

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017884.D
 Acq On : 09 Apr 2024 10:49
 Operator : SY/MD
 Sample : VY0409SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

Quant Time: Apr 10 04:22:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

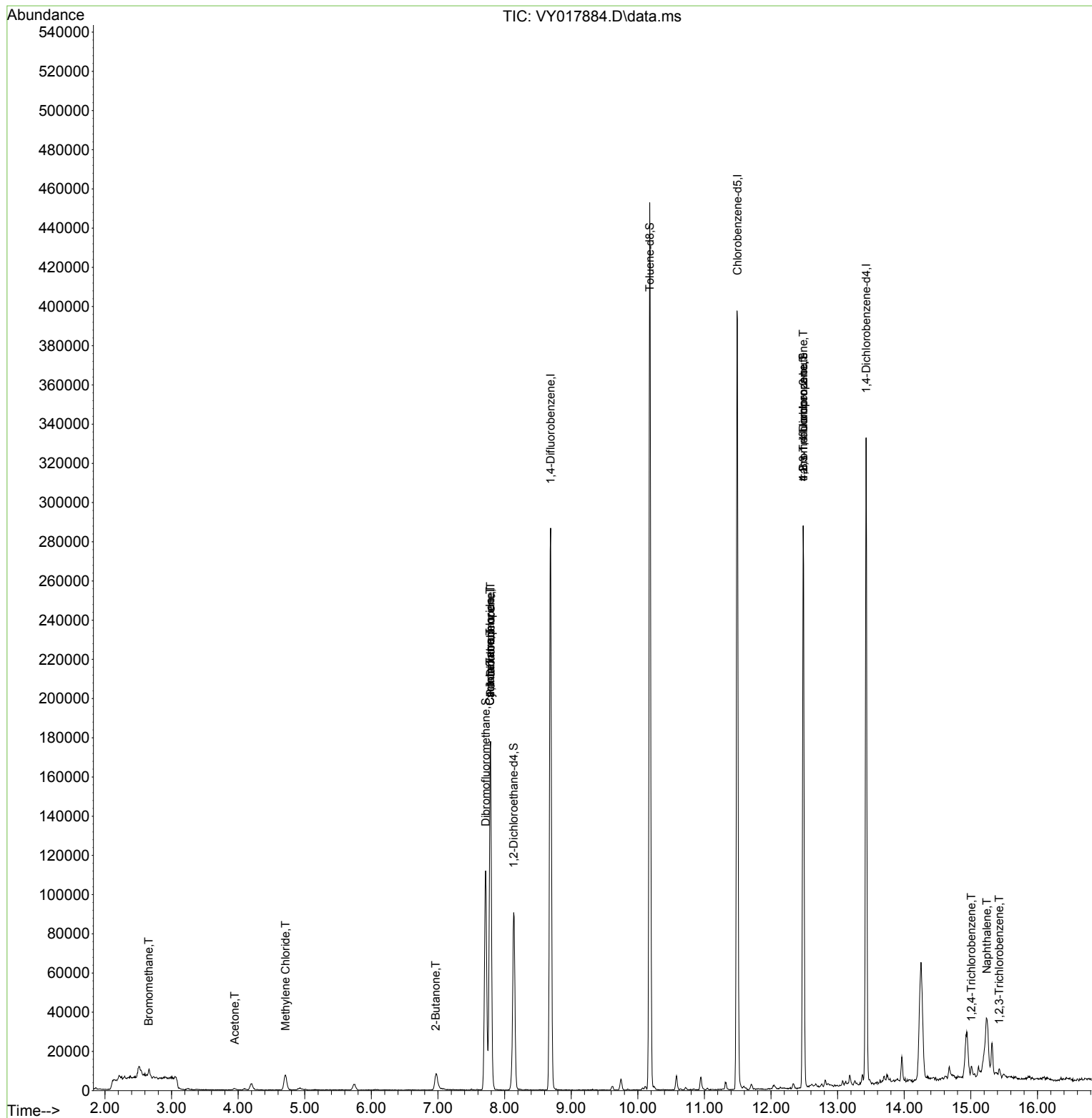
Internal Standards						
1) Pentafluorobenzene	7.789	168	141512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68613	56.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.716	113	78115	52.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.179	98	296506	53.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.483	95	77011	45.683	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.360%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	2733	1.400	ug/l	84
11) Tert butyl alcohol	4.930	59	925	Below Cal	#	88
16) Acetone	3.948	43	1562	6.171	ug/l	99
20) Methylene Chloride	4.710	84	6196	1.414	ug/l #	83
25) 2-Butanone	6.966	43	559	1.550	ug/l #	41
31) Cyclohexane	7.783	56	3131	1.451	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10892	5.033	ug/l #	48
38) Carbon Tetrachloride	7.783	117	13493	6.006	ug/l #	17
41) Methacrylonitrile	7.313	41	19	Below Cal	#	15
48) Methyl methacrylate	9.307	41	47	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.081	43	871	Below Cal	#	71
56) Ethyl methacrylate	10.557	69	20	Below Cal	#	1
69) o-Xylene	12.032	106	414	Below Cal		88
70) Styrene	12.050	104	757	Below Cal		90
74) N-amyl acetate	12.136	43	652	Below Cal	#	56
76) 1,2,3-Trichloropropane	12.483	75	42197	56.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42197	110.005	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.007	180	1640	1.340	ug/l	96
95) Naphthalene	15.239	128	3832	3.027	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.428	180	1516	1.467	ug/l	88

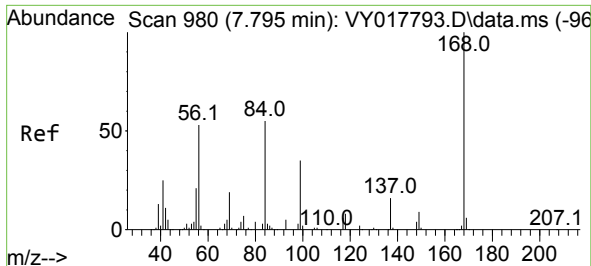
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

