

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016495.D
 Acq On : 24 Nov 2023 19:23
 Operator : SY/MD
 Sample : 05434-16
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:49:56 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)

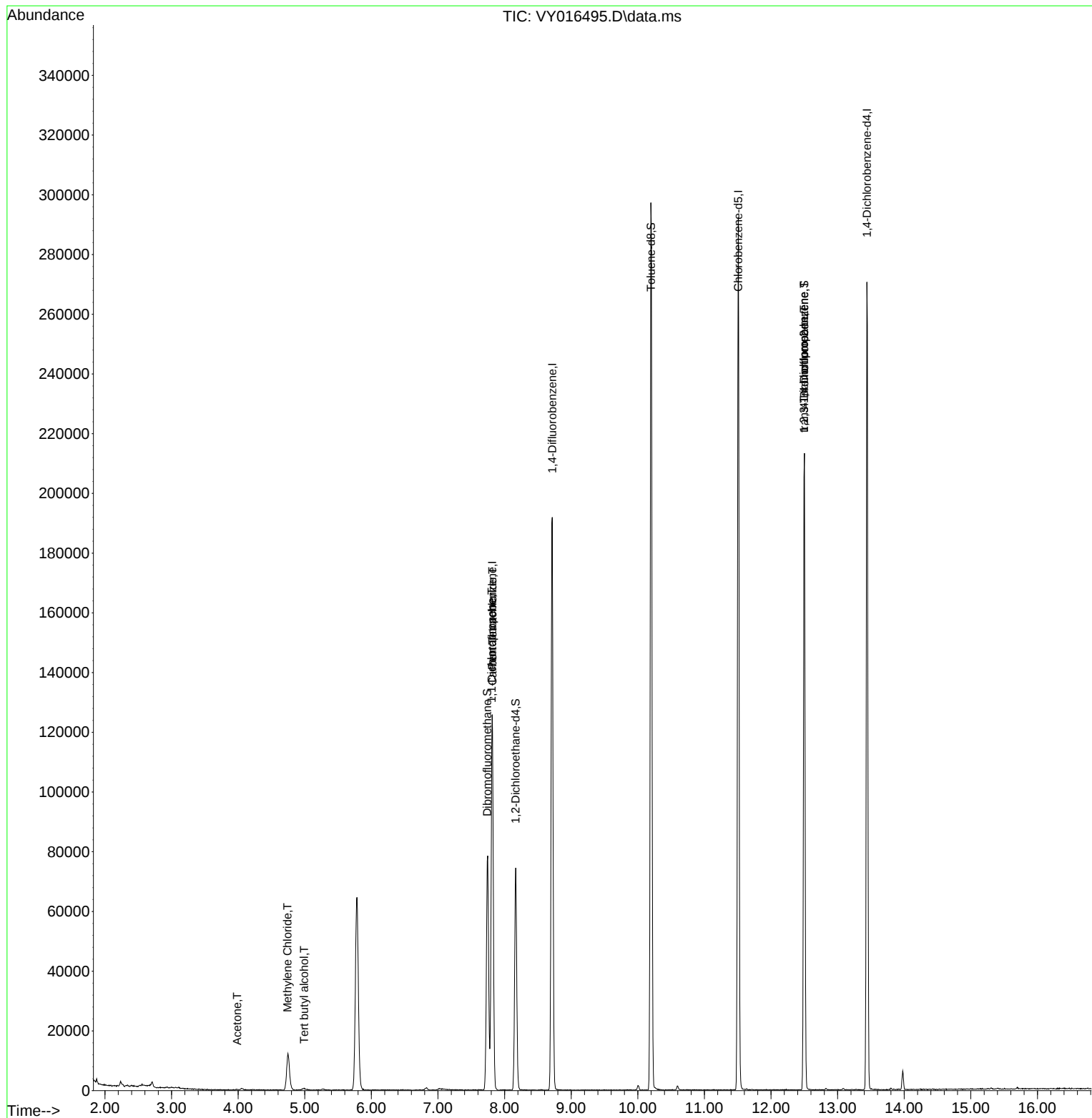
Internal Standards						
1) Pentafluorobenzene	7.813	168	102291	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	175174	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	170485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	59178	63.299	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.600%	
35) Dibromofluoromethane	7.740	113	56474	56.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.500%	
50) Toluene-d8	10.197	98	207260	51.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.501	95	69974	53.390	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	1424	19.451	ug/l #	89
16) Acetone	3.985	43	204	1.319	ug/l #	38
20) Methylene Chloride	4.741	84	10091	6.187	ug/l #	77
36) 1,1-Dichloropropene	7.807	75	6677	3.864	ug/l #	51
38) Carbon Tetrachloride	7.819	117	9899	5.520	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	34240	47.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	34240	103.378	ug/l #	10

