

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016993.D
 Acq On : 12 Jan 2024 15:21
 Operator : SY/MD
 Sample : P1107-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

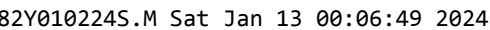
Quant Time: Jan 13 00:06:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

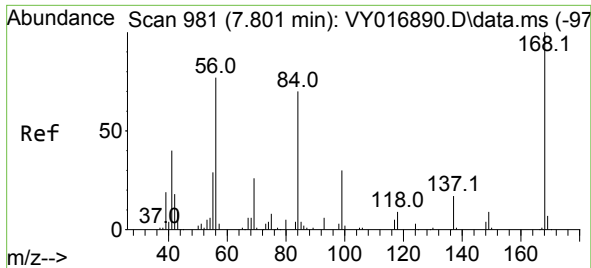
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	109539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	231897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	227947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	53262	49.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.734	113	56480	38.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.440%
50) Toluene-d8	10.191	98	205117	40.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.620%
62) 4-Bromofluorobenzene	12.489	95	68197	39.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	1018	Below Cal	#	75
16) Acetone	3.967	43	858	Below Cal		99
20) Methylene Chloride	4.741	84	12138	1.899	ug/l	92
25) 2-Butanone	7.003	43	221	Below Cal	#	48
31) Cyclohexane	7.795	56	2440	1.313	ug/l	# 10
36) 1,1-Dichloropropene	7.807	75	9722	4.514	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	11299	5.164	ug/l	# 16
76) 1,2,3-Trichloropropane	12.489	75	35968	36.517	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	35968	82.920	ug/l	# 12

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

Quant Time: Jan 13 00:06:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

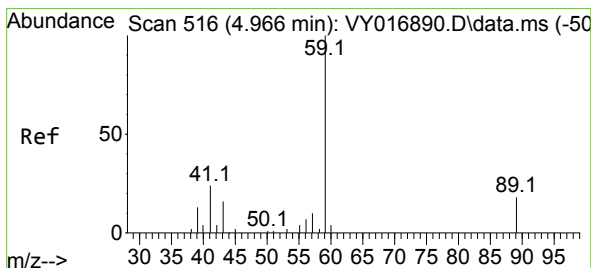
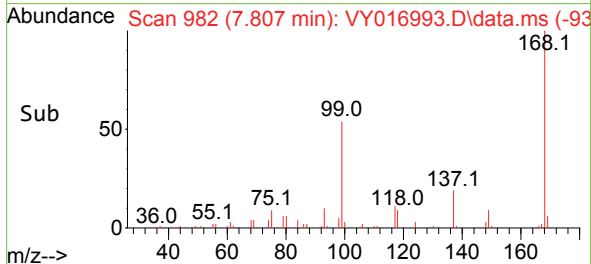
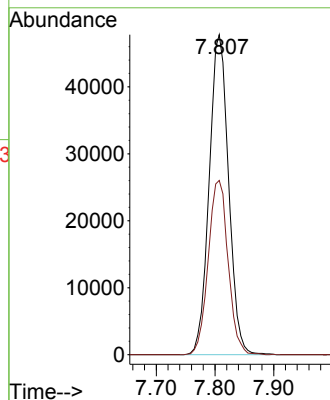
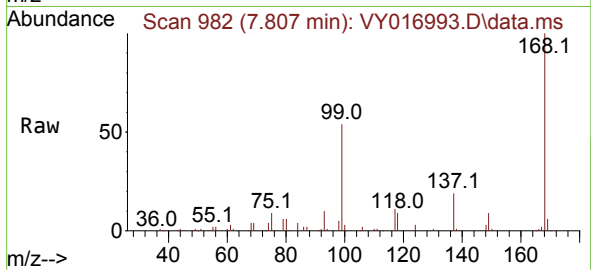




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

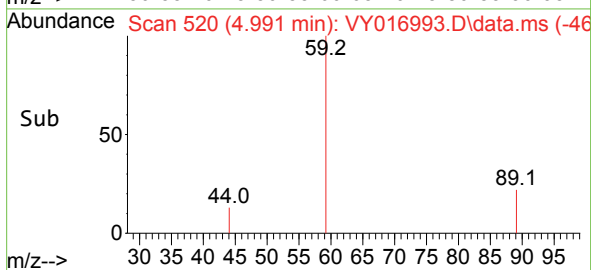
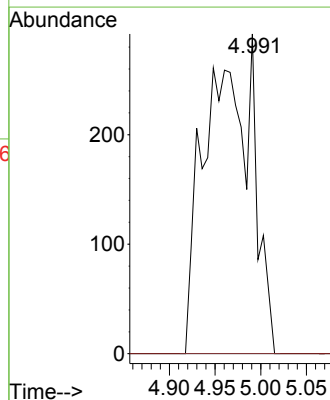
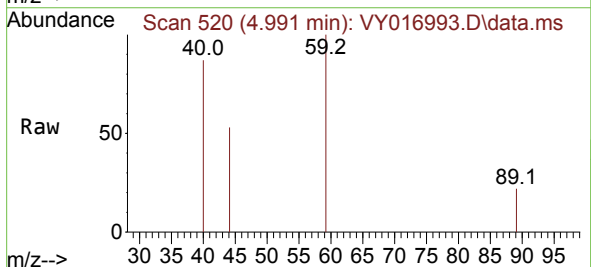
Instrument :
MSVOA_Y
ClientSampleId :