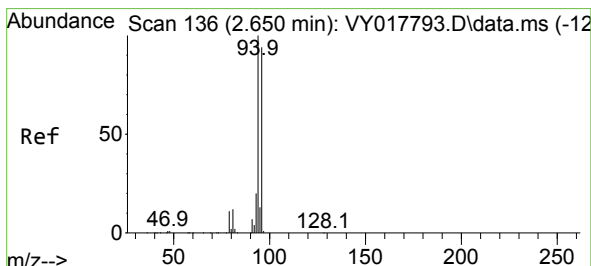
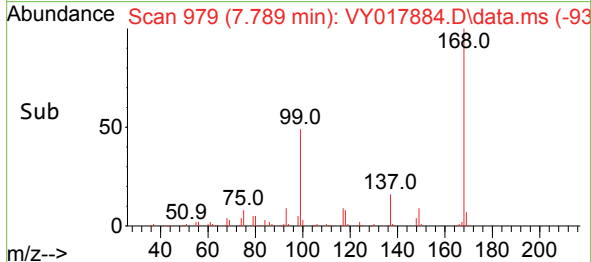
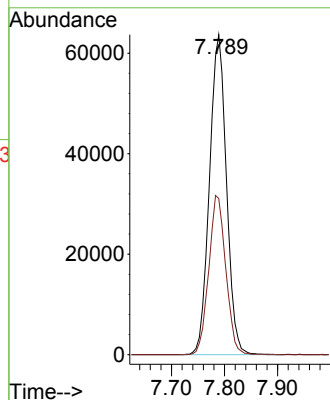
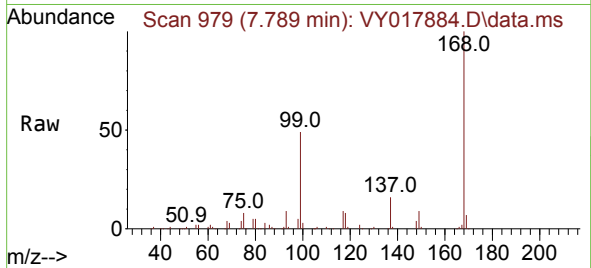




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

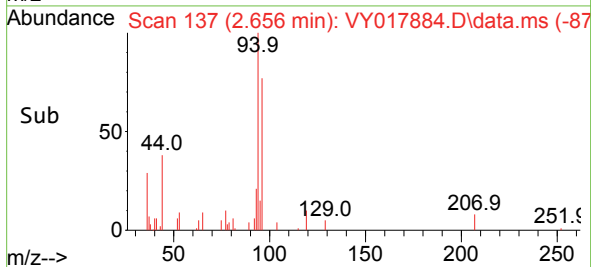
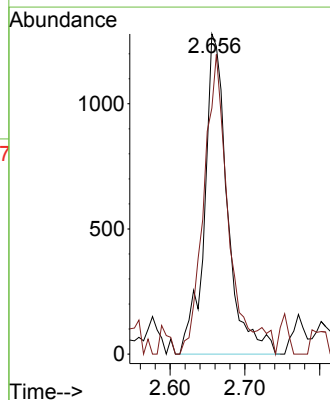
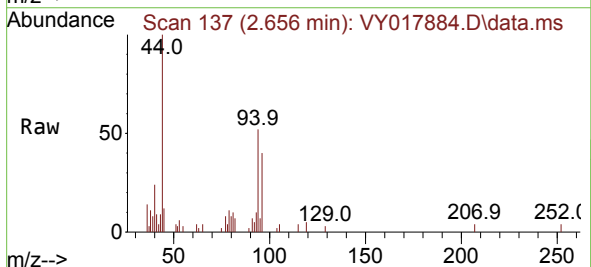
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

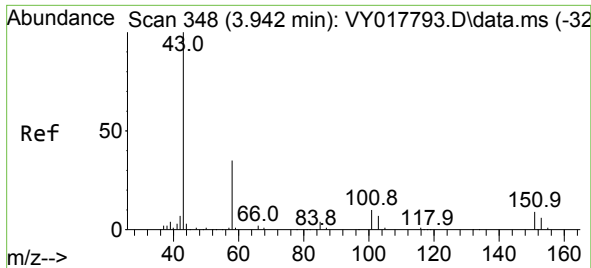
Tgt Ion:168 Resp: 141512
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#5
Bromomethane
Concen: 1.400 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion: 94 Resp: 2733
Ion Ratio Lower Upper
94 100
96 76.9 74.1 111.1





#16

Acetone

Concen: 6.171 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

Instrument :

MSVOA_Y

ClientSampleId :

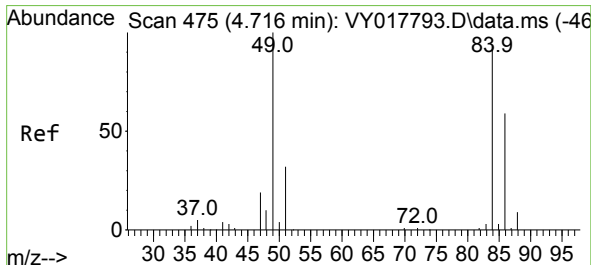
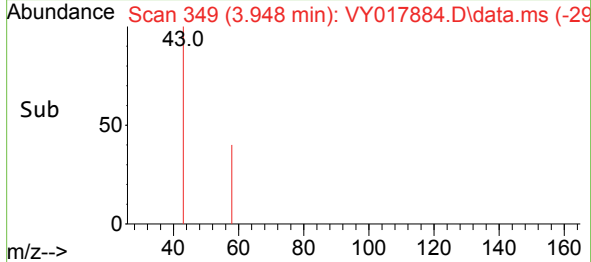
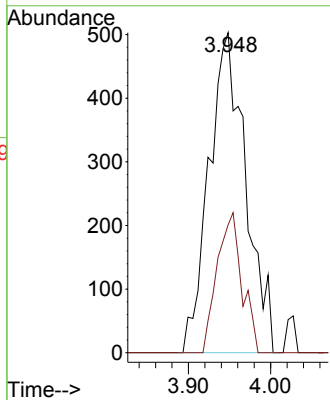
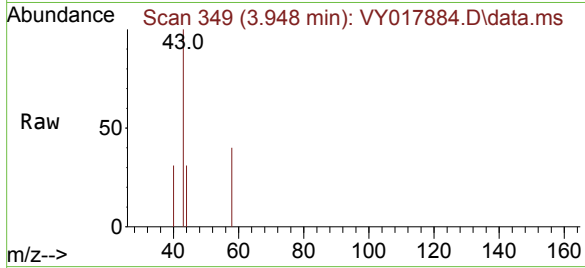
VY0409SBL01

