

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018147.D
 Acq On : 03 May 2024 16:57
 Operator : SY/MD
 Sample : P2331-09
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 03:00:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1808	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	3919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1244	87.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.580%#	
35) Dibromofluoromethane	7.710	113	1191	52.883	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.760%	
50) Toluene-d8	10.179	98	4245	48.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	12.483	95	691	22.837	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 45.680%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.955	85	47	3.257	ug/l #	43
3) Chloromethane	2.107	50	321	17.023	ug/l #	48
4) Vinyl Chloride	2.223	62	401	19.655	ug/l #	42
5) Bromomethane	2.662	94	127	10.085	ug/l #	25
6) Chloroethane	2.759	64	220	17.315	ug/l #	42
7) Trichlorofluoromethane	3.217	101	42	1.546	ug/l #	20
8) Diethyl Ether	3.625	74	45	5.160	ug/l #	8
10) Methyl Iodide	4.101	142	157	6.988	ug/l #	42
11) Tert butyl alcohol	4.997	59	48	41.326	ug/l #	1
12) 1,1-Dichloroethene	3.826	96	42	2.430	ug/l #	1
13) Acrolein	3.716	56	28	16.196	ug/l #	37
14) Allyl chloride	4.479	41	40	1.750	ug/l #	1
15) Acrylonitrile	5.131	53	43	13.126	ug/l #	18
16) Acetone	3.960	43	210	77.350	ug/l #	36
17) Carbon Disulfide	4.198	76	56	1.085	ug/l #	76
18) Methyl Acetate	4.466	43	156	22.436	ug/l #	46
19) Methyl tert-butyl Ether	5.155	73	50	1.261	ug/l #	54
20) Methylene Chloride	4.710	84	172	9.041	ug/l #	32
21) trans-1,2-Dichloroethene	5.253	96	86	4.680	ug/l #	1
23) Vinyl Acetate	6.088	43	84	2.814	ug/l #	67
25) 2-Butanone	6.990	43	467	110.567	ug/l #	41
26) 2,2-Dichloropropane	6.996	77	52	1.956	ug/l #	75
27) cis-1,2-Dichloroethene	6.996	96	66	3.012	ug/l #	1
28) Bromochloromethane	7.313	49	61	5.311	ug/l #	6
29) Tetrahydrofuran	7.356	42	260	96.830	ug/l #	39
30) Chloroform	7.673	83	59	1.962	ug/l	97
31) Cyclohexane	7.777	56	126	4.614	ug/l #	1
32) 1,1,1-Trichloroethane	7.454	97	49	1.785	ug/l #	25
37) Ethyl Acetate	7.051	43	184	14.065	ug/l #	44
41) Methacrylonitrile	7.332	41	72	9.332	ug/l #	1
43) Isopropyl Acetate	8.264	43	54	1.965	ug/l #	47
45) 1,2-Dichloropropane	9.240	63	63	2.989	ug/l #	43
46) Dibromomethane	9.301	93	28	2.185	ug/l #	3
47) Bromodichloromethane	9.526	83	58	1.844	ug/l #	26
48) Methyl methacrylate	9.270	41	236	18.758	ug/l #	30
49) 1,4-Dioxane	9.155	88	60	422.030	ug/l #	83

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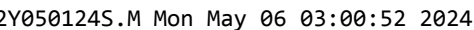
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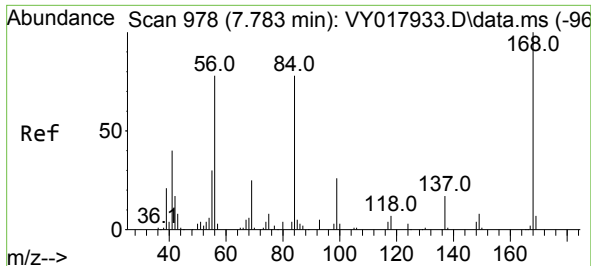
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	10.051	43	193	14.377	ug/l #	31
54) cis-1,3-Dichloropropene	9.910	75	60	1.680	ug/l #	40
55) 1,1,2-Trichloroethane	10.666	97	22	1.276	ug/l #	16
57) 1,3-Dichloropropane	10.746	76	32	1.162	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.813	63	53	4.659	ug/l #	45
59) 2-Hexanone	10.654	43	67	6.993	ug/l	88
61) 1,2-Dibromoethane	10.904	107	20	1.211	ug/l #	2
68) m/p-Xylenes	11.867	106	61	1.509	ug/l #	15
71) Bromoform	12.447	173	22	1.855	ug/l #	27
73) Isopropylbenzene	12.325	105	62	2.466	ug/l #	48
74) N-amyl acetate	12.136	43	157	28.456	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.569	83	47	11.750	ug/l #	26
76) 1,2,3-Trichloropropane	12.739	75	56	19.978	ug/l #	100
77) Bromobenzene	12.349	156	40	6.697	ug/l #	19
78) n-propylbenzene	12.666	91	45	1.555	ug/l #	53
79) 2-Chlorotoluene	12.666	91	45	2.737	ug/l	74
80) 1,3,5-Trimethylbenzene	12.703	105	81	3.998	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.489	75	318	206.672	ug/l #	24
82) 4-Chlorotoluene	12.666	91	45	2.671	ug/l	73
83) tert-Butylbenzene	13.117	119	54	2.911	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.196	105	44	2.217	ug/l #	30
85) sec-Butylbenzene	13.196	105	44	1.653	ug/l #	56
86) p-Isopropyltoluene	13.355	119	86	3.877	ug/l #	51
89) n-Butylbenzene	13.715	91	60	3.056	ug/l #	33
90) Hexachloroethane	14.062	117	24	5.325	ug/l #	12
91) 1,2-Dichlorobenzene	13.971	146	63	6.329	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.337	75	25	41.433	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.818	180	44	7.908	ug/l #	12
95) Naphthalene	15.245	128	126	12.300	ug/l #	69

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

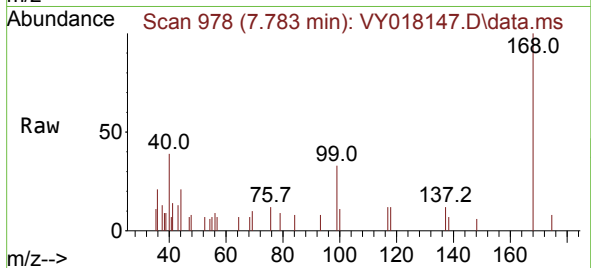
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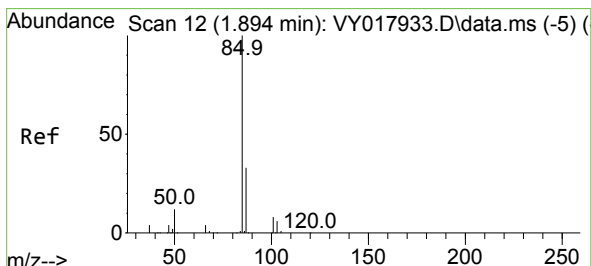
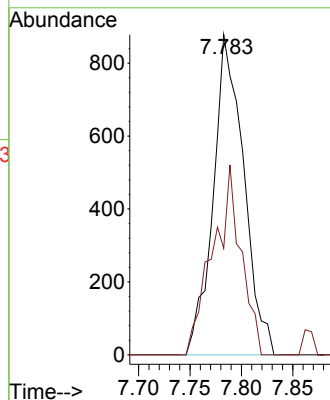
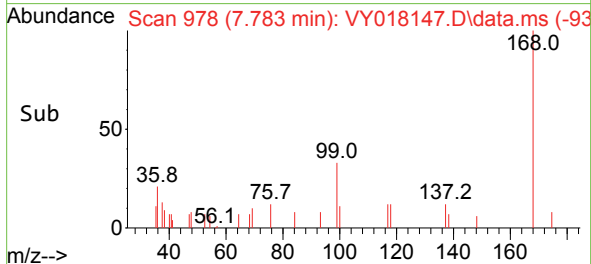


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Instrument :
MSVOA_Y
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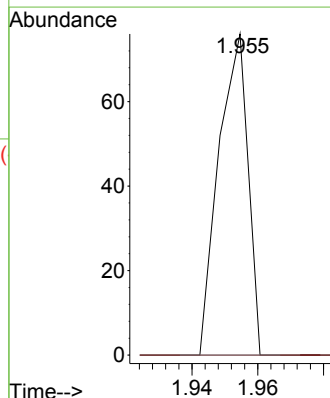
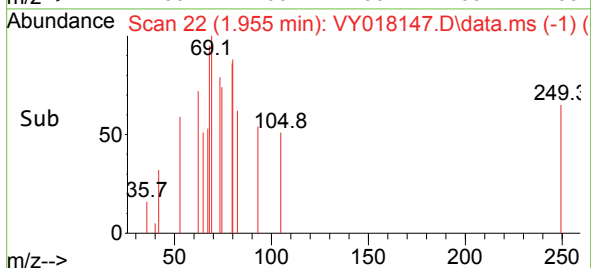
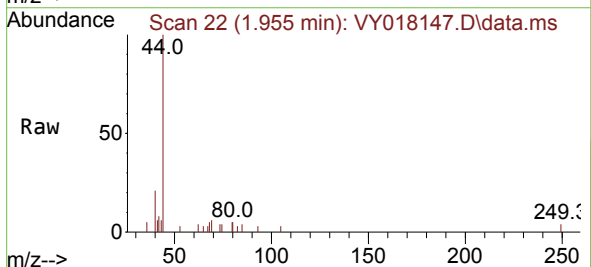


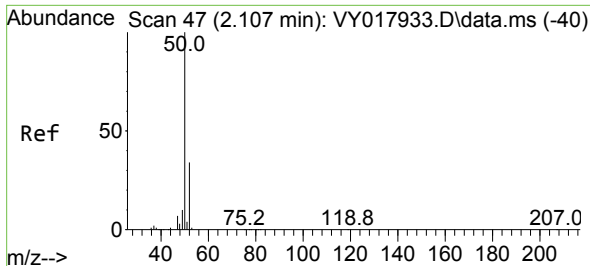
Tgt Ion:168 Resp: 1808
Ion Ratio Lower Upper
168 100
99 33.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 3.257 ug/l
RT: 1.955 min Scan# 22
Delta R.T. 0.055 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 85 Resp: 47
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

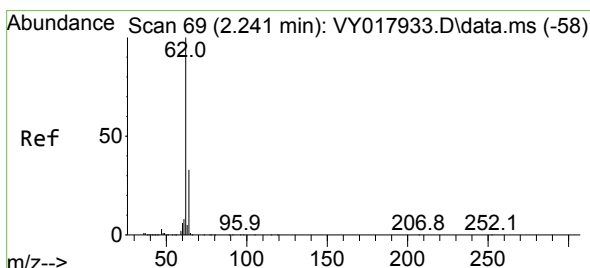
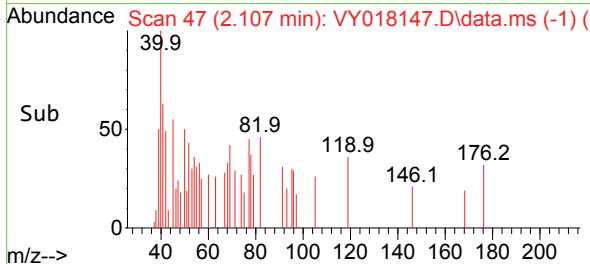
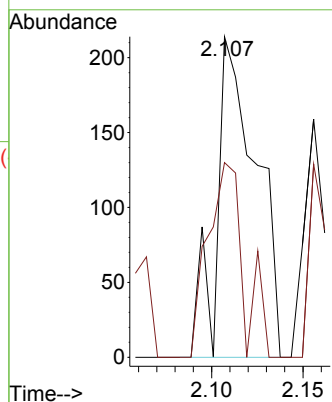
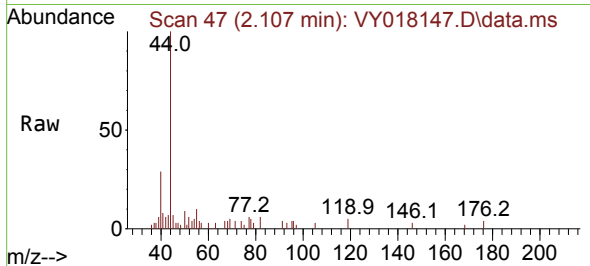




#3
Chloromethane
Concen: 17.023 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

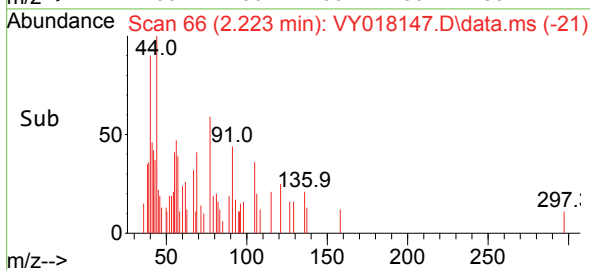
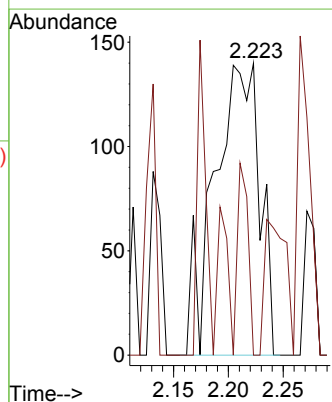
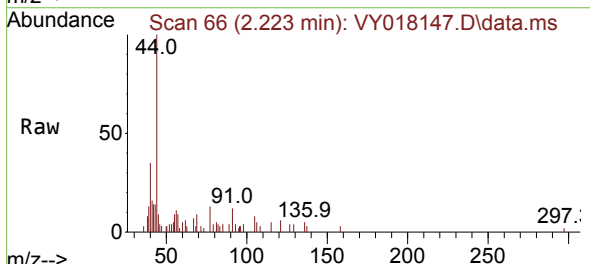
Instrument :
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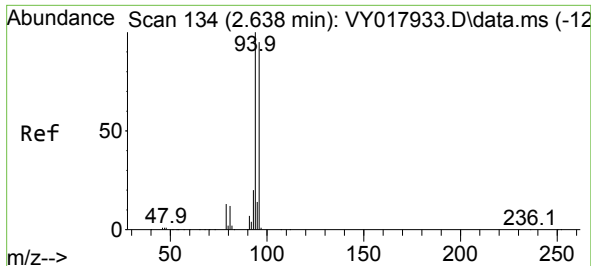
Tgt Ion: 50 Resp: 321
Ion Ratio Lower Upper
50 100
52 60.7 25.6 38.4#



#4
Vinyl Chloride
Concen: 19.655 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.024 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 62 Resp: 401
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#5

Bromomethane

Concen: 10.085 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

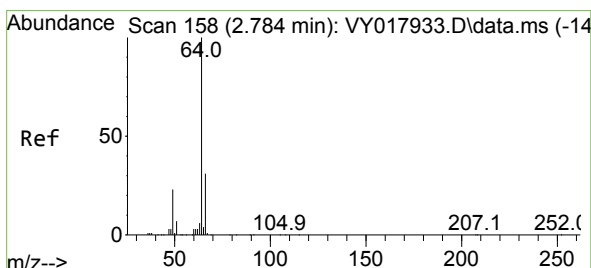
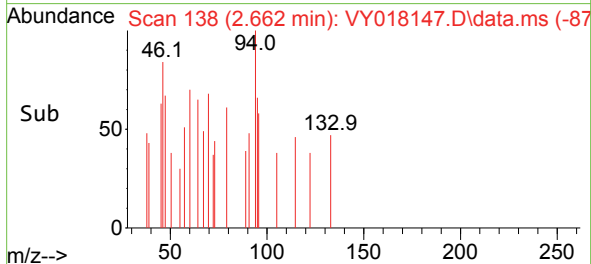
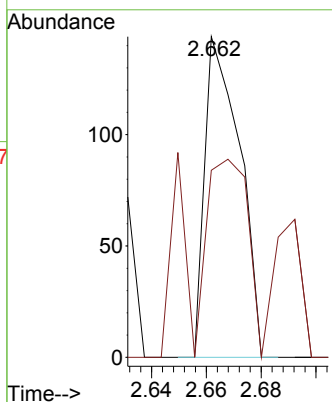
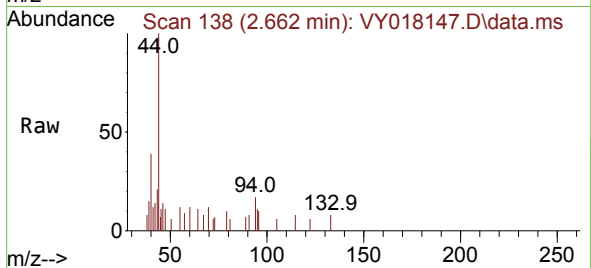
ClientSampleId :

Tgt Ion: 94 Resp: 127

Ion Ratio Lower Upper

94 100

96 20.8 74.1 111.1#



#6

Chloroethane

Concen: 17.315 ug/l

RT: 2.759 min Scan# 154

Delta R.T. -0.031 min

Lab File: VY018147.D

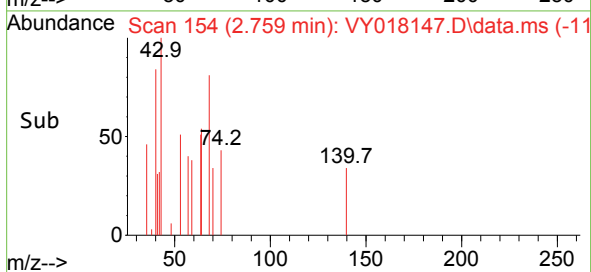
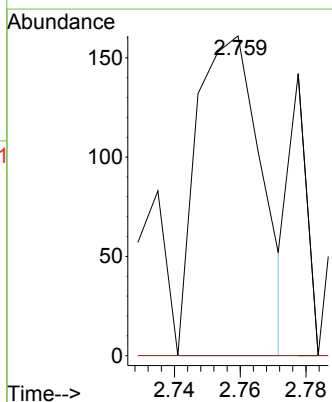
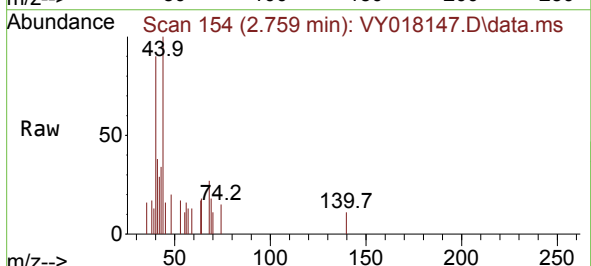
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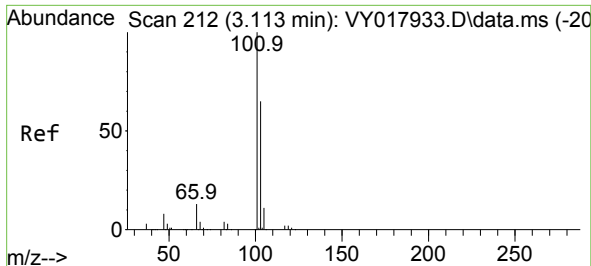
Tgt Ion: 64 Resp: 220

Ion Ratio Lower Upper

64 100

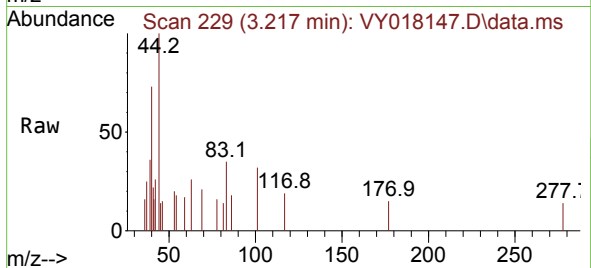
66 0.0 26.1 39.1#



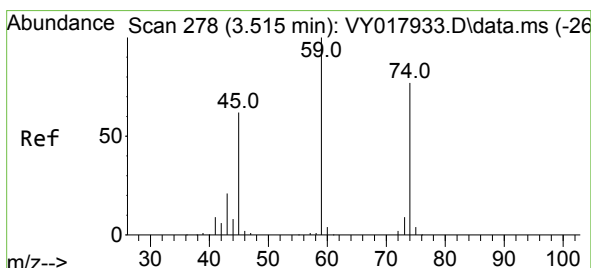
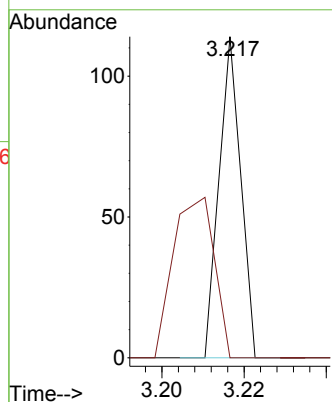
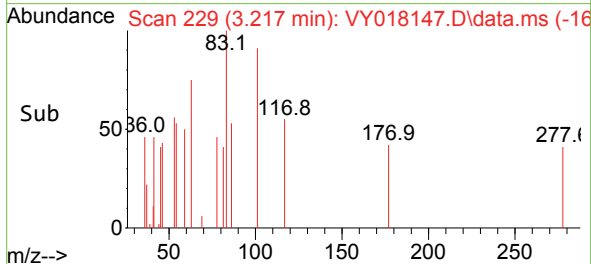


