

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017449.D
 Acq On : 21 Feb 2024 19:37
 Operator : SY/MD
 Sample : P1545-02RE
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Quant Time: Feb 22 03:42:53 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)

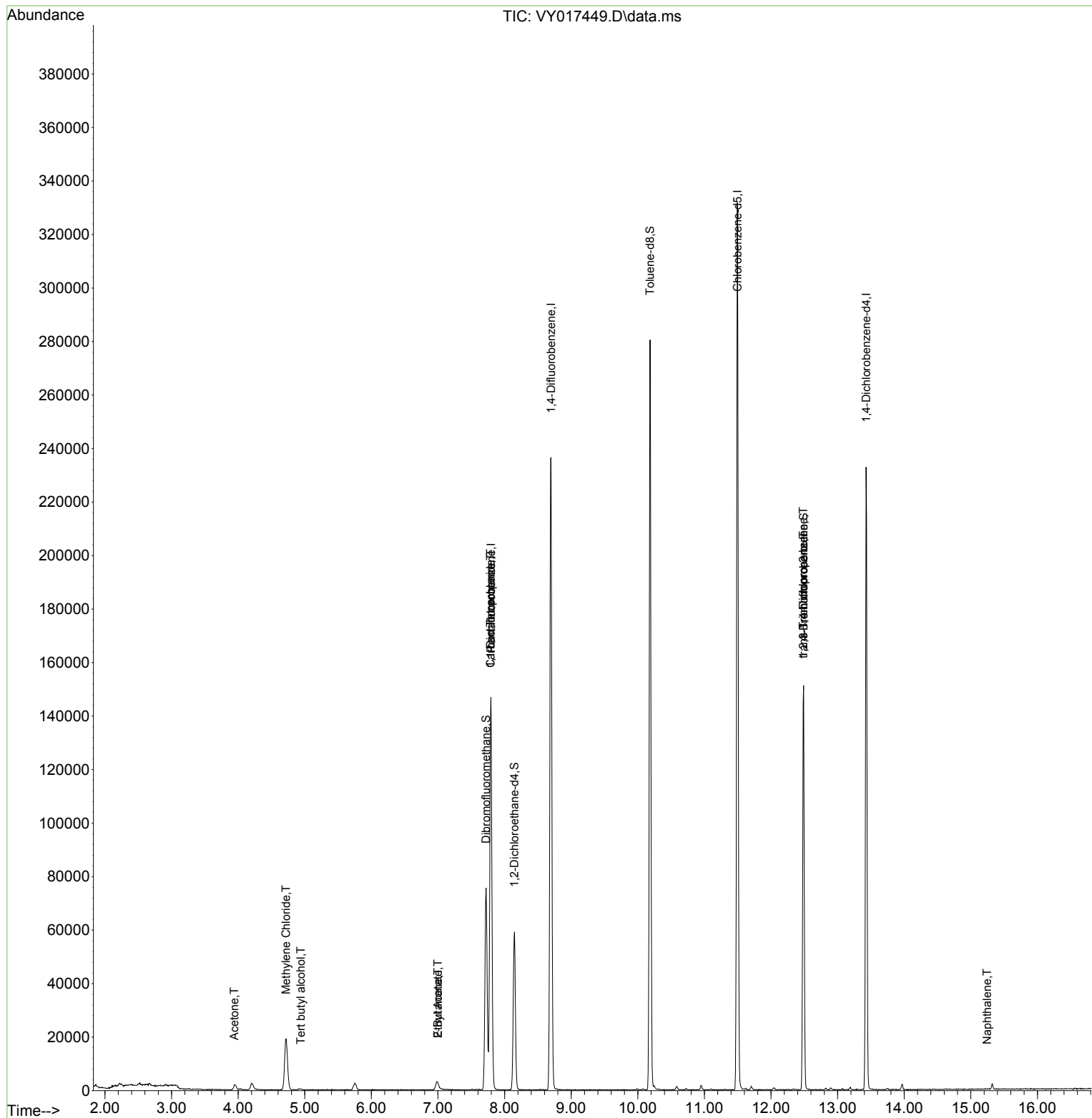
Internal Standards						
1) Pentafluorobenzene	7.795	168	122258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	194283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	45031	43.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.240%
35) Dibromofluoromethane	7.722	113	54608	41.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.480%
50) Toluene-d8	10.185	98	190735	37.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.180%
62) 4-Bromofluorobenzene	12.489	95	46347	28.167	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	140	Below Cal	#	33
11) Tert butyl alcohol	4.942	59	331	4.076	ug/l #	88
16) Acetone	3.942	43	3533	15.619	ug/l	95
20) Methylene Chloride	4.716	84	16055	6.248	ug/l	93
25) 2-Butanone	6.996	43	979	3.083	ug/l	93
36) 1,1-Dichloropropene	7.789	75	8509	3.894	ug/l #	49
37) Ethyl Acetate	6.996	43	979	1.230	ug/l #	70
38) Carbon Tetrachloride	7.789	117	10843	4.984	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	22800	36.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22800	85.263	ug/l #	16
95) Naphthalene	15.245	128	37	3.557	ug/l #	69

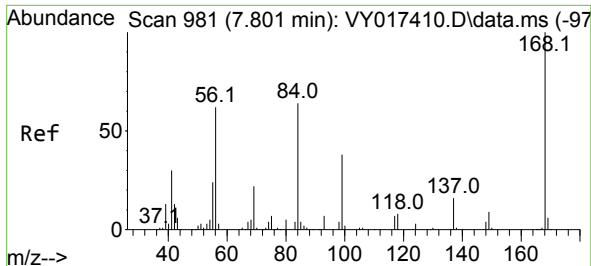
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
Data File : VY017449.D
Acq On : 21 Feb 2024 19:37
Operator : SY/MD
Sample : P1545-02RE
Misc : 4.76g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
2

Quant Time: Feb 22 03:42:53 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