Tgt Ion: 43 Resp: 1562

Ion Ratio Lower Upper

43 100

58 40.0 31.7 47.5



#20

Methylene Chloride

Concen: 1.414 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

Tgt Ion: 84 Resp: 6196

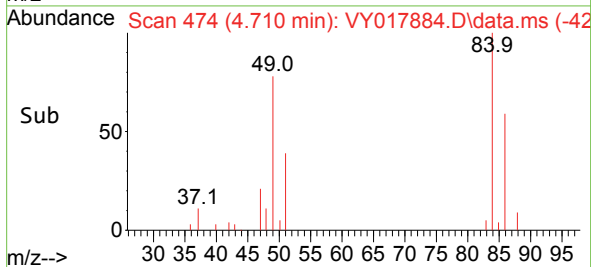
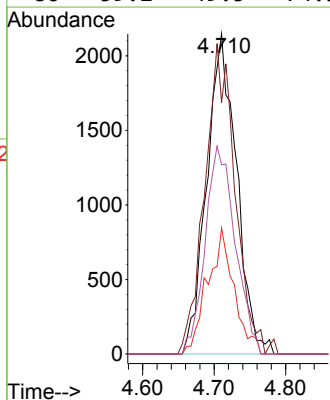
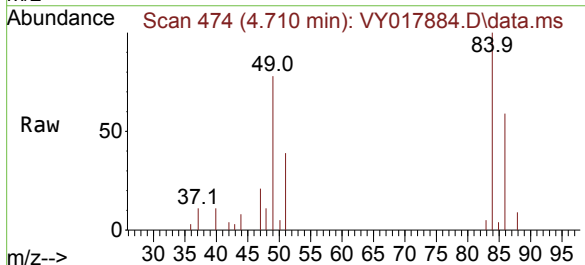
Ion Ratio Lower Upper

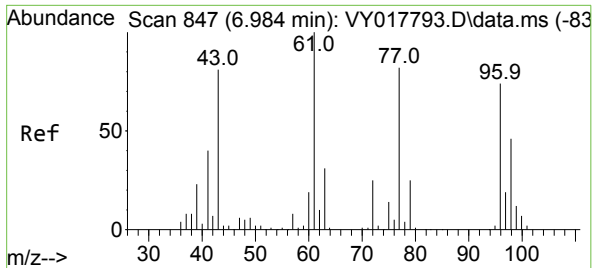
84 100

49 78.5 84.4 126.6#

51 39.4 26.0 39.0#

86 59.2 49.5 74.3





#25

2-Butanone

Concen: 1.550 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

Instrument :

MSVOA_Y

ClientSampleId :

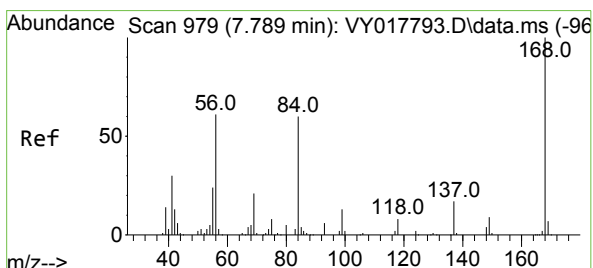
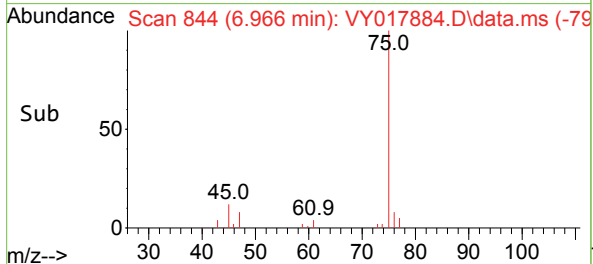
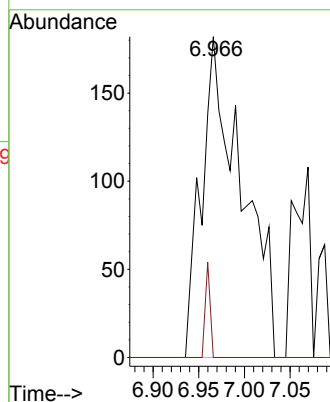
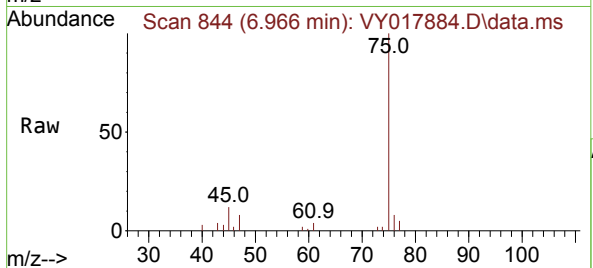
VY0409SBL01

Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.451 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