#7
Trichlorofluoromethane
Concen: 1.546 ug/l
RT: 3.217 min Scan# 212
Delta R.T. 0.092 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

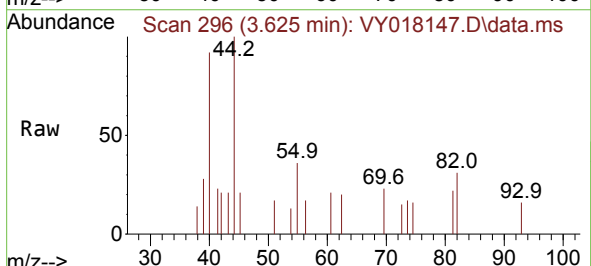
Instrument :
MSVOA_Y
ClientSampleId :



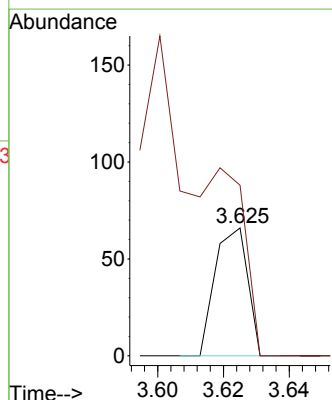
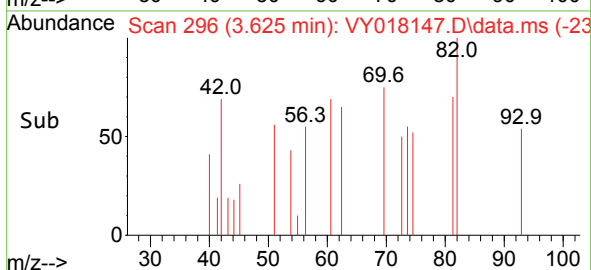
Tgt Ion:101 Resp: 42
Ion Ratio Lower Upper
101 100
103 0.0 49.3 73.9#

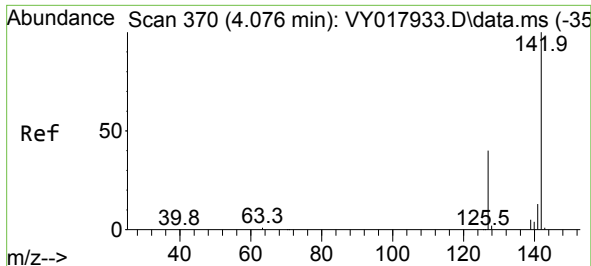


#8
Diethyl Ether
Concen: 5.160 ug/l
RT: 3.625 min Scan# 296
Delta R.T. 0.098 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57



Tgt Ion: 74 Resp: 45
Ion Ratio Lower Upper
74 100
45 0.0 41.3 124.1#

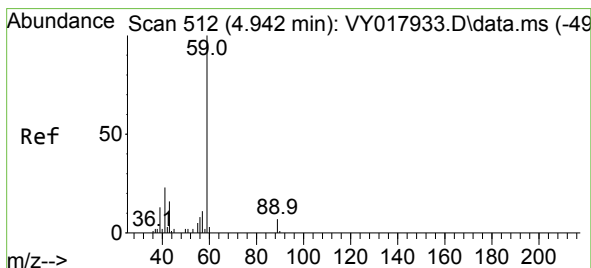
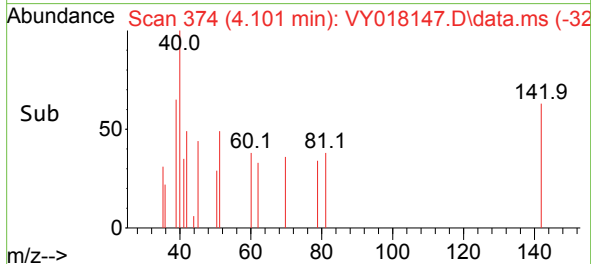
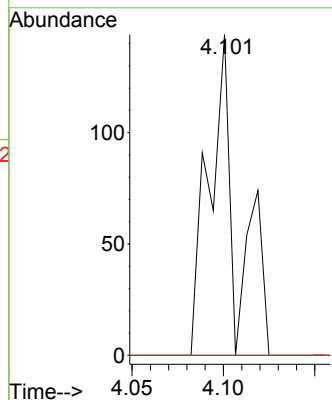
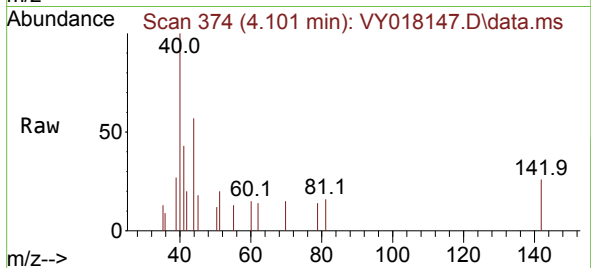




#10
Methyl Iodide
Concen: 6.988 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

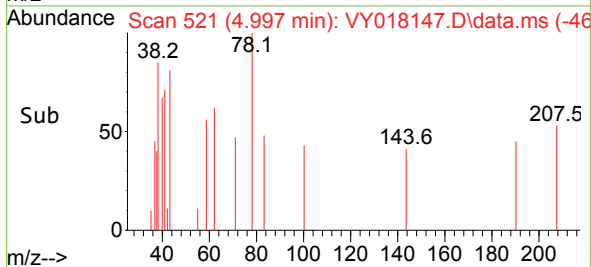
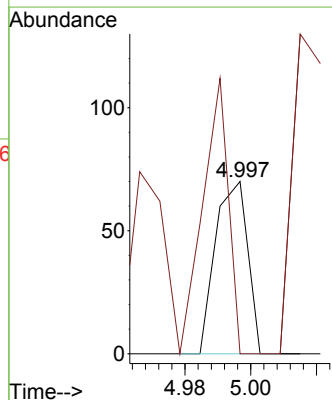
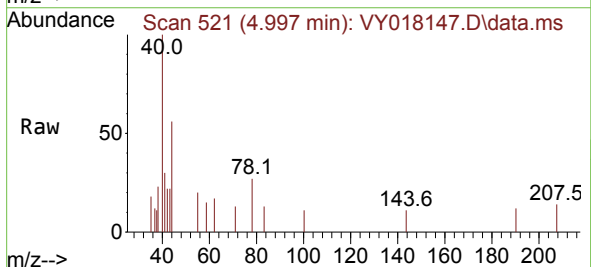
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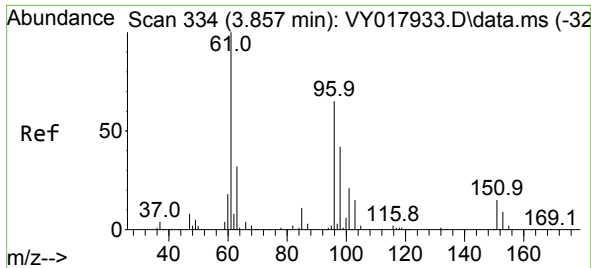
Tgt Ion:142 Resp: 157
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 41.326 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.043 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

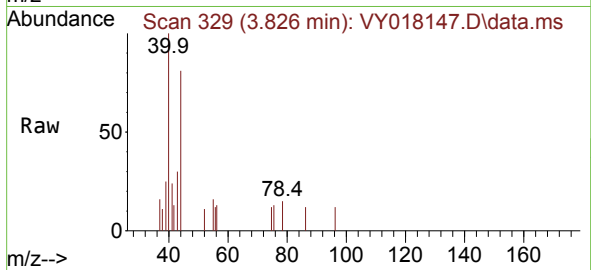
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Ion Ratio Lower Upper
59 100
57 125.0 3.0 4.6#



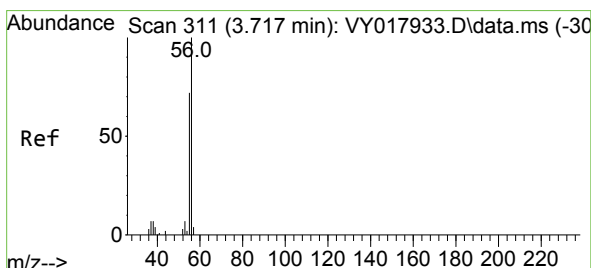
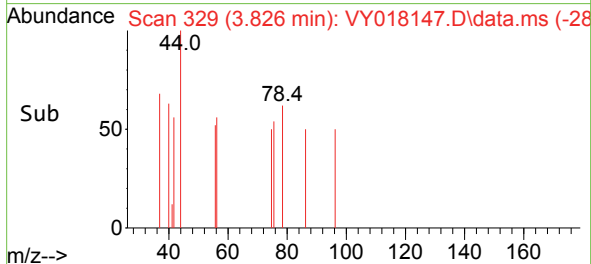
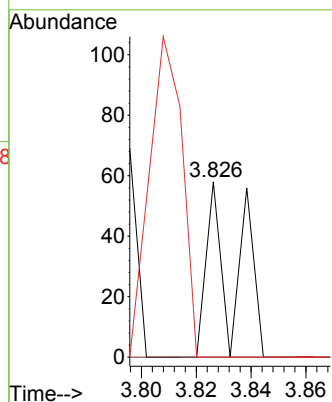


#12
 1,1-Dichloroethene
 Concen: 2.430 ug/l
 RT: 3.826 min Scan# 311
 Delta R.T. -0.049 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

Instrument :
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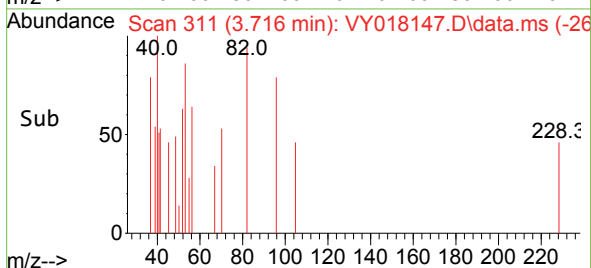
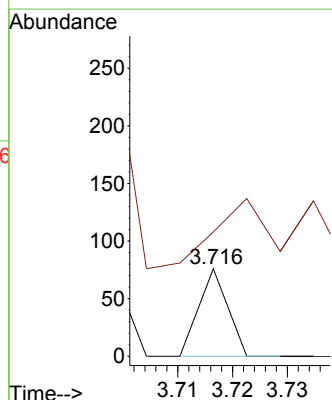
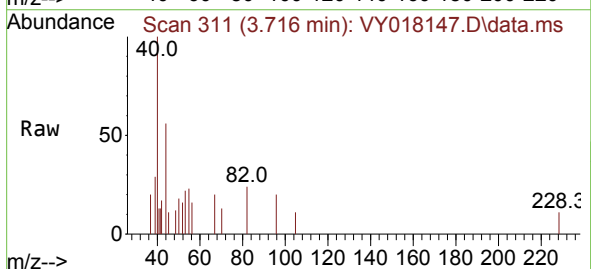


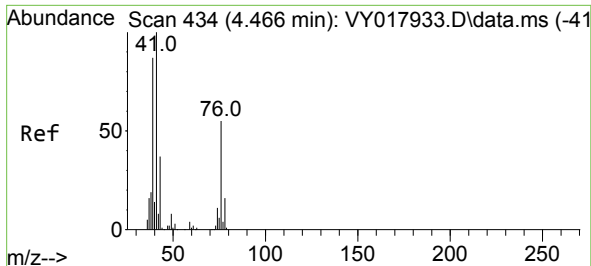
Tgt Ion: 96 Resp: 42
 Ion Ratio Lower Upper
 96 100
 61 0.0 114.6 171.8#
 98 0.0 50.8 76.2#



#13
 Acrolein
 Concen: 16.196 ug/l
 RT: 3.716 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

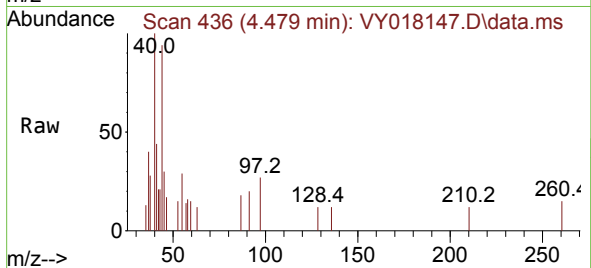
Tgt Ion: 56 Resp: 28
 Ion Ratio Lower Upper
 56 100
 55 121.4 55.7 83.5#



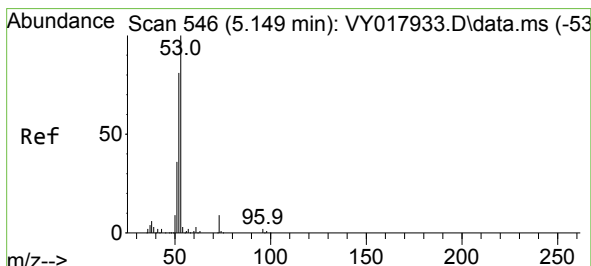
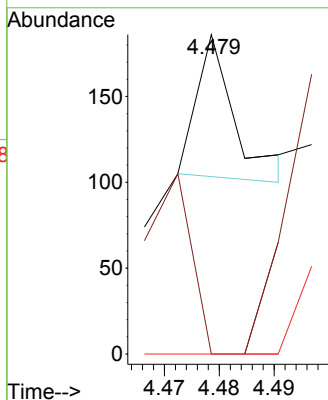
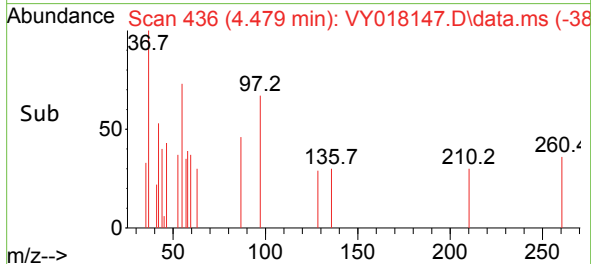


#14
 Allyl chloride
 Concen: 1.750 ug/l
 RT: 4.479 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

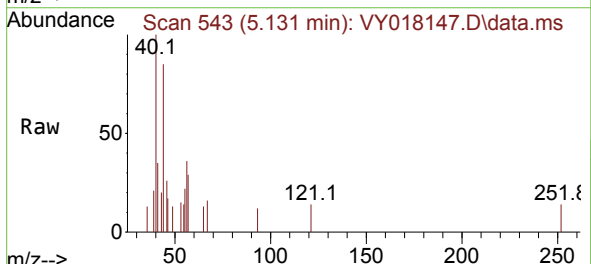
Instrument :
 MSVOA_Y
 ClientSampleId :



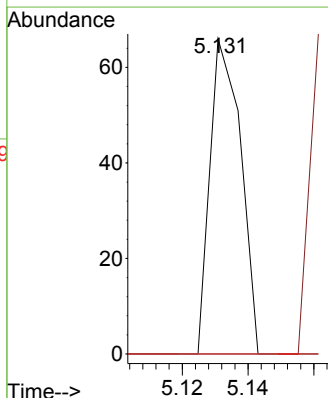
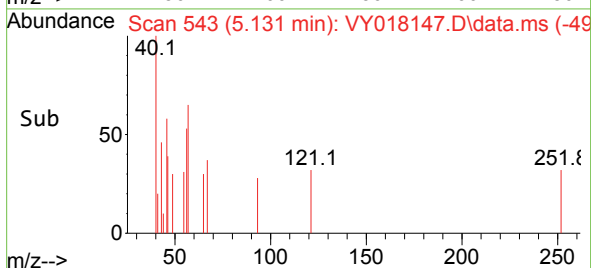
Tgt Ion: 41 Resp: 40
 Ion Ratio Lower Upper
 41 100
 39 582.5 58.3 87.5#
 76 0.0 39.0 58.6#

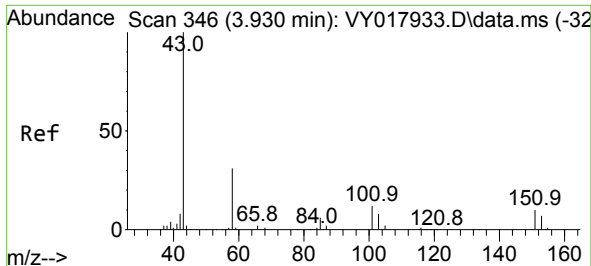


#15
 Acrylonitrile
 Concen: 13.126 ug/l
 RT: 5.131 min Scan# 543
 Delta R.T. -0.030 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57



Tgt Ion: 53 Resp: 43
 Ion Ratio Lower Upper
 53 100
 52 0.0 64.7 97.1#
 51 0.0 28.4 42.6#

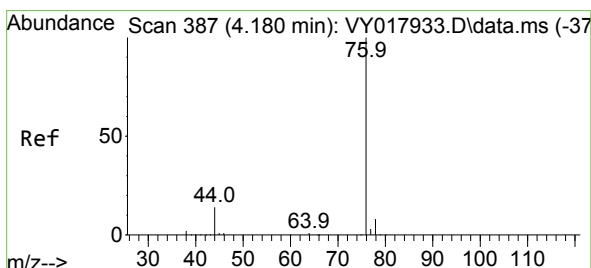
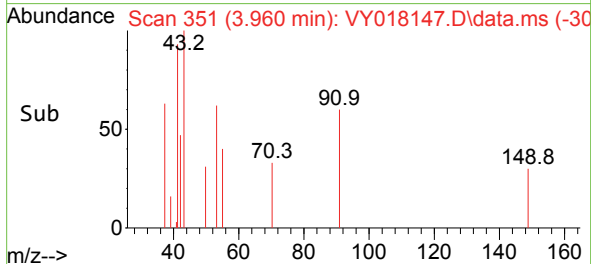
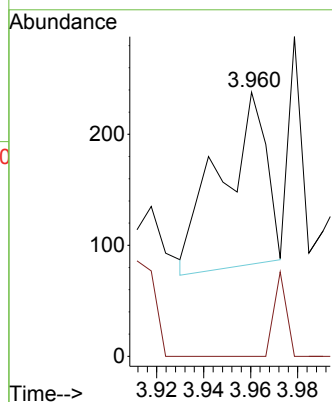
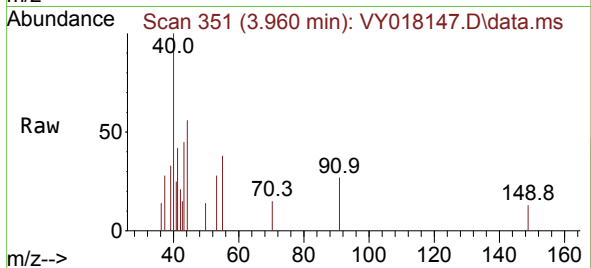




#16
Acetone
Concen: 77.350 ug/l
RT: 3.960 min Scan# 310
Delta R.T. 0.012 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

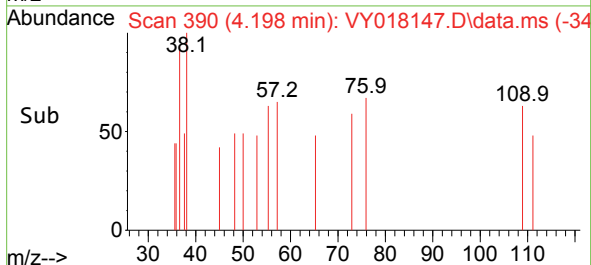
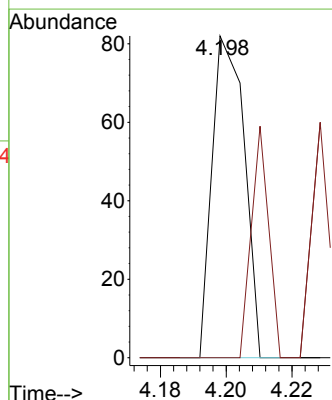
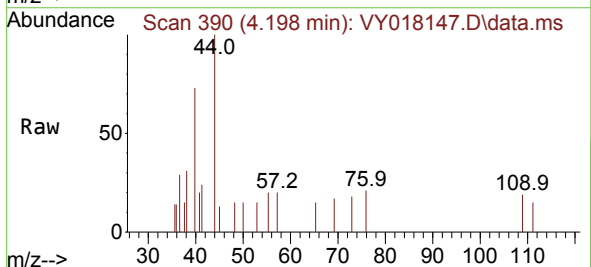
Instrument :
MSVOA_Y
ClientSampleId :

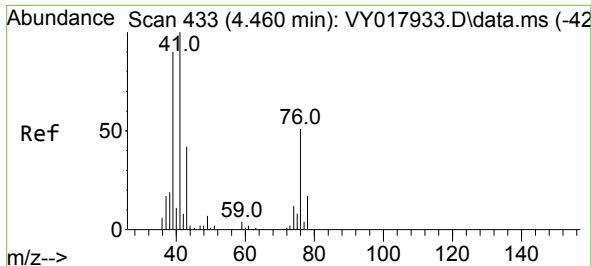
Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#17
Carbon Disulfide
Concen: 1.085 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

