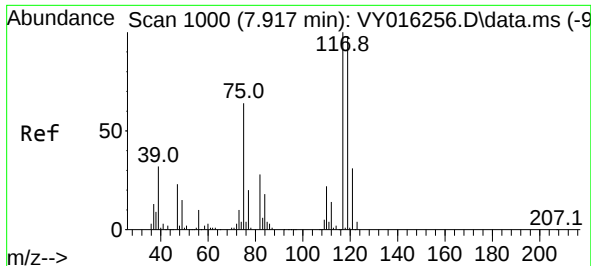
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

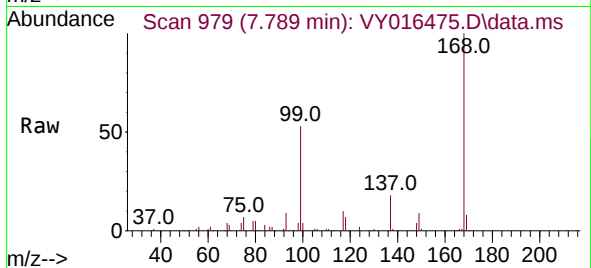
192 20.3 16.9 25.3



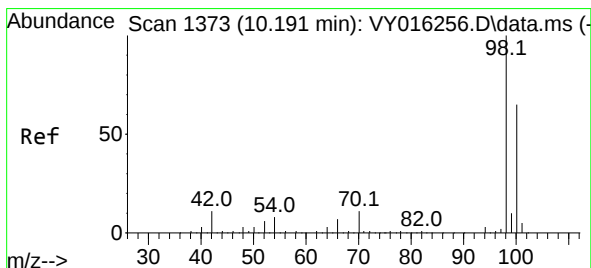
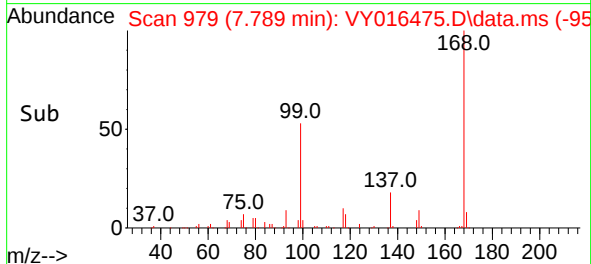
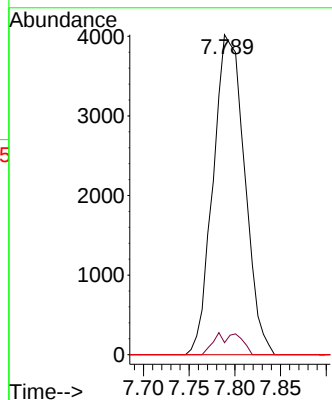


#38
Carbon Tetrachloride
Concen: 5.267 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.129 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :

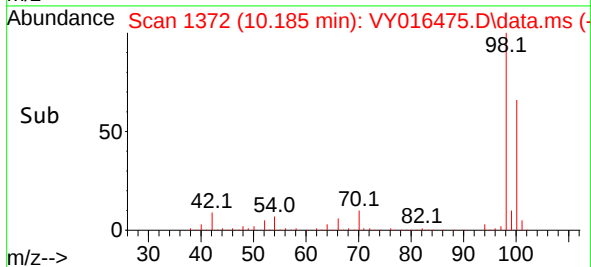
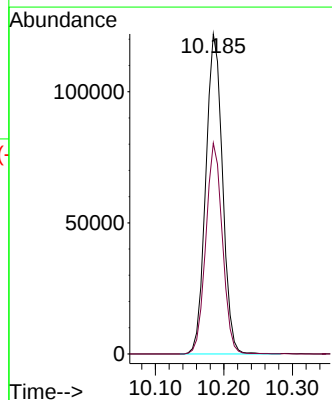
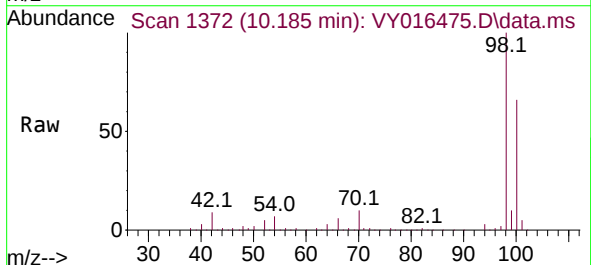


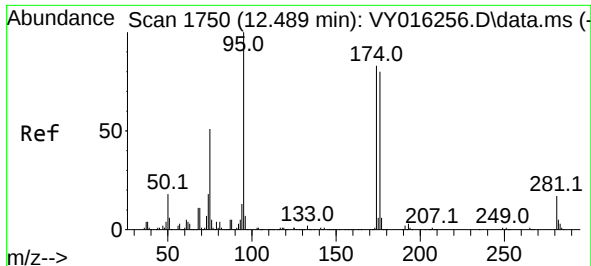
Tgt Ion:117 Resp: 9640
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.335 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.007 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