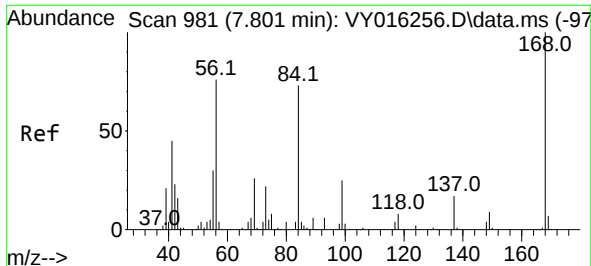
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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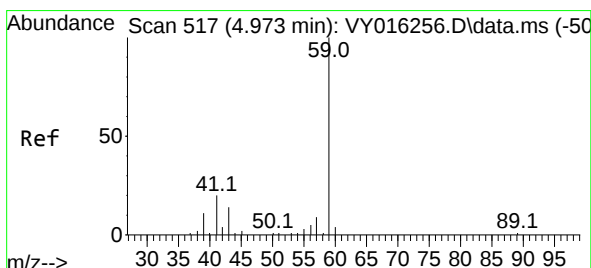
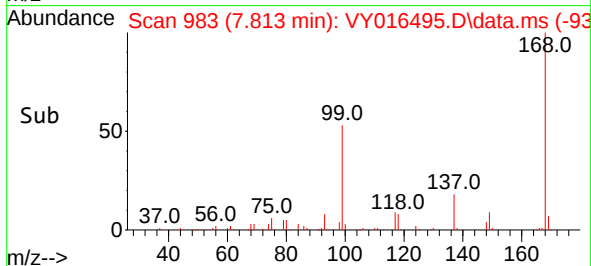
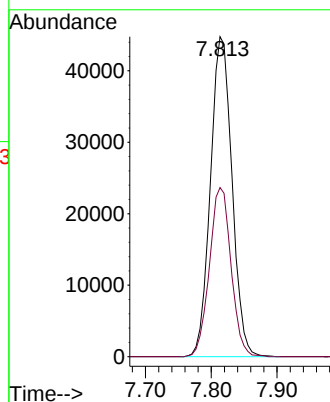
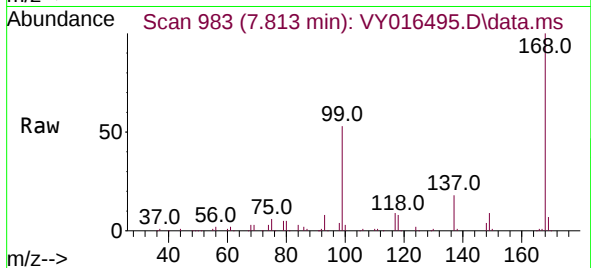




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

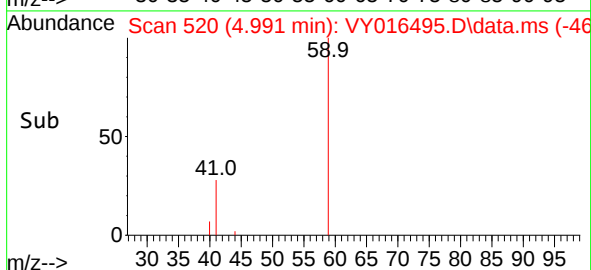
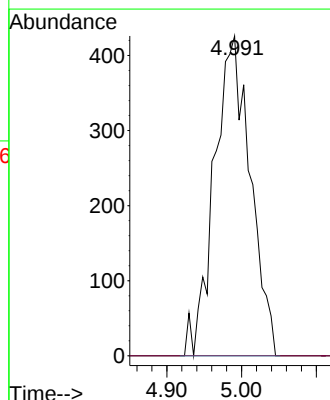
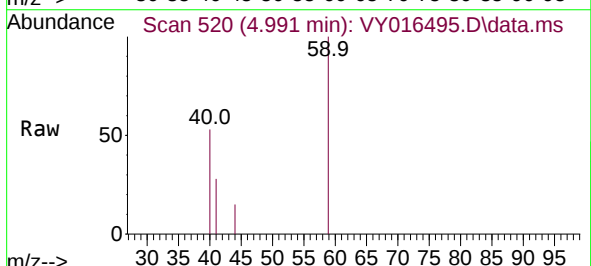
Instrument :
MSVOA_Y
ClientSampleId :

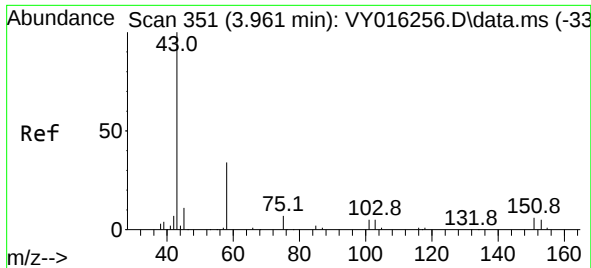
Tgt Ion:168 Resp: 102291
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 19.451 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.018 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

