

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016920.D
 Acq On : 05 Jan 2024 14:16
 Operator : SY/MD
 Sample : P1040-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:35:42 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)

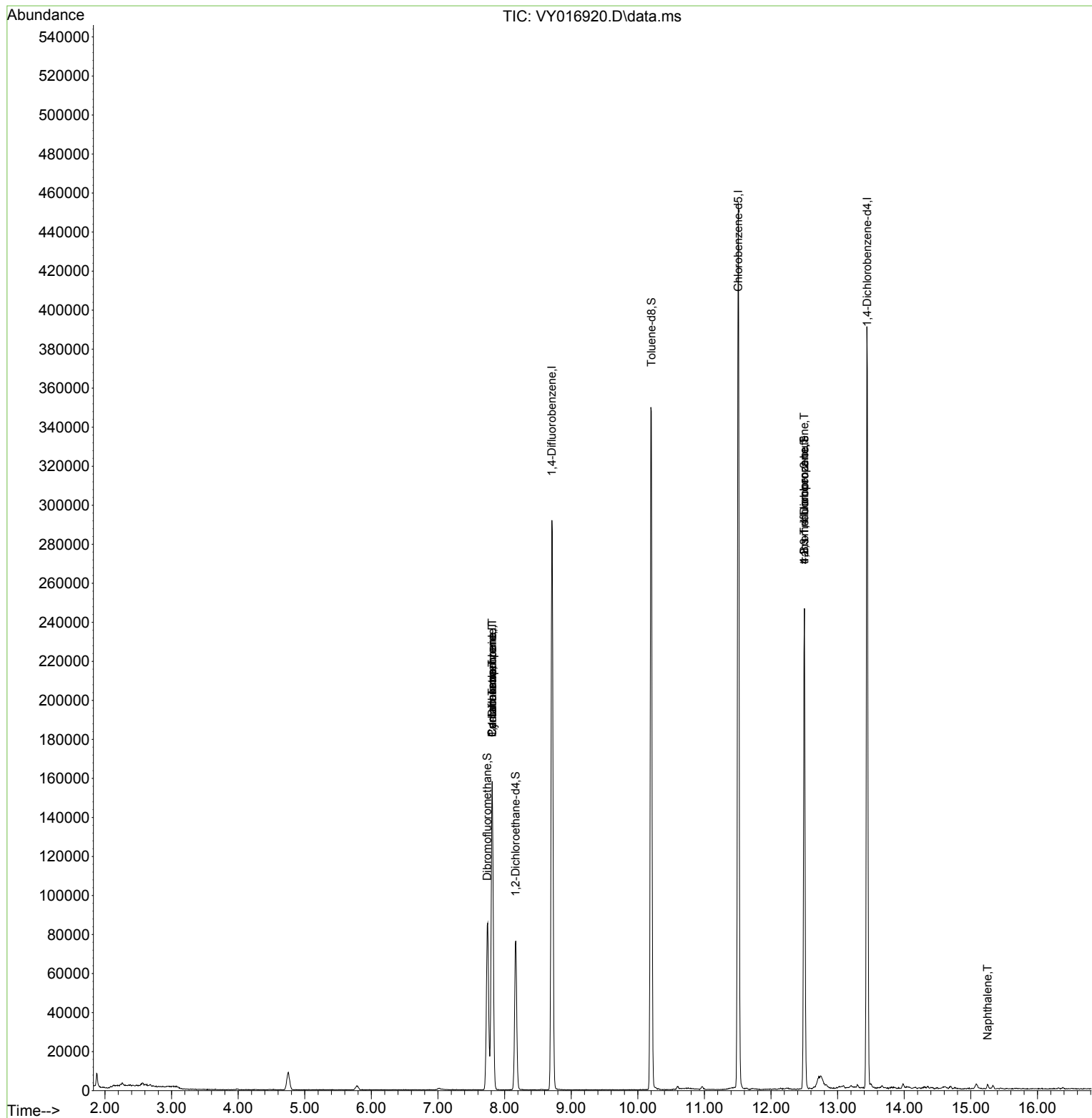
Internal Standards						
1) Pentafluorobenzene	7.813	168	118277	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	254556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	245578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	97181	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58282	49.856	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.740	113	62965	38.816	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.640%
50) Toluene-d8	10.203	98	233290	41.765	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.520%
62) 4-Bromofluorobenzene	12.501	95	76953	40.833	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.660%
Target Compounds						
					Qvalue	
16) Acetone	3.991	43	537	Below Cal	#	82
20) Methylene Chloride	4.753	84	6713	Below Cal		98
25) 2-Butanone	7.021	43	22	Below Cal	#	48
31) Cyclohexane	7.813	56	2711	1.351	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	9762	4.129	ug/l #	49
38) Carbon Tetrachloride	7.813	117	12352	5.143	ug/l #	18
76) 1,2,3-Trichloropropane	12.501	75	40558	38.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	40558	87.330	ug/l #	12
95) Naphthalene	15.251	128	2083	1.385	ug/l	97