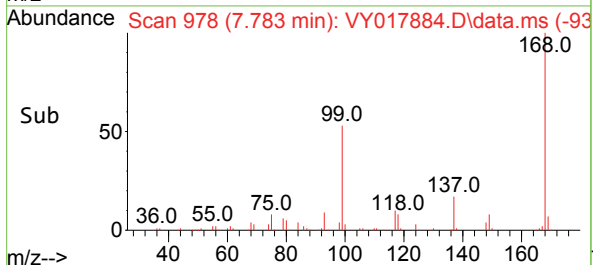
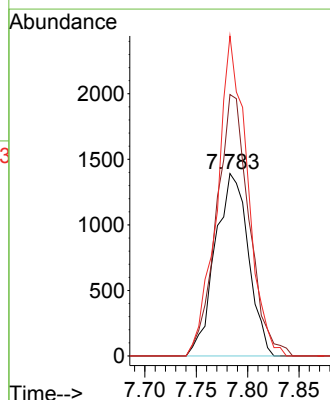
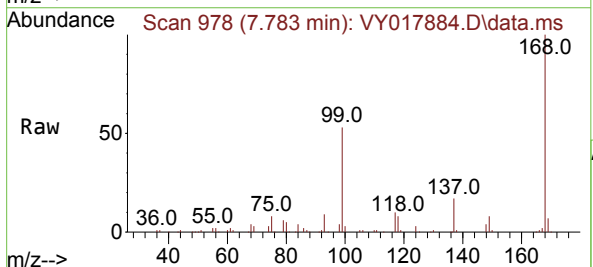
Tgt Ion: 56 Resp: 3131

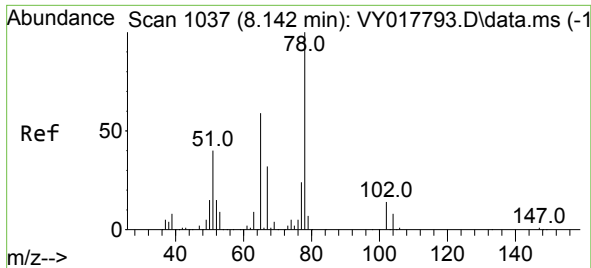
Ion Ratio Lower Upper

56 100

69 143.4 28.7 43.1#

84 175.5 77.7 116.5#

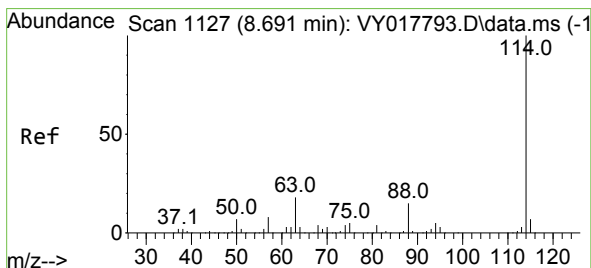
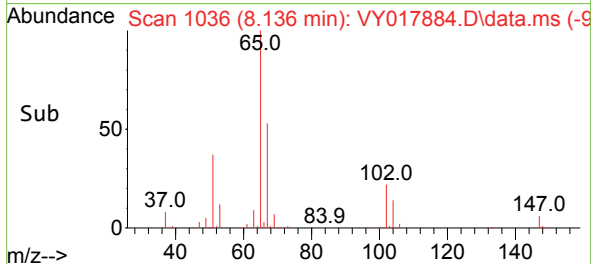
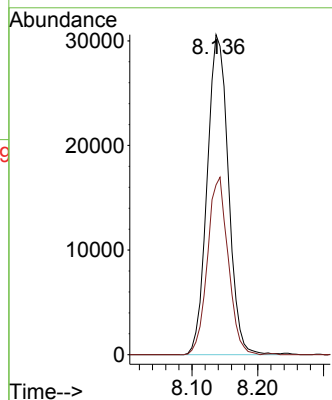
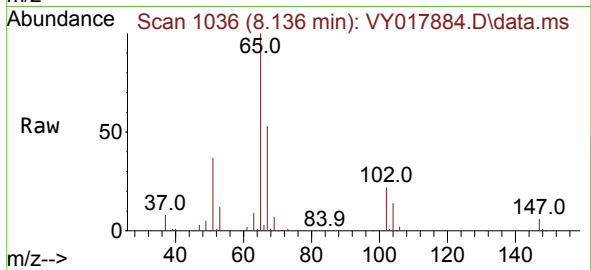




#33
1,2-Dichloroethane-d4
Concen: 56.031 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

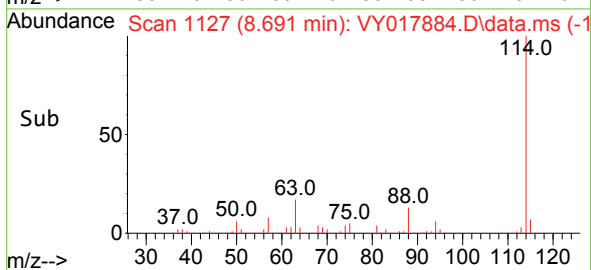
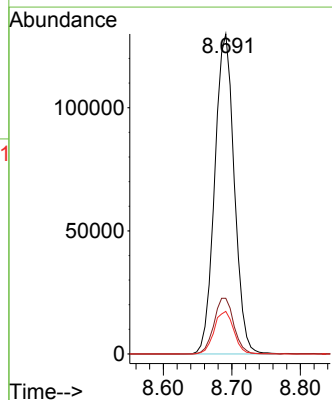
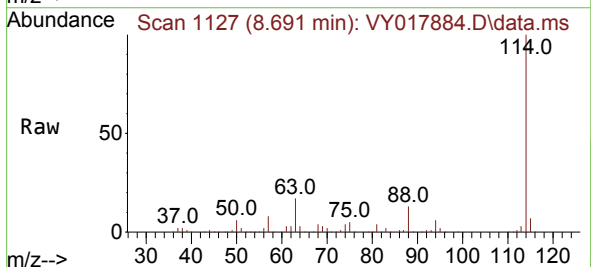
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

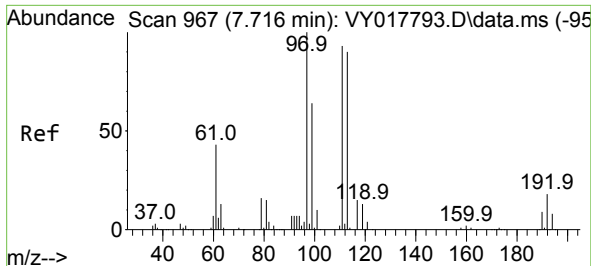
Tgt Ion: 65 Resp: 68613
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion:114 Resp: 256696
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.663 ug/l

