

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018134.D
 Acq On : 03 May 2024 11:19
 Operator : SY/MD
 Sample : VY0503SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:54:39 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	260856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	435213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102482	49.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.710	113	121902	48.740	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.179	98	473607	48.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.477	95	155072	46.150	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	46169	22.173	ug/l	96
3) Chloromethane	2.107	50	60160	22.112	ug/l	95
4) Vinyl Chloride	2.241	62	69977	23.772	ug/l	100
5) Bromomethane	2.637	94	48460	26.671	ug/l	97
6) Chloroethane	2.784	64	44085	24.048	ug/l	100
7) Trichlorofluoromethane	3.113	101	83990	21.432	ug/l	98
8) Diethyl Ether	3.521	74	27122	21.555	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	52730	21.561	ug/l	98
10) Methyl Iodide	4.076	142	67090	20.697	ug/l	97
11) Tert butyl alcohol	4.942	59	23127	138.005	ug/l #	75
12) 1,1-Dichloroethene	3.863	96	54422	21.822	ug/l	94
13) Acrolein	3.716	56	27543	110.425	ug/l	98
14) Allyl chloride	4.466	41	70754	21.458	ug/l	97
15) Acrylonitrile	5.155	53	56912	120.412	ug/l	98
16) Acetone	3.936	43	39490	100.815	ug/l	93
17) Carbon Disulfide	4.186	76	154516	20.750	ug/l	100
18) Methyl Acetate	4.466	43	24126	24.049	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	122499	21.406	ug/l	98
20) Methylene Chloride	4.704	84	58666	21.373	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	57283	21.607	ug/l	93
22) Diisopropyl ether	6.106	45	141970	20.906	ug/l	94
23) Vinyl Acetate	6.051	43	452794	105.127	ug/l	99
24) 1,1-Dichloroethane	6.003	63	88049	21.472	ug/l	98
25) 2-Butanone	6.978	43	68345	112.153	ug/l	94
26) 2,2-Dichloropropane	6.972	77	81919	21.361	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	66866	21.149	ug/l	97
28) Bromochloromethane	7.332	49	35163	21.219	ug/l	95
29) Tetrahydrofuran	7.344	42	45254	116.813	ug/l	97
30) Chloroform	7.502	83	91037	20.980	ug/l	97
31) Cyclohexane	7.783	56	83448	21.181	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	82803	20.907	ug/l	98
36) 1,1-Dichloropropene	7.911	75	69525	20.825	ug/l	97
37) Ethyl Acetate	7.063	43	30265	20.832	ug/l #	96
38) Carbon Tetrachloride	7.899	117	75626	19.958	ug/l	95
39) Methylcyclohexane	9.179	83	98200	20.026	ug/l	98
40) Benzene	8.155	78	221610	20.658	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	22884	26.709	ug/l #	15
42) 1,2-Dichloroethane	8.234	62	47994	19.311	ug/l	96
43) Isopropyl Acetate	8.270	43	63051	20.657	ug/l	96
44) Trichloroethene	8.941	130	61032	20.061	ug/l	91
45) 1,2-Dichloropropane	9.209	63	48201	20.593	ug/l	95
46) Dibromomethane	9.301	93	28861	20.281	ug/l	97
47) Bromodichloromethane	9.490	83	68570	19.627	ug/l	98
48) Methyl methacrylate	9.289	41	28573	20.450	ug/l	93
49) 1,4-Dioxane	9.301	88	7621	482.700	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	157747	105.817	ug/l	97
52) Toluene	10.240	92	140439	19.780	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	65516	19.409	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	79286	19.993	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	38994	20.373	ug/l	95
56) Ethyl methacrylate	10.508	69	54931	20.299	ug/l	93
57) 1,3-Dichloropropane	10.788	76	64620	21.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	124481	98.540	ug/l	94
59) 2-Hexanone	10.831	43	111131	104.448	ug/l	95
60) Dibromochloromethane	10.983	129	50652	19.484	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37417	20.401	ug/l	100
64) Tetrachloroethene	10.715	164	52327	19.699	ug/l	97
65) Chlorobenzene	11.514	112	157497	20.334	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	51160	19.635	ug/l	98
67) Ethyl Benzene	11.593	91	264867	20.391	ug/l	94
68) m/p-Xylenes	11.703	106	211817	40.698	ug/l	96
69) o-Xylene	12.026	106	101445	20.289	ug/l	94
70) Styrene	12.044	104	171674	20.400	ug/l	97
71) Bromoform	12.209	173	30409	19.916	ug/l #	93
73) Isopropylbenzene	12.331	105	261214	20.063	ug/l	98
74) N-amyl acetate	12.142	43	57255	20.036	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	43633	21.061	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	53936	37.150	ug/l #	100
77) Bromobenzene	12.605	156	61809	19.979	ug/l	92
78) n-propylbenzene	12.672	91	300650	20.053	ug/l	96
79) 2-Chlorotoluene	12.757	91	167015	19.614	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	206771	19.705	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	16054	20.145	ug/l	97
82) 4-Chlorotoluene	12.855	91	171064	19.605	ug/l	96
83) tert-Butylbenzene	13.074	119	192705	20.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	205401	19.981	ug/l	97
85) sec-Butylbenzene	13.251	105	278455	20.198	ug/l	97
86) p-Isopropyltoluene	13.367	119	231718	20.169	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	119267	20.156	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	118071	20.245	ug/l	98
89) n-Butylbenzene	13.696	91	211320	20.784	ug/l	98
90) Hexachloroethane	13.958	117	46098	19.749	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	104675	20.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6293	20.137	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	63059	21.883	ug/l	99
94) Hexachlorobutadiene	15.111	225	32448	20.342	ug/l	97
95) Naphthalene	15.233	128	116206	21.901	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	53332	22.179	ug/l	99

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QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

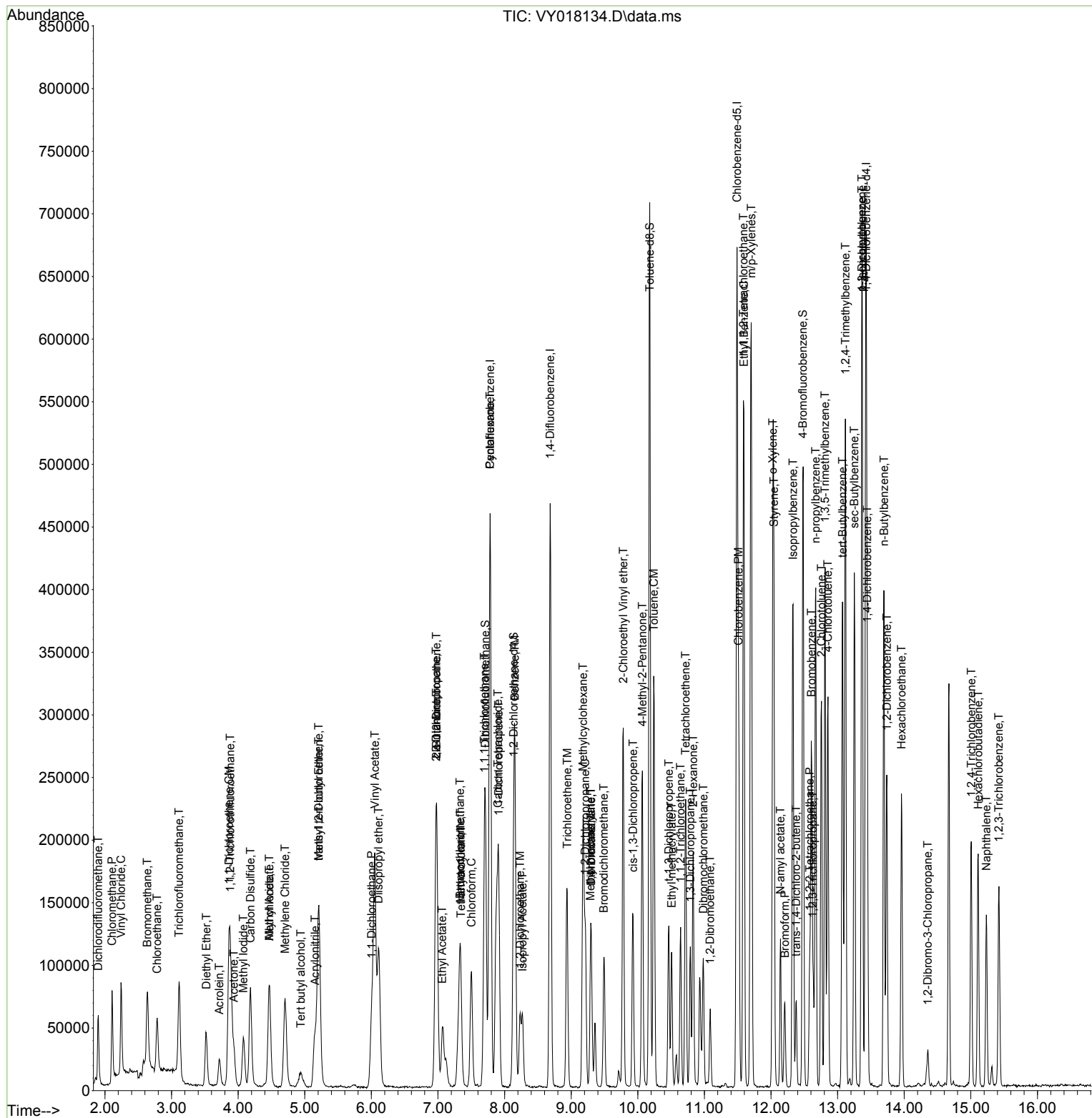
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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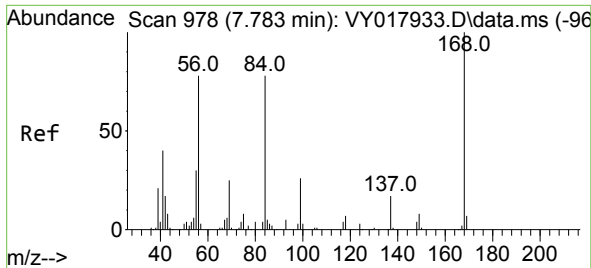
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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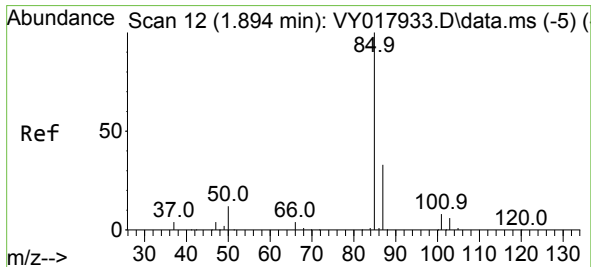
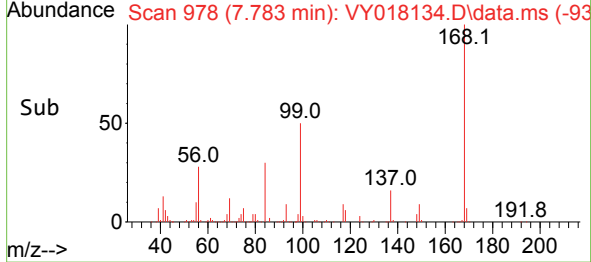
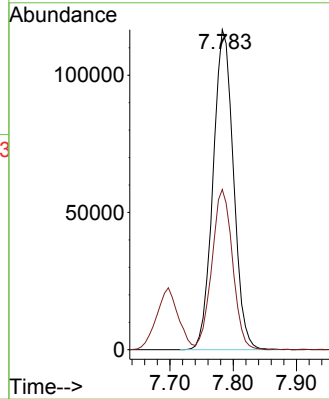
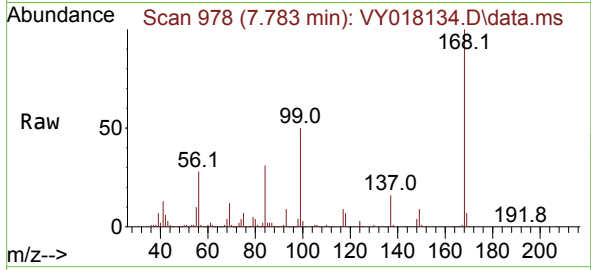




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018134.D
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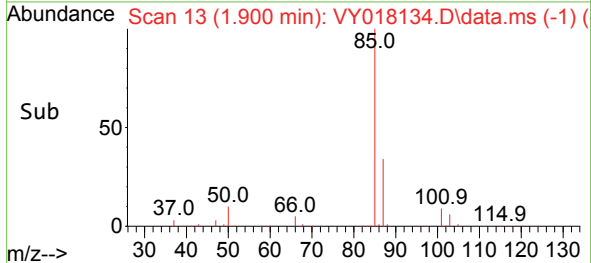
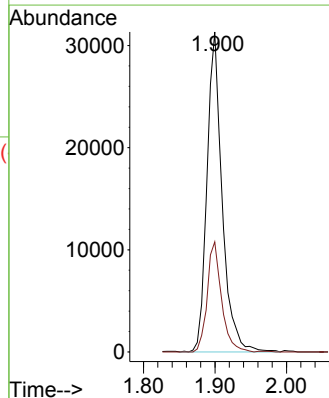
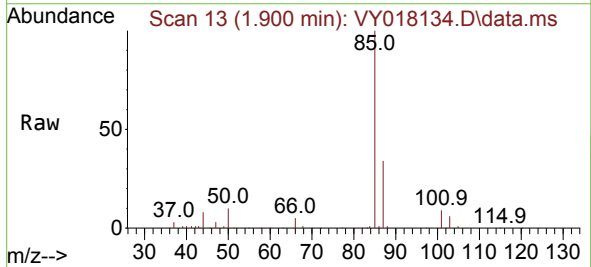
Instrument :
MSVOA_Y
ClientSampleId :

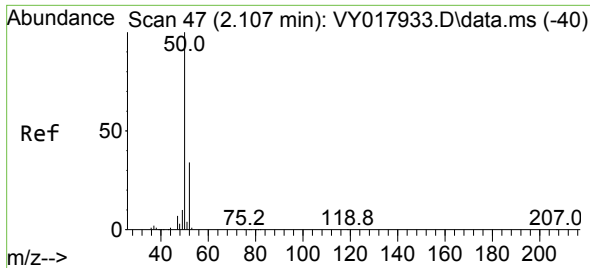
Tgt Ion:168 Resp: 260856
Ion Ratio Lower Upper
168 100
99 50.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.173 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 85 Resp: 46169
Ion Ratio Lower Upper
85 100
87 34.4 16.0 48.0

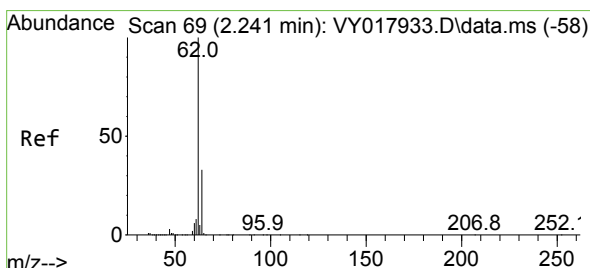
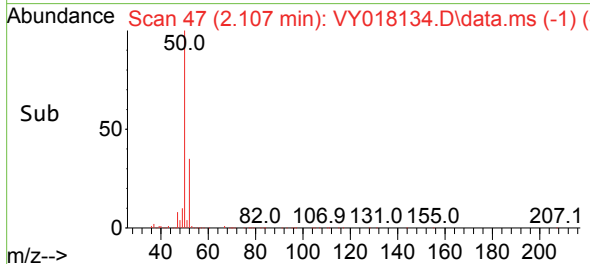
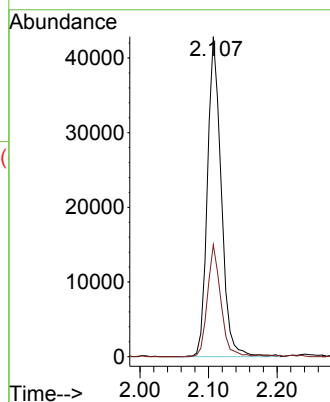
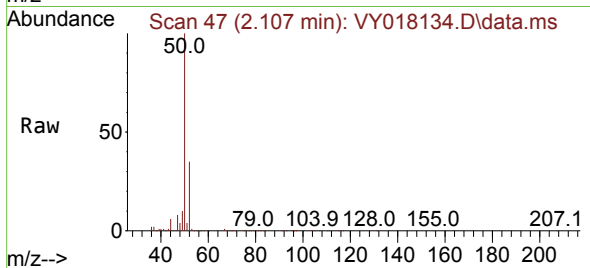




#3
Chloromethane
Concen: 22.112 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

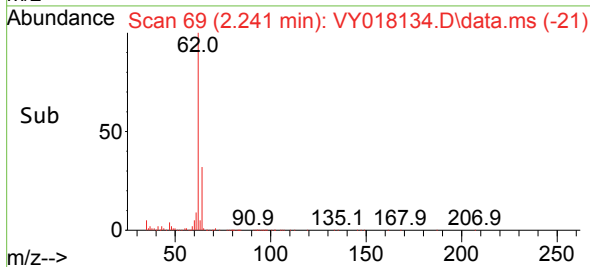
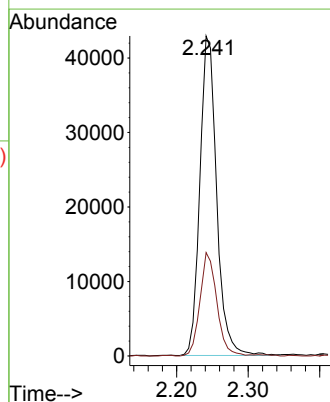
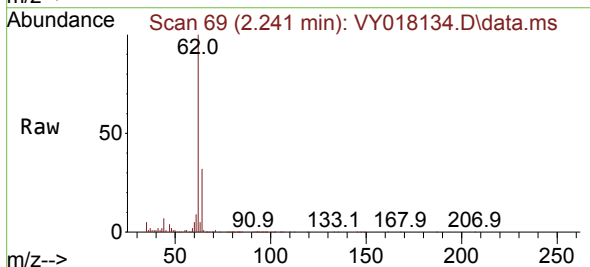
Instrument :
MSVOA_Y
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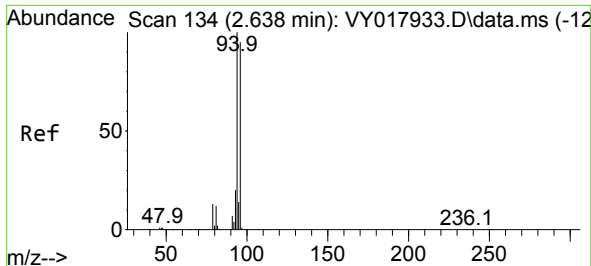
Tgt Ion: 50 Resp: 60160
Ion Ratio Lower Upper
50 100
52 35.0 25.6 38.4



#4
Vinyl Chloride
Concen: 23.772 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 62 Resp: 69977
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1

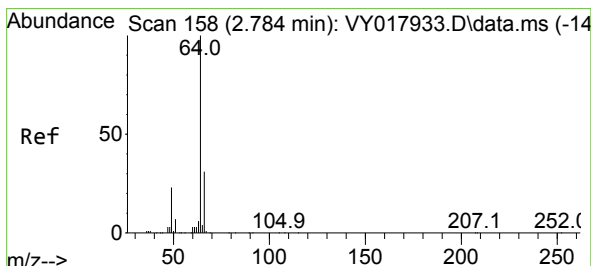
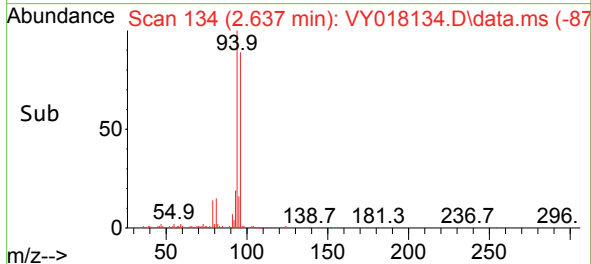
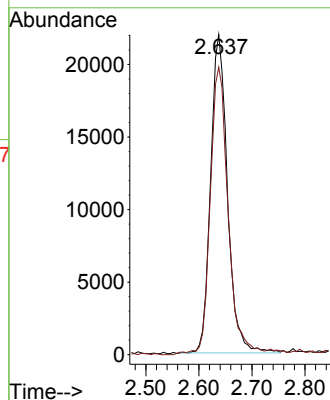
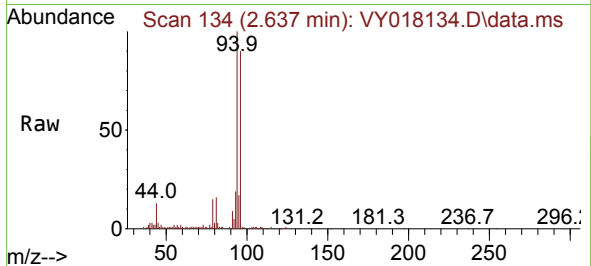




#5
Bromomethane
Concen: 26.671 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018134.D
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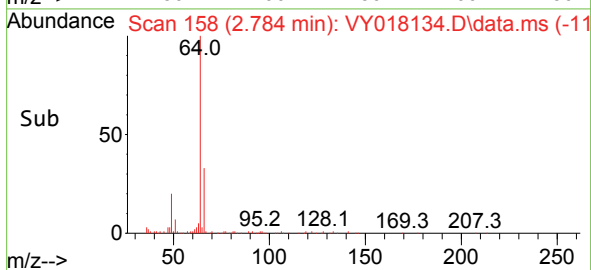
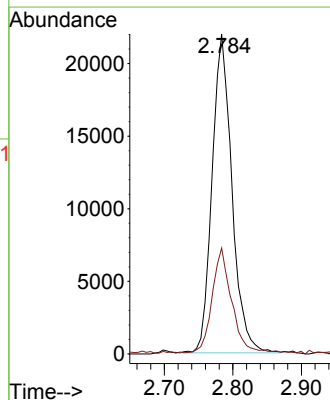
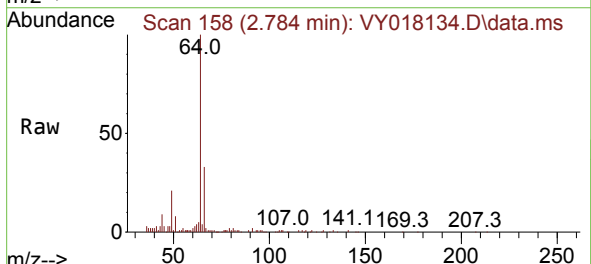
Instrument :
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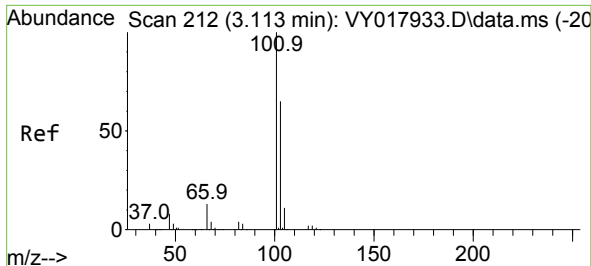
Tgt Ion: 94 Resp: 48460
Ion Ratio Lower Upper
94 100
96 89.6 74.1 111.1



#6
Chloroethane
Concen: 24.048 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 44085
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1

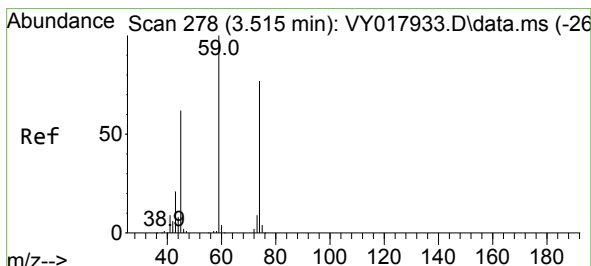
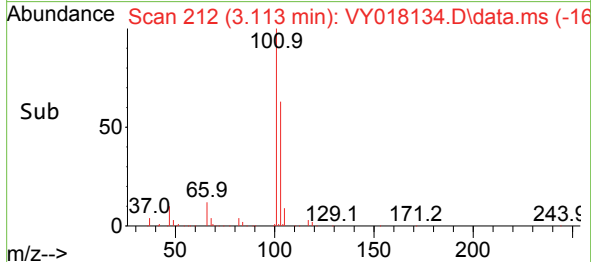
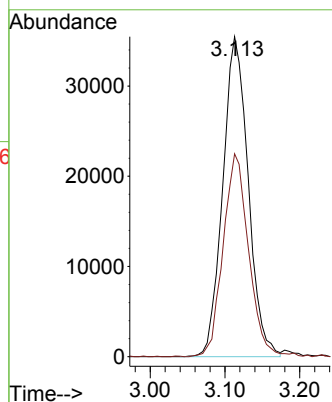
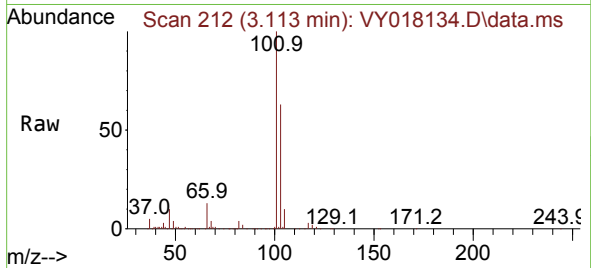




#7
 Trichlorofluoromethane
 Concen: 21.432 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VY018134.D
 Acq: 03 May 2024 11:19

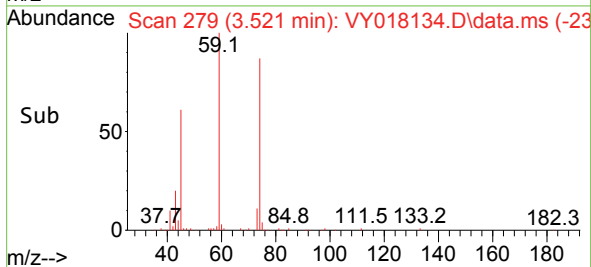
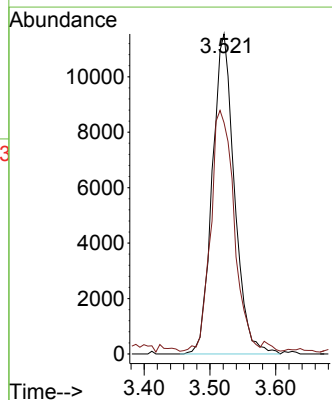
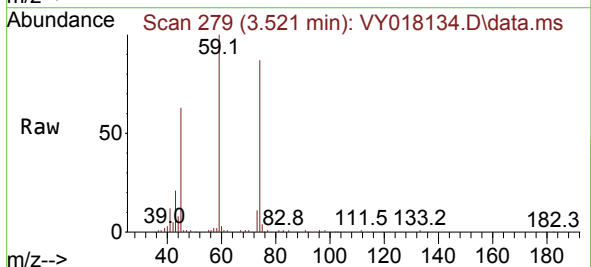
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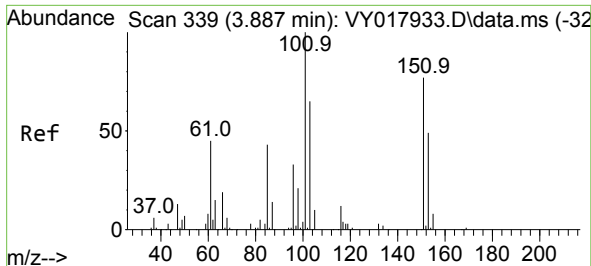
Tgt Ion:101 Resp: 83990
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.555 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 27122
 Ion Ratio Lower Upper
 74 100
 45 79.5 41.3 124.1

