

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013935.D
 Acq On : 31 May 2023 15:04
 Operator : KP/MD
 Sample : VY0531SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 31 17:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

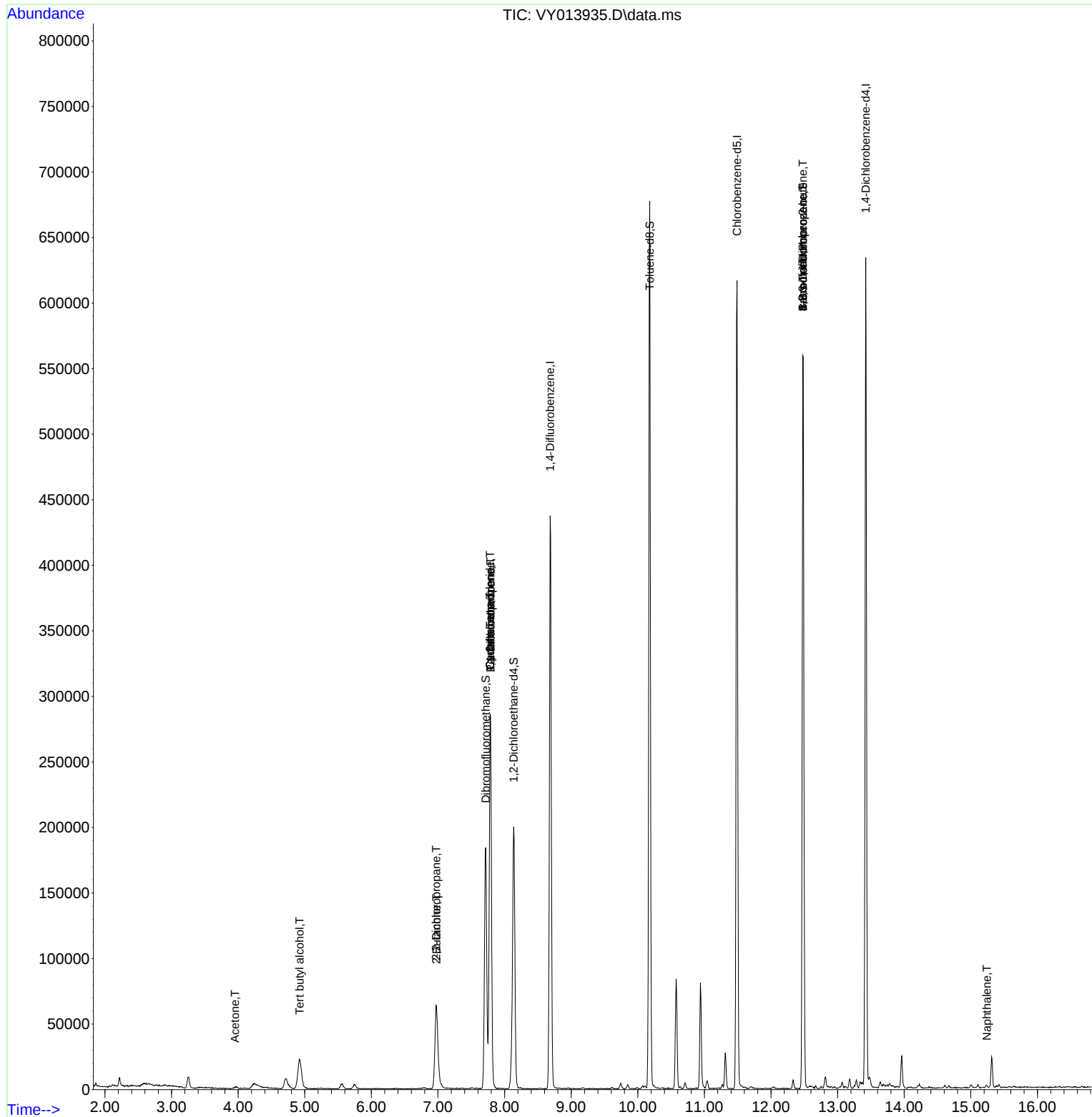
Internal Standards						
1) Pentafluorobenzene	7.789	168	225111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353271	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	331304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157610	60.519	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.040%	
35) Dibromofluoromethane	7.716	113	126827	55.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.180%	
50) Toluene-d8	10.179	98	432420	49.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.477	95	144067	49.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	22401	112.281	ug/l #	76
16) Acetone	3.954	43	2853	3.691	ug/l #	87
20) Methylene Chloride	4.710	84	5415	Below Cal		93
25) 2-Butanone	6.978	43	4770	5.057	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	4737	1.161	ug/l #	53
31) Cyclohexane	7.783	56	5471	1.367	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	17354	4.994	ug/l #	51
38) Carbon Tetrachloride	7.783	117	22130	5.600	ug/l #	20
71) Bromoform	12.477	173	1804	1.030	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	80215	43.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80215	94.866	ug/l #	10
95) Naphthalene	15.239	128	1894	4.808	ug/l #	93

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

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MSVOA_Y
ClientSampleId :

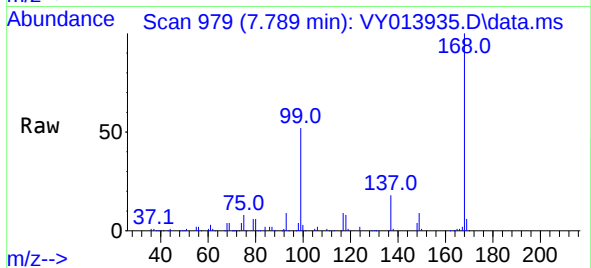
Quant Time: May 31 17:32:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration



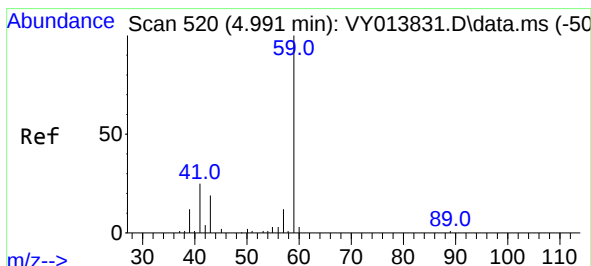
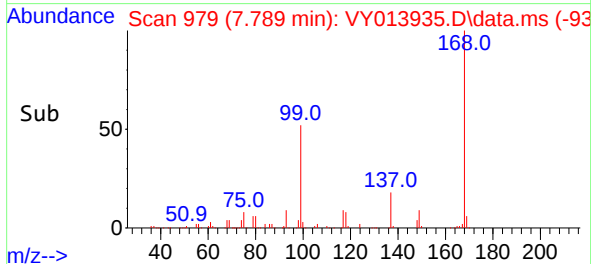
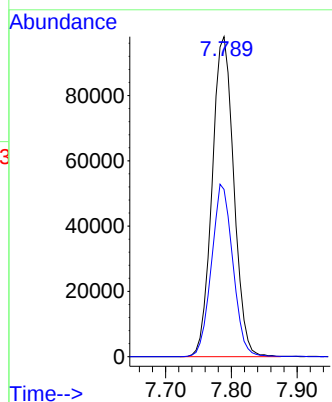


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

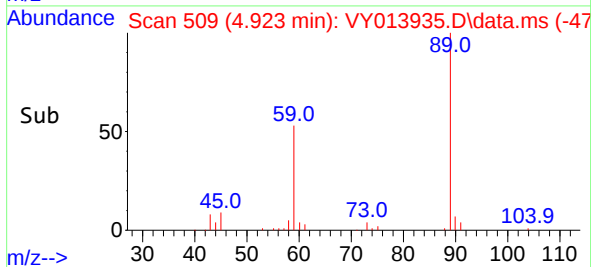
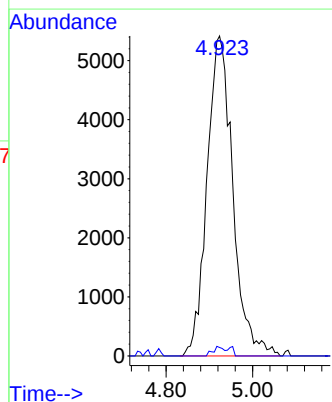
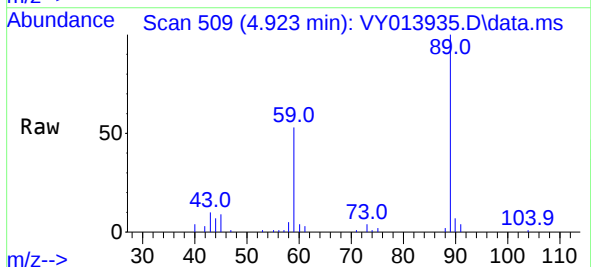


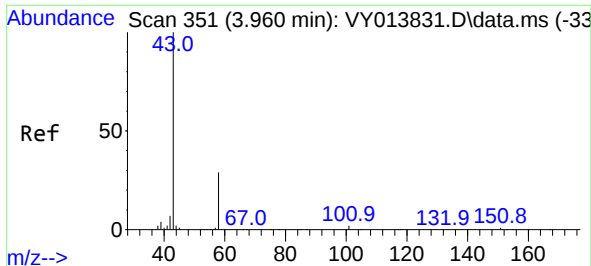
Tgt Ion:168 Resp: 225111
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.2



#11
Tert butyl alcohol
Concen: 112.281 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.067 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Tgt Ion: 59 Resp: 22401
Ion Ratio Lower Upper
59 100
57 1.2 8.1 12.1#

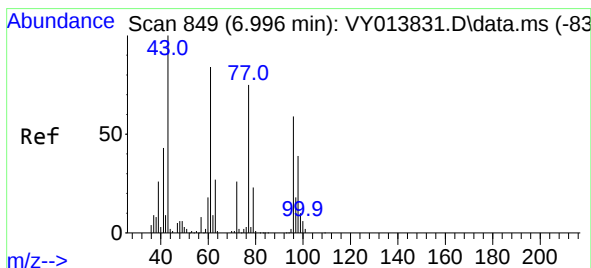
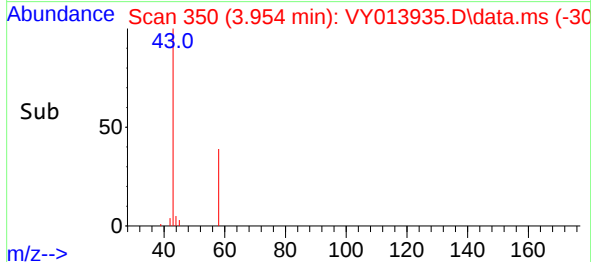
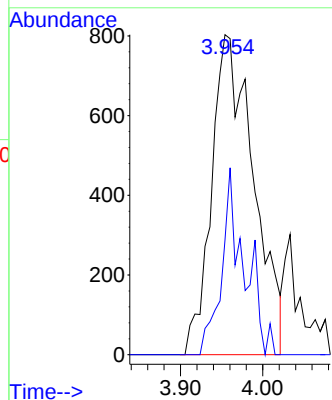
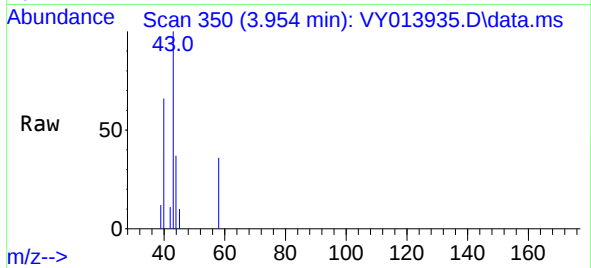