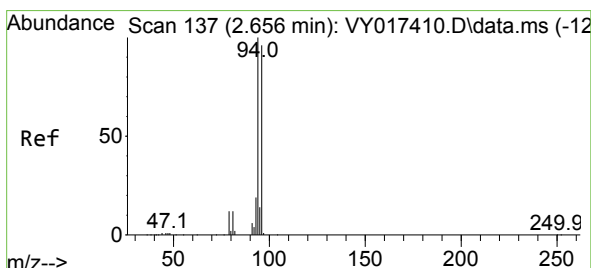
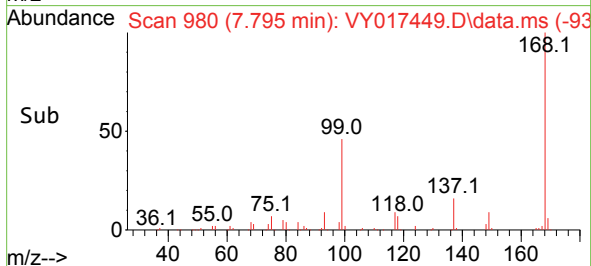
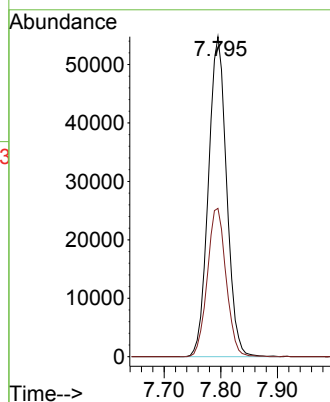
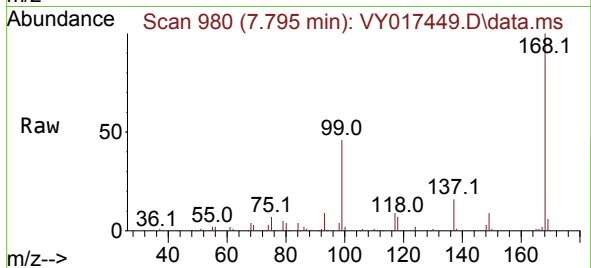




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

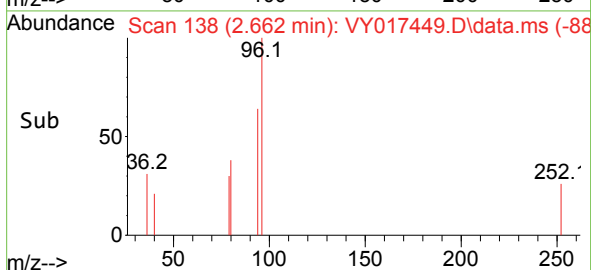
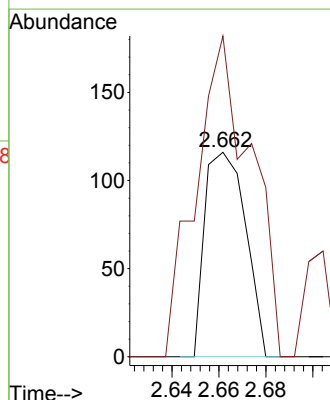
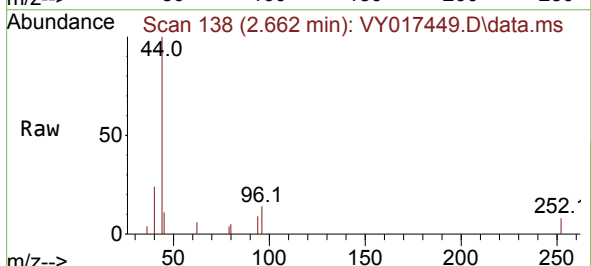
Instrument :
MSVOA_Y
ClientSampleId :
2

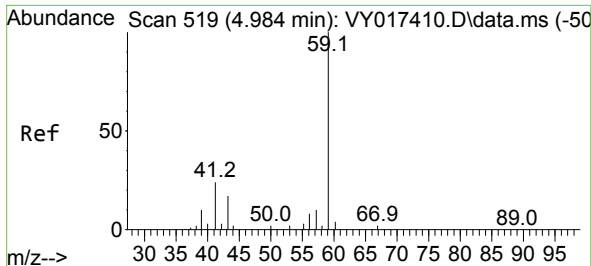
Tgt Ion:168 Resp: 122258
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 156.9 74.1 111.1#

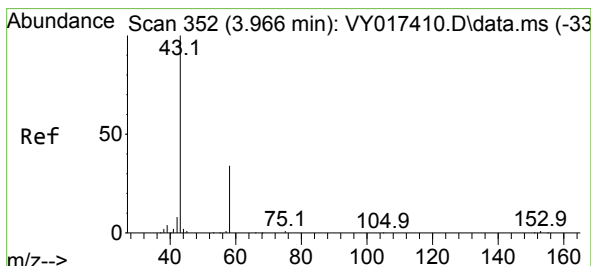
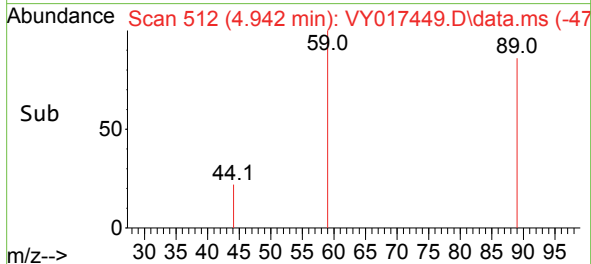
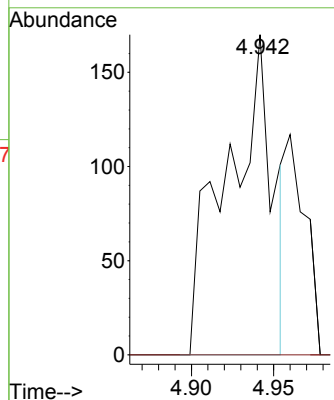
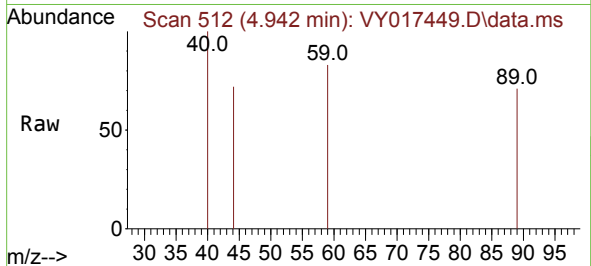




