

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016564.D
 Acq On : 01 Dec 2023 16:36
 Operator : SY/MD
 Sample : 05602-01
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:39:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

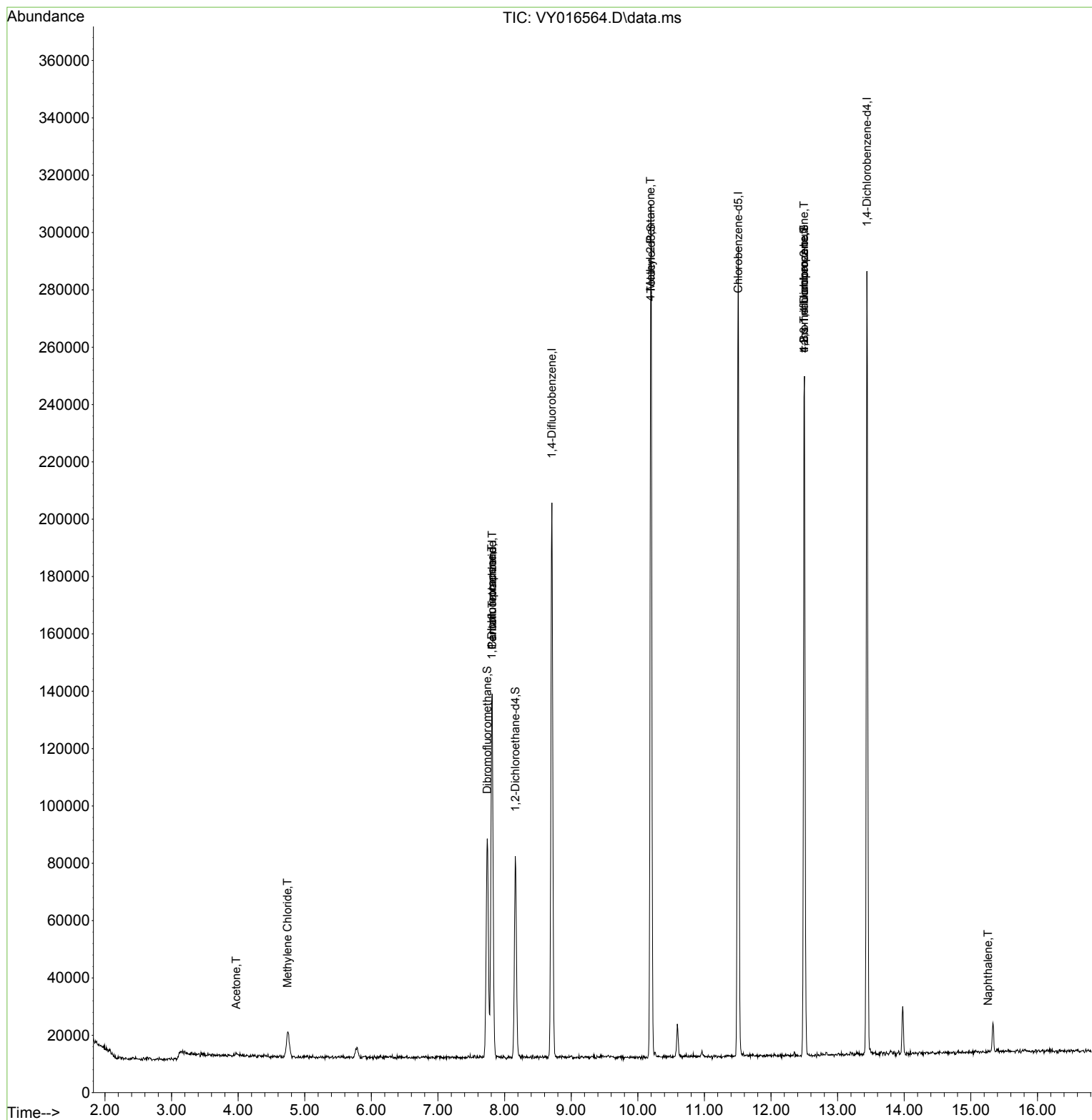
Internal Standards						
1) Pentafluorobenzene	7.813	168	105706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	179567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	170993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56625	67.804	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.600%	
35) Dibromofluoromethane	7.740	113	55757	52.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.820%	
50) Toluene-d8	10.197	98	204622	50.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.495	95	69806	54.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	1421	13.257	ug/l #	74
20) Methylene Chloride	4.741	84	8151	5.980	ug/l #	71
36) 1,1-Dichloropropene	7.807	75	6830	4.389	ug/l #	50
38) Carbon Tetrachloride	7.813	117	10001	5.475	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	611	1.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	33768	52.279	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	33768	114.019	ug/l #	11
95) Naphthalene	15.257	128	414	5.086	ug/l #	69