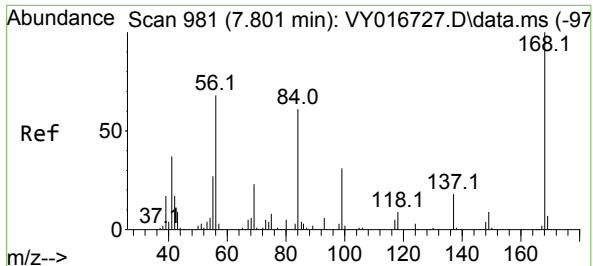
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016920.D
Acq On : 05 Jan 2024 14:16
Operator : SY/MD
Sample : P1040-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 05 22:35:42 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

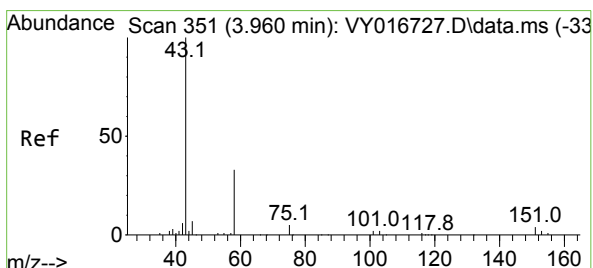
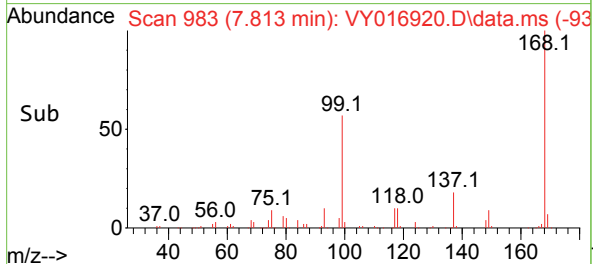
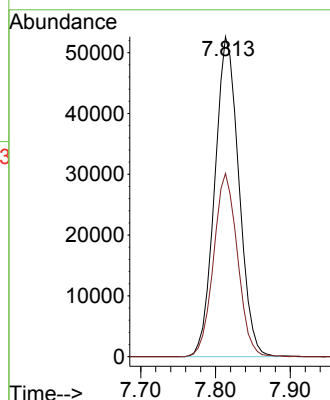
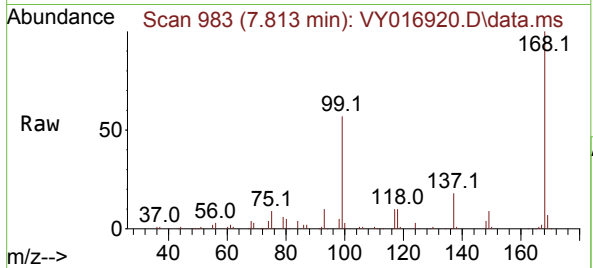




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

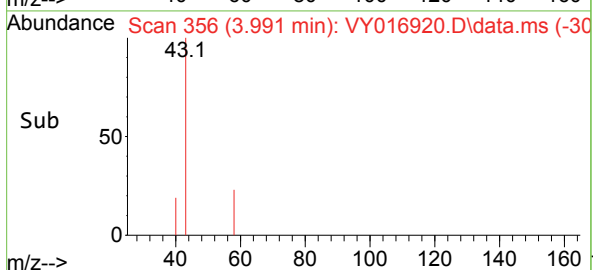
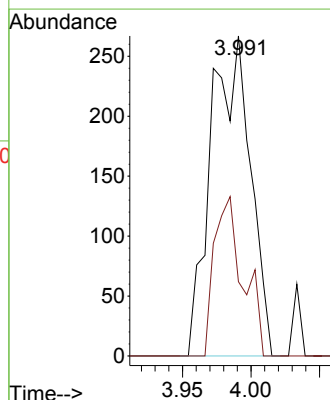
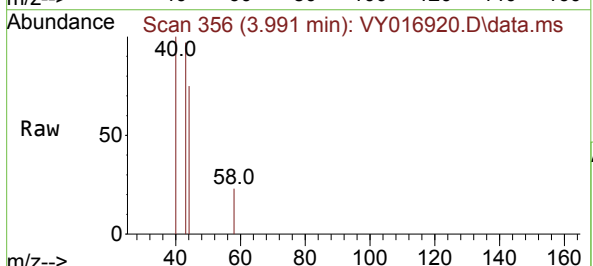
Instrument :
MSVOA_Y
ClientSampleId :

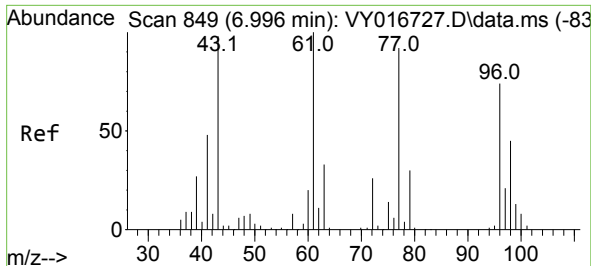
Tgt Ion:168 Resp: 118277
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.991 min Scan# 356
Delta R.T. 0.031 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 23.2 26.6 39.8#