Tgt Ion: 59 Resp: 1424
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 1.319 ug/l

RT: 3.985 min Scan# 3

Delta R.T. 0.024 min

Lab File: VY016495.D

Acq: 24 Nov 2023 19:23

Instrument :

MSVOA_Y

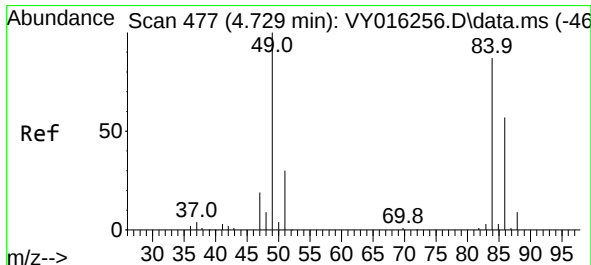
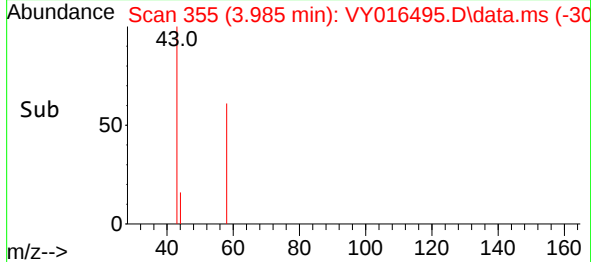
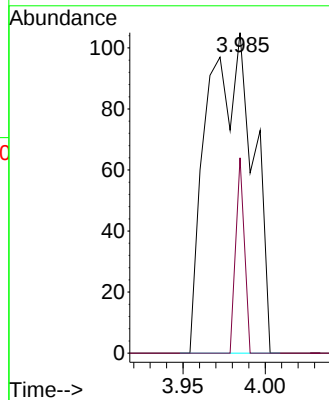
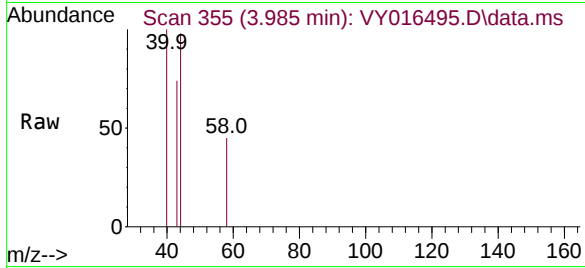
ClientSampleId :

Tgt Ion: 43 Resp: 204

Ion Ratio Lower Upper

43 100

58 61.0 22.7 34.1#



#20

Methylene Chloride

Concen: 6.187 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.012 min

Lab File: VY016495.D

Acq: 24 Nov 2023 19:23

Tgt Ion: 84 Resp: 10091

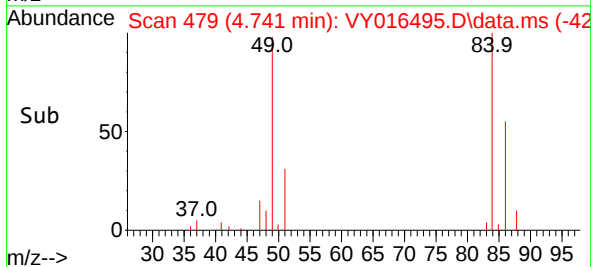
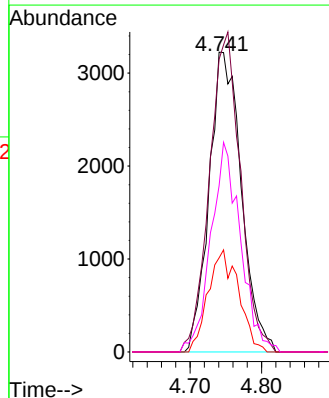
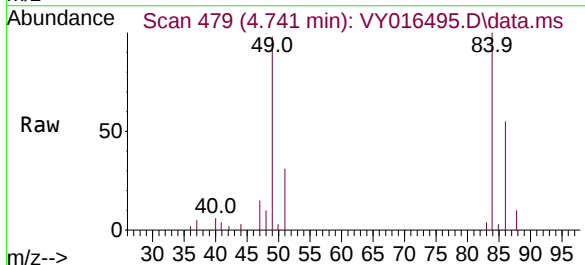
Ion Ratio Lower Upper