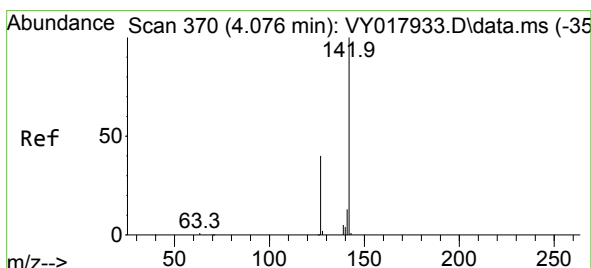
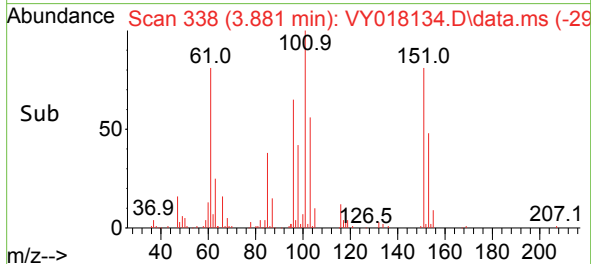
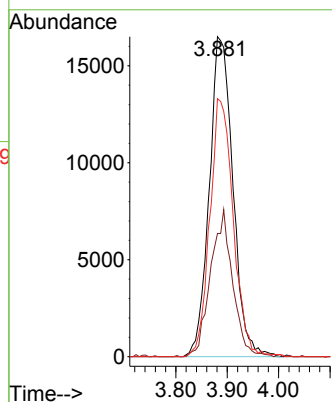
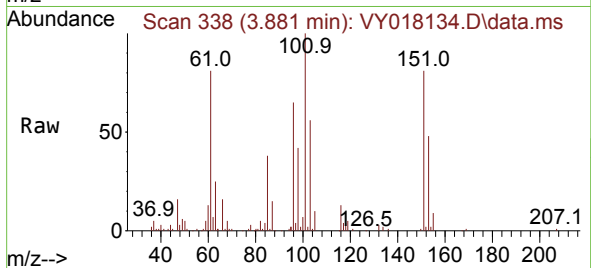




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.561 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

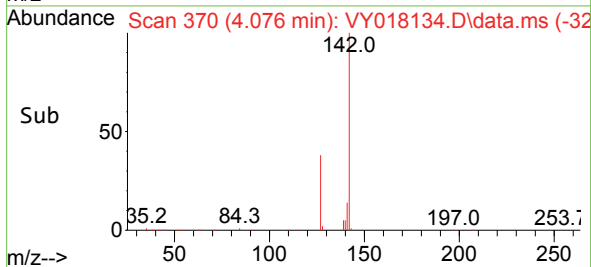
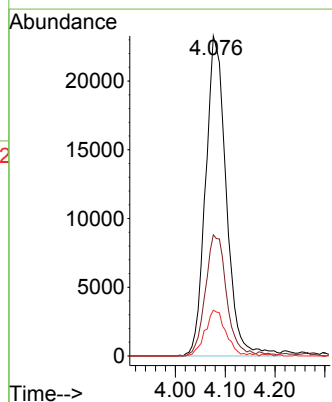
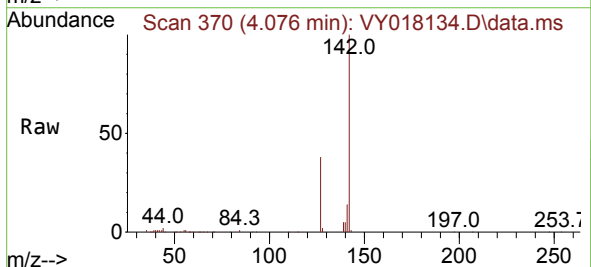
Instrument :
MSVOA_Y
ClientSampleId :

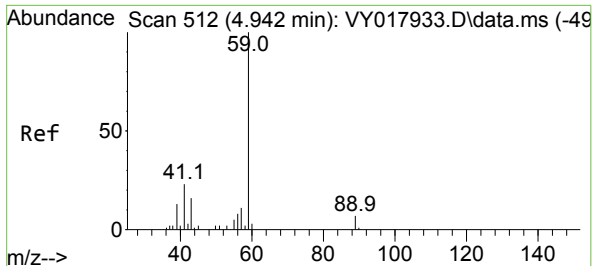
Tgt Ion:101 Resp: 52730
Ion Ratio Lower Upper
101 100
85 42.9 34.5 51.7
151 80.1 61.7 92.5



#10
Methyl Iodide
Concen: 20.697 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

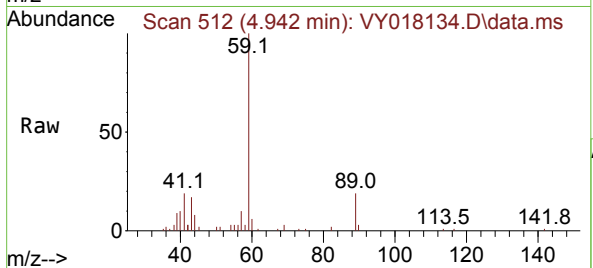
Tgt Ion:142 Resp: 67090
Ion Ratio Lower Upper
142 100
127 38.7 32.8 49.2
141 14.3 11.4 17.2



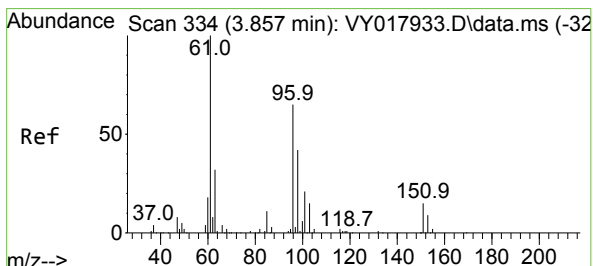
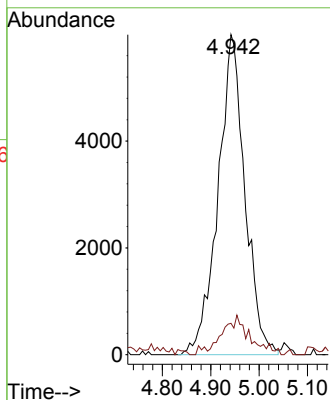
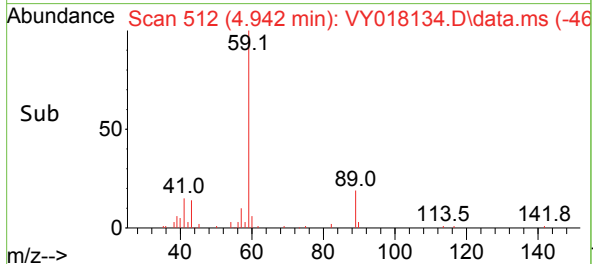


#11
Tert butyl alcohol
Concen: 138.005 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

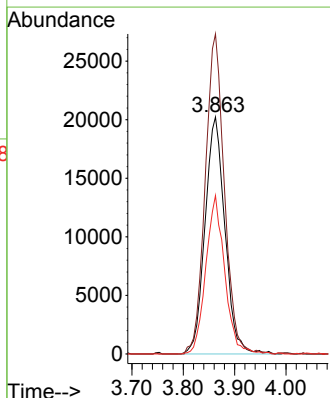
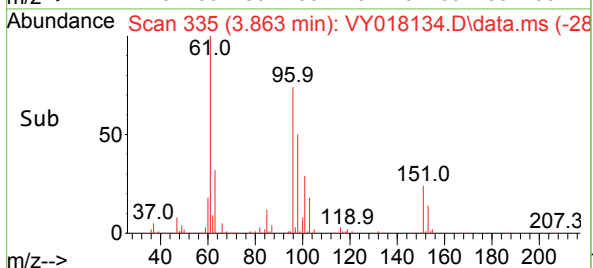
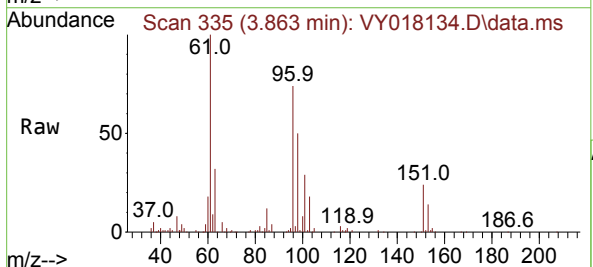


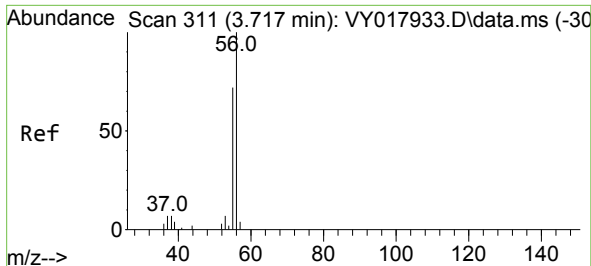
Tgt Ion: 59 Resp: 23127
Ion Ratio Lower Upper
59 100
57 12.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.822 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 96 Resp: 54422
Ion Ratio Lower Upper
96 100
61 135.1 114.6 171.8
98 66.9 50.8 76.2

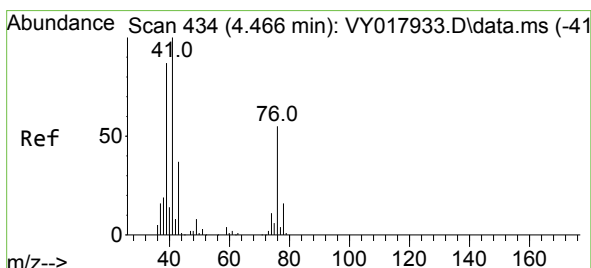
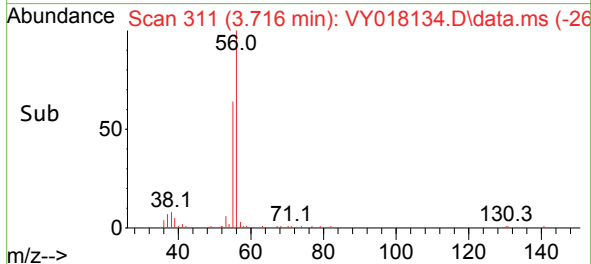
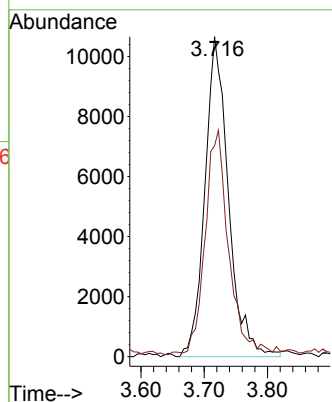
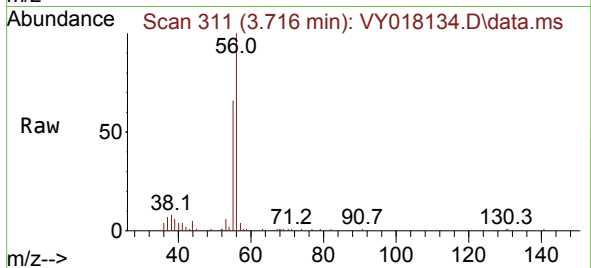




#13
Acrolein
Concen: 110.425 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.013 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

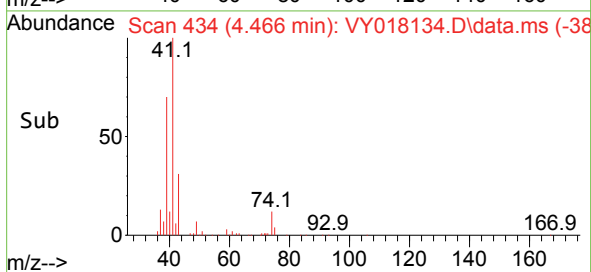
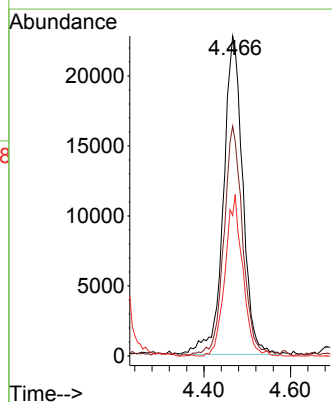
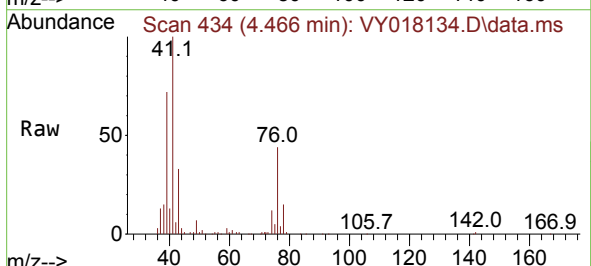
Instrument :
MSVOA_Y
ClientSampleId :

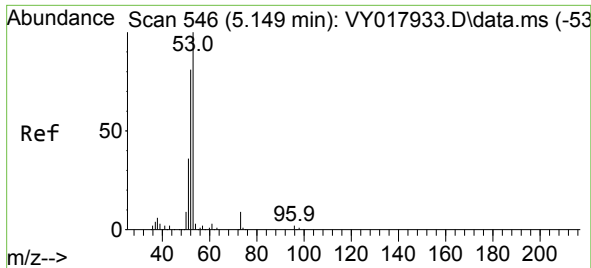
Tgt Ion: 56 Resp: 27543
Ion Ratio Lower Upper
56 100
55 67.6 55.7 83.5



#14
Allyl chloride
Concen: 21.458 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

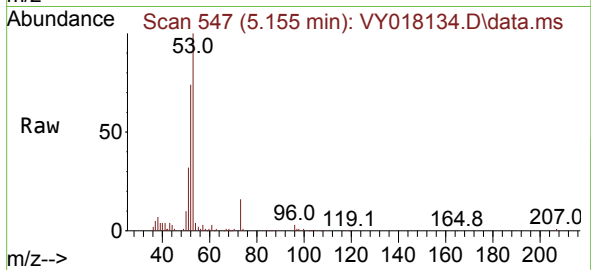
Tgt Ion: 41 Resp: 70754
Ion Ratio Lower Upper
41 100
39 70.8 58.3 87.5
76 46.0 39.0 58.6



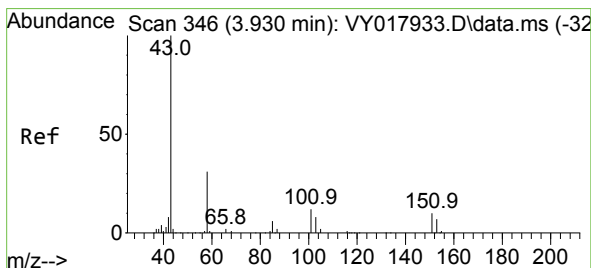
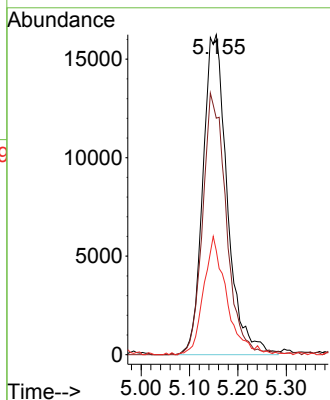
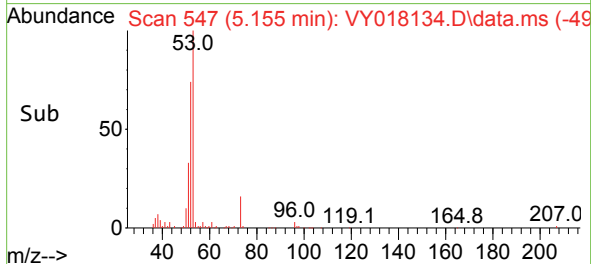


#15
Acrylonitrile
Concen: 120.412 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

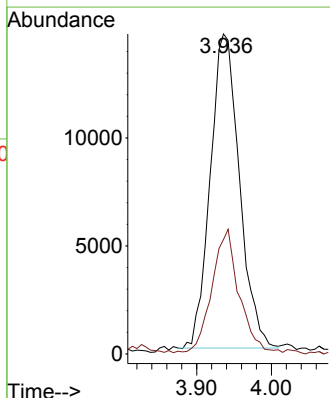
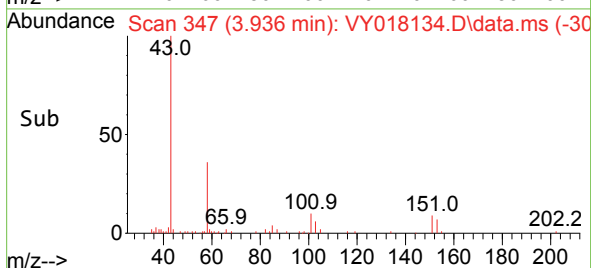
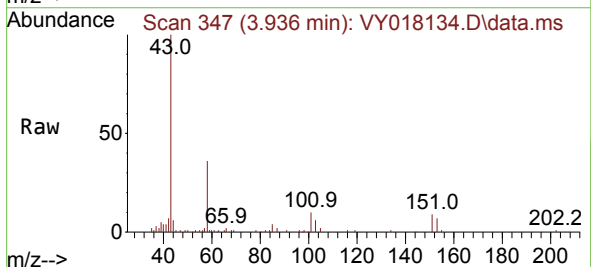


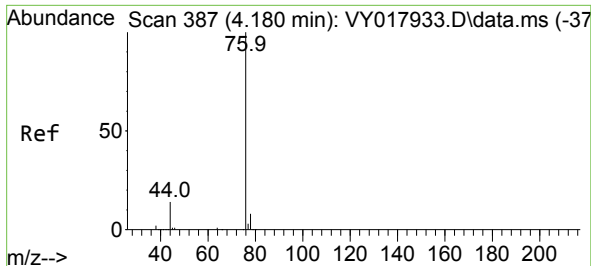
Tgt Ion: 53 Resp: 56912
Ion Ratio Lower Upper
53 100
52 78.5 64.7 97.1
51 35.1 28.4 42.6



#16
Acetone
Concen: 100.815 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 43 Resp: 39490
Ion Ratio Lower Upper
43 100
58 35.6 31.7 47.5

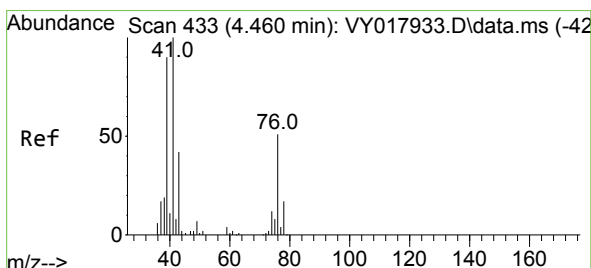
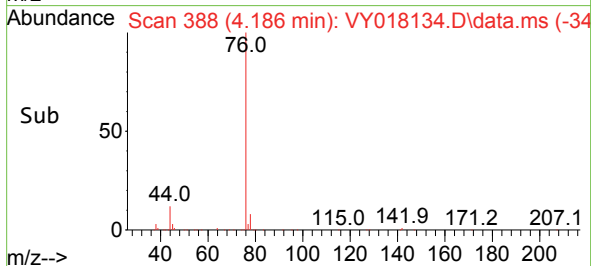
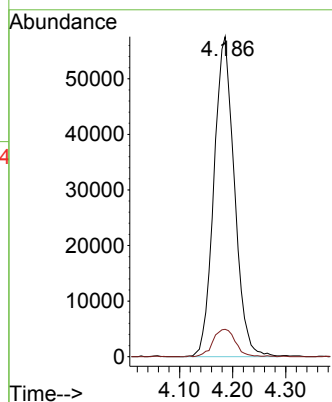
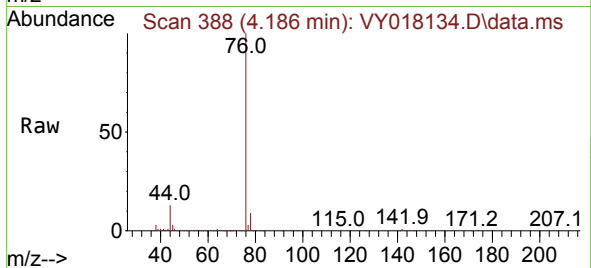




#17
Carbon Disulfide
Concen: 20.750 ug/l
RT: 4.186 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

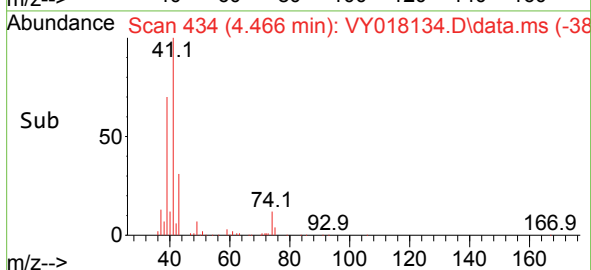
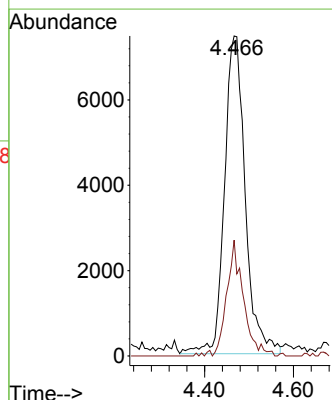
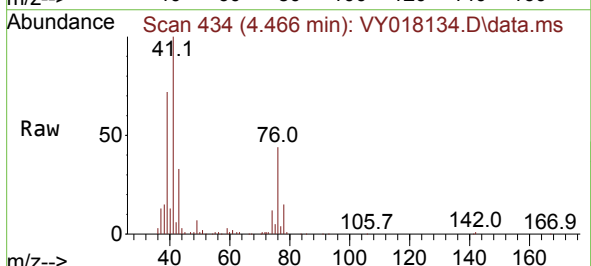
Instrument :
MSVOA_Y
ClientSampleId :

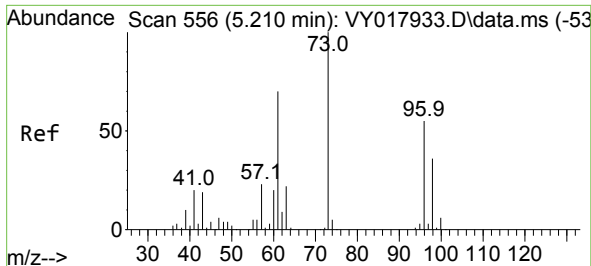
Tgt Ion: 76 Resp: 154516
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 24.049 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 43 Resp: 24126
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9

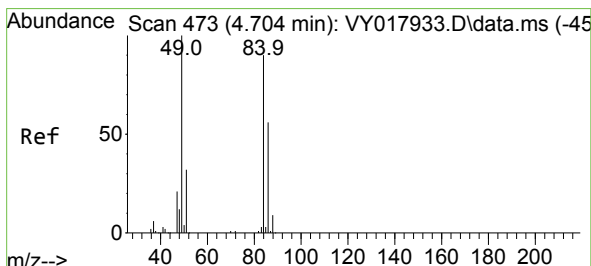
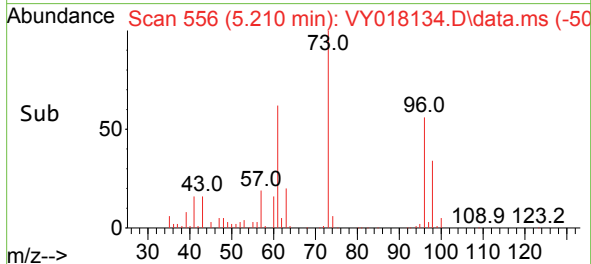
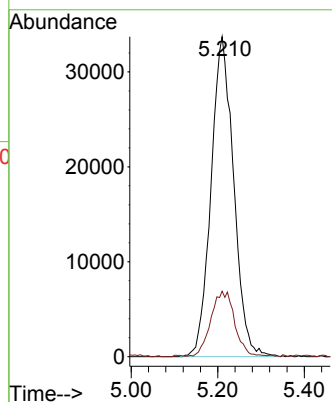
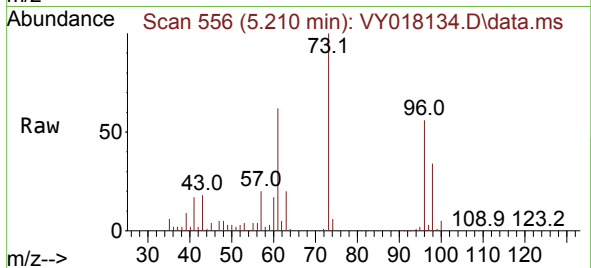




#19
Methyl tert-butyl Ether
Concen: 21.406 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

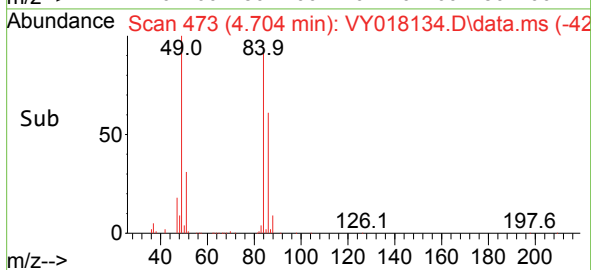
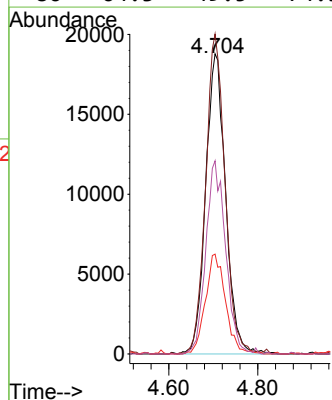
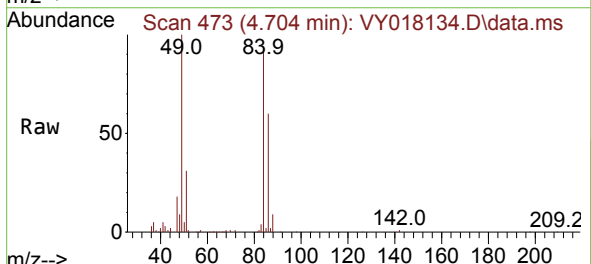
Instrument :
MSVOA_Y
ClientSampleId :

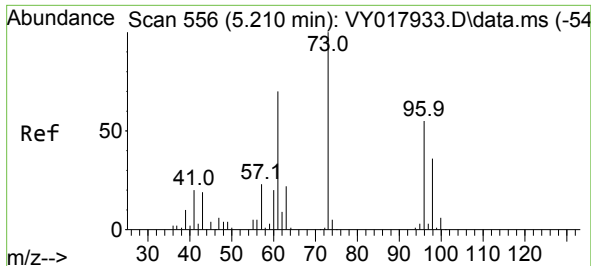
Tgt Ion: 73 Resp: 122499
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 21.373 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 84 Resp: 58666
Ion Ratio Lower Upper
84 100
49 106.6 84.4 126.6
51 33.2 26.0 39.0
86 64.3 49.5 74.3

