

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017459.D
 Acq On : 22 Feb 2024 15:37
 Operator : SY/MD
 Sample : P1537-08RE
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:31:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

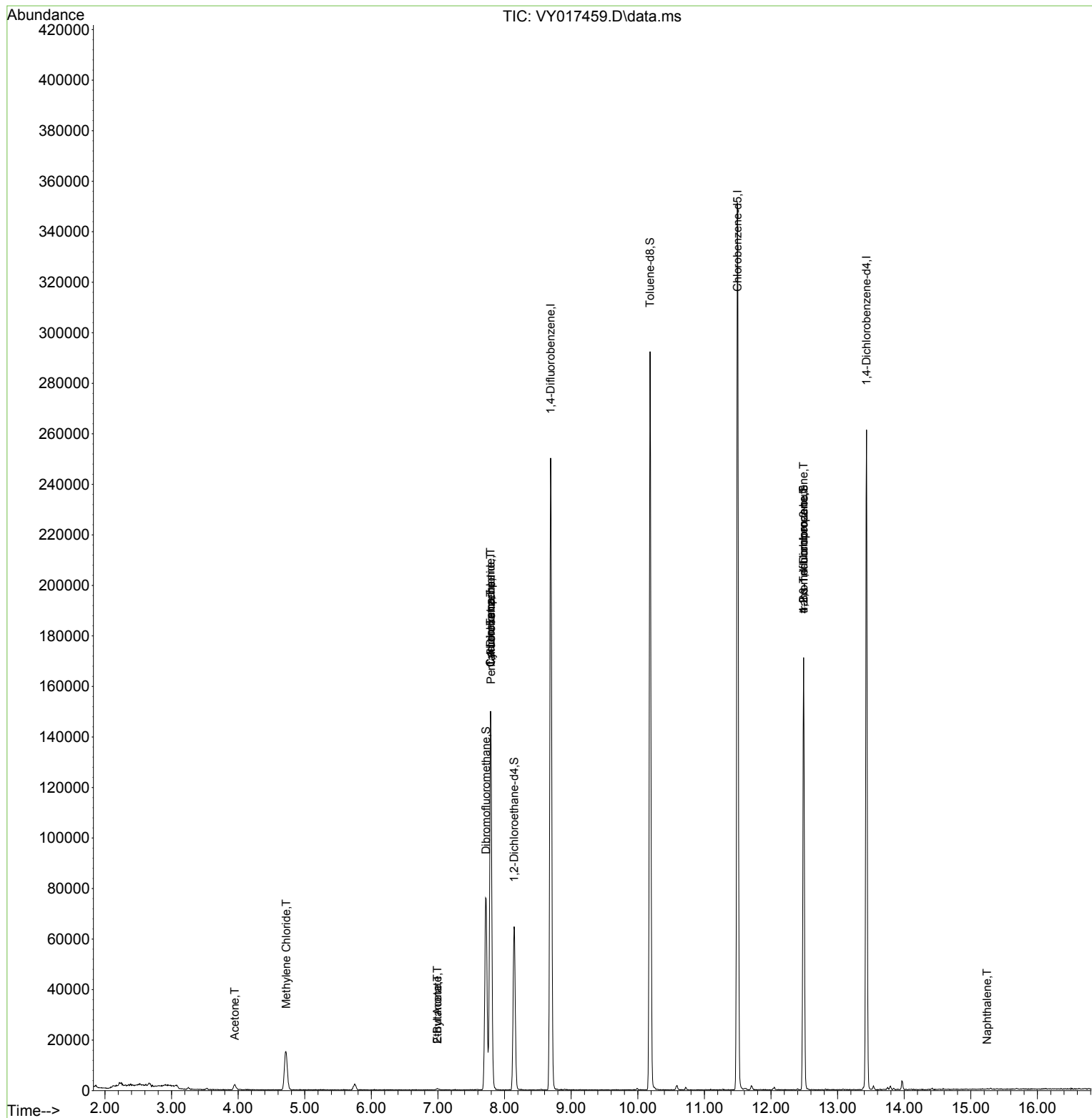
Internal Standards						
1) Pentafluorobenzene	7.795	168	122049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49621	47.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.722	113	56206	41.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.340%
50) Toluene-d8	10.185	98	194849	37.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.500%
62) 4-Bromofluorobenzene	12.489	95	50488	29.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	394	Below Cal		93
16) Acetone	3.948	43	3577	15.841	ug/l	88
20) Methylene Chloride	4.723	84	12629	3.460	ug/l	98
25) 2-Butanone	6.990	43	833	2.628	ug/l	93
31) Cyclohexane	7.789	56	2110	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8594	3.815	ug/l #	47
37) Ethyl Acetate	6.990	43	833	1.016	ug/l #	67
38) Carbon Tetrachloride	7.789	117	11195	4.992	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	25203	37.144	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	25203	86.602	ug/l #	16
95) Naphthalene	15.245	128	257	3.654	ug/l #	77

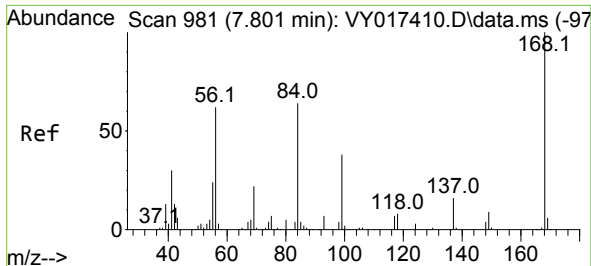
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 23 00:31:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