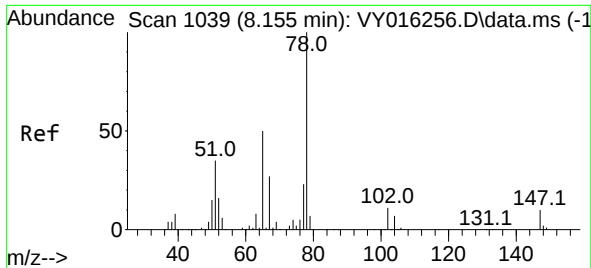
84 100

49 97.6 106.9 160.3#

51 31.4 33.2 49.8#

86 55.4 51.0 76.6

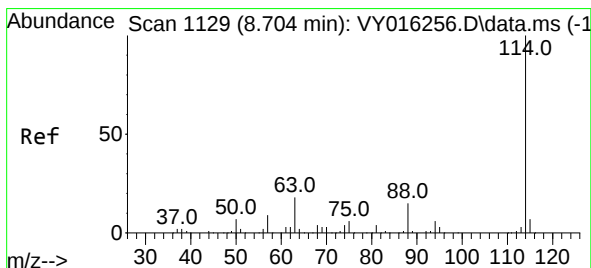
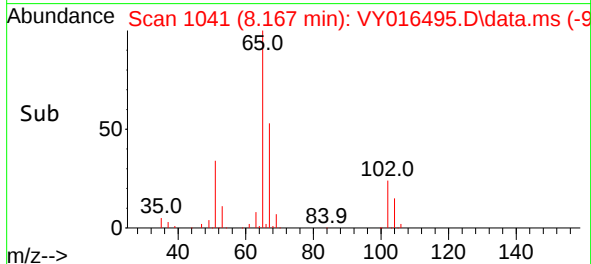
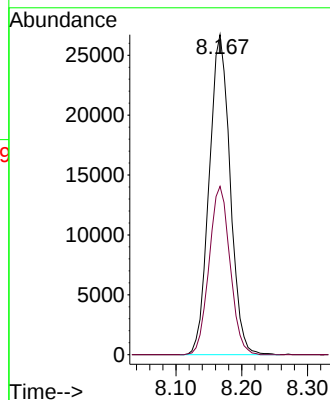
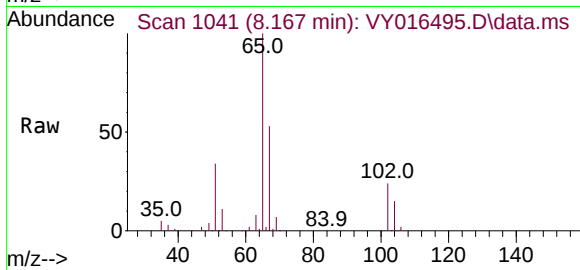




#33
 1,2-Dichloroethane-d4
 Concen: 63.299 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY016495.D
 Acq: 24 Nov 2023 19:23

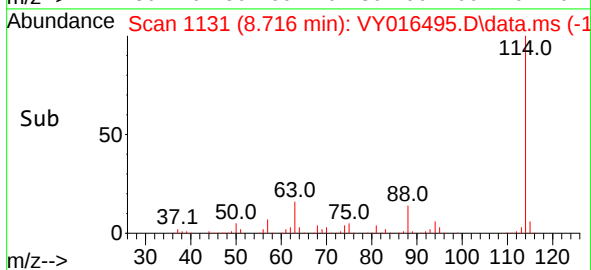
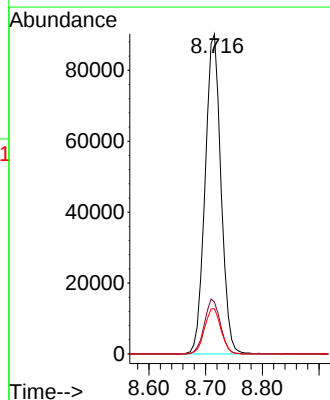
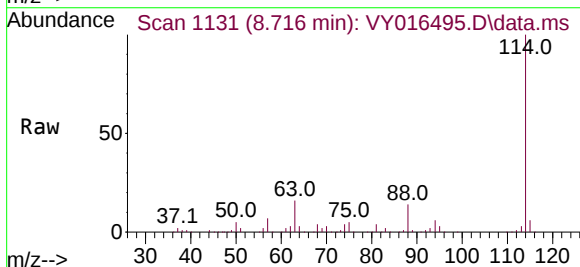
Instrument :
 MSVOA_Y
 ClientSampleId :

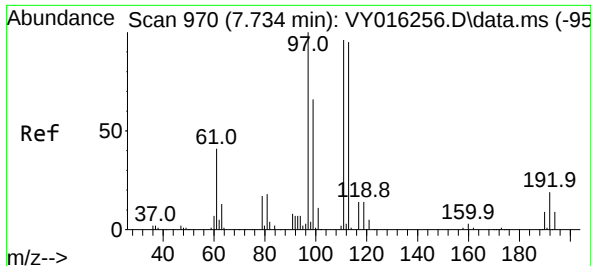
Tgt Ion: 65 Resp: 59178
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.012 min
 Lab File: VY016495.D
 Acq: 24 Nov 2023 19:23