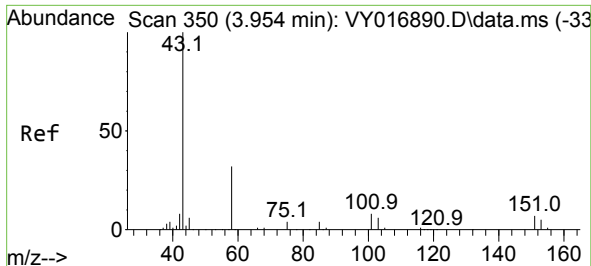
Tgt Ion:168 Resp: 109539
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.991 min Scan# 520
Delta R.T. 0.025 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Tgt Ion: 59 Resp: 1018
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

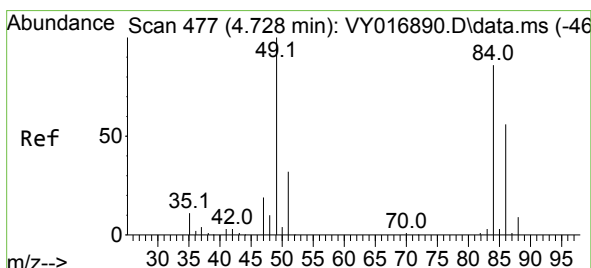
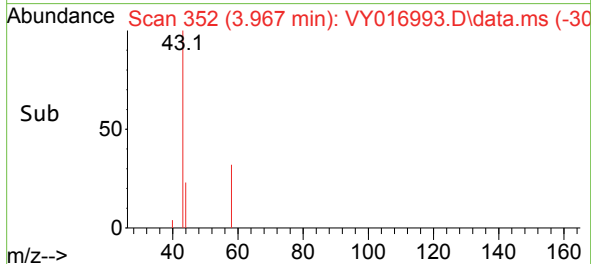
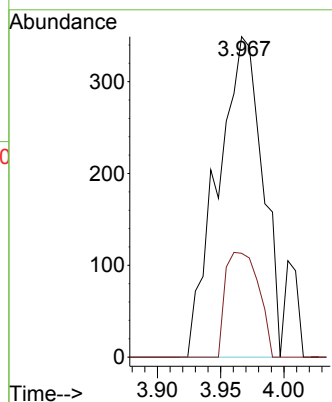
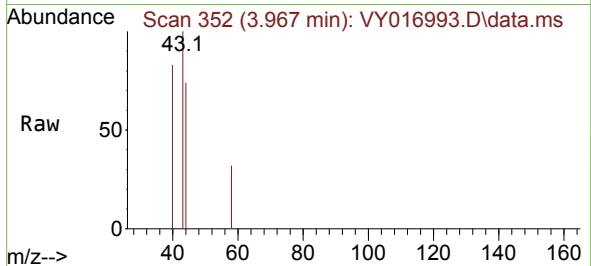




#16
Acetone
Concen: Below Cal
RT: 3.967 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

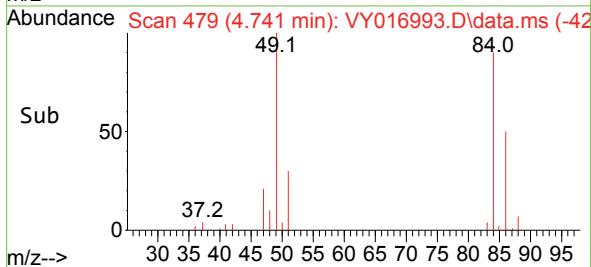
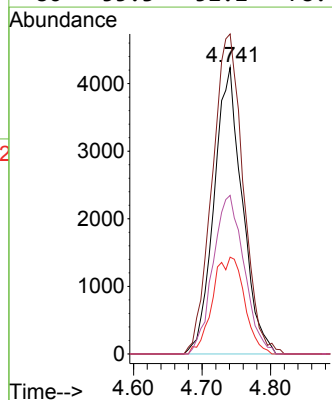
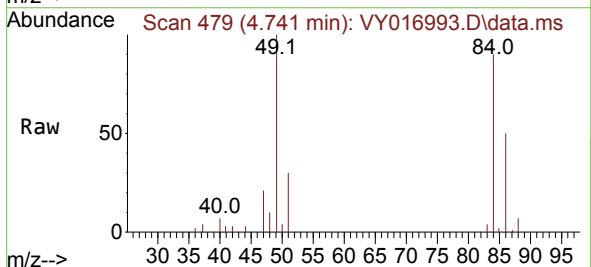
Instrument :
MSVOA_Y
ClientSampleId :