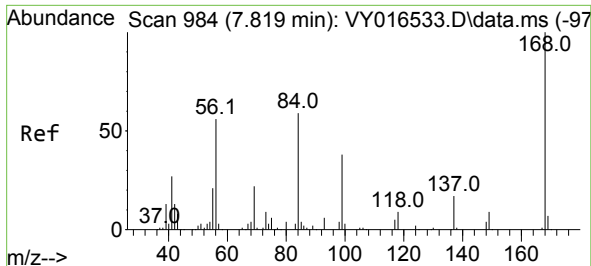
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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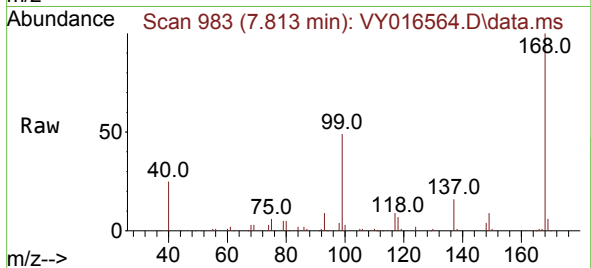
Quant Time: Dec 01 23:39:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration



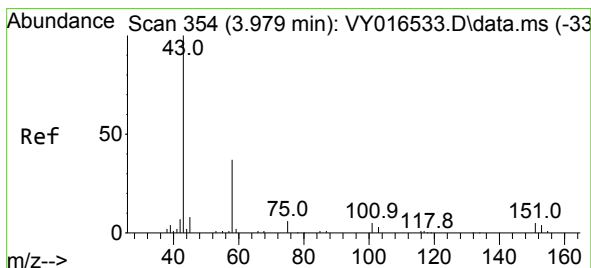
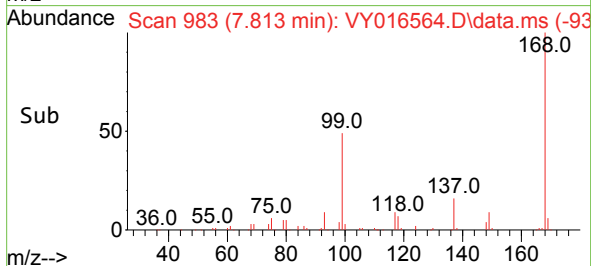
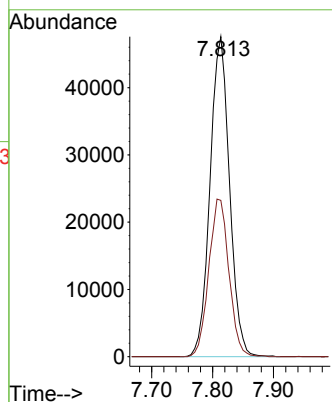


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :

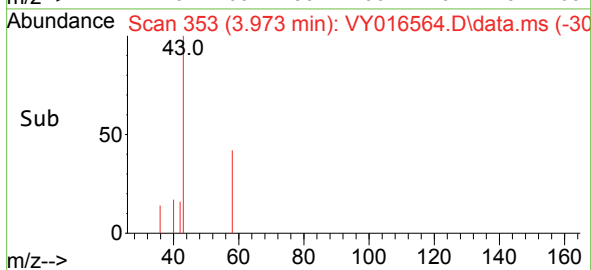
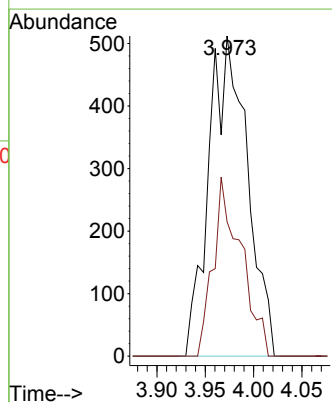
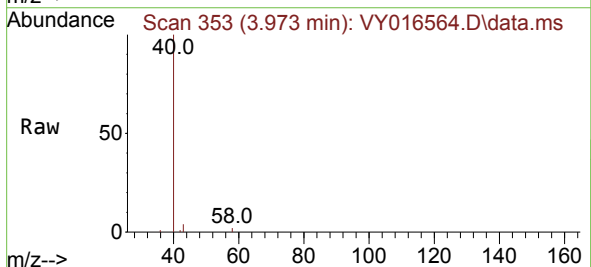


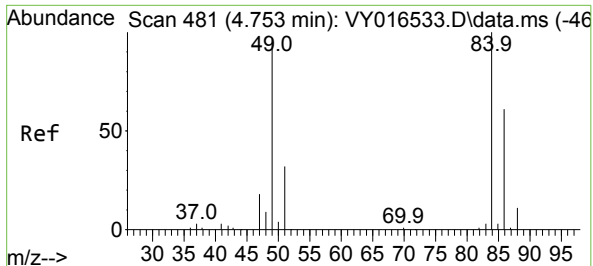
Tgt Ion:168 Resp: 105706
Ion Ratio Lower Upper
168 100
99 48.8 43.4 65.0



#16
Acetone
Concen: 13.257 ug/l
RT: 3.973 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 42.0 22.7 34.1#