#11
Tert butyl alcohol
Concen: 4.076 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.042 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

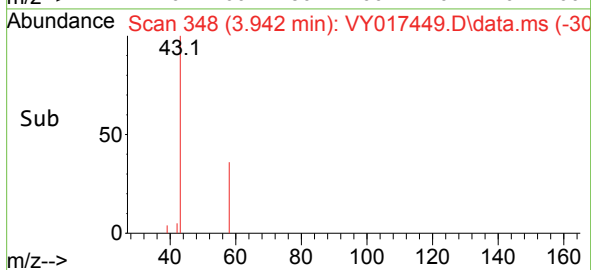
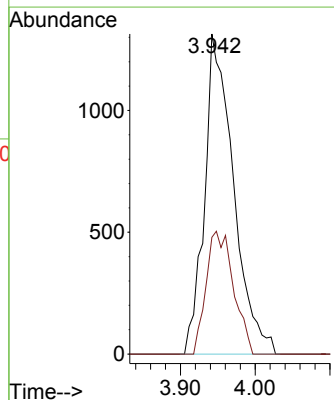
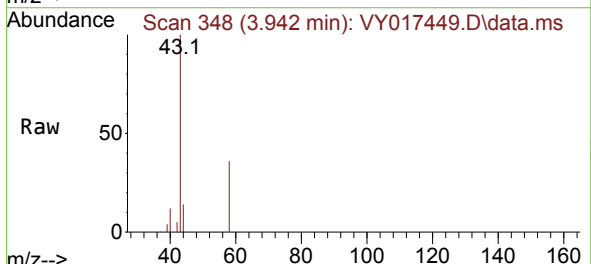
Instrument :
MSVOA_Y
ClientSampleId :
2

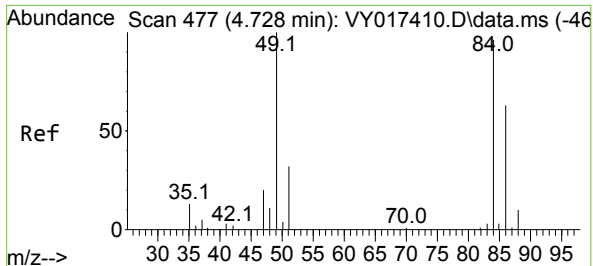
Tgt Ion: 59 Resp: 331
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 15.619 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.024 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

Tgt Ion: 43 Resp: 3533
Ion Ratio Lower Upper
43 100
58 36.5 31.7 47.5





#20

Methylene Chloride

Concen: 6.248 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017449.D

Acq: 21 Feb 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

2

Tgt Ion: 84 Resp: 16055

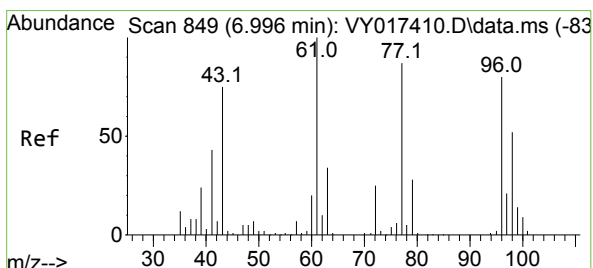
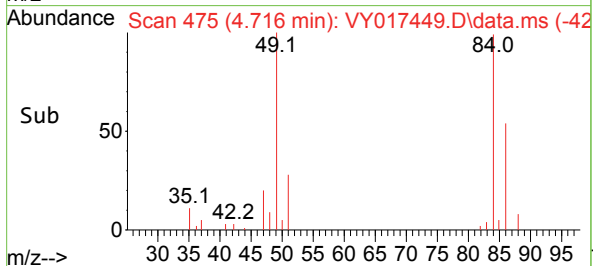
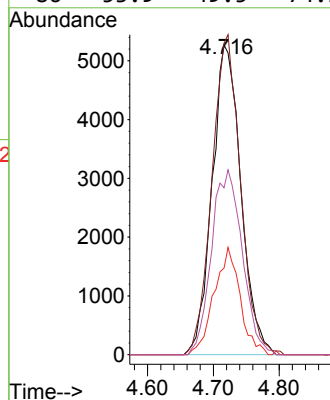
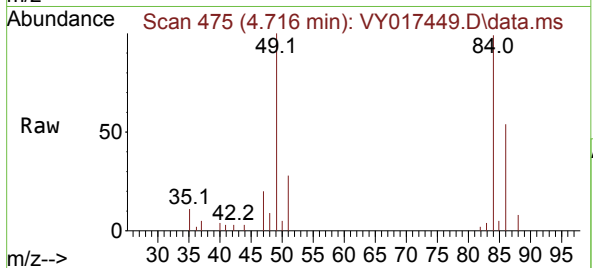
Ion Ratio Lower Upper