#25

2-Butanone

Concen: Below Cal

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

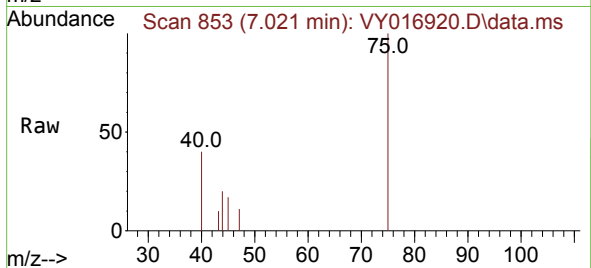
Lab File: VY016920.D

Acq: 05 Jan 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

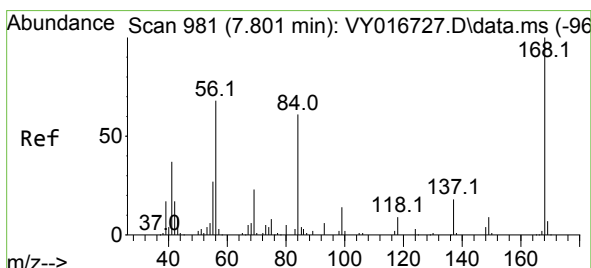
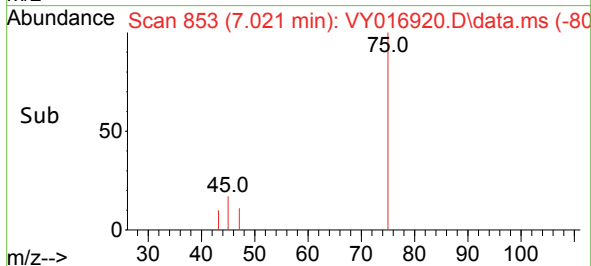
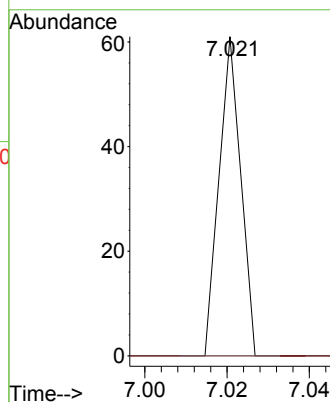


Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.351 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY016920.D

Acq: 05 Jan 2024 14:16

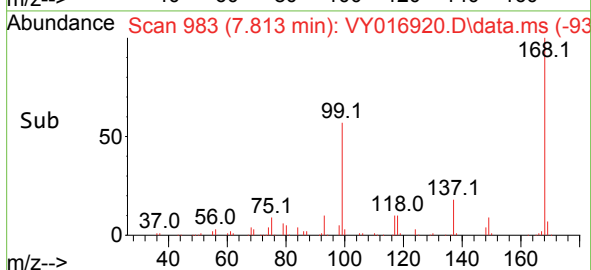
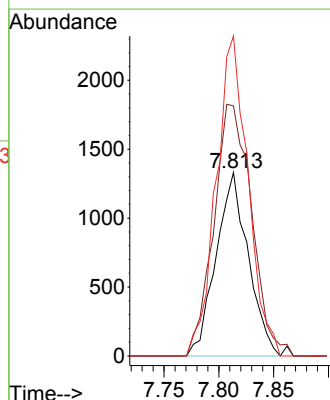
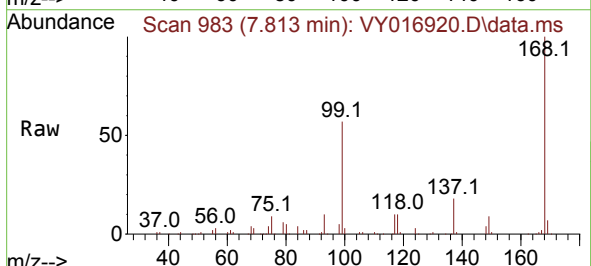
Tgt Ion: 56 Resp: 2711

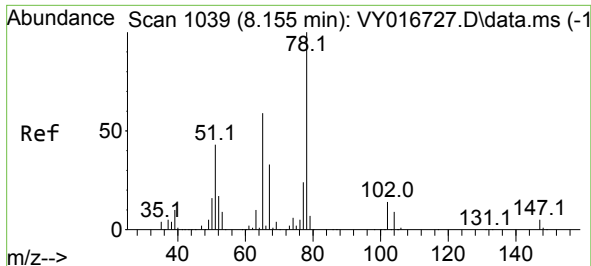
Ion Ratio Lower Upper

56 100

69 136.4 27.0 40.6#

84 174.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.856 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016920.D

Acq: 05 Jan 2024 14:16

Instrument :