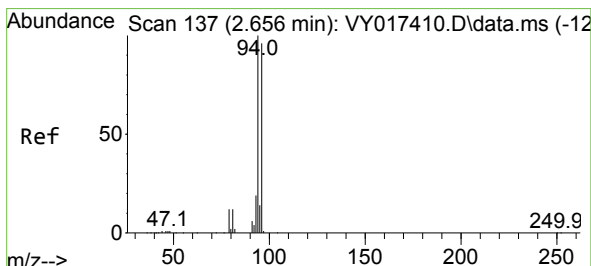
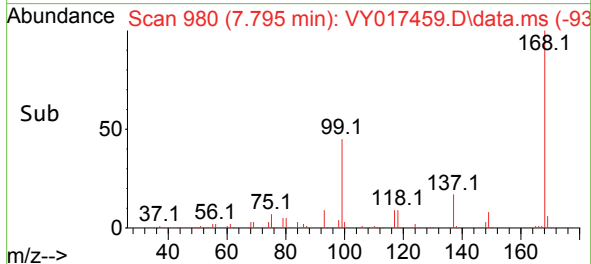
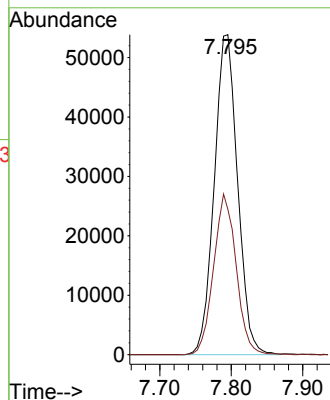
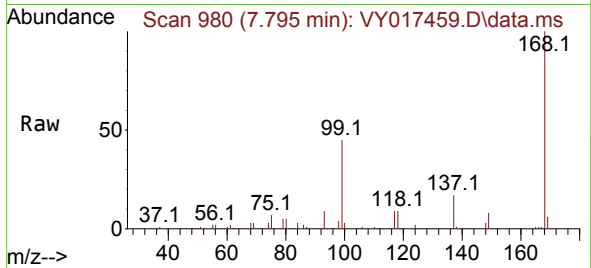




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

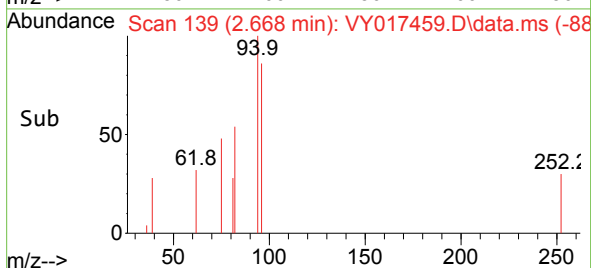
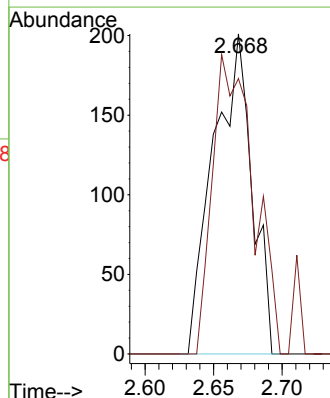
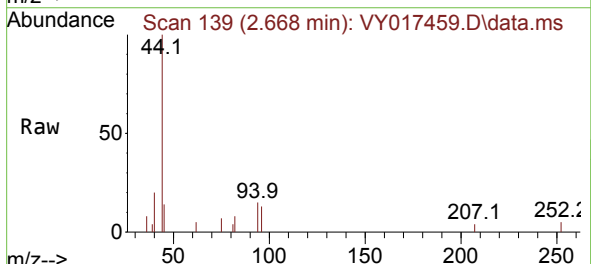
Instrument :
MSVOA_Y
ClientSampleId :

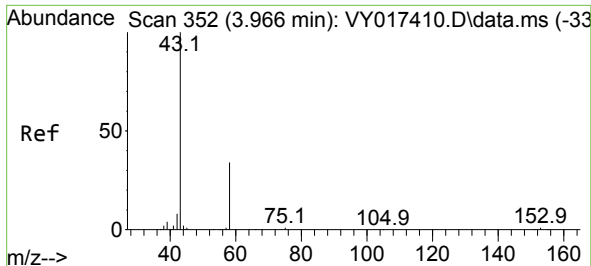
Tgt Ion:168 Resp: 122049
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Tgt Ion: 94 Resp: 394
Ion Ratio Lower Upper
94 100
96 86.1 74.1 111.1

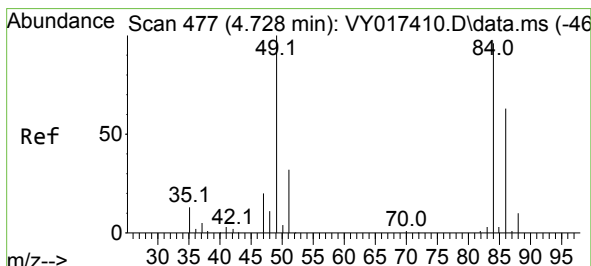
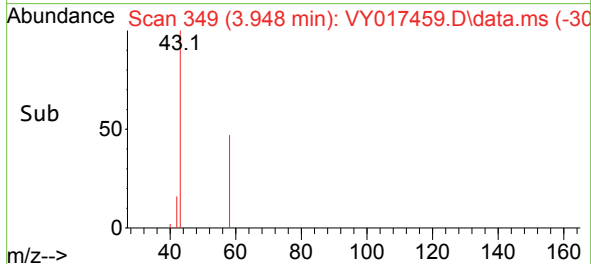
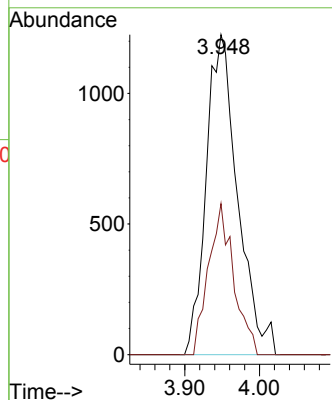
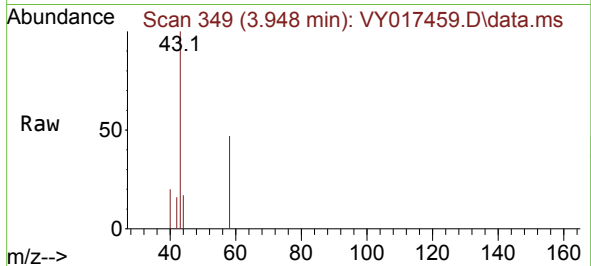