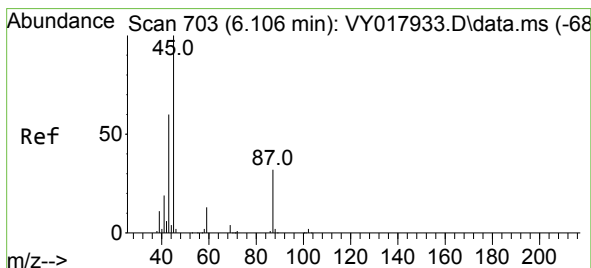
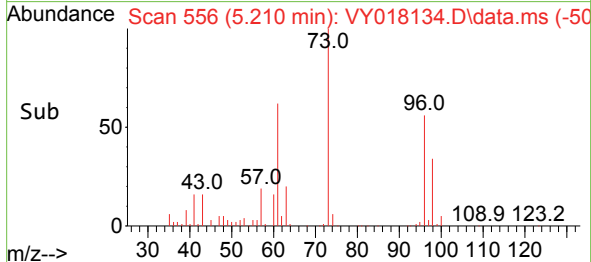
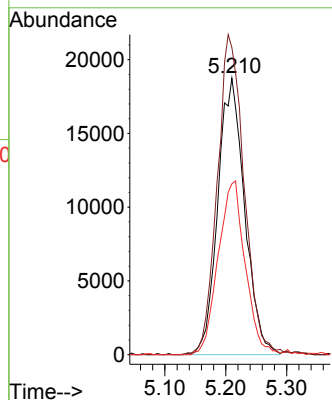
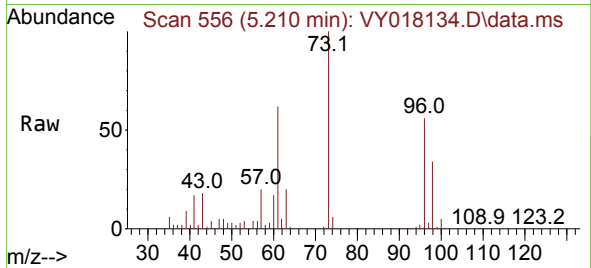




#21
trans-1,2-Dichloroethene
Concen: 21.607 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

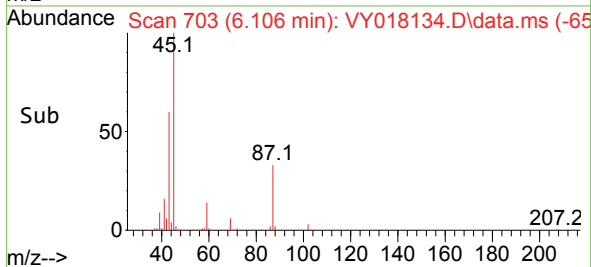
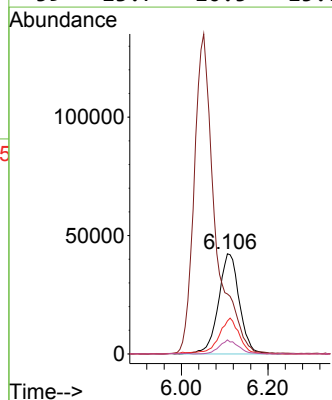
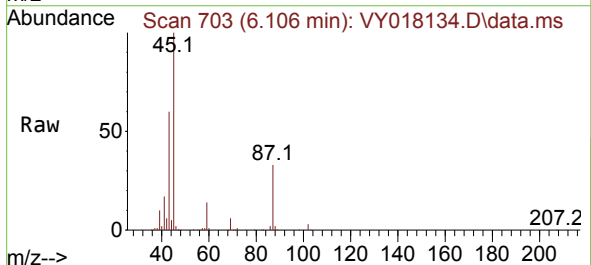
Instrument :
MSVOA_Y
ClientSampleId :

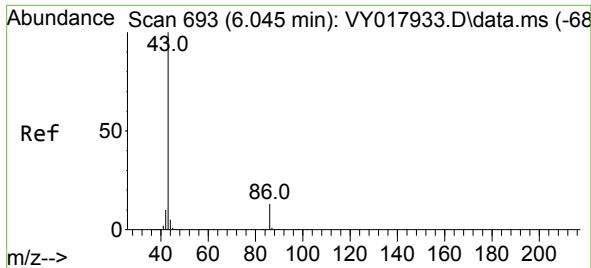
Tgt Ion: 96 Resp: 57283
Ion Ratio Lower Upper
96 100
61 111.1 97.5 146.3
98 61.8 50.5 75.7



#22
Diisopropyl ether
Concen: 20.906 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 45 Resp: 141970
Ion Ratio Lower Upper
45 100
43 59.2 42.2 63.2
87 32.7 25.0 37.6
59 13.7 10.5 15.7

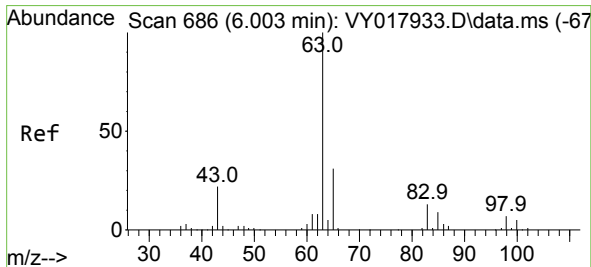
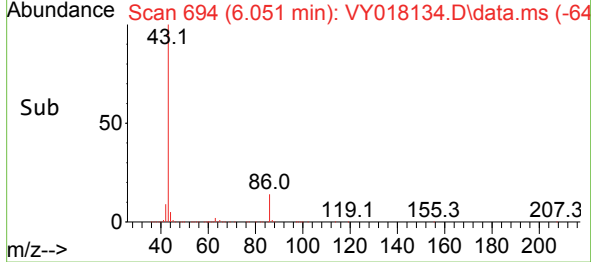
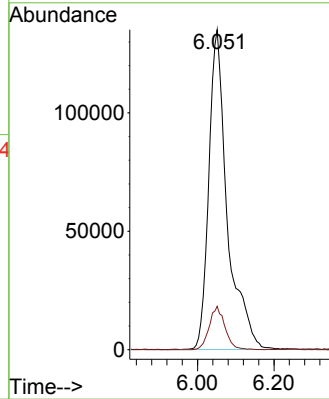
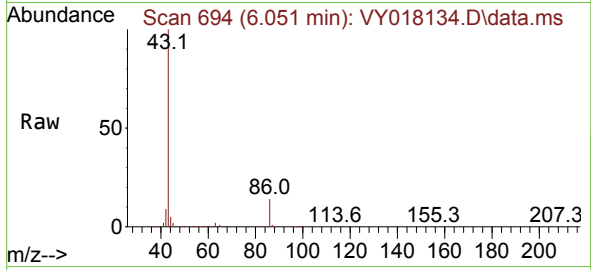




#23
 Vinyl Acetate
 Concen: 105.127 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. -0.013 min
 Lab File: VY018134.D
 Acq: 03 May 2024 11:19

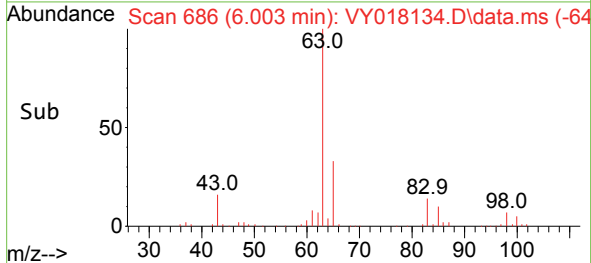
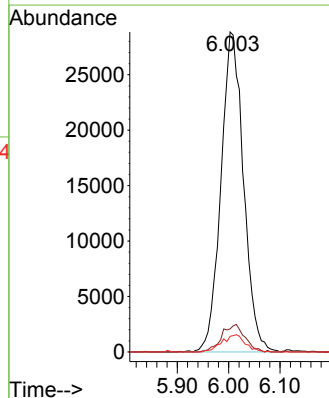
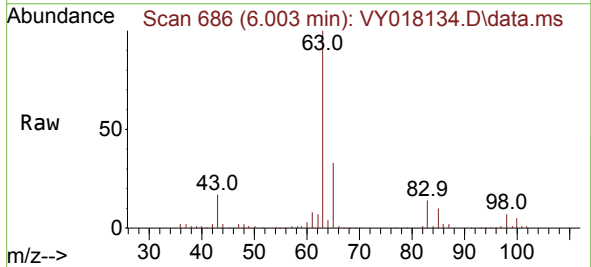
Instrument :
 MSVOA_Y
 ClientSampleId :

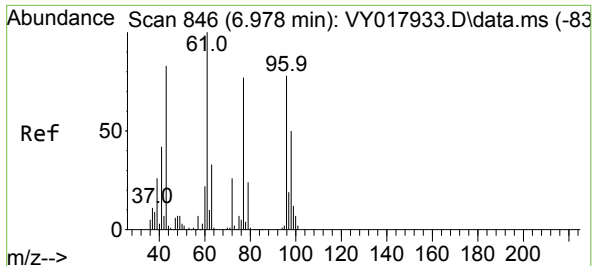
Tgt Ion: 43 Resp: 452794
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.472 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.018 min
 Lab File: VY018134.D
 Acq: 03 May 2024 11:19

Tgt Ion: 63 Resp: 88049
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 112.153 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

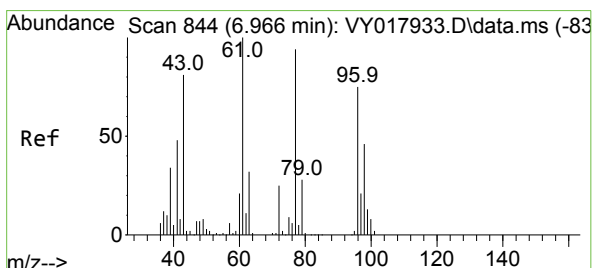
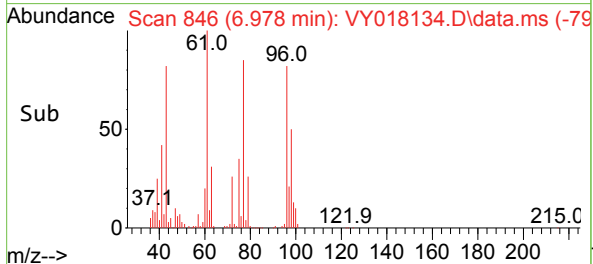
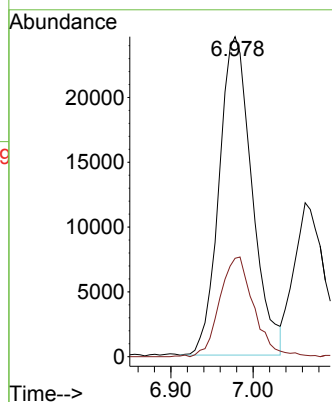
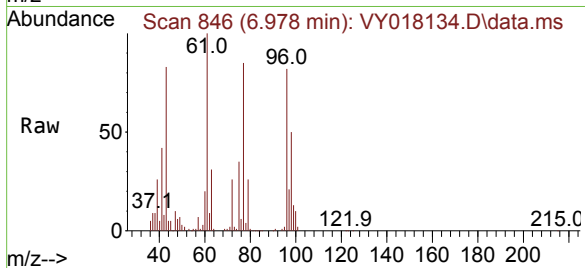
ClientSampleId :

Tgt Ion: 43 Resp: 68345

Ion Ratio Lower Upper

43 100

72 30.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.361 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018134.D

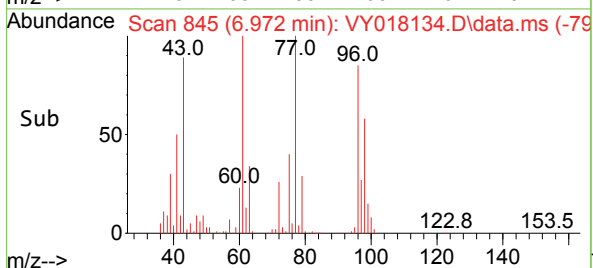
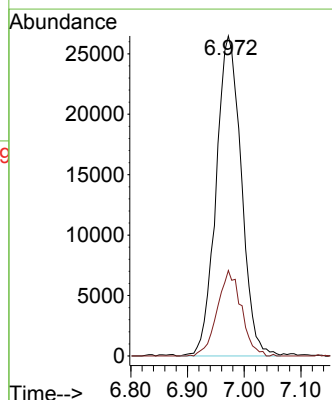
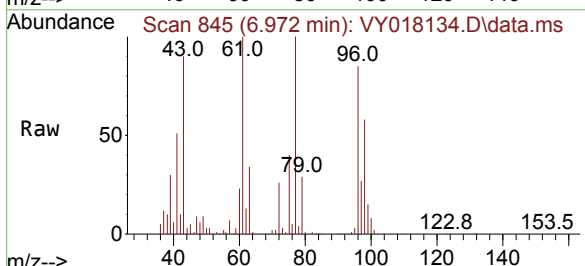
Acq: 03 May 2024 11:19

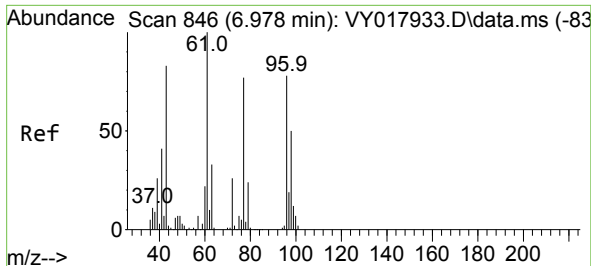
Tgt Ion: 77 Resp: 81919

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.149 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

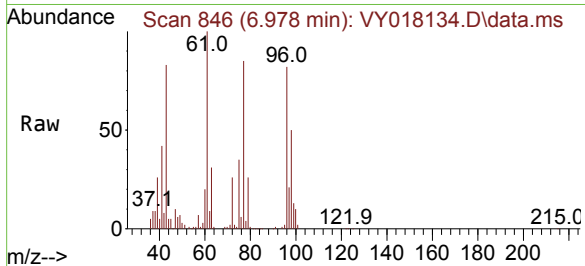
Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



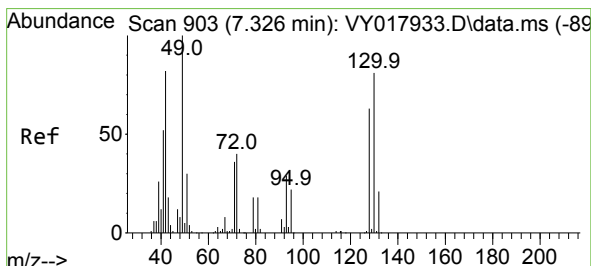
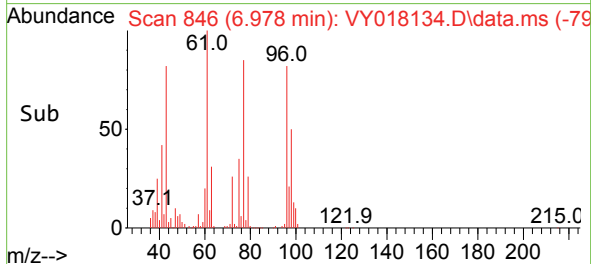
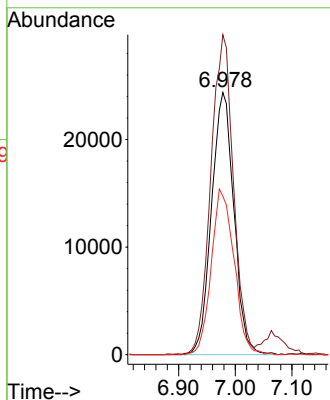
Tgt Ion: 96 Resp: 66866

Ion Ratio Lower Upper

96 100

61 122.9 0.0 256.2

98 64.2 0.0 130.0



#28

Bromochloromethane

Concen: 21.219 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

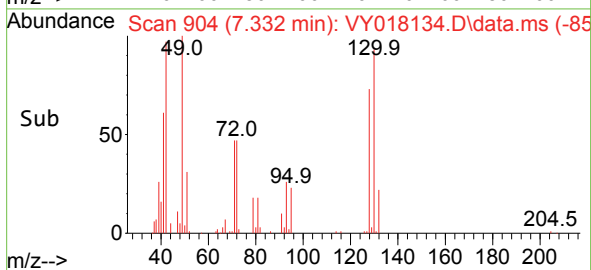
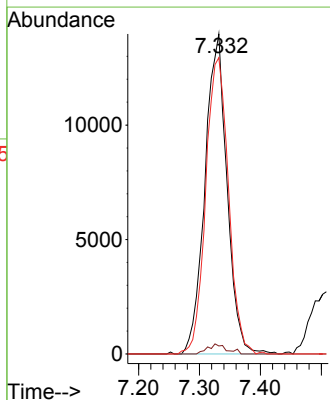
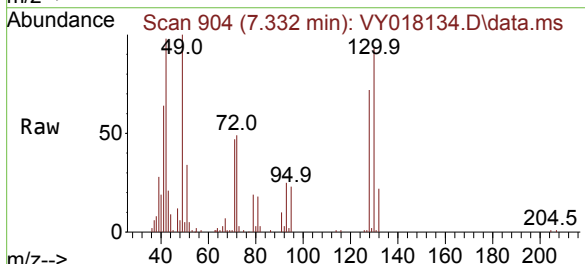
Tgt Ion: 49 Resp: 35163

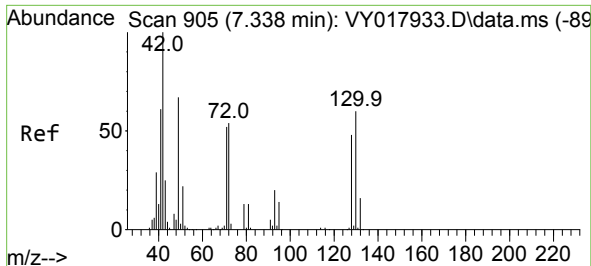
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 95.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 116.813 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

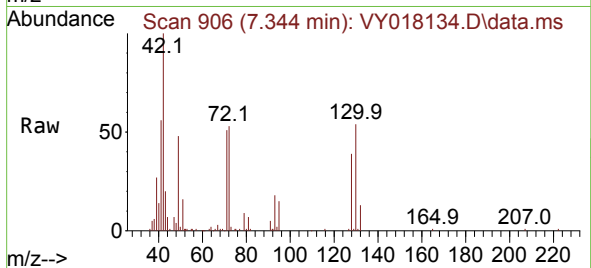
Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



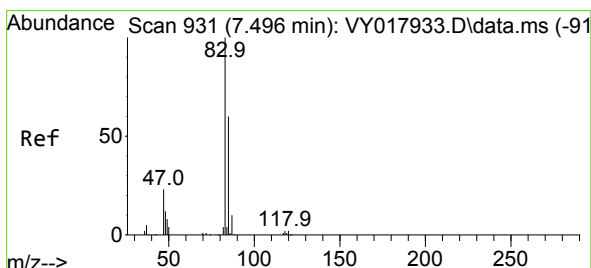
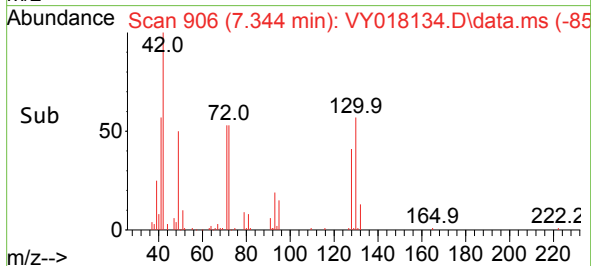
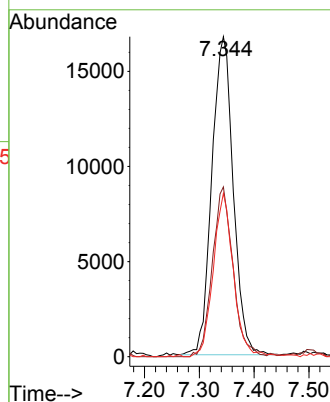
Tgt Ion: 42 Resp: 45254

Ion Ratio Lower Upper

42 100

72 51.3 43.0 64.4

71 48.5 40.8 61.2



#30

Chloroform

Concen: 20.980 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY018134.D

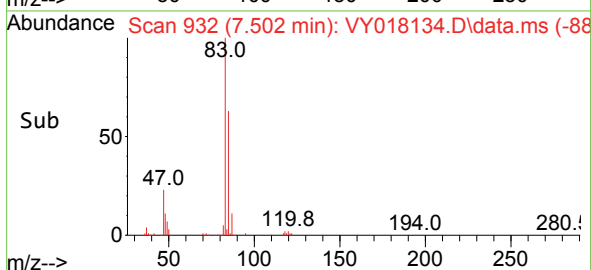
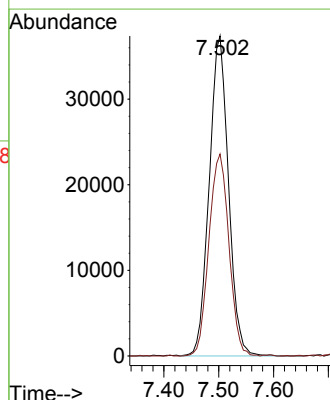
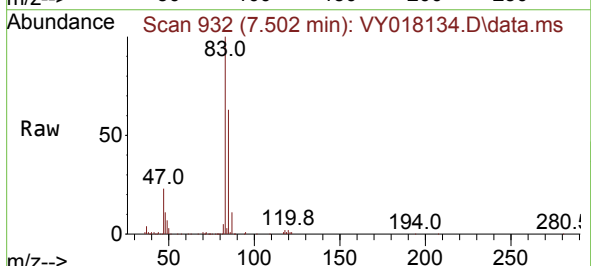
Acq: 03 May 2024 11:19

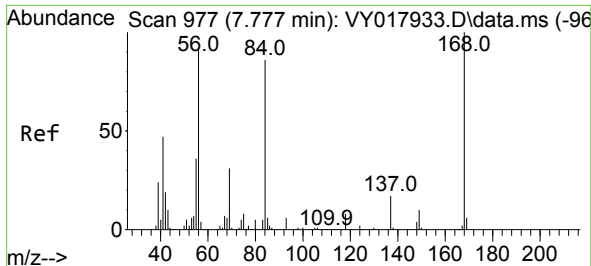
Tgt Ion: 83 Resp: 91037

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

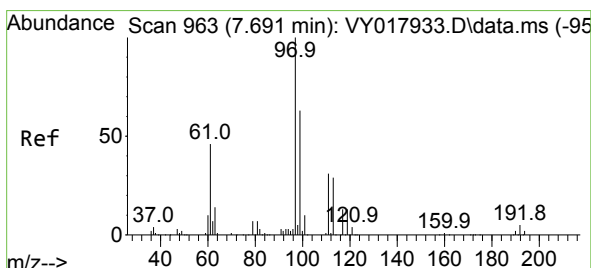
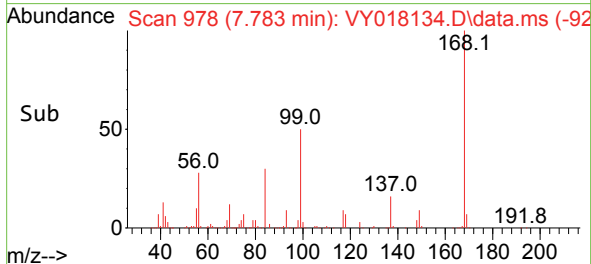
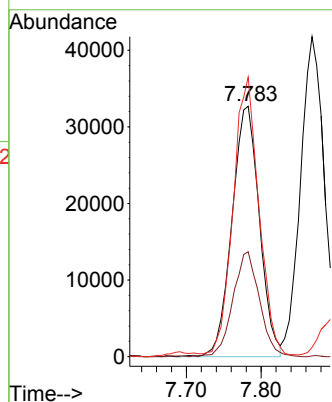
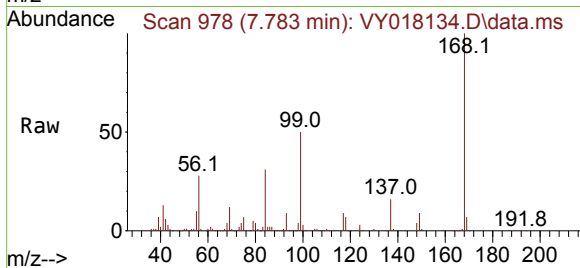




#31
Cyclohexane
Concen: 21.181 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

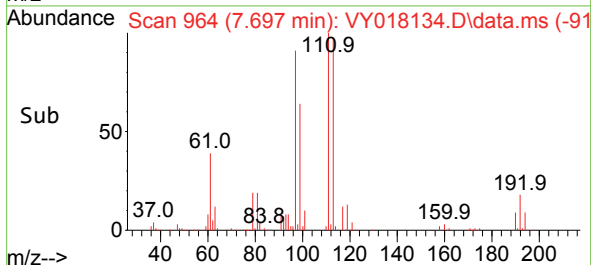
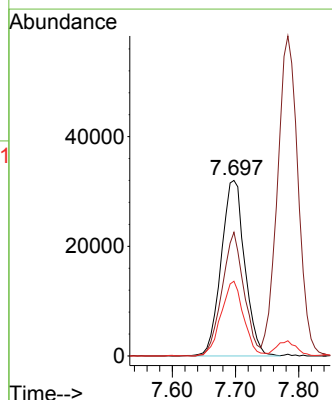
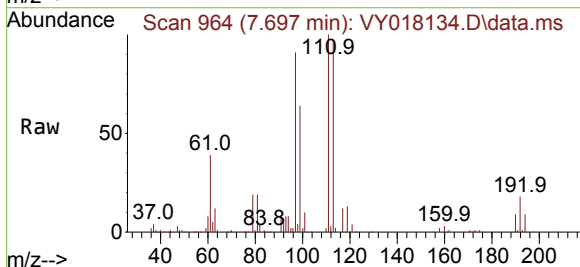
Instrument :
MSVOA_Y
ClientSampleId :

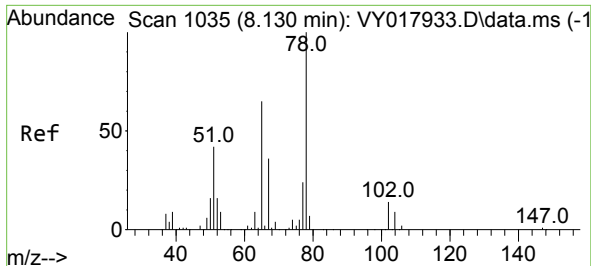
Tgt Ion: 56 Resp: 83448
Ion Ratio Lower Upper
56 100
69 41.6 28.7 43.1
84 109.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.907 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 97 Resp: 82803
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 40.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.841 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

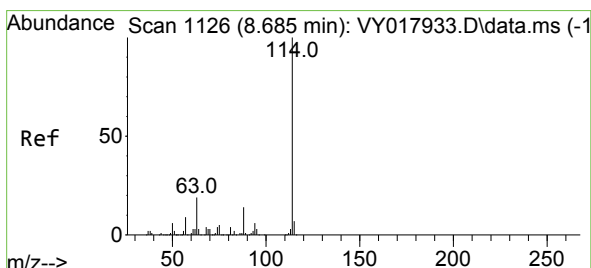
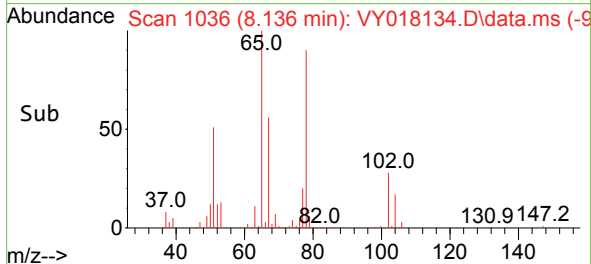
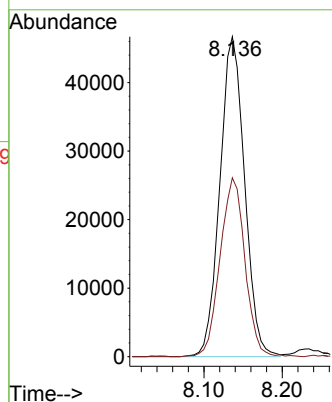
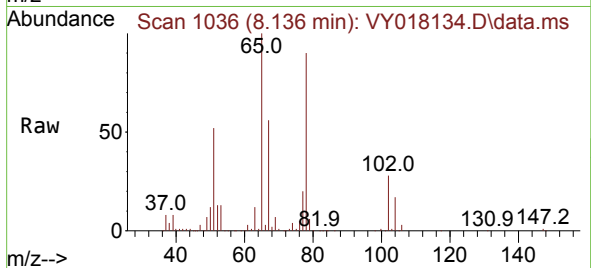
ClientSampleId :