#20

Methylene Chloride

Concen: 5.980 ug/l

RT: 4.741 min Scan# 41

Delta R.T. -0.012 min

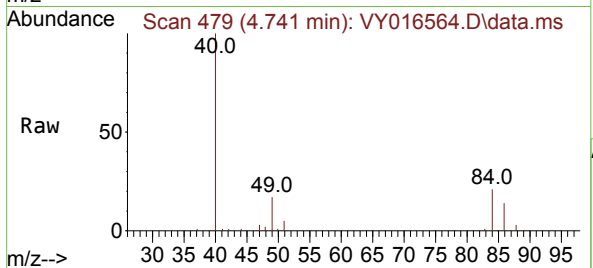
Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 8151

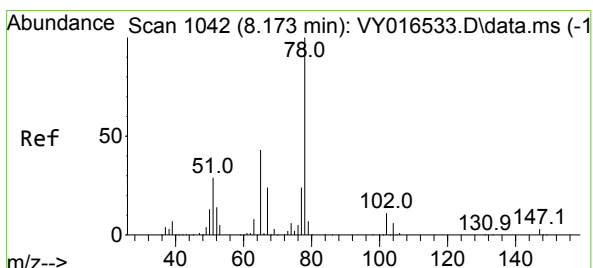
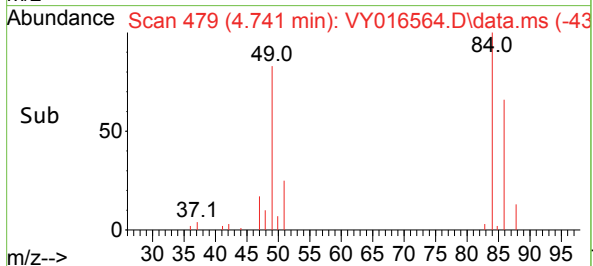
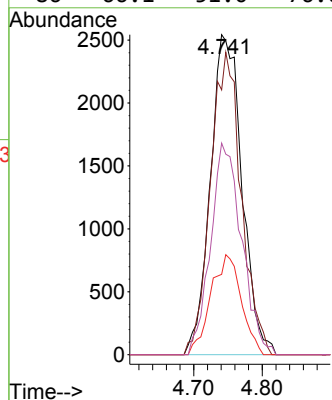
Ion Ratio Lower Upper

84 100

49 82.8 106.9 160.3#

51 25.1 33.2 49.8#

86 66.1 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 67.804 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016564.D

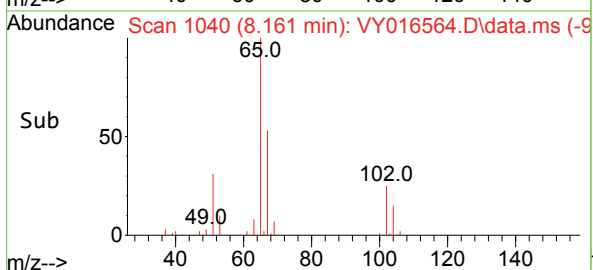
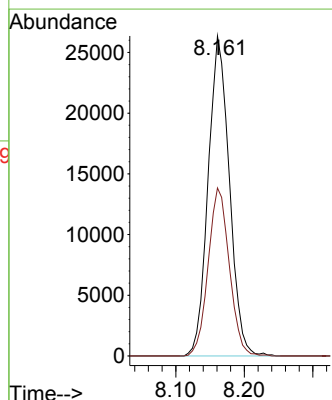
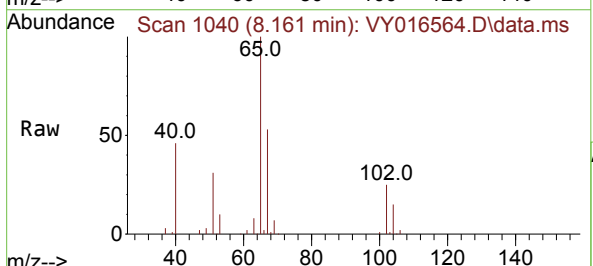
Acq: 01 Dec 2023 16:36

