

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020445.D
 Acq On : 26 Nov 2024 12:11
 Operator : SY/MD
 Sample : VY1126SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 01:38:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

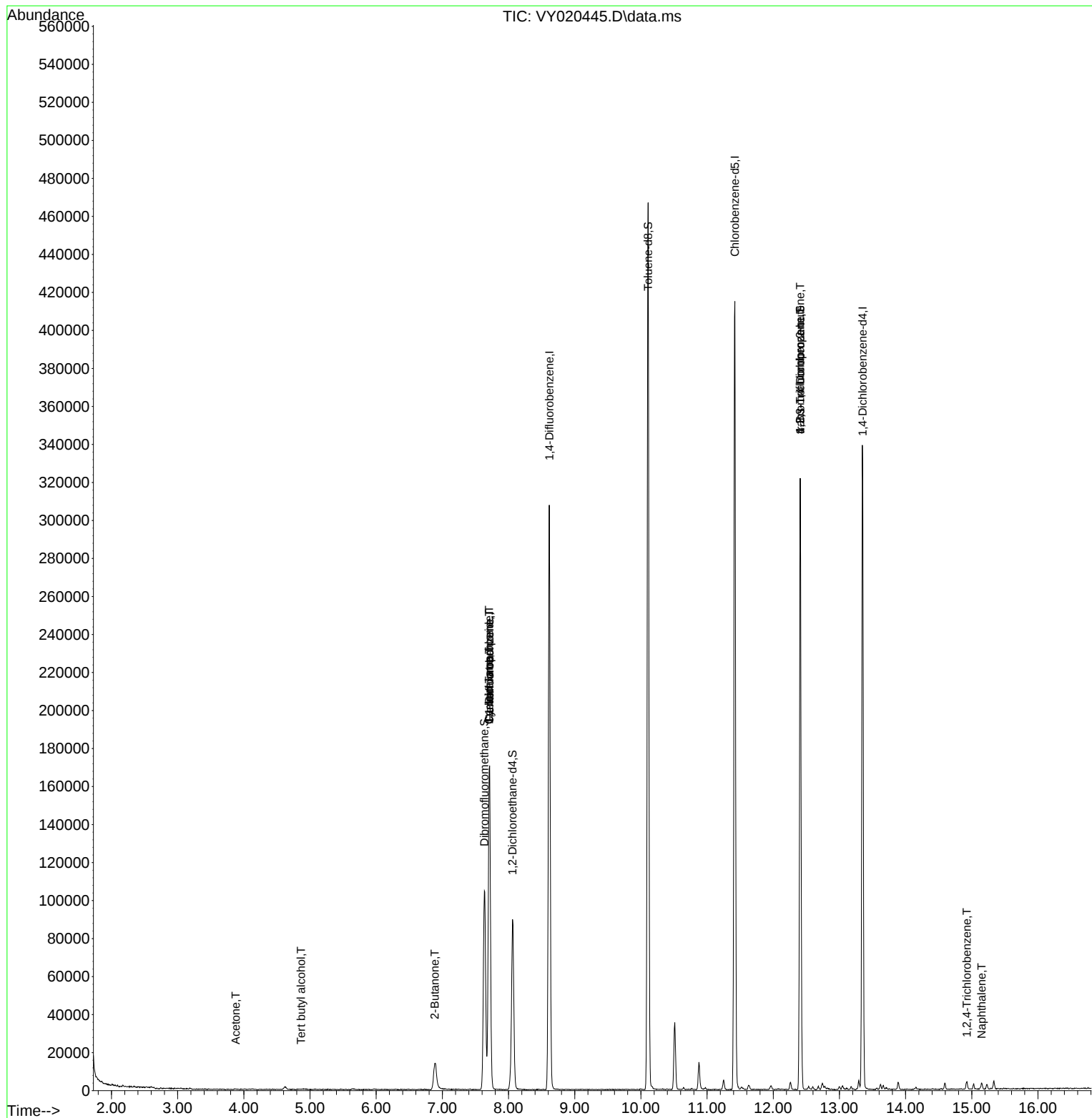
Internal Standards						
1) Pentafluorobenzene	7.713	168	127760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	246068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	225110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	82635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	71030	48.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.780%
35) Dibromofluoromethane	7.634	113	74613	47.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.580%
50) Toluene-d8	10.109	98	296824	47.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.408	95	95135	47.613	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	93	Below Cal	#	41
11) Tert butyl alcohol	4.866	59	336	2.265	ug/l #	73
16) Acetone	3.879	43	576	1.637	ug/l #	43
25) 2-Butanone	6.884	43	972	2.146	ug/l #	87
31) Cyclohexane	7.707	56	3097	1.132	ug/l #	14
36) 1,1-Dichloropropene	7.707	75	10652	4.420	ug/l #	53
38) Carbon Tetrachloride	7.707	117	14527	5.773	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	52459	67.354	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	52459	131.976	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.926	180	1621	1.085	ug/l	90
95) Naphthalene	15.151	128	2736	1.063	ug/l	98

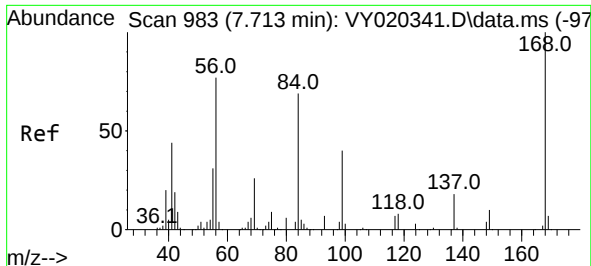
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
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ALS Vial : 3 Sample Multiplier: 1