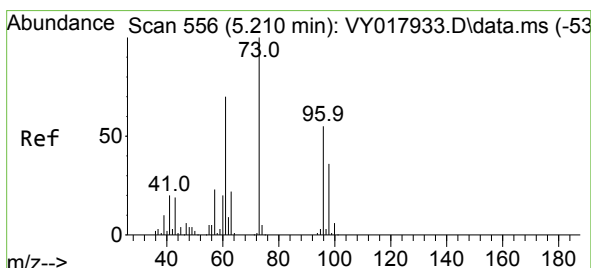
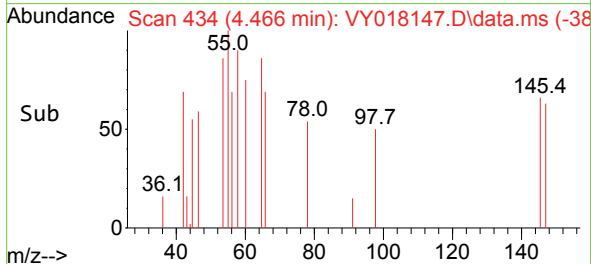
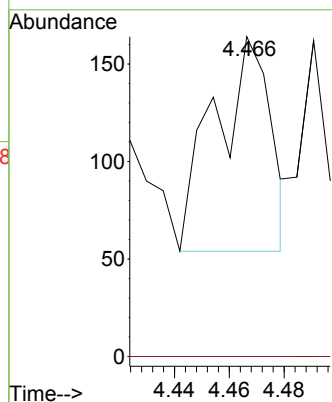
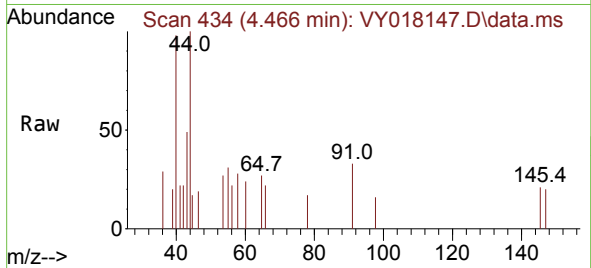




#18
Methyl Acetate
Concen: 22.436 ug/l
RT: 4.466 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

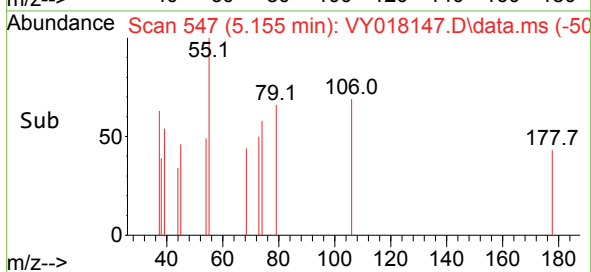
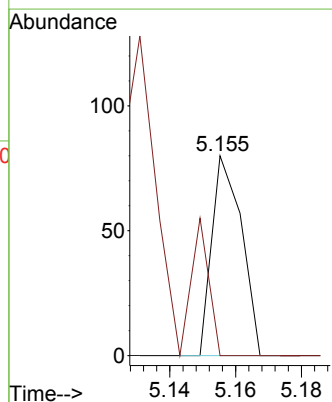
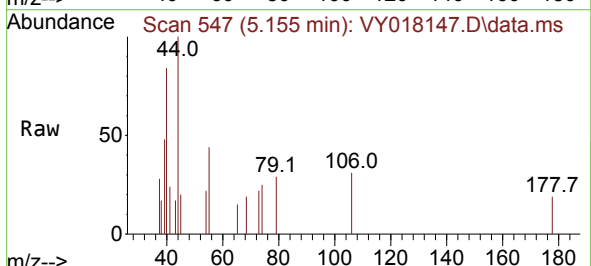
Instrument :
MSVOA_Y
ClientSampleId :

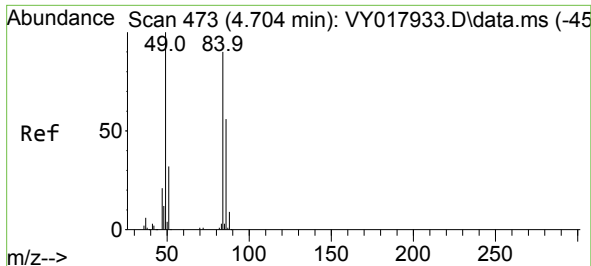
Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#19
Methyl tert-butyl Ether
Concen: 1.261 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.067 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

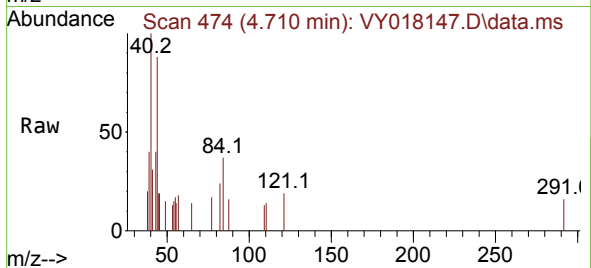
Tgt Ion: 73 Resp: 50
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



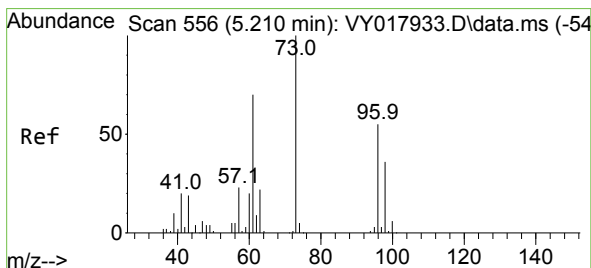
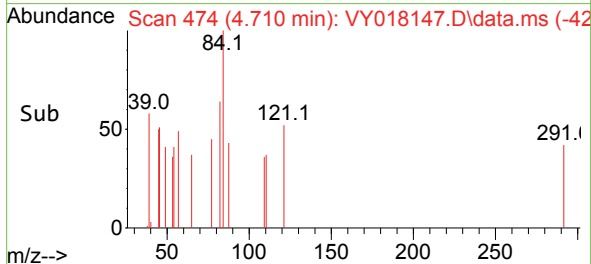
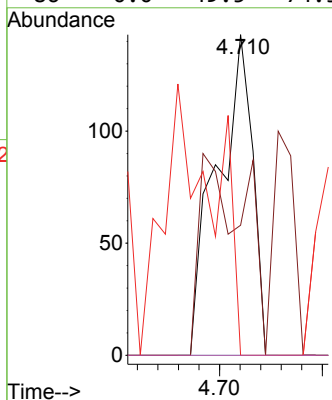


#20
Methylene Chloride
Concen: 9.041 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

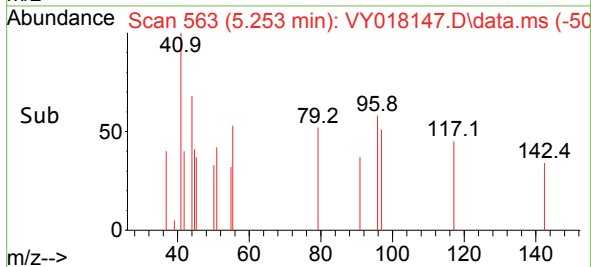
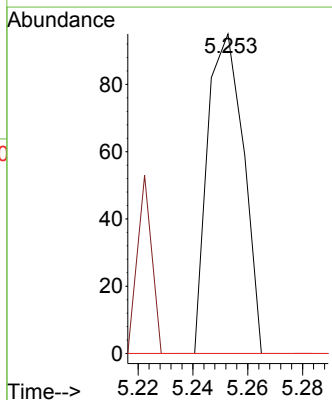
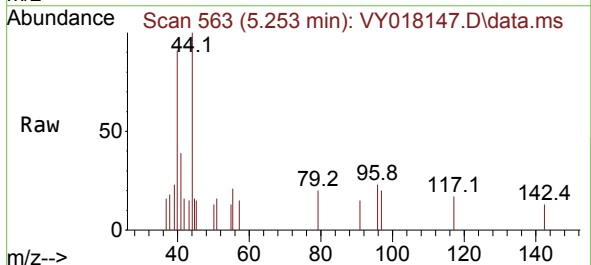


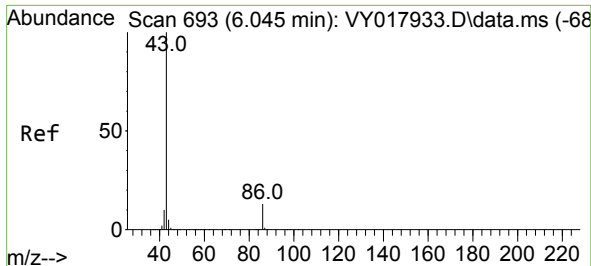
Tgt Ion: 84 Resp: 172
Ion Ratio Lower Upper
84 100
49 40.6 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#



#21
trans-1,2-Dichloroethene
Concen: 4.680 ug/l
RT: 5.253 min Scan# 563
Delta R.T. 0.031 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 96 Resp: 86
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#

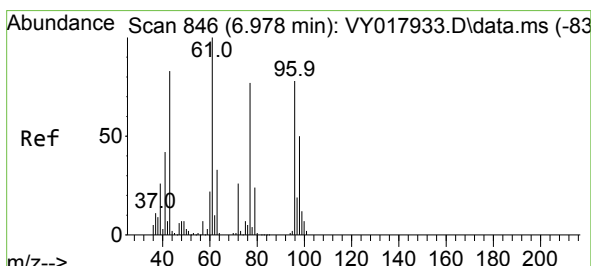
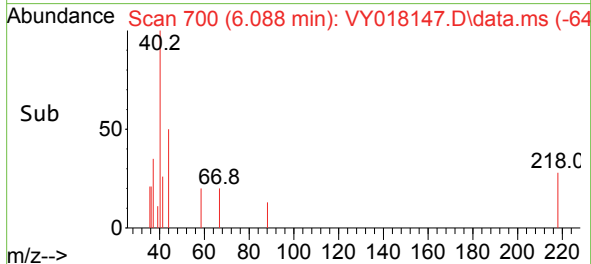
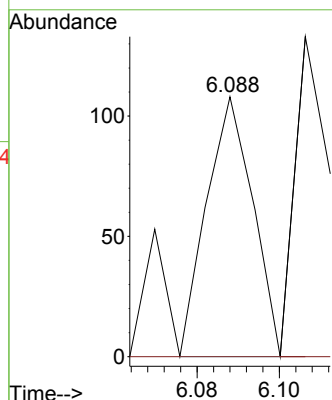
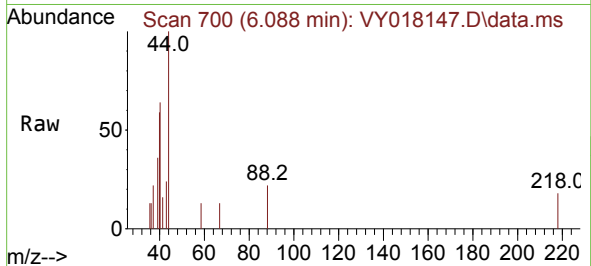




#23
 Vinyl Acetate
 Concen: 2.814 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.024 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

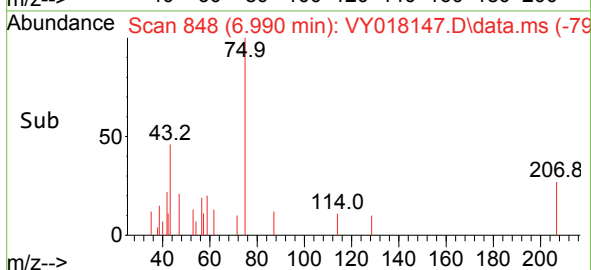
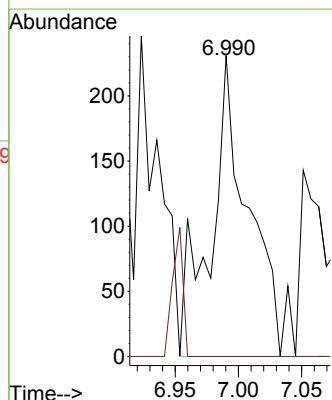
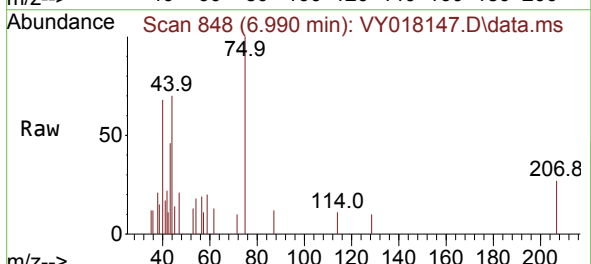
Instrument :
 MSVOA_Y
 ClientSampleId :

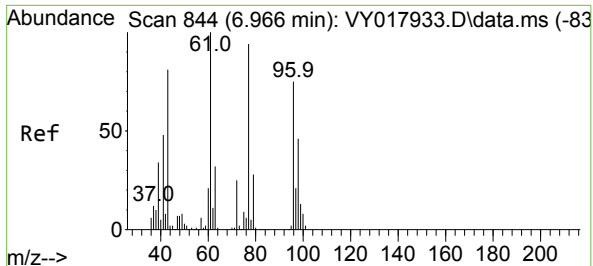
Tgt Ion: 43 Resp: 84
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#25
 2-Butanone
 Concen: 110.567 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

Tgt Ion: 43 Resp: 467
 Ion Ratio Lower Upper
 43 100
 72 0.0 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 1.956 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

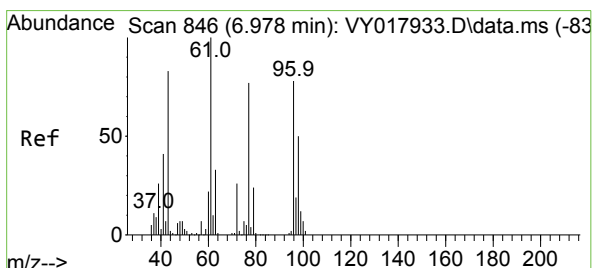
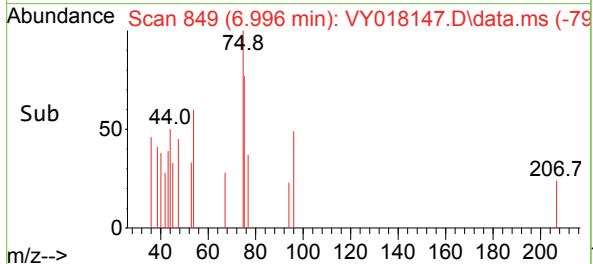
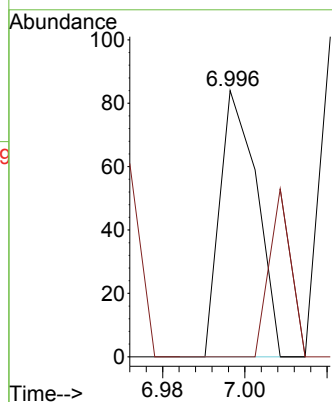
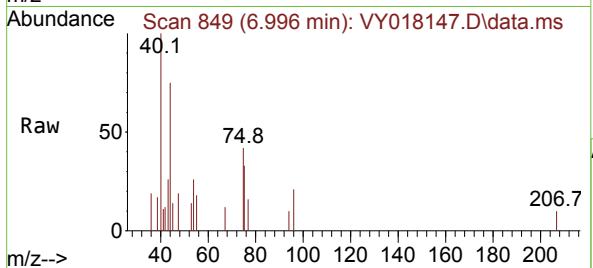
ClientSampleId :

Tgt Ion: 77 Resp: 52

Ion Ratio Lower Upper

77 100

97 36.5 12.0 36.1#



#27

cis-1,2-Dichloroethene

Concen: 3.012 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

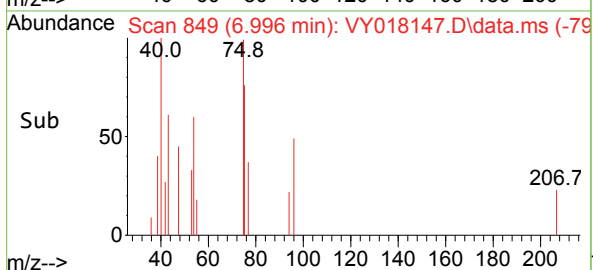
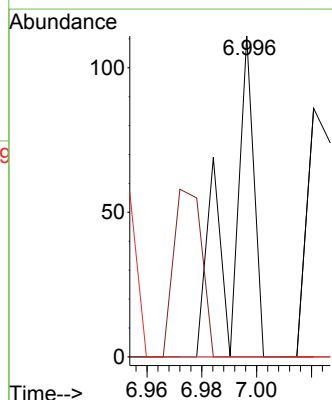
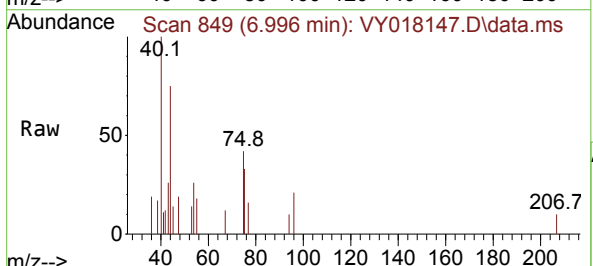
Tgt Ion: 96 Resp: 66

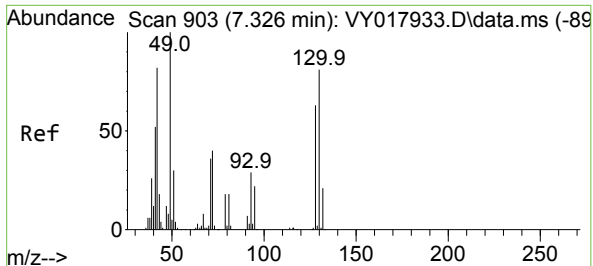
Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

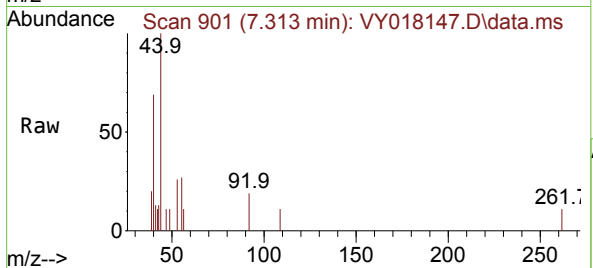
98 0.0 0.0 130.0



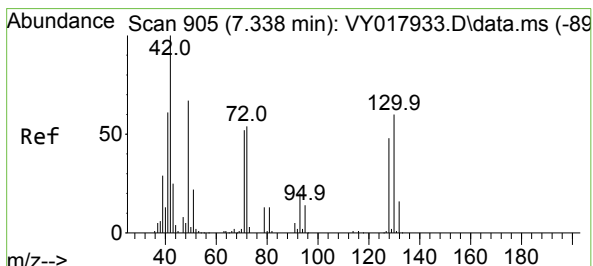
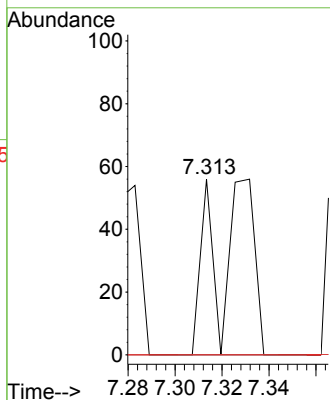
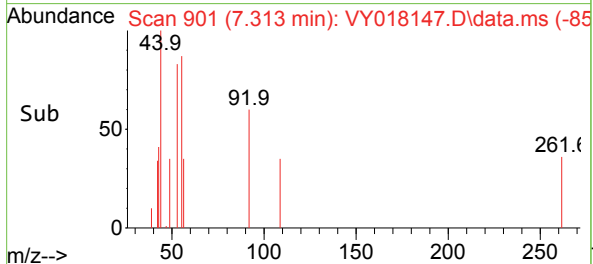


#28
Bromochloromethane
Concen: 5.311 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.025 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

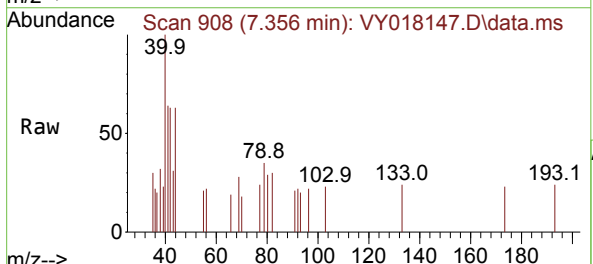
Instrument :
MSVOA_Y
ClientSampleId :



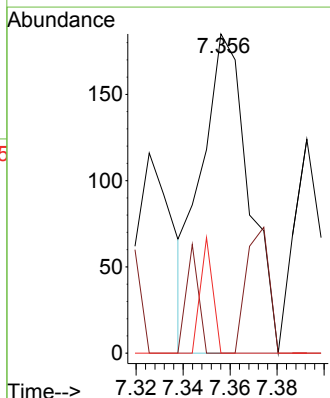
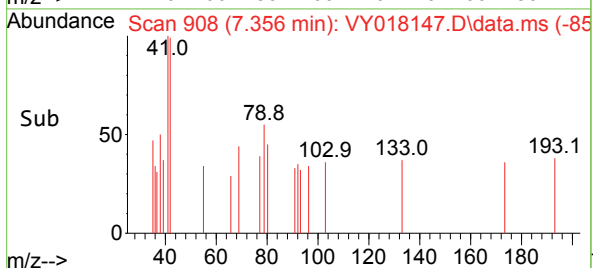
Tgt Ion: 49 Resp: 61
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#