#16
Acetone
Concen: 3.691 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

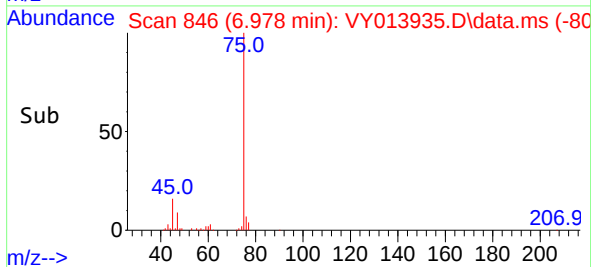
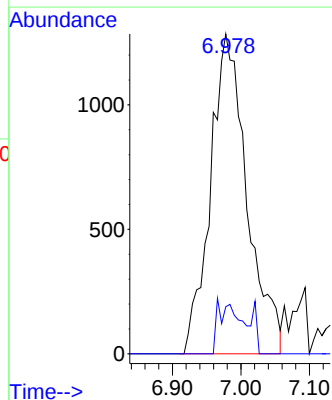
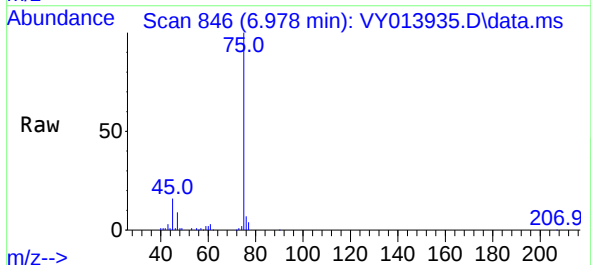
Instrument :
MSVOA_Y
ClientSampleId :

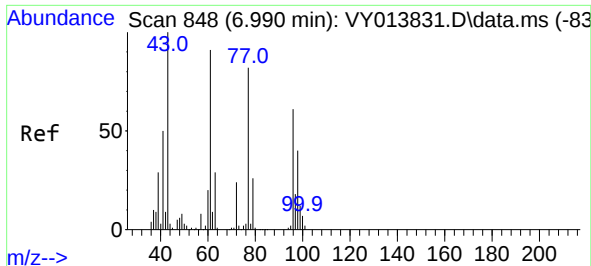
Tgt Ion: 43 Resp: 2853
Ion Ratio Lower Upper
43 100
58 35.9 23.3 34.9#



#25
2-Butanone
Concen: 5.057 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Tgt Ion: 43 Resp: 4770
Ion Ratio Lower Upper
43 100
72 14.7 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.161 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

Instrument :

MSVOA_Y

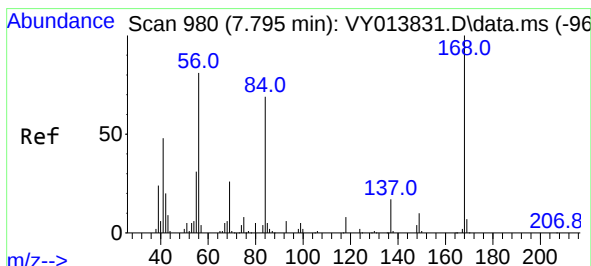
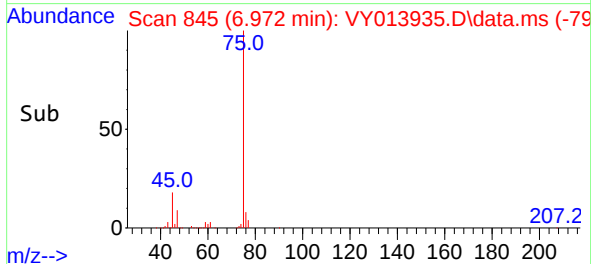
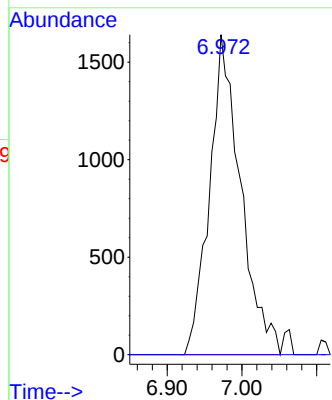
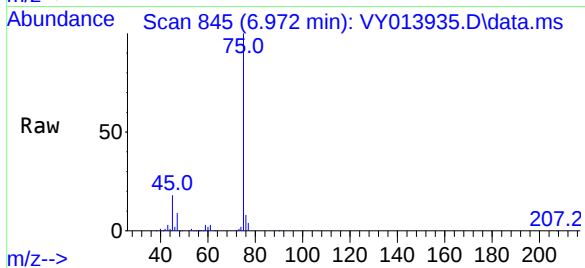
ClientSampleId :

Tgt Ion: 77 Resp: 4737

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#31

Cyclohexane

Concen: 1.367 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.012 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

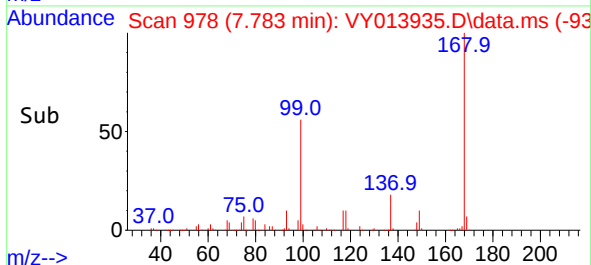
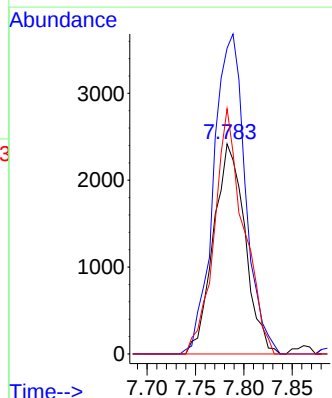
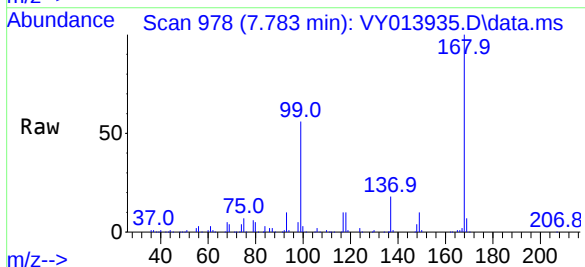
Tgt Ion: 56 Resp: 5471

