

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018154.D
 Acq On : 06 May 2024 11:06
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 23:43:39 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	255956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99247	49.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.380%
35) Dibromofluoromethane	7.716	113	115186	46.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.179	98	451843	47.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.483	95	146748	44.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43401	21.242	ug/l	98
3) Chloromethane	2.107	50	56965	21.339	ug/l	99
4) Vinyl Chloride	2.247	62	67158	23.251	ug/l	95
5) Bromomethane	2.637	94	47423	26.600	ug/l	97
6) Chloroethane	2.784	64	43694	24.291	ug/l	100
7) Trichlorofluoromethane	3.113	101	82259	21.392	ug/l	95
8) Diethyl Ether	3.521	74	27510	22.281	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	51752	21.566	ug/l	98
10) Methyl Iodide	4.088	142	63073	19.831	ug/l	97
11) Tert butyl alcohol	4.954	59	20713	125.966	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	51173	20.912	ug/l	95
13) Acrolein	3.723	56	25500	104.192	ug/l	98
14) Allyl chloride	4.466	41	67003	20.710	ug/l	98
15) Acrylonitrile	5.143	53	56985	122.875	ug/l	98
16) Acetone	3.936	43	41820	108.807	ug/l	96
17) Carbon Disulfide	4.186	76	136294	18.653	ug/l	97
18) Methyl Acetate	4.472	43	22569	22.928	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	126058	22.449	ug/l	98
20) Methylene Chloride	4.704	84	56215	20.872	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	55501	21.336	ug/l	97
22) Diisopropyl ether	6.112	45	147678	22.163	ug/l	97
23) Vinyl Acetate	6.051	43	463203	109.602	ug/l	98
24) 1,1-Dichloroethane	6.009	63	89089	22.142	ug/l	98
25) 2-Butanone	6.978	43	68494	114.549	ug/l	97
26) 2,2-Dichloropropane	6.966	77	80411	21.369	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	68362	22.036	ug/l	95
28) Bromochloromethane	7.332	49	34159	21.008	ug/l	89
29) Tetrahydrofuran	7.344	42	45683	120.178	ug/l	96
30) Chloroform	7.502	83	94285	22.144	ug/l	96
31) Cyclohexane	7.777	56	78113	20.206	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	82023	21.106	ug/l	98
36) 1,1-Dichloropropene	7.911	75	66544	20.250	ug/l	96
37) Ethyl Acetate	7.063	43	32410	22.664	ug/l #	95
38) Carbon Tetrachloride	7.893	117	72606	19.467	ug/l	95
39) Methylcyclohexane	9.179	83	93474	19.367	ug/l	98
40) Benzene	8.161	78	223265	21.144	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	22514	26.697	ug/l #	35
42) 1,2-Dichloroethane	8.234	62	50173	20.510	ug/l	95
43) Isopropyl Acetate	8.271	43	63735	21.214	ug/l	95
44) Trichloroethene	8.935	130	61794	20.636	ug/l	94
45) 1,2-Dichloropropane	9.209	63	49363	21.426	ug/l	97
46) Dibromomethane	9.307	93	28165	20.108	ug/l	95
47) Bromodichloromethane	9.496	83	71179	20.699	ug/l	97
48) Methyl methacrylate	9.289	41	26968	19.609	ug/l	95
49) 1,4-Dioxane	9.295	88	7592	488.537	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	158909	108.298	ug/l	97
52) Toluene	10.240	92	143375	20.516	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	67361	20.274	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	81973	21.001	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	40904	21.712	ug/l	95
56) Ethyl methacrylate	10.508	69	53728	20.171	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	65416	21.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	119332	95.972	ug/l	93
59) 2-Hexanone	10.831	43	111307	106.283	ug/l	97
60) Dibromochloromethane	10.983	129	52536	20.531	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37957	21.025	ug/l	100
64) Tetrachloroethene	10.721	164	52982	19.711	ug/l	99
65) Chlorobenzene	11.514	112	163603	20.874	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	53554	20.312	ug/l	98
67) Ethyl Benzene	11.593	91	269237	20.484	ug/l	96
68) m/p-Xylenes	11.703	106	215687	40.954	ug/l	97
69) o-Xylene	12.032	106	105873	20.926	ug/l	93
70) Styrene	12.044	104	175036	20.555	ug/l	98
71) Bromoform	12.209	173	30750	19.902	ug/l #	96
73) Isopropylbenzene	12.331	105	265506	20.449	ug/l	98
74) N-amyl acetate	12.142	43	57087	20.033	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	44836	21.702	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	55027	38.007	ug/l #	100
77) Bromobenzene	12.611	156	63851	20.696	ug/l	93
78) n-propylbenzene	12.672	91	313137	20.944	ug/l	96
79) 2-Chlorotoluene	12.758	91	169127	19.917	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	213111	20.365	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	16122	20.286	ug/l	96
82) 4-Chlorotoluene	12.855	91	175591	20.180	ug/l	96
83) tert-Butylbenzene	13.075	119	194268	20.278	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	210176	20.503	ug/l	99
85) sec-Butylbenzene	13.251	105	288178	20.961	ug/l	97
86) p-Isopropyltoluene	13.367	119	236996	20.685	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	122064	20.686	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120412	20.704	ug/l	99
89) n-Butylbenzene	13.696	91	217141	21.416	ug/l	98
90) Hexachloroethane	13.965	117	47448	20.384	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	108022	21.009	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6234	20.003	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	61871	21.530	ug/l	99
94) Hexachlorobutadiene	15.111	225	34065	21.415	ug/l	99
95) Naphthalene	15.239	128	110470	20.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50972	21.257	ug/l	98