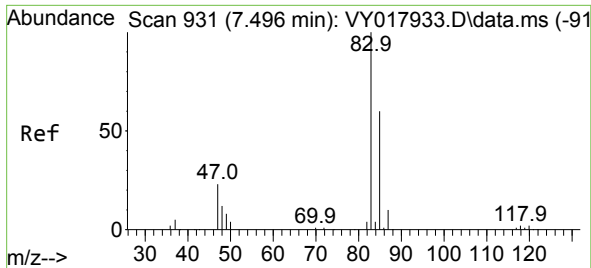


#29
Tetrahydrofuran
Concen: 96.830 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57



Tgt Ion: 42 Resp: 260
Ion Ratio Lower Upper
42 100
72 8.8 43.0 64.4#
71 9.6 40.8 61.2#

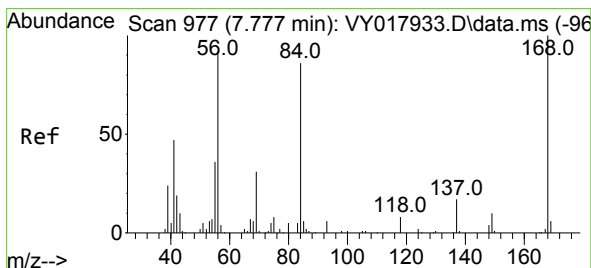
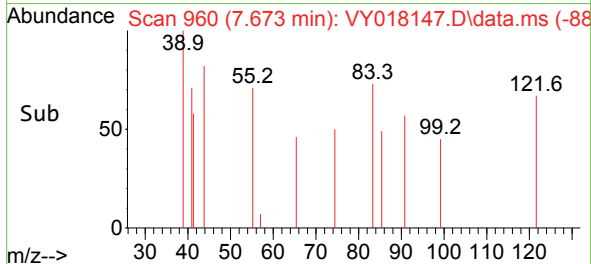
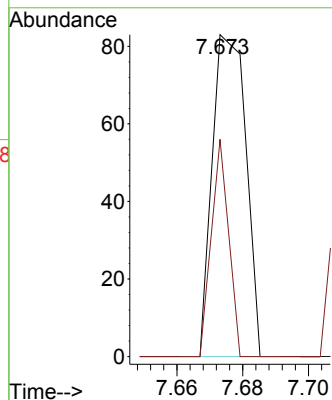
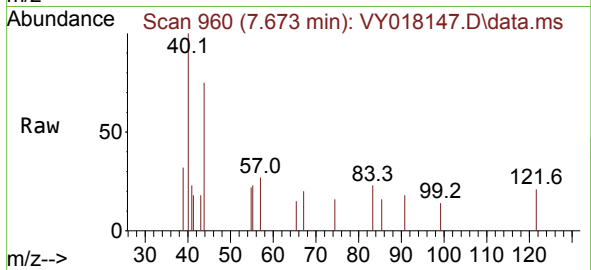




#30
Chloroform
Concen: 1.962 ug/l
RT: 7.673 min Scan# 960
Delta R.T. 0.165 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

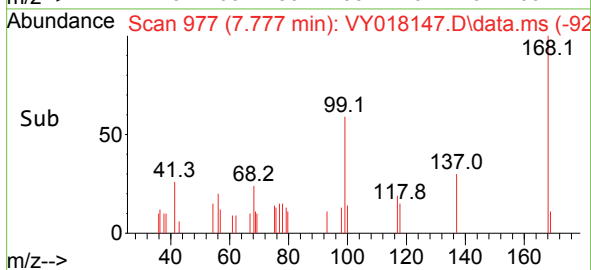
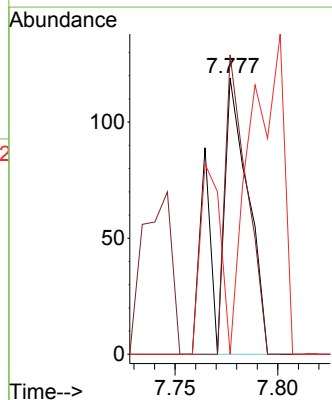
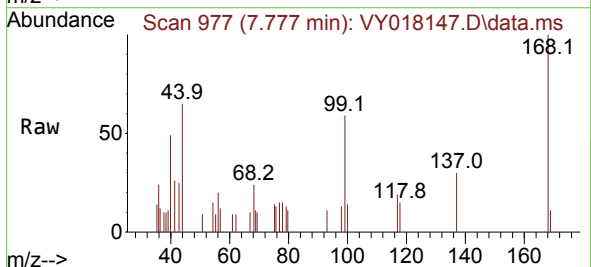
Instrument :
MSVOA_Y
ClientSampleId :

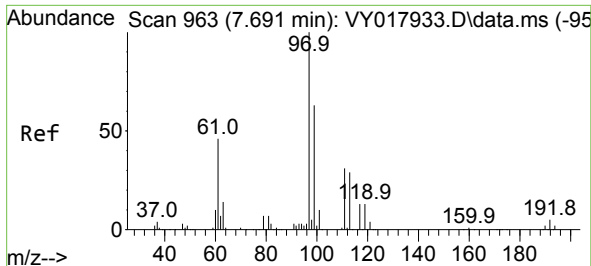
Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
85 67.5 52.2 78.4



#31
Cyclohexane
Concen: 4.614 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

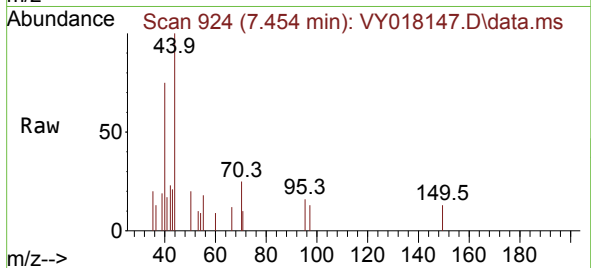
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
69 108.4 28.7 43.1#
84 0.0 77.7 116.5#



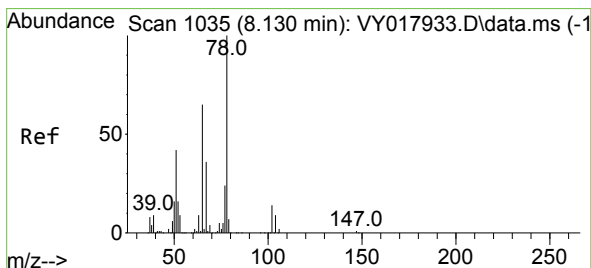
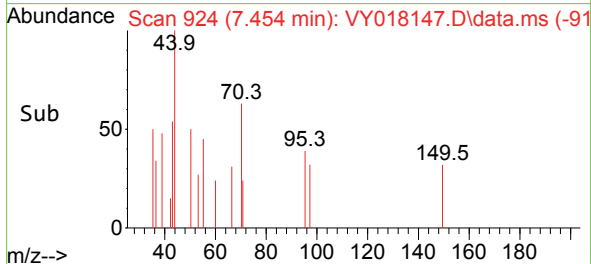
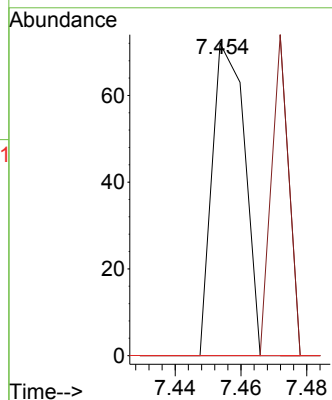


#32
1,1,1-Trichloroethane
Concen: 1.785 ug/l
RT: 7.454 min Scan# 91
Delta R.T. -0.249 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

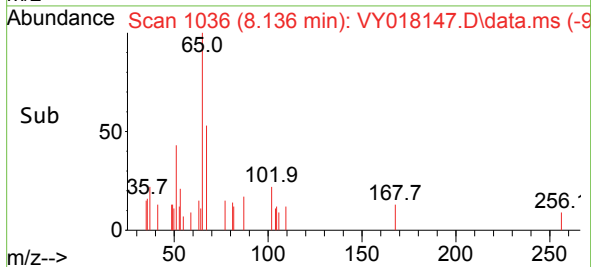
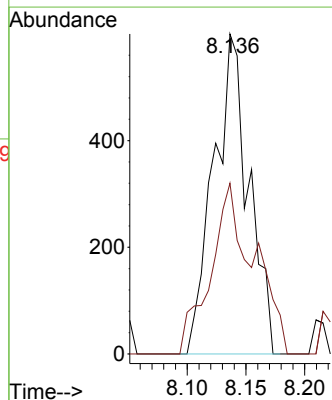
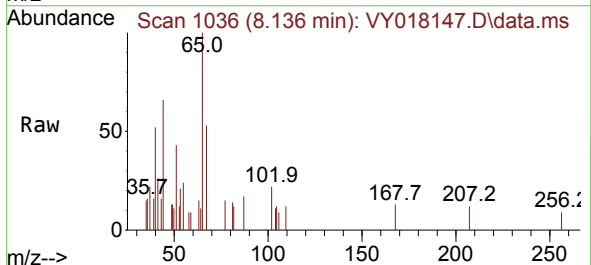


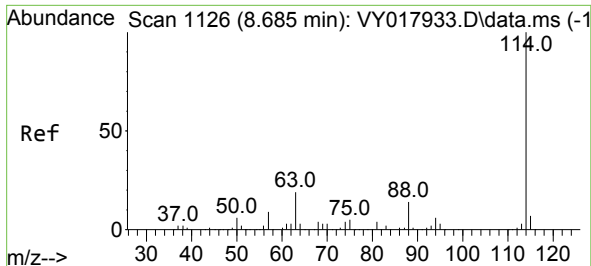
Tgt Ion: 97 Resp: 49
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 32.6 48.8#



#33
1,2-Dichloroethane-d4
Concen: 87.290 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 65 Resp: 1244
Ion Ratio Lower Upper
65 100
67 66.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018147.D

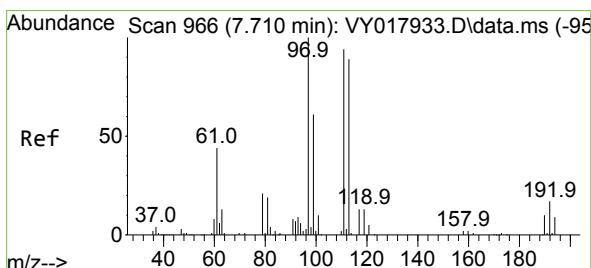
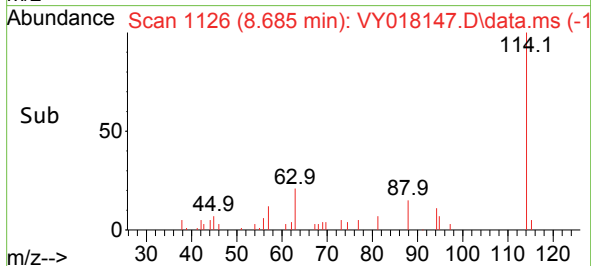
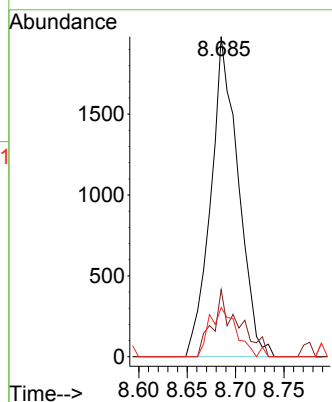
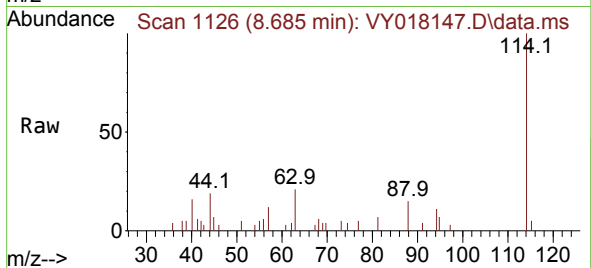
Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	3919
Ion	Ratio	Lower Upper
114	100	
63	21.0	0.0 35.0
88	15.4	0.0 27.2



#35

Dibromofluoromethane

Concen: 52.883 ug/l

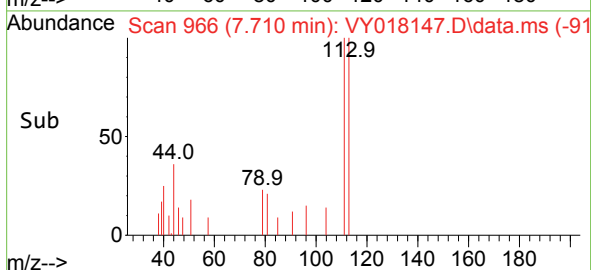
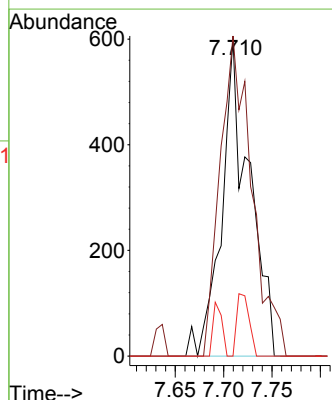
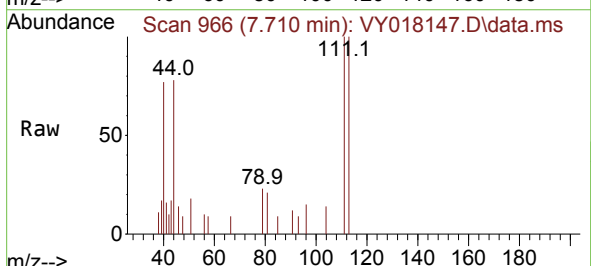
RT: 7.710 min Scan# 966

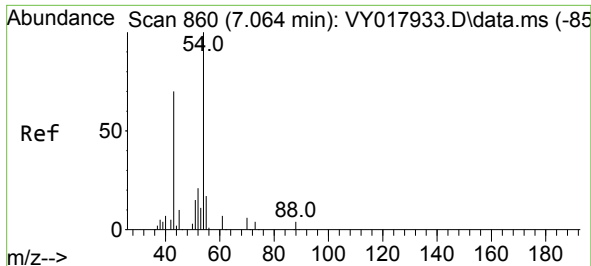
Delta R.T. -0.012 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Tgt Ion:113	Resp:	1191
Ion	Ratio	Lower Upper
113	100	
111	116.5	82.2 123.4
192	8.8	15.9 23.9#





#37

Ethyl Acetate

Concen: 14.065 ug/l

RT: 7.051 min Scan# 81

Delta R.T. -0.025 min

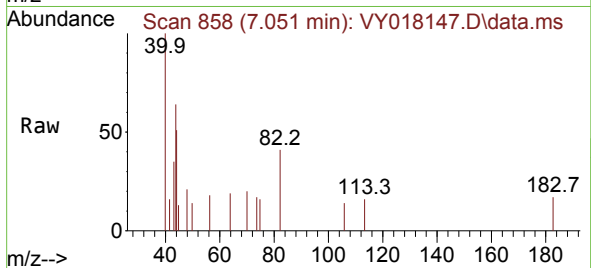
Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :



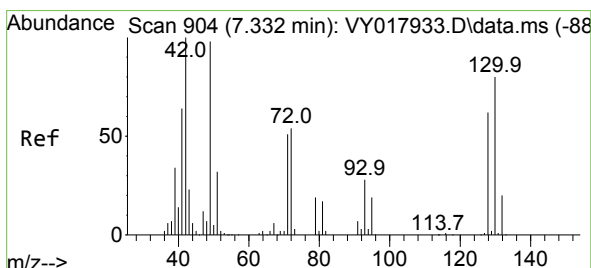
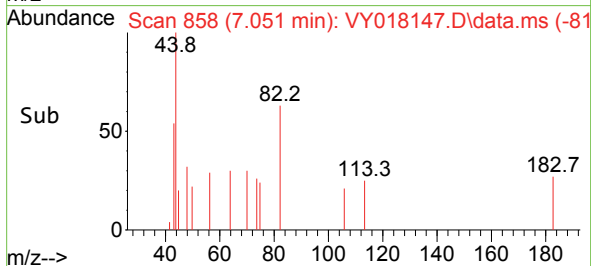
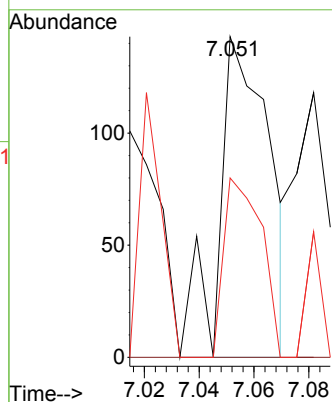
Tgt Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 41.3 7.8 11.8#



#41

Methacrylonitrile

Concen: 9.332 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Tgt Ion: 41 Resp: 72

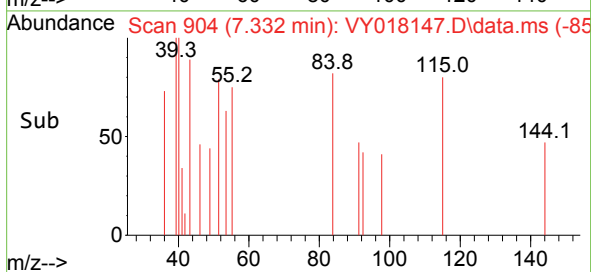
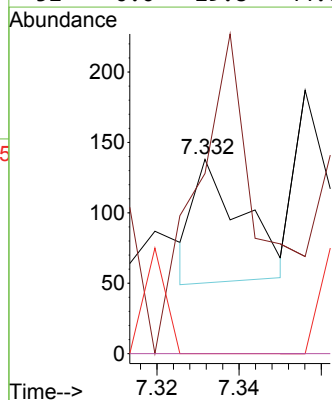
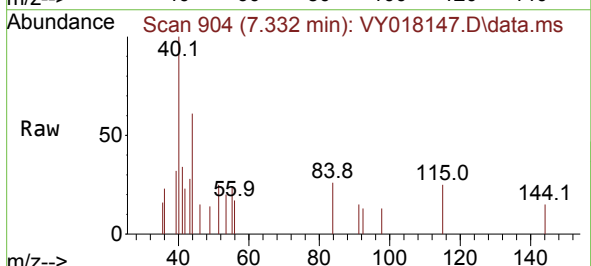
Ion Ratio Lower Upper

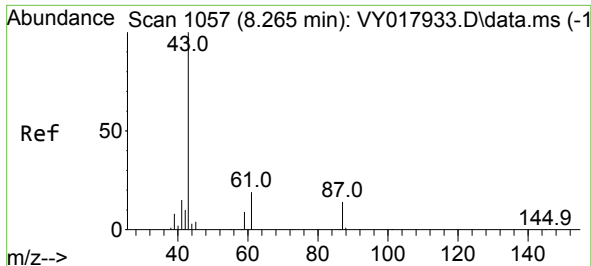
41 100

39 345.8 48.0 72.0#

67 37.5 75.1 112.7#

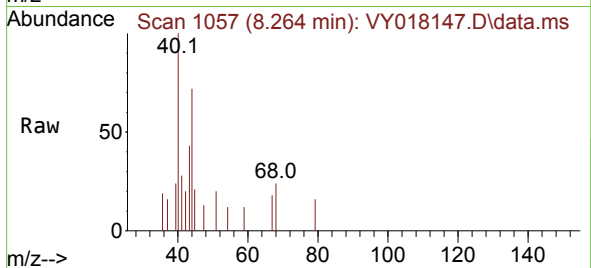
52 0.0 29.8 44.6#



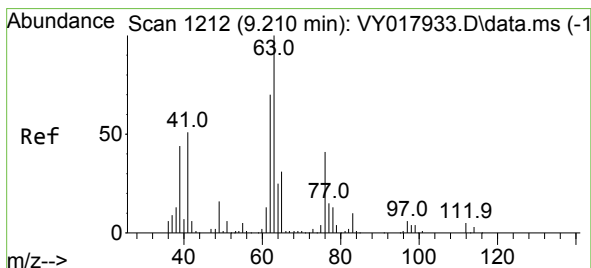
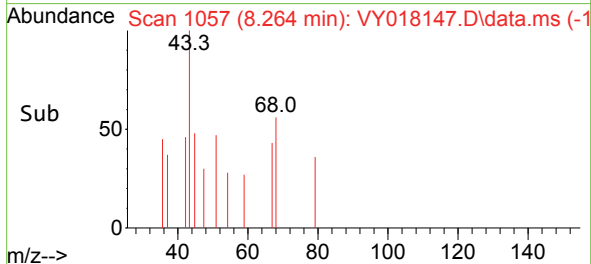
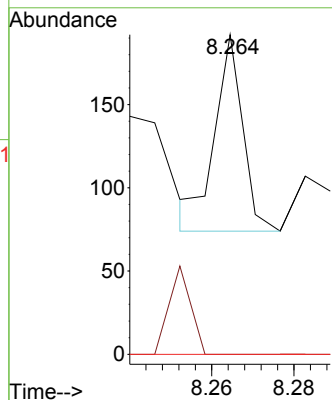