84 100

49 100.6 84.4 126.6

51 28.0 26.0 39.0

86 53.9 49.5 74.3



#25

2-Butanone

Concen: 3.083 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY017449.D

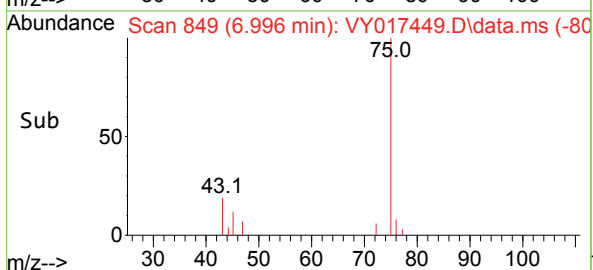
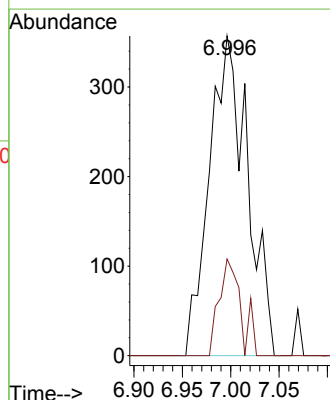
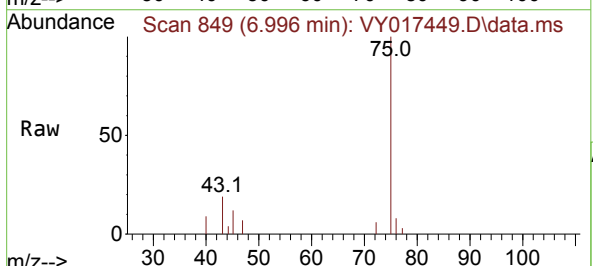
Acq: 21 Feb 2024 19:37

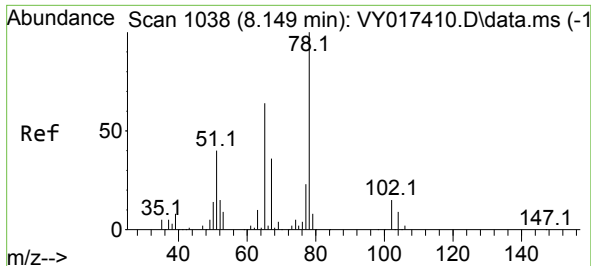
Tgt Ion: 43 Resp: 979

Ion Ratio Lower Upper

43 100

72 30.3 27.3 40.9





#33

1,2-Dichloroethane-d4

Concen: 43.115 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY017449.D

Acq: 21 Feb 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

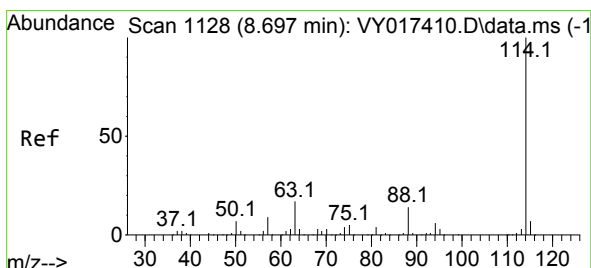
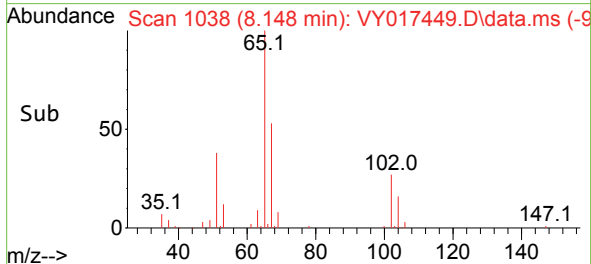
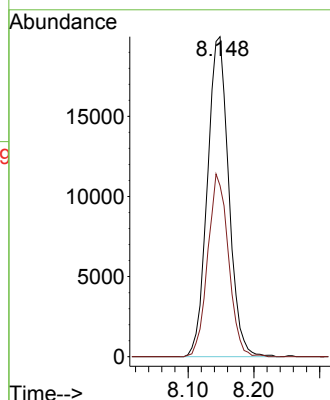
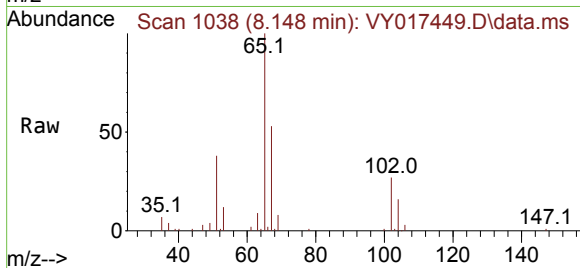
2

Tgt Ion: 65 Resp: 45031

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY017449.D

Acq: 21 Feb 2024 19:37

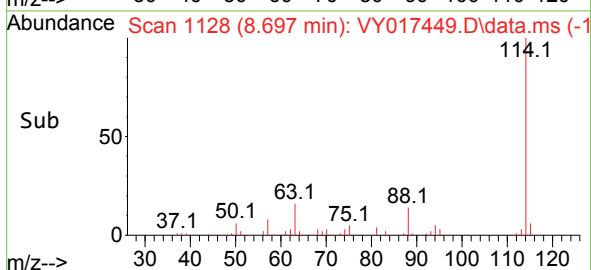
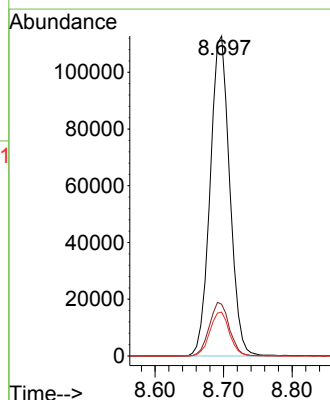
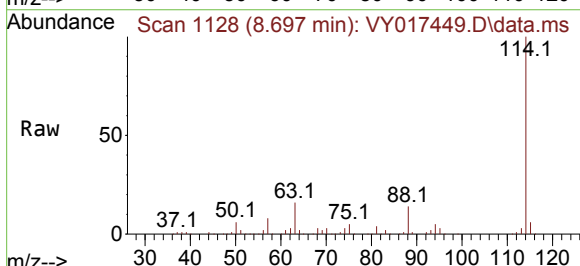
Tgt Ion:114 Resp: 223516