#16
Acetone
Concen: 15.841 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

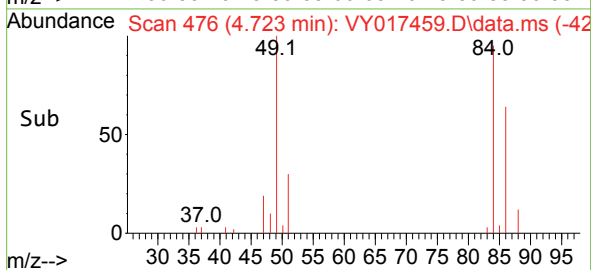
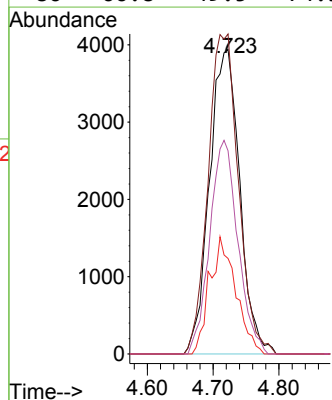
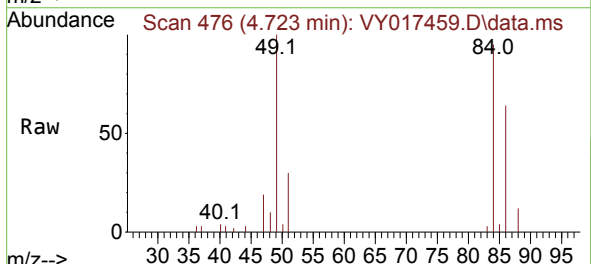
Instrument :
MSVOA_Y
ClientSampleId :

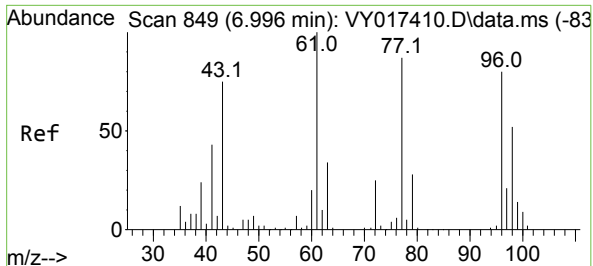
Tgt Ion: 43 Resp: 3577
Ion Ratio Lower Upper
43 100
58 47.2 31.7 47.5



#20
Methylene Chloride
Concen: 3.460 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Tgt Ion: 84 Resp: 12629
Ion Ratio Lower Upper
84 100
49 105.1 84.4 126.6
51 31.4 26.0 39.0
86 66.8 49.5 74.3





#25

2-Butanone

Concen: 2.628 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

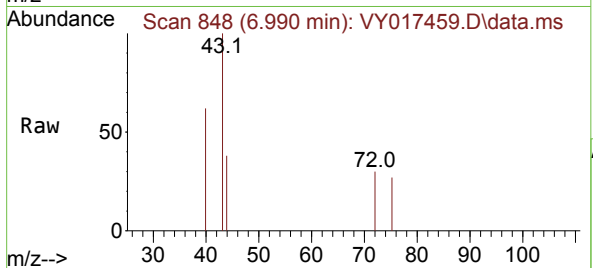
Lab File: VY017459.D

Acq: 22 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

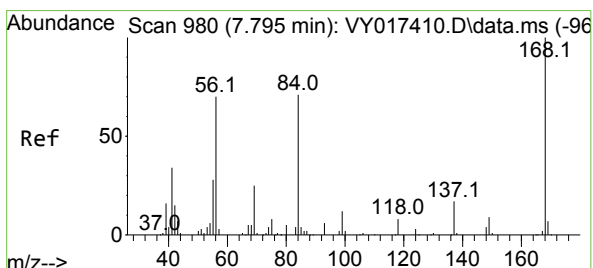
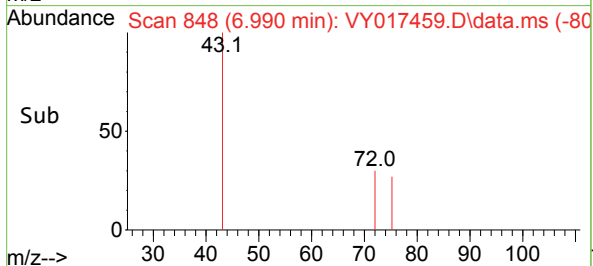
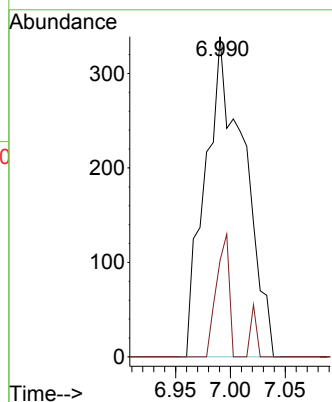