#43
Isopropyl Acetate
Concen: 1.965 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

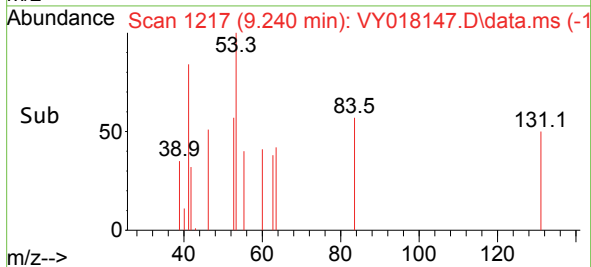
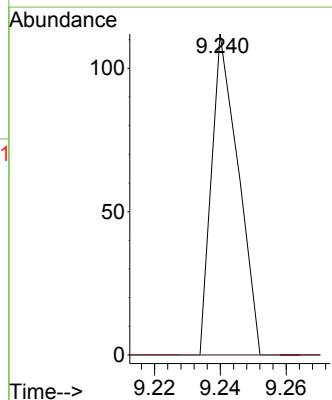
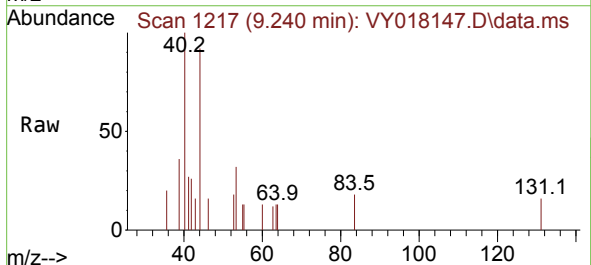


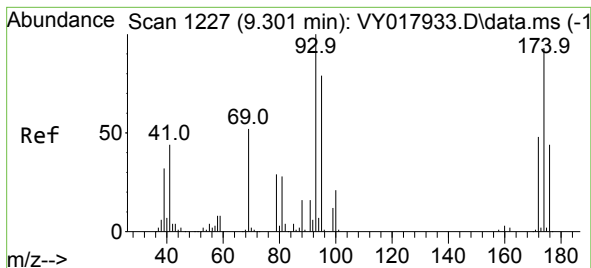
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#45
1,2-Dichloropropane
Concen: 2.989 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. 0.025 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 63 Resp: 63
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#





#46

Dibromomethane

Concen: 2.185 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

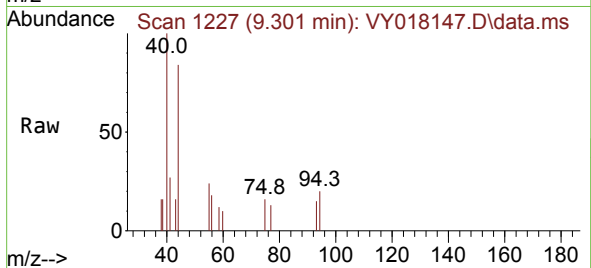
Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :



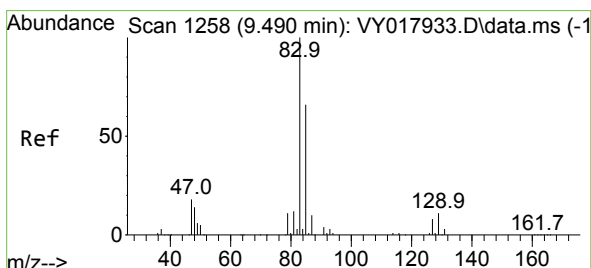
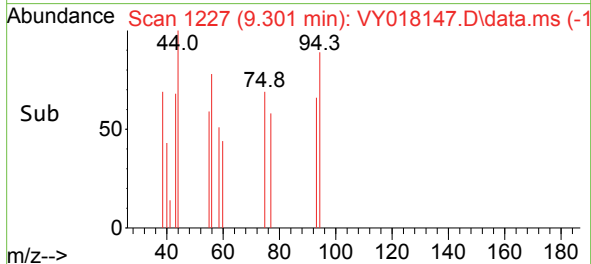
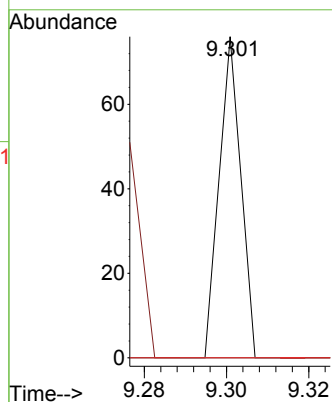
Tgt Ion: 93 Resp: 28

Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

174 0.0 80.9 121.3#



#47

Bromodichloromethane

Concen: 1.844 ug/l

RT: 9.526 min Scan# 1264

Delta R.T. 0.030 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

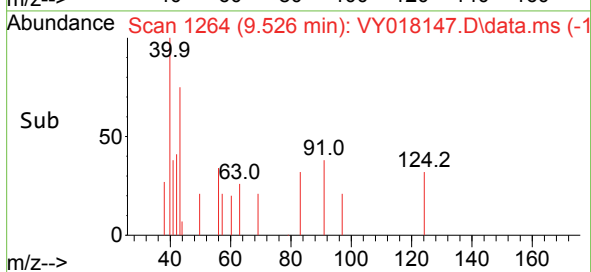
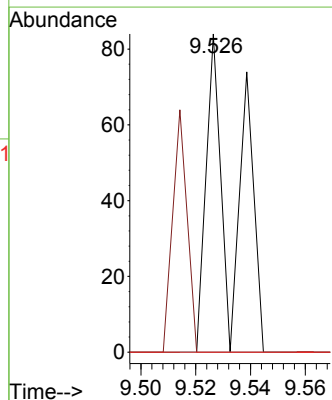
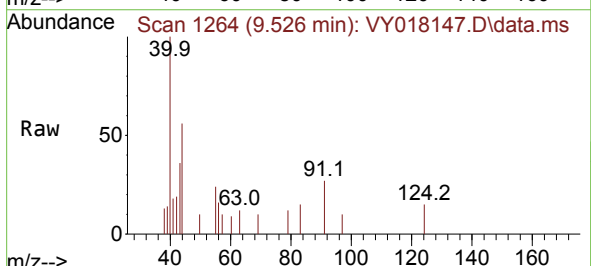
Tgt Ion: 83 Resp: 58

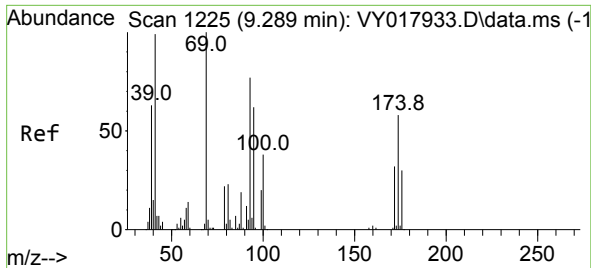
Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 7.4 11.0#





#48

Methyl methacrylate

Concen: 18.758 ug/l

RT: 9.270 min Scan# 11

Delta R.T. -0.025 min

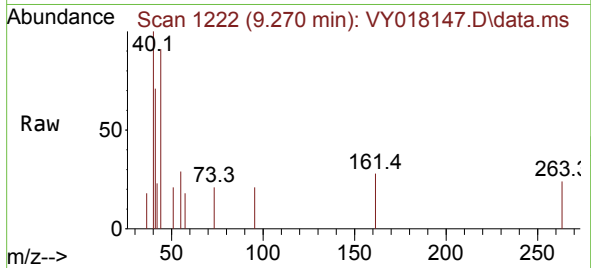
Lab File: VY018147.D

Acq: 03 May 2024 16:57

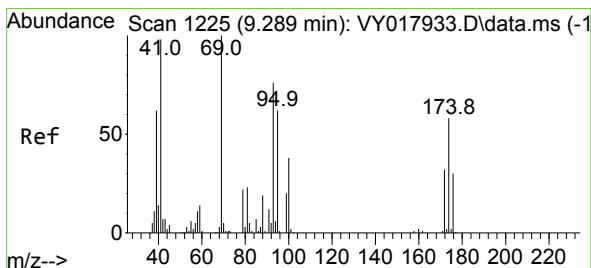
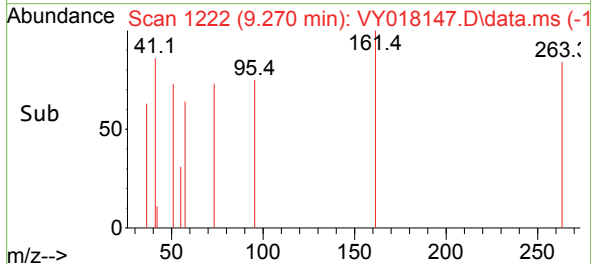
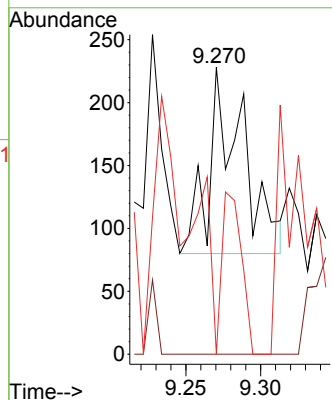
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	41	Resp:	236
Ion	Ratio	Lower	Upper
41	100		
69	0.0	84.1	126.1#
39	49.2	43.6	65.4



#49

1,4-Dioxane

Concen: 422.030 ug/l

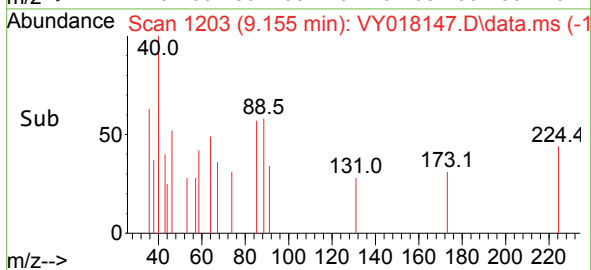
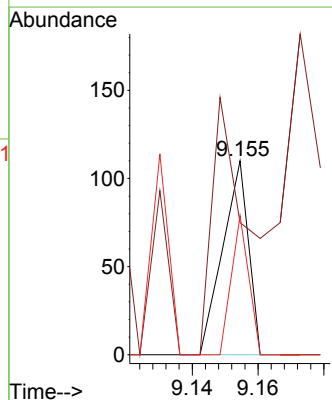
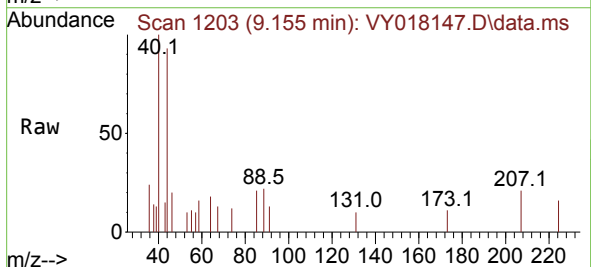
RT: 9.155 min Scan# 1203

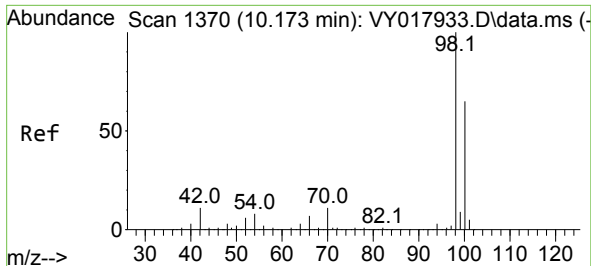
Delta R.T. -0.146 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Tgt Ion:	88	Resp:	60
Ion	Ratio	Lower	Upper
88	100		
43	175.0	0.0	0.0#
58	48.3	49.3	73.9#

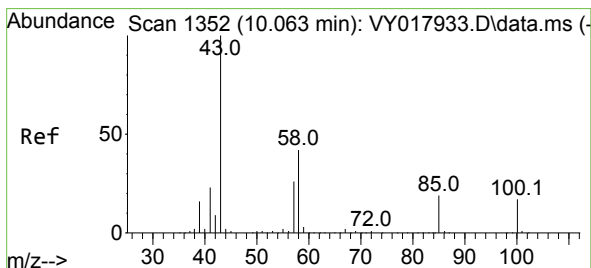
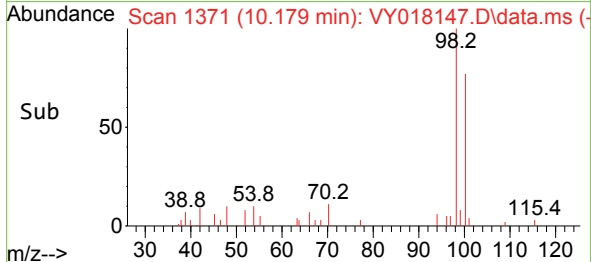
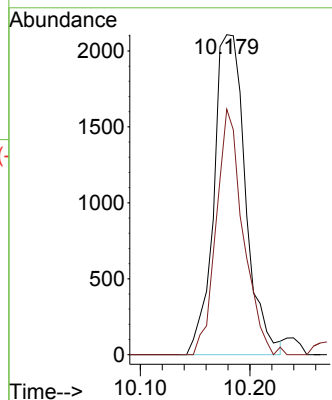
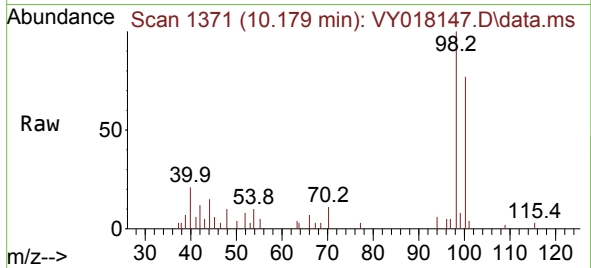




#50
Toluene-d8
Concen: 48.282 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

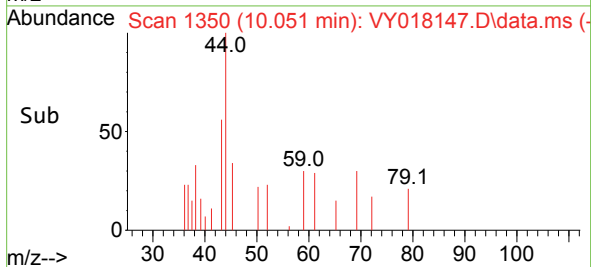
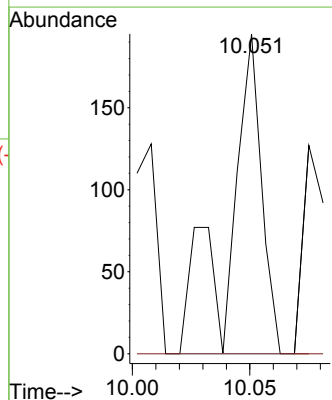
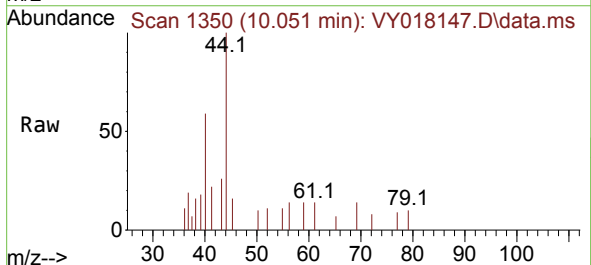
Instrument :
MSVOA_Y
ClientSampleId :

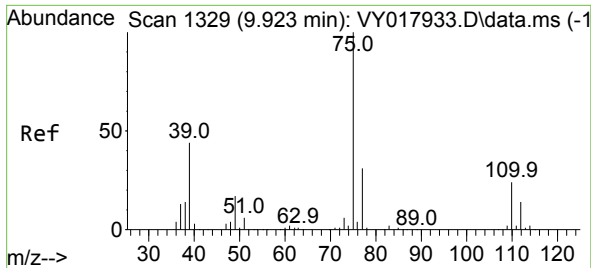
Tgt Ion: 98 Resp: 4245
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 14.377 ug/l
RT: 10.051 min Scan# 1350
Delta R.T. -0.018 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

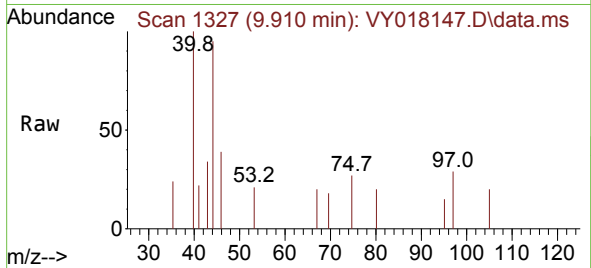
Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



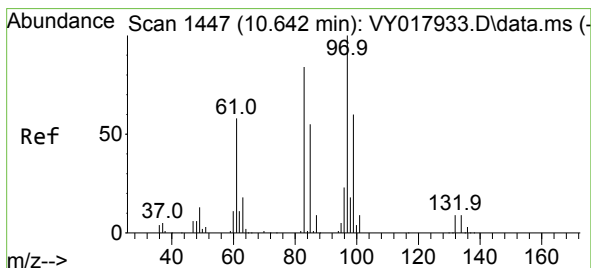
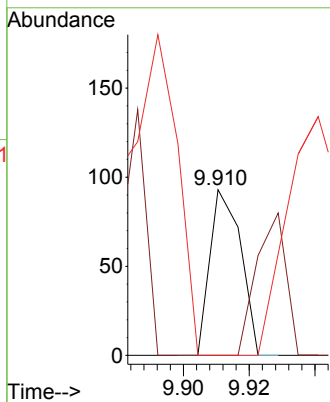
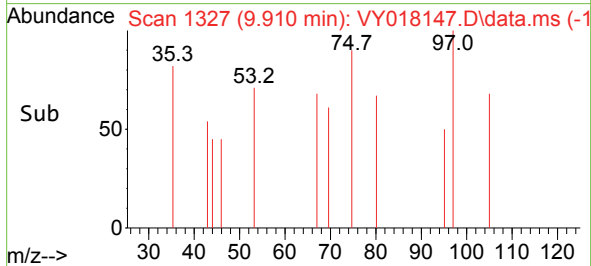


#54
cis-1,3-Dichloropropene
Concen: 1.680 ug/l
RT: 9.910 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

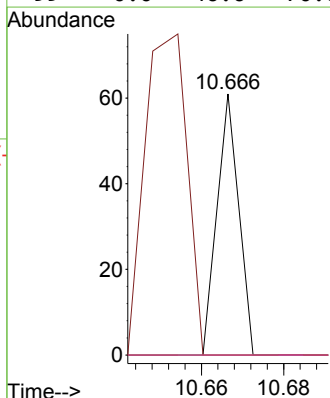
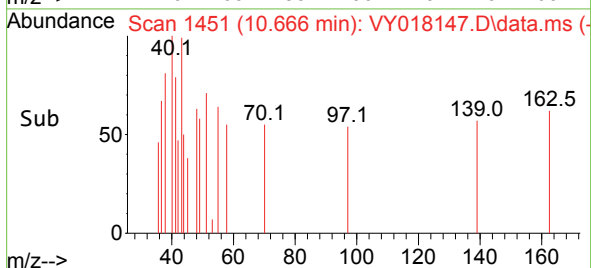
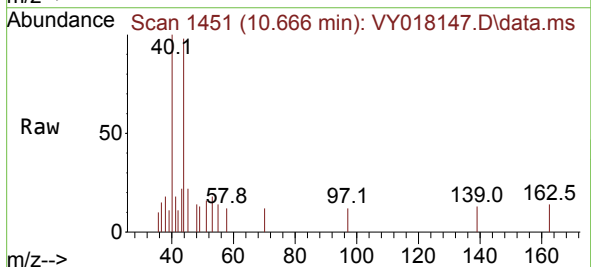


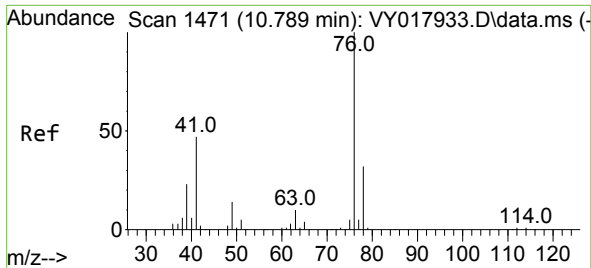
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 0.0 29.8 44.6#



#55
1,1,2-Trichloroethane
Concen: 1.276 ug/l
RT: 10.666 min Scan# 1451
Delta R.T. 0.024 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

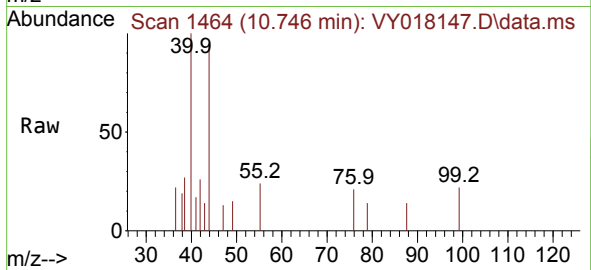
Tgt Ion: 97 Resp: 22
Ion Ratio Lower Upper
97 100
83 0.0 67.5 101.3#
85 0.0 42.9 64.3#
99 0.0 46.6 70.0#