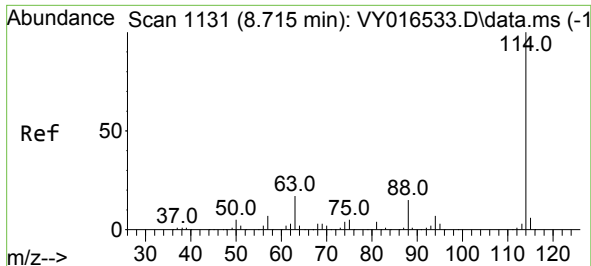
Tgt Ion: 65 Resp: 56625

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

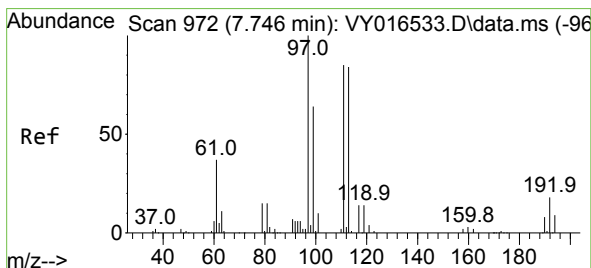
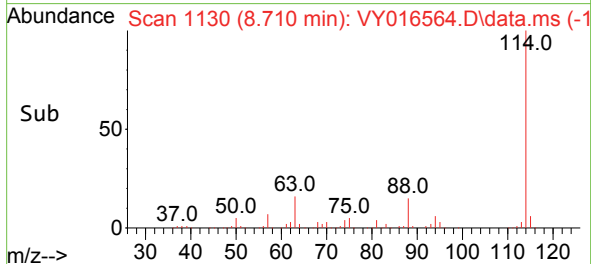
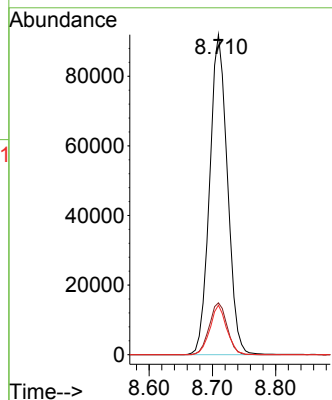
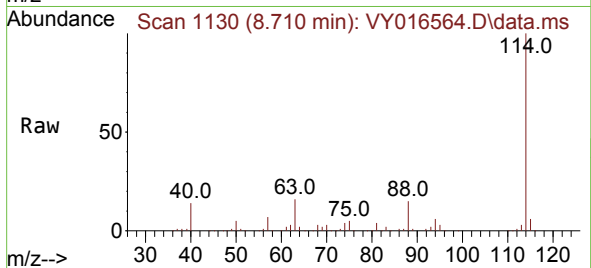
Tgt Ion:114 Resp: 179567

Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.906 ug/l

RT: 7.740 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

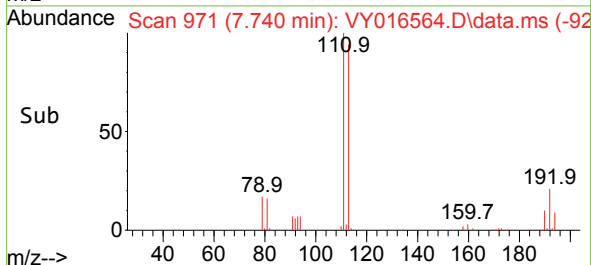
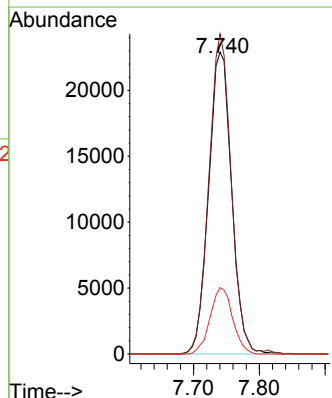
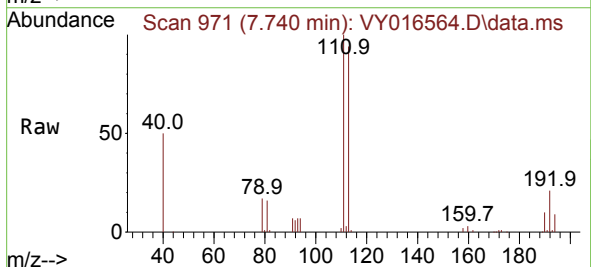
Tgt Ion:113 Resp: 55757

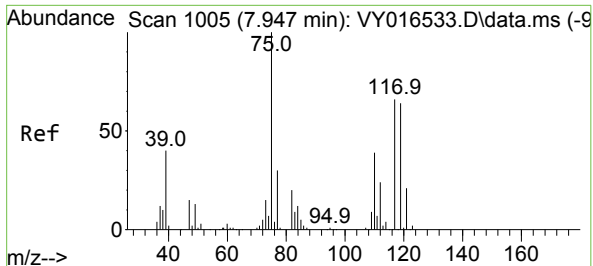
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 21.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.389 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.140 min

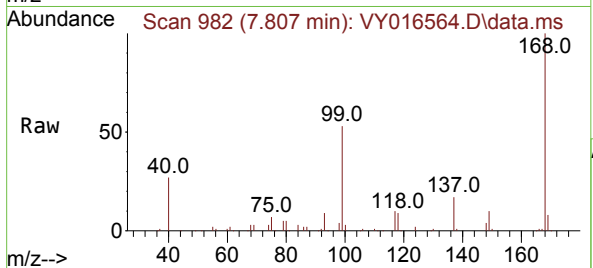
Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