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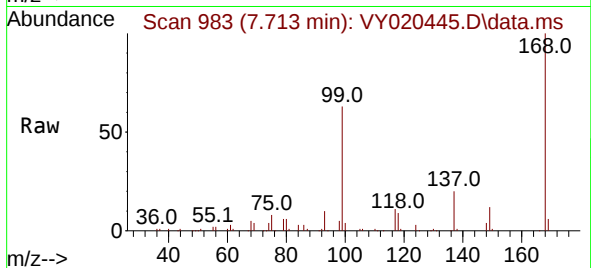
Quant Time: Nov 27 01:38:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
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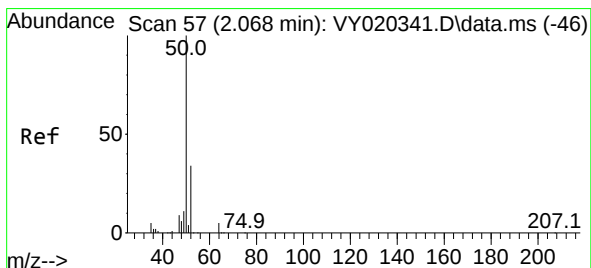
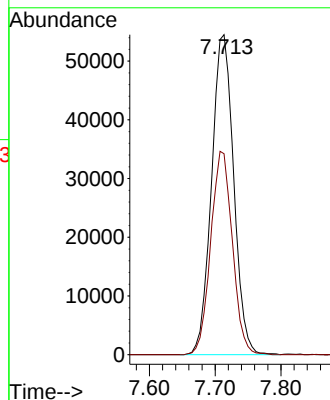
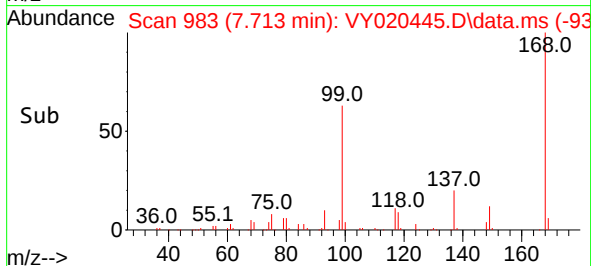


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :

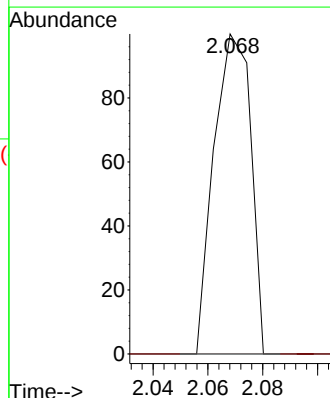
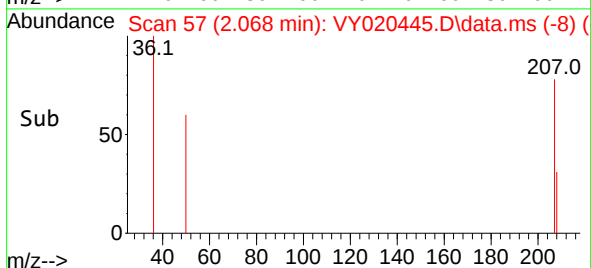
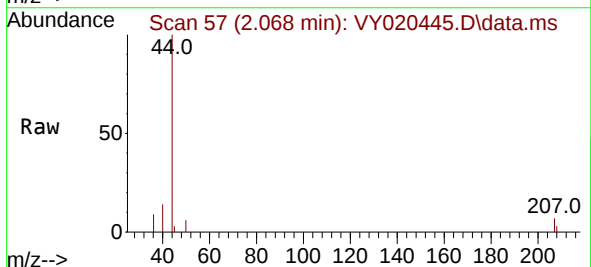


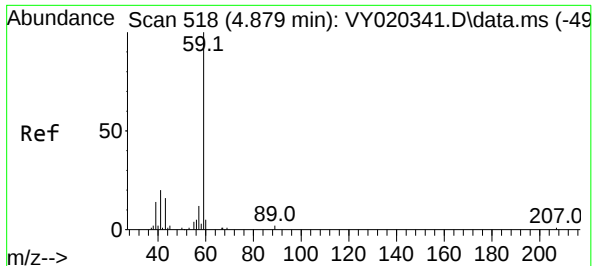
Tgt Ion:168 Resp: 127760
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

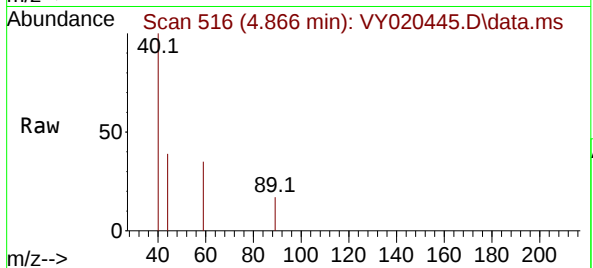
Tgt Ion: 50 Resp: 93
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



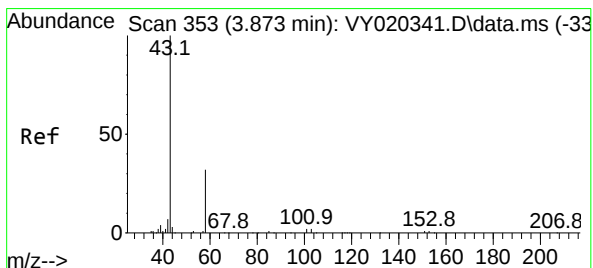
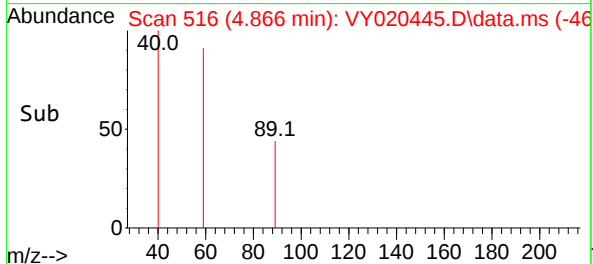
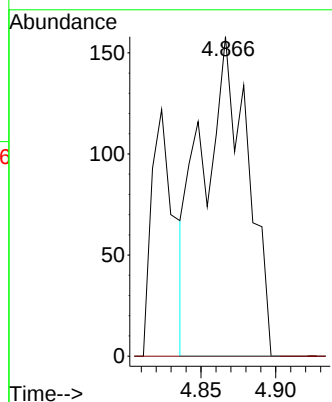