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBL01

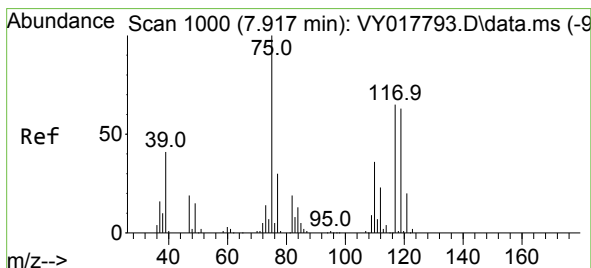
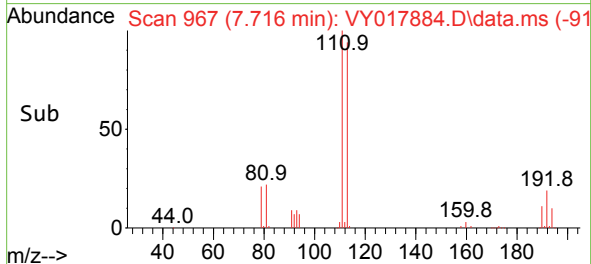
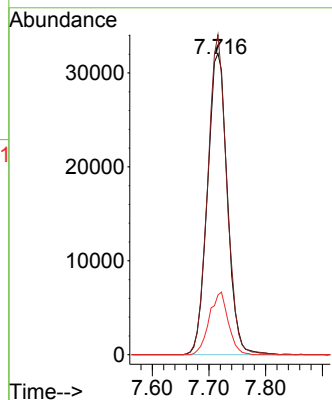
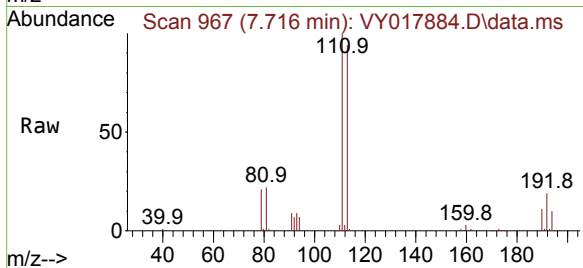
Tgt Ion:113 Resp: 78115

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 19.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.033 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

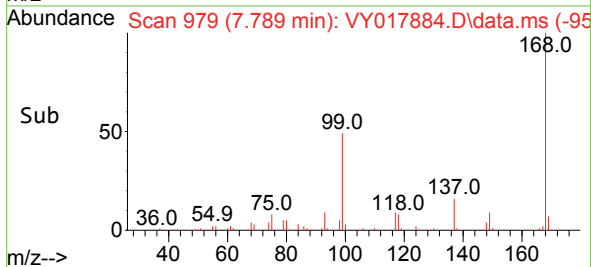
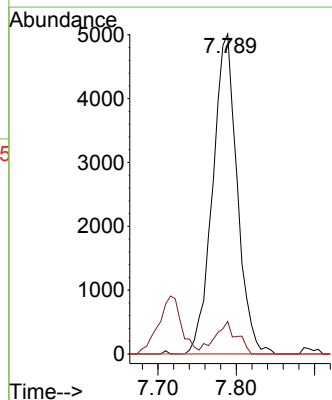
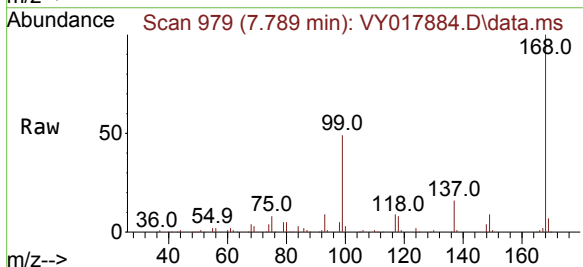
Tgt Ion: 75 Resp: 10892

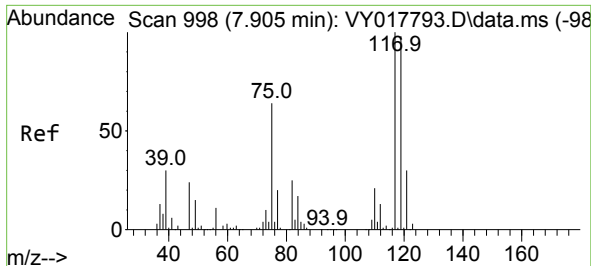
Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

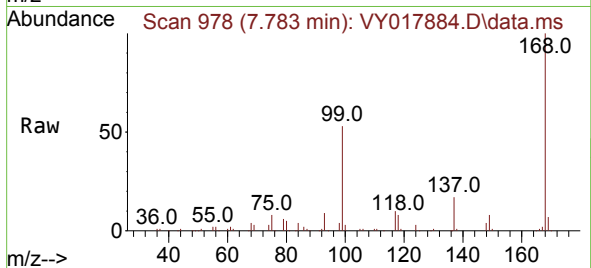
77 0.0 25.3 37.9#



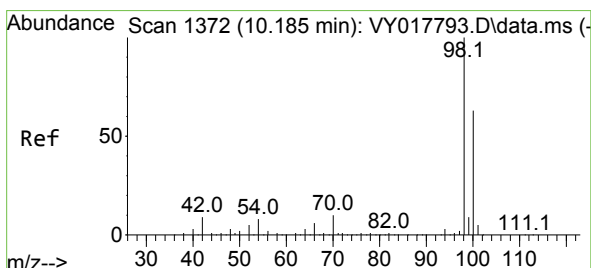
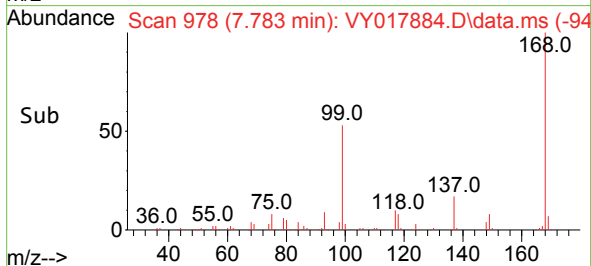
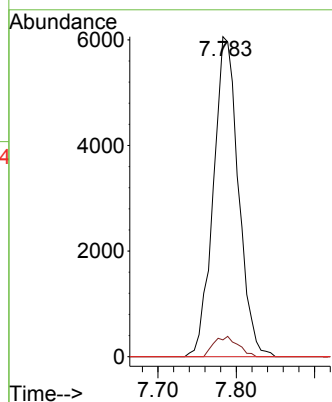