Tgt Ion: 43 Resp: 833

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#31

Cyclohexane

Concen: 1.022 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY017459.D

Acq: 22 Feb 2024 15:37

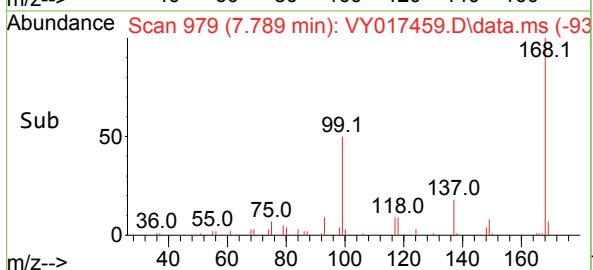
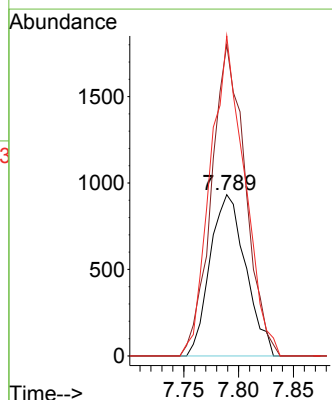
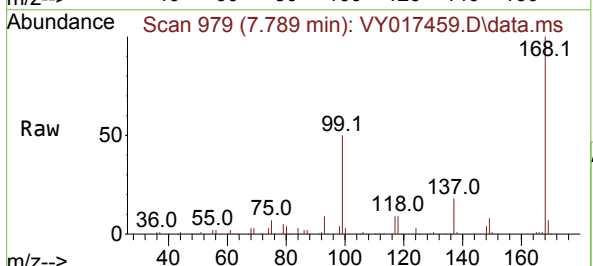
Tgt Ion: 56 Resp: 2110

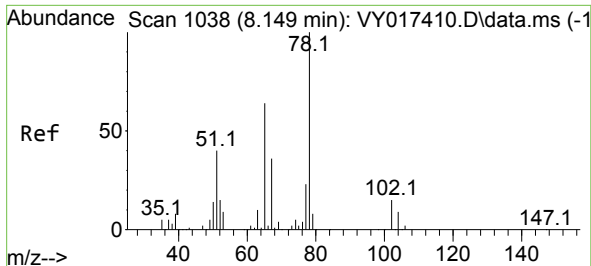
Ion Ratio Lower Upper

56 100

69 193.0 28.7 43.1#

84 198.4 77.7 116.5#

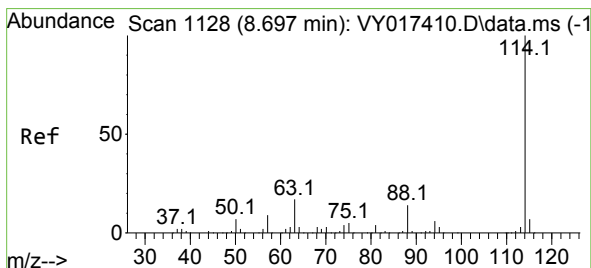
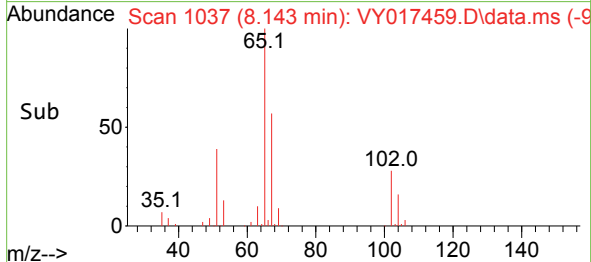
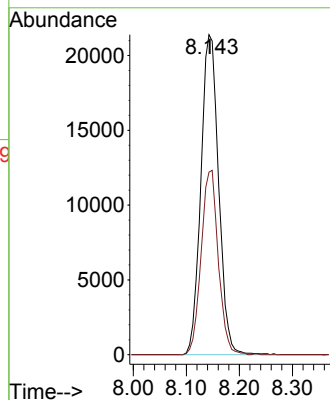
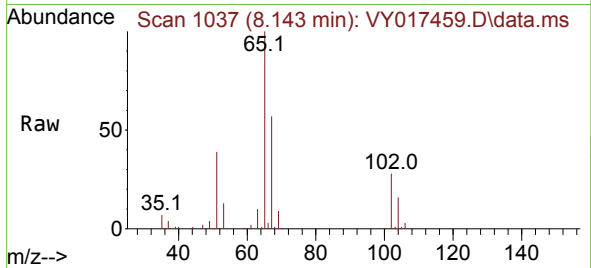




#33
 1,2-Dichloroethane-d4
 Concen: 47.591 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY017459.D
 Acq: 22 Feb 2024 15:37

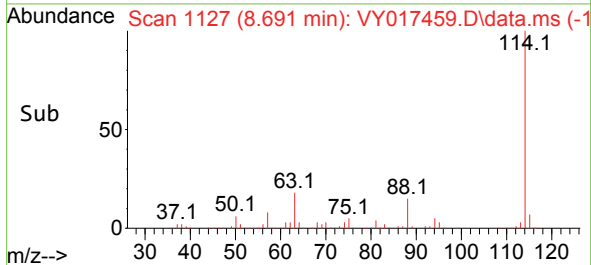
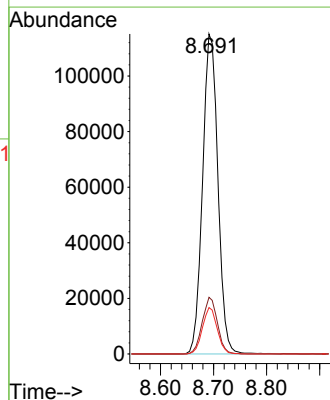
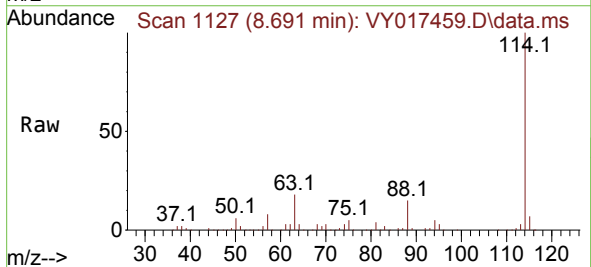
Instrument :
 MSVOA_Y
 ClientSampleId :