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QLast Update : Wed May 01 16:21:20 2024
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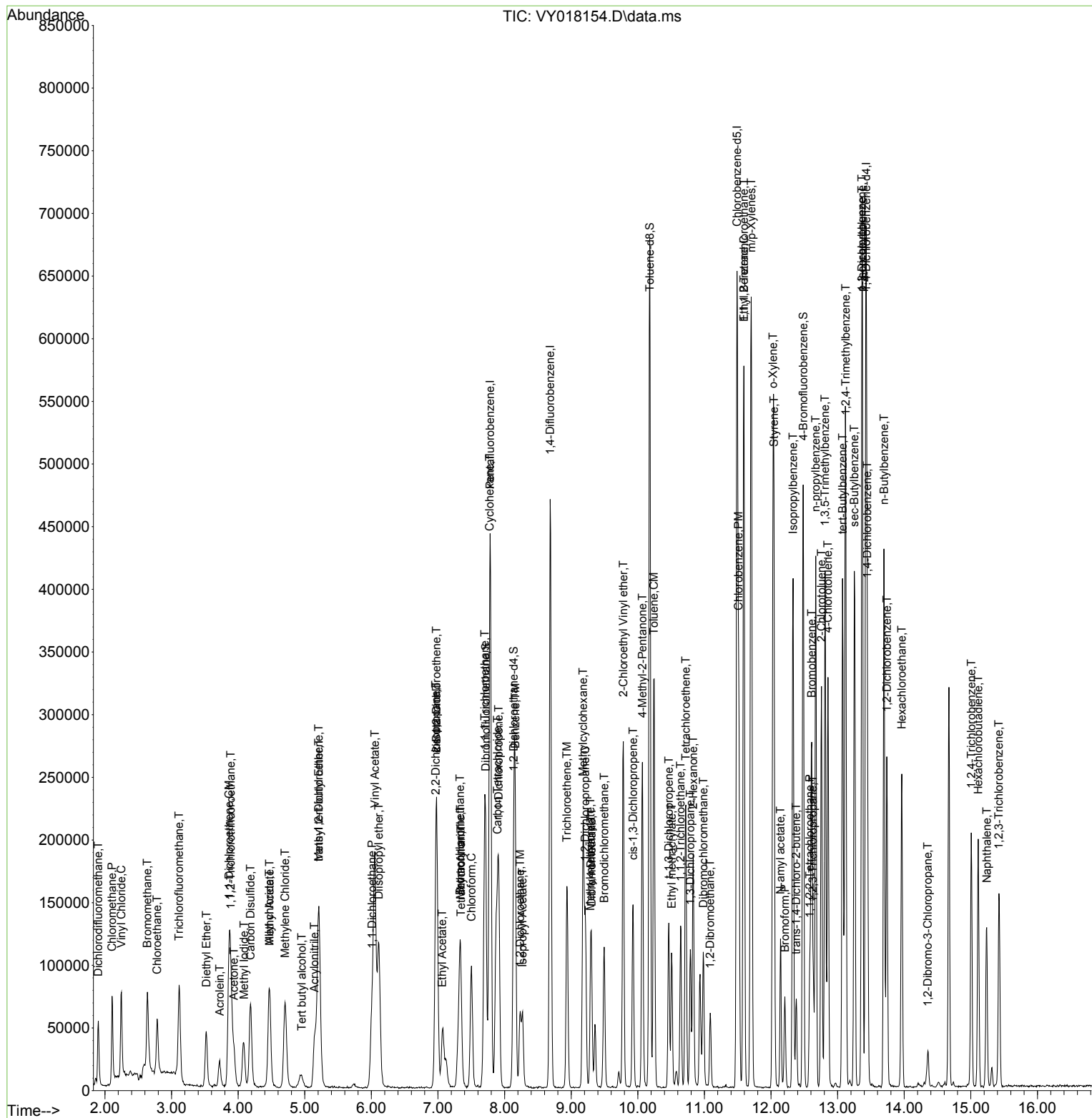
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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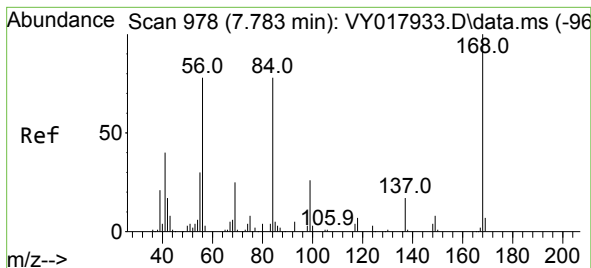
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY018154.D

