

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020243.D
 Acq On : 11 Nov 2024 13:15
 Operator : SY/MD
 Sample : P4768-01
 Misc : 2.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 11 23:14:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

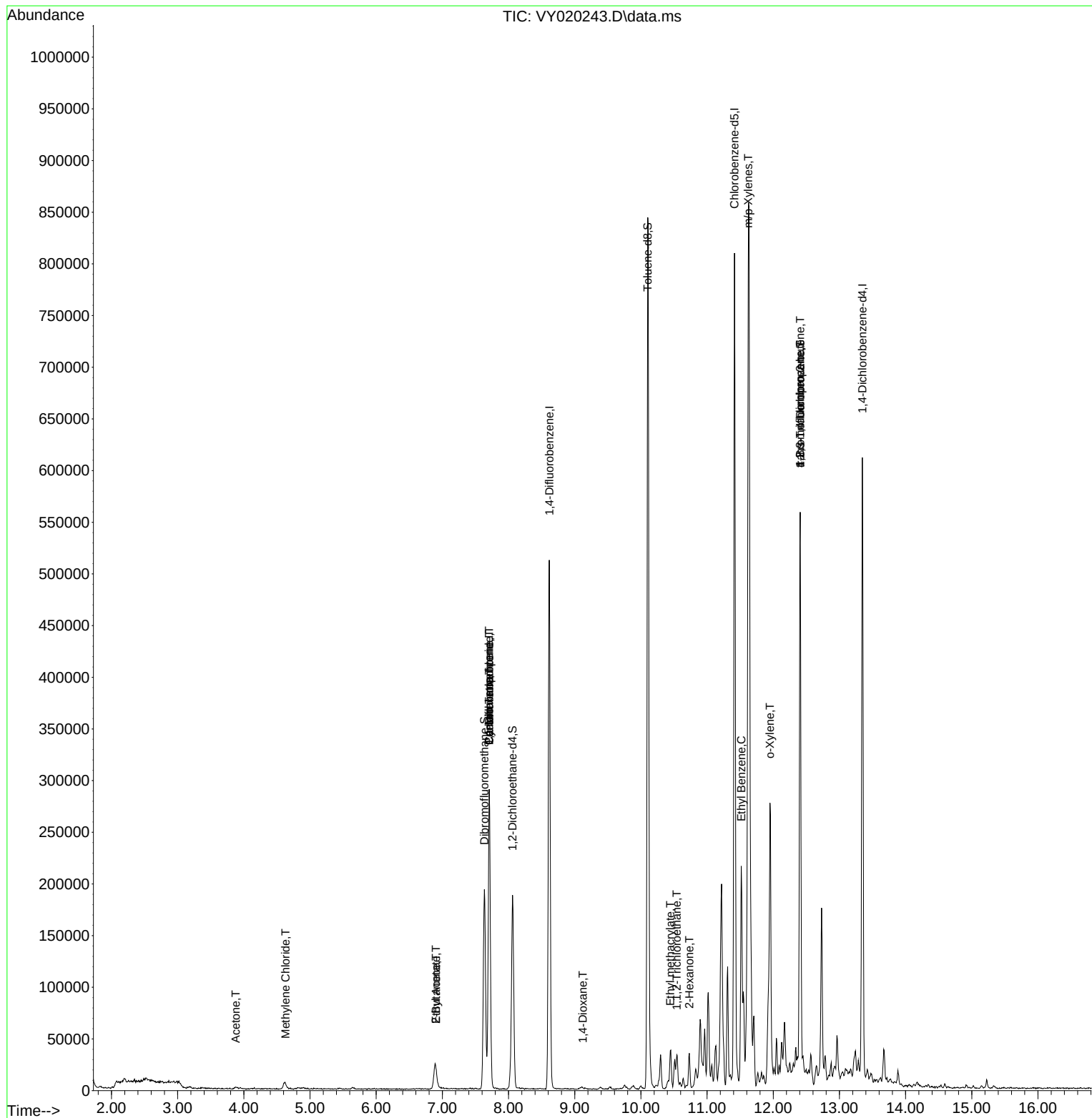
Internal Standards						
1) Pentafluorobenzene	7.707	168	194671	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	402875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	382441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	133835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136782	56.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.600%
35) Dibromofluoromethane	7.634	113	131525	51.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.103	98	509159	49.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.408	95	160547	48.478	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.960%
Target Compounds						
						Qvalue
16) Acetone	3.879	43	2920	5.168	ug/l	98
20) Methylene Chloride	4.629	84	3958	1.559	ug/l	93
25) 2-Butanone	6.903	43	2035	2.657	ug/l #	68
31) Cyclohexane	7.707	56	5709	1.295	ug/l #	13
36) 1,1-Dichloropropene	7.707	75	19099	4.827	ug/l #	47
37) Ethyl Acetate	6.903	43	2035	1.079	ug/l #	1
38) Carbon Tetrachloride	7.707	117	22340	5.615	ug/l #	18
49) 1,4-Dioxane	9.122	88	42	2.725	ug/l #	20
55) 1,1,2-Trichloroethane	10.542	97	11388	6.117	ug/l #	21
56) Ethyl methacrylate	10.445	69	3658	1.370	ug/l #	1
59) 2-Hexanone	10.731	43	13155	9.816	ug/l #	22
67) Ethyl Benzene	11.518	91	135368	8.887	ug/l	96
68) m/p-Xylenes	11.621	106	203893	36.584	ug/l	89
69) o-Xylene	11.950	106	59241	11.227	ug/l	90
76) 1,2,3-Trichloropropane	12.408	75	92053	73.375	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	92053	157.826	ug/l #	16

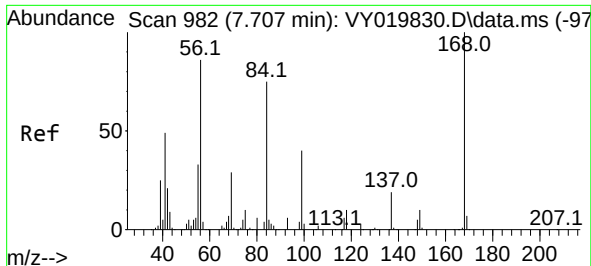
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
Data File : VY020243.D
Acq On : 11 Nov 2024 13:15
Operator : SY/MD
Sample : P4768-01
Misc : 2.86g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 11 23:14:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