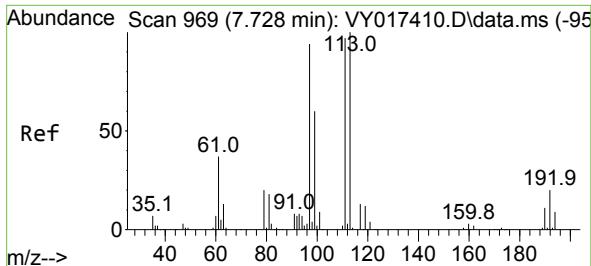
Tgt Ion: 65 Resp: 49621
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY017459.D
 Acq: 22 Feb 2024 15:37

Tgt Ion: 114 Resp: 230414
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.0
 88 14.5 0.0 27.2

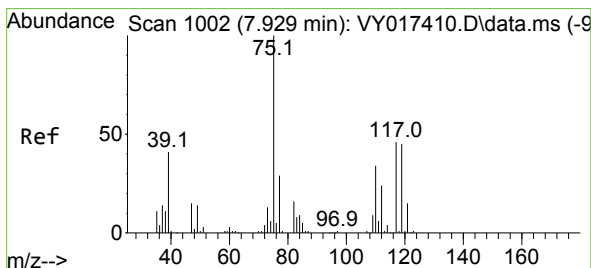
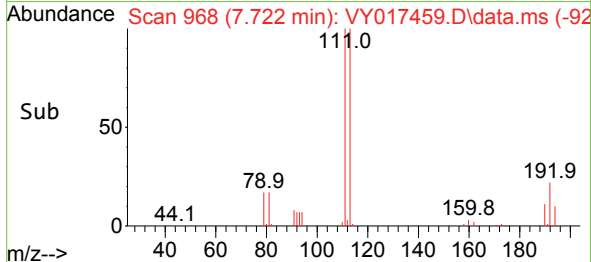
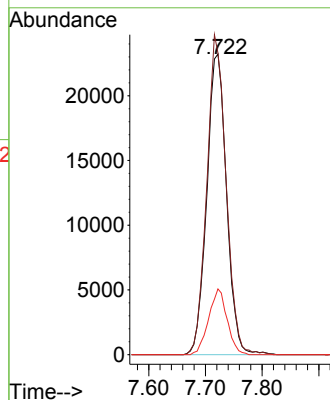
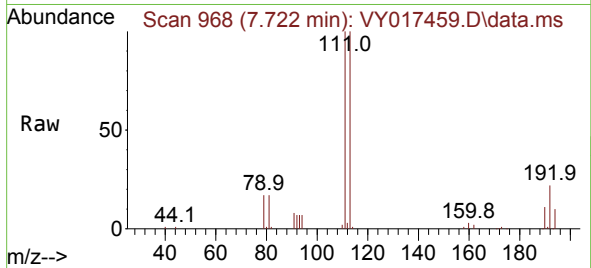




#35
Dibromofluoromethane
Concen: 41.672 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

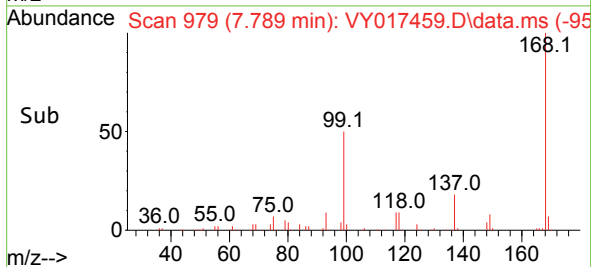
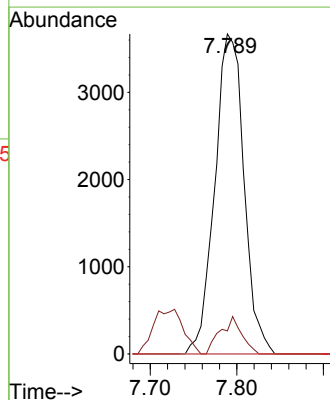
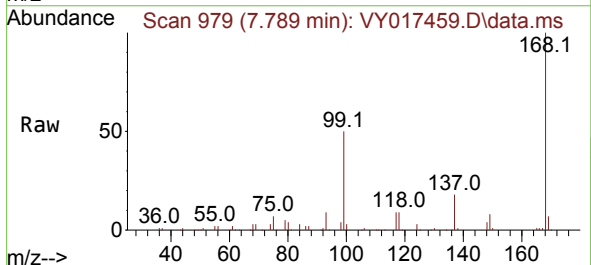
Instrument :
MSVOA_Y
ClientSampleId :

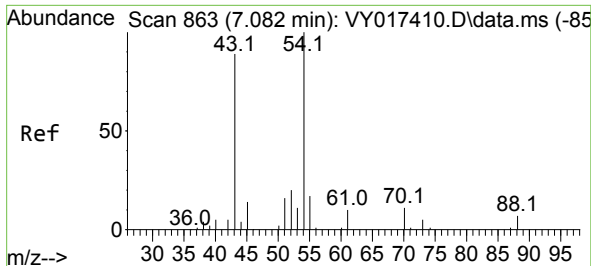
Tgt Ion:113 Resp: 56206
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.815 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

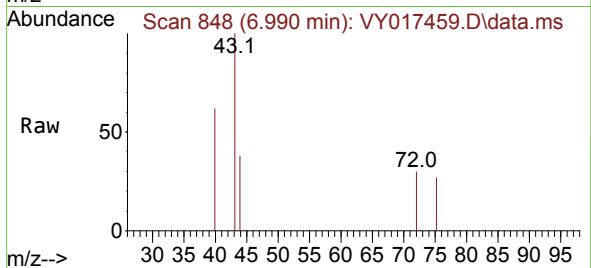
Tgt Ion: 75 Resp: 8594
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