Tgt Ion: 65 Resp: 102482

Ion Ratio Lower Upper

65 100

67 56.3 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: VY018134.D

Acq: 03 May 2024 11:19

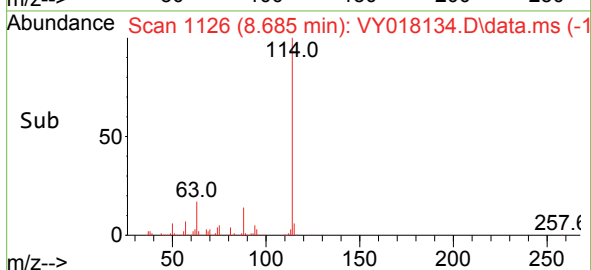
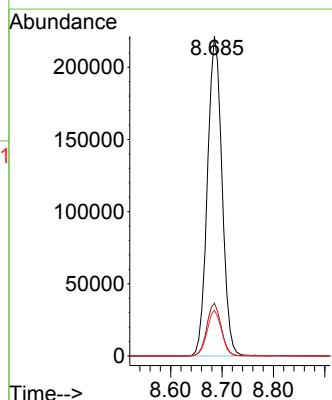
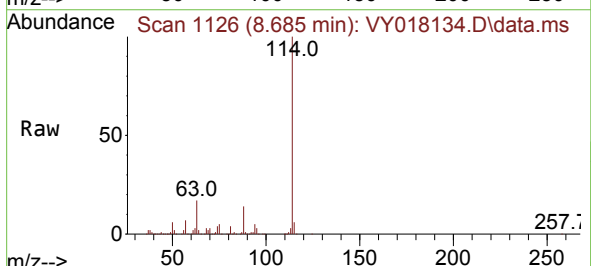
Tgt Ion: 114 Resp: 435213

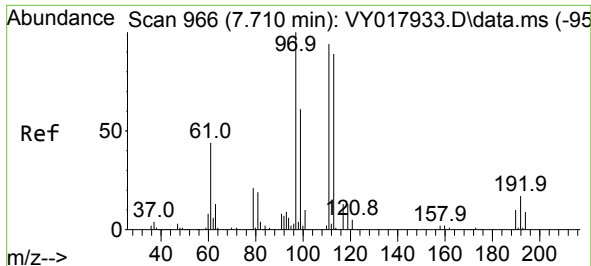
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.3 0.0 27.2

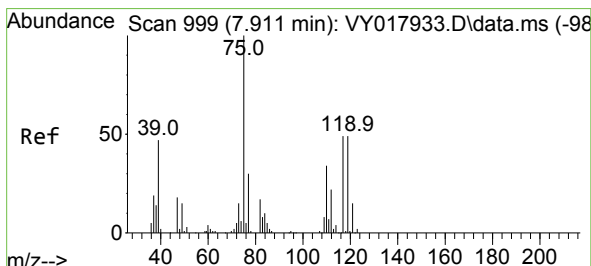
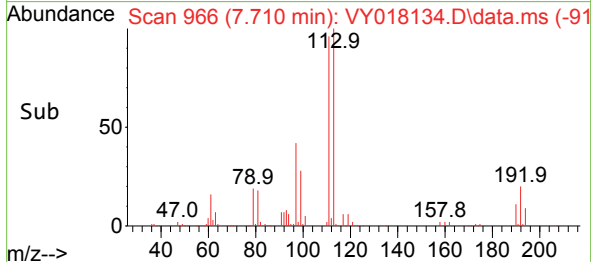
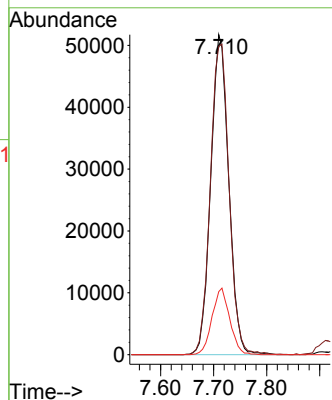
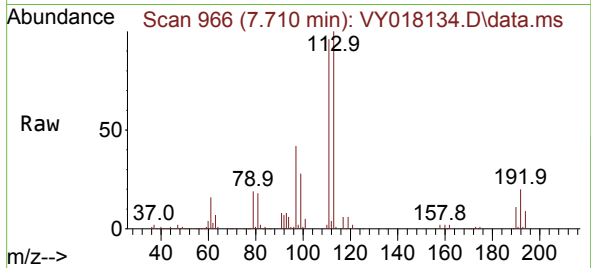




#35
Dibromofluoromethane
Concen: 48.740 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

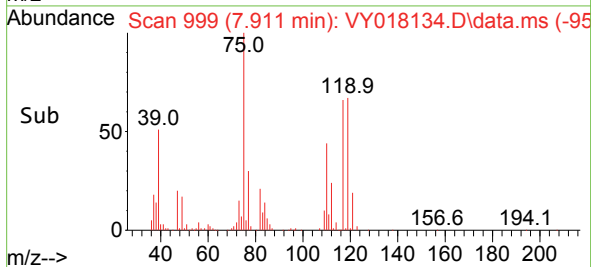
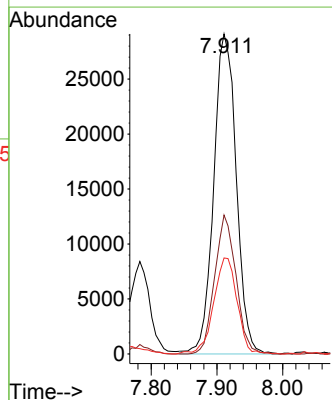
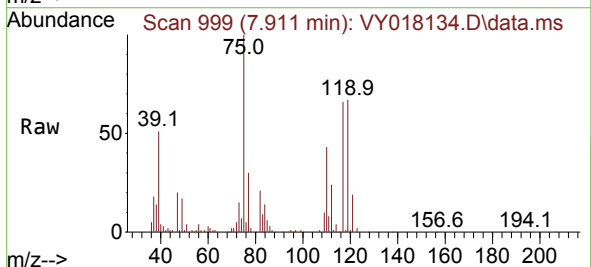
Instrument :
MSVOA_Y
ClientSampleId :

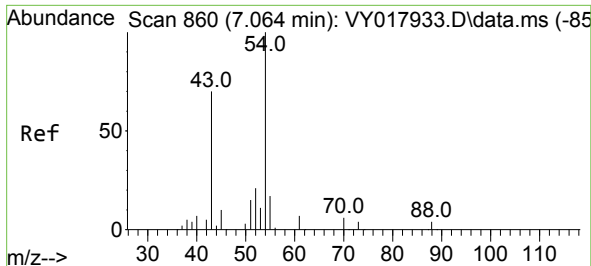
Tgt Ion:113 Resp: 121902
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.825 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

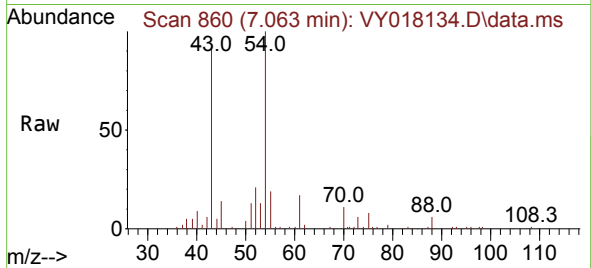
Tgt Ion: 75 Resp: 69525
Ion Ratio Lower Upper
75 100
110 41.1 19.0 57.0
77 31.2 25.3 37.9



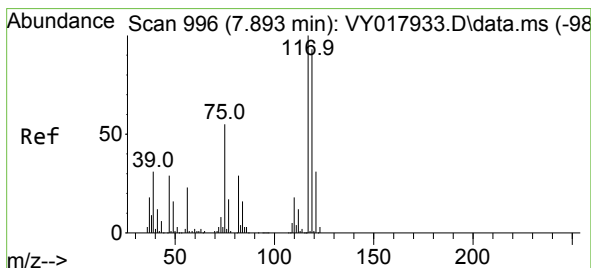
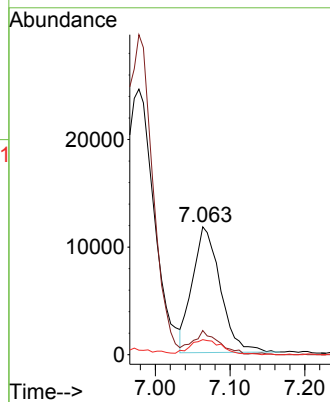
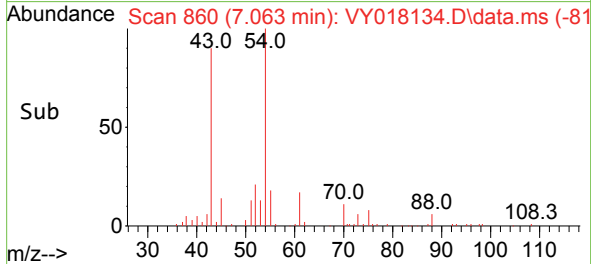


#37
Ethyl Acetate
Concen: 20.832 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.013 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

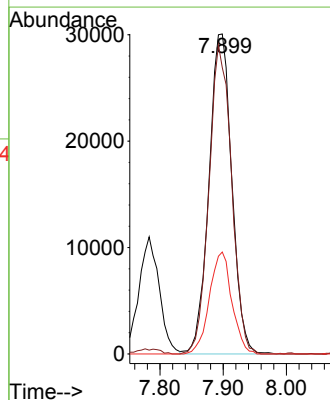
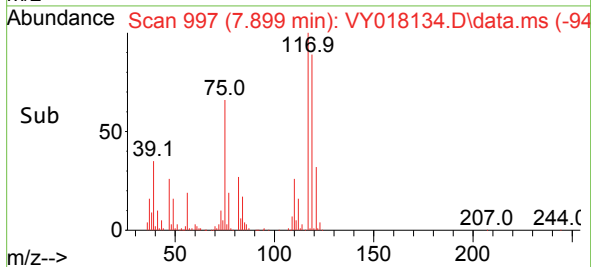
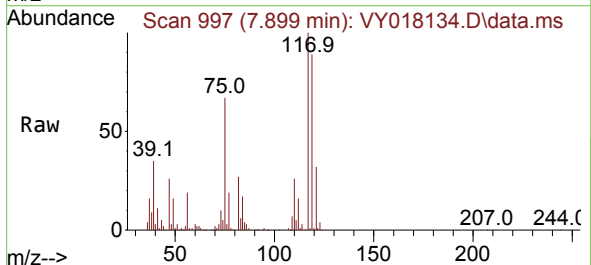


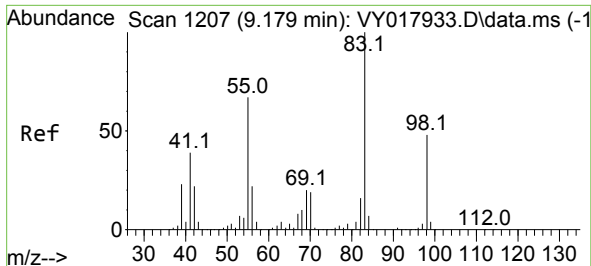
Tgt Ion: 43 Resp: 30265
Ion Ratio Lower Upper
43 100
61 17.1 12.6 19.0
70 12.1 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 19.958 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 117 Resp: 75626
Ion Ratio Lower Upper
117 100
119 89.5 75.8 113.6
121 31.8 24.0 36.0





#39

Methylcyclohexane

Concen: 20.026 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

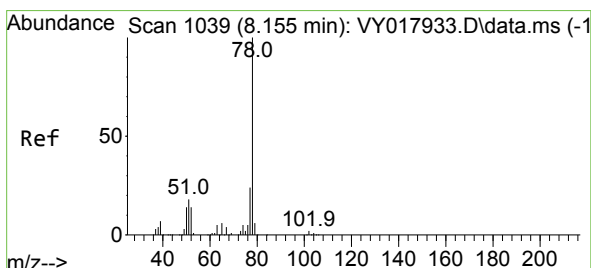
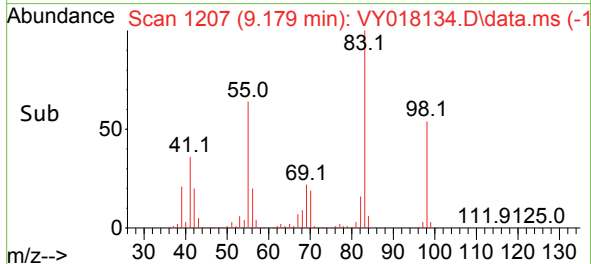
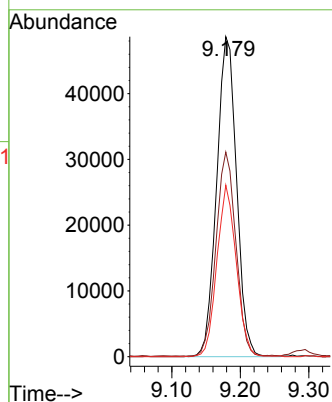
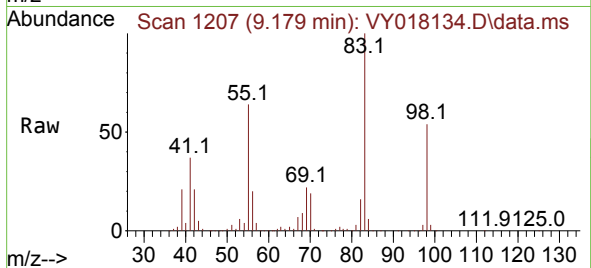
Tgt Ion: 83 Resp: 98200

Ion Ratio Lower Upper

83 100

55 63.7 51.5 77.3

98 53.6 40.5 60.7



#40

Benzene

Concen: 20.658 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY018134.D

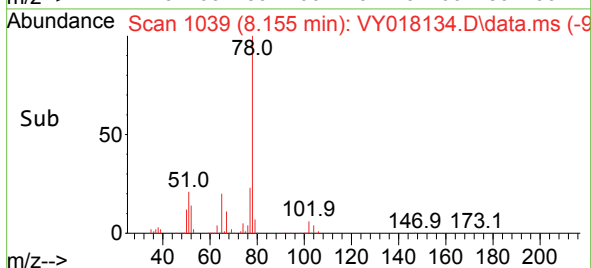
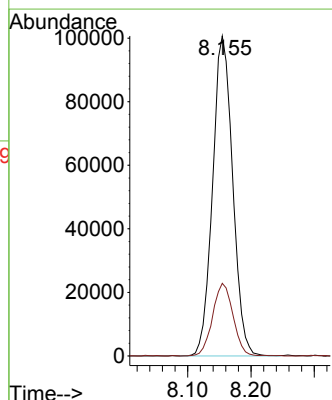
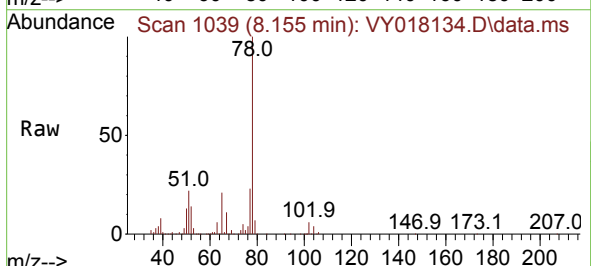
Acq: 03 May 2024 11:19

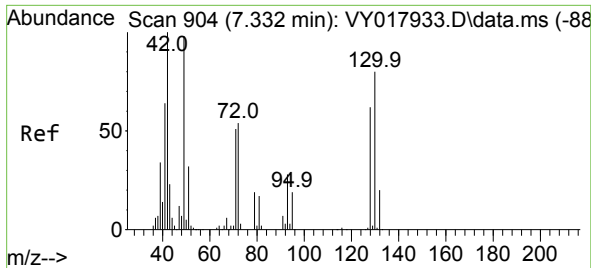
Tgt Ion: 78 Resp: 221610

Ion Ratio Lower Upper

78 100

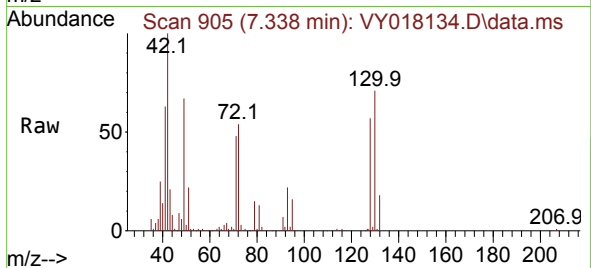
77 22.7 19.5 29.3



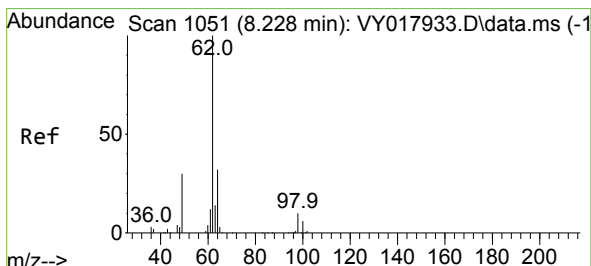
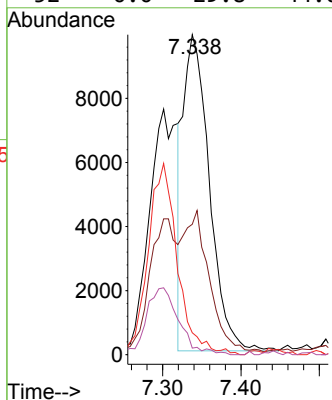
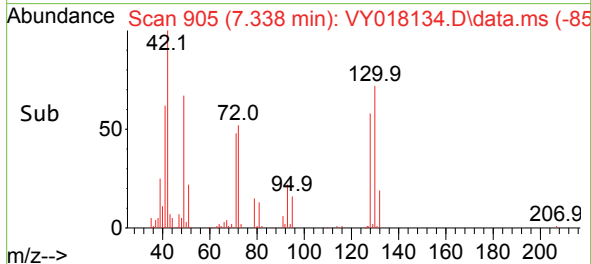


#41
Methacrylonitrile
Concen: 26.709 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

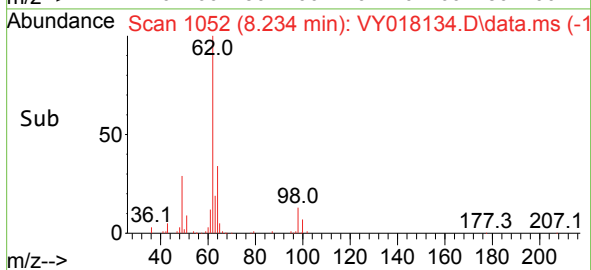
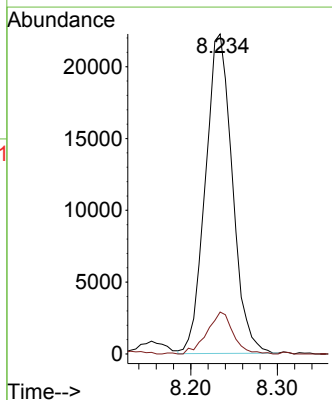
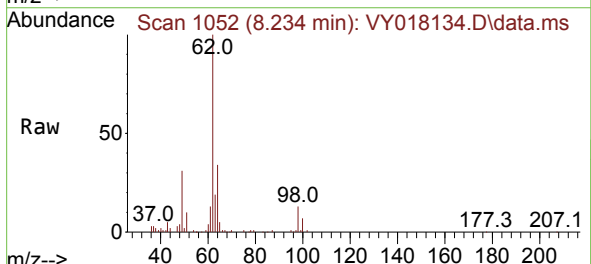


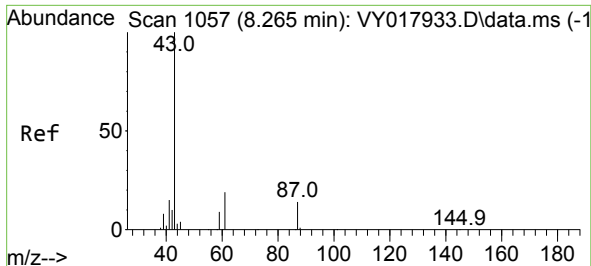
Tgt Ion:	41	Resp:	22884
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 19.311 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion:	62	Resp:	47994
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	22.0

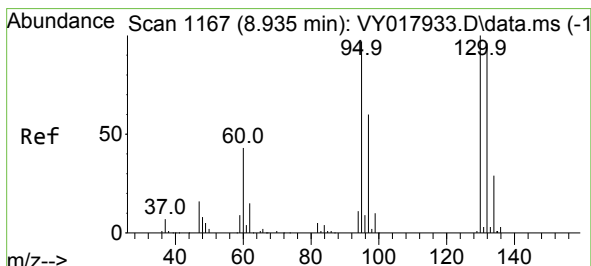
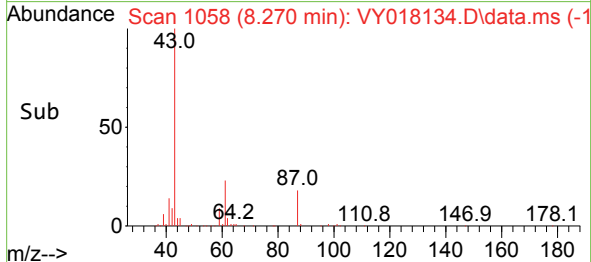
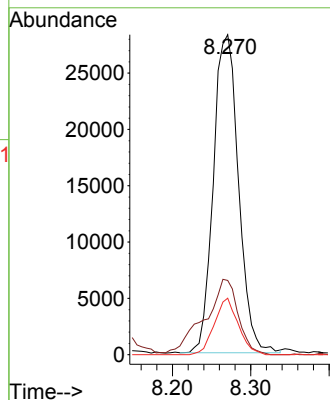
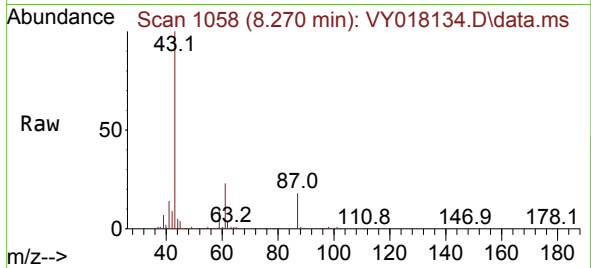




#43
Isopropyl Acetate
Concen: 20.657 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

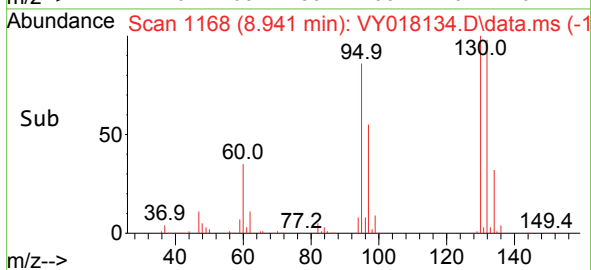
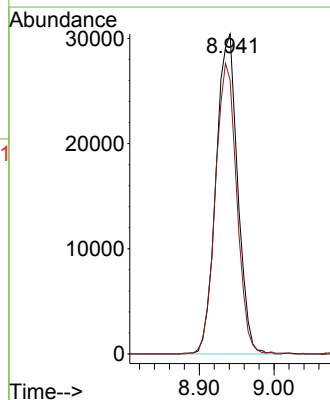
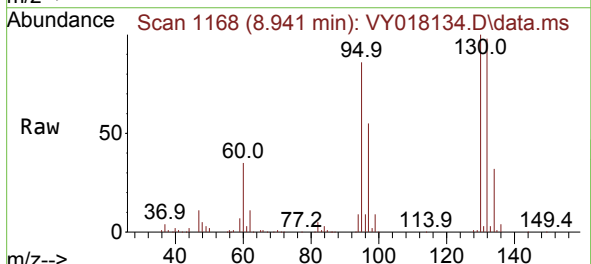
Instrument :
MSVOA_Y
ClientSampleId :

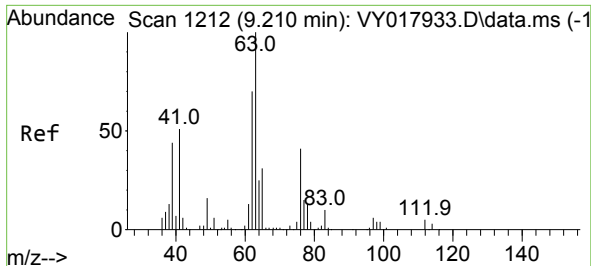
Tgt Ion: 43 Resp: 63051
Ion Ratio Lower Upper
43 100
61 31.7 27.9 41.9
87 16.9 13.1 19.7



#44
Trichloroethene
Concen: 20.061 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion:130 Resp: 61032
Ion Ratio Lower Upper
130 100
95 85.5 0.0 188.0

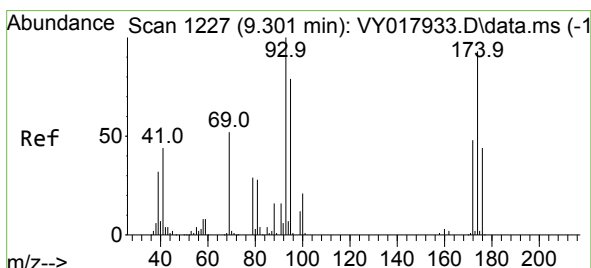
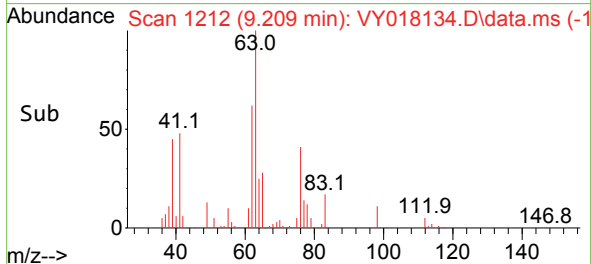
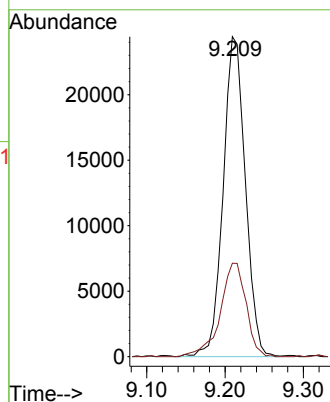
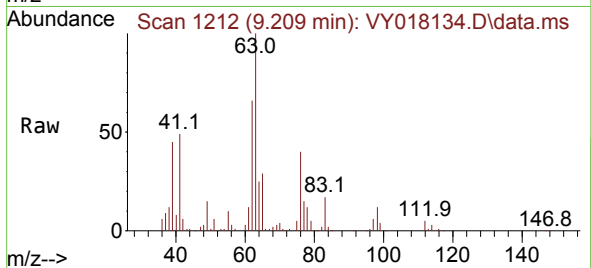




#45
1,2-Dichloropropane
Concen: 20.593 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