#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

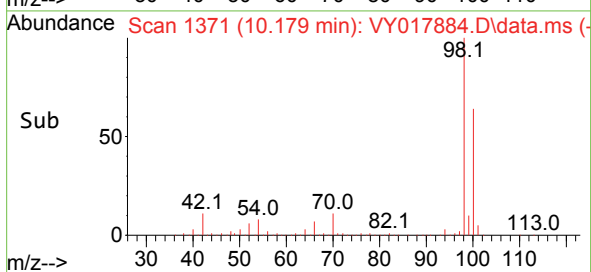
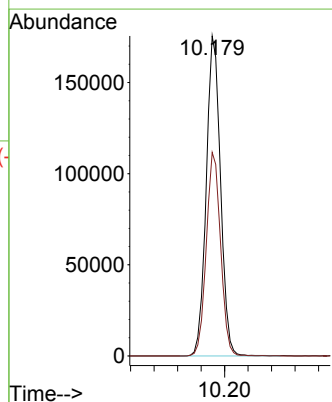
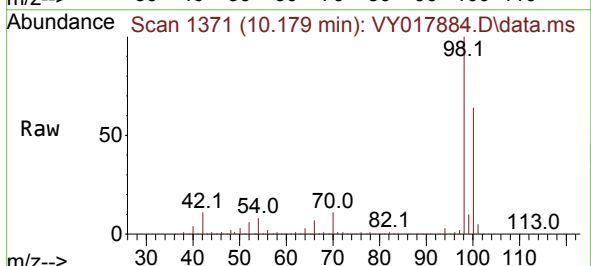


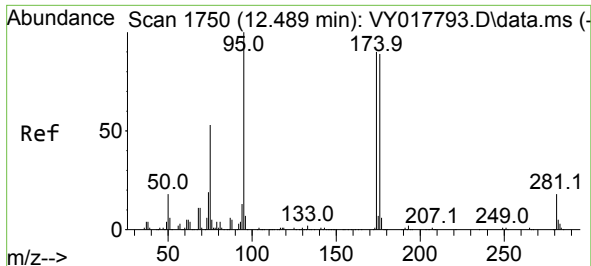
Tgt Ion:117 Resp: 13493
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.513 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion: 98 Resp: 296506
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

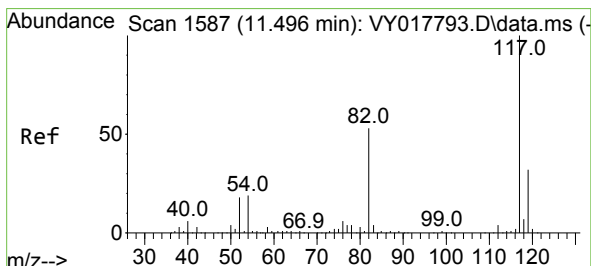
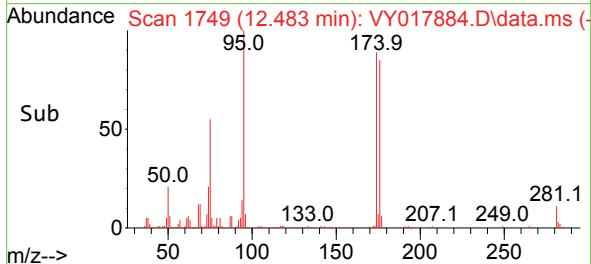
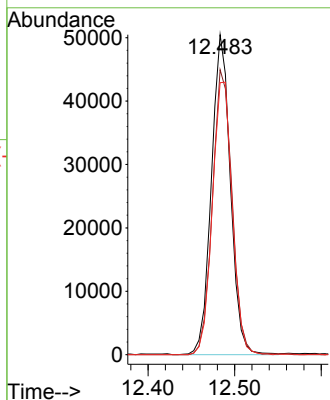
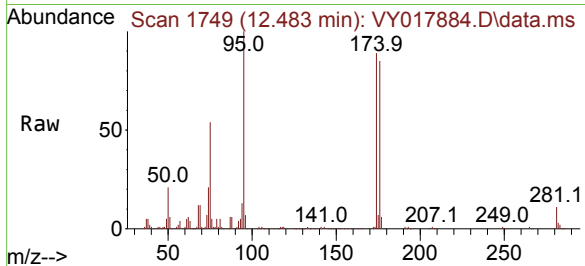




#62
4-Bromofluorobenzene
Concen: 45.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

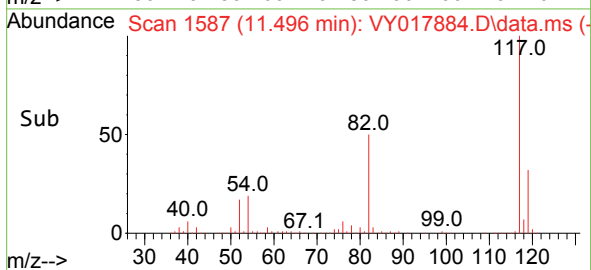
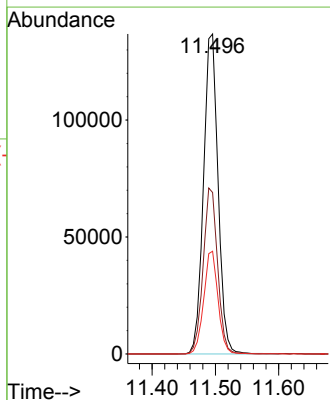
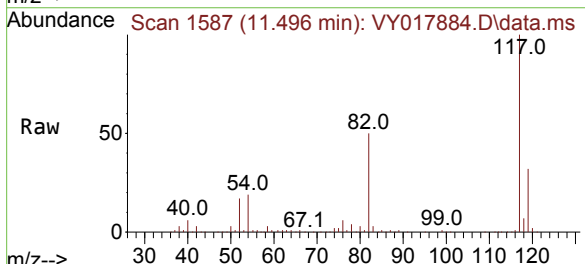
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