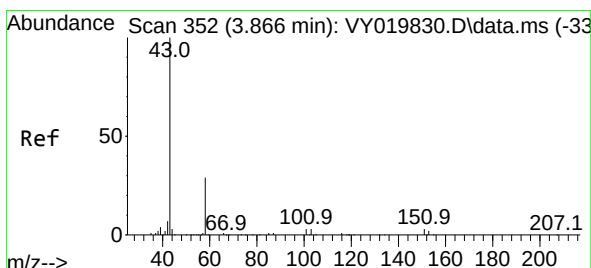
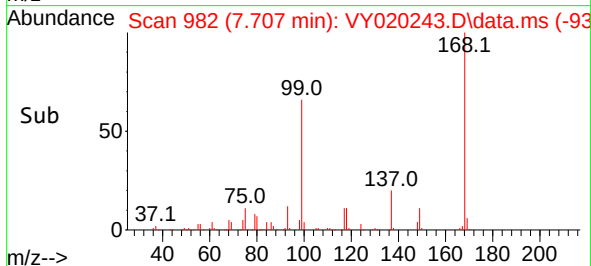
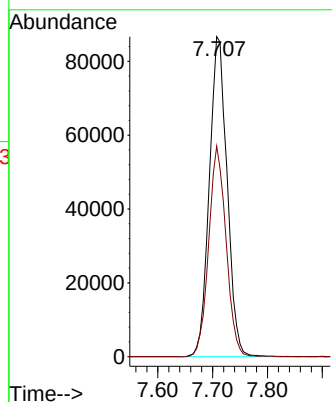
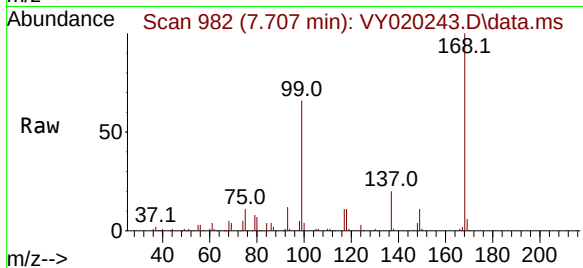




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

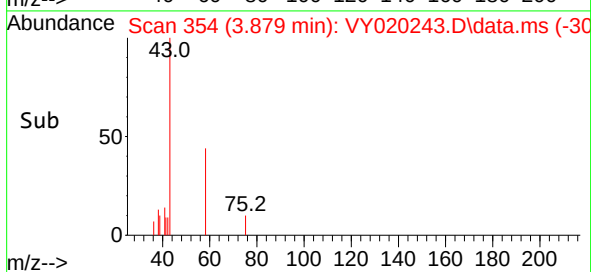
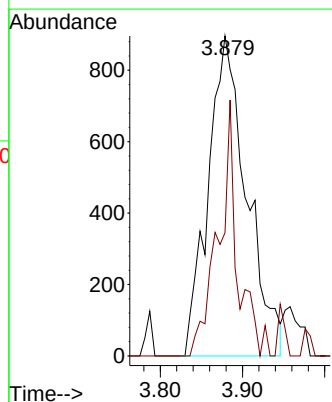
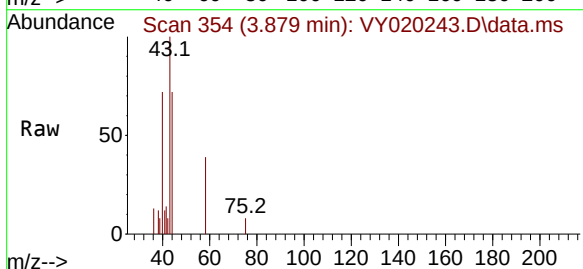
Instrument :
MSVOA_Y
ClientSampleId :

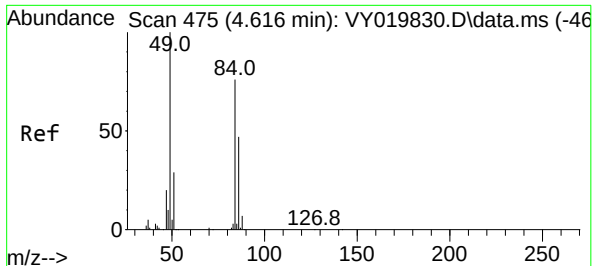
Tgt Ion:168 Resp: 194671
Ion Ratio Lower Upper
168 100
99 65.8 39.1 58.7#



#16
Acetone
Concen: 5.168 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

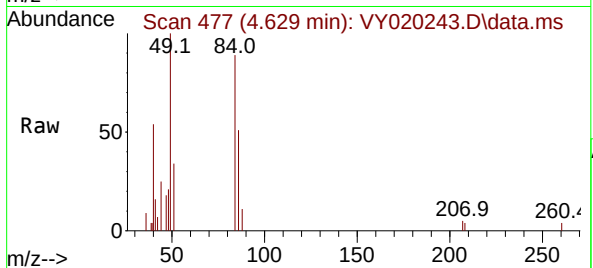
Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
58 38.5 31.7 47.5



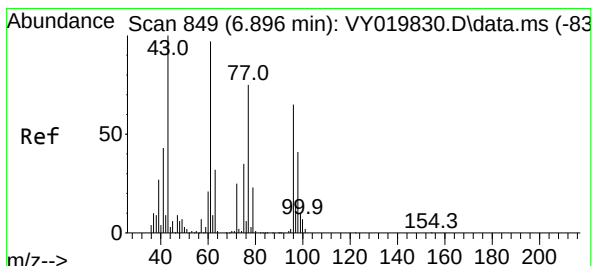
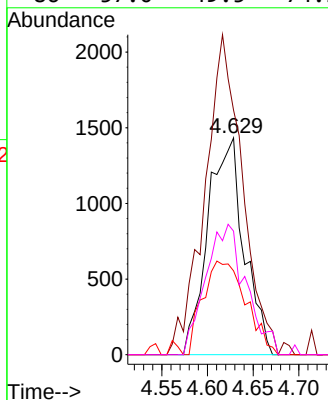
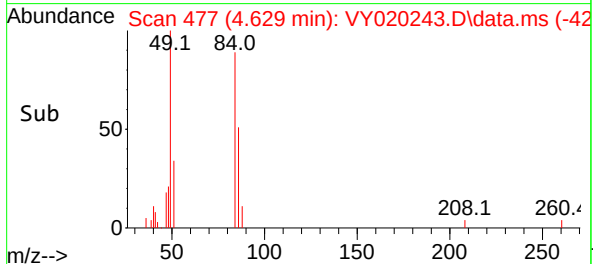


#20
Methylene Chloride
Concen: 1.559 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :

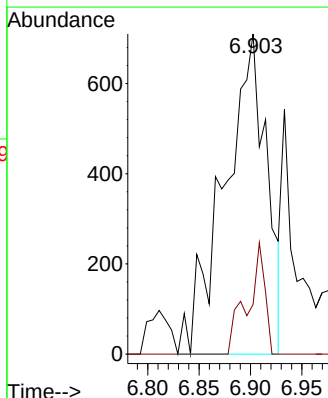
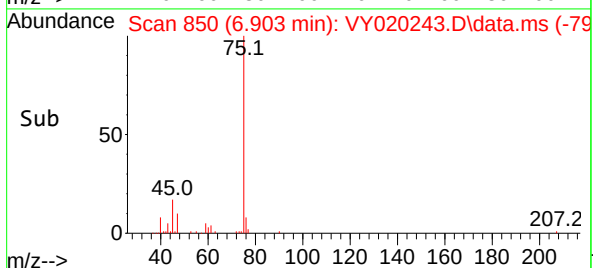
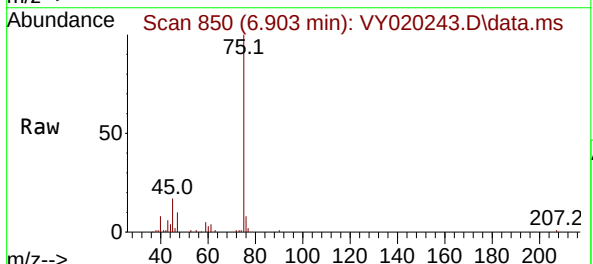