#11
Tert butyl alcohol
Concen: 2.265 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :

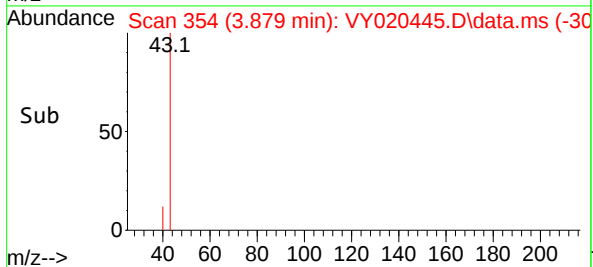
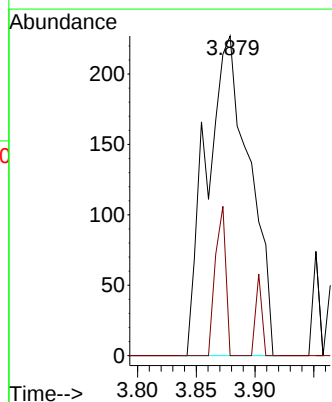
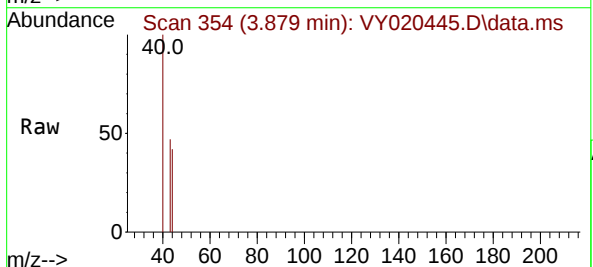


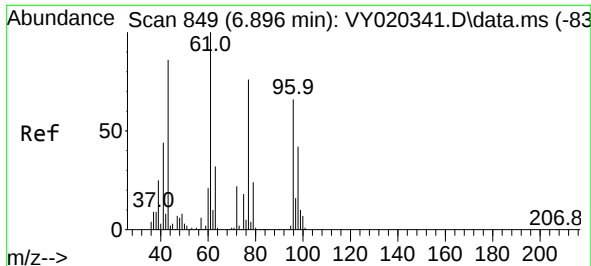
Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.637 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

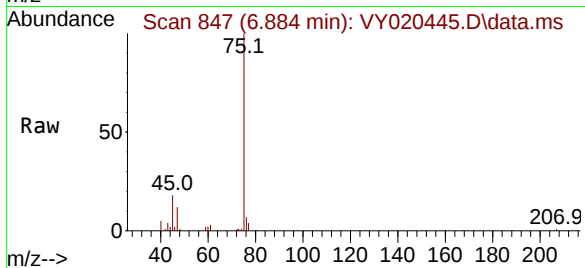
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



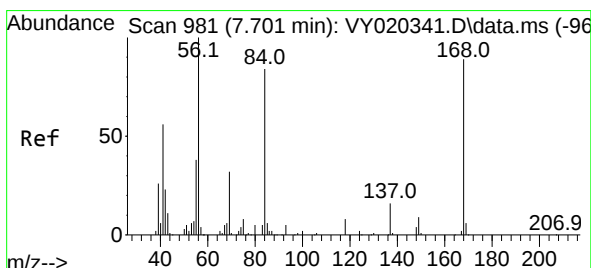
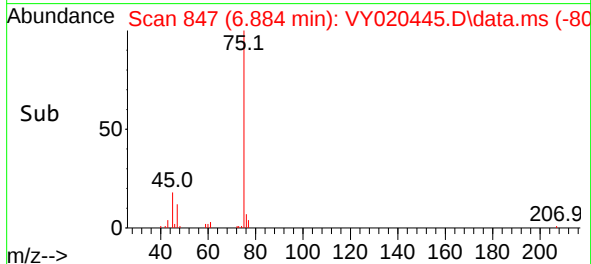
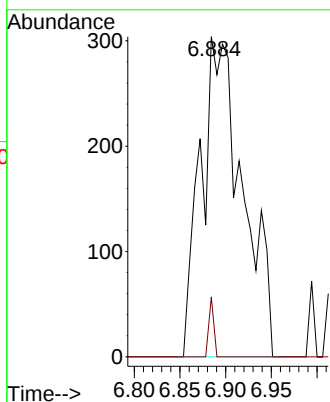


#25
2-Butanone
Concen: 2.146 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :

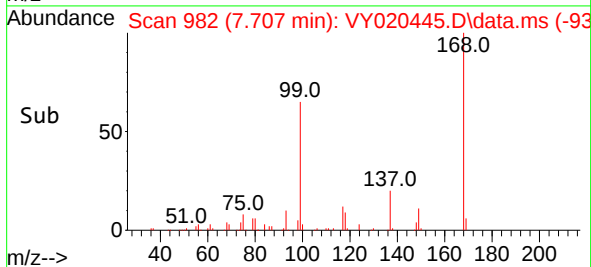
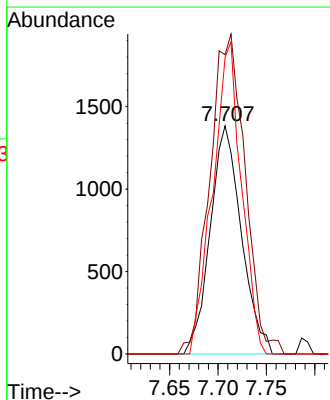
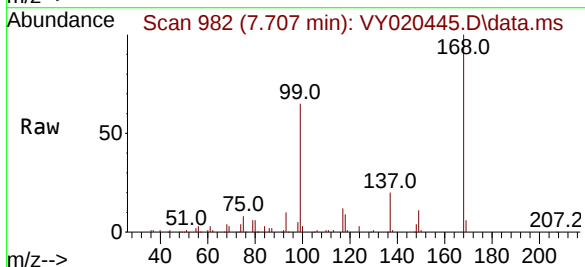