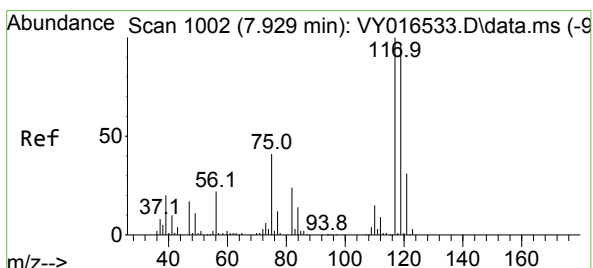
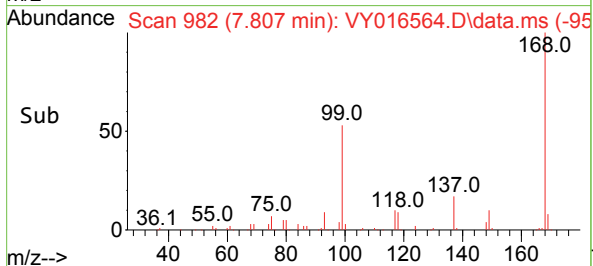
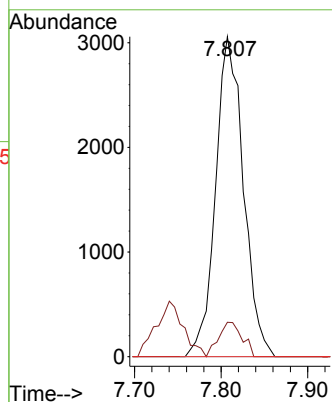
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 6830
Ion Ratio	Lower Upper
75	100
110	9.1 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.475 ug/l

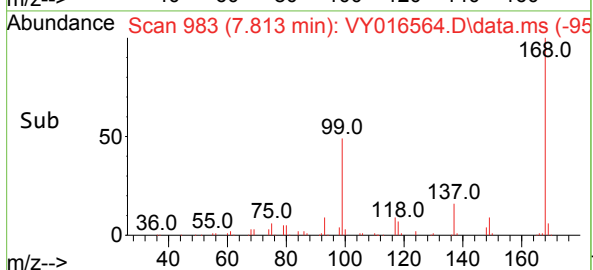
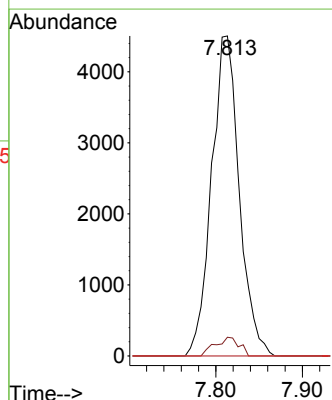
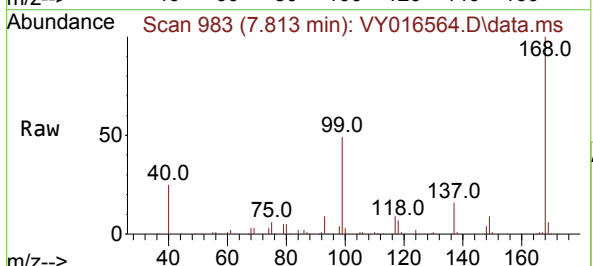
RT: 7.813 min Scan# 983

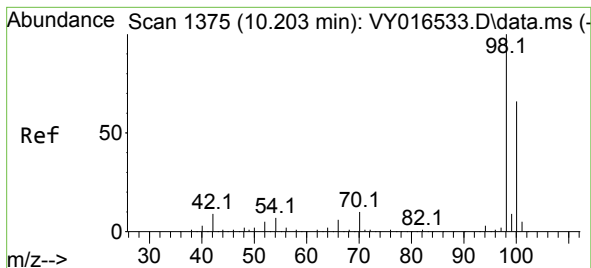
Delta R.T. -0.116 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

Tgt Ion: 117	Resp: 10001
Ion Ratio	Lower Upper
117	100
119	5.8 76.4 114.6#
121	0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.060 ug/l

RT: 10.197 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

Instrument :

MSVOA_Y

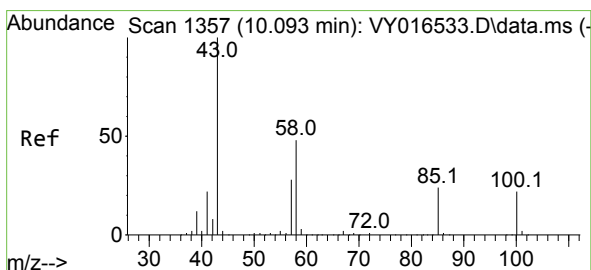
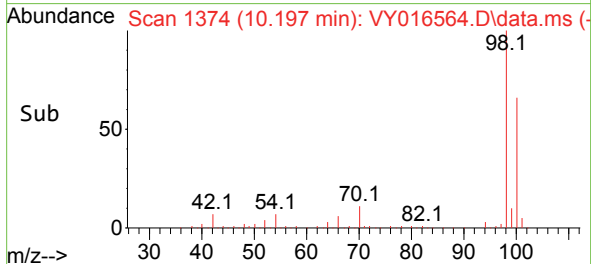
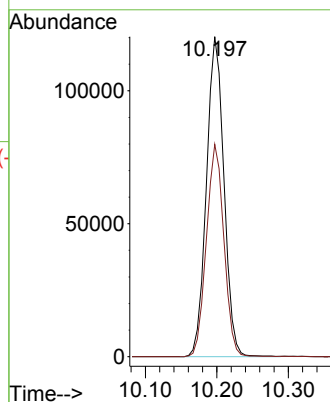
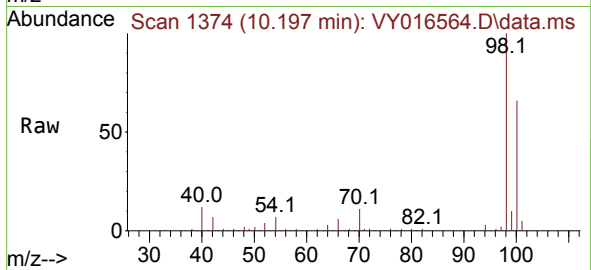
ClientSampleId :