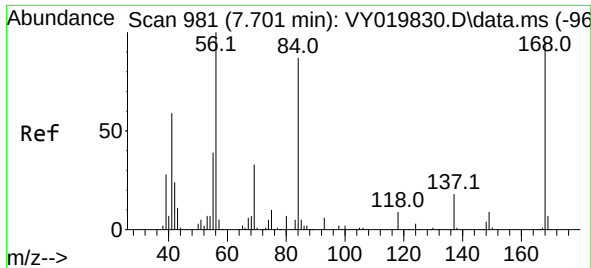
Tgt Ion:	84	Resp:	3958
Ion	Ratio	Lower	Upper
84	100		
49	112.8	84.4	126.6
51	38.7	26.0	39.0
86	57.0	49.5	74.3



#25
2-Butanone
Concen: 2.657 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion:	43	Resp:	2035
Ion	Ratio	Lower	Upper
43	100		
72	15.5	27.3	40.9#

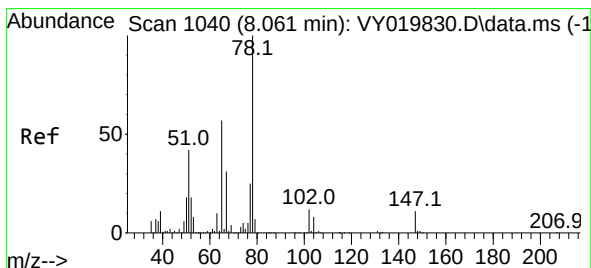
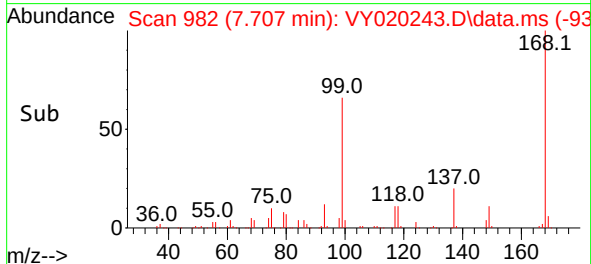
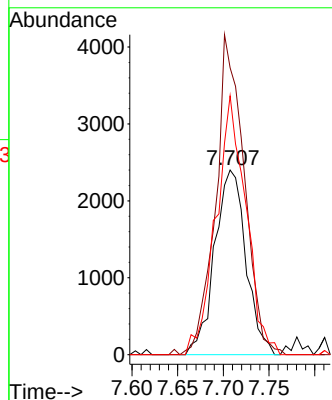
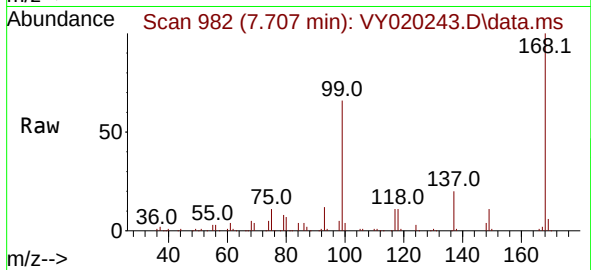




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

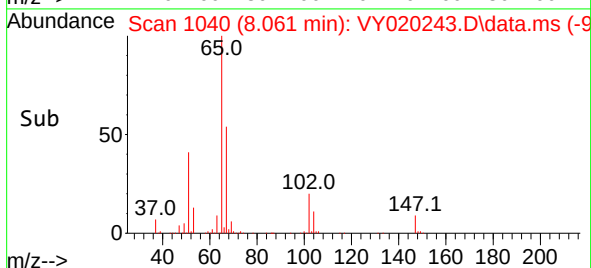
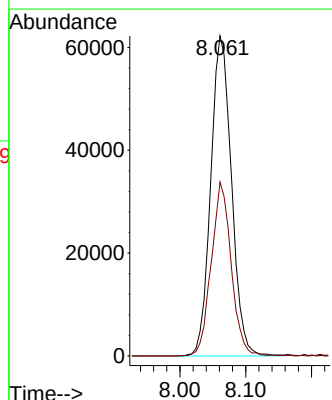
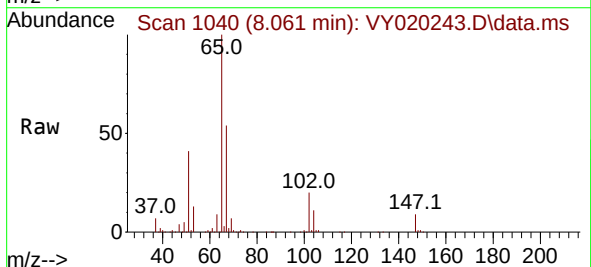
Instrument :
MSVOA_Y
ClientSampleId :

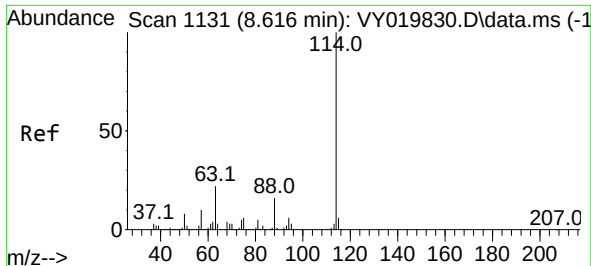
Tgt Ion: 56 Resp: 5709
Ion Ratio Lower Upper
56 100
69 155.4 28.7 43.1#
84 140.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 56.298 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 65 Resp: 136782
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020243.D

Acq: 11 Nov 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

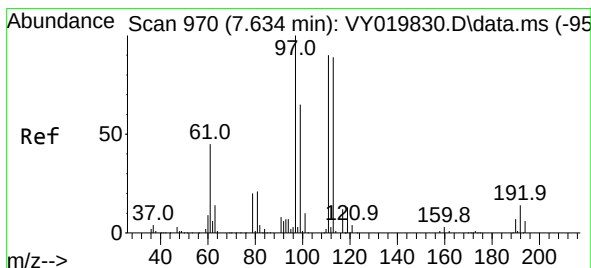
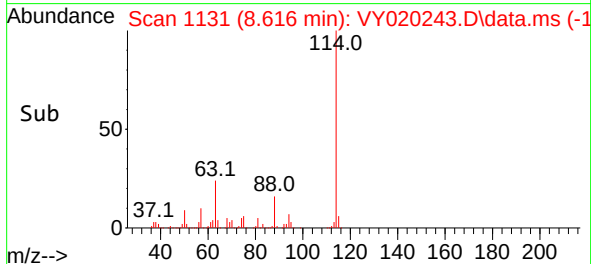
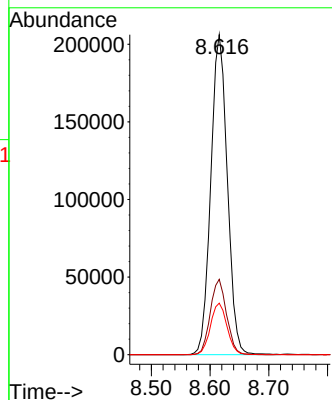
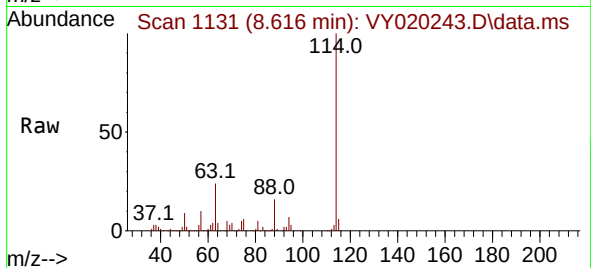
Tgt Ion:114 Resp: 402875

Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.348 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020243.D

Acq: 11 Nov 2024 13:15

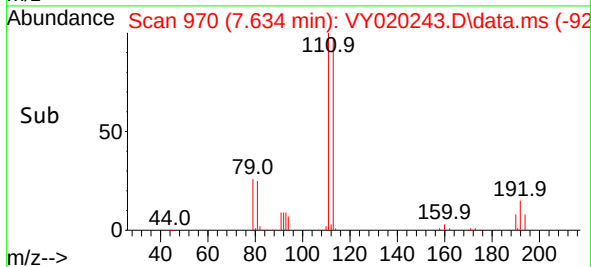
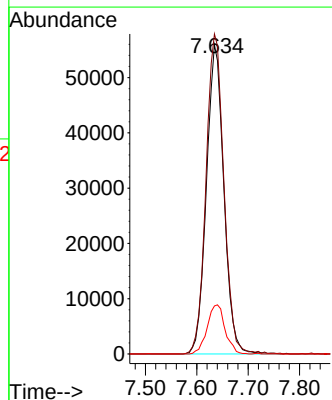
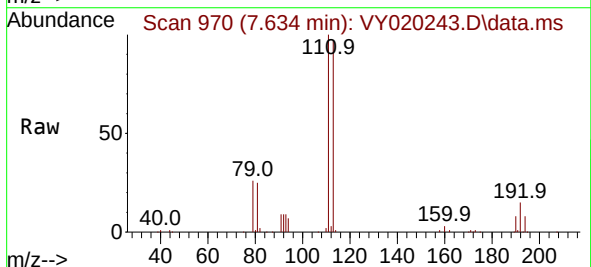
Tgt Ion:113 Resp: 131525

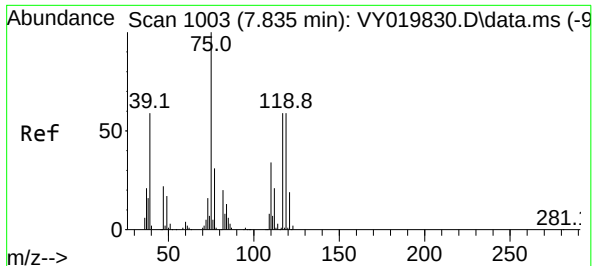
Ion Ratio Lower Upper

113 100

111 106.0 82.2 123.4

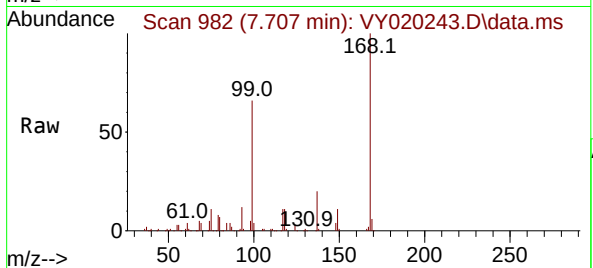
192 16.3 15.9 23.9



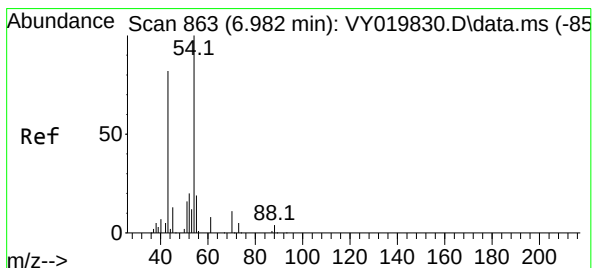
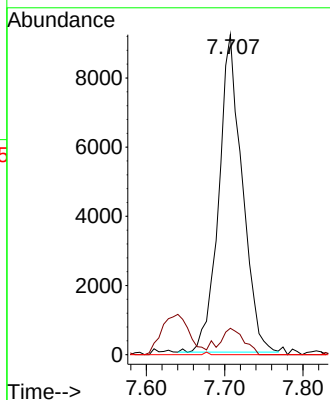
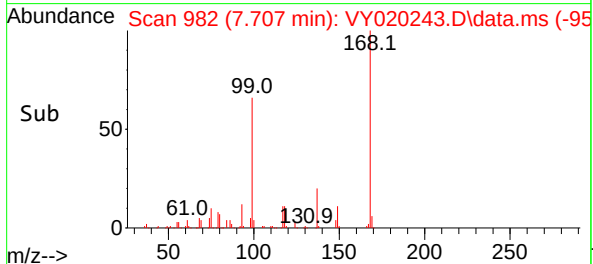


#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :

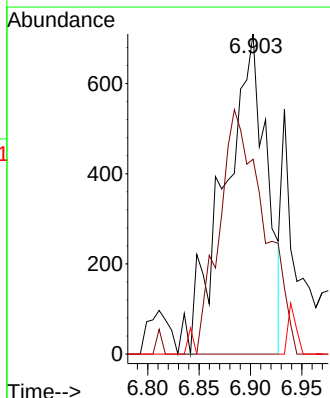
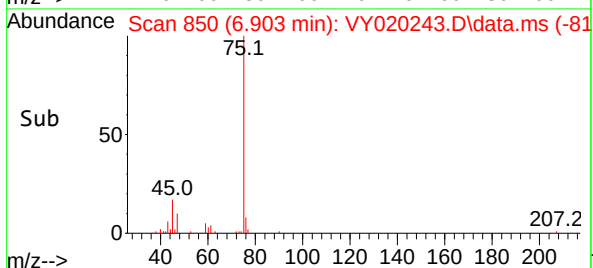
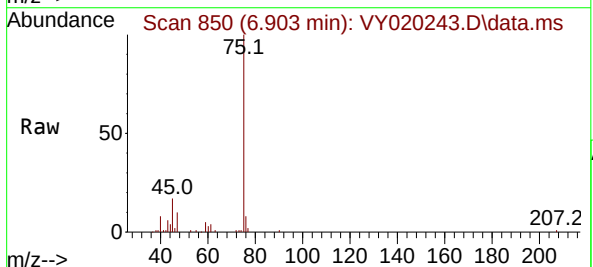


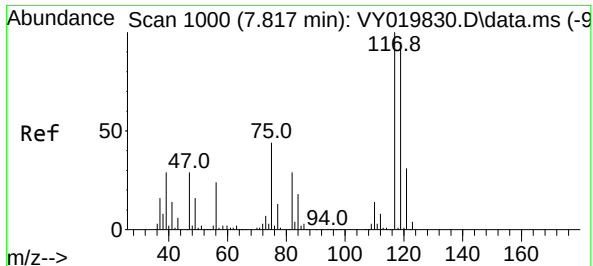
Tgt Ion: 75 Resp: 19099
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.079 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.079 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

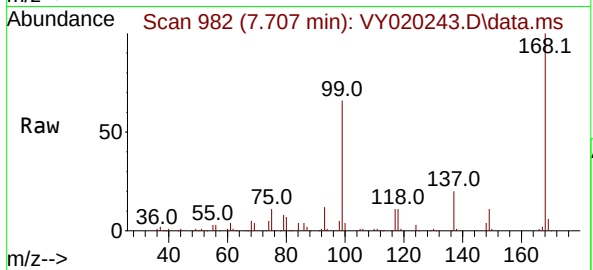
Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
61 80.7 12.6 19.0#
70 0.0 7.8 11.8#