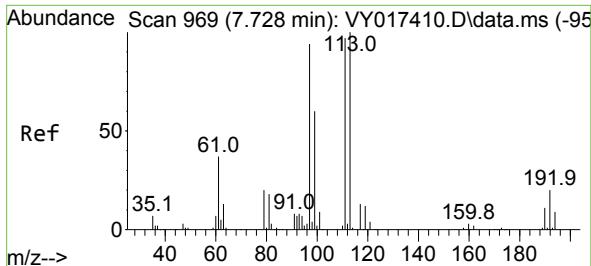
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 13.7 0.0 27.2

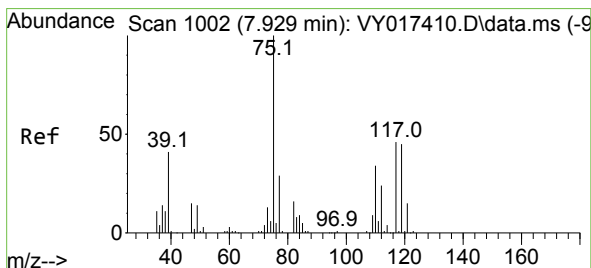
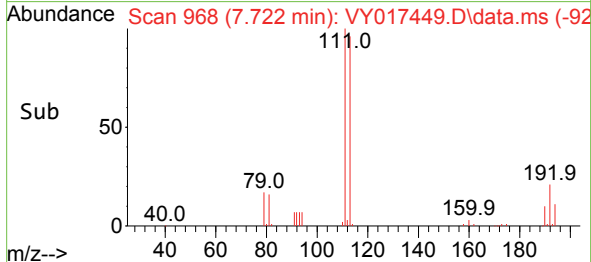
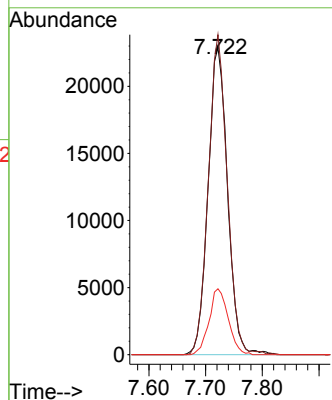
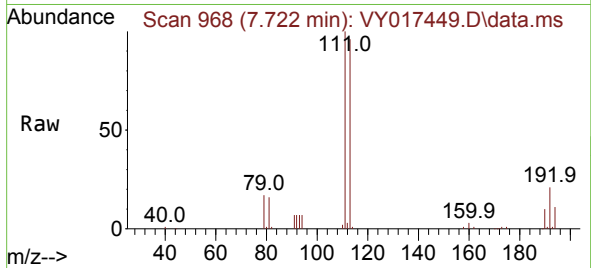




#35
Dibromofluoromethane
Concen: 41.737 ug/l
RT: 7.722 min Scan# 912
Delta R.T. -0.006 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

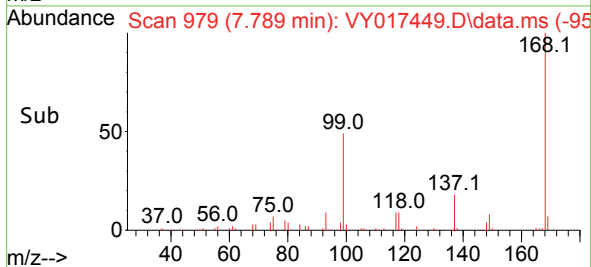
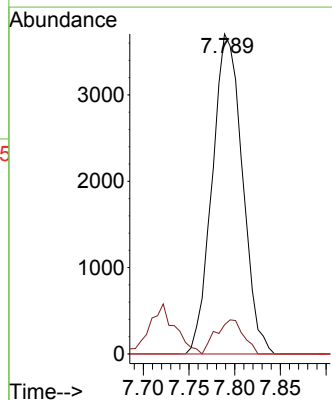
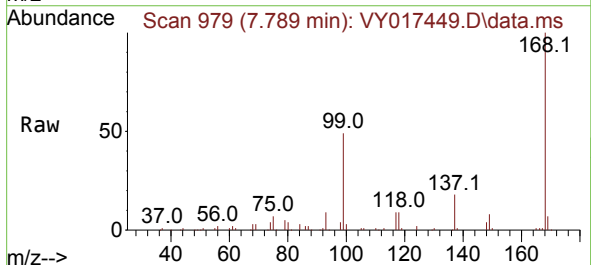
Instrument :
MSVOA_Y
ClientSampleId :
2

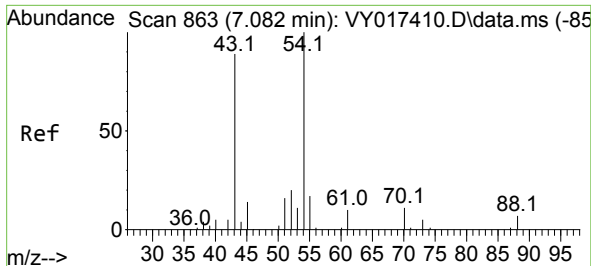
Tgt Ion:113 Resp: 54608
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.894 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