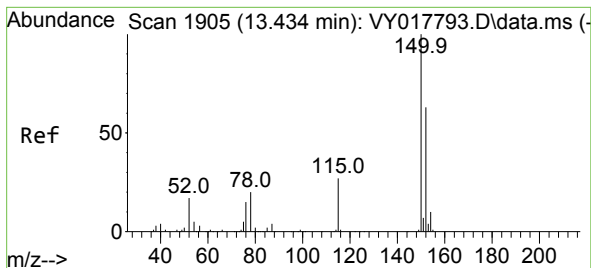
Tgt Ion: 95 Resp: 77011
Ion Ratio Lower Upper
95 100
174 91.7 0.0 175.6
176 89.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion: 117 Resp: 219515
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.1 25.9 38.9

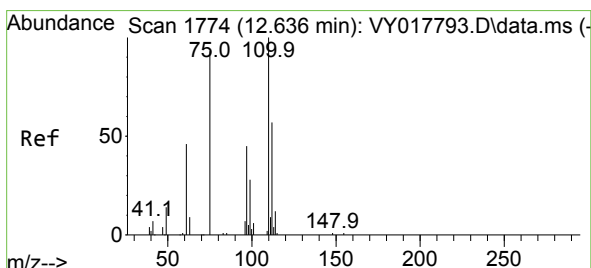
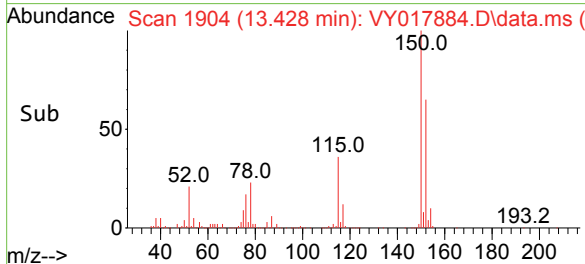
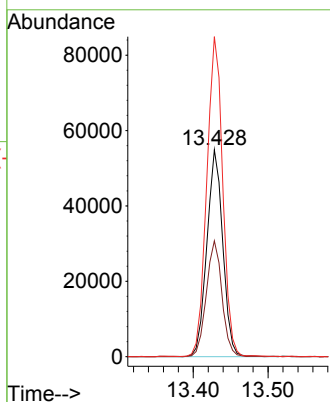
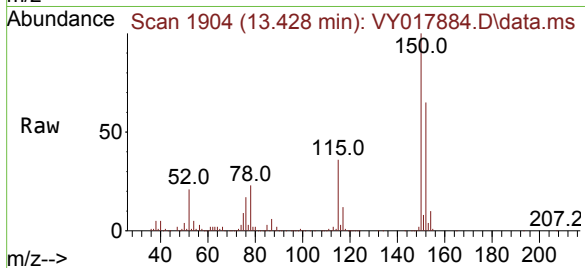




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY017884.D
 Acq: 09 Apr 2024 10:49

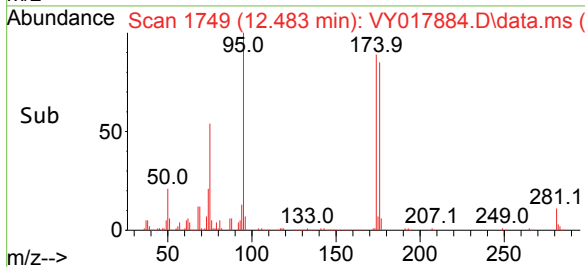
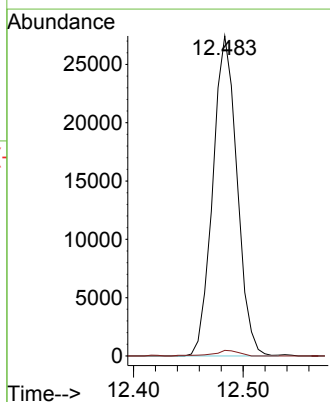
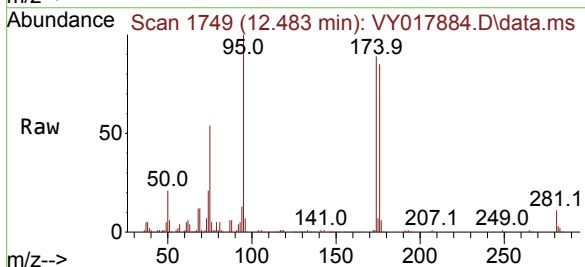
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

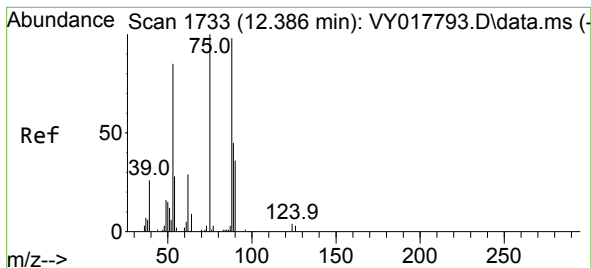
Tgt Ion:152 Resp: 81369
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 155.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.909 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017884.D
 Acq: 09 Apr 2024 10:49