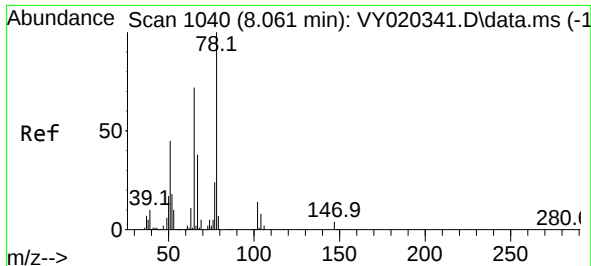
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
72 18.8 20.4 30.6#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Tgt Ion: 56 Resp: 3097
Ion Ratio Lower Upper
56 100
69 131.1 25.3 37.9#
84 129.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.392 ug/l

RT: 8.061 min Scan# 11030

Delta R.T. -0.000 min

Lab File: VY020445.D

Acq: 26 Nov 2024 12:11

Instrument :

MSVOA_Y

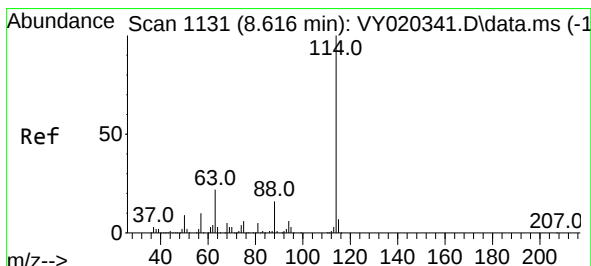
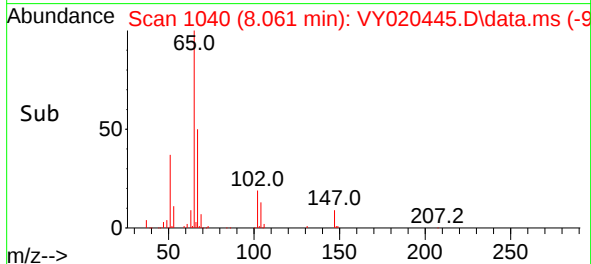
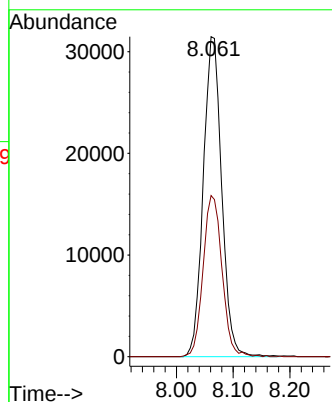
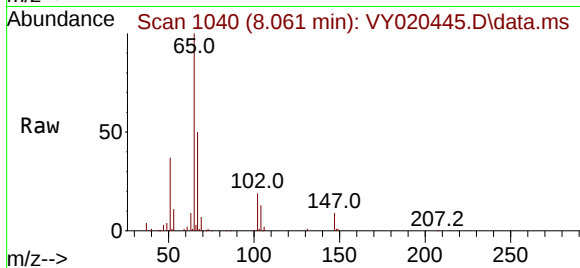
ClientSampleId :

Tgt Ion: 65 Resp: 71030

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020445.D

Acq: 26 Nov 2024 12:11

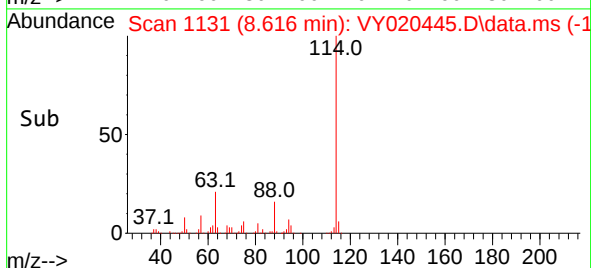
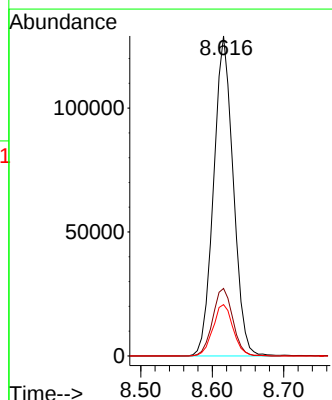
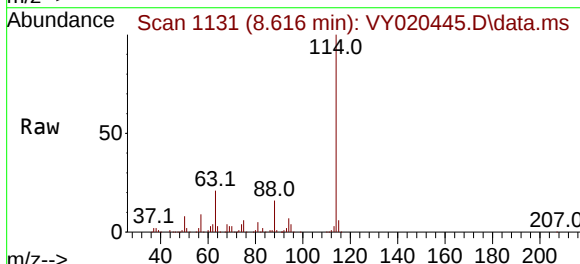
Tgt Ion: 114 Resp: 246068

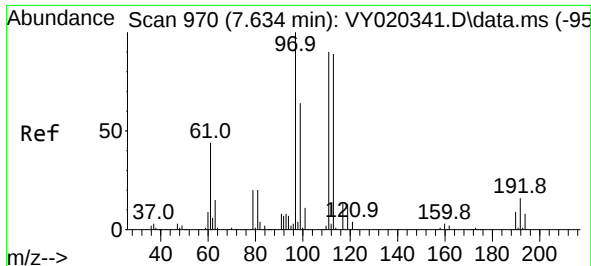
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.8