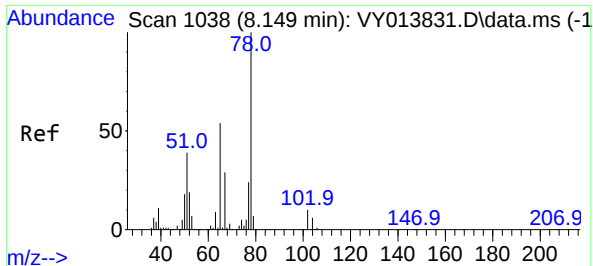
Ion Ratio Lower Upper

56 100

69 145.6 25.8 38.8#

84 116.7 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 60.519 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

Instrument :

MSVOA_Y

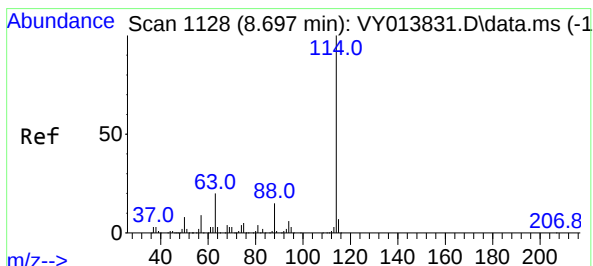
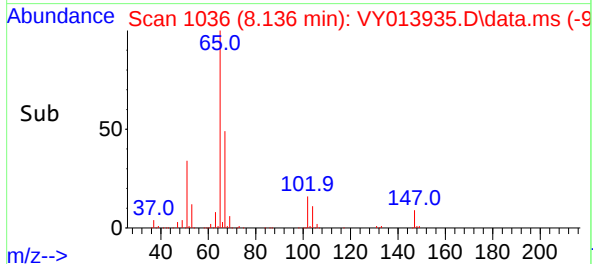
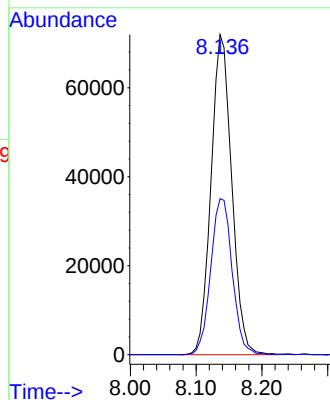
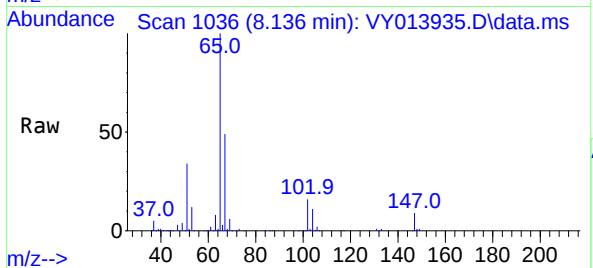
ClientSampleId :

Tgt Ion: 65 Resp: 157610

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013935.D

Acq: 31 May 2023 15:04

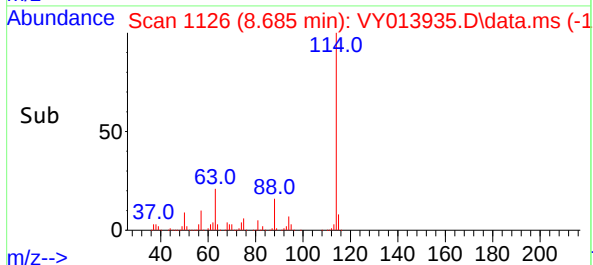
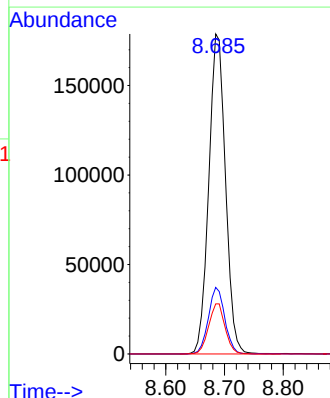
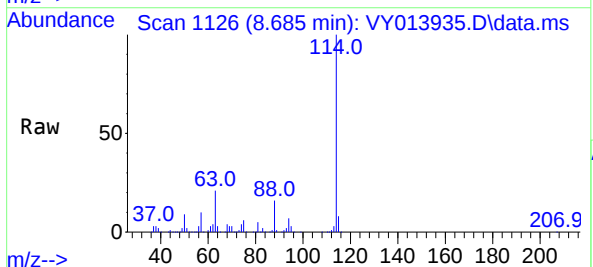
Tgt Ion:114 Resp: 353271

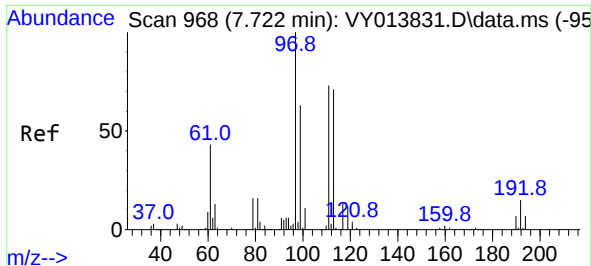
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