Tgt Ion: 98 Resp: 204622

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.221 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.098 min

Lab File: VY016564.D

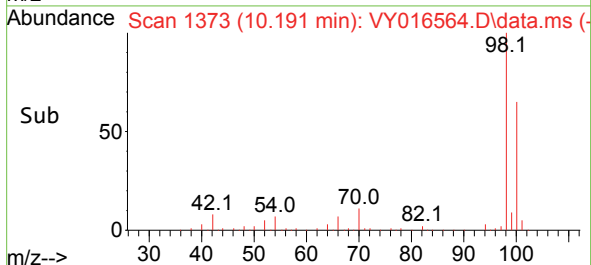
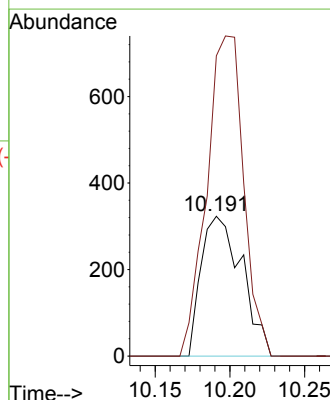
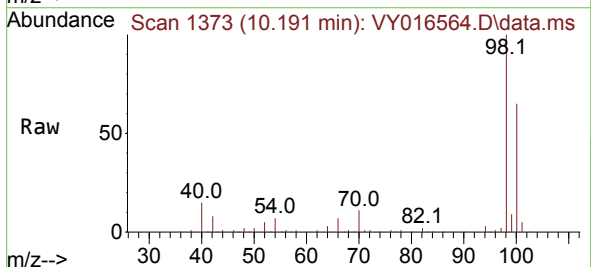
Acq: 01 Dec 2023 16:36

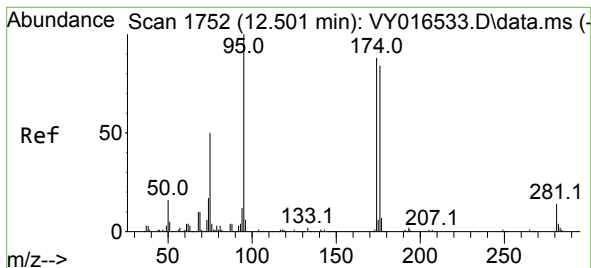
Tgt Ion: 43 Resp: 611

Ion Ratio Lower Upper

43 100

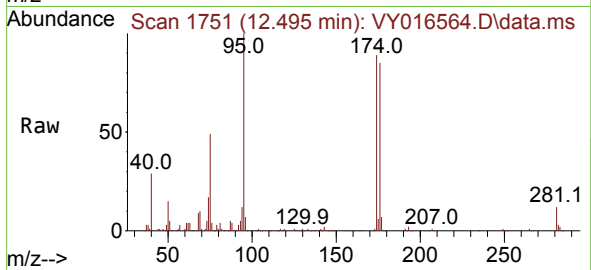
58 208.2 29.0 43.6#



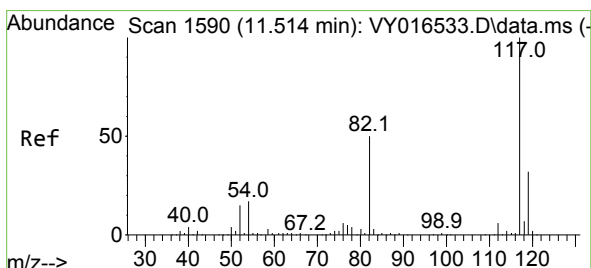
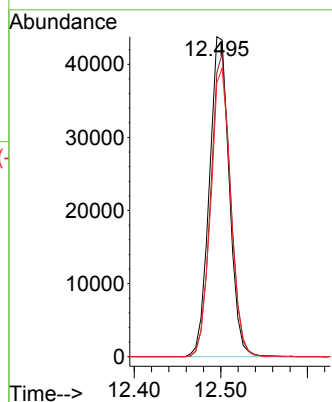
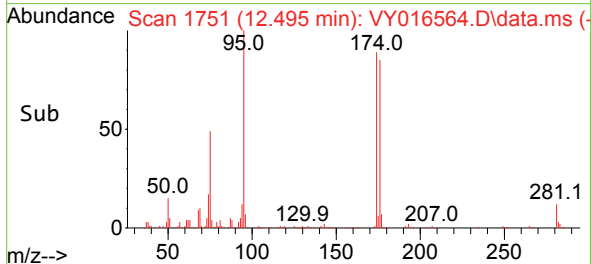