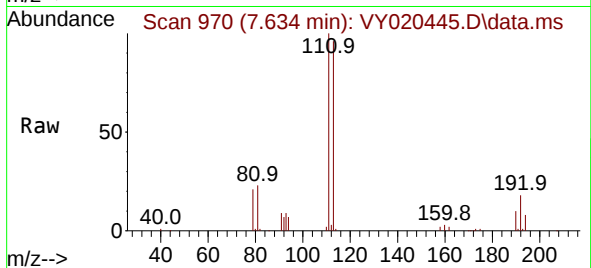
88 16.1 0.0 32.0



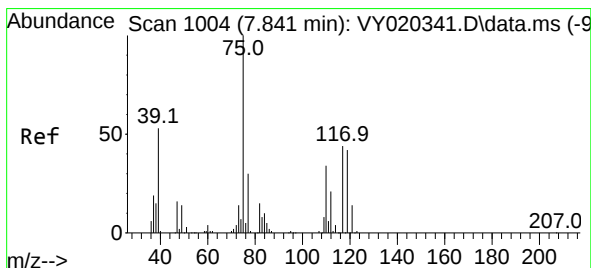
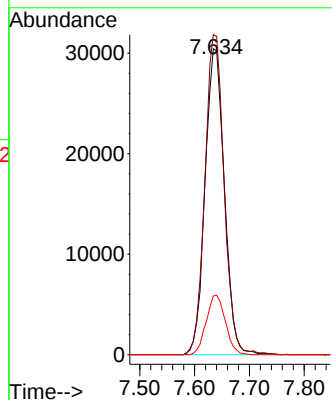
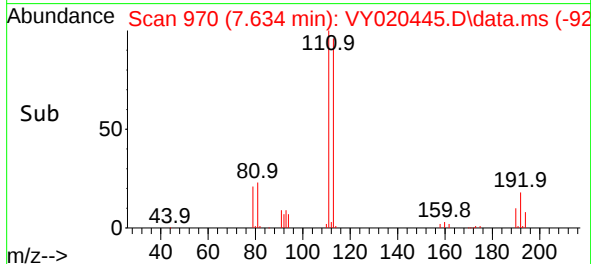


#35
Dibromofluoromethane
Concen: 47.288 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

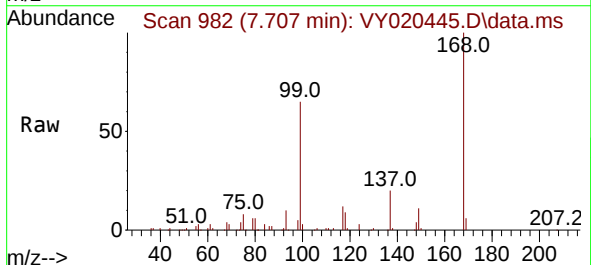
Instrument :
MSVOA_Y
ClientSampleId :



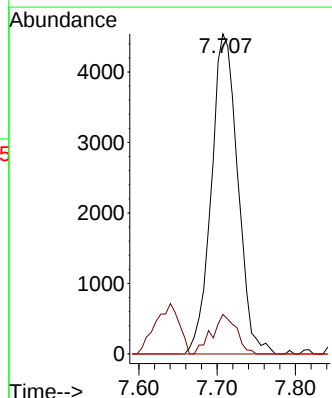
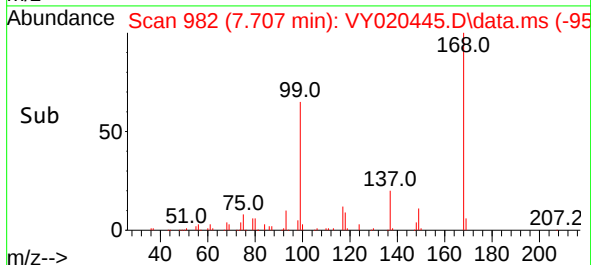
Tgt Ion:113 Resp: 74613
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.2 15.1 22.7

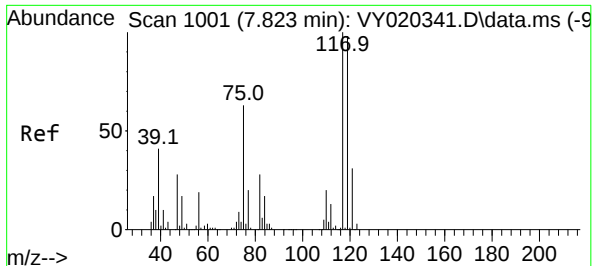


#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11



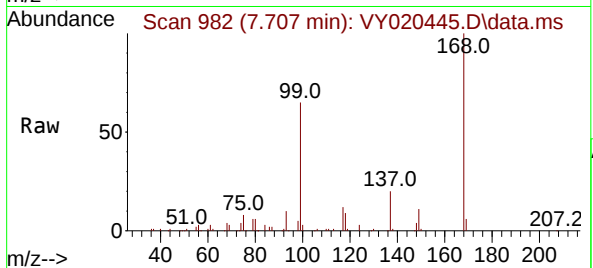
Tgt Ion: 75 Resp: 10652
Ion Ratio Lower Upper
75 100
110 11.5 16.7 50.0#
77 0.0 24.6 36.8#