Tgt Ion: 75 Resp: 8509
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#

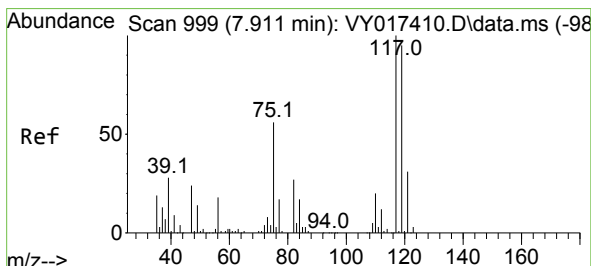
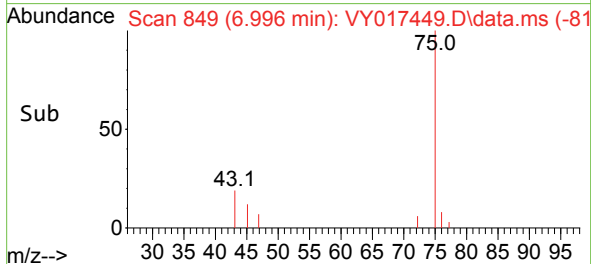
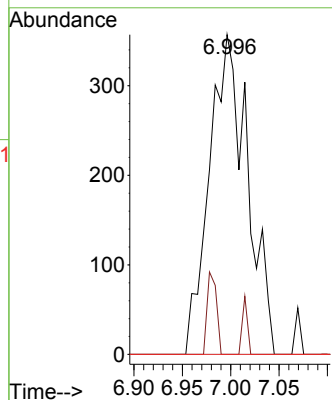
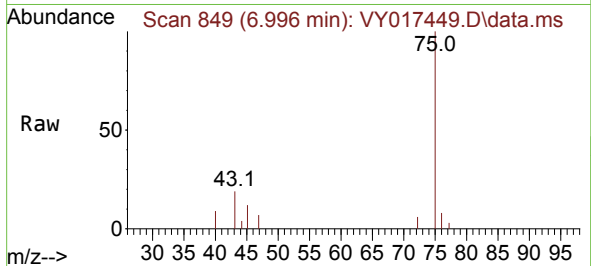




#37
Ethyl Acetate
Concen: 1.230 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

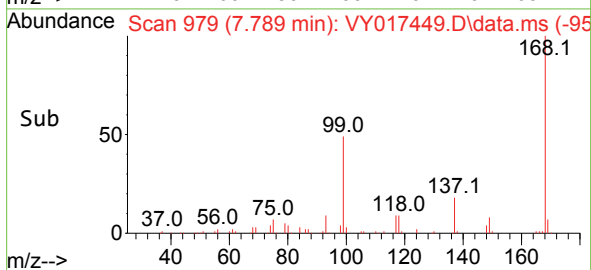
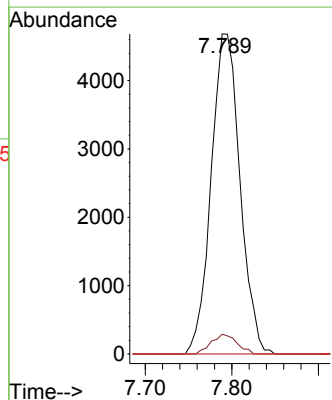
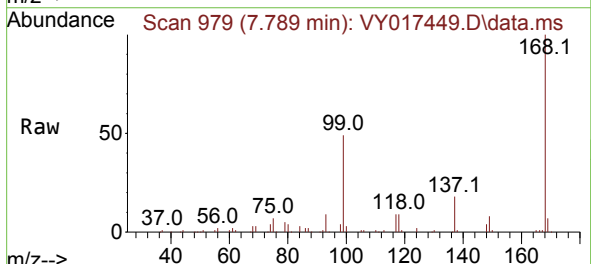
Instrument :
MSVOA_Y
ClientSampleId :
2

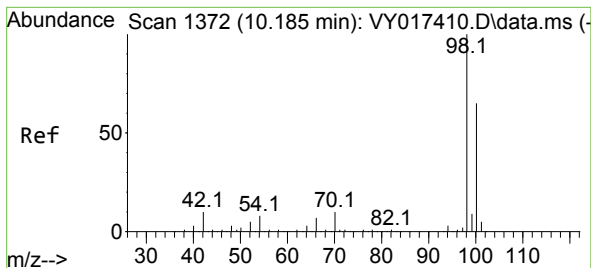
Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
61 2.5 12.6 19.0#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 4.984 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

Tgt Ion: 117 Resp: 10843
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 37.588 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017449.D

Acq: 21 Feb 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

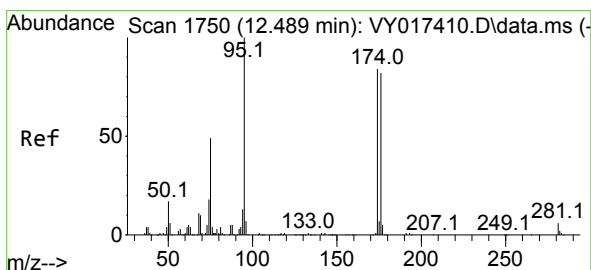
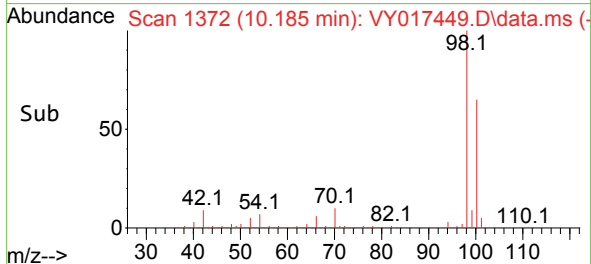
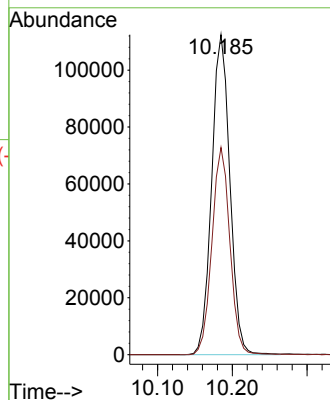
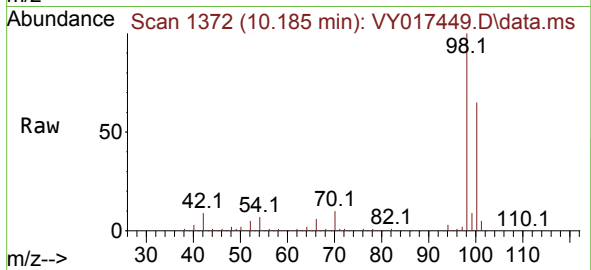
2

Tgt Ion: 98 Resp: 190735

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 28.167 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017449.D