#62
4-Bromofluorobenzene
Concen: 54.439 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :

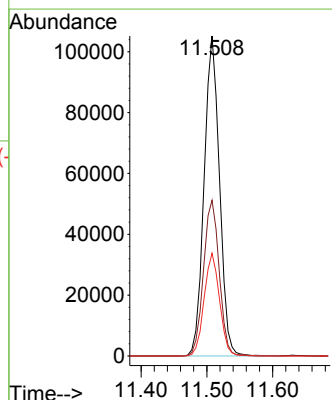
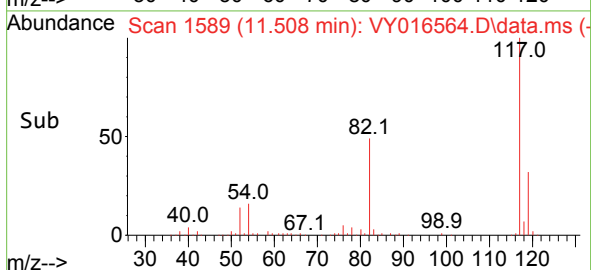
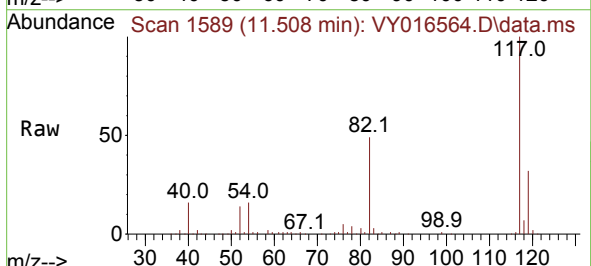


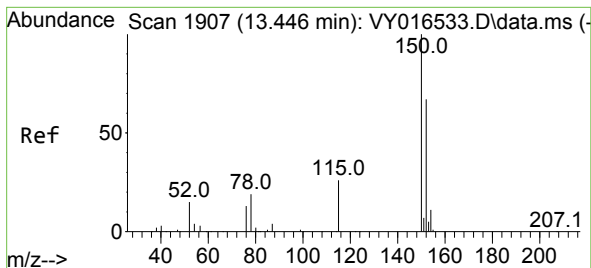
Tgt Ion: 95 Resp: 69806
Ion Ratio Lower Upper
95 100
174 94.1 0.0 178.2
176 90.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

Tgt Ion: 117 Resp: 170993
Ion Ratio Lower Upper
117 100
82 48.7 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

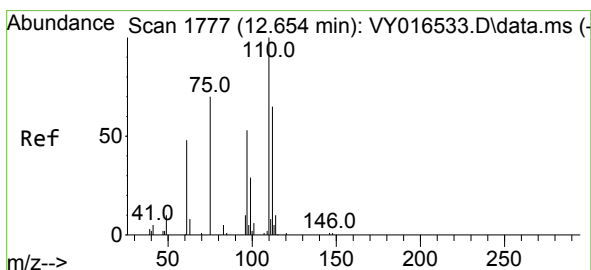
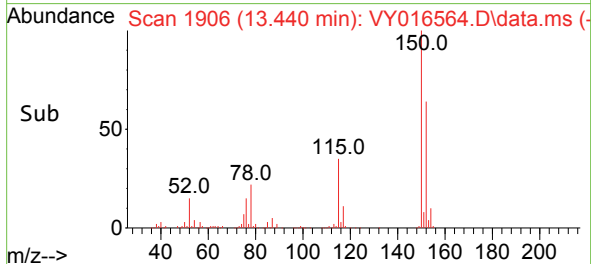
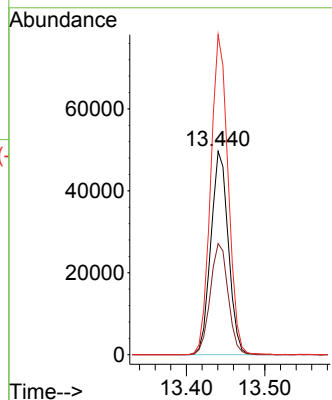
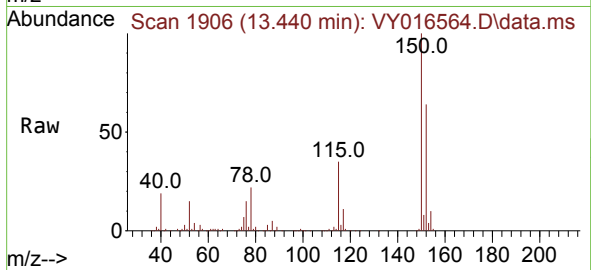
Tgt Ion:152 Resp: 76929

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 52.279 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.158 min