Tgt Ion: 114 Resp: 175174
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 42.4
 88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.752 ug/l

RT: 7.740 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY016495.D

Acq: 24 Nov 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

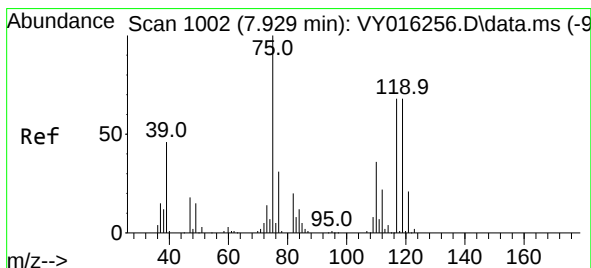
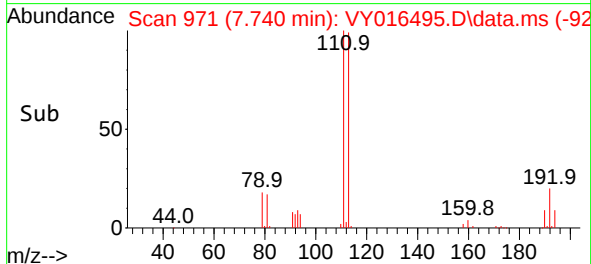
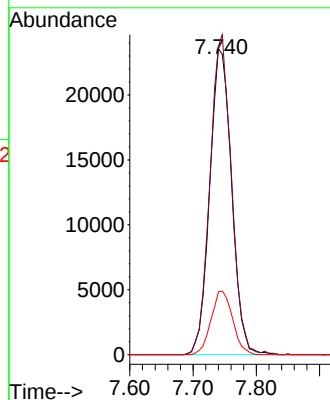
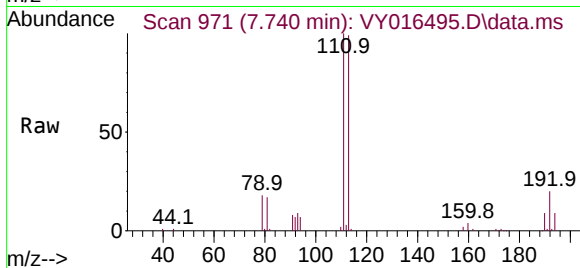
Tgt Ion:113 Resp: 56474

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 20.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.864 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY016495.D

Acq: 24 Nov 2023 19:23

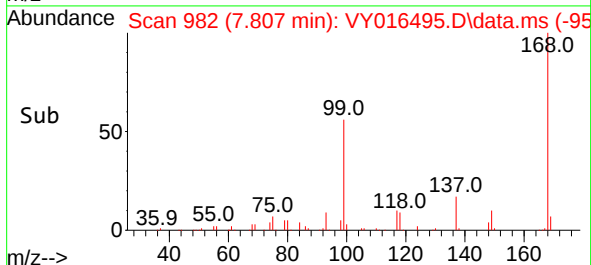
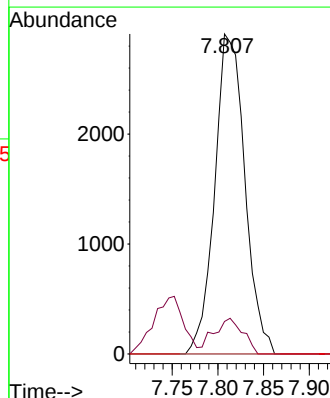
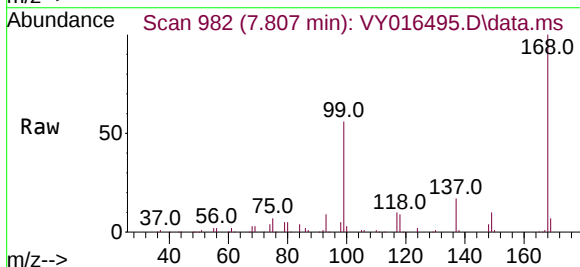
Tgt Ion: 75 Resp: 6677