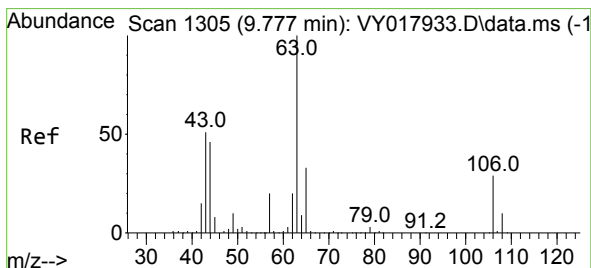
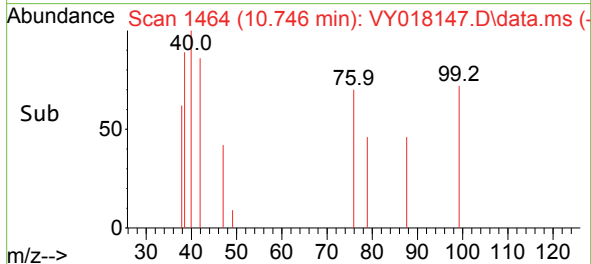
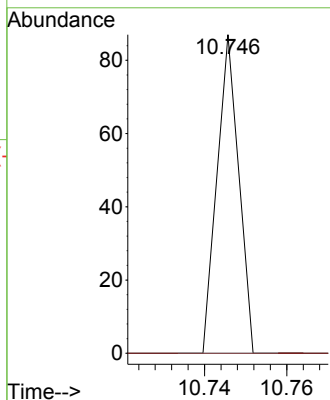


#57
1,3-Dichloropropane
Concen: 1.162 ug/l
RT: 10.746 min Scan# 1471
Delta R.T. -0.042 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

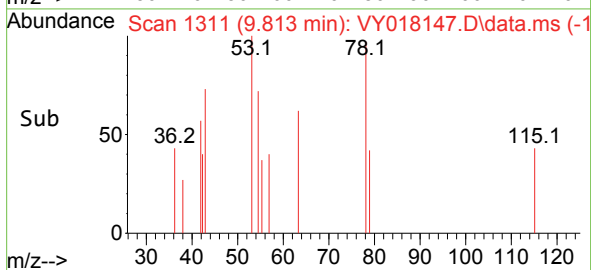
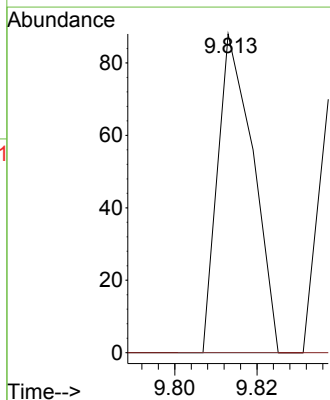
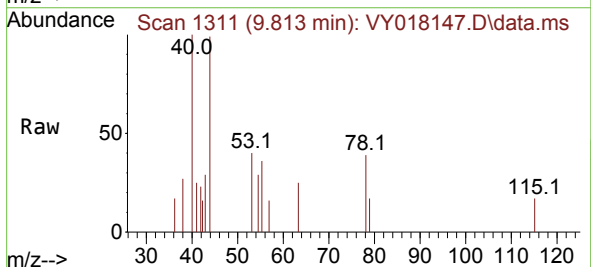


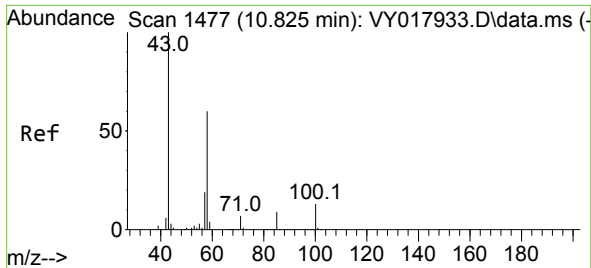
Tgt Ion: 76 Resp: 32
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#



#58
2-Chloroethyl Vinyl ether
Concen: 4.659 ug/l
RT: 9.813 min Scan# 1311
Delta R.T. 0.031 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#

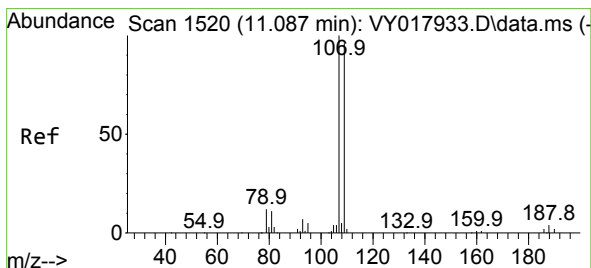
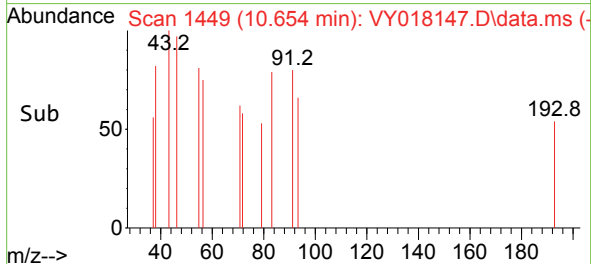
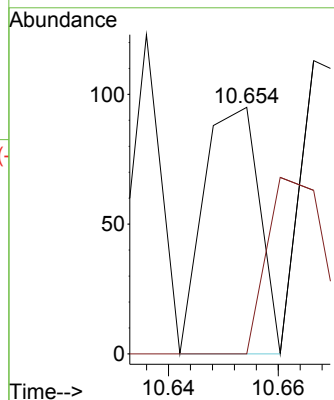
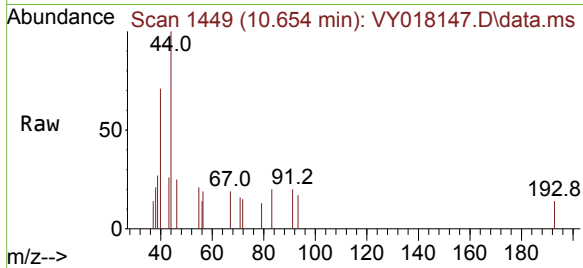




#59
2-Hexanone
Concen: 6.993 ug/l
RT: 10.654 min Scan# 1477
Delta R.T. -0.177 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

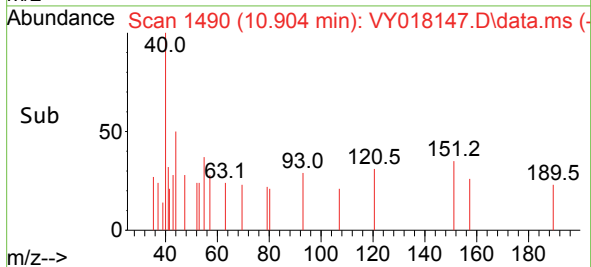
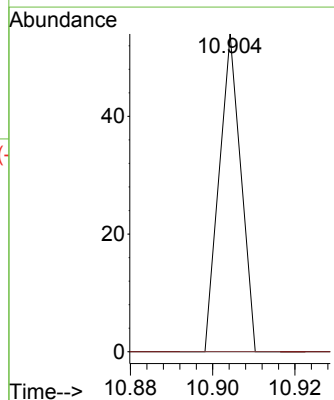
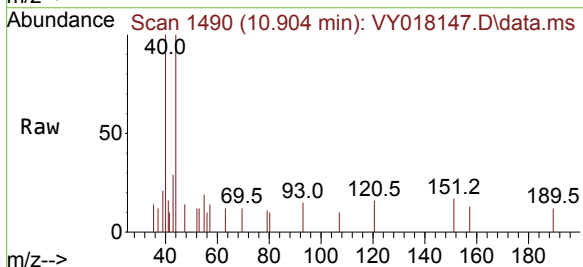
Instrument :
MSVOA_Y
ClientSampleId :

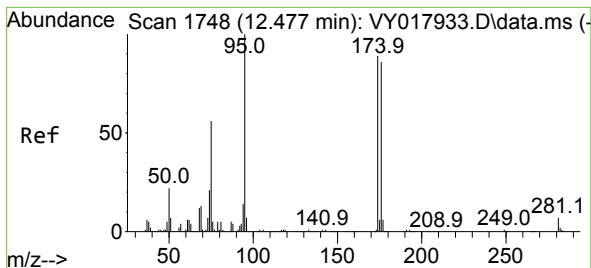
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 71.6 31.4 94.0



#61
1,2-Dibromoethane
Concen: 1.211 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. -0.183 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 107 Resp: 20
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#

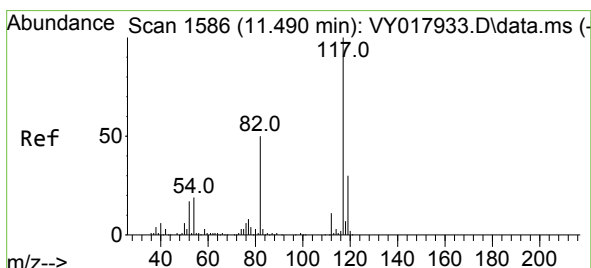
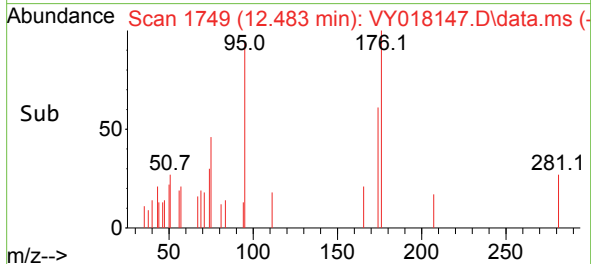
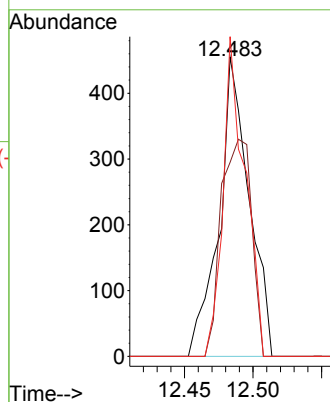
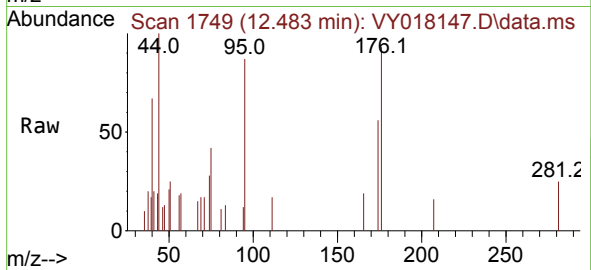




#62
4-Bromofluorobenzene
Concen: 22.837 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

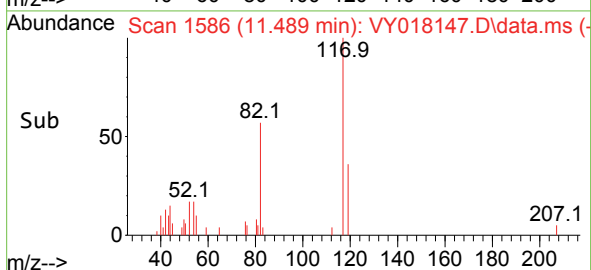
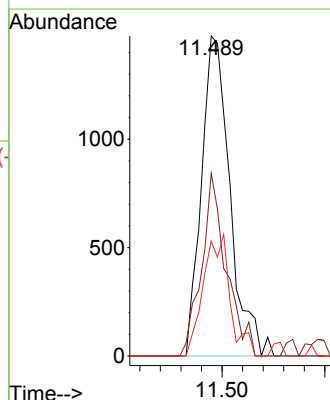
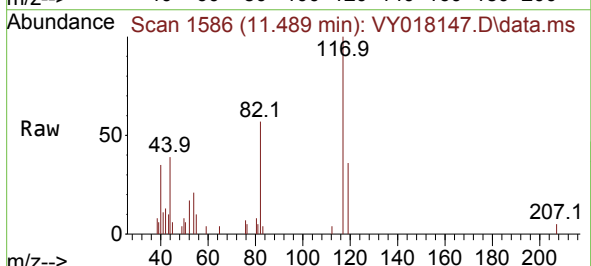
Instrument :
MSVOA_Y
ClientSampleId :

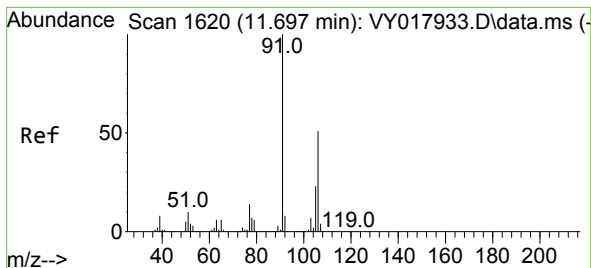
Tgt Ion: 95	Resp: 691
Ion Ratio	Lower Upper
95 100	
174 74.1	0.0 175.6
176 78.7	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 117	Resp: 2851
Ion Ratio	Lower Upper
117 100	
82 57.0	42.4 63.6
119 35.9	25.9 38.9





#68

m/p-Xylenes

Concen: 1.509 ug/l

RT: 11.867 min Scan# 1

Delta R.T. 0.164 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

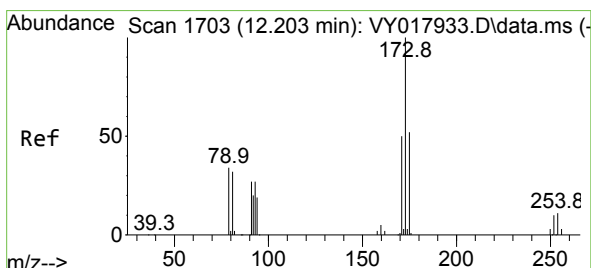
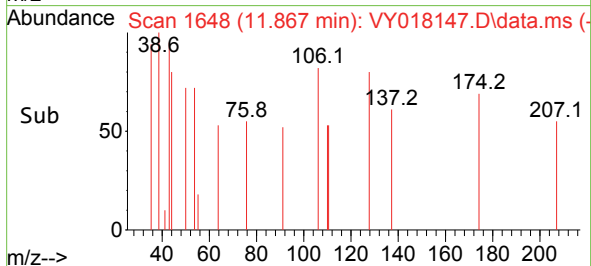
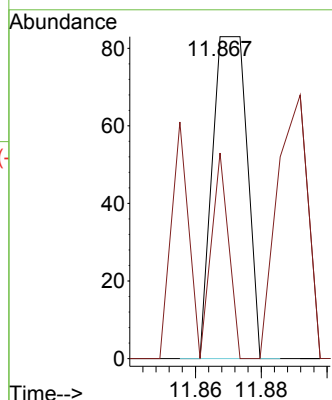
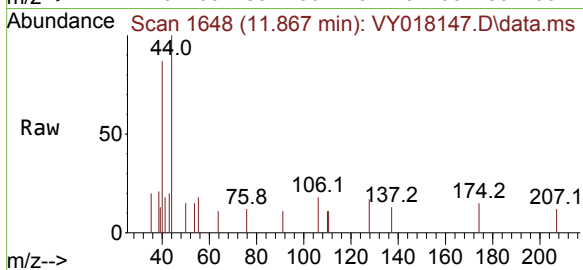
ClientSampleId :

Tgt Ion:106 Resp: 61

Ion Ratio Lower Upper

106 100

91 68.9 156.0 234.0#



#71

Bromoform

Concen: 1.855 ug/l

RT: 12.447 min Scan# 1743

Delta R.T. 0.238 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

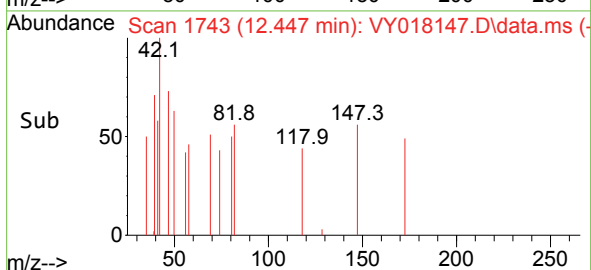
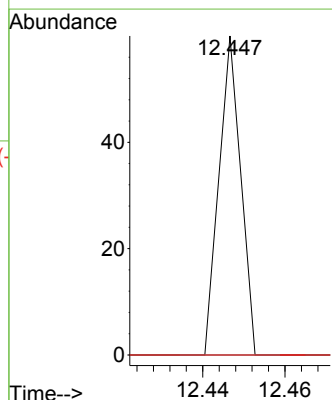
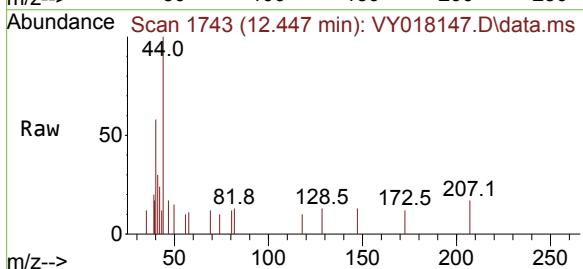
Tgt Ion:173 Resp: 22

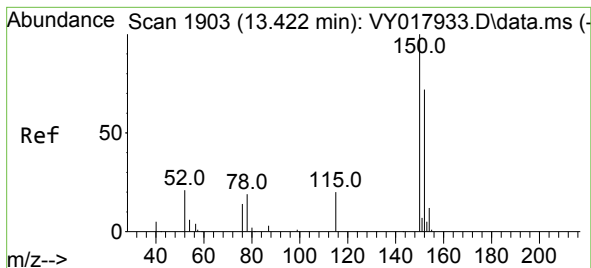
Ion Ratio Lower Upper

173 100

175 0.0 25.1 75.3#

254 0.0 0.0 0.0

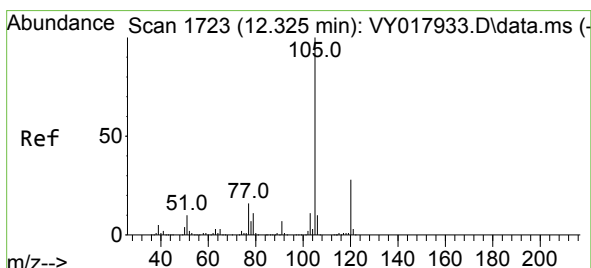
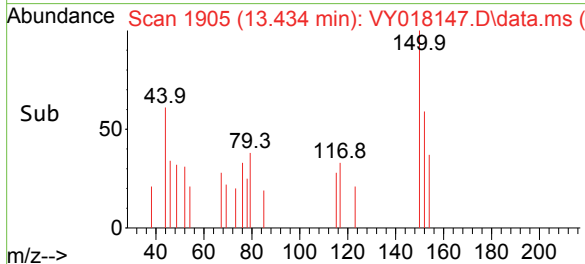
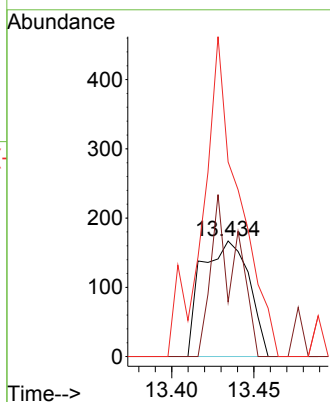
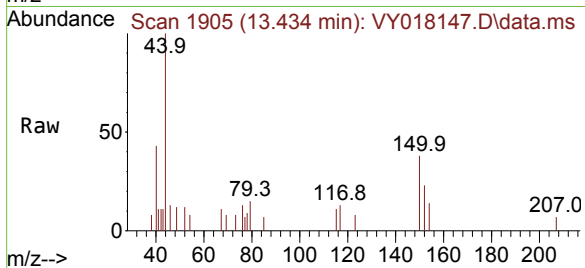




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

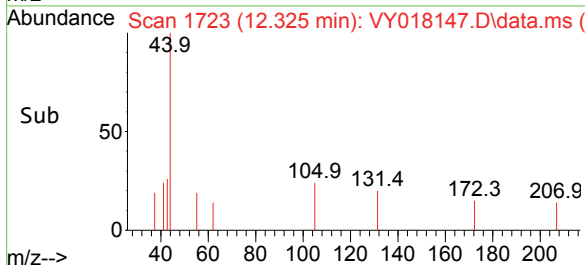
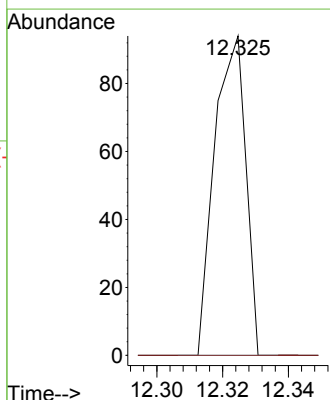
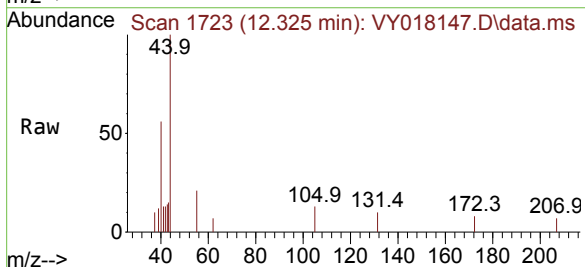
Instrument :
MSVOA_Y
ClientSampleId :