Lab File: VY016564.D

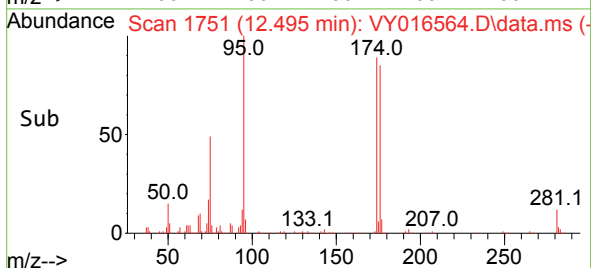
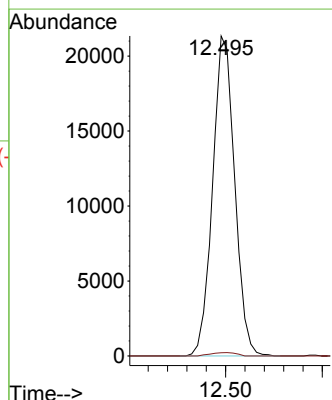
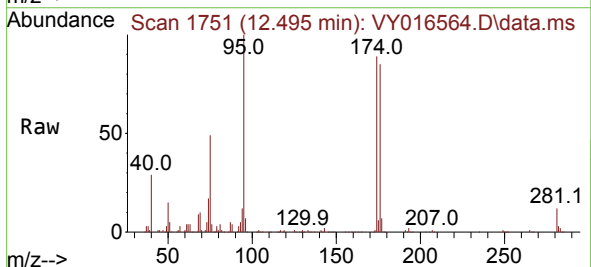
Acq: 01 Dec 2023 16:36

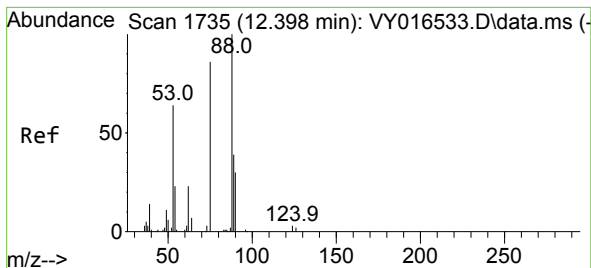
Tgt Ion: 75 Resp: 33768

Ion Ratio Lower Upper

75 100

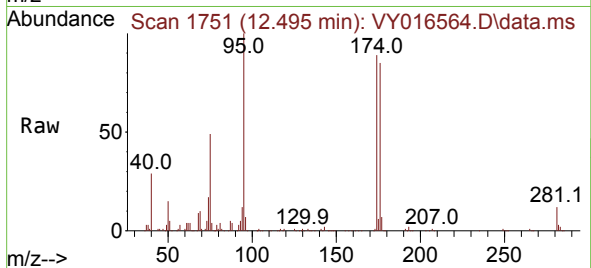
77 1.2 0.0 0.0#



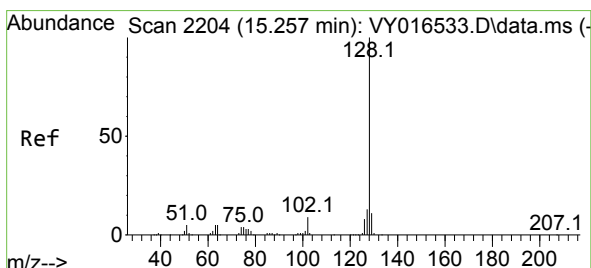
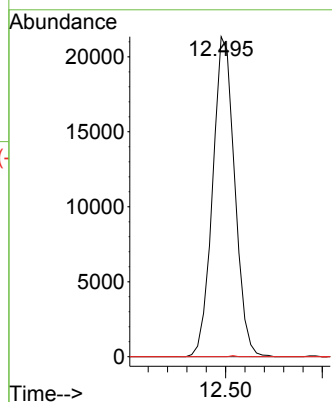
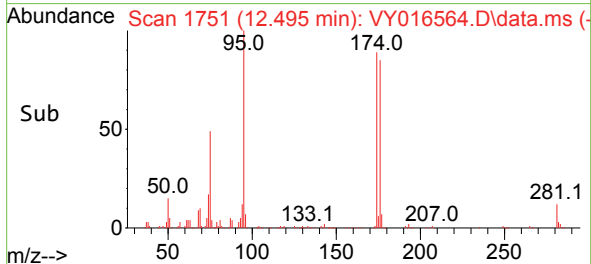


#81
trans-1,4-Dichloro-2-butene
Concen: 114.019 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.098 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

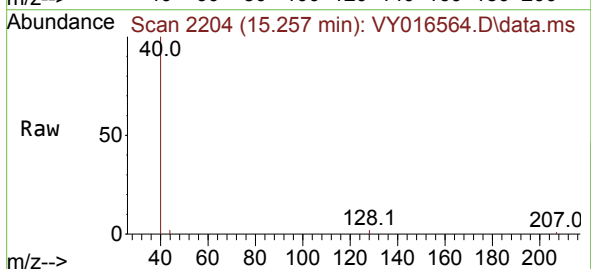
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 33768
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 5.086 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.000 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36



Tgt Ion: 128 Resp: 414
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