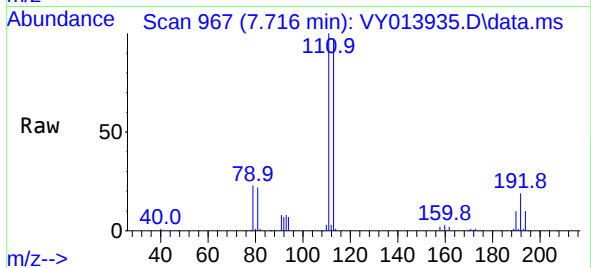
88 15.7 0.0 30.0



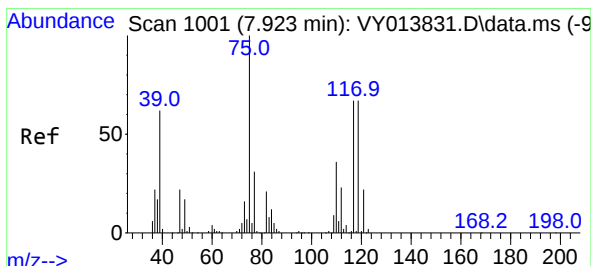
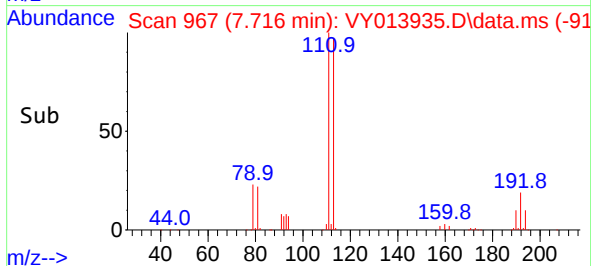
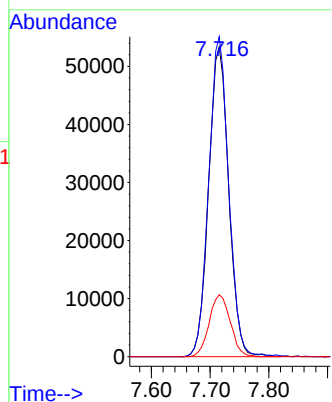


#35
Dibromofluoromethane
Concen: 55.591 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

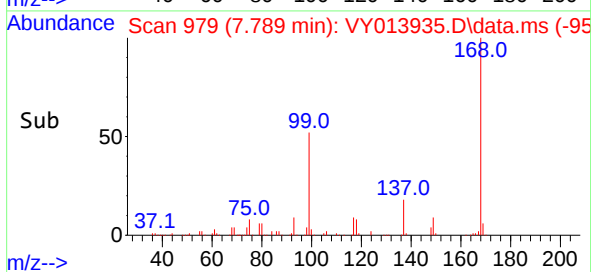
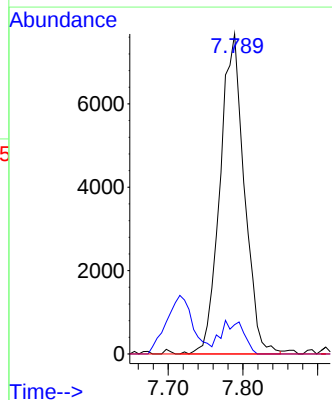
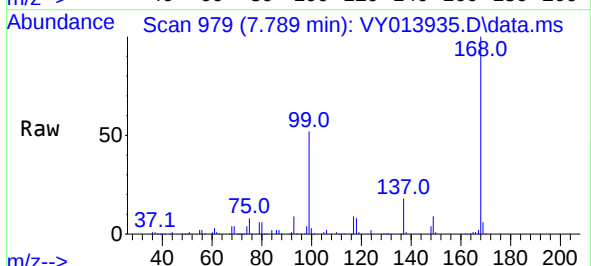


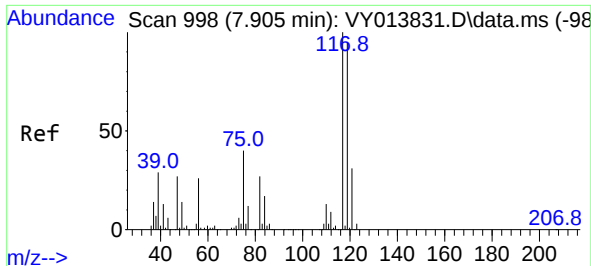
Tgt Ion:113 Resp: 126827
Ion Ratio Lower Upper
113 100
111 102.6 80.4 120.6
192 21.0 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

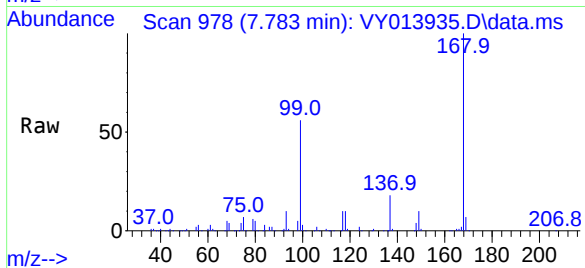
Tgt Ion: 75 Resp: 17354
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.6#
77 0.0 24.4 36.6#



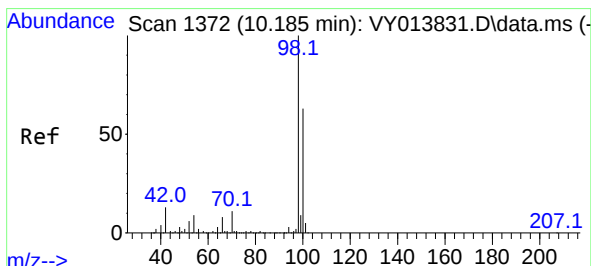
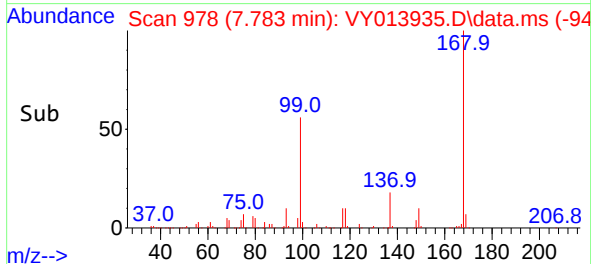
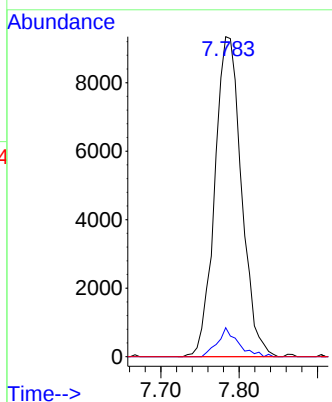