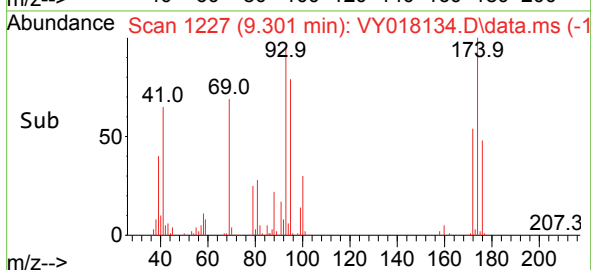
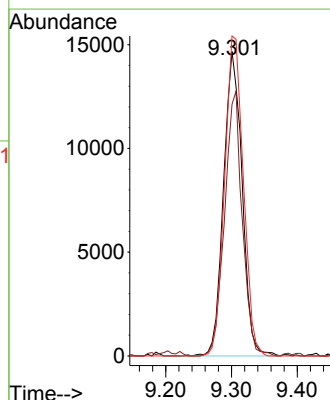
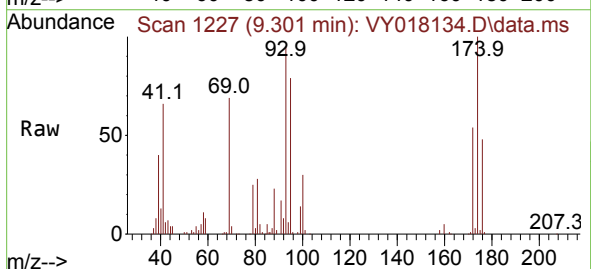
Instrument :
MSVOA_Y
ClientSampleId :

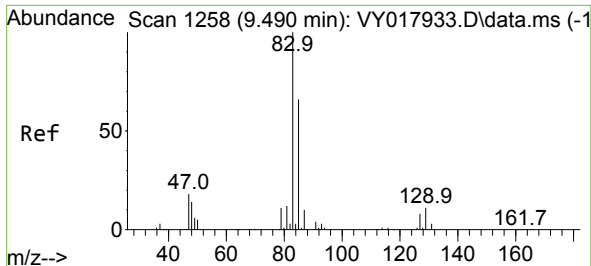
Tgt Ion: 63 Resp: 48201
Ion Ratio Lower Upper
63 100
65 29.2 25.4 38.2



#46
Dibromomethane
Concen: 20.281 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 93 Resp: 28861
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.4
174 105.6 80.9 121.3

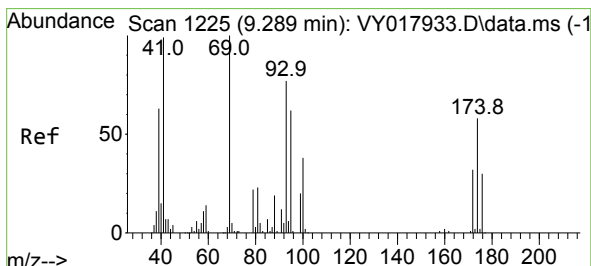
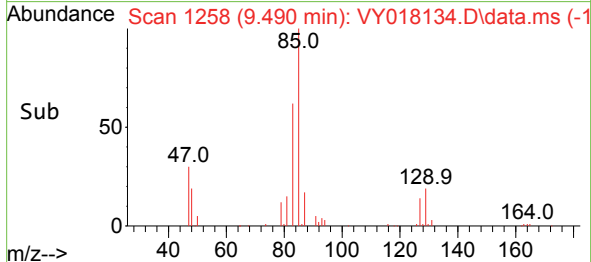
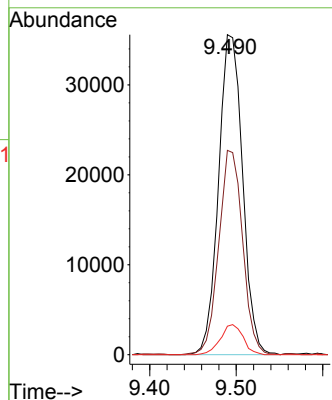
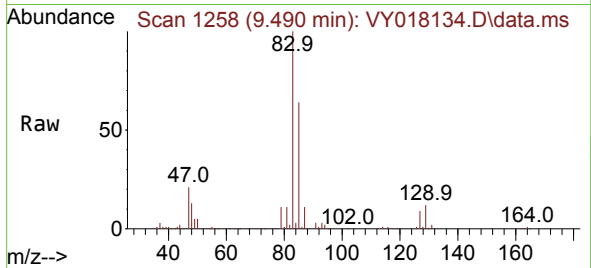




#47
Bromodichloromethane
Concen: 19.627 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

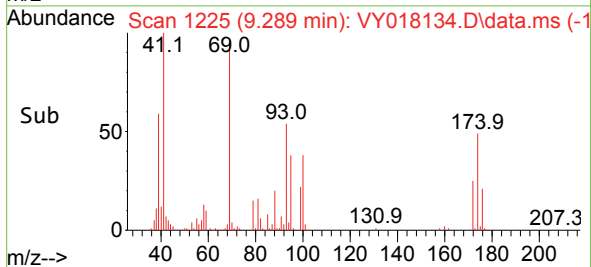
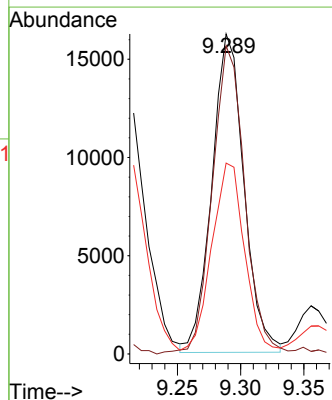
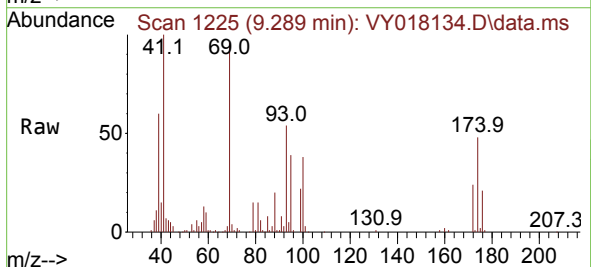
Instrument :
MSVOA_Y
ClientSampleId :

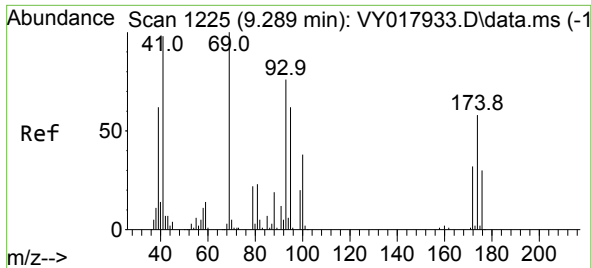
Tgt Ion: 83 Resp: 68570
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 20.450 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

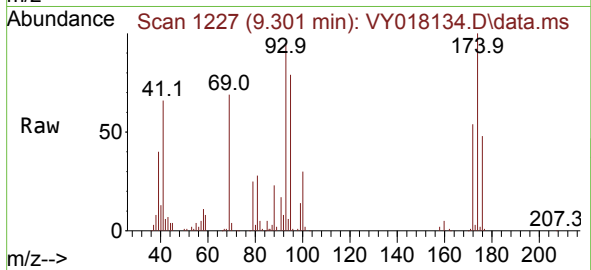
Tgt Ion: 41 Resp: 28573
Ion Ratio Lower Upper
41 100
69 97.6 84.1 126.1
39 59.4 43.6 65.4



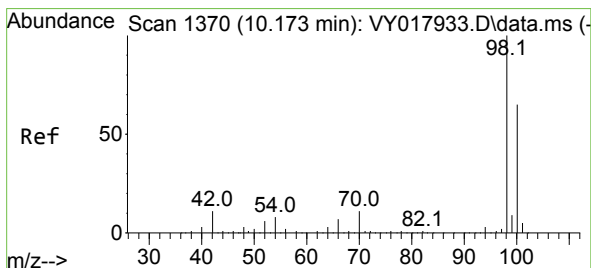
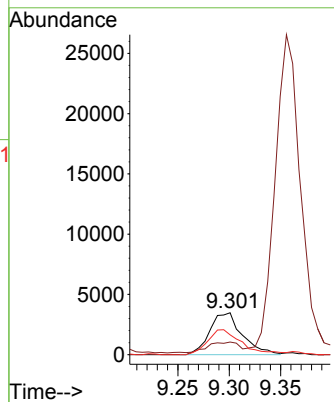
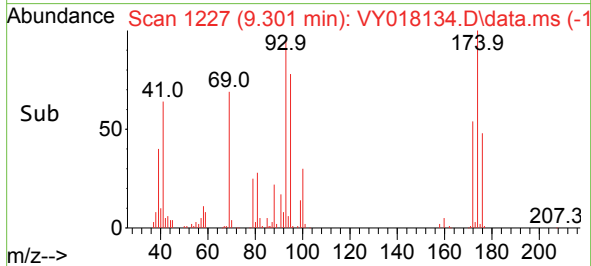


#49
1,4-Dioxane
Concen: 482.700 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

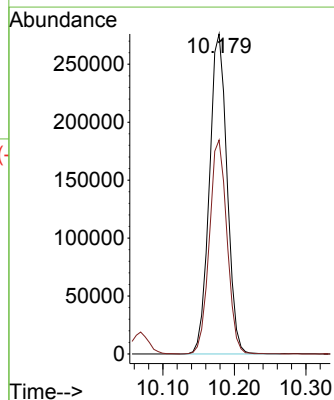
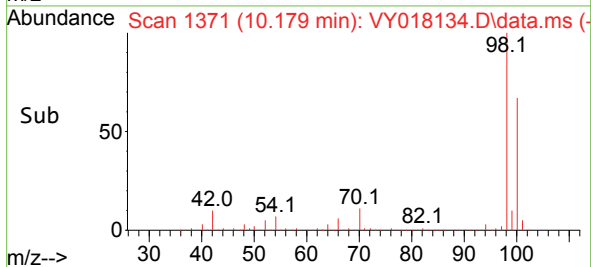
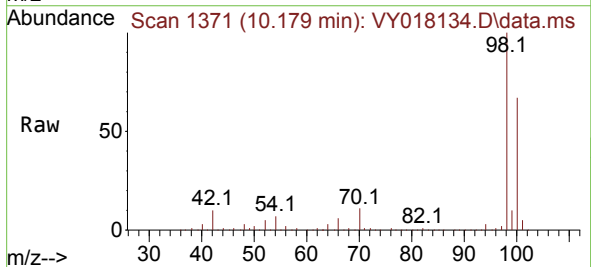


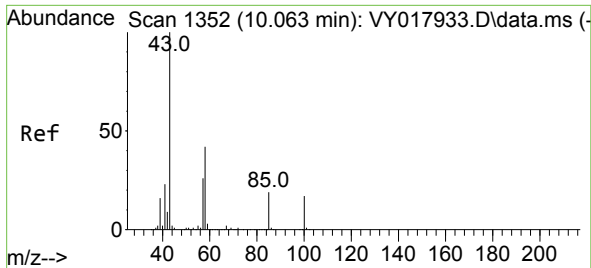
Tgt Ion: 88 Resp: 7621
Ion Ratio Lower Upper
88 100
43 25.8 0.0 0.0#
58 62.7 49.3 73.9



#50
Toluene-d8
Concen: 48.506 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 98 Resp: 473607
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

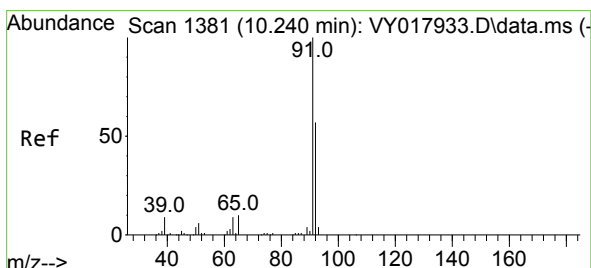
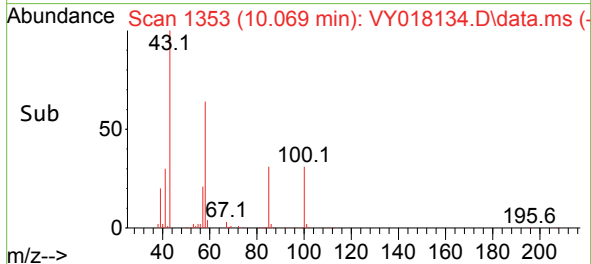
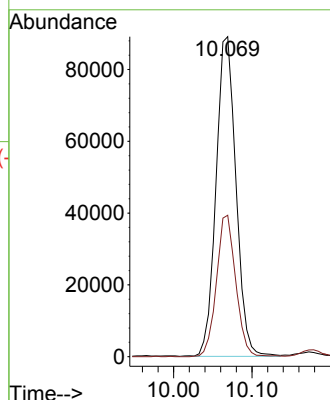
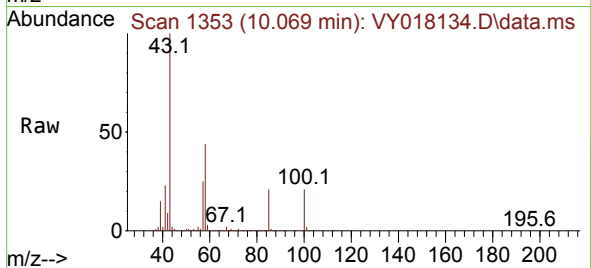




#51
4-Methyl-2-Pentanone
Concen: 105.817 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

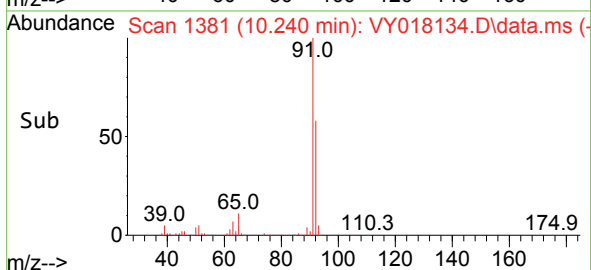
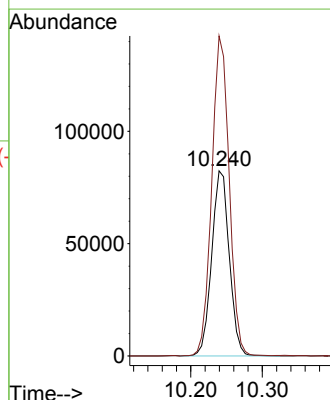
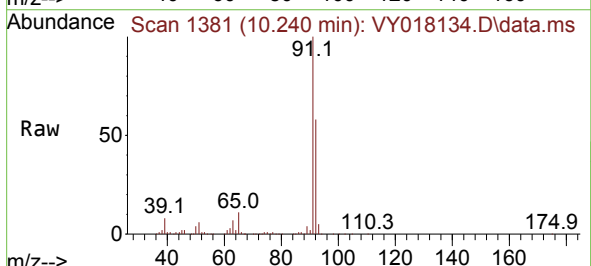
Instrument :
MSVOA_Y
ClientSampleId :

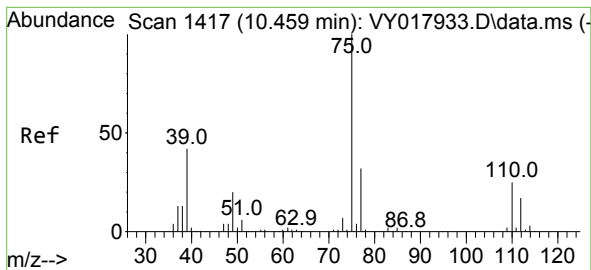
Tgt Ion: 43 Resp: 157747
Ion Ratio Lower Upper
43 100
58 42.8 35.7 53.5



#52
Toluene
Concen: 19.780 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 92 Resp: 140439
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.6

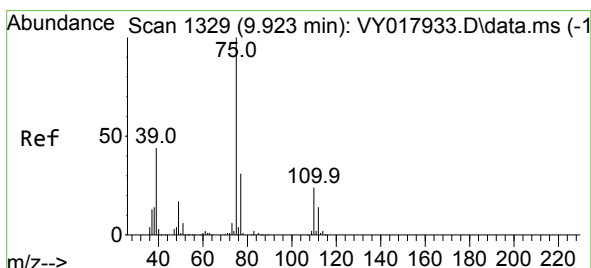
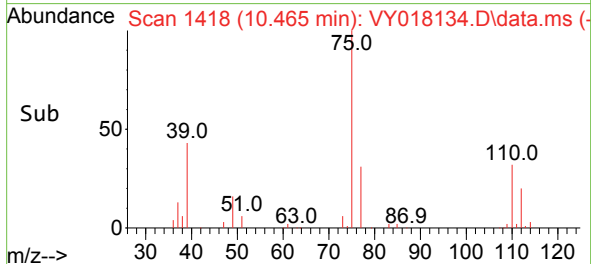
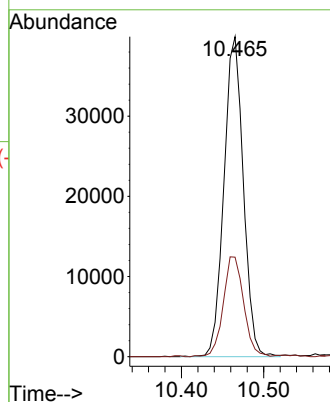
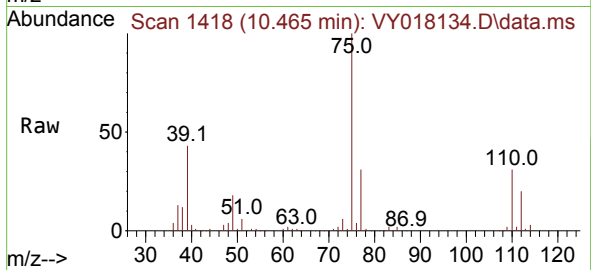




#53
 t-1,3-Dichloropropene
 Concen: 19.409 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018134.D
 Acq: 03 May 2024 11:19

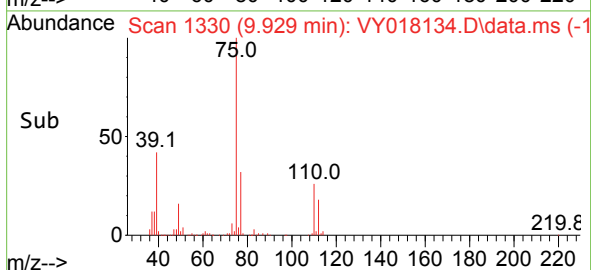
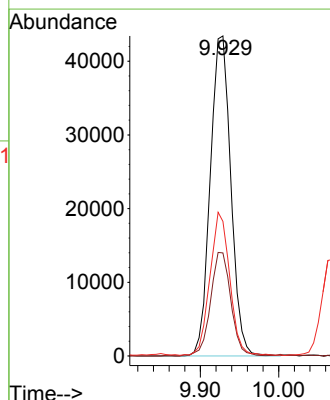
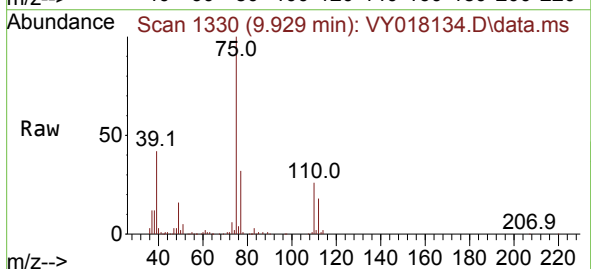
Instrument :
 MSVOA_Y
 ClientSampleId :

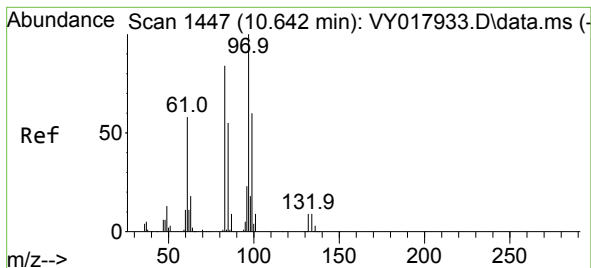
Tgt Ion: 75 Resp: 65516
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.993 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY018134.D
 Acq: 03 May 2024 11:19

Tgt Ion: 75 Resp: 79286
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 41.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.373 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

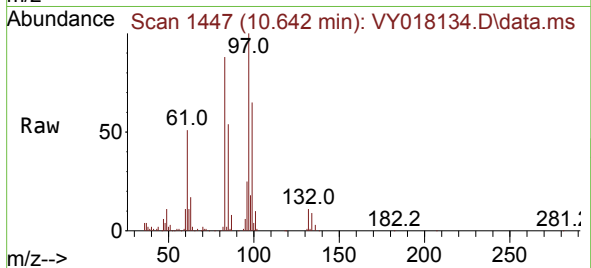
Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 38994

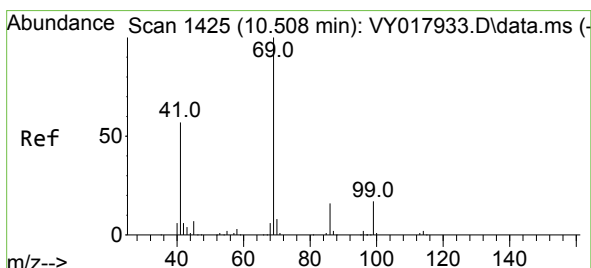
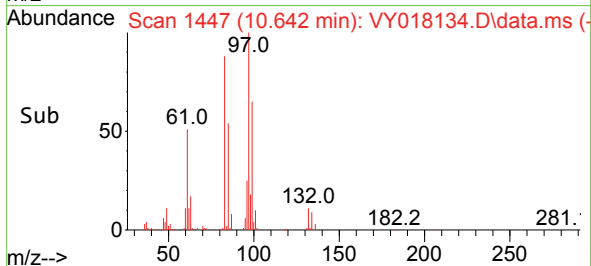
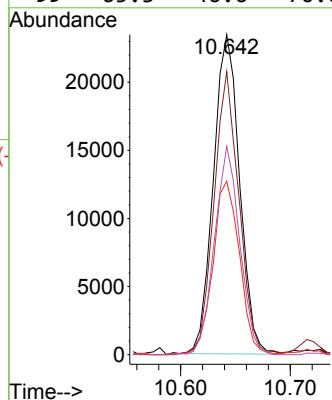
Ion Ratio Lower Upper

97 100

83 88.4 67.5 101.3

85 54.2 42.9 64.3

99 65.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.299 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

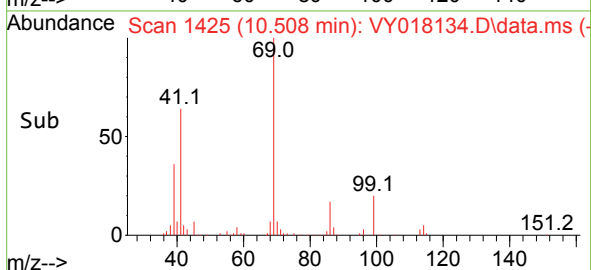
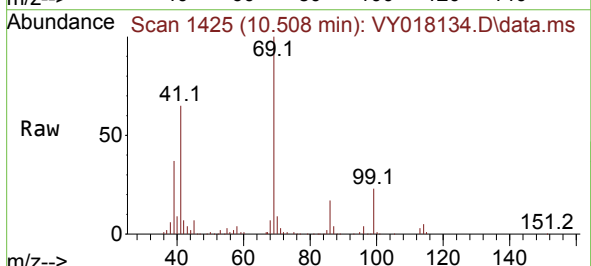
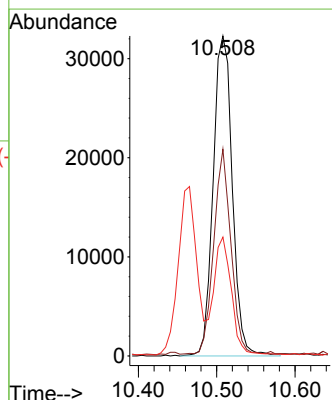
Tgt Ion: 69 Resp: 54931

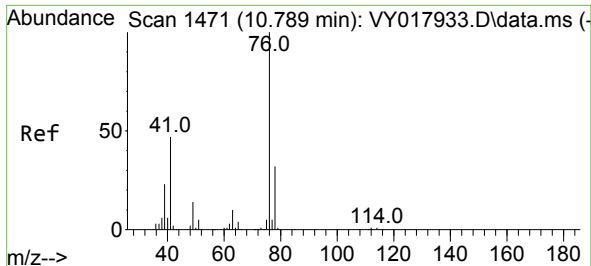
Ion Ratio Lower Upper

69 100

41 56.9 42.3 63.5

39 34.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 21.133 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

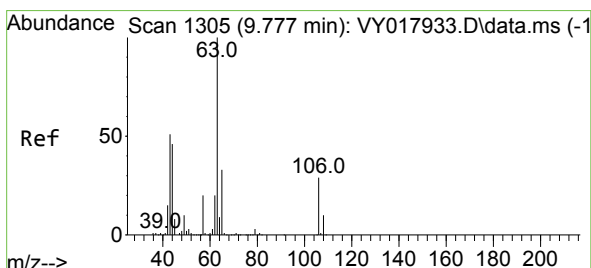
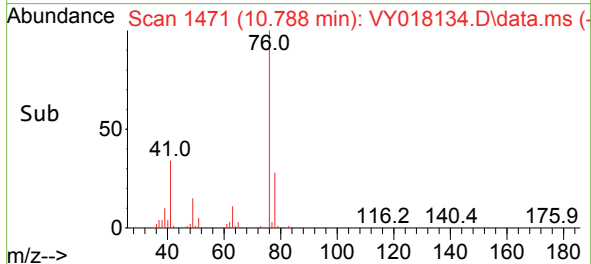
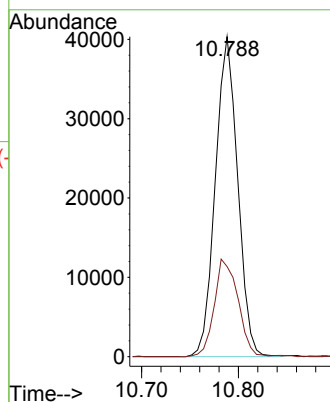
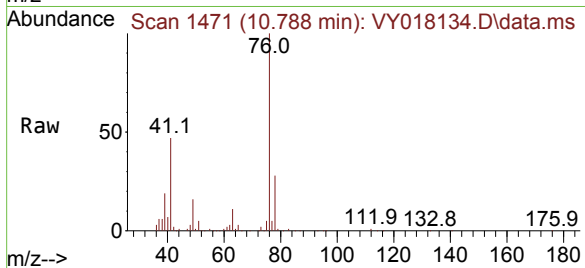
ClientSampleId :

Tgt Ion: 76 Resp: 64620

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.540 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018134.D

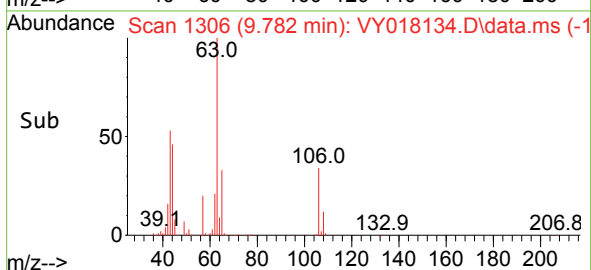
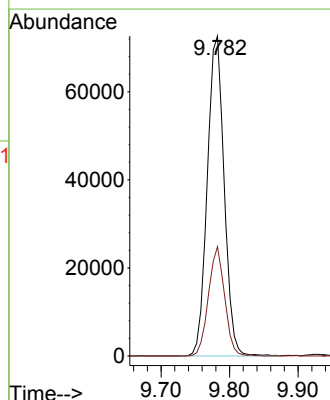
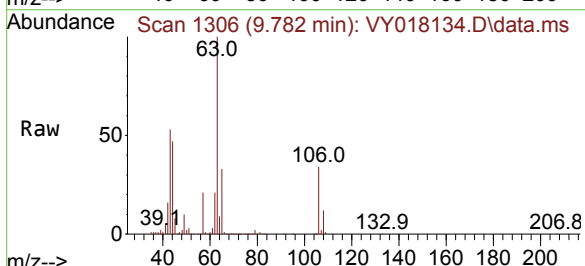
Acq: 03 May 2024 11:19