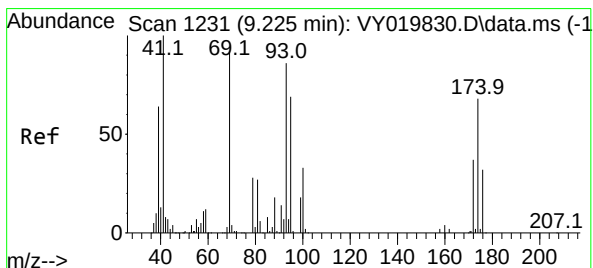
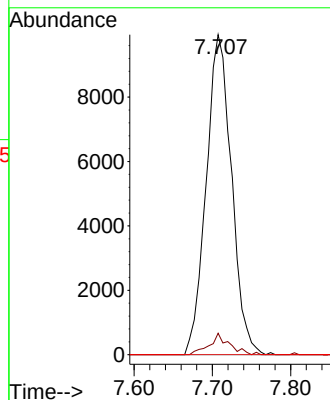
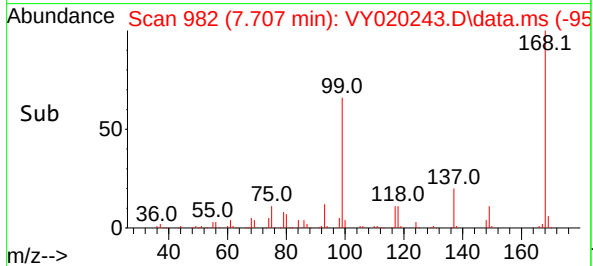


#38
Carbon Tetrachloride
Concen: 5.615 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :

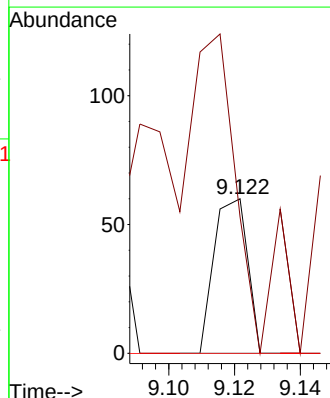
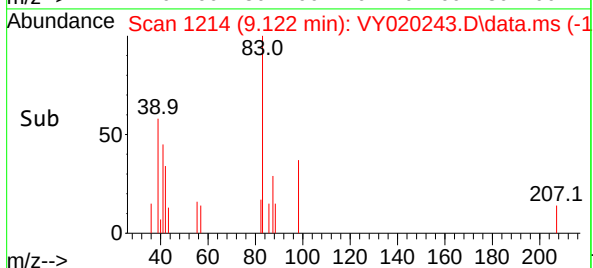
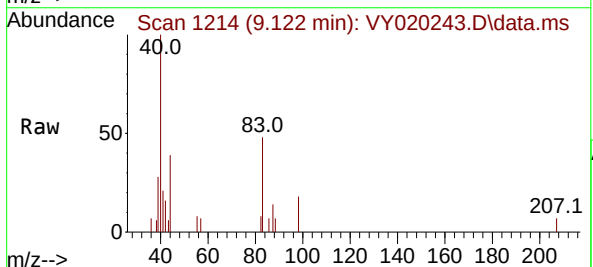


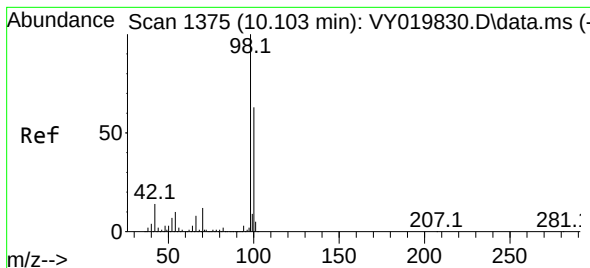
Tgt Ion:117 Resp: 22340
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.725 ug/l
RT: 9.122 min Scan# 1214
Delta R.T. -0.109 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 552.4 0.0 0.0#
58 0.0 49.3 73.9#

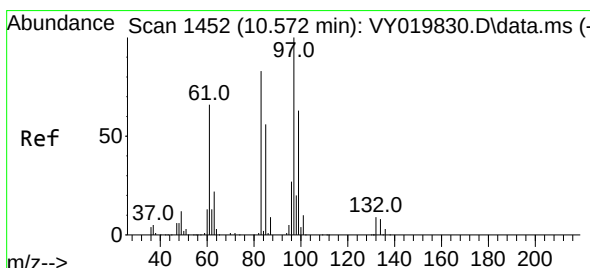
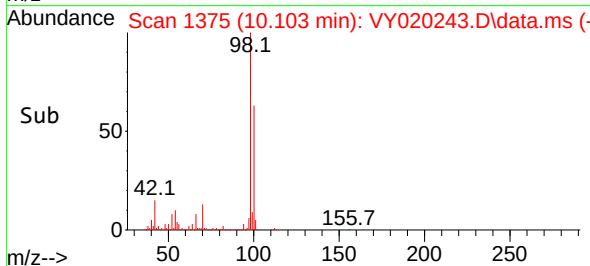
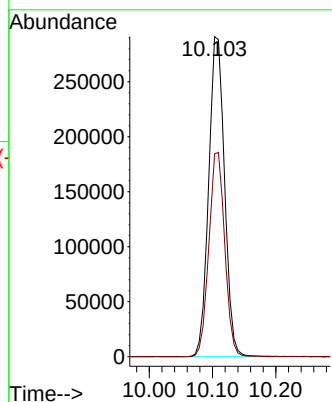
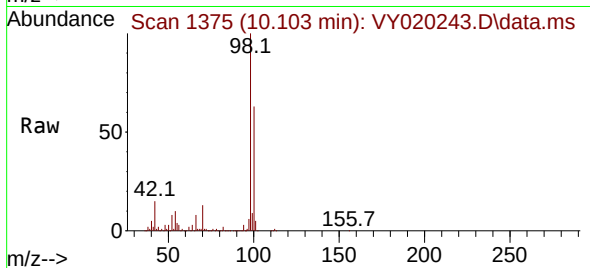




#50
Toluene-d8
Concen: 49.938 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

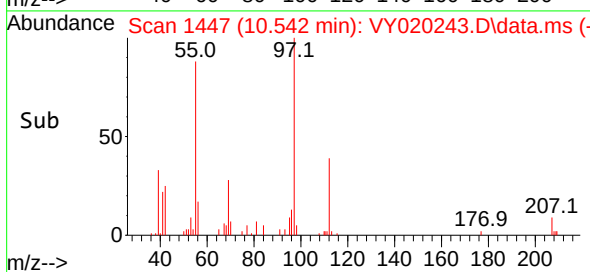
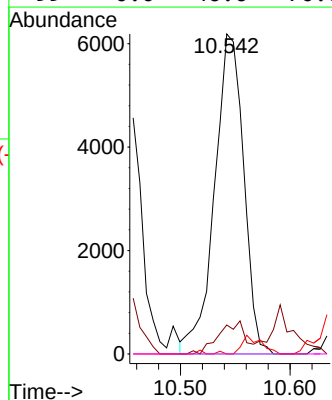
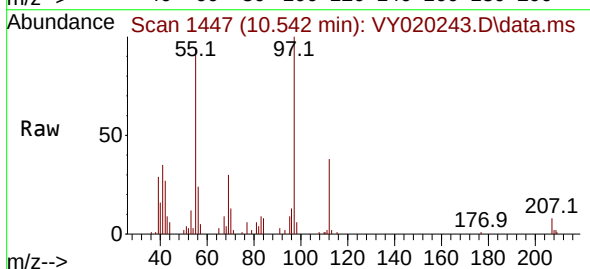
Instrument :
MSVOA_Y
ClientSampleId :