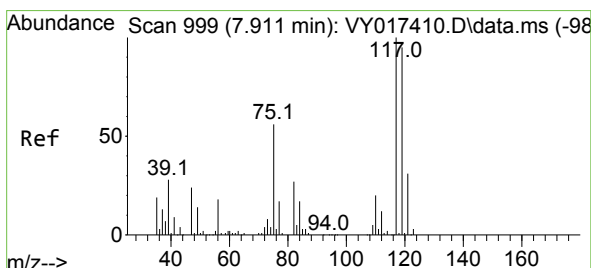
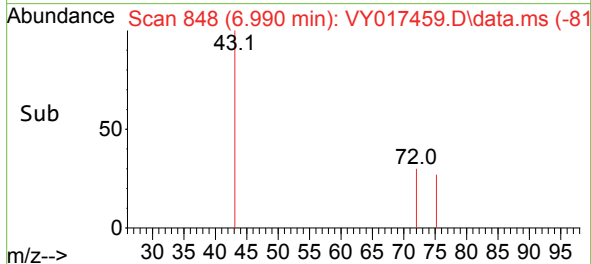
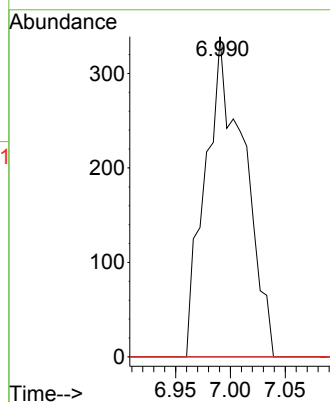


#37
Ethyl Acetate
Concen: 1.016 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

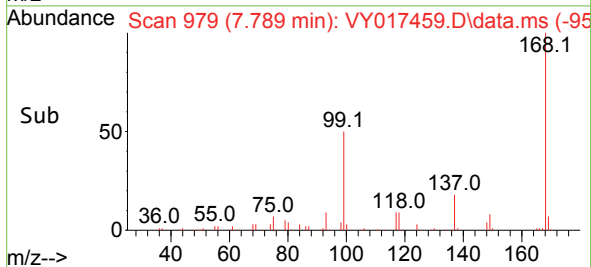
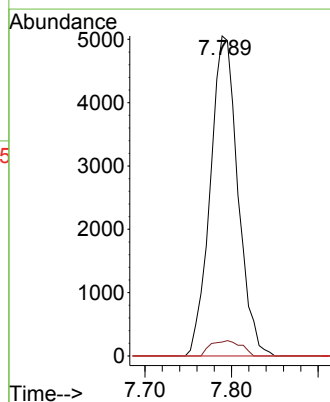
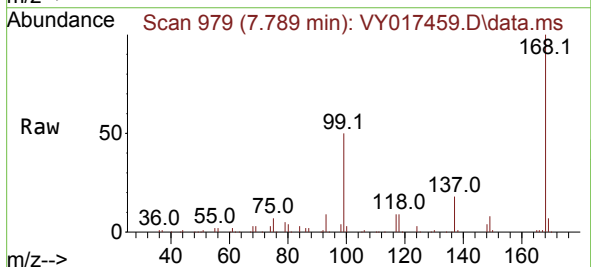


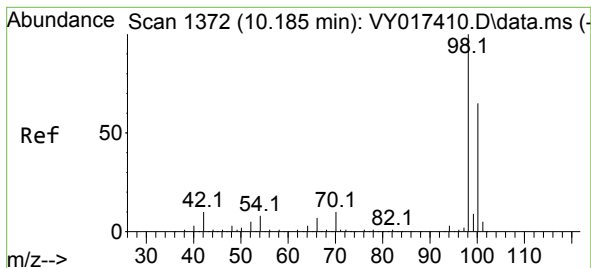
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 4.992 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Tgt Ion: 117 Resp: 11195
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 37.249 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017459.D

Acq: 22 Feb 2024 15:37

Instrument :

MSVOA_Y

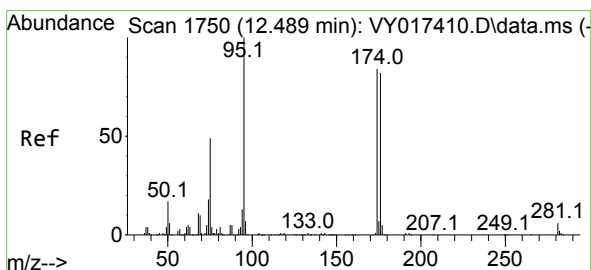
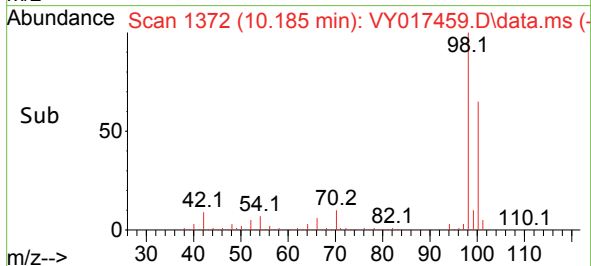
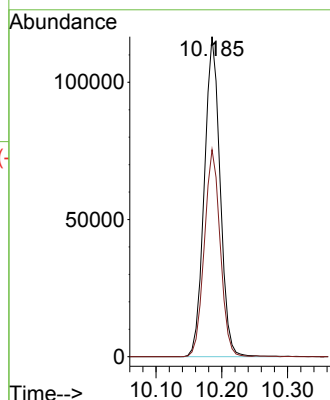
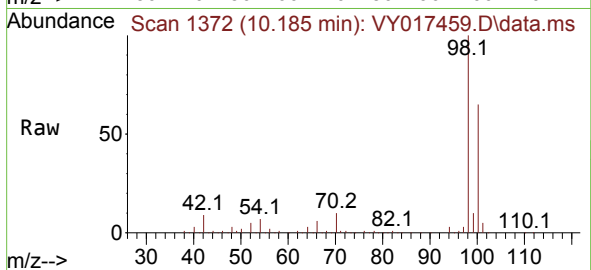
ClientSampleId :

Tgt Ion: 98 Resp: 194849

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 29.667 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017459.D