MSVOA_Y

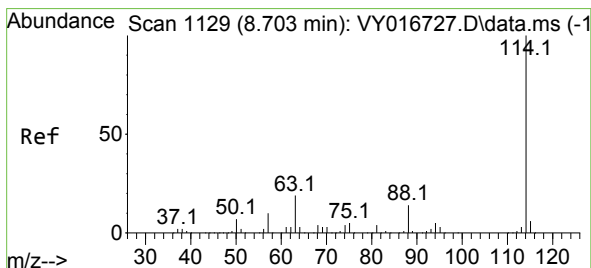
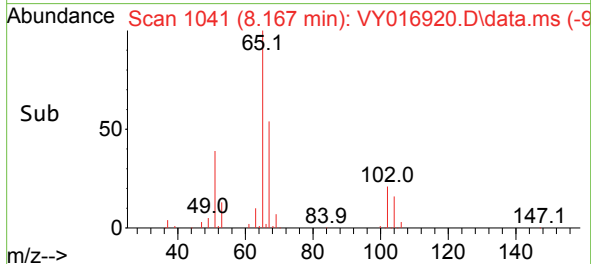
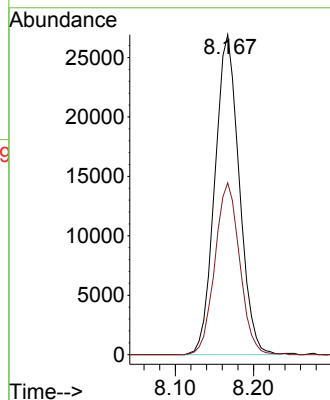
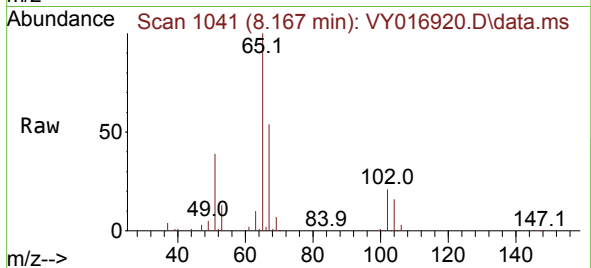
ClientSampleId :

Tgt Ion: 65 Resp: 58282

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016920.D

Acq: 05 Jan 2024 14:16

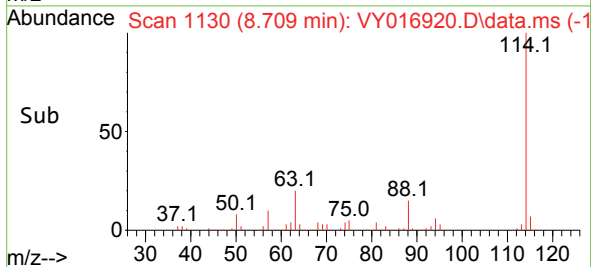
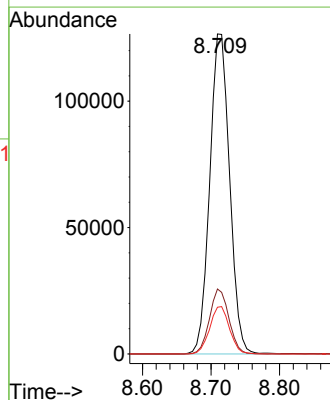
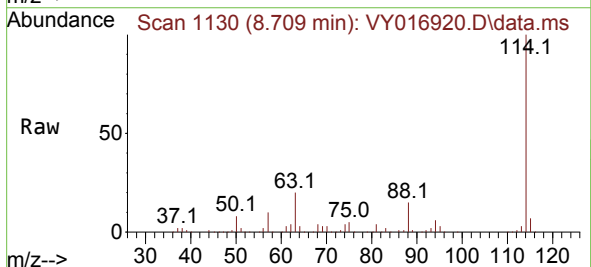
Tgt Ion: 114 Resp: 254556

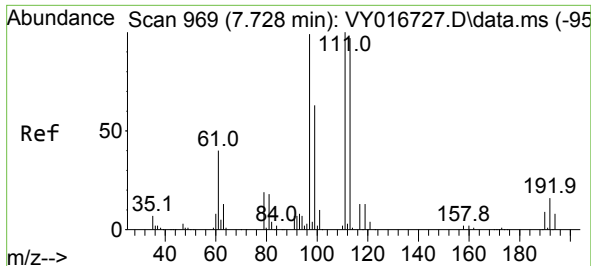
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