Tgt Ion: 75 Resp: 42197
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

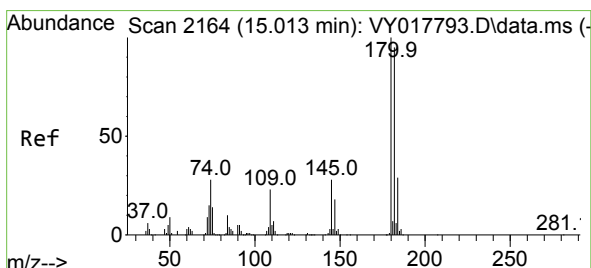
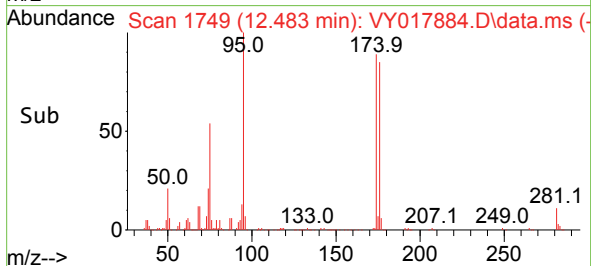
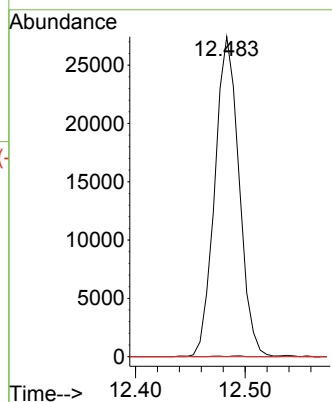
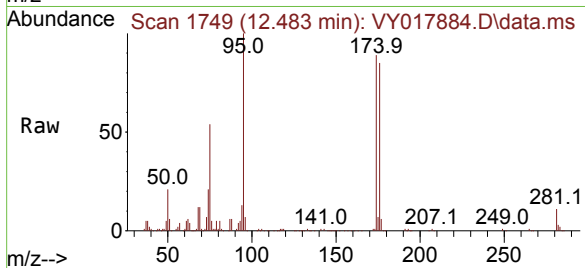




#81
trans-1,4-Dichloro-2-butene
Concen: 110.005 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

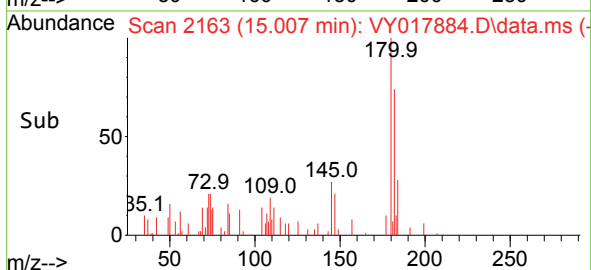
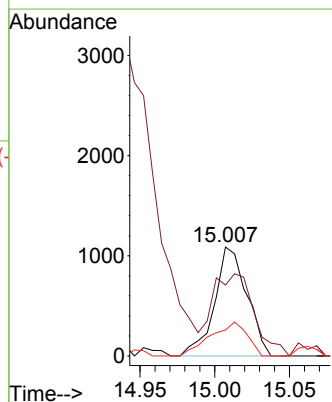
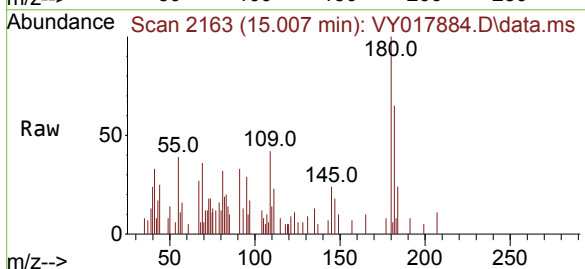
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

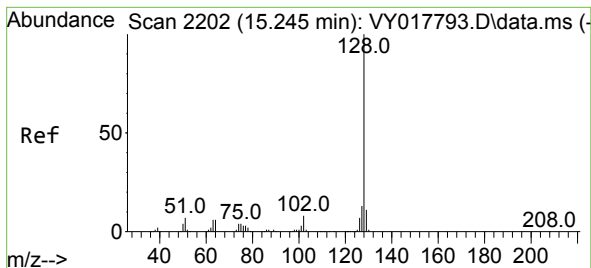
Tgt Ion: 75 Resp: 42197
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.340 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion:180 Resp: 1640
Ion Ratio Lower Upper
180 100
182 97.0 47.9 143.8
145 35.1 14.2 42.6





#95

Naphthalene

Concen: 3.027 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBL01

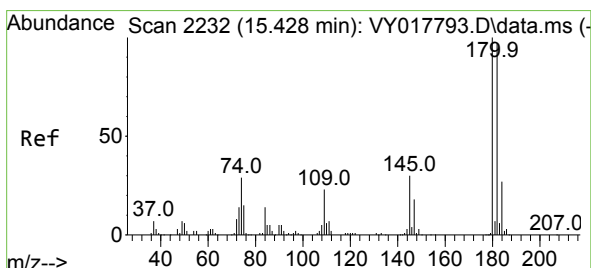
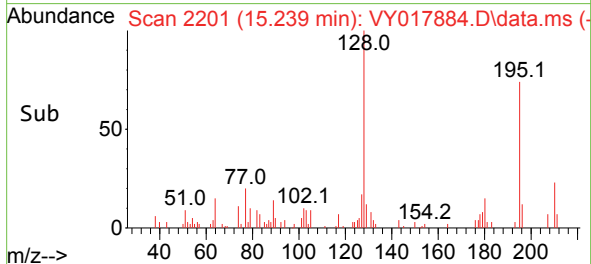
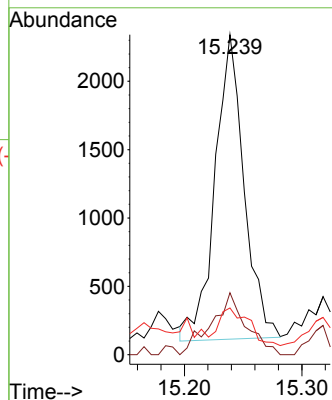
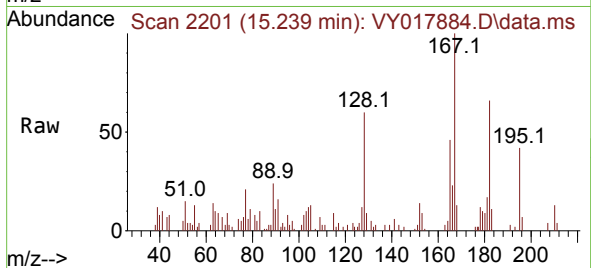
Tgt Ion:128 Resp: 3832

Ion Ratio Lower Upper

128 100

127 24.3 10.6 16.0#

129 12.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.467 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

Tgt Ion:180 Resp: 1516

Ion Ratio Lower Upper

180 100

182 88.0 47.6 142.9

145 45.6 15.4 46.1