#38
Carbon Tetrachloride
Concen: 5.600 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

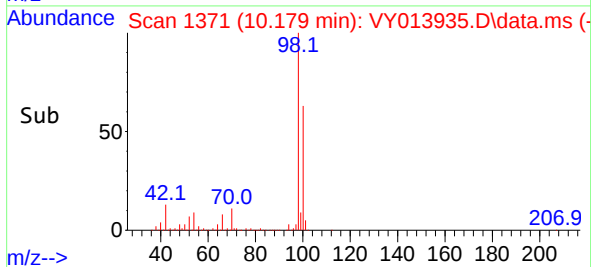
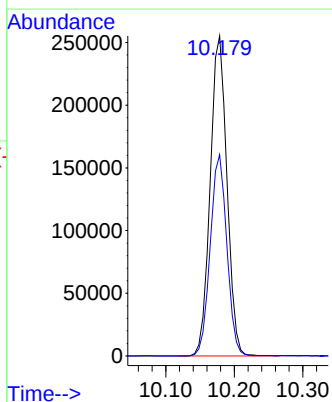
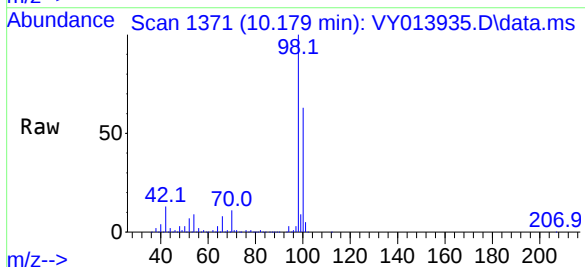


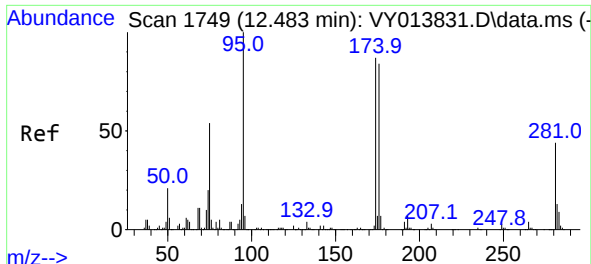
Tgt Ion:117 Resp: 22130
Ion Ratio Lower Upper
117 100
119 9.1 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

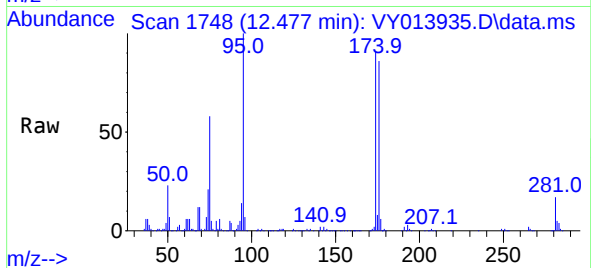
Tgt Ion: 98 Resp: 432420
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2



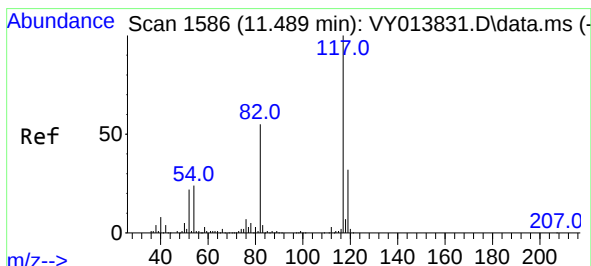
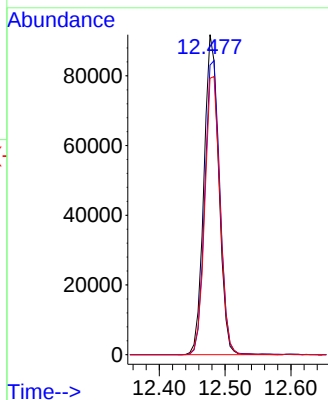
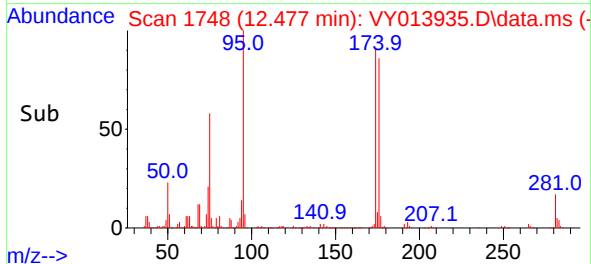


#62
4-Bromofluorobenzene
Concen: 49.984 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