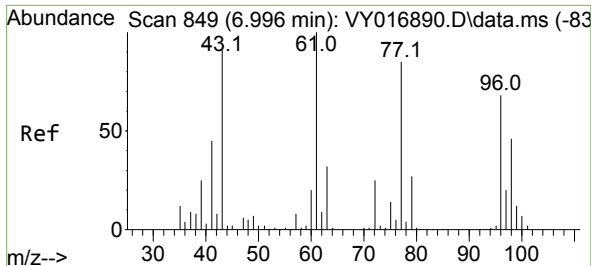
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 32.4 26.6 39.8



#20
Methylene Chloride
Concen: 1.899 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Tgt Ion: 84 Resp: 12138
Ion Ratio Lower Upper
84 100
49 111.7 95.2 142.8
51 33.8 29.9 44.9
86 55.3 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.003 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY016993.D

Acq: 12 Jan 2024 15:21

Instrument :

MSVOA_Y

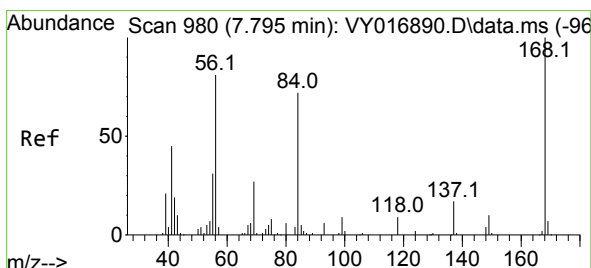
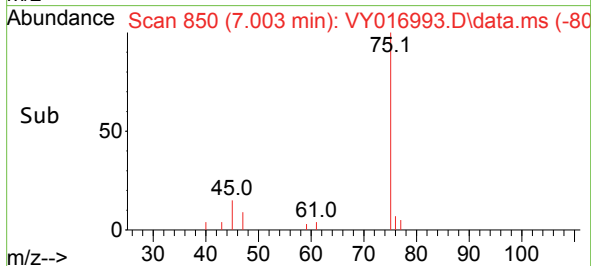
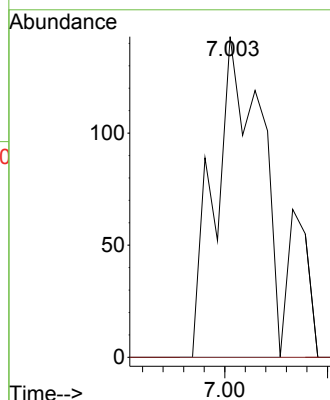
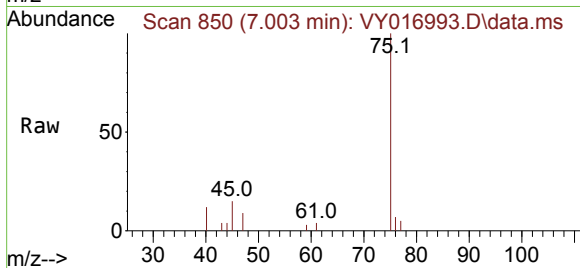
ClientSampleId :

Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.313 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY016993.D

Acq: 12 Jan 2024 15:21

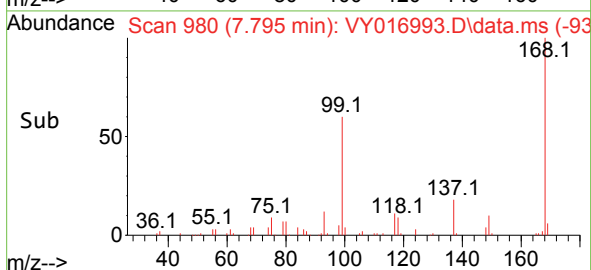
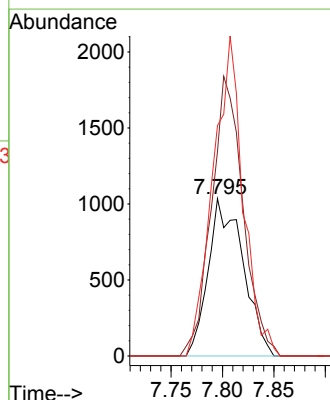
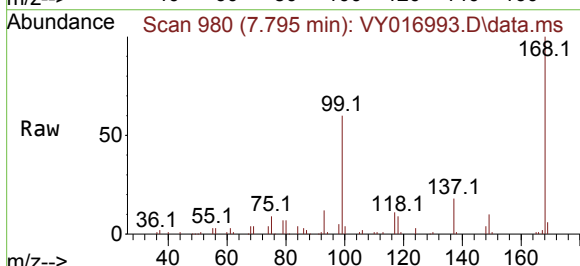
Tgt Ion: 56 Resp: 2440