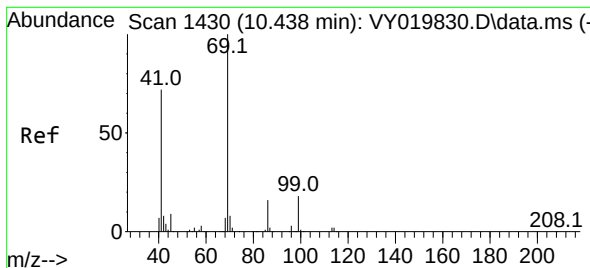
Tgt Ion: 98 Resp: 509159
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 6.117 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 97 Resp: 11388
Ion Ratio Lower Upper
97 100
83 9.0 67.5 101.3#
85 0.0 42.9 64.3#
99 0.0 46.6 70.0#

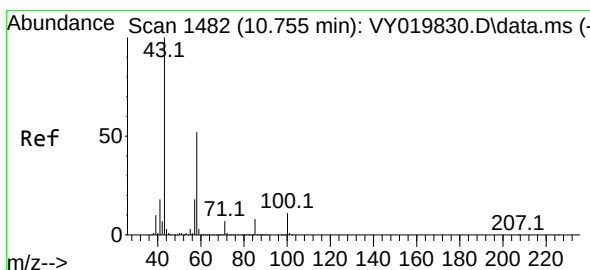
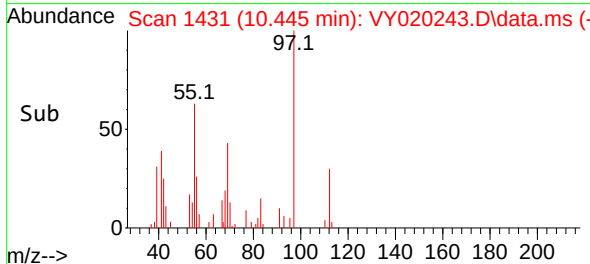
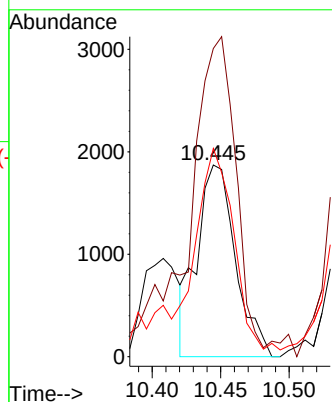
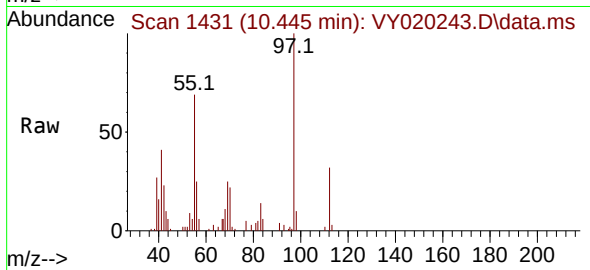




#56
Ethyl methacrylate
Concen: 1.370 ug/l
RT: 10.445 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

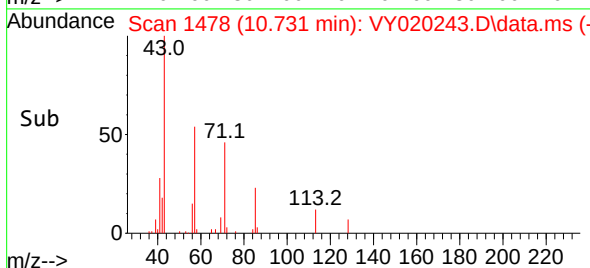
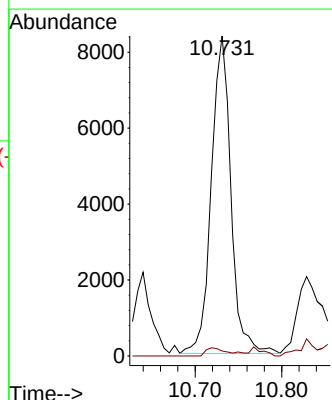
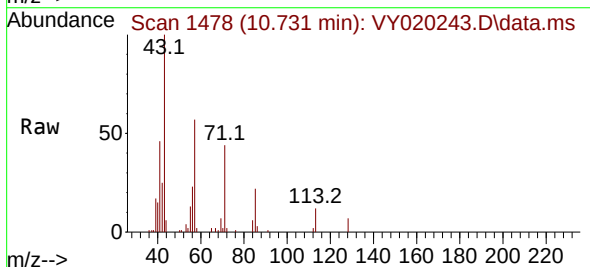
Instrument :
MSVOA_Y
ClientSampleId :

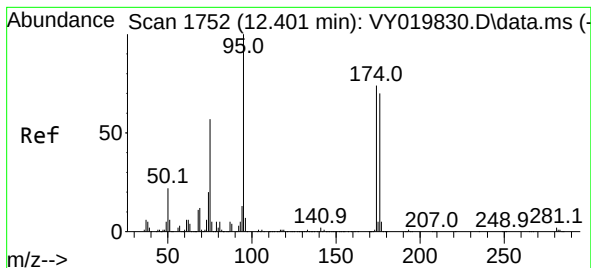
Tgt Ion:	69	Resp:	3658
Ion	Ratio	Lower	Upper
69	100		
41	208.9	42.3	63.5#
39	134.9	22.9	34.3#



#59
2-Hexanone
Concen: 9.816 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion:	43	Resp:	13155
Ion	Ratio	Lower	Upper
43	100		
58	2.4	31.4	94.0#

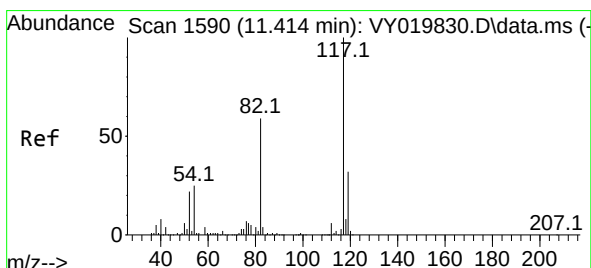
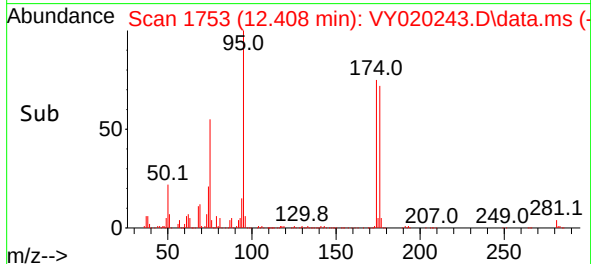
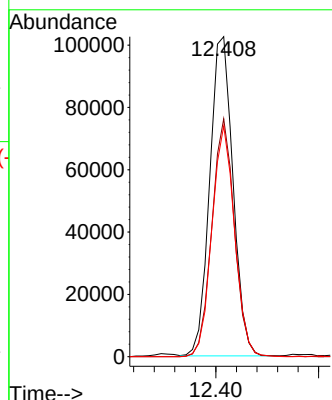
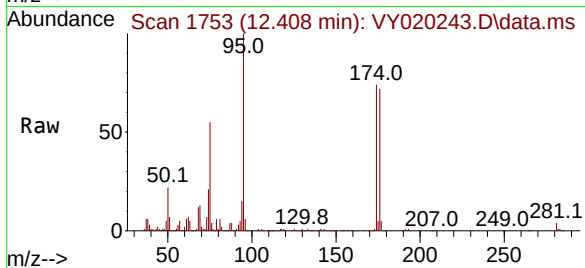