Acq: 21 Feb 2024 19:37

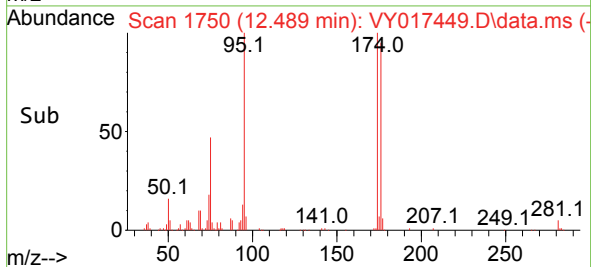
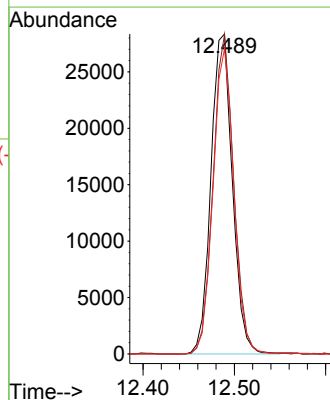
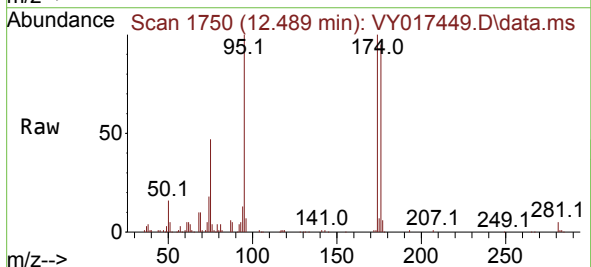
Tgt Ion: 95 Resp: 46347

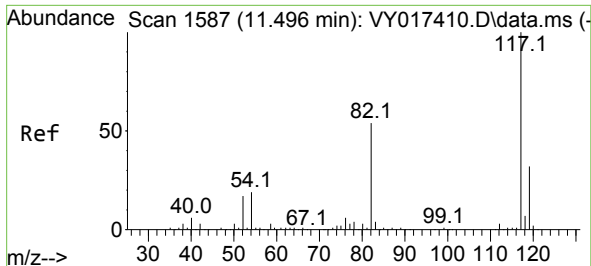
Ion Ratio Lower Upper

95 100

174 95.9 0.0 175.6

176 92.6 0.0 171.4

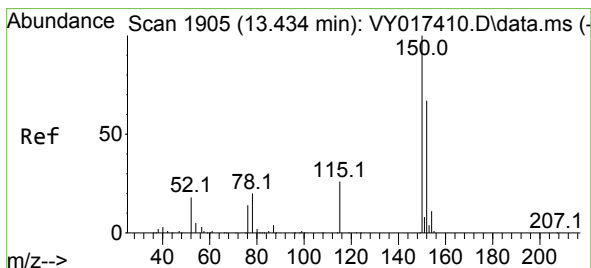
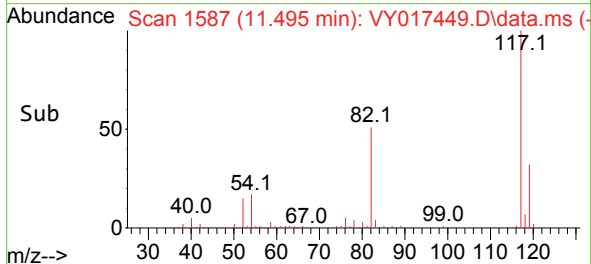
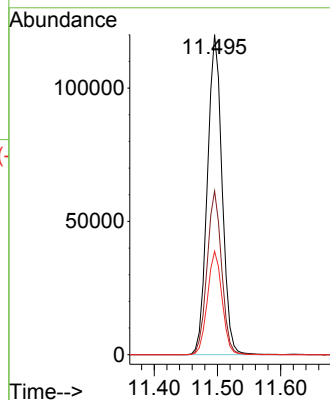
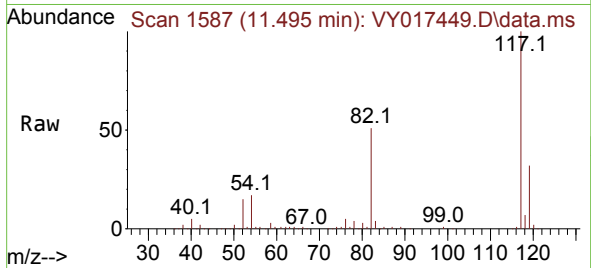




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

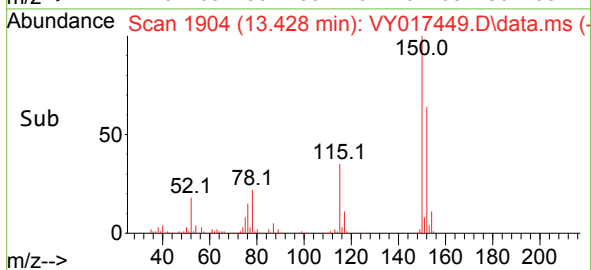
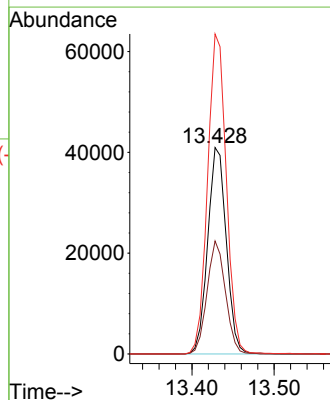
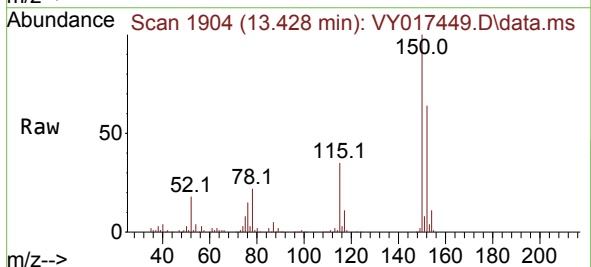
Instrument :
MSVOA_Y
ClientSampleId :
2