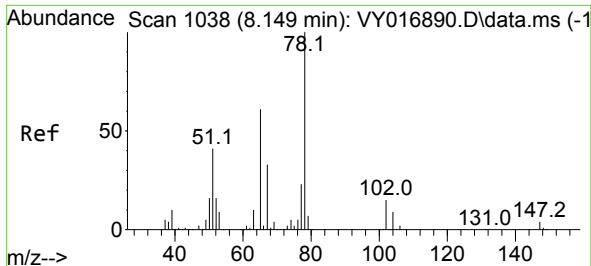
Ion Ratio Lower Upper

56 100

69 130.0 27.0 40.6#

84 146.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.196 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016993.D

Acq: 12 Jan 2024 15:21

Instrument :

MSVOA_Y

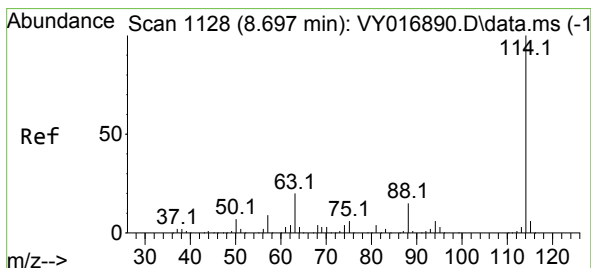
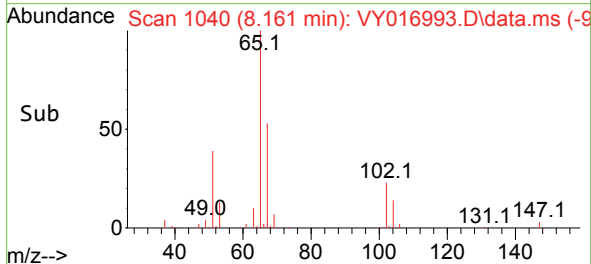
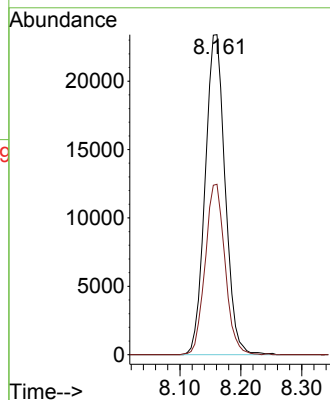
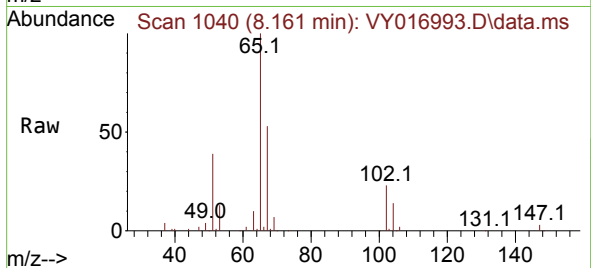
ClientSampleId :

Tgt Ion: 65 Resp: 53262

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016993.D

Acq: 12 Jan 2024 15:21

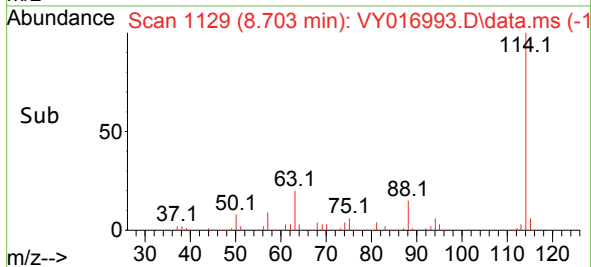
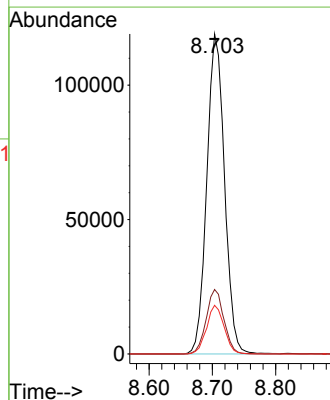
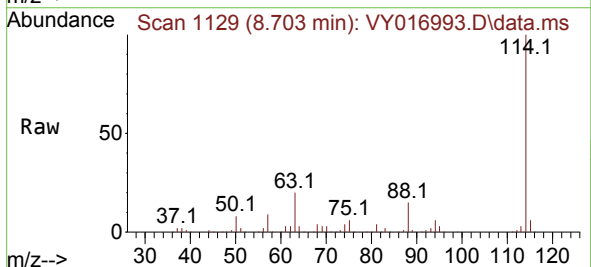
Tgt Ion: 114 Resp: 231897