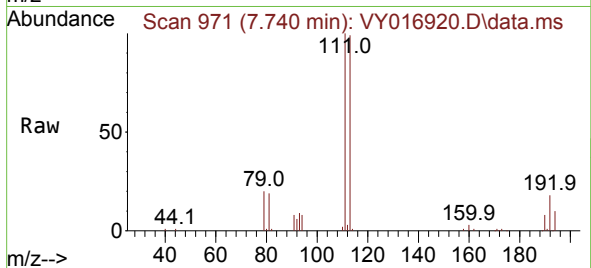
88 14.6 0.0 29.0



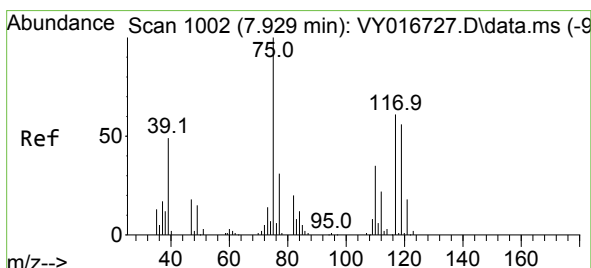
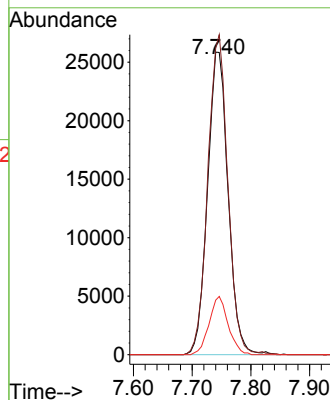
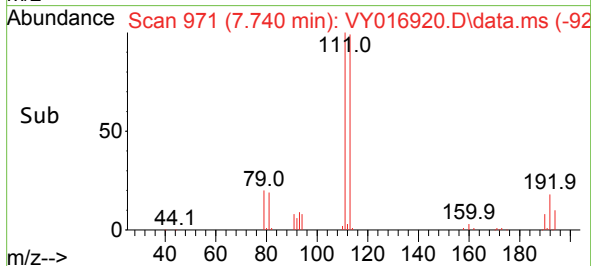


#35
Dibromofluoromethane
Concen: 38.816 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

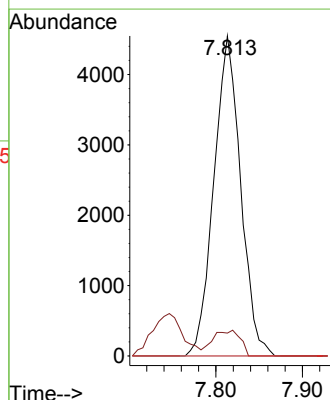
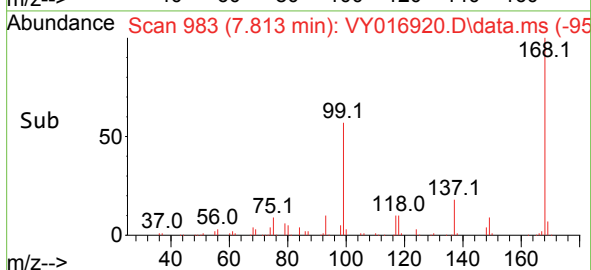
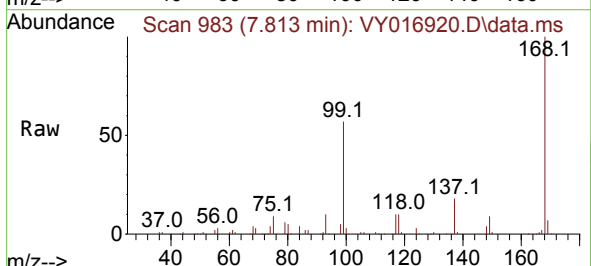


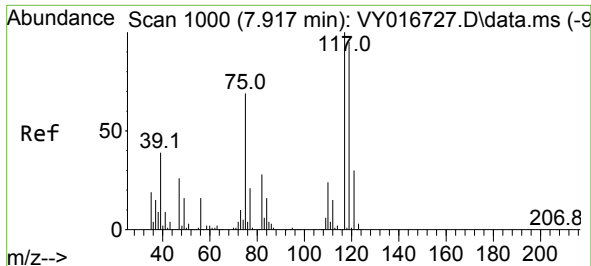
Tgt Ion:113 Resp: 62965
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.129 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

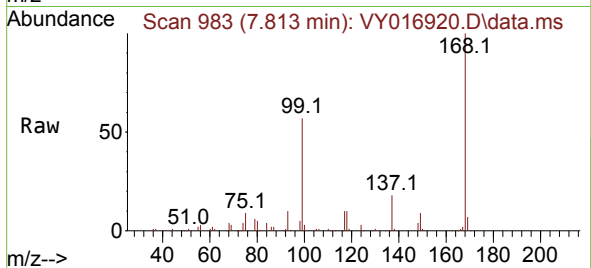
Tgt Ion: 75 Resp: 9762
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.7 37.1#