Acq: 22 Feb 2024 15:37

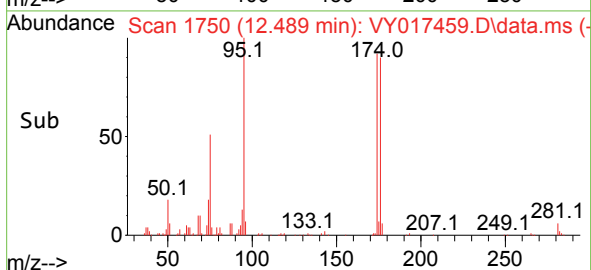
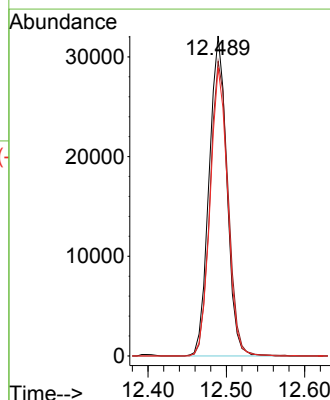
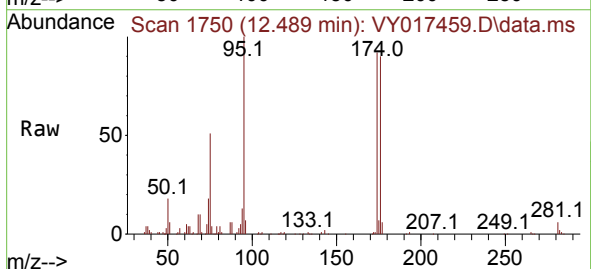
Tgt Ion: 95 Resp: 50488

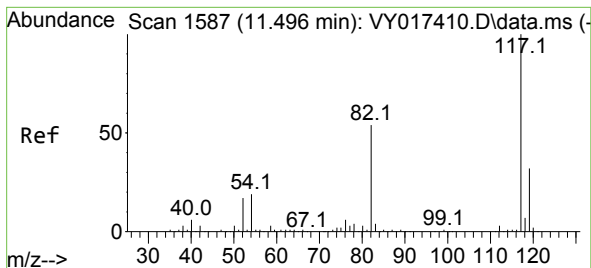
Ion Ratio Lower Upper

95 100

174 93.9 0.0 175.6

176 89.0 0.0 171.4

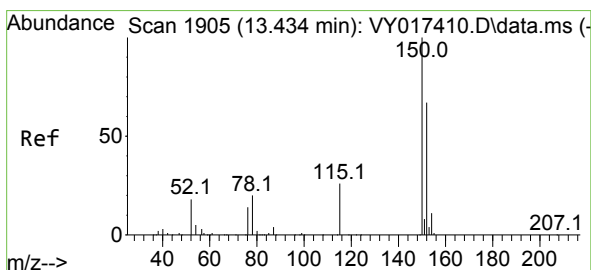
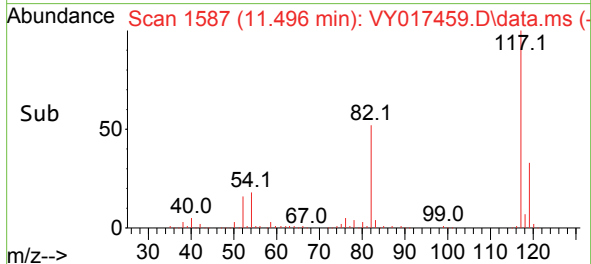
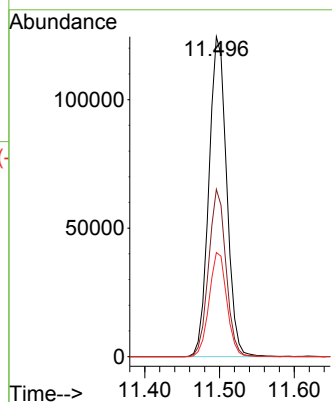
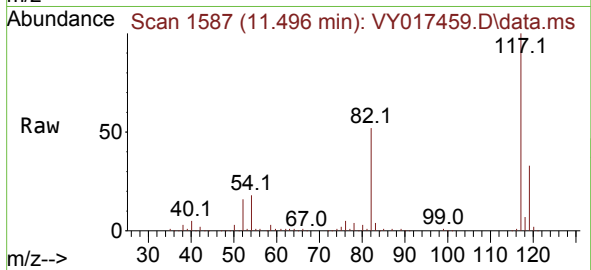




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

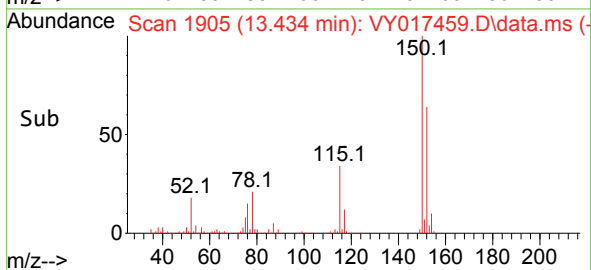
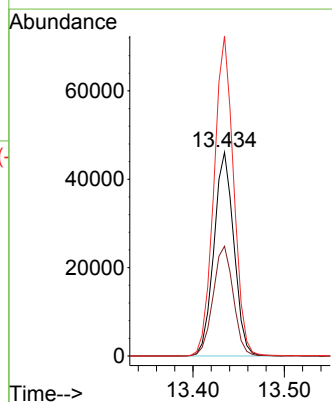
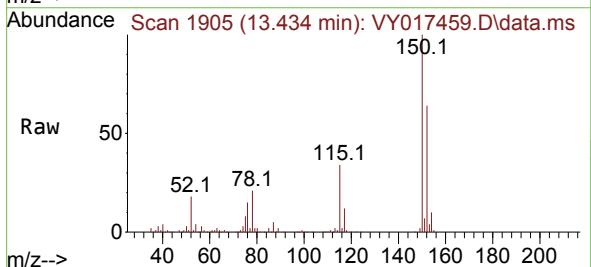
Instrument :
MSVOA_Y
ClientSampleId :