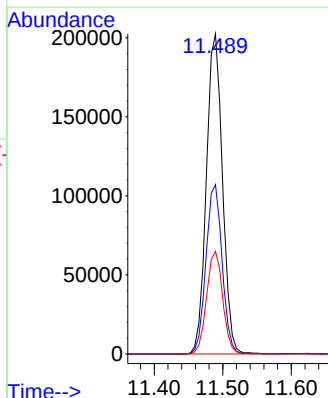
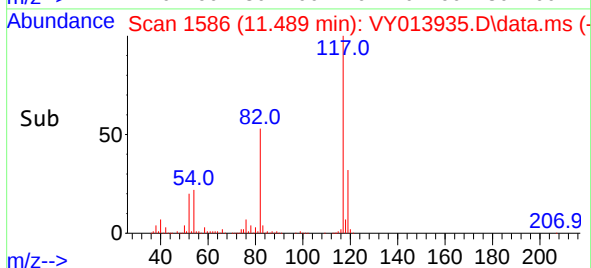
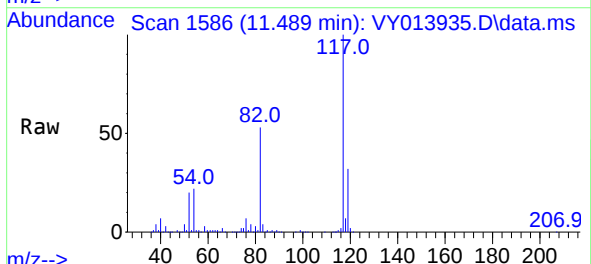


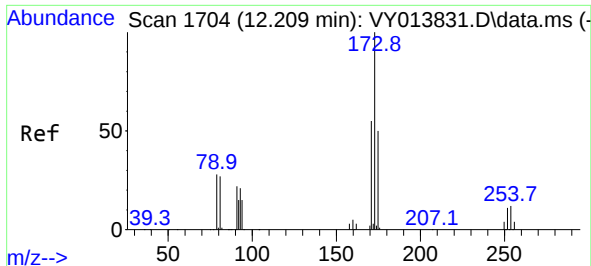
Tgt Ion: 95 Resp: 144067
Ion Ratio Lower Upper
95 100
174 93.6 0.0 176.0
176 89.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Tgt Ion: 117 Resp: 331304
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.4
119 32.1 25.7 38.5

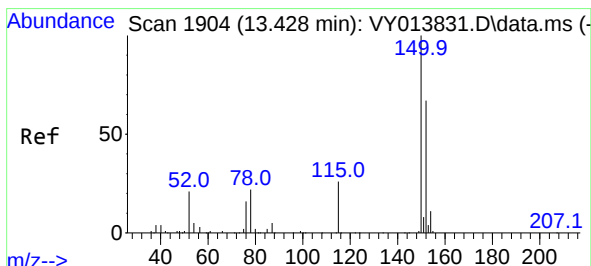
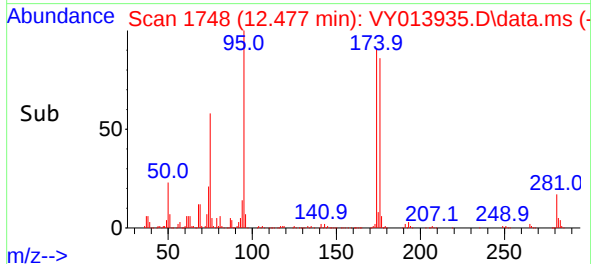
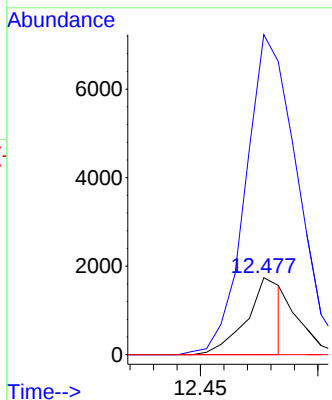
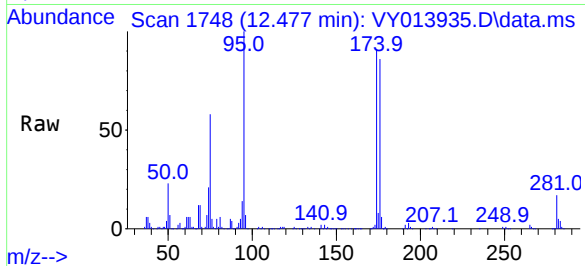




#71
Bromoform
Concen: 1.030 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.268 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

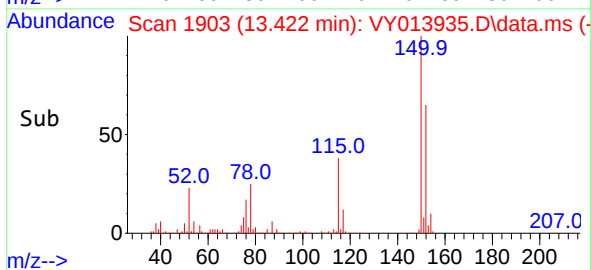
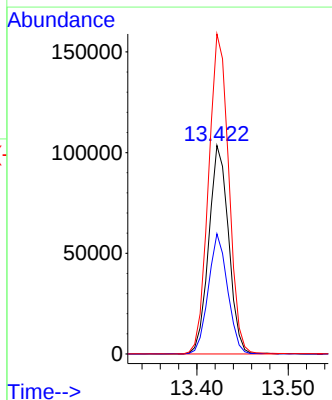
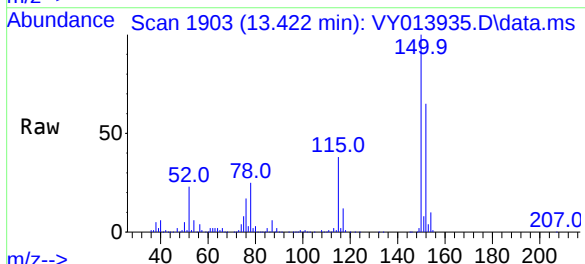
Instrument :
MSVOA_Y
ClientSampleId :