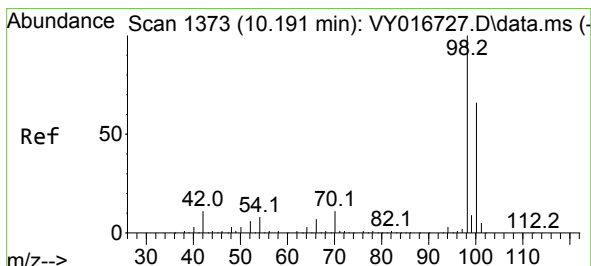
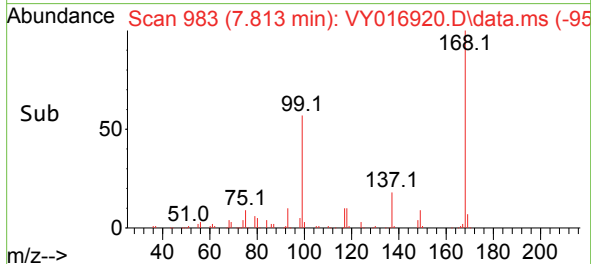
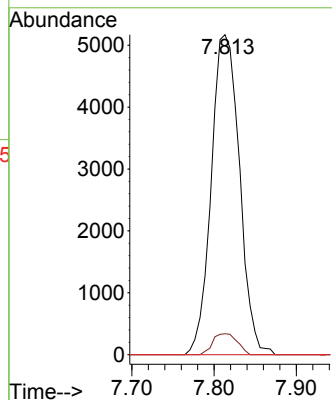


#38
Carbon Tetrachloride
Concen: 5.143 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

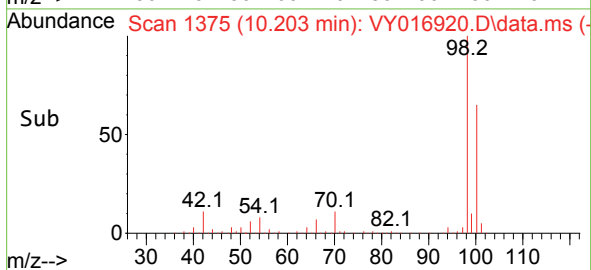
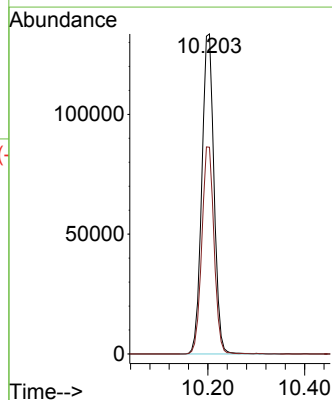
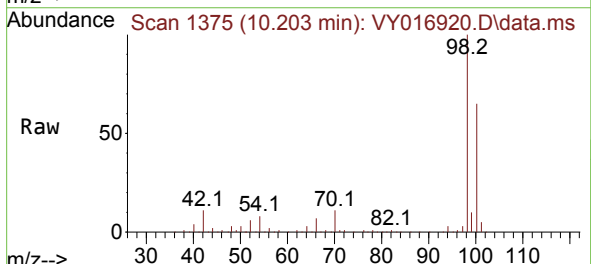


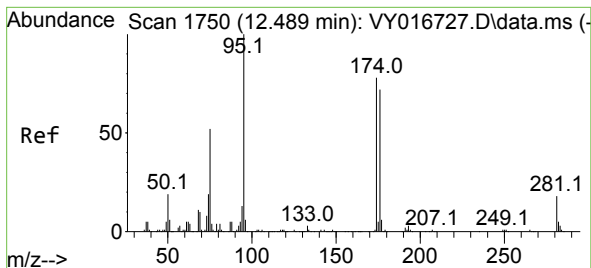
Tgt Ion:117 Resp: 12352
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 41.765 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Tgt Ion: 98 Resp: 233290
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

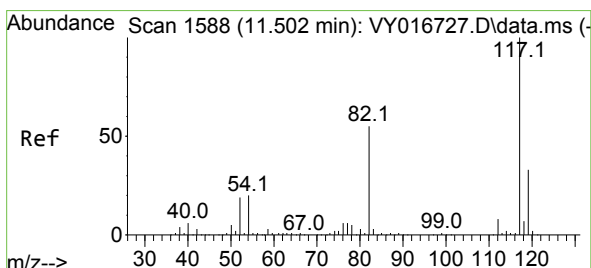
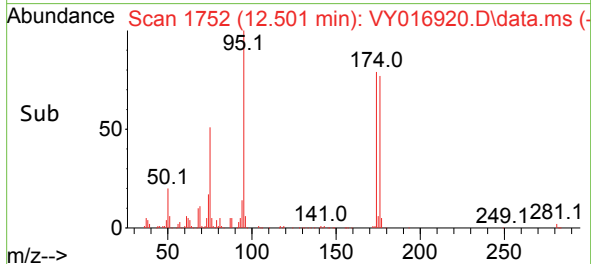
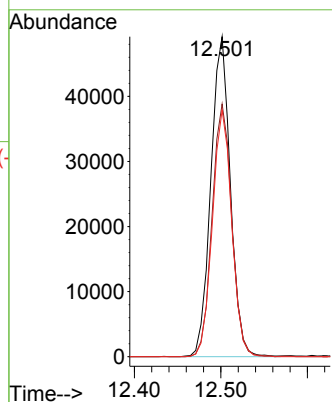
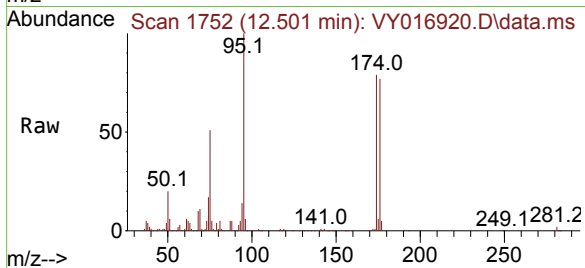