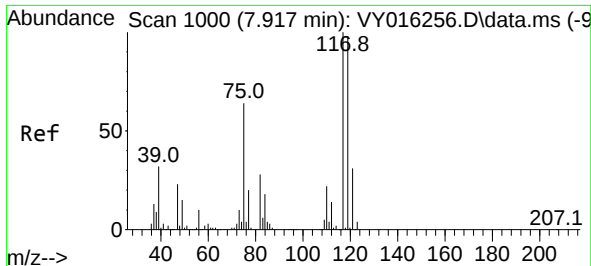
Ion Ratio Lower Upper

75 100

110 10.9 17.8 53.5#

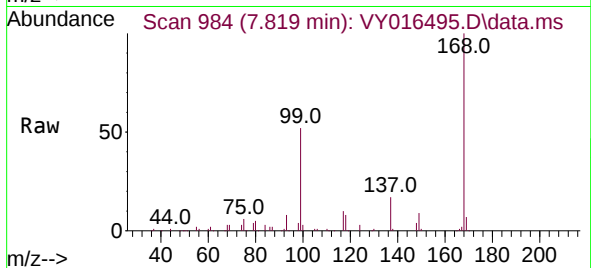
77 0.0 24.4 36.6#



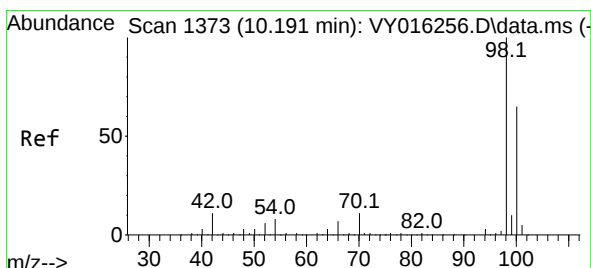
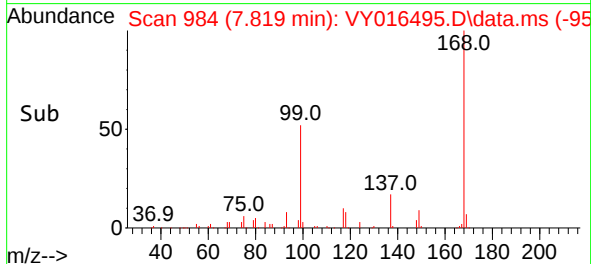
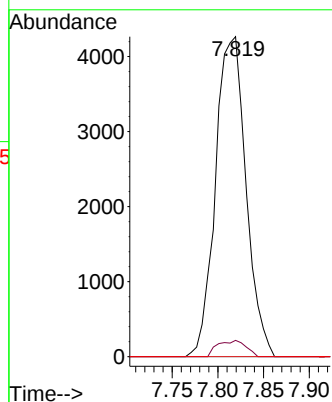


#38
Carbon Tetrachloride
Concen: 5.520 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

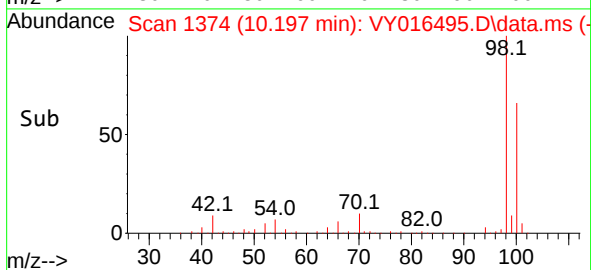
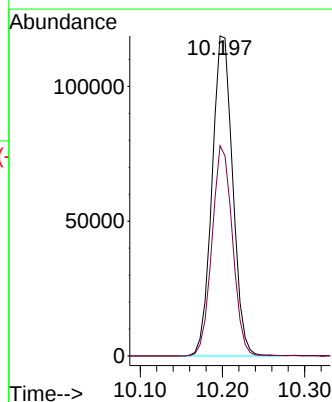
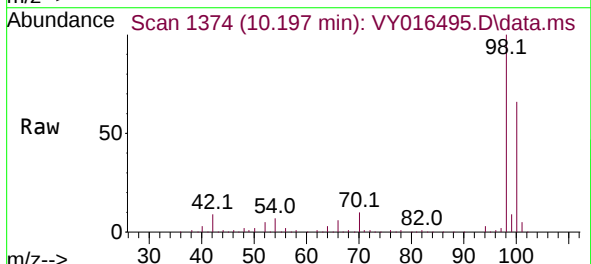


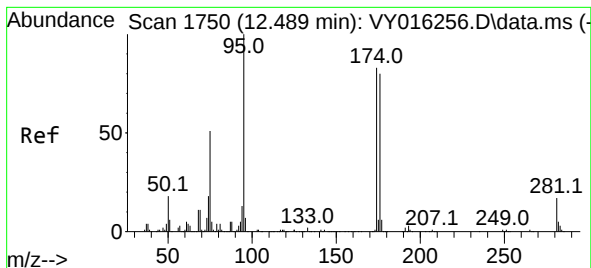
Tgt Ion:117 Resp: 9899
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.361 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