#62
4-Bromofluorobenzene
Concen: 48.478 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

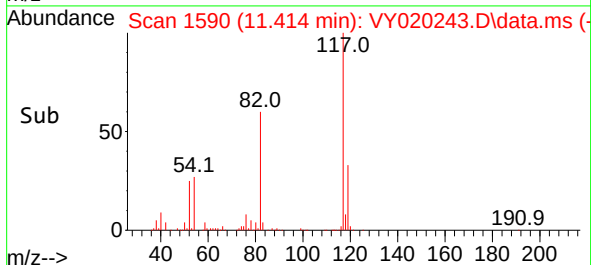
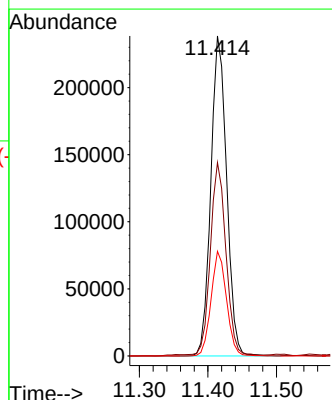
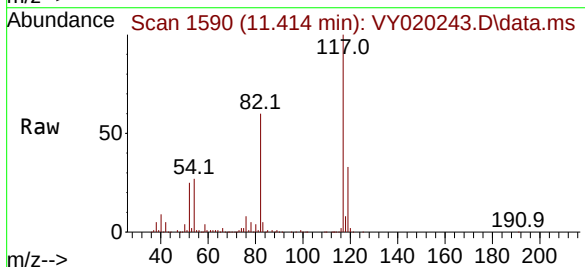
Instrument :
MSVOA_Y
ClientSampleId :

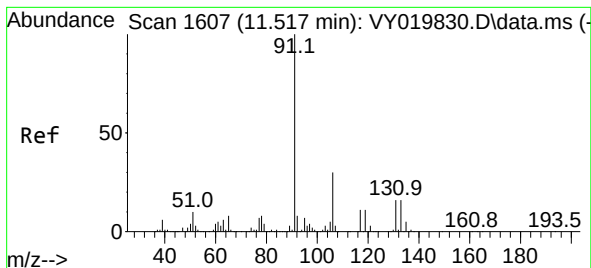
Tgt Ion: 95 Resp: 160547
Ion Ratio Lower Upper
95 100
174 72.3 0.0 175.6
176 70.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 117 Resp: 382441
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.7 25.9 38.9





#67

Ethyl Benzene

Concen: 8.887 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020243.D

Acq: 11 Nov 2024 13:15

Instrument :

MSVOA_Y

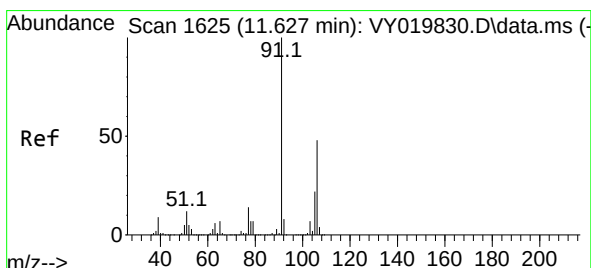
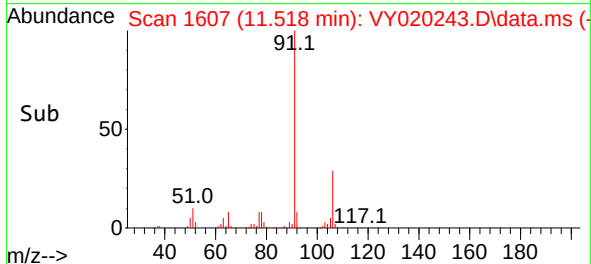
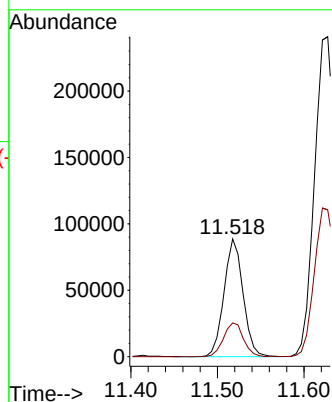
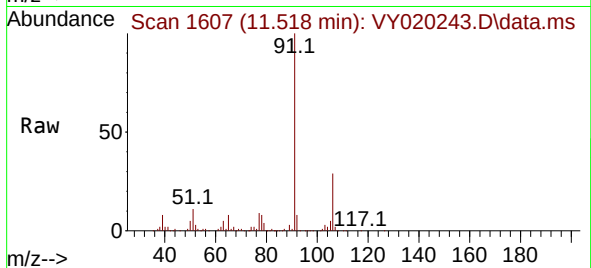
ClientSampleId :

Tgt Ion: 91 Resp: 135368

Ion Ratio Lower Upper

91 100

106 28.7 24.5 36.7



#68

m/p-Xylenes

Concen: 36.584 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY020243.D

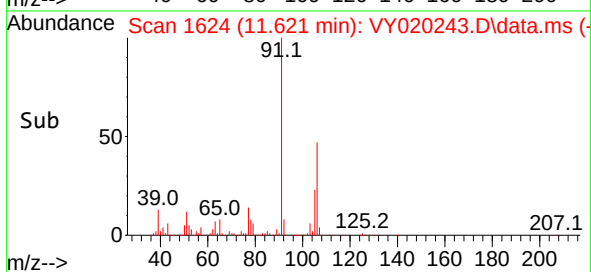
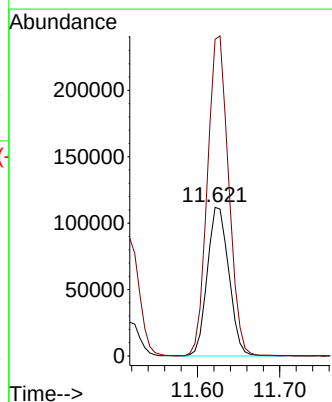
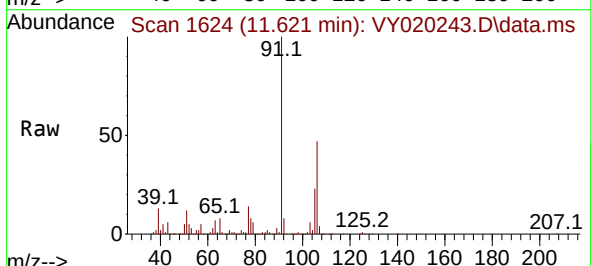
Acq: 11 Nov 2024 13:15