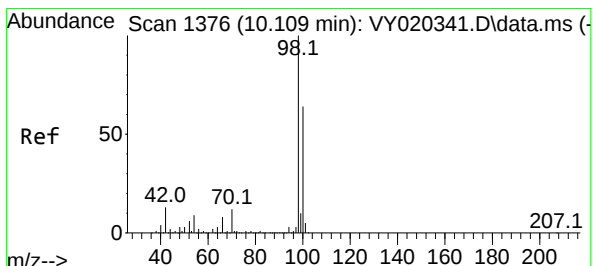
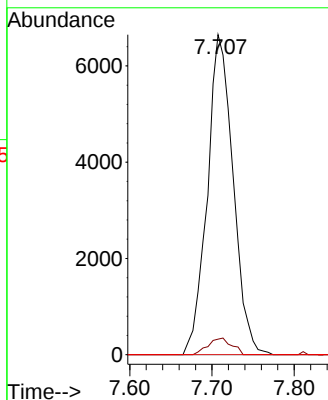
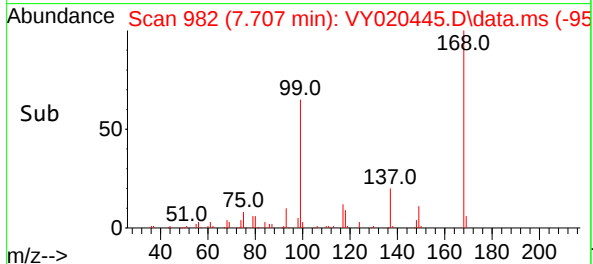


#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :

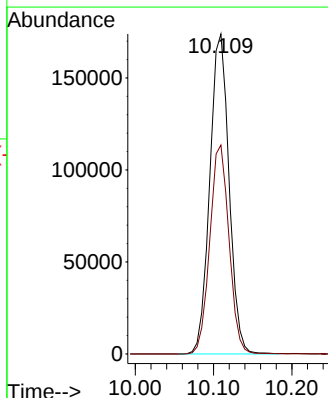
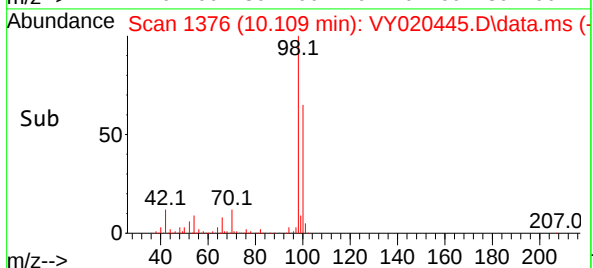
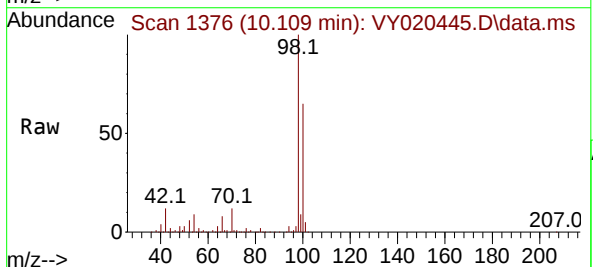


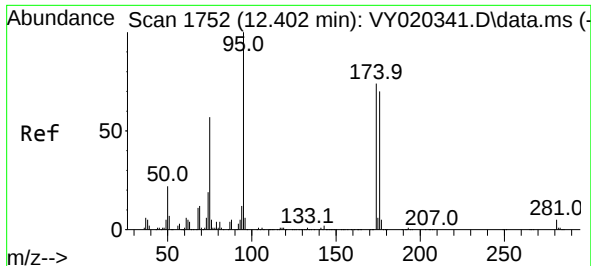
Tgt Ion:117 Resp: 14527
Ion Ratio Lower Upper
117 100
119 4.9 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.755 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Tgt Ion: 98 Resp: 296824
Ion Ratio Lower Upper
98 100
100 65.1 51.3 76.9

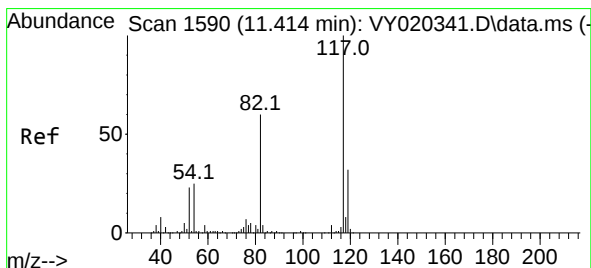
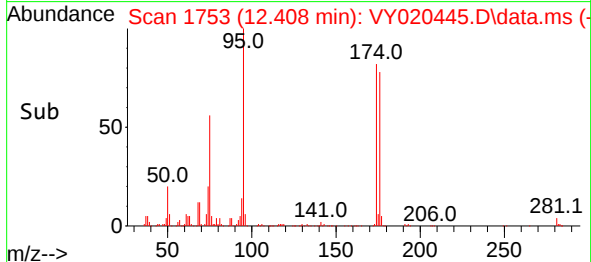
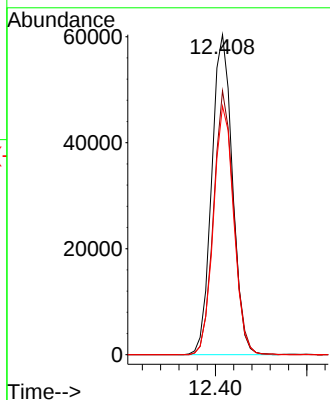
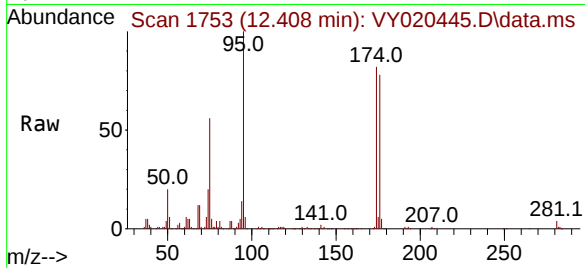