Tgt Ion: 98 Resp: 207314
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

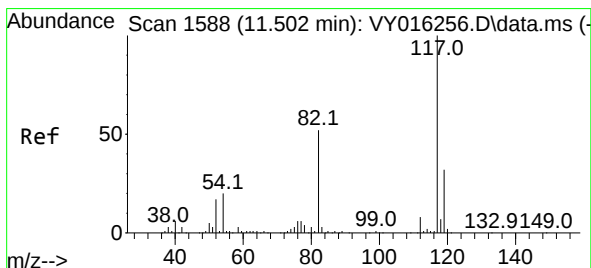
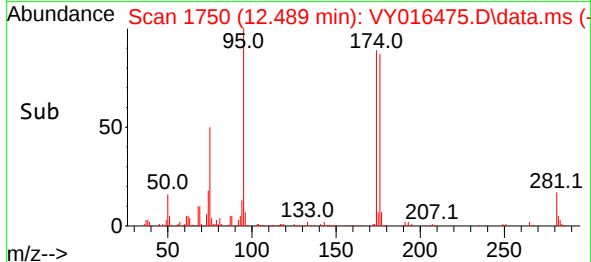
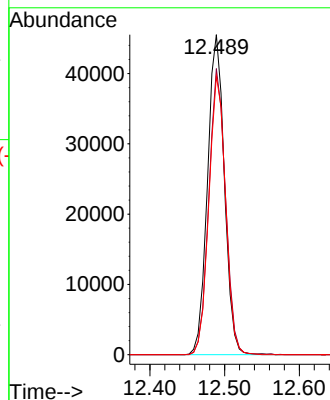
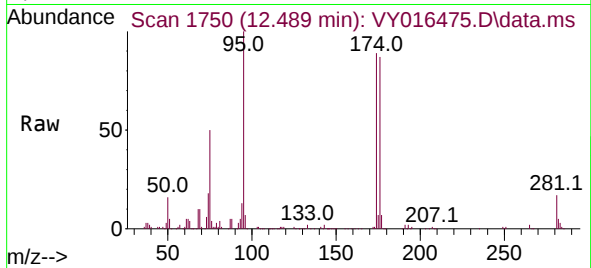




#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.001 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

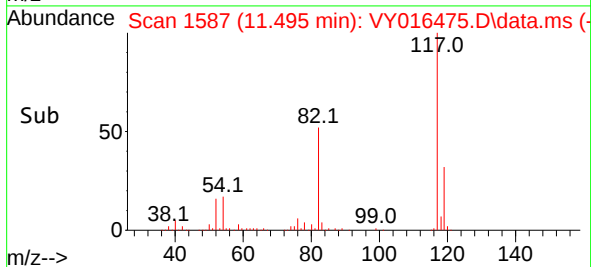
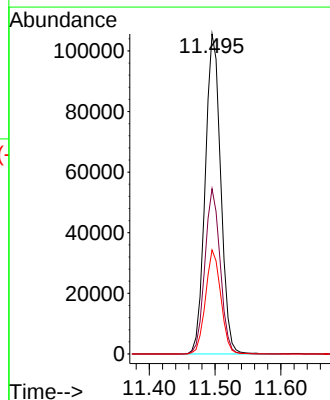
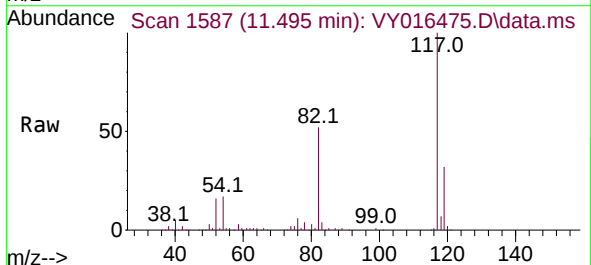
Instrument :
MSVOA_Y
ClientSampleId :

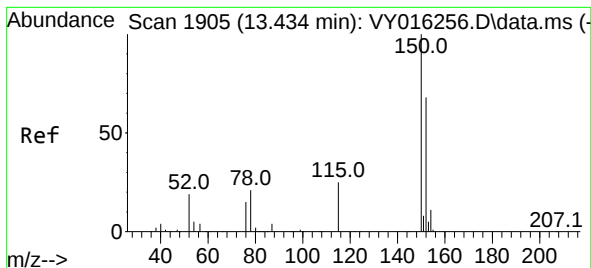
Tgt Ion: 95 Resp: 71354
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 86.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.007 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

Tgt Ion: 117 Resp: 173069
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.001 min