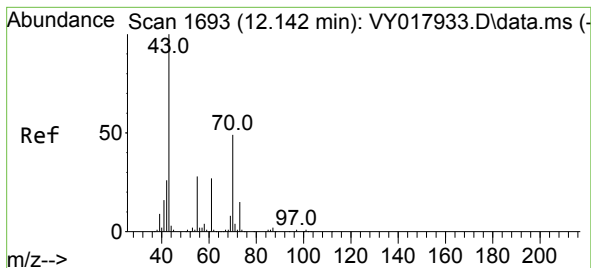
Tgt Ion:152 Resp: 334
Ion Ratio Lower Upper
152 100
115 74.3 28.2 84.7
150 212.0 0.0 345.6



#73
Isopropylbenzene
Concen: 2.466 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion:105 Resp: 62
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.1#





#74

N-amy1 acetate

Concen: 28.456 ug/l

RT: 12.136 min Scan# 1

Delta R.T. -0.006 min

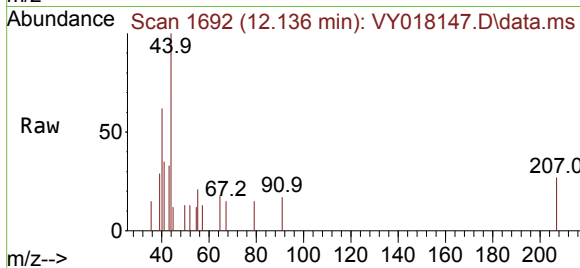
Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 157

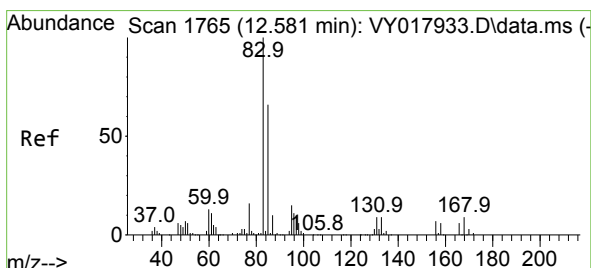
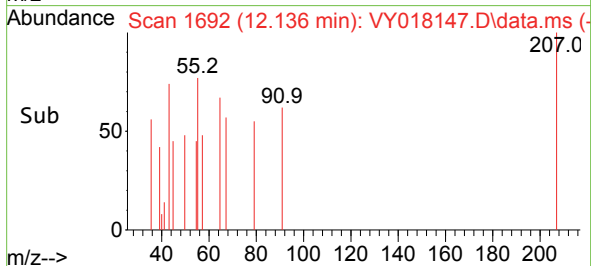
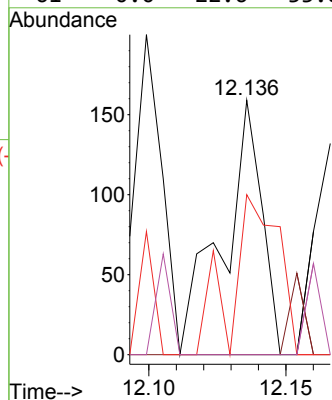
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 75.8 23.3 34.9#

61 0.0 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 11.750 ug/l

RT: 12.569 min Scan# 1763

Delta R.T. -0.012 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

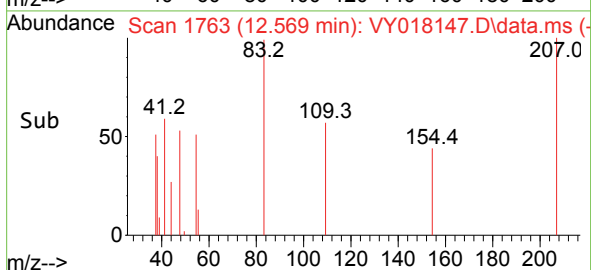
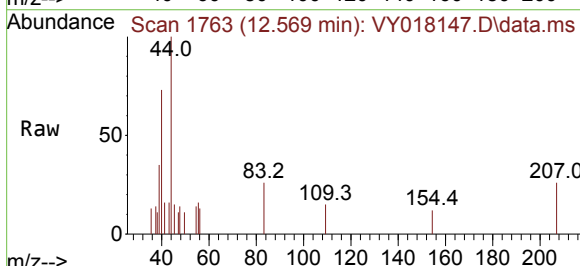
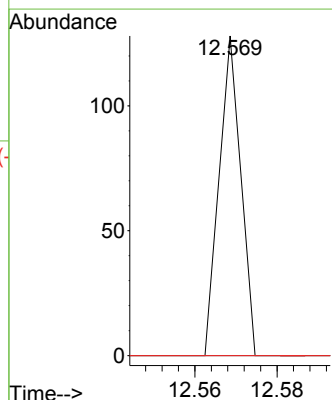
Tgt Ion: 83 Resp: 47

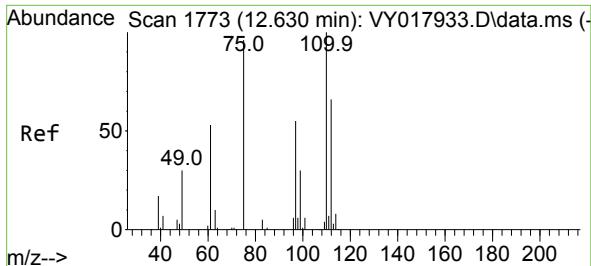
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

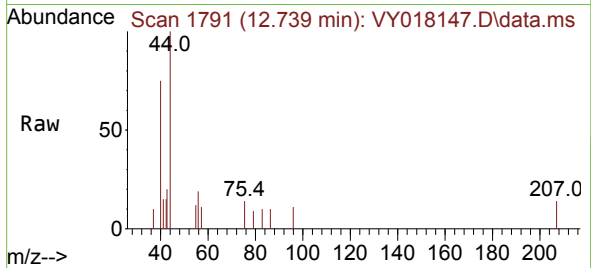
85 0.0 32.0 96.0#



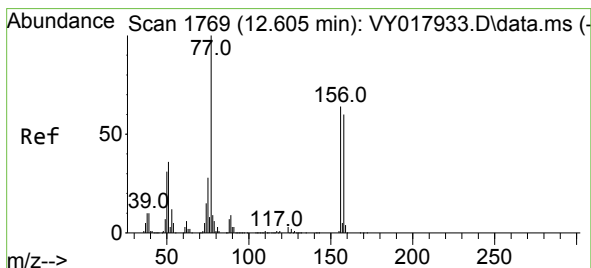
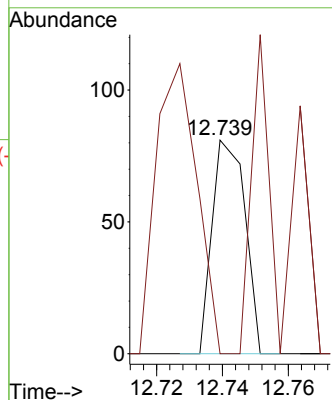
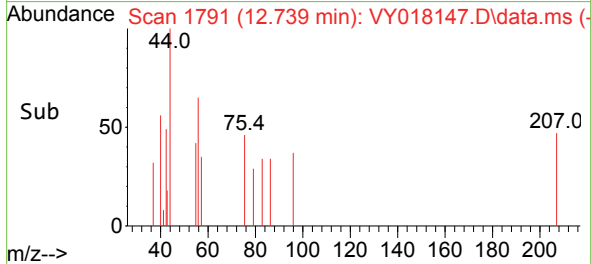


#76
1,2,3-Trichloropropane
Concen: 19.978 ug/l
RT: 12.739 min Scan# 1773
Delta R.T. 0.103 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

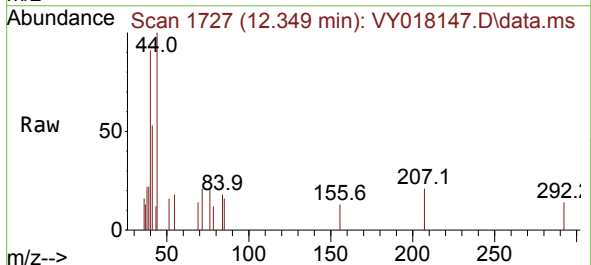
Instrument :
MSVOA_Y
ClientSampleId :



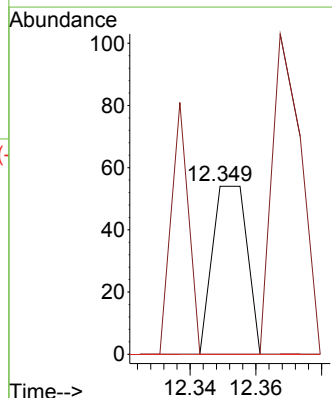
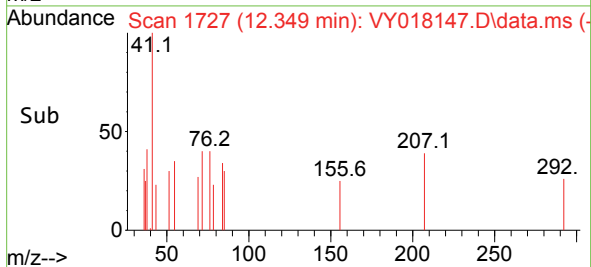
Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
77 169.6 0.0 0.0#

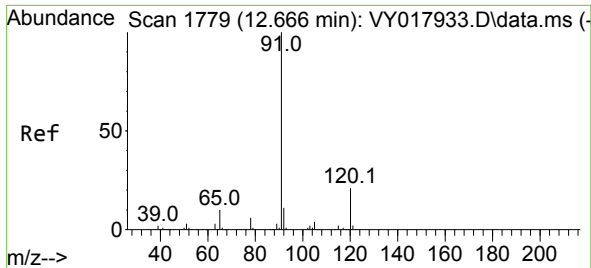


#77
Bromobenzene
Concen: 6.697 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. -0.262 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57



Tgt Ion: 156 Resp: 40
Ion Ratio Lower Upper
156 100
77 75.0 87.1 261.3#
158 0.0 48.6 145.9#

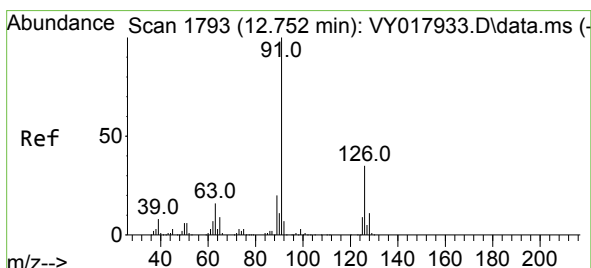
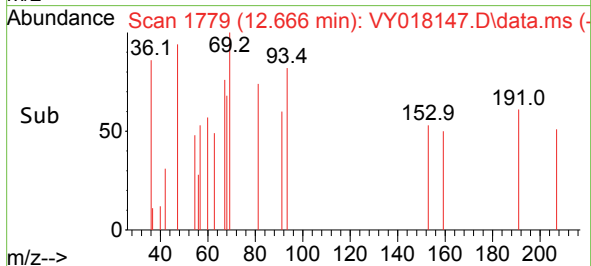
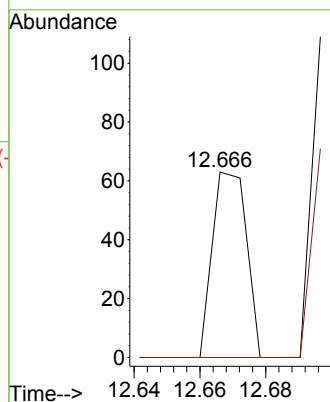
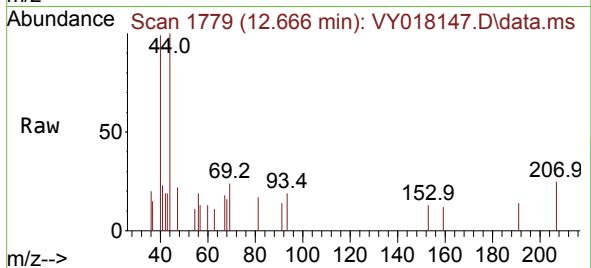




#78
n-propylbenzene
Concen: 1.555 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

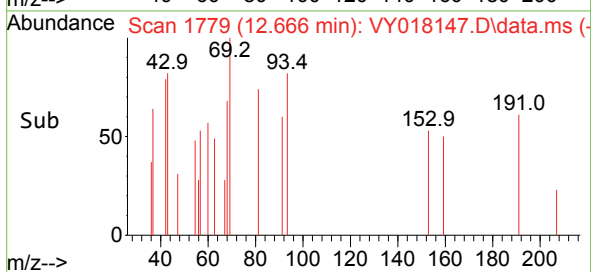
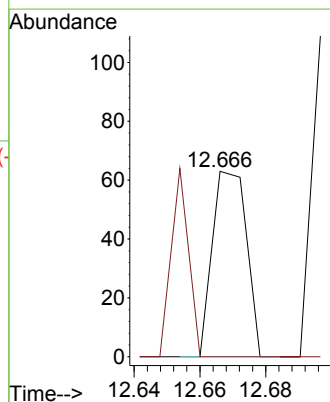
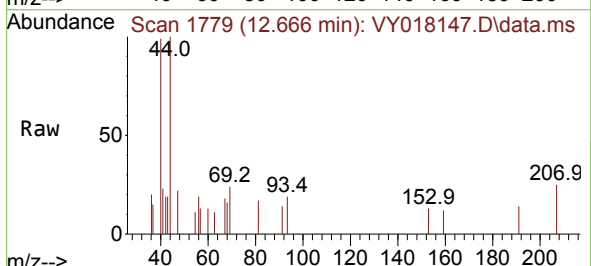
Instrument :
MSVOA_Y
ClientSampleId :

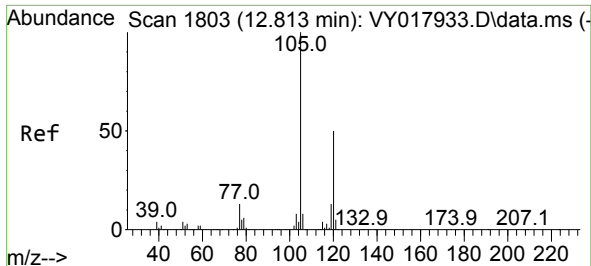
Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#



#79
2-Chlorotoluene
Concen: 2.737 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.091 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
126 51.1 17.8 53.5

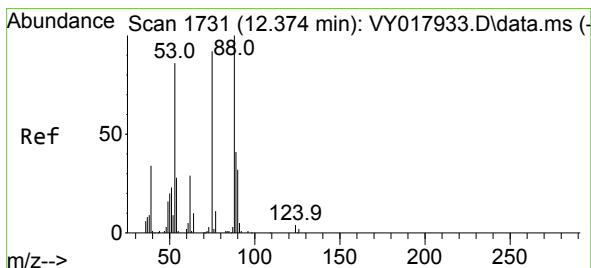
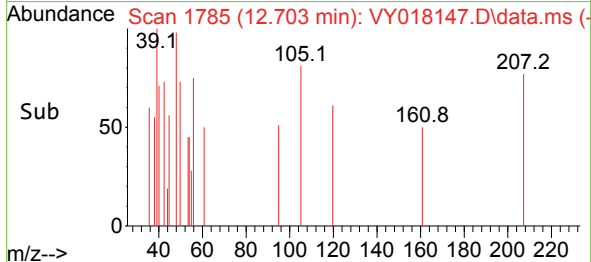
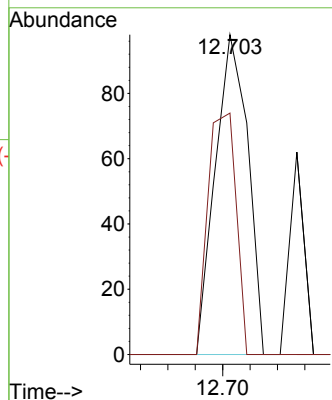
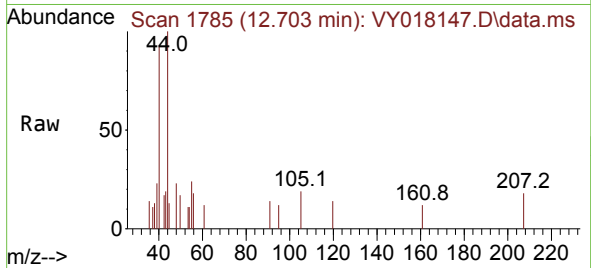




#80
 1,3,5-Trimethylbenzene
 Concen: 3.998 ug/l
 RT: 12.703 min Scan# 11
 Delta R.T. -0.109 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

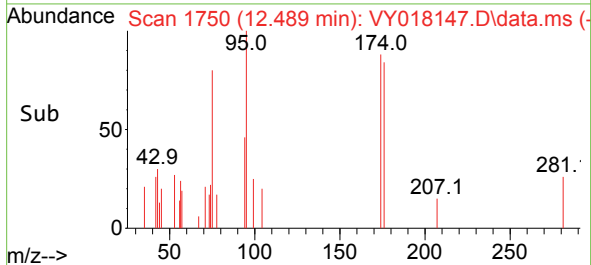
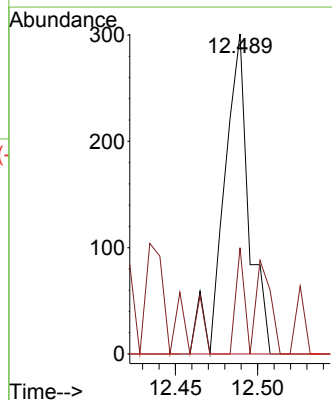
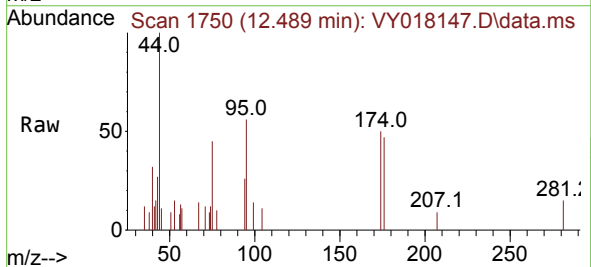
Instrument :
 MSVOA_Y
 ClientSampleId :

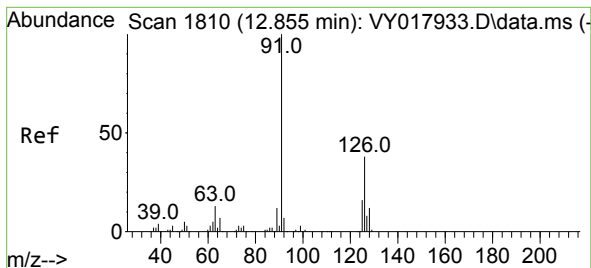
Tgt Ion:105 Resp: 81
 Ion Ratio Lower Upper
 105 100
 120 65.4 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 206.672 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.110 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

Tgt Ion: 75 Resp: 318
 Ion Ratio Lower Upper
 75 100
 53 11.6 66.8 100.2#
 89 0.0 35.8 53.6#

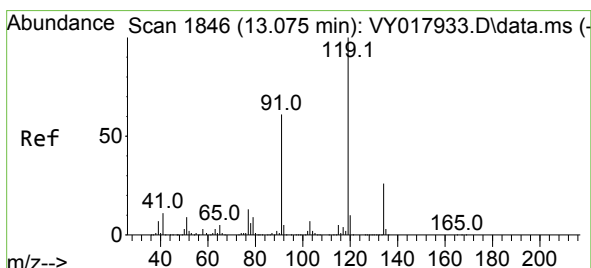
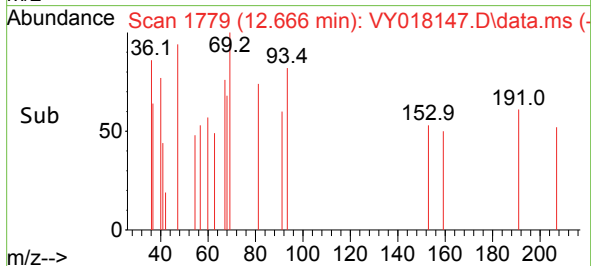
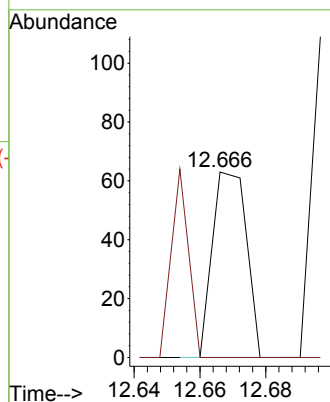
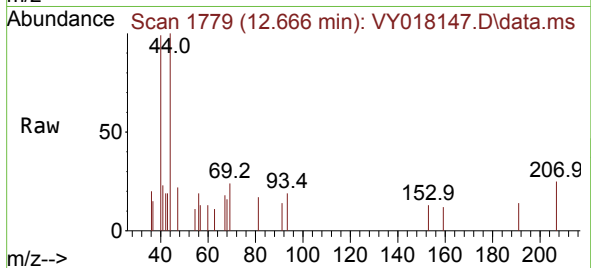




#82
4-Chlorotoluene
Concen: 2.671 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.189 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