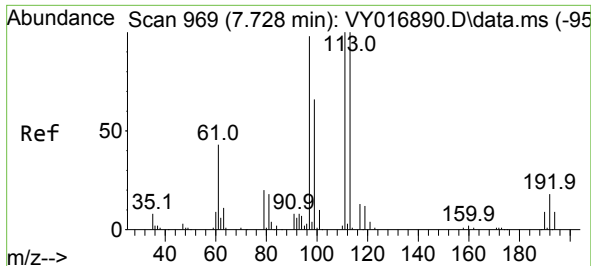
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.2 0.0 29.0

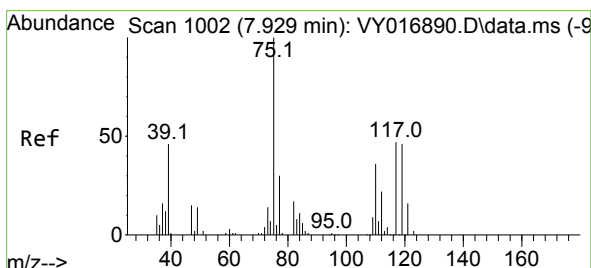
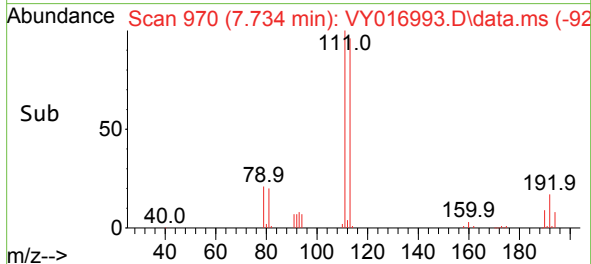
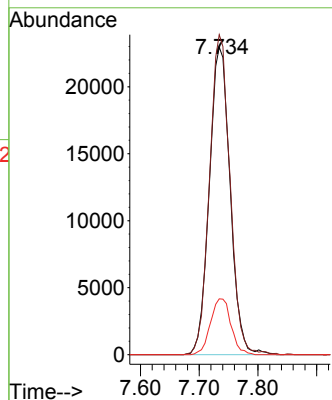
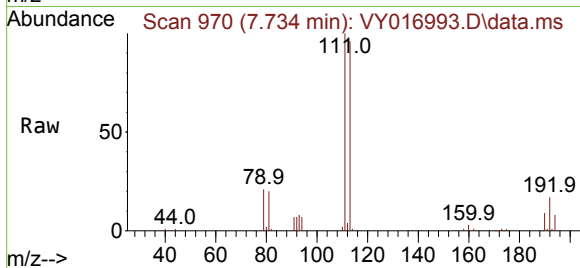




#35
Dibromofluoromethane
Concen: 38.221 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

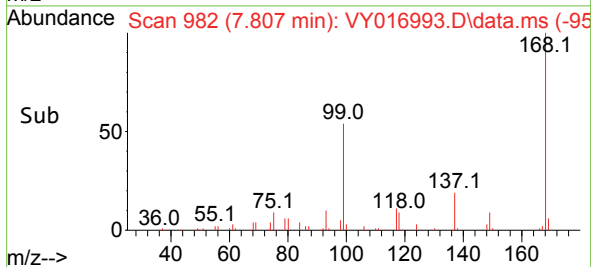
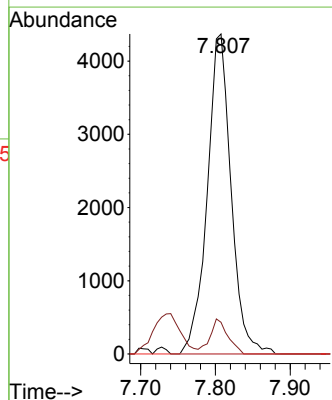
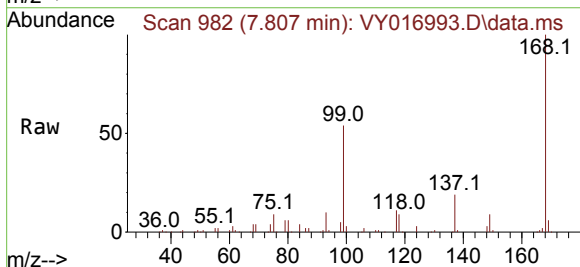
Instrument :
MSVOA_Y
ClientSampleId :

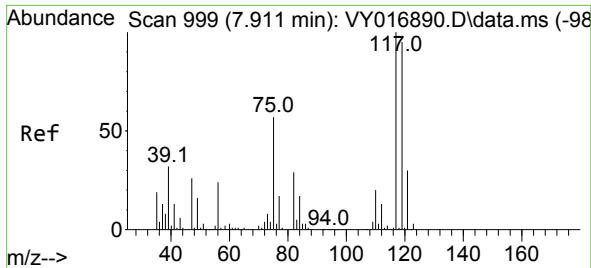
Tgt Ion:113 Resp: 56480
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