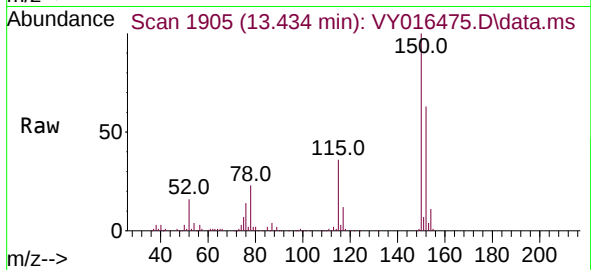
Lab File: VY016475.D

Acq: 24 Nov 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :



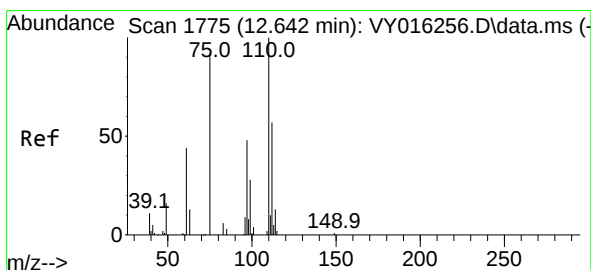
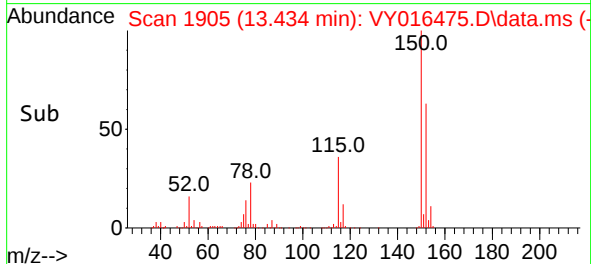
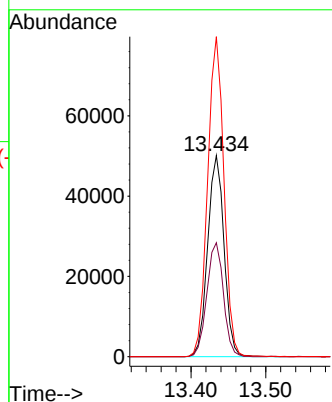
Tgt Ion:152 Resp: 76312

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 48.898 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016475.D

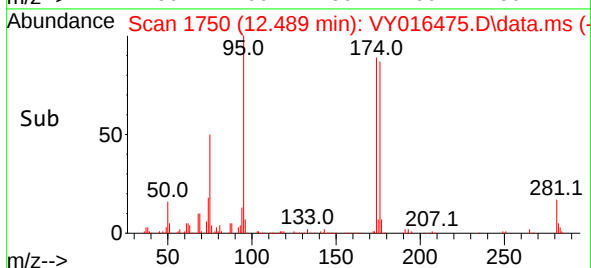
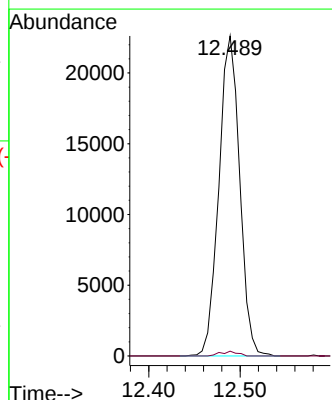
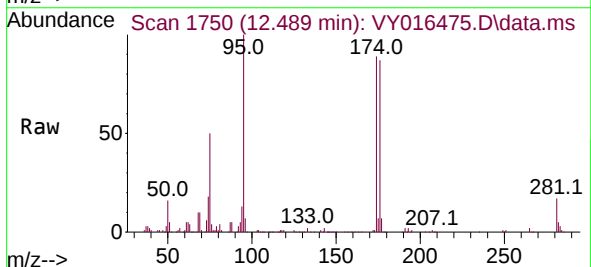
Acq: 24 Nov 2023 10:42

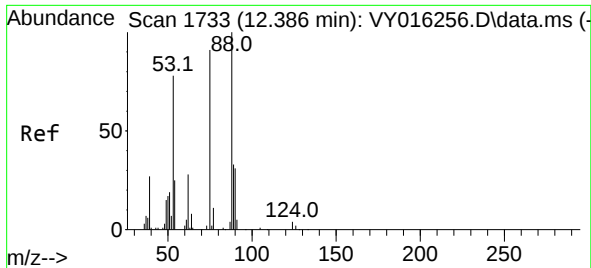
Tgt Ion: 75 Resp: 35796

Ion Ratio Lower Upper

75 100

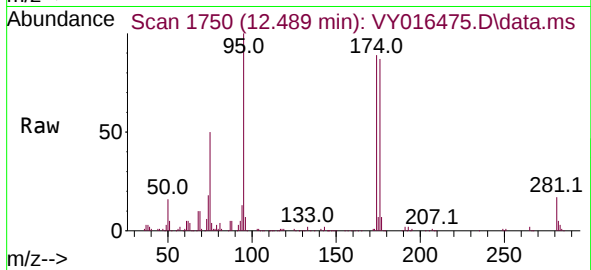
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.137 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016475.D
 Acq: 24 Nov 2023 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35796
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