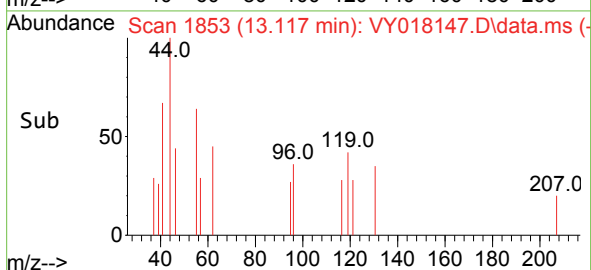
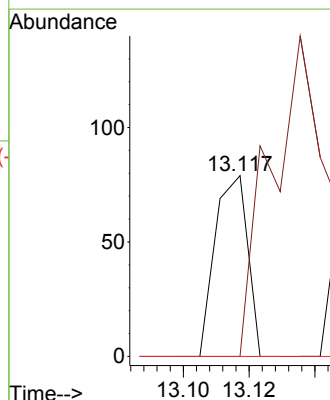
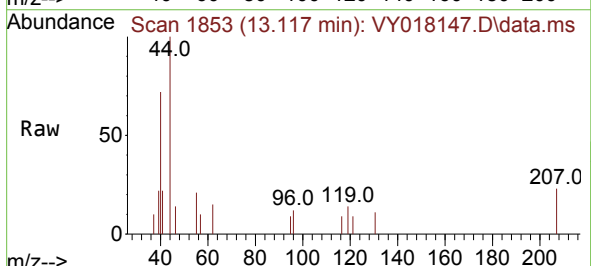
Instrument :
MSVOA_Y
ClientSampleId :

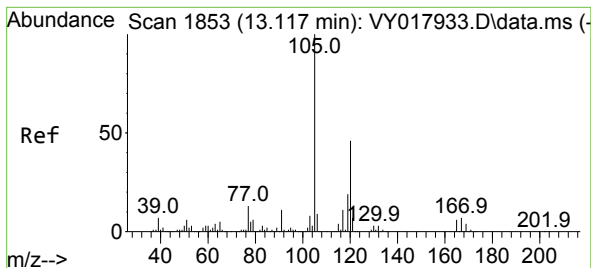
Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
126 51.1 17.6 52.9



#83
tert-Butylbenzene
Concen: 2.911 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.043 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Tgt Ion: 119 Resp: 54
Ion Ratio Lower Upper
119 100
91 313.0 31.3 93.8#
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 2.217 ug/l

RT: 13.196 min Scan# 1866

Delta R.T. 0.079 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

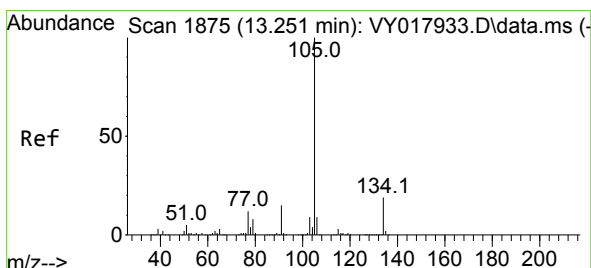
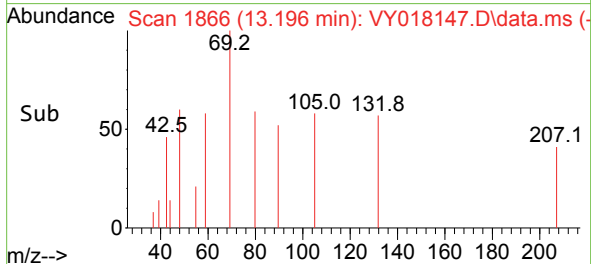
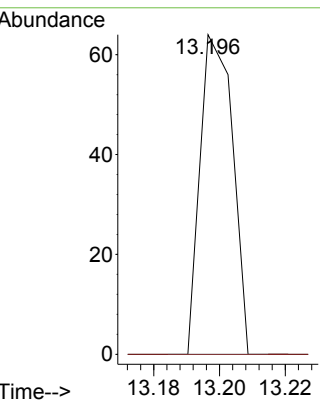
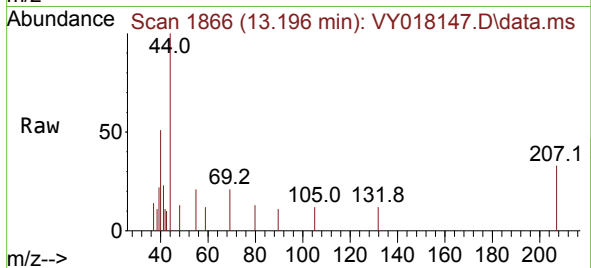
ClientSampleId :

Tgt Ion:105 Resp: 44

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#



#85

sec-Butylbenzene

Concen: 1.653 ug/l

RT: 13.196 min Scan# 1866

Delta R.T. -0.055 min

Lab File: VY018147.D

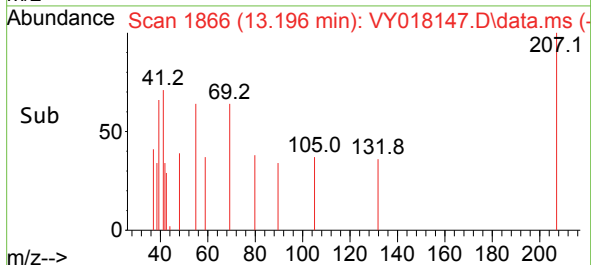
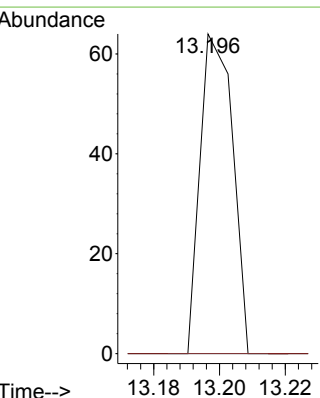
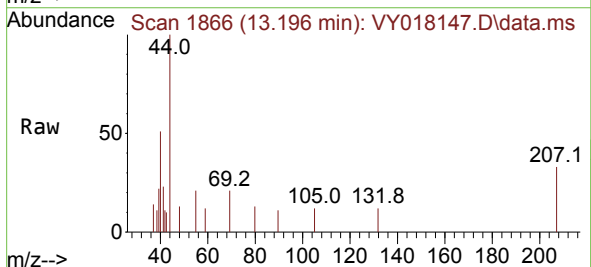
Acq: 03 May 2024 16:57

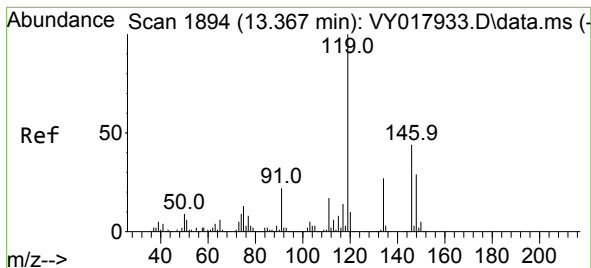
Tgt Ion:105 Resp: 44

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 3.877 ug/l

RT: 13.355 min Scan# 119

Delta R.T. -0.012 min

Lab File: VY018147.D

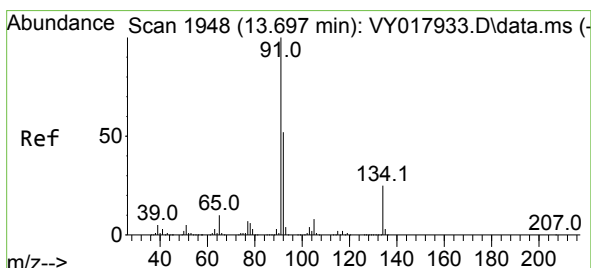
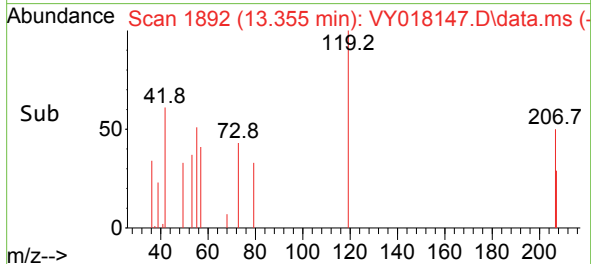
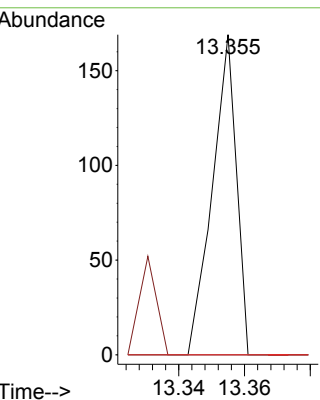
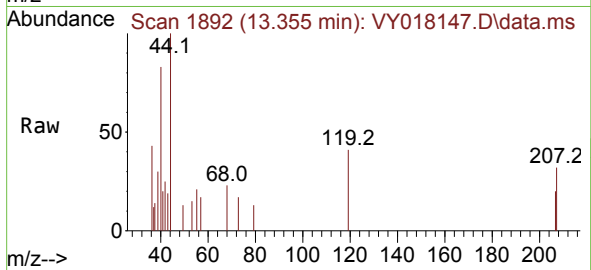
Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	119	Resp:	86
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.1	39.3#
91	0.0	10.7	32.1#



#89

n-Butylbenzene

Concen: 3.056 ug/l

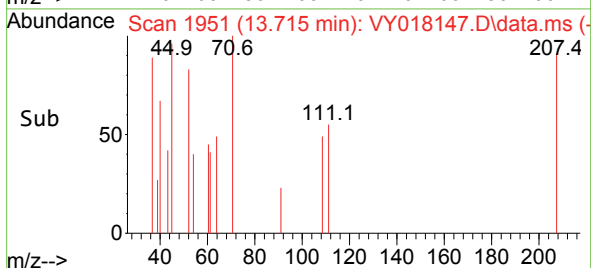
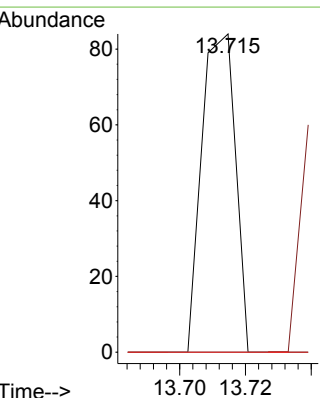
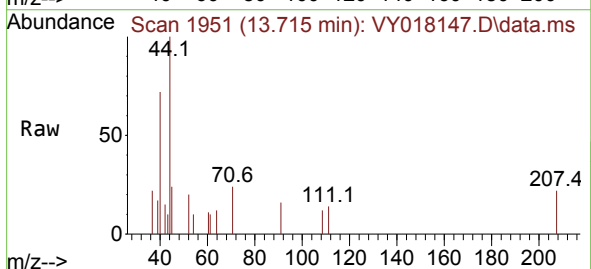
RT: 13.715 min Scan# 1951

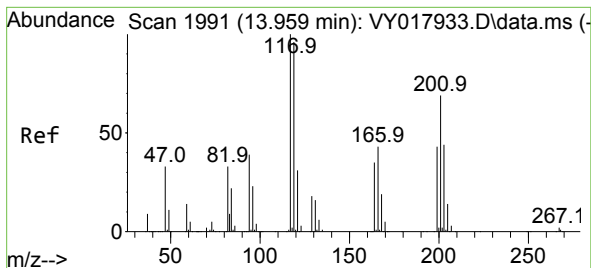
Delta R.T. 0.018 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Tgt Ion:	91	Resp:	60
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.6	79.7#
134	0.0	12.9	38.7#





#90

Hexachloroethane

Concen: 5.325 ug/l

RT: 14.062 min Scan# 20

Delta R.T. 0.104 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

Instrument :

MSVOA_Y

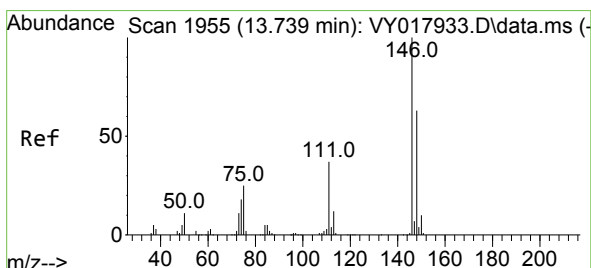
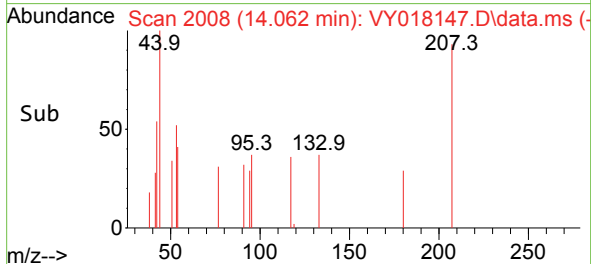
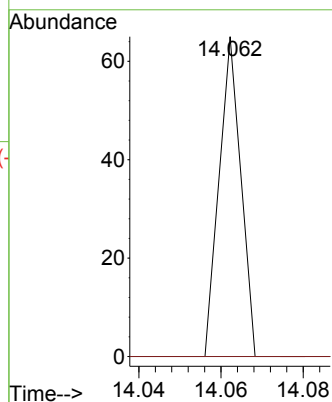
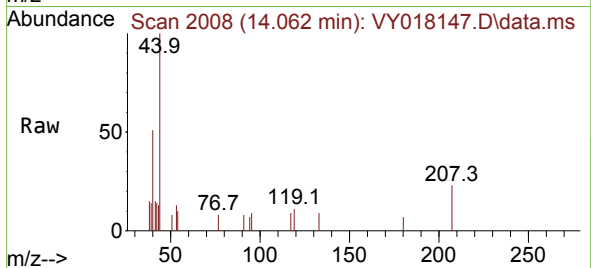
ClientSampleId :

Tgt Ion:117 Resp: 24

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#91

1,2-Dichlorobenzene

Concen: 6.329 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.232 min

Lab File: VY018147.D

Acq: 03 May 2024 16:57

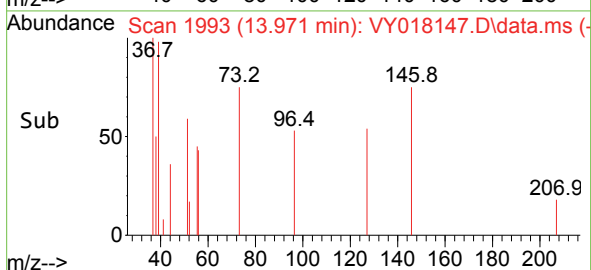
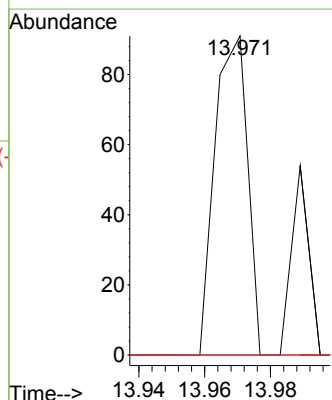
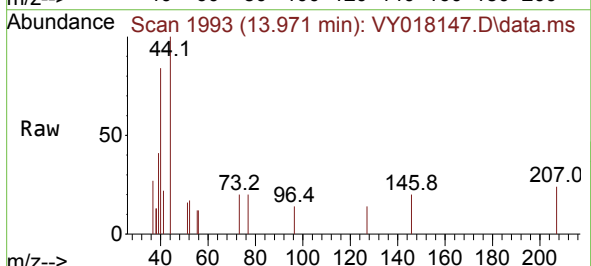
Tgt Ion:146 Resp: 63

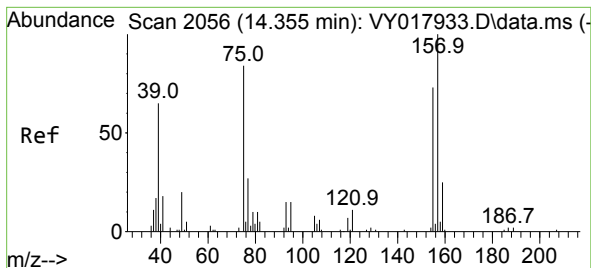
Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.7#

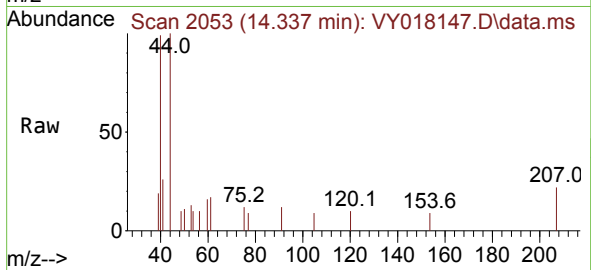
148 0.0 31.8 95.4#



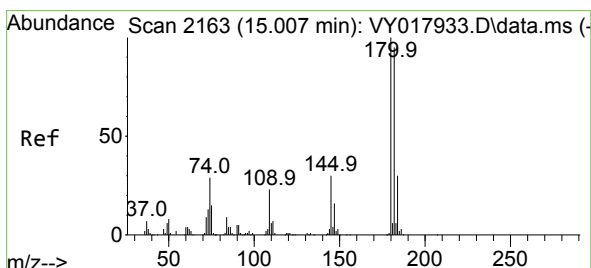
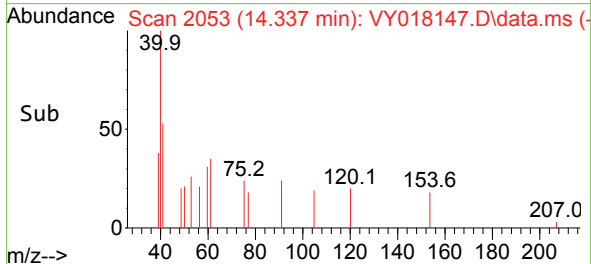
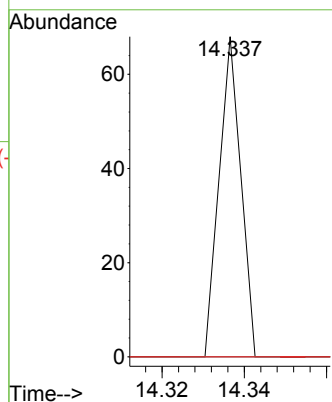


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.433 ug/l
 RT: 14.337 min Scan# 2053
 Delta R.T. -0.018 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :

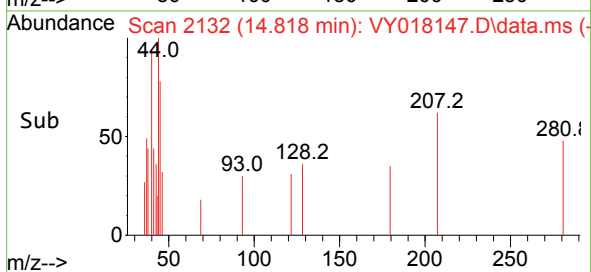
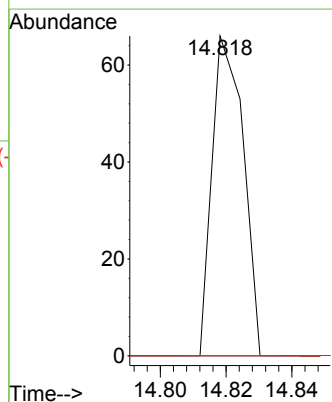
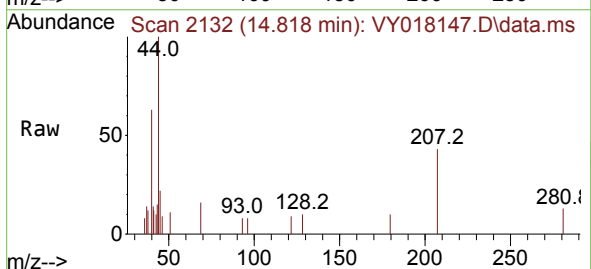


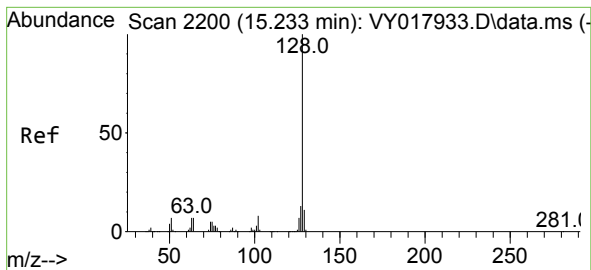
Tgt Ion: 75 Resp: 25
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 7.908 ug/l
 RT: 14.818 min Scan# 2132
 Delta R.T. -0.189 min
 Lab File: VY018147.D
 Acq: 03 May 2024 16:57

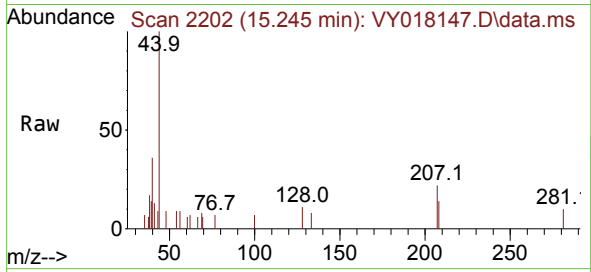
Tgt Ion: 180 Resp: 44
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 0.0 14.2 42.6#





#95
Naphthalene
Concen: 12.300 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY018147.D
Acq: 03 May 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	126
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