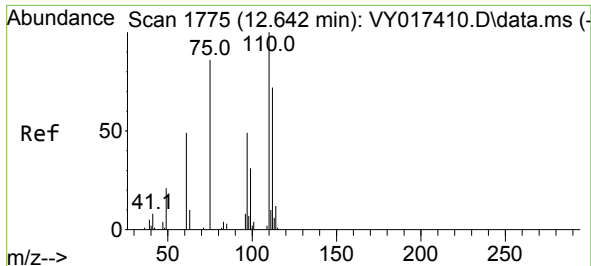
Tgt Ion:117 Resp: 206066
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Tgt Ion:152 Resp: 69981
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 155.2 0.0 345.6

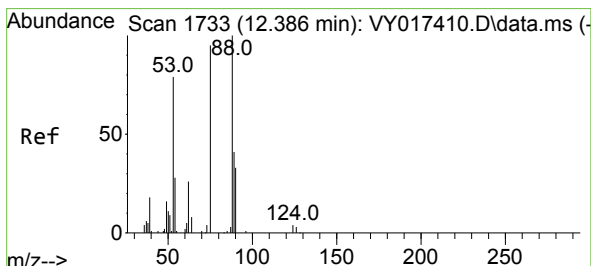
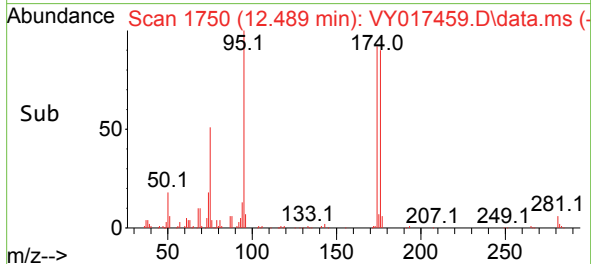
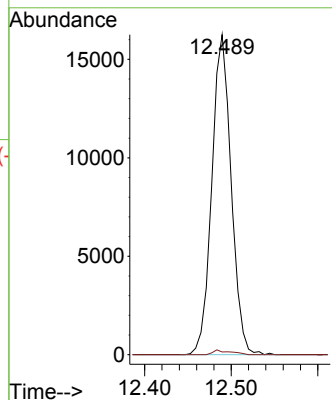
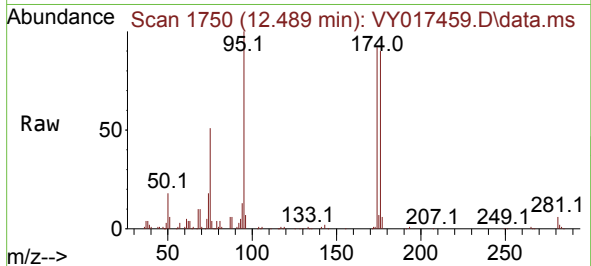




#76
1,2,3-Trichloropropane
Concen: 37.144 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

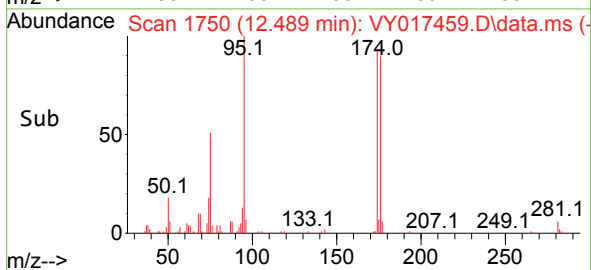
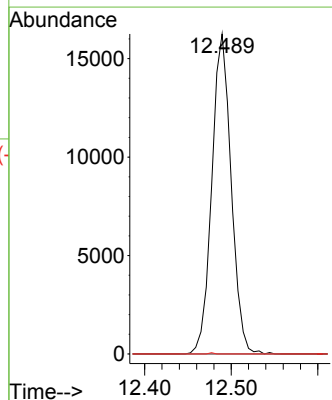
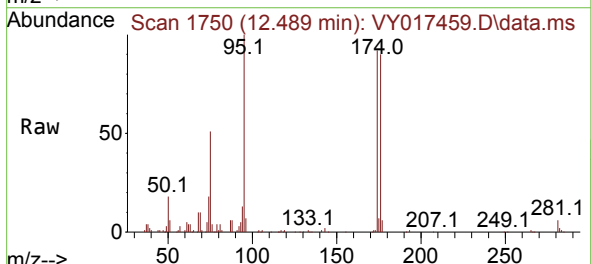
Instrument :
MSVOA_Y
ClientSampleId :

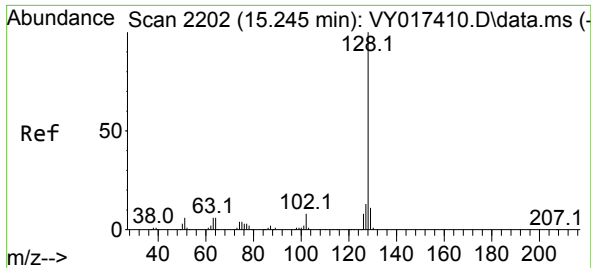
Tgt Ion: 75 Resp: 25203
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.602 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

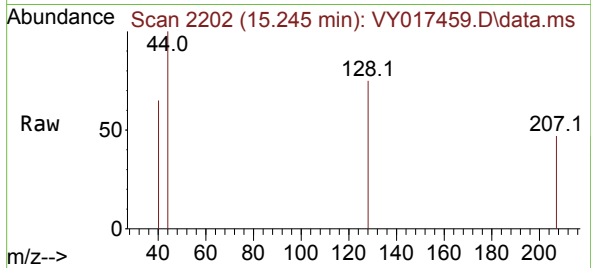
Tgt Ion: 75 Resp: 25203
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 3.654 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 257
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 7.0 8.6 13.0#