#62
4-Bromofluorobenzene
Concen: 40.833 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

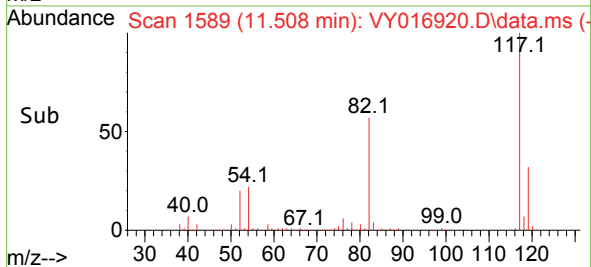
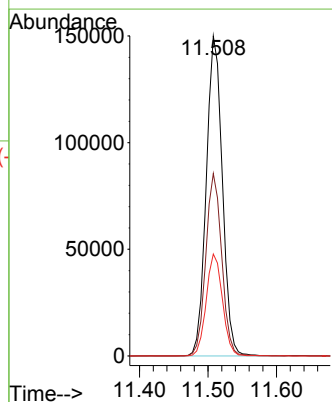
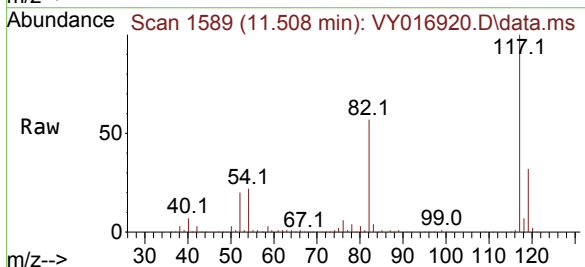
Instrument :
MSVOA_Y
ClientSampleId :

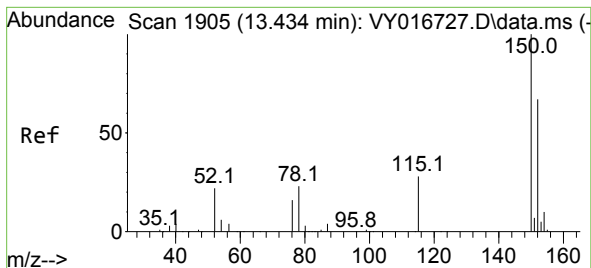
Tgt Ion: 95 Resp: 76953
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 76.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Tgt Ion: 117 Resp: 245578
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 31.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY016920.D

Acq: 05 Jan 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

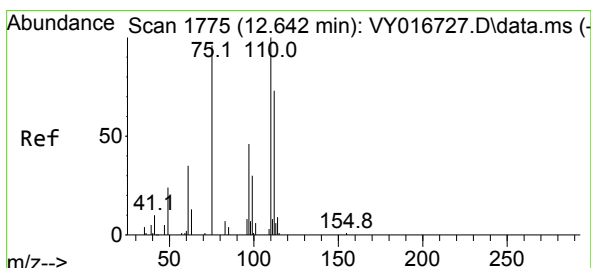
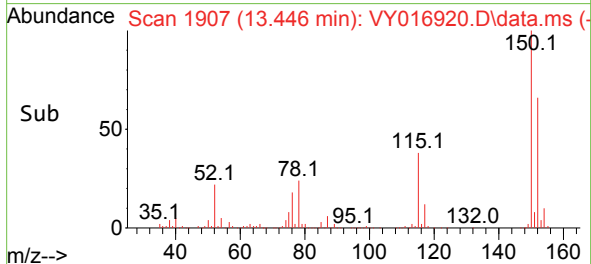
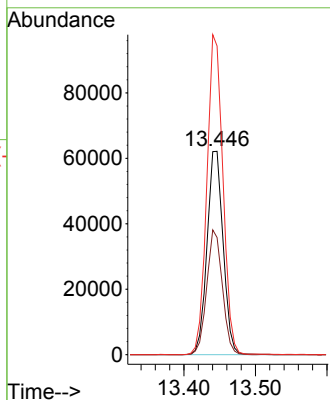
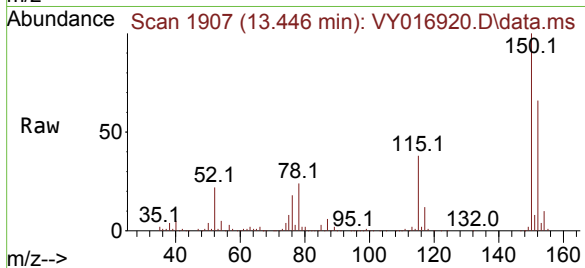
Tgt Ion:152 Resp: 97181

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 156.7 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 38.459 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. -0.141 min