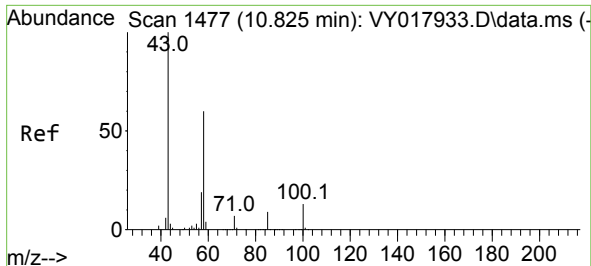
Tgt Ion: 63 Resp: 124481

Ion Ratio Lower Upper

63 100

106 32.7 23.7 35.5

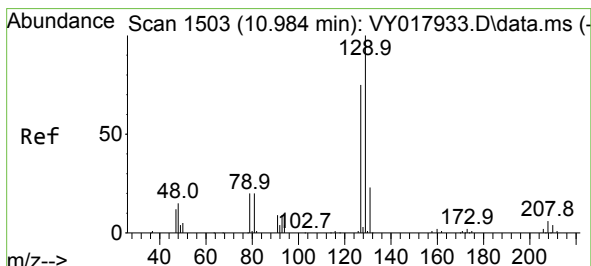
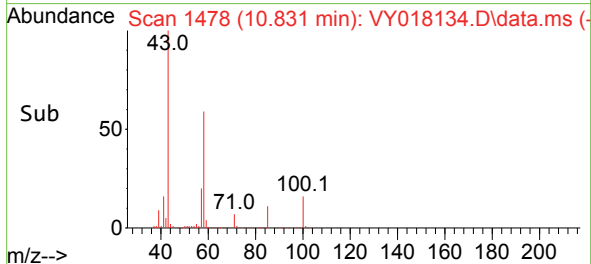
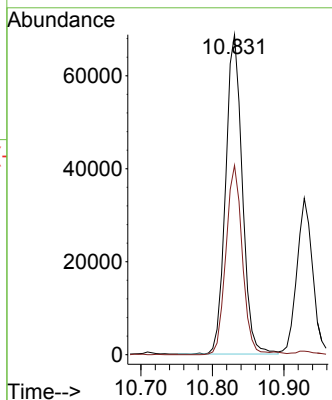
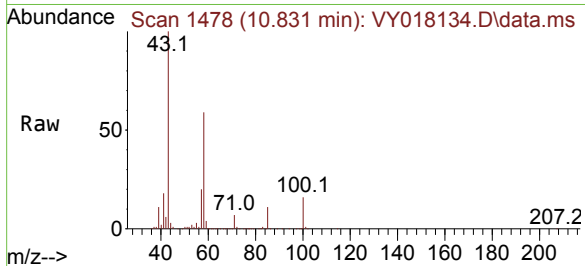




#59
2-Hexanone
Concen: 104.448 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

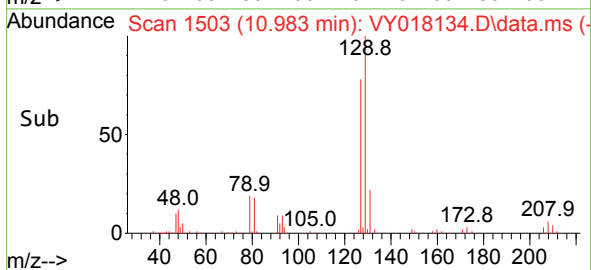
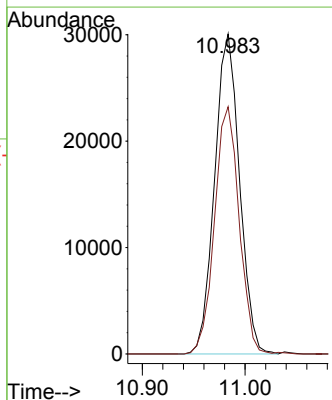
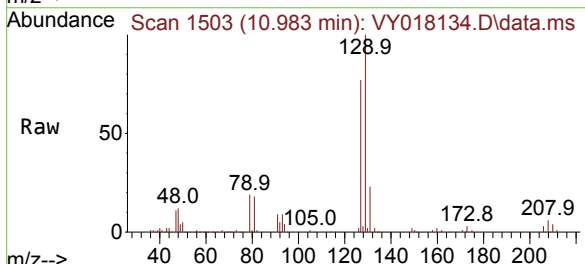
Instrument :
MSVOA_Y
ClientSampleId :

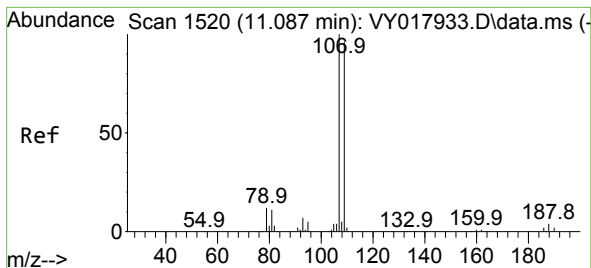
Tgt Ion: 43 Resp: 111131
Ion Ratio Lower Upper
43 100
58 58.8 31.4 94.0



#60
Dibromochloromethane
Concen: 19.484 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 129 Resp: 50652
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0

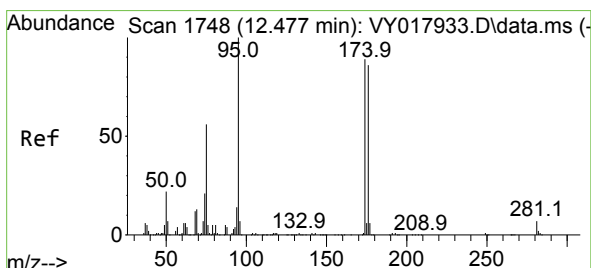
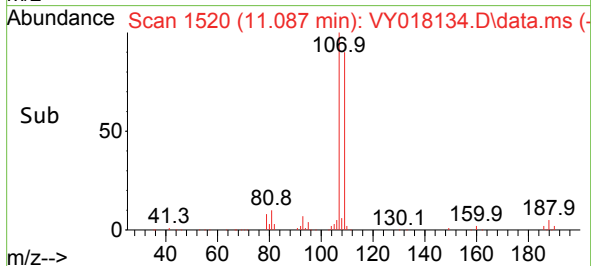
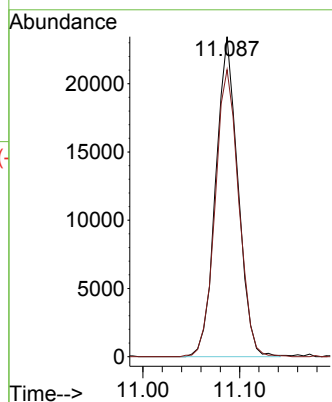
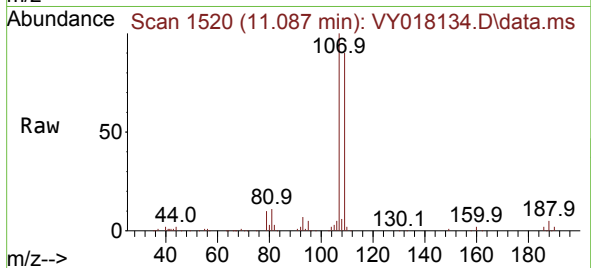




#61
1,2-Dibromoethane
Concen: 20.401 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

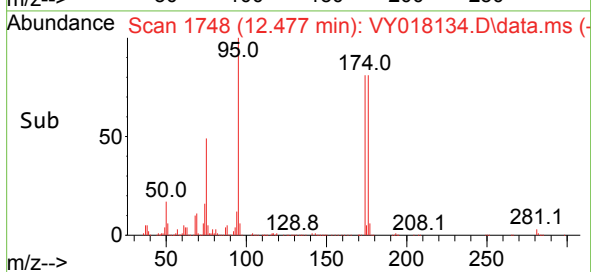
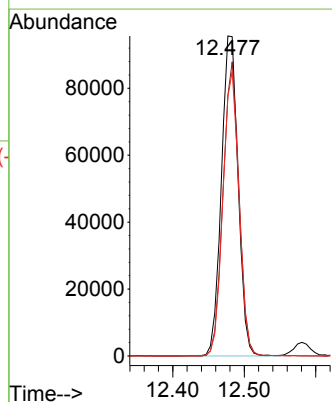
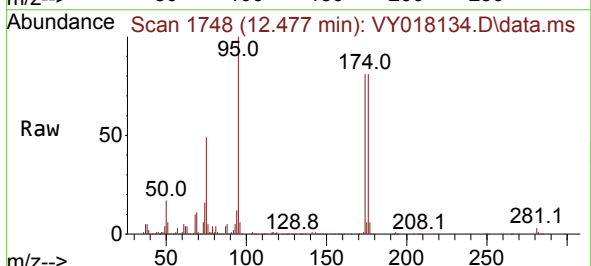
Instrument :
MSVOA_Y
ClientSampleId :

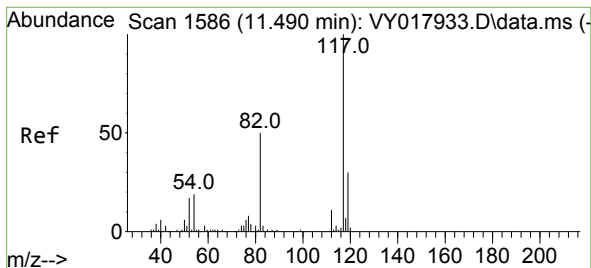
Tgt Ion:107 Resp: 37417
Ion Ratio Lower Upper
107 100
109 95.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.150 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 95 Resp: 155072
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.6
176 86.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

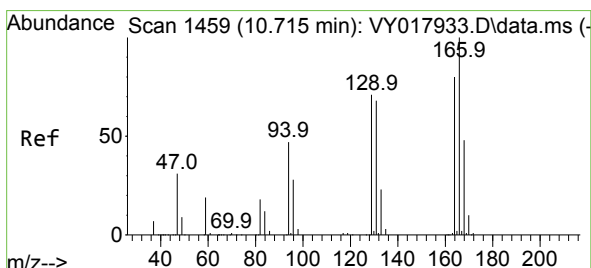
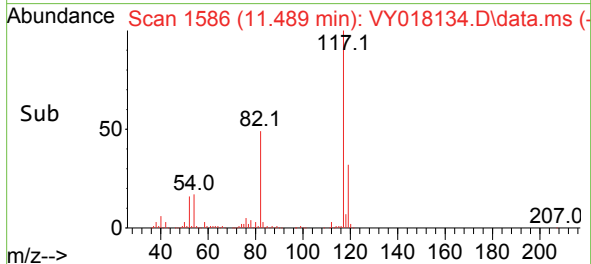
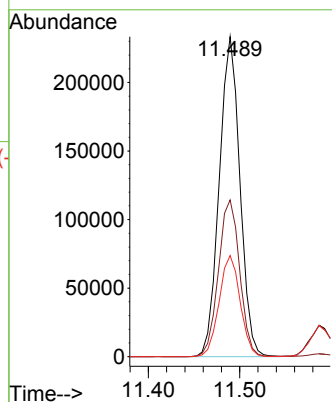
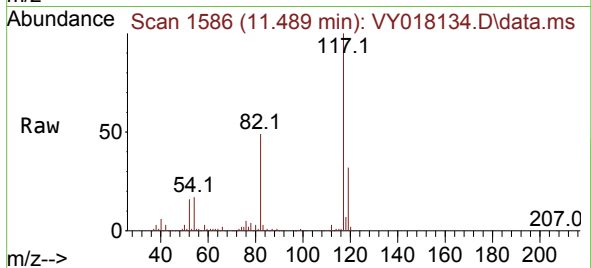
Tgt Ion:117 Resp: 366970

Ion Ratio Lower Upper

117 100

82 49.0 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 19.699 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Tgt Ion:164 Resp: 52327

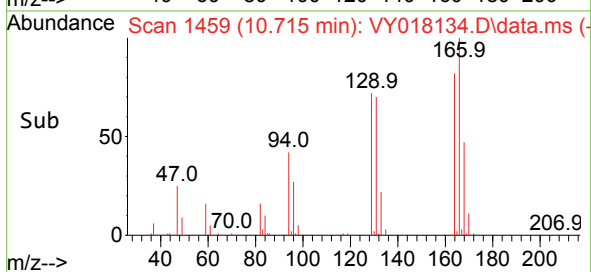
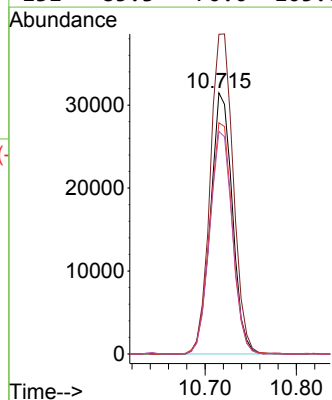
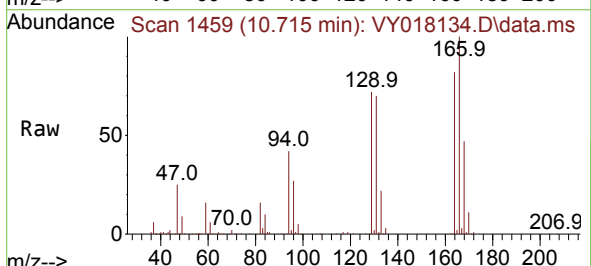
Ion Ratio Lower Upper

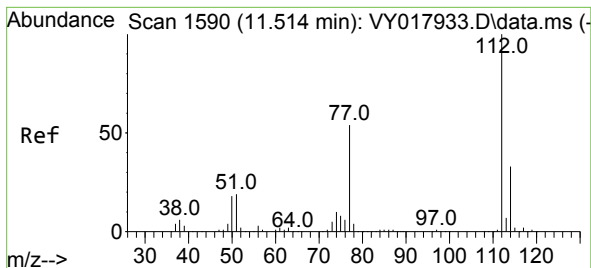
164 100

166 122.4 102.6 154.0

129 88.6 72.0 108.0

131 85.3 70.0 105.0





#65

Chlorobenzene

Concen: 20.334 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

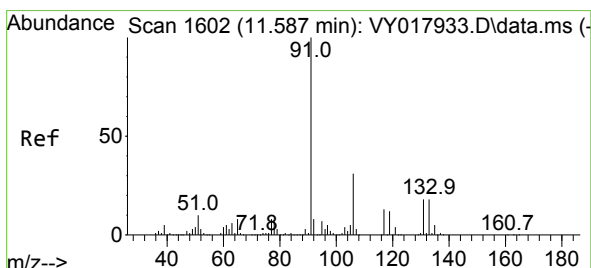
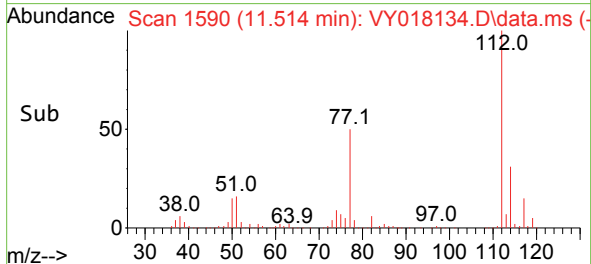
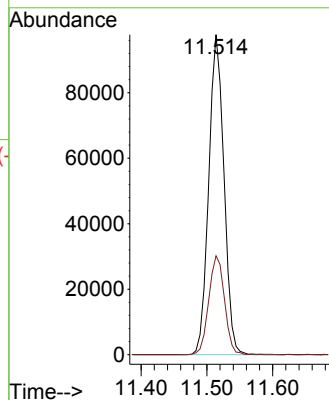
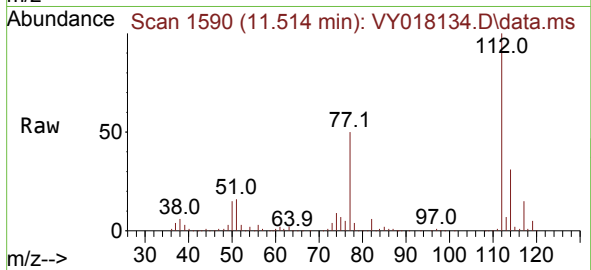
ClientSampleId :

Tgt Ion:112 Resp: 157497

Ion Ratio Lower Upper

112 100

114 30.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.635 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

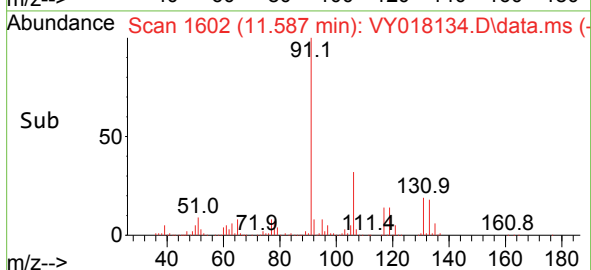
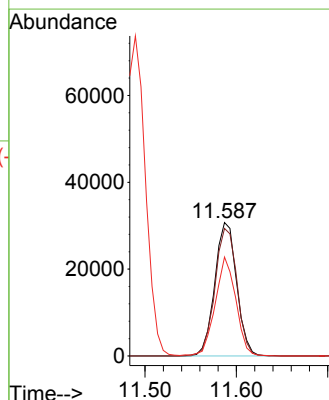
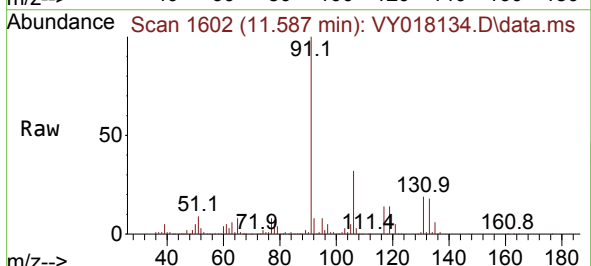
Tgt Ion:131 Resp: 51160

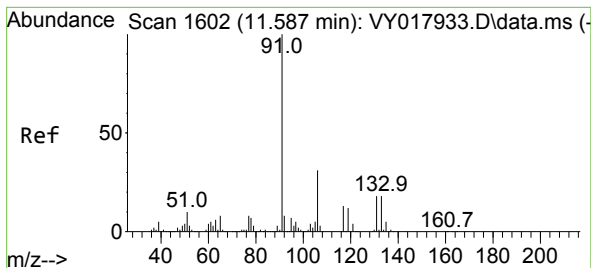
Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.3

119 70.0 34.1 102.2





#67

Ethyl Benzene

Concen: 20.391 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

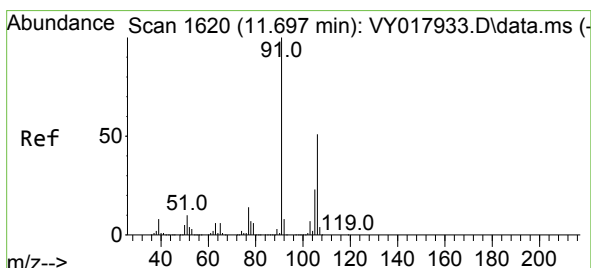
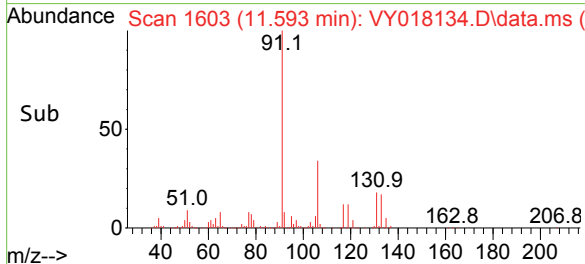
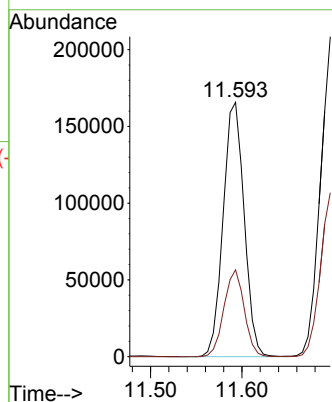
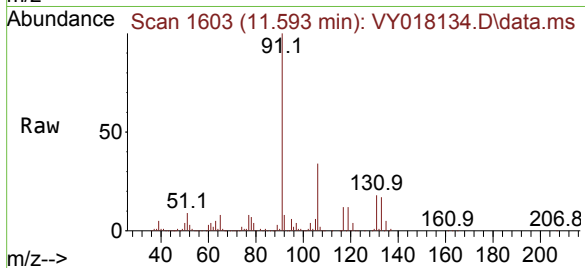
ClientSampleId :

Tgt Ion: 91 Resp: 264867

Ion Ratio Lower Upper

91 100

106 34.1 24.5 36.7



#68

m/p-Xylenes

Concen: 40.698 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018134.D

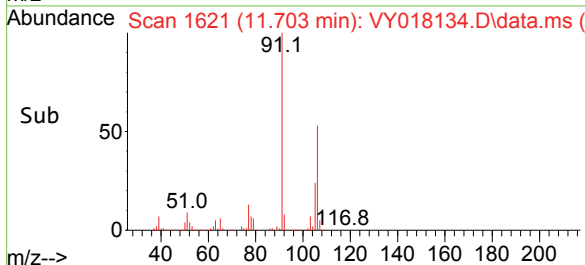
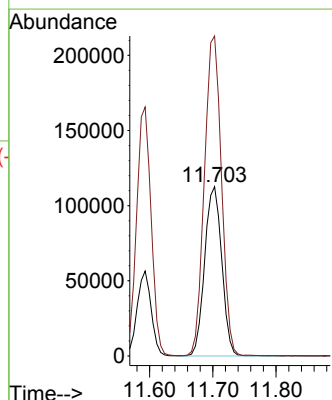
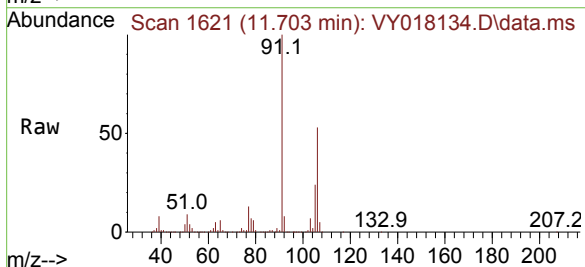
Acq: 03 May 2024 11:19

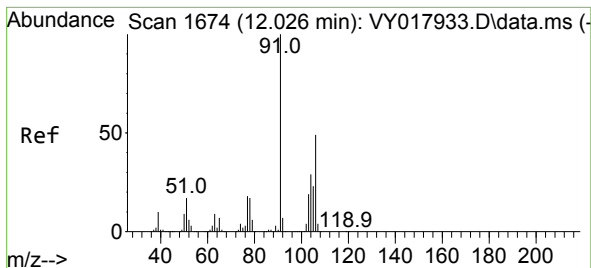
Tgt Ion:106 Resp: 211817

Ion Ratio Lower Upper

106 100

91 188.5 156.0 234.0





#69

o-Xylene

Concen: 20.289 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

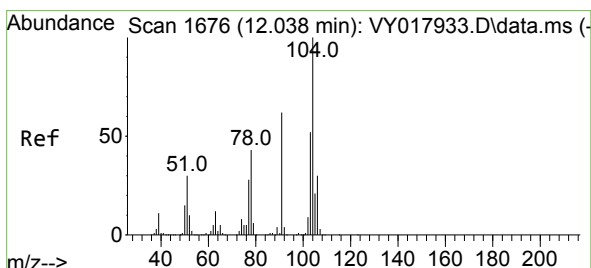
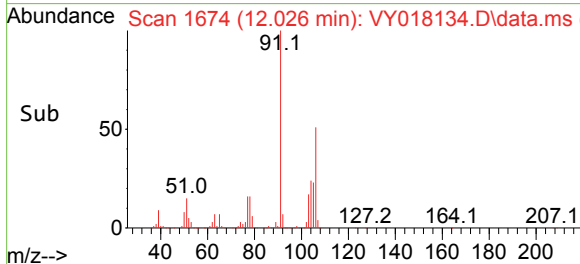
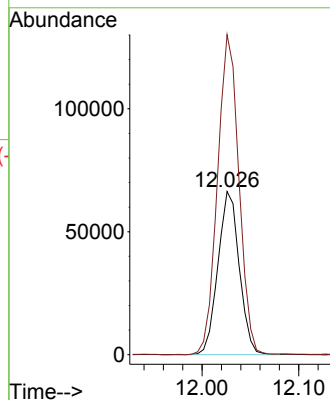
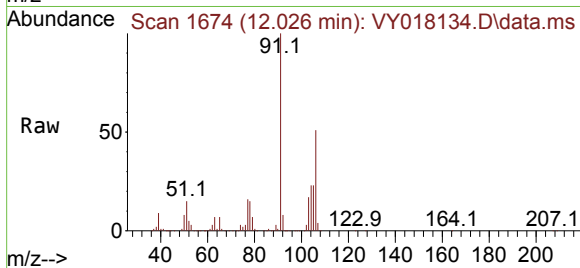
ClientSampleId :

Tgt Ion:106 Resp: 101445

Ion Ratio Lower Upper

106 100

91 197.8 103.6 310.8



#70

Styrene

Concen: 20.400 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

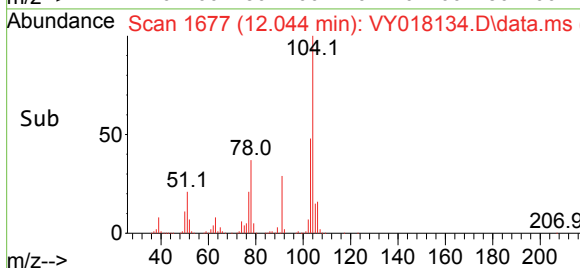
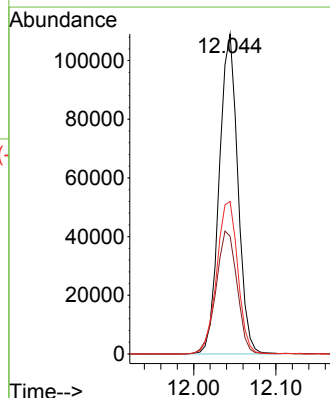
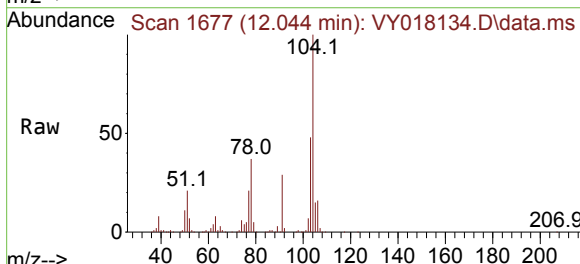
Tgt Ion:104 Resp: 171674

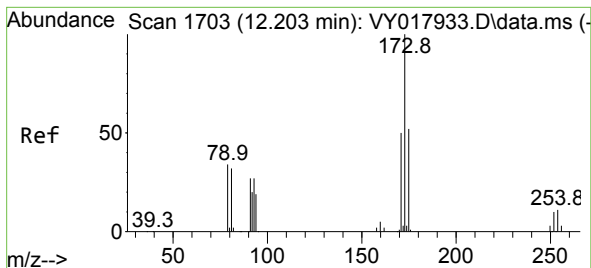
Ion Ratio Lower Upper

104 100

78 43.6 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 19.916 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