Tgt Ion: 98 Resp: 207260
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

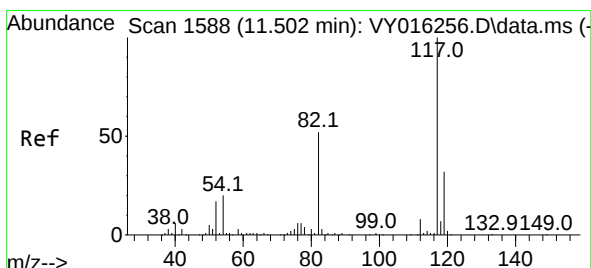
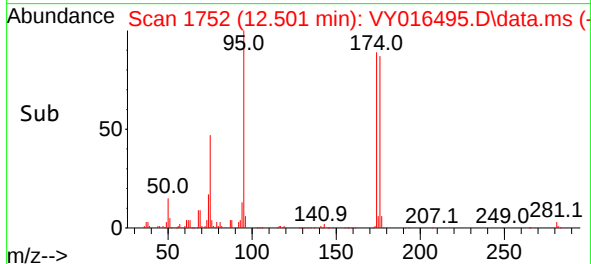
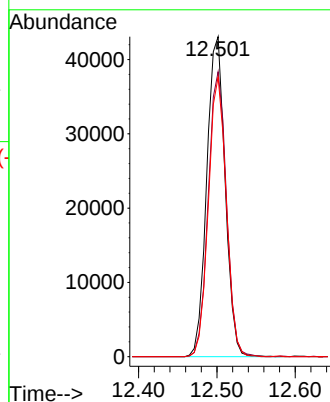
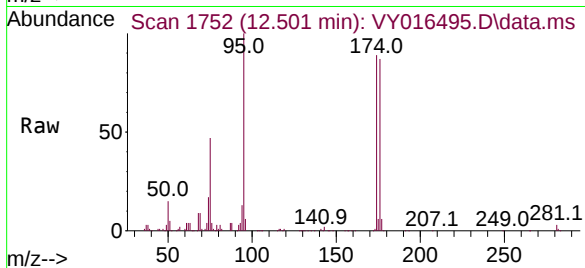




#62
4-Bromofluorobenzene
Concen: 53.390 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

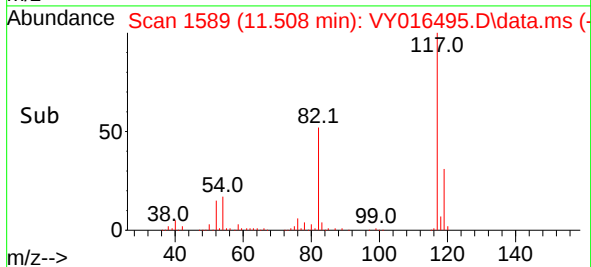
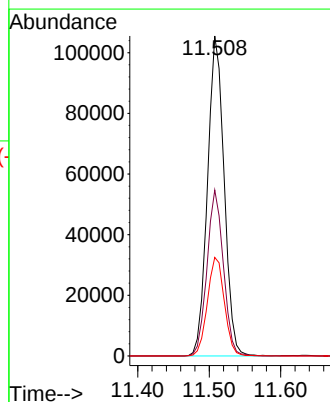
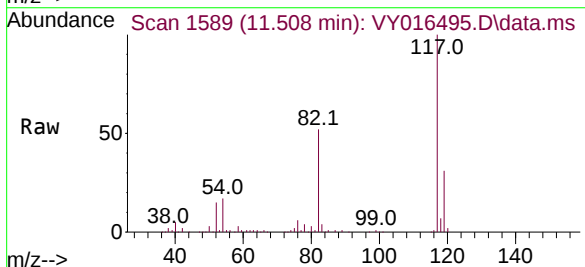
Instrument :
MSVOA_Y
ClientSampleId :

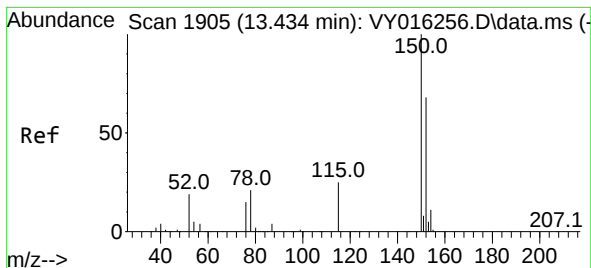
Tgt Ion: 95 Resp: 69974
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 85.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

Tgt Ion: 117 Resp: 170485
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 30.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016495.D