#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

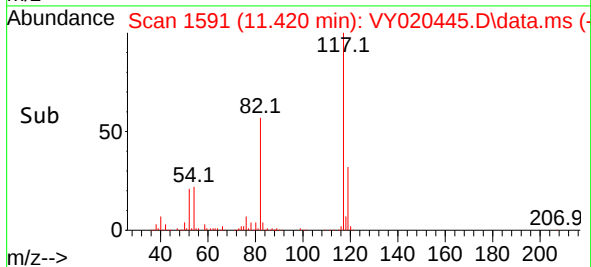
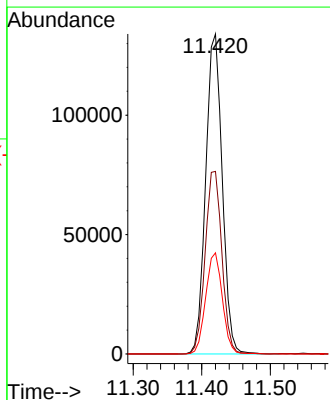
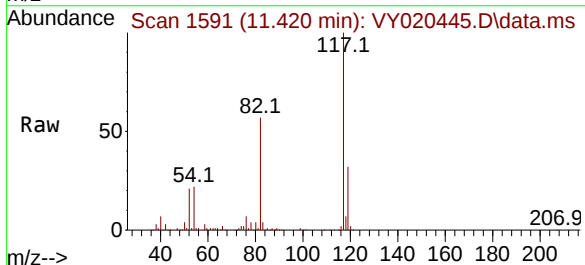
Instrument :
MSVOA_Y
ClientSampleId :

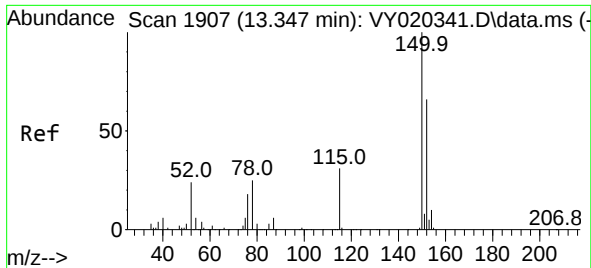
Tgt Ion: 95 Resp: 95135
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 76.3 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Tgt Ion: 117 Resp: 225110
Ion Ratio Lower Upper
117 100
82 57.0 48.2 72.4
119 31.6 25.8 38.8

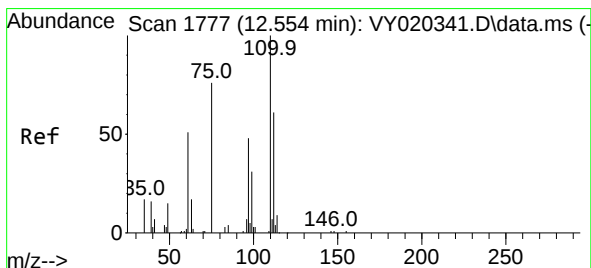
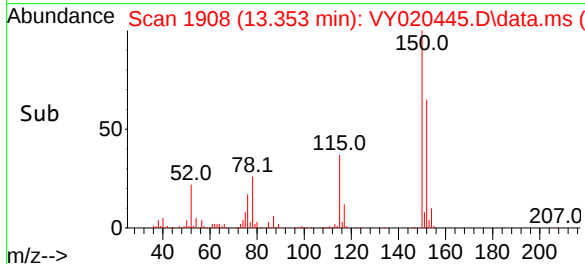
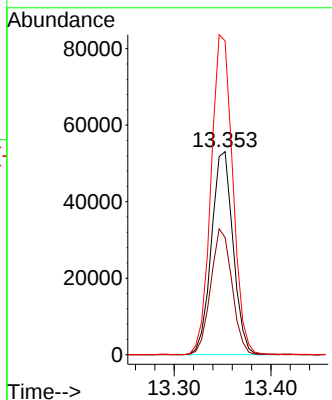
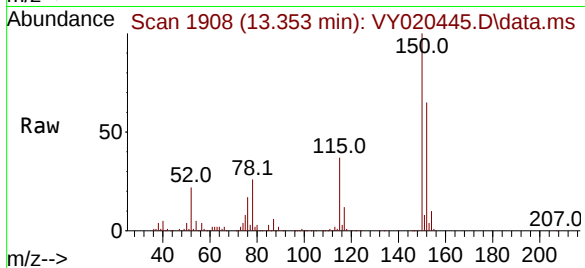




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

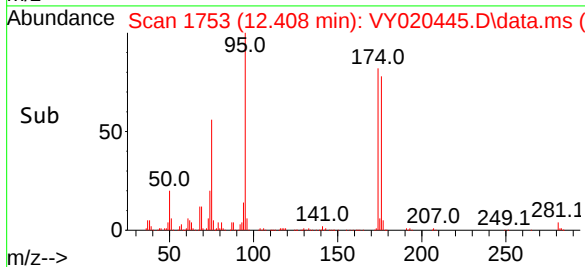
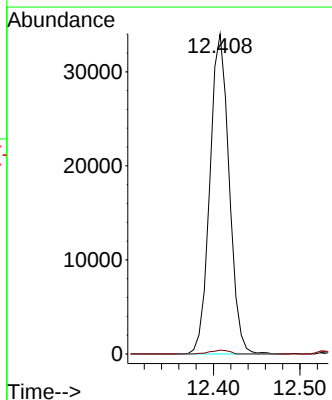
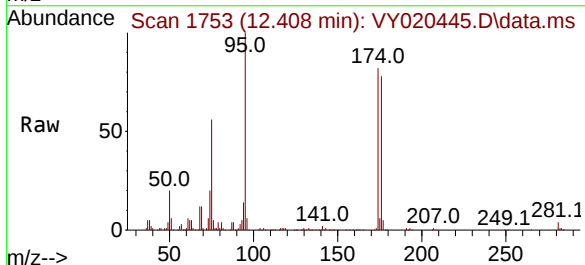
Instrument :
MSVOA_Y
ClientSampleId :