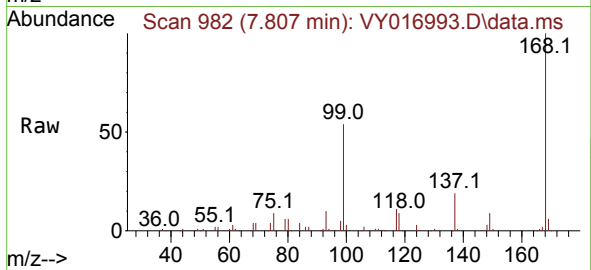
Tgt Ion: 75 Resp: 9722
Ion Ratio Lower Upper
75 100
110 8.1 17.4 52.3#
77 0.0 24.7 37.1#



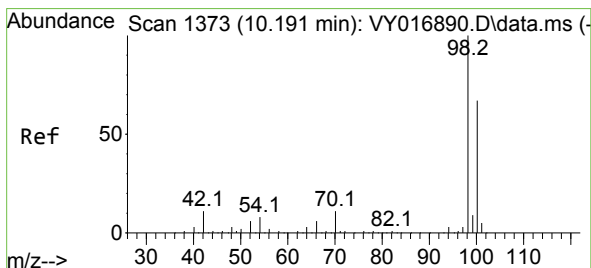
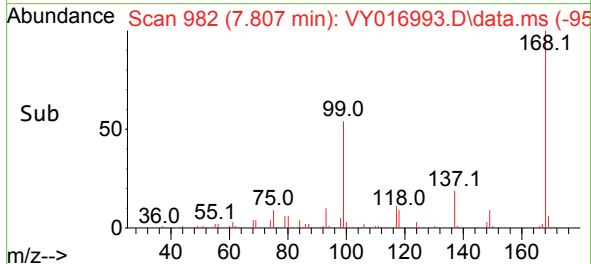
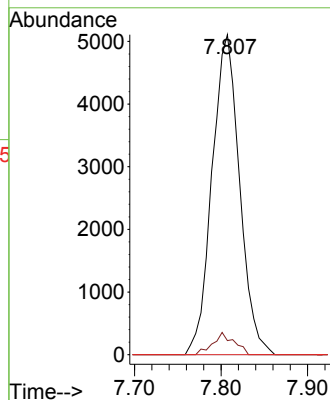


#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

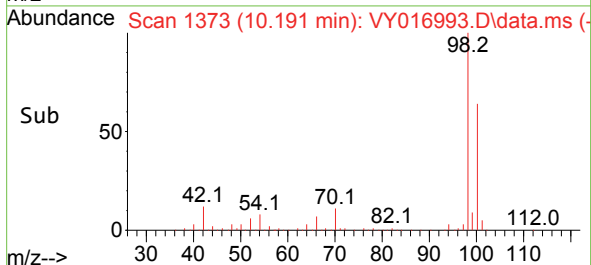
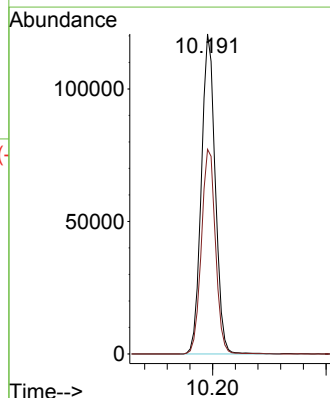
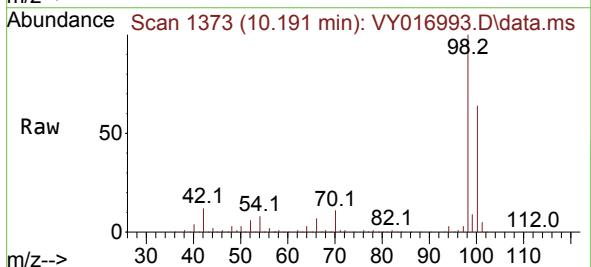


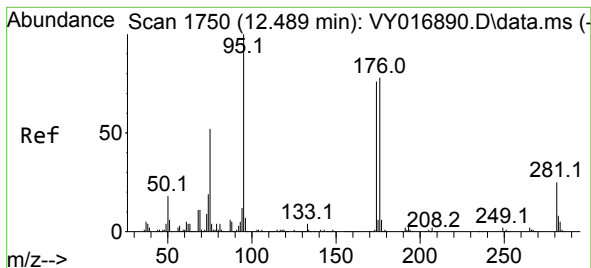
Tgt Ion:117 Resp: 11299
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.309 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Tgt Ion: 98 Resp: 205117
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