Acq: 24 Nov 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

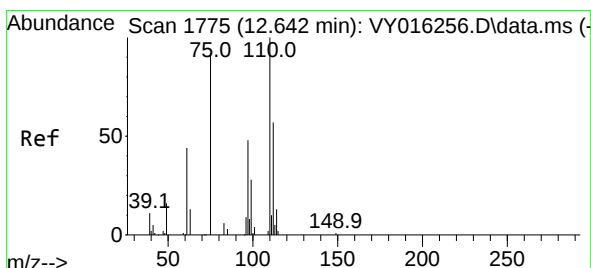
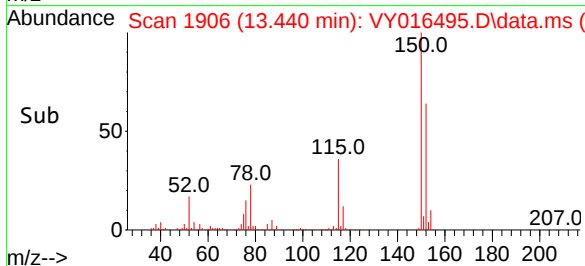
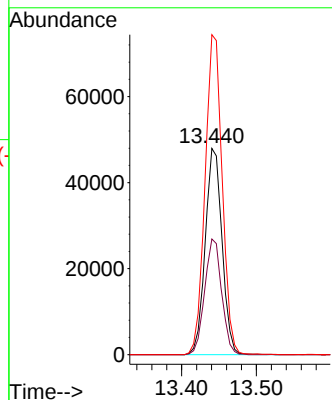
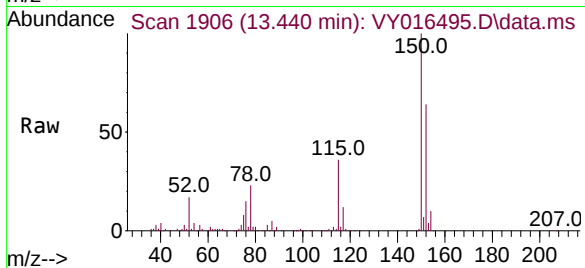
Tgt Ion:152 Resp: 74943

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 158.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.627 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016495.D

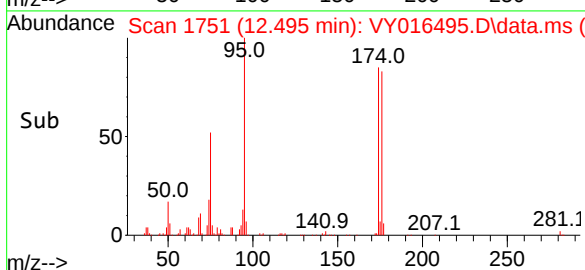
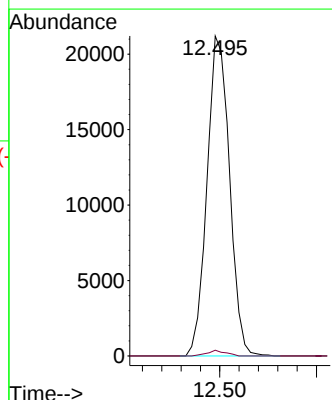
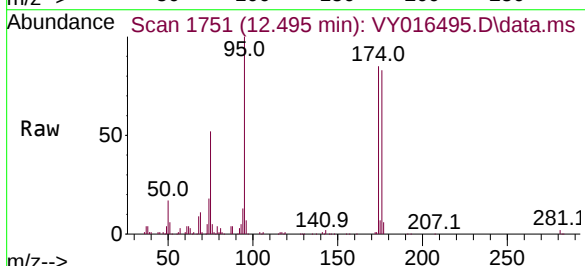
Acq: 24 Nov 2023 19:23

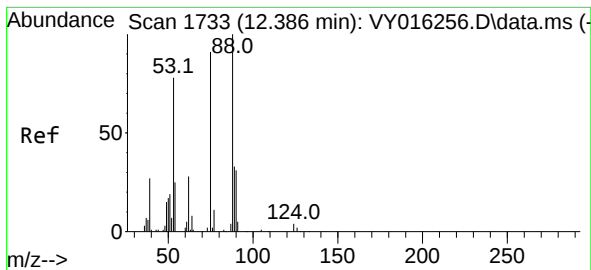
Tgt Ion: 75 Resp: 34240

Ion Ratio Lower Upper

75 100

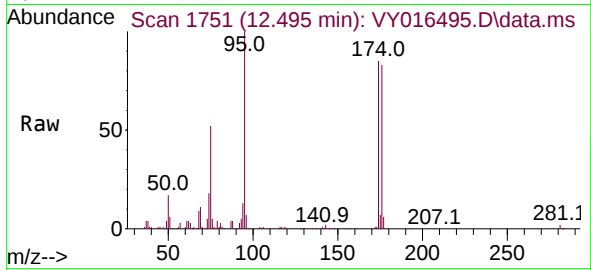
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.378 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016495.D
 Acq: 24 Nov 2023 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34240
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