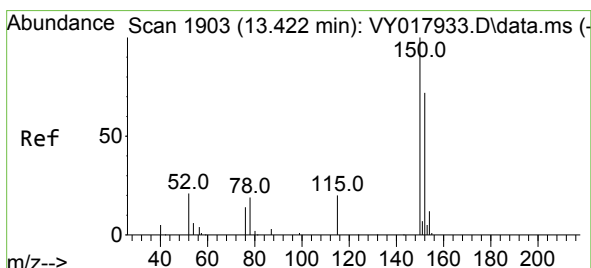
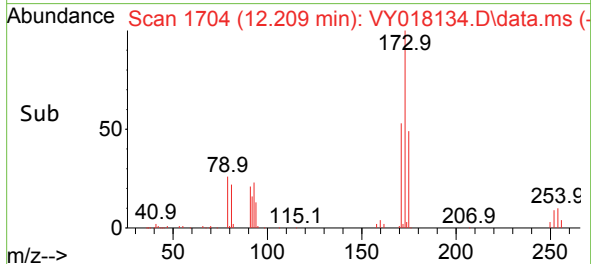
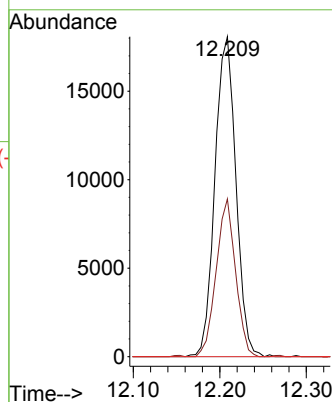
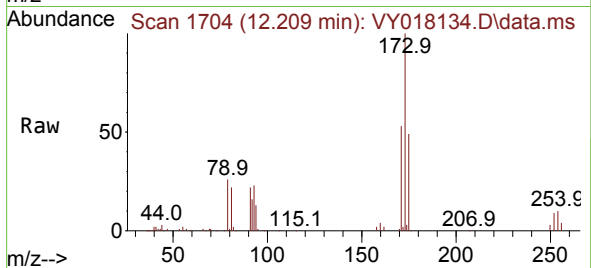
Tgt Ion:173 Resp: 30409

Ion Ratio Lower Upper

173 100

175 45.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

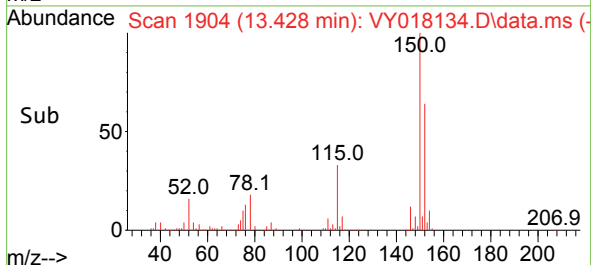
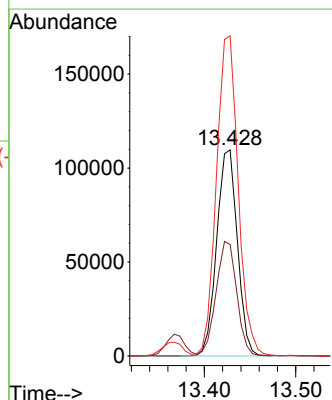
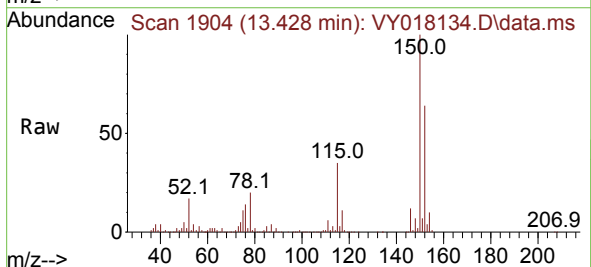
Tgt Ion:152 Resp: 172992

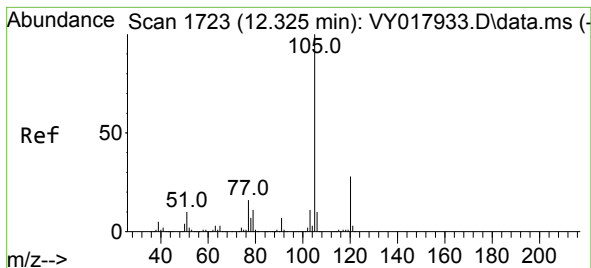
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 163.0 0.0 345.6





#73

Isopropylbenzene

Concen: 20.063 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

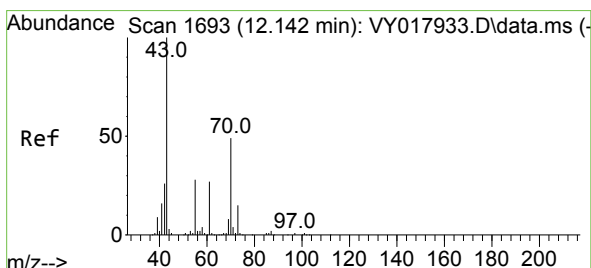
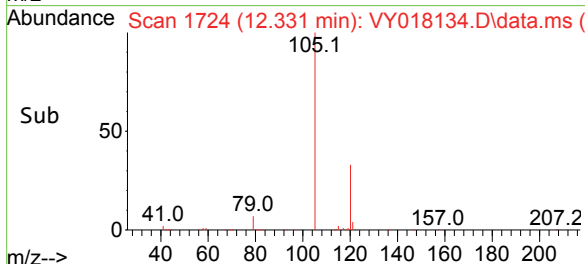
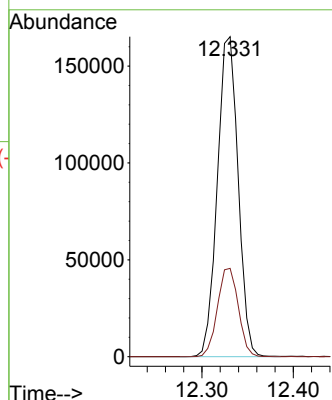
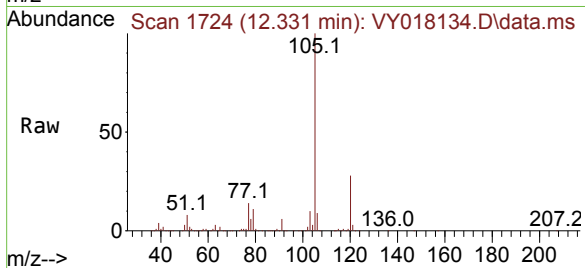
ClientSampleId :

Tgt Ion:105 Resp: 261214

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-amy1 acetate

Concen: 20.036 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Tgt Ion: 43 Resp: 57255

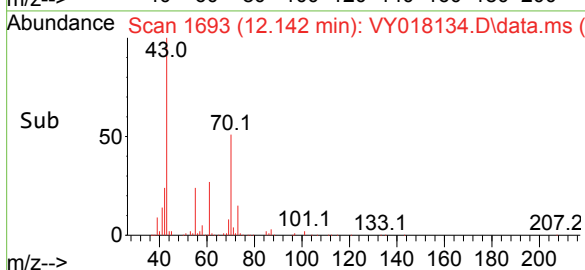
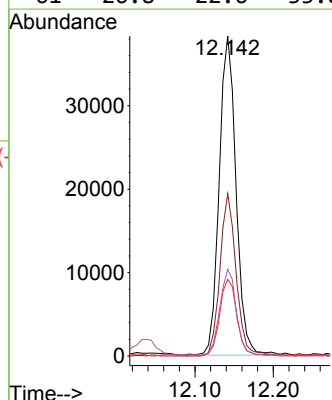
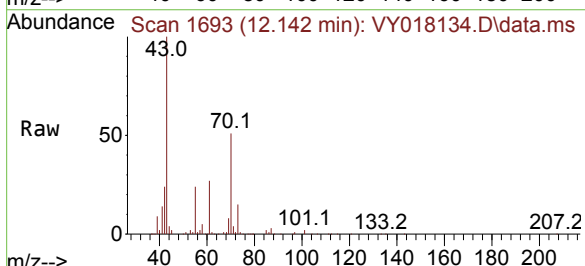
Ion Ratio Lower Upper

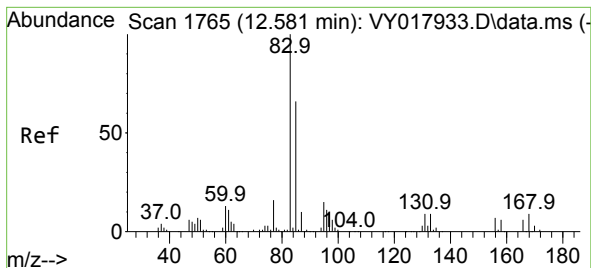
43 100

70 49.0 41.4 62.2

55 24.2 23.3 34.9

61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.061 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

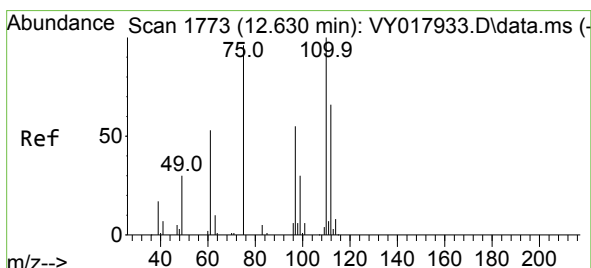
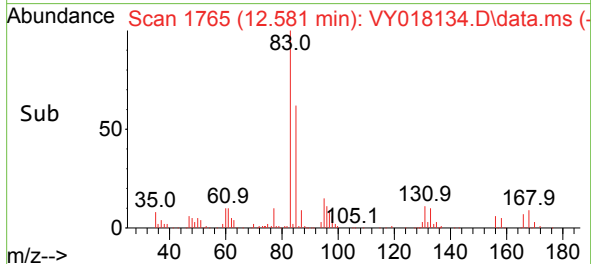
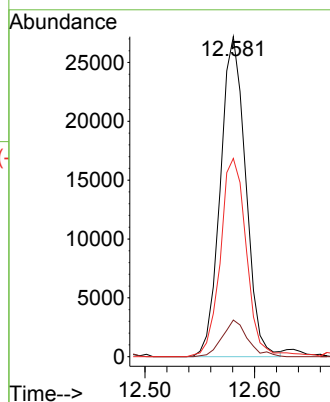
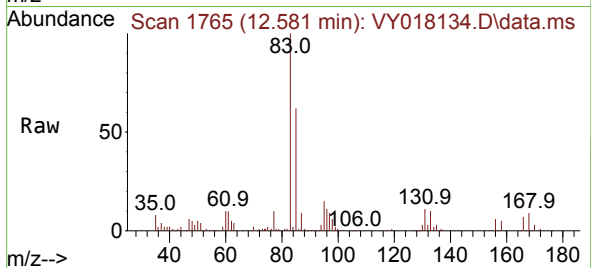
Tgt Ion: 83 Resp: 43633

Ion Ratio Lower Upper

83 100

131 11.5 5.0 14.9

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.150 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.007 min

Lab File: VY018134.D

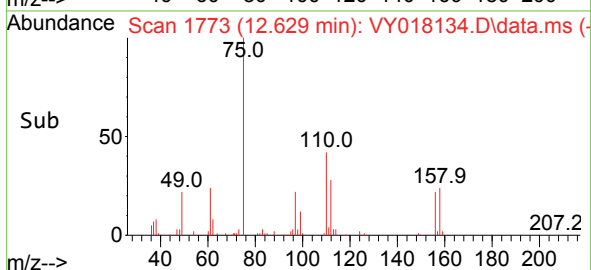
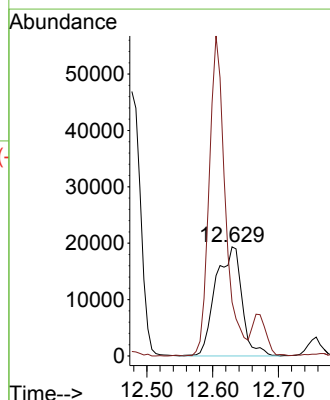
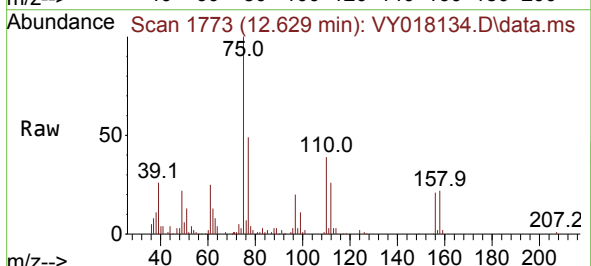
Acq: 03 May 2024 11:19

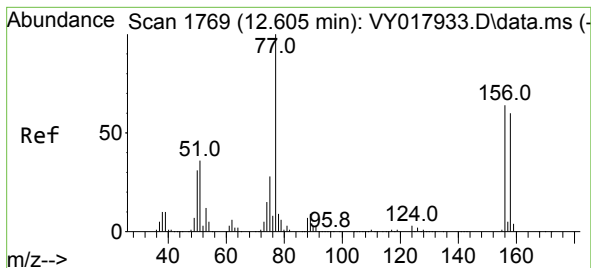
Tgt Ion: 75 Resp: 53936

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.979 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

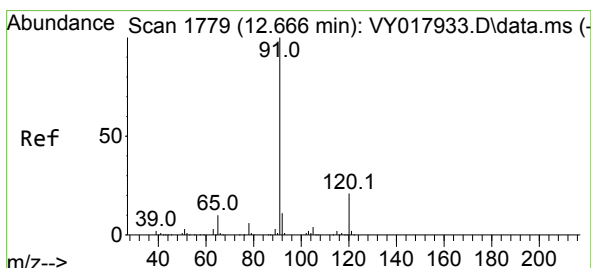
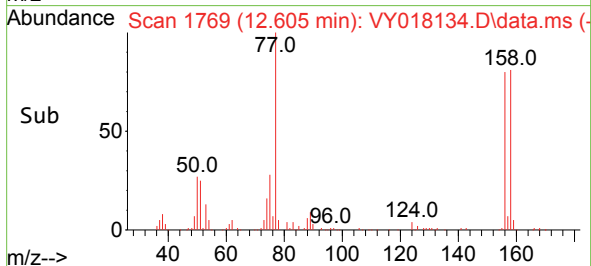
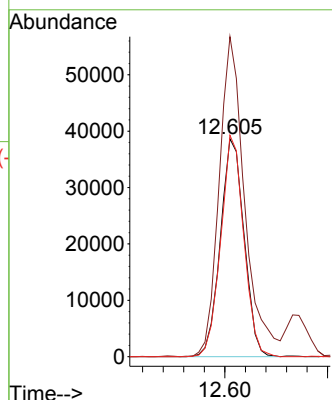
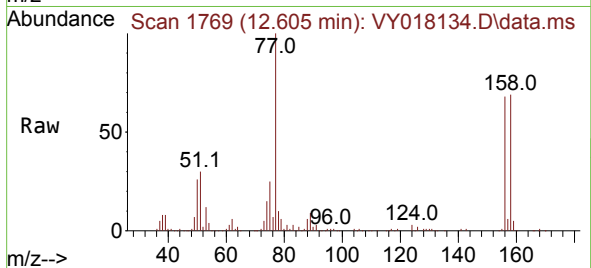
Tgt Ion:156 Resp: 61809

Ion Ratio Lower Upper

156 100

77 158.5 87.1 261.3

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.053 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018134.D

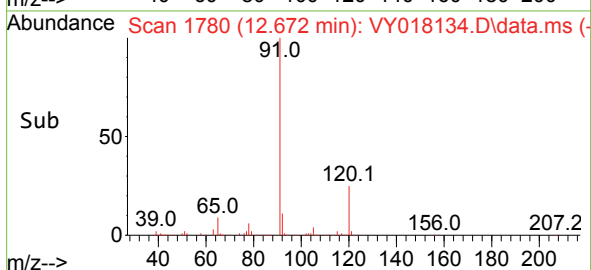
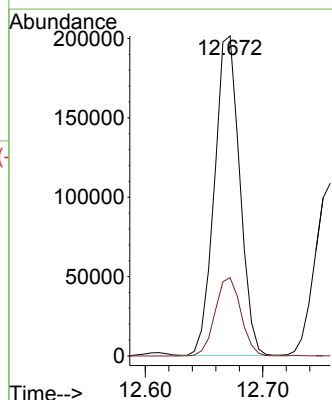
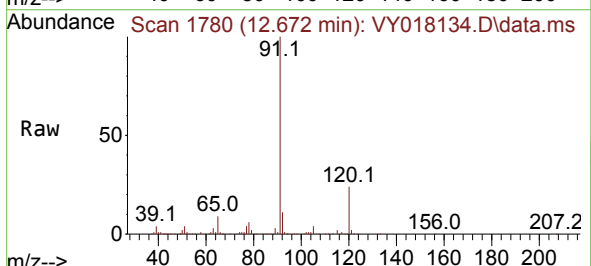
Acq: 03 May 2024 11:19

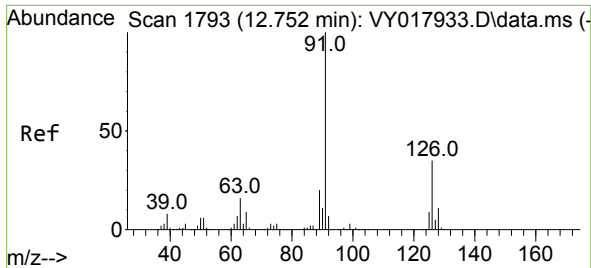
Tgt Ion: 91 Resp: 300650

Ion Ratio Lower Upper

91 100

120 25.0 11.5 34.4

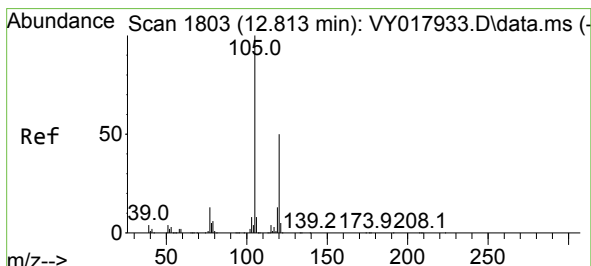
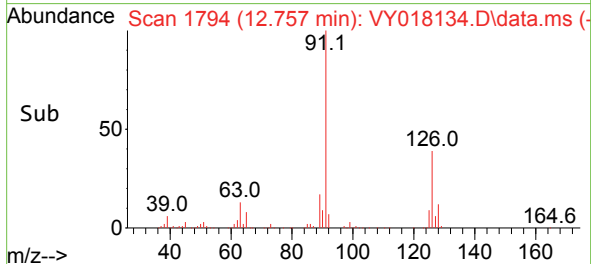
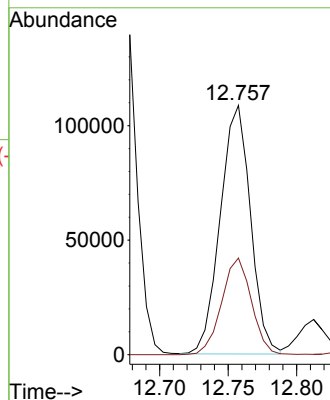
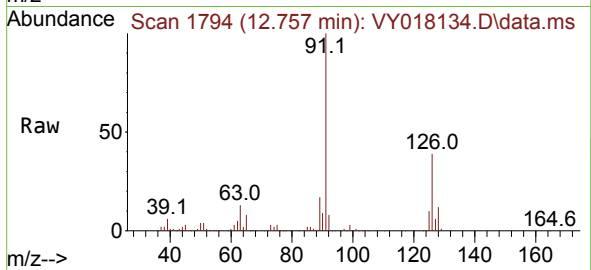




#79
2-Chlorotoluene
Concen: 19.614 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

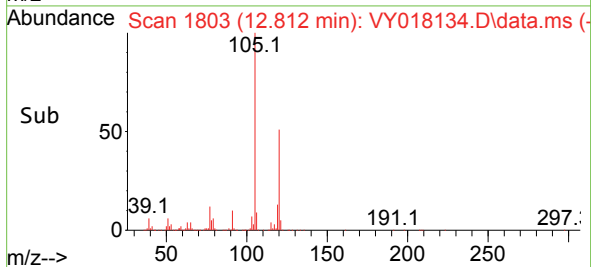
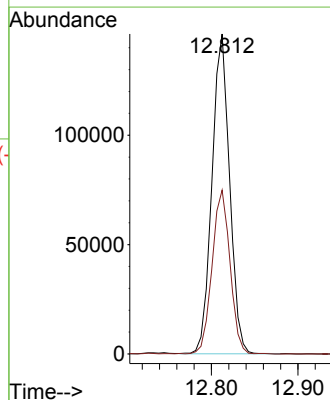
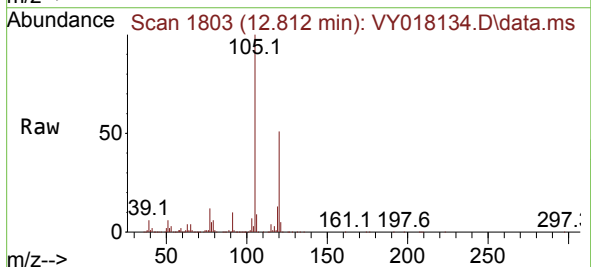
Instrument :
MSVOA_Y
ClientSampleId :

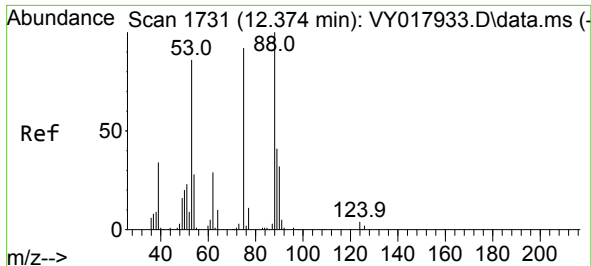
Tgt Ion: 91 Resp: 167015
Ion Ratio Lower Upper
91 100
126 38.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.705 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 105 Resp: 206771
Ion Ratio Lower Upper
105 100
120 52.1 25.1 75.2

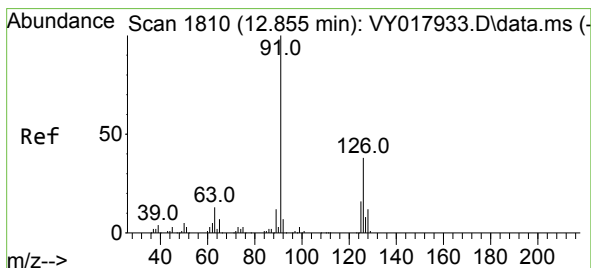
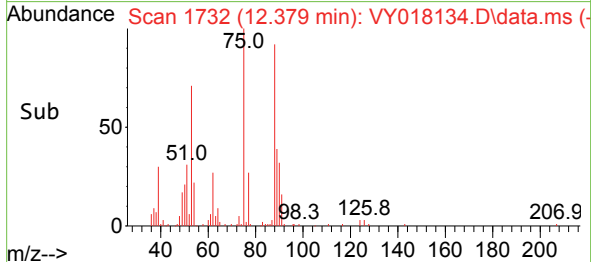
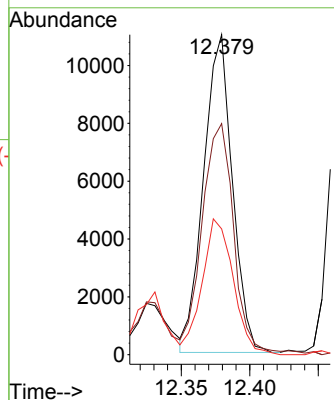
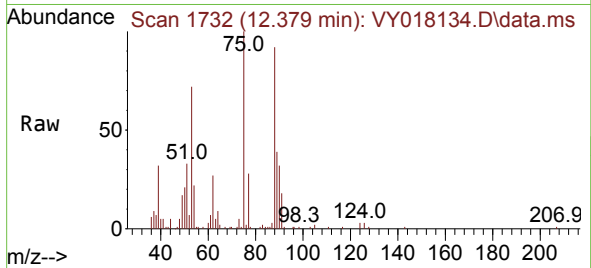




#81
trans-1,4-Dichloro-2-butene
Concen: 20.145 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

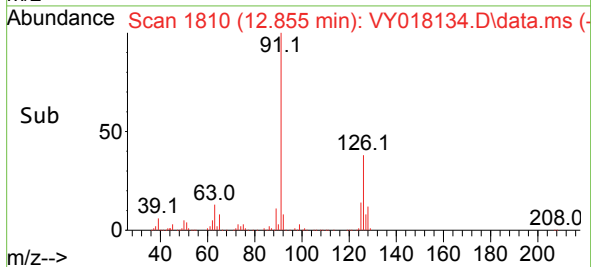
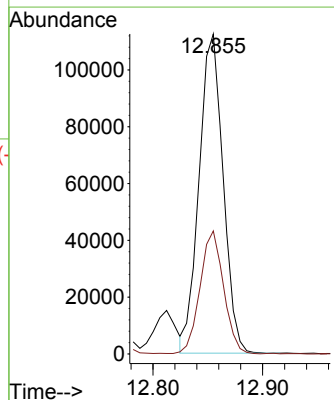
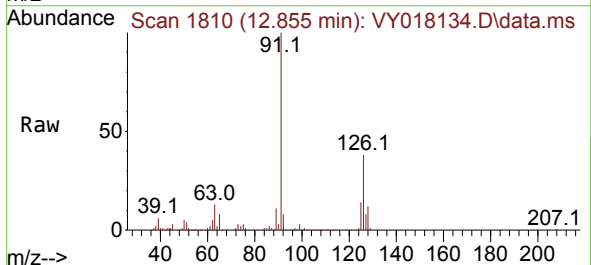
Instrument :
MSVOA_Y
ClientSampleId :

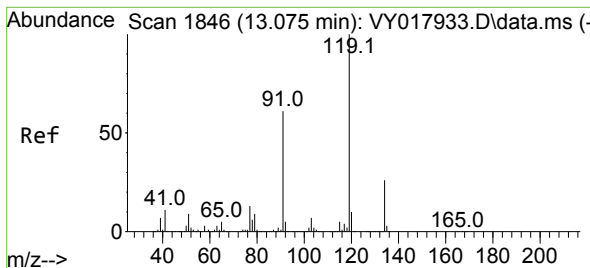
Tgt Ion: 75 Resp: 16054
Ion Ratio Lower Upper
75 100
53 80.7 66.8 100.2
89 46.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.605 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion: 91 Resp: 171064
Ion Ratio Lower Upper
91 100
126 37.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.059 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