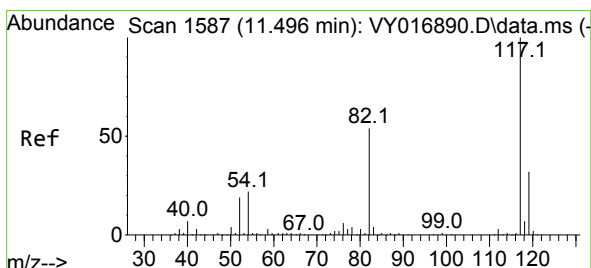
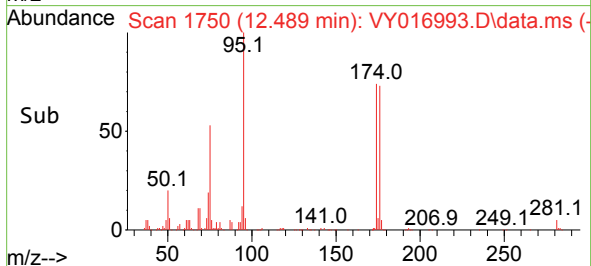
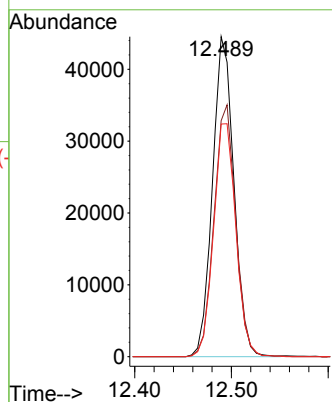
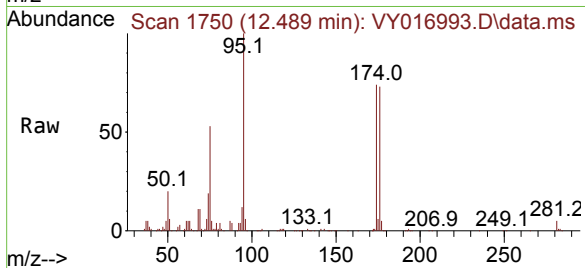




#62
4-Bromofluorobenzene
Concen: 39.723 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

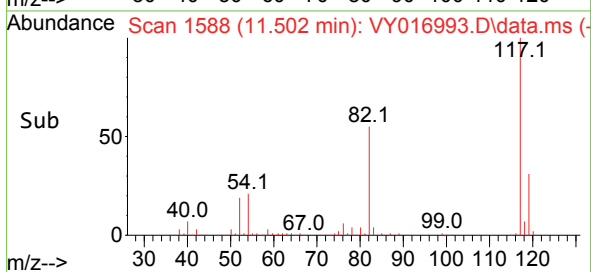
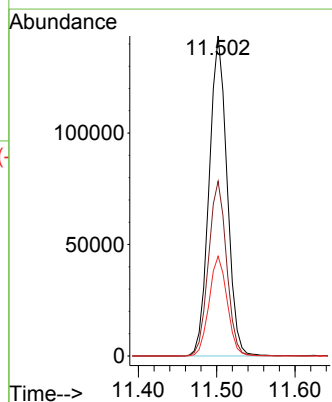
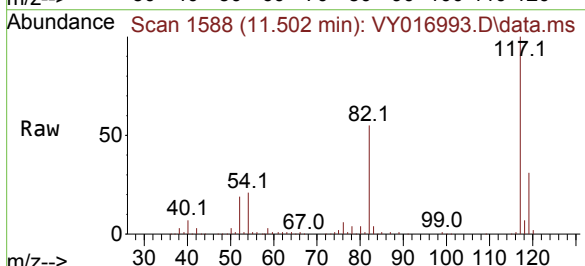
Instrument :
MSVOA_Y
ClientSampleId :

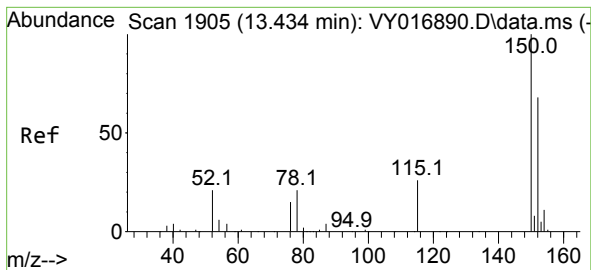
Tgt Ion: 95 Resp: 68197
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 76.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Tgt Ion: 117 Resp: 227947
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.2 26.5 39.7