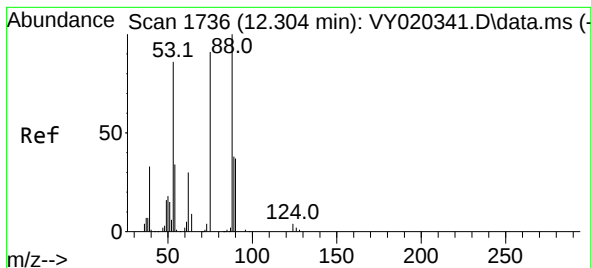
Tgt Ion:152 Resp: 82635
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 158.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 67.354 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020445.D
Acq: 26 Nov 2024 12:11

Tgt Ion: 75 Resp: 52459
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

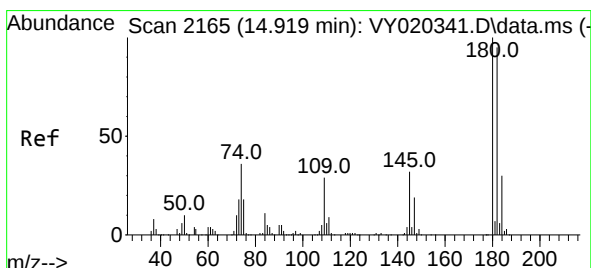
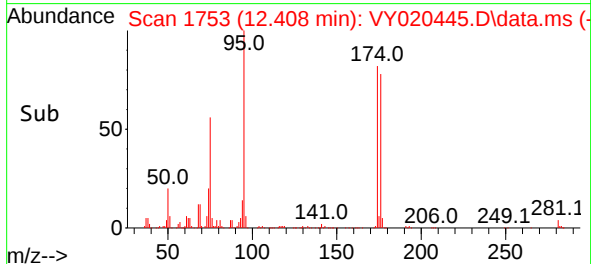
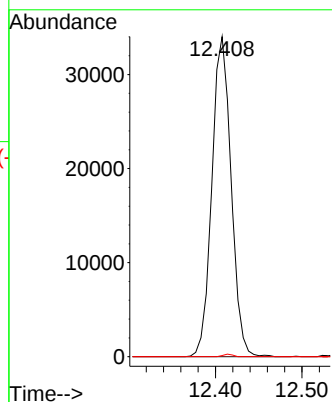
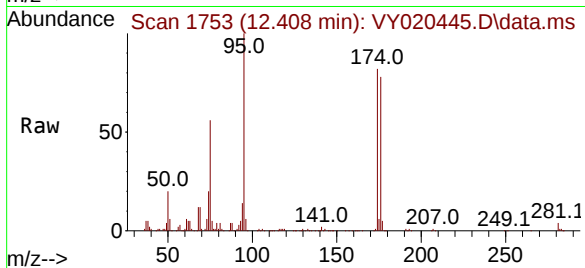




#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.976 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.104 min
 Lab File: VY020445.D
 Acq: 26 Nov 2024 12:11

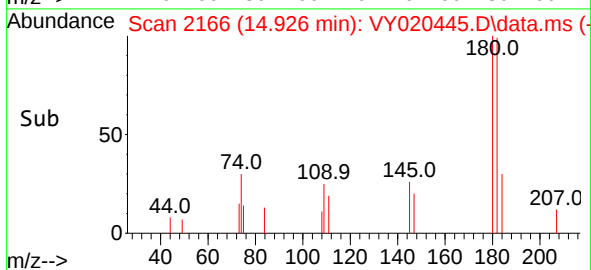
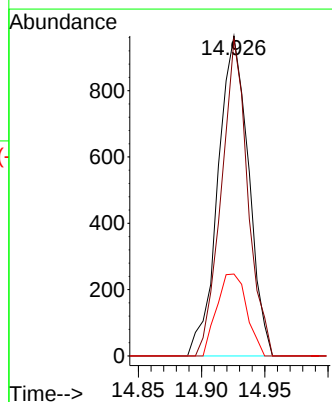
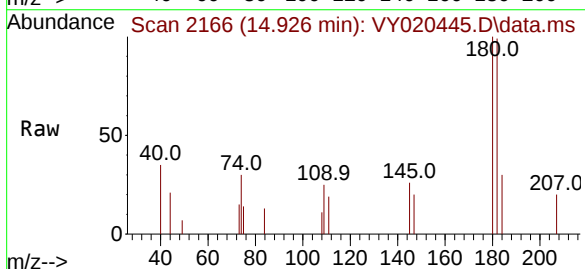
Instrument :
 MSVOA_Y
 ClientSampleId :

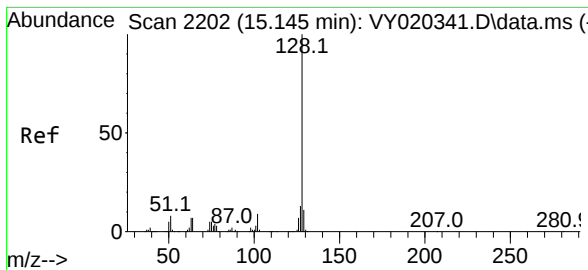
Tgt Ion: 75 Resp: 52459
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.4 35.1 52.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.085 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY020445.D
 Acq: 26 Nov 2024 12:11

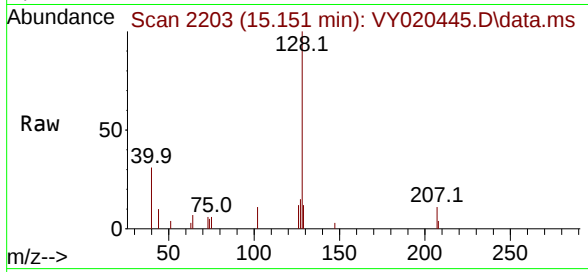
Tgt Ion:180 Resp: 1621
 Ion Ratio Lower Upper
 180 100
 182 85.6 47.6 142.8
 145 25.0 15.8 47.3





#95
 Naphthalene
 Concen: 1.063 ug/l
 RT: 15.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020445.D
 Acq: 26 Nov 2024 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	2736
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	12.0	8.6	13.0