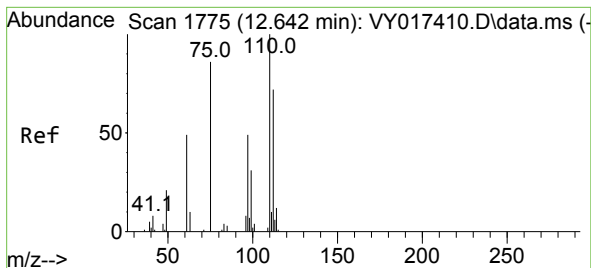
Tgt Ion:117 Resp: 194283
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

Tgt Ion:152 Resp: 64303
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 155.7 0.0 345.6

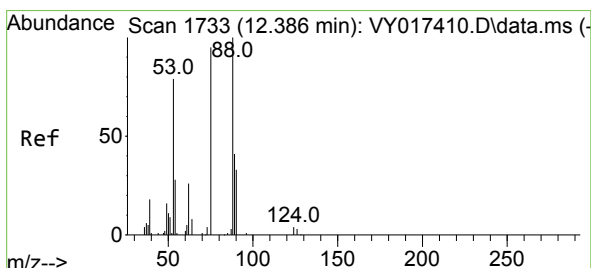
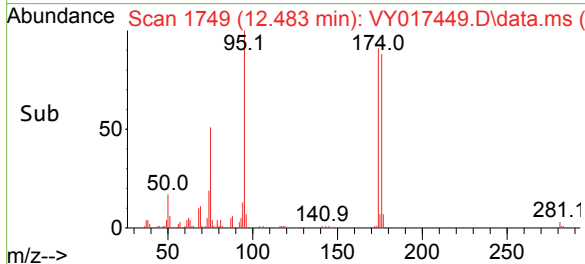
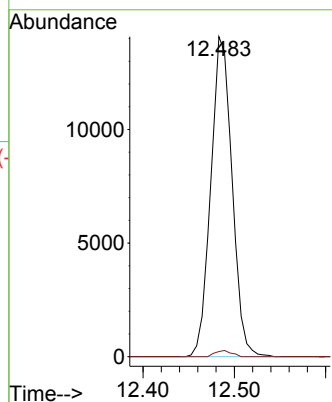
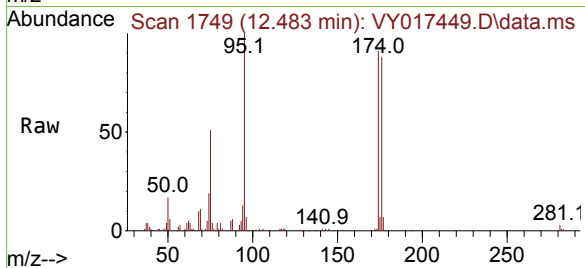




#76
1,2,3-Trichloropropane
Concen: 36.569 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

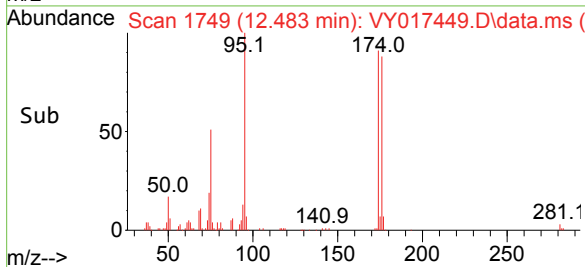
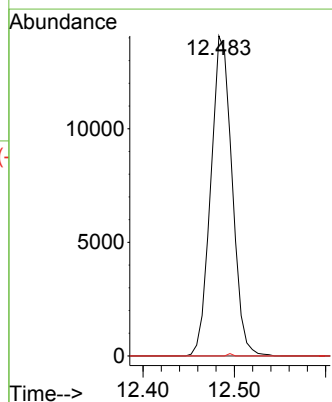
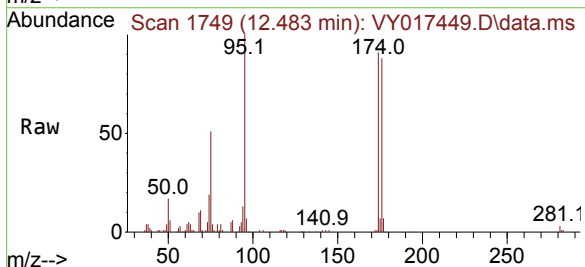
Instrument :
MSVOA_Y
ClientSampleId :
2

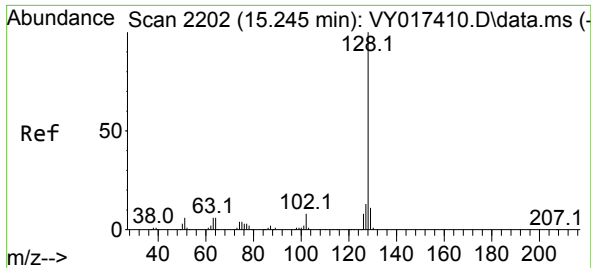
Tgt Ion: 75 Resp: 22800
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.263 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37

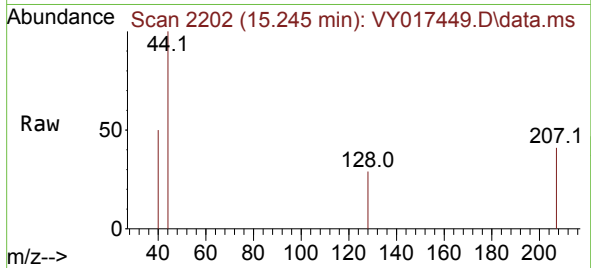
Tgt Ion: 75 Resp: 22800
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#95
Naphthalene
Concen: 3.557 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017449.D
Acq: 21 Feb 2024 19:37 2

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