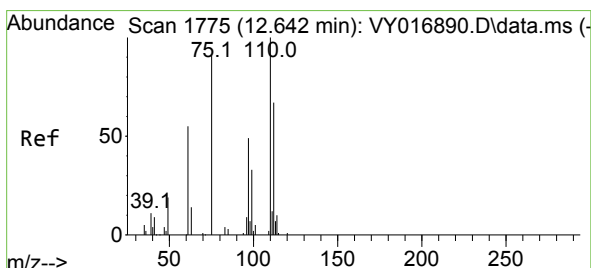
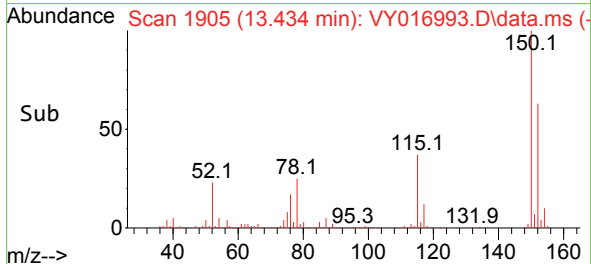
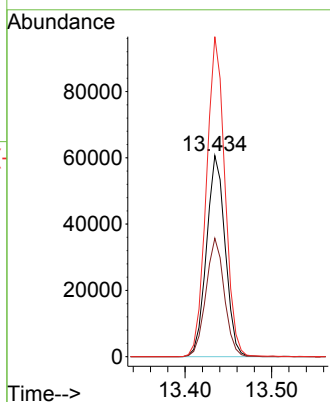
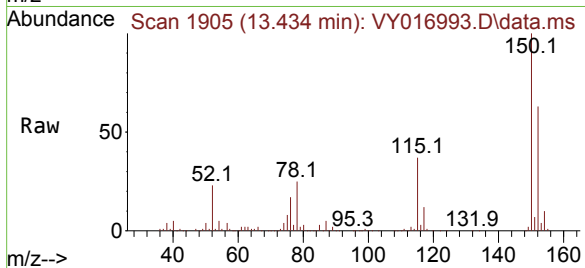




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016993.D
 Acq: 12 Jan 2024 15:21

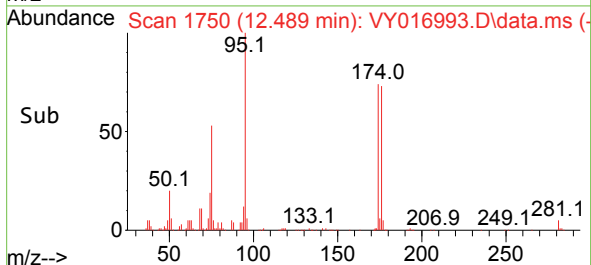
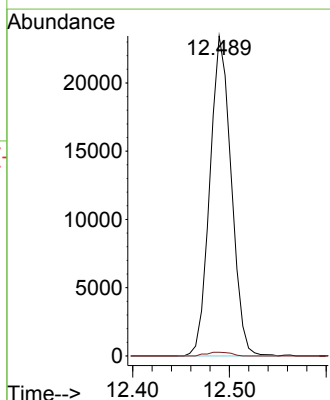
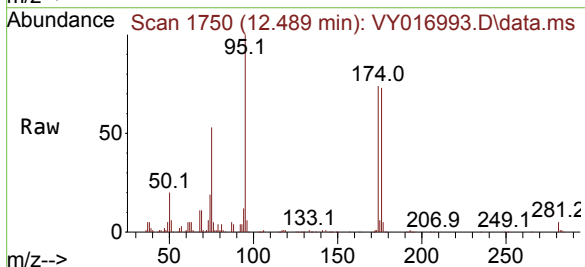
Instrument :
 MSVOA_Y
 ClientSampleId :

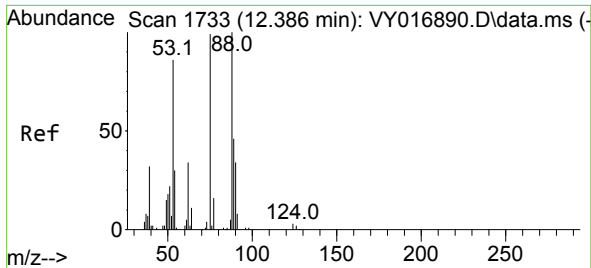
Tgt Ion:152 Resp: 90766
 Ion Ratio Lower Upper
 152 100
 115 58.0 30.0 90.0
 150 157.7 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 36.517 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016993.D
 Acq: 12 Jan 2024 15:21

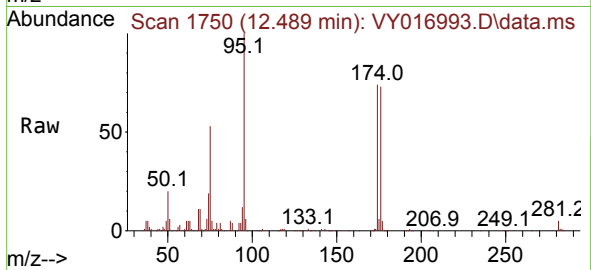
Tgt Ion: 75 Resp: 35968
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.920 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 35968
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