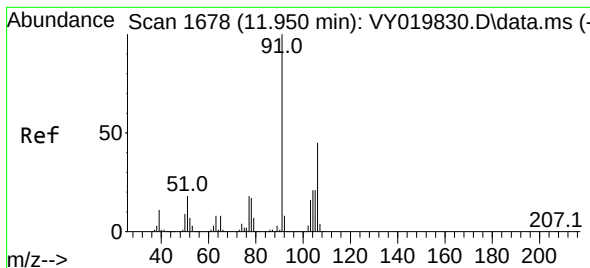
Tgt Ion:106 Resp: 203893

Ion Ratio Lower Upper

106 100

91 212.0 156.0 234.0





#69

o-Xylene

Concen: 11.227 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020243.D

Acq: 11 Nov 2024 13:15

Instrument :

MSVOA_Y

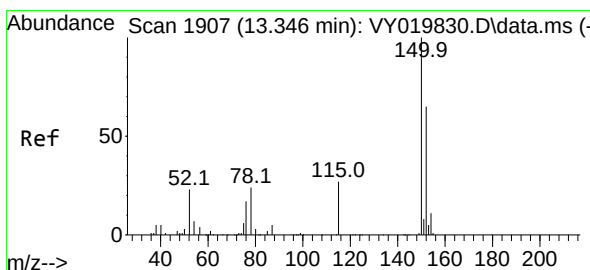
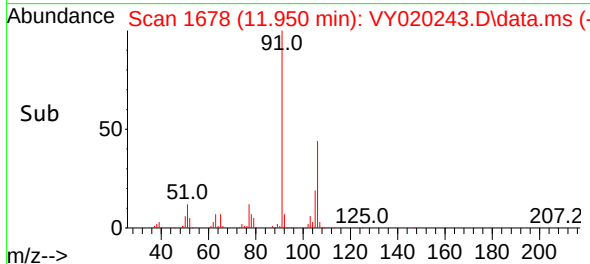
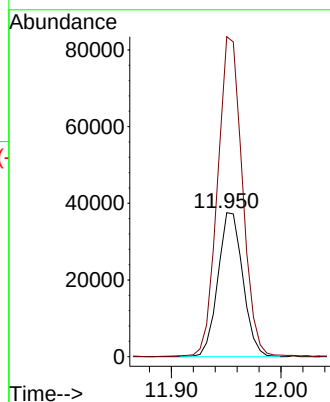
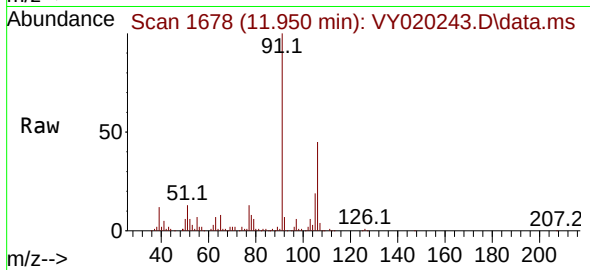
ClientSampleId :

Tgt Ion:106 Resp: 59241

Ion Ratio Lower Upper

106 100

91 223.3 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020243.D

Acq: 11 Nov 2024 13:15

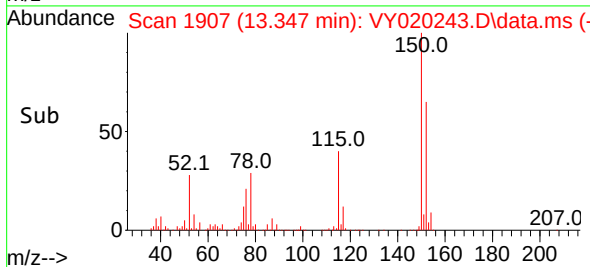
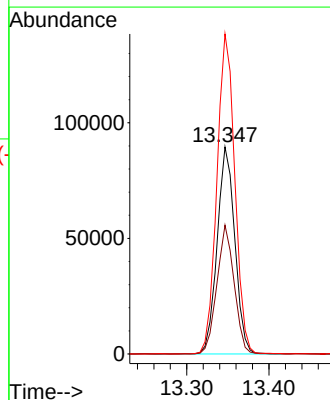
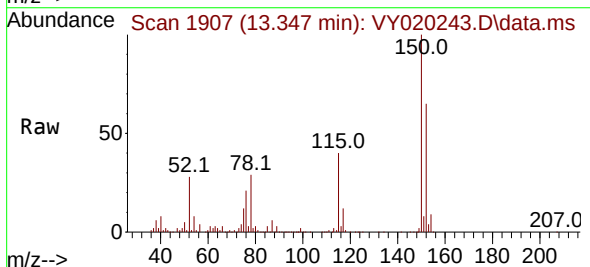
Tgt Ion:152 Resp: 133835

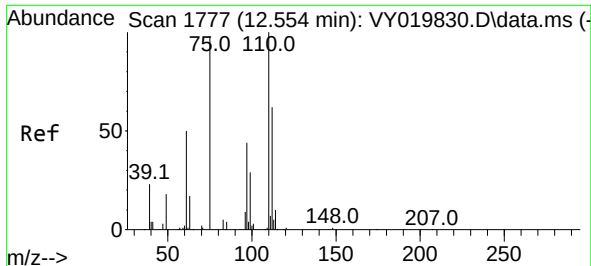
Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 156.6 0.0 345.6

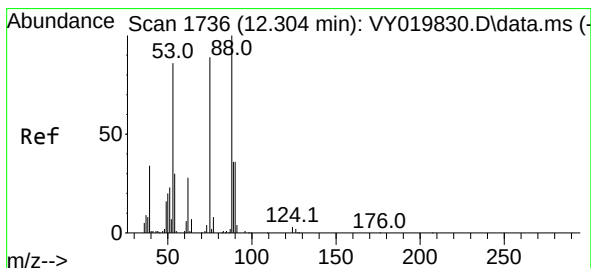
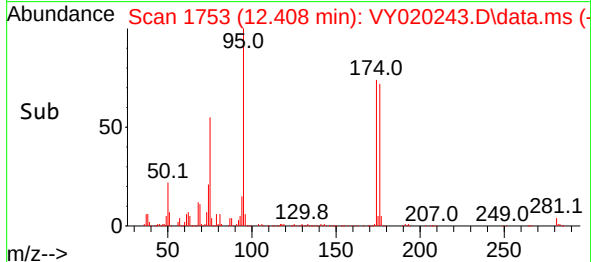
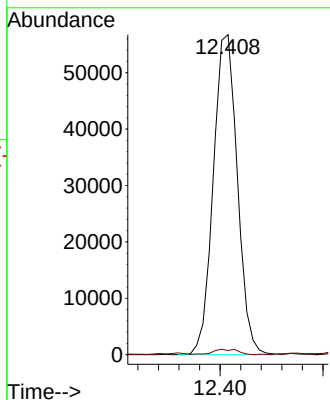
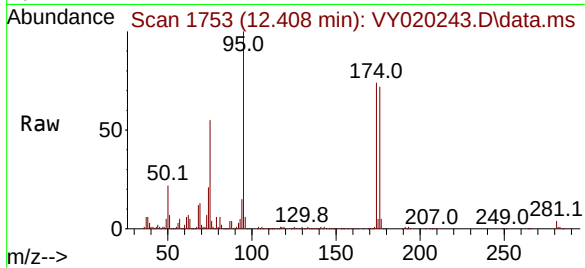




#76
1,2,3-Trichloropropane
Concen: 73.375 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 92053
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.826 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 75 Resp: 92053
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#