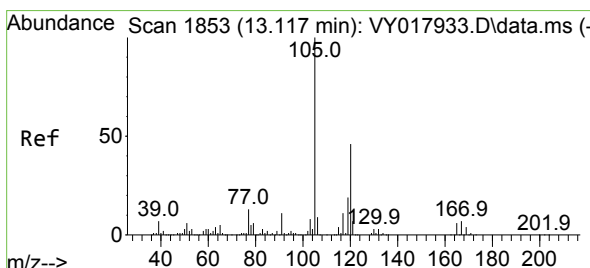
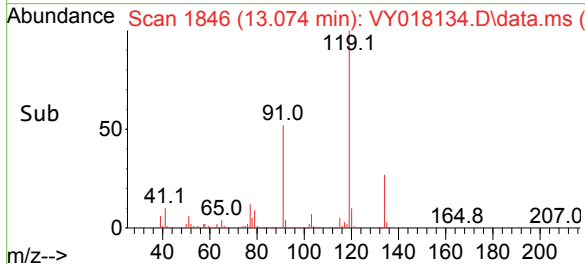
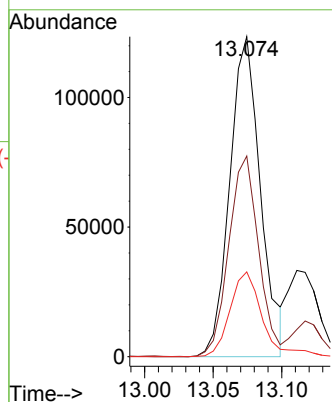
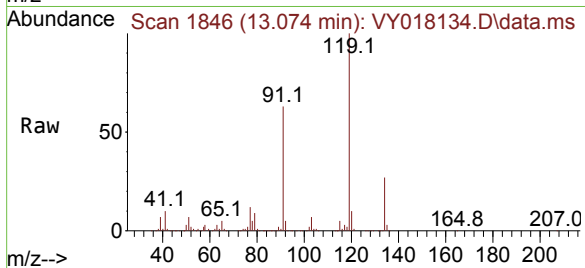
Tgt Ion:119 Resp: 192705

Ion Ratio Lower Upper

119 100

91 60.9 31.3 93.8

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.981 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018134.D

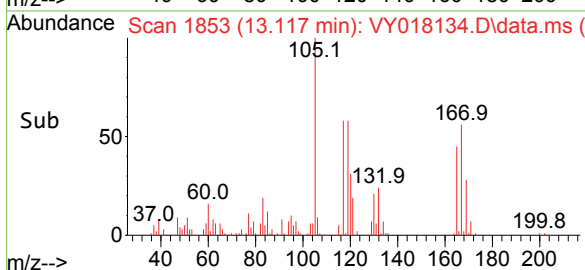
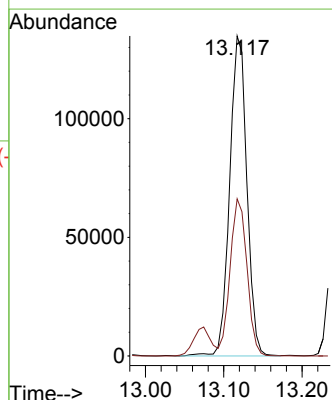
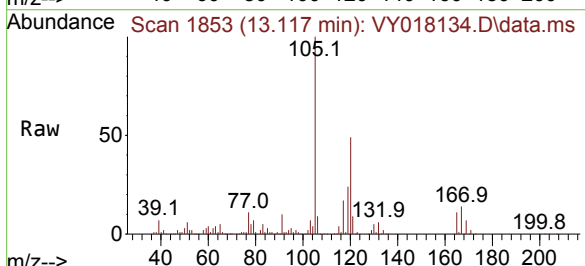
Acq: 03 May 2024 11:19

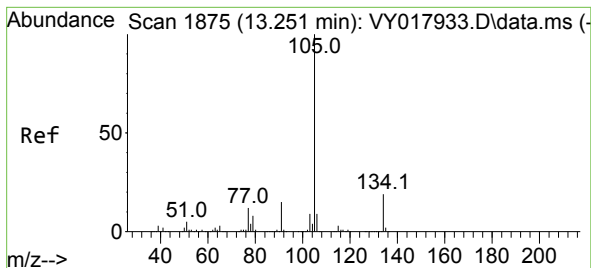
Tgt Ion:105 Resp: 205401

Ion Ratio Lower Upper

105 100

120 48.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.198 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

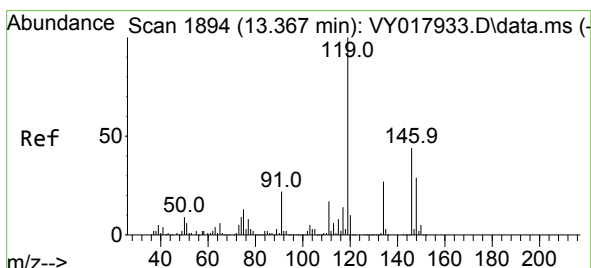
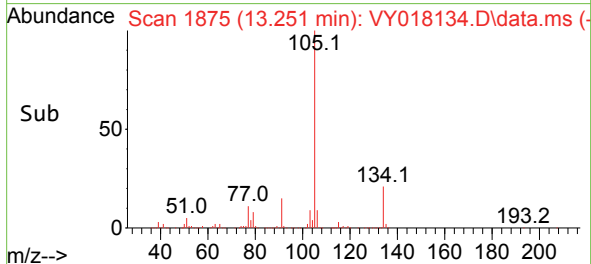
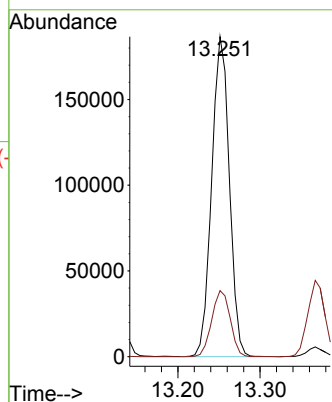
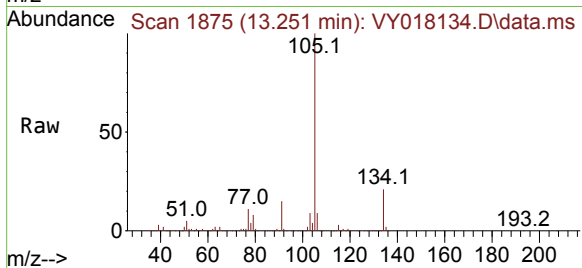
ClientSampleId :

Tgt Ion:105 Resp: 278455

Ion Ratio Lower Upper

105 100

134 21.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.169 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

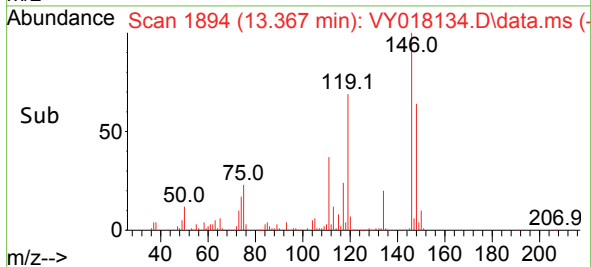
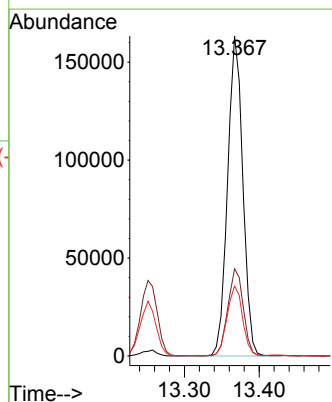
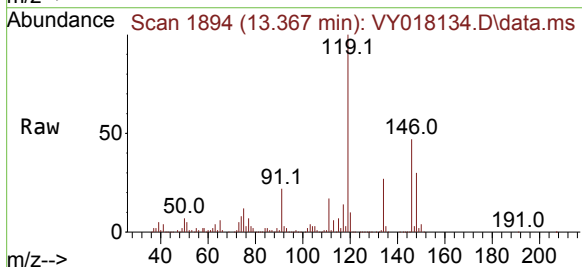
Tgt Ion:119 Resp: 231718

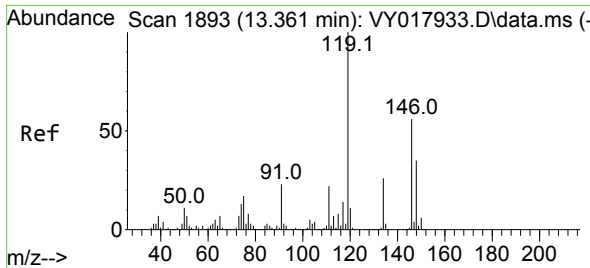
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 22.2 10.7 32.1

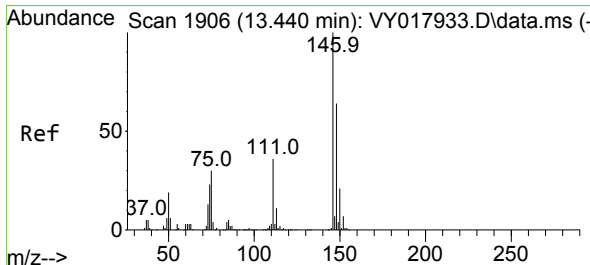
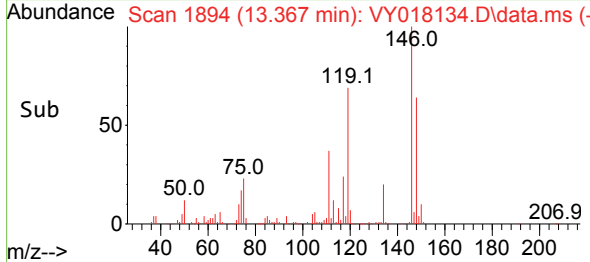
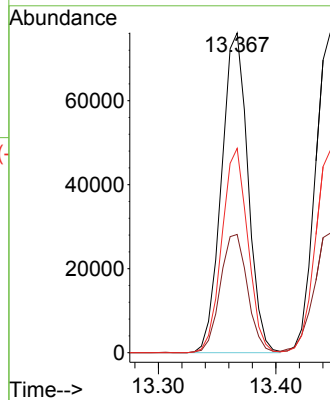
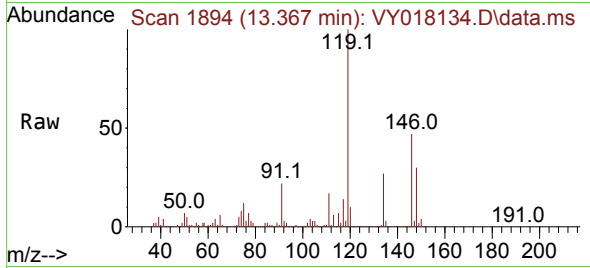




#87
1,3-Dichlorobenzene
Concen: 20.156 ug/l
RT: 13.367 min Scan# 119267
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

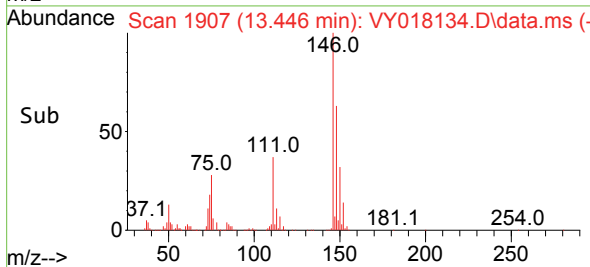
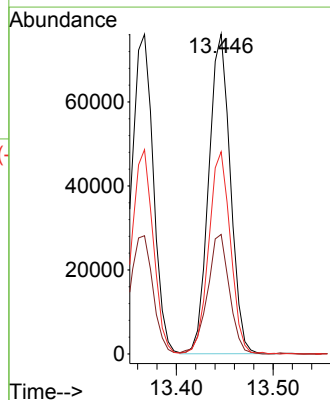
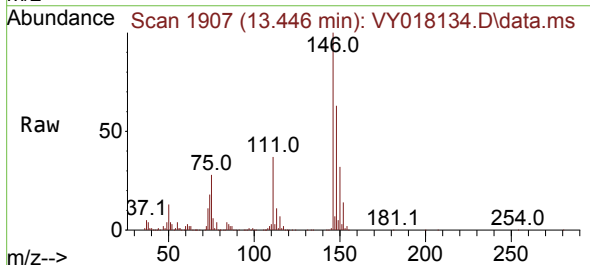
Instrument :
MSVOA_Y
ClientSampleId :

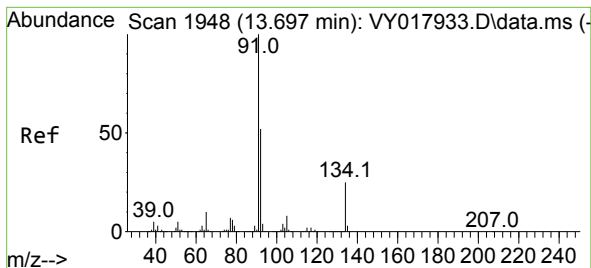
Tgt Ion:146 Resp: 119267
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 62.5 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 20.245 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018134.D
Acq: 03 May 2024 11:19

Tgt Ion:146 Resp: 118071
Ion Ratio Lower Upper
146 100
111 38.1 18.4 55.4
148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 20.784 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

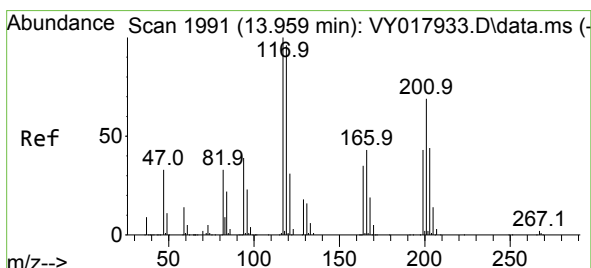
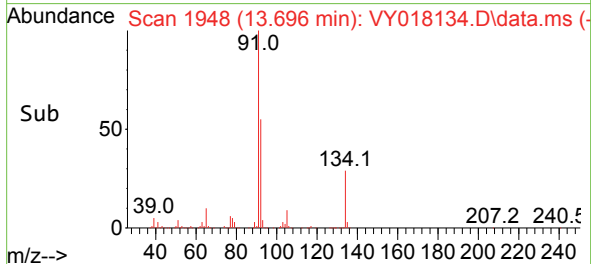
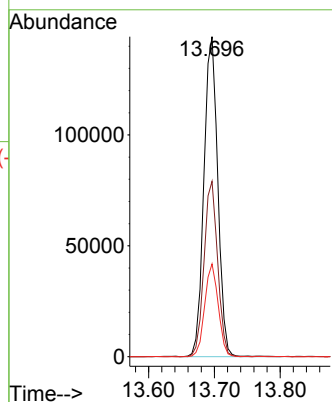
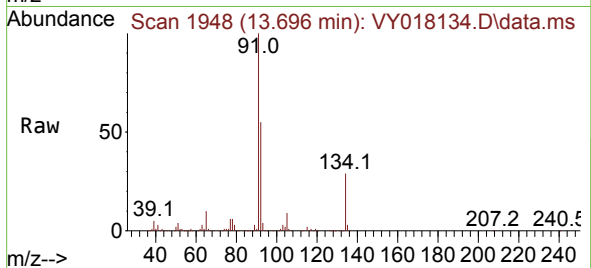
Tgt Ion: 91 Resp: 211320

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 28.3 12.9 38.7



#90

Hexachloroethane

Concen: 19.749 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018134.D

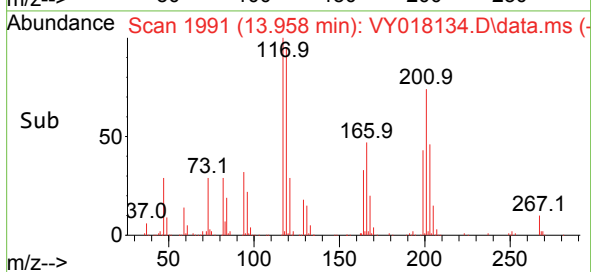
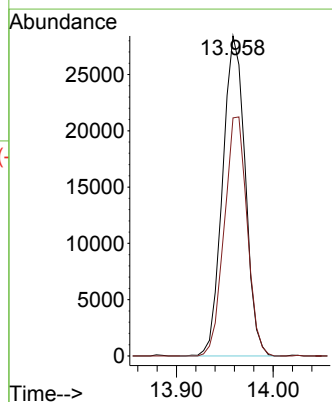
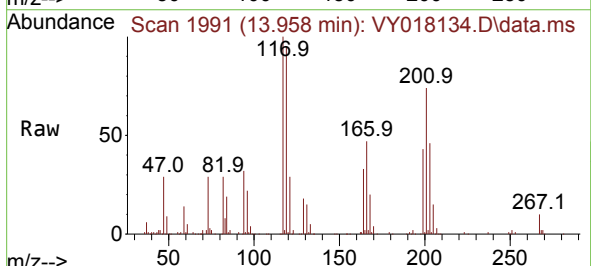
Acq: 03 May 2024 11:19

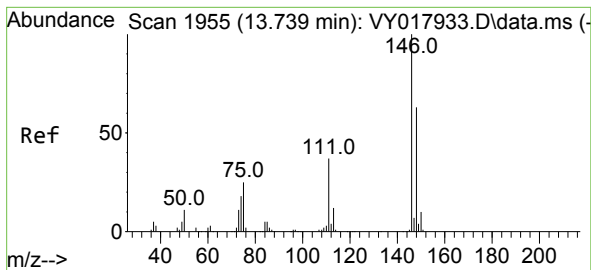
Tgt Ion: 117 Resp: 46098

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.301 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

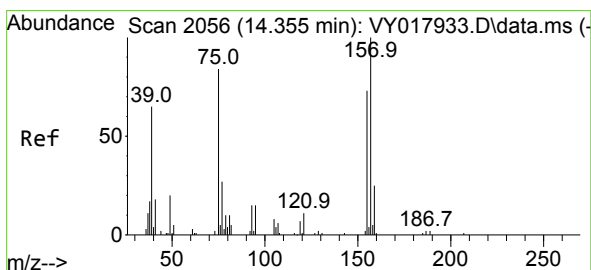
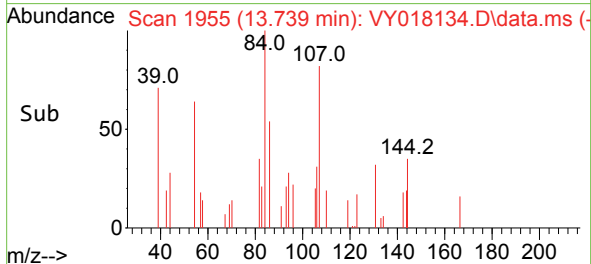
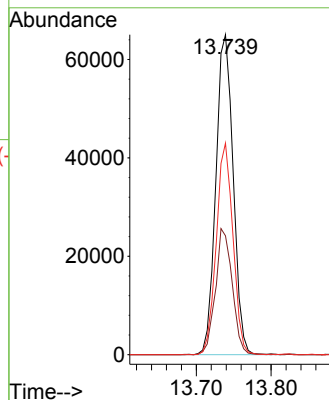
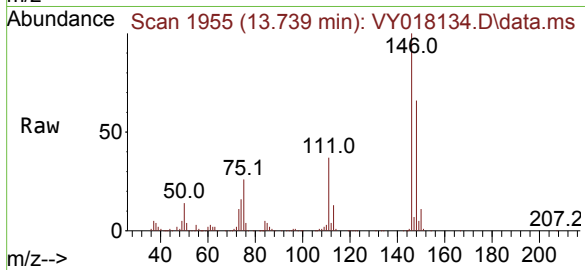
Tgt Ion:146 Resp: 104675

Ion Ratio Lower Upper

146 100

111 38.3 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.137 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

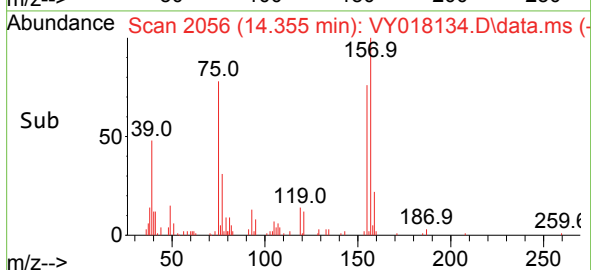
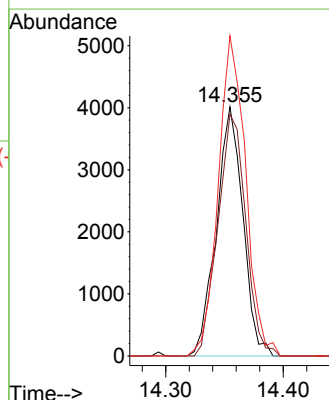
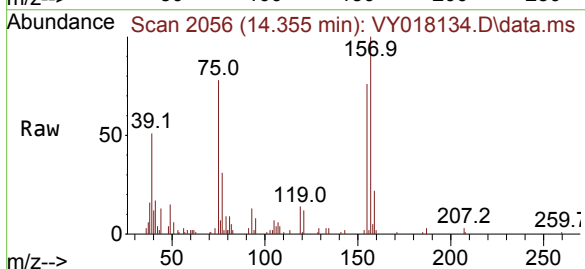
Tgt Ion: 75 Resp: 6293

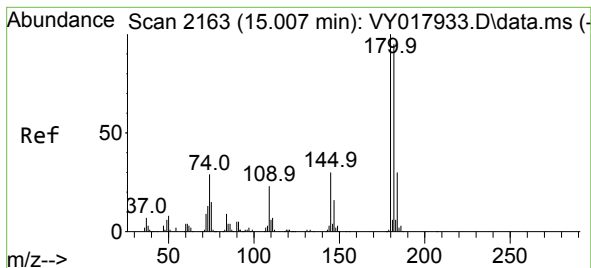
Ion Ratio Lower Upper

75 100

155 101.9 48.6 145.8

157 132.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.883 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

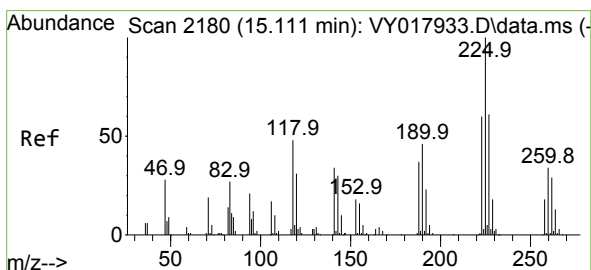
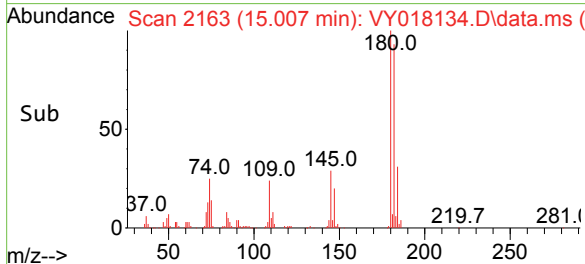
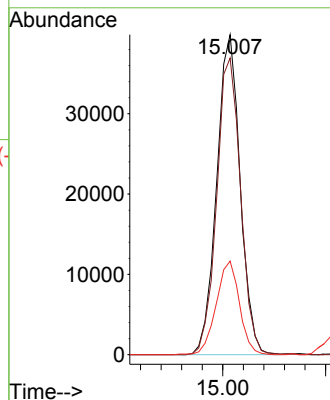
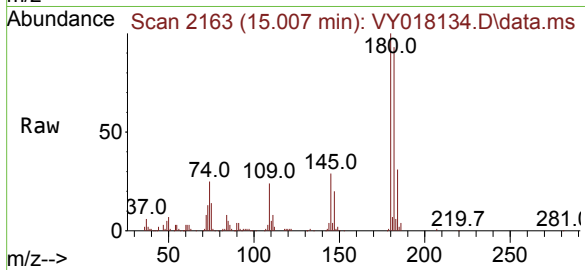
Tgt Ion:180 Resp: 63059

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.342 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

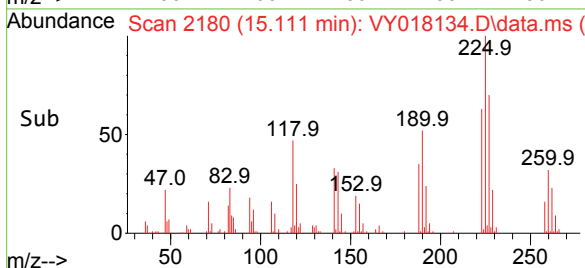
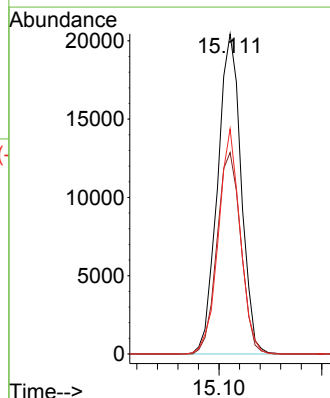
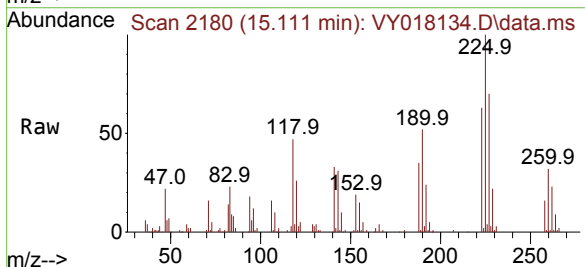
Tgt Ion:225 Resp: 32448

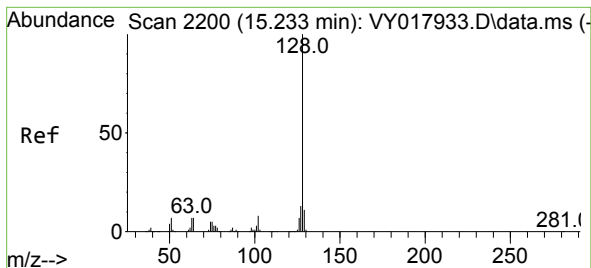
Ion Ratio Lower Upper

225 100

223 63.8 30.4 91.2

227 65.0 31.9 95.9





#95

Naphthalene

Concen: 21.901 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

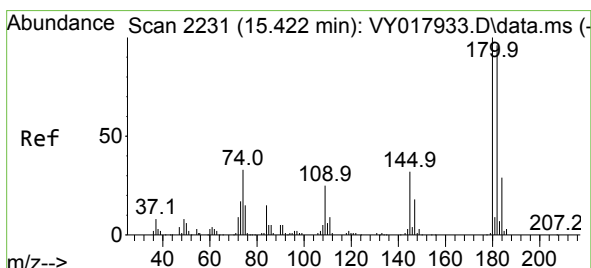
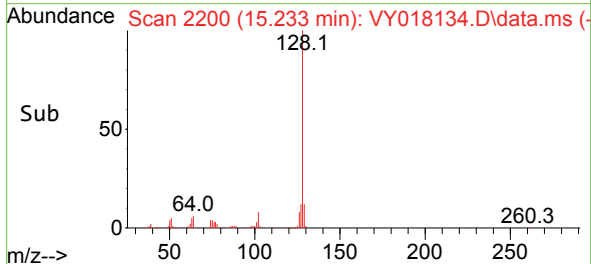
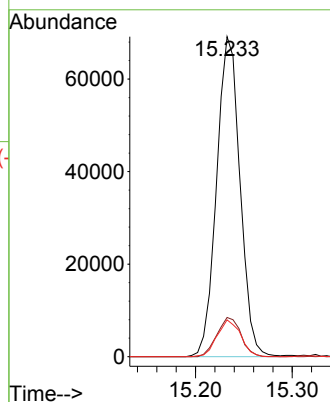
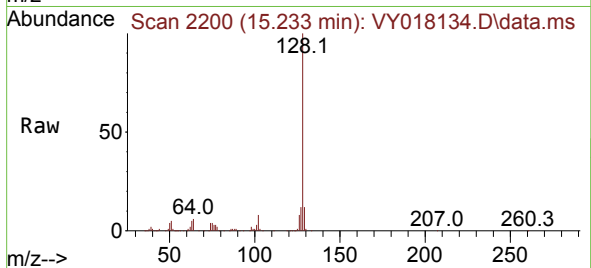
Tgt Ion:128 Resp: 116206

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 11.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.179 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018134.D

Acq: 03 May 2024 11:19

Tgt Ion:180 Resp: 53332

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 30.8 15.4 46.1