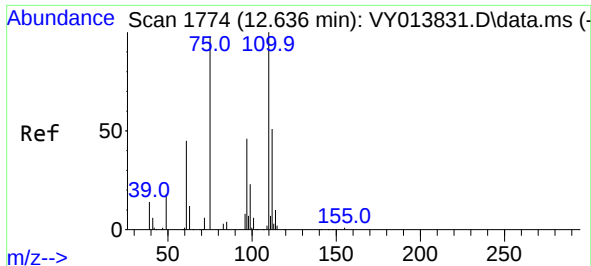
Tgt Ion:173 Resp: 1804
Ion Ratio Lower Upper
173 100
175 431.3 25.1 75.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Tgt Ion:152 Resp: 155661
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 156.6 0.0 353.4

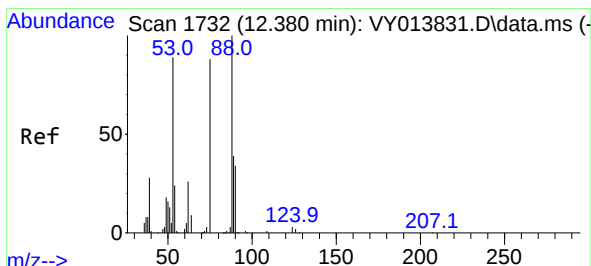
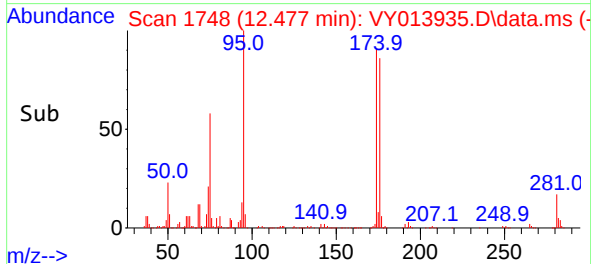
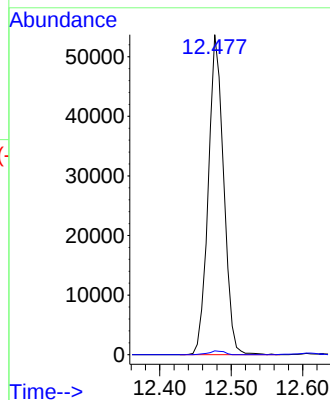
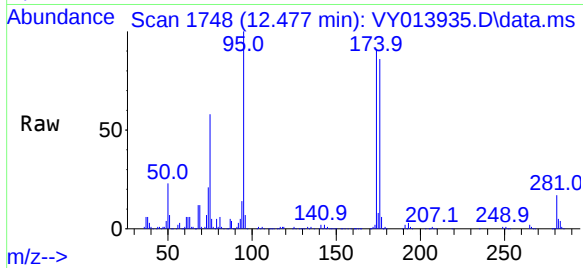




#76
1,2,3-Trichloropropane
Concen: 43.703 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

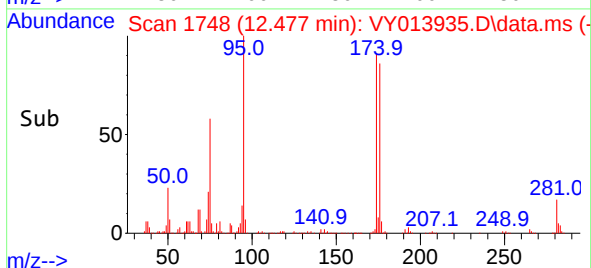
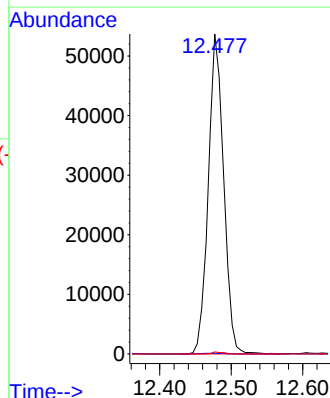
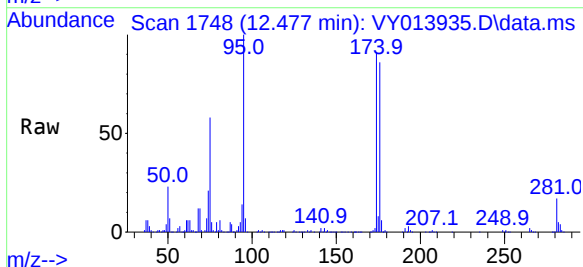
Instrument :
MSVOA_Y
ClientSampleId :

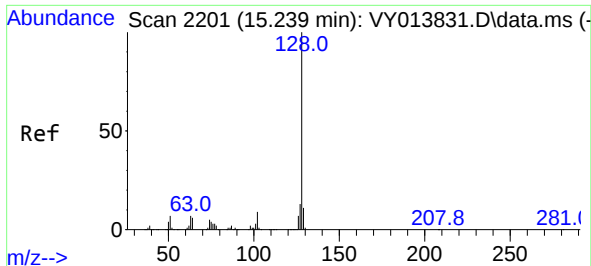
Tgt Ion: 75 Resp: 80215
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.866 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013935.D
Acq: 31 May 2023 15:04

Tgt Ion: 75 Resp: 80215
Ion Ratio Lower Upper
75 100
53 0.4 79.7 119.5#
89 0.4 36.4 54.6#





#95

Naphthalene

Concen: 4.808 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

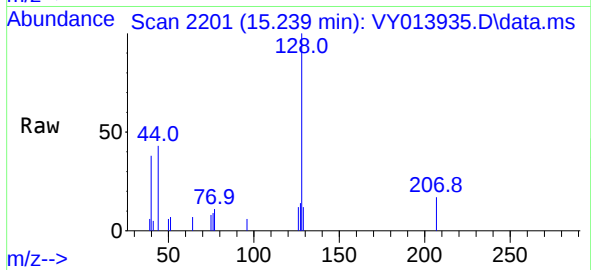
Lab File: VY013935.D

Acq: 31 May 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	1894
Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.7	16.1#
129	10.1	9.0	13.4