Lab File: VY016920.D

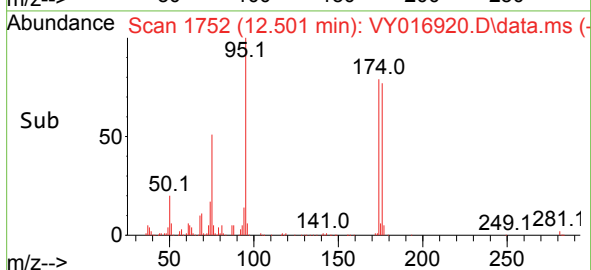
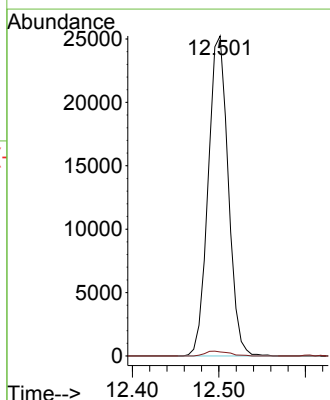
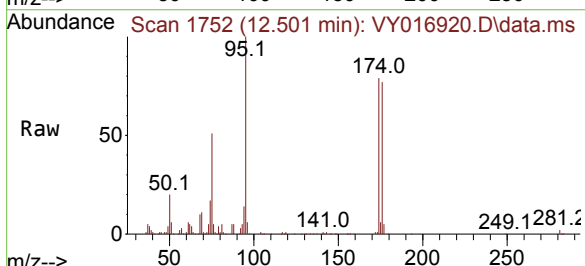
Acq: 05 Jan 2024 14:16

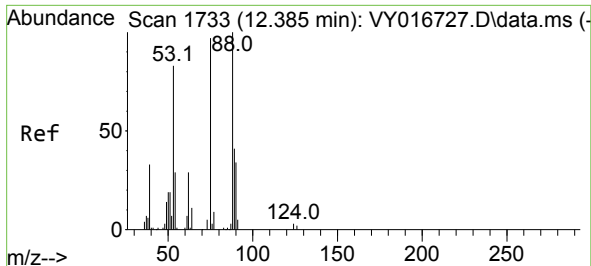
Tgt Ion: 75 Resp: 40558

Ion Ratio Lower Upper

75 100

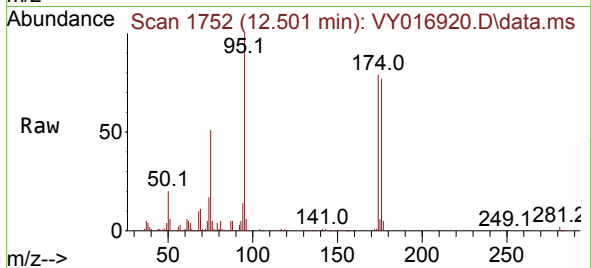
77 1.8 0.0 0.0#



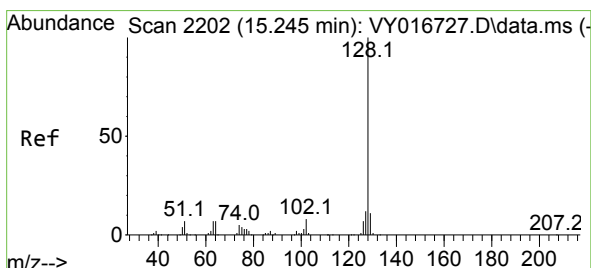
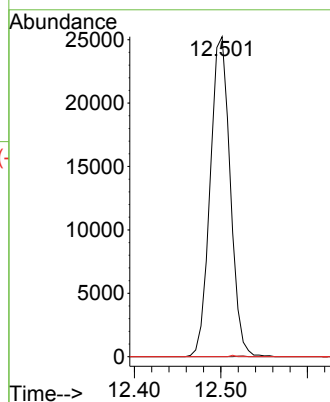
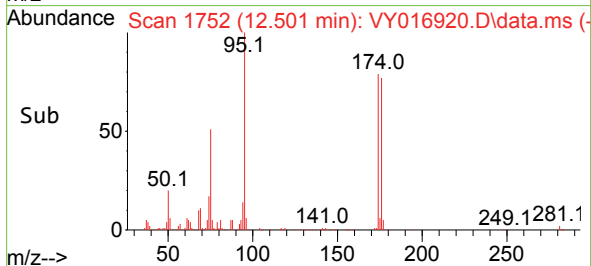


#81
trans-1,4-Dichloro-2-butene
Concen: 87.330 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

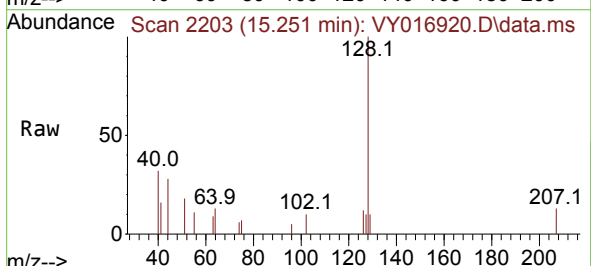
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 40558
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 1.385 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16



Tgt Ion: 128 Resp: 2083
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 11.4 8.6 12.8