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Instrument :

MSVOA_Y

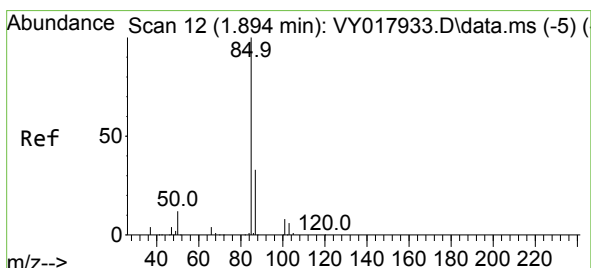
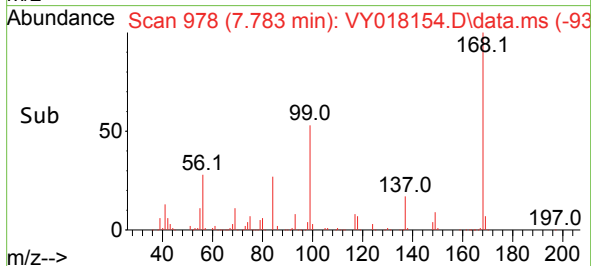
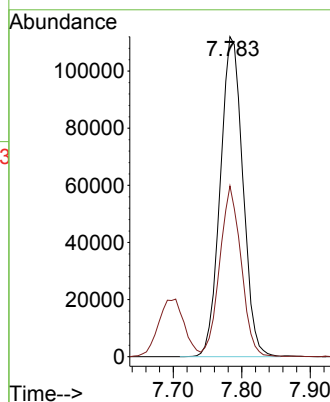
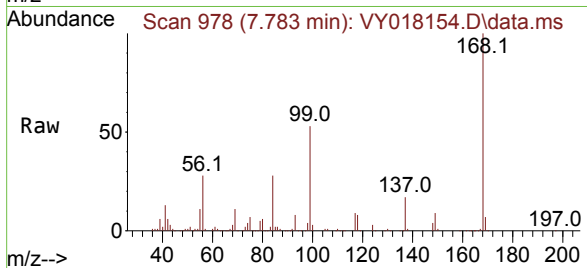
ClientSampleId :

Tgt Ion:168 Resp: 255956

Ion Ratio Lower Upper

168 100

99 53.2 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 21.242 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018154.D

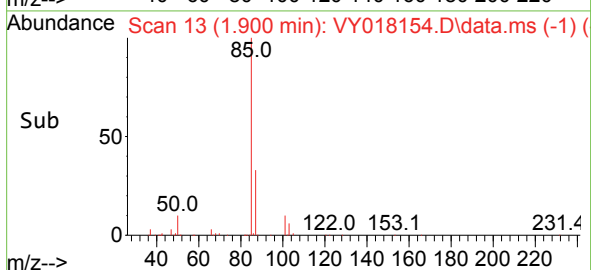
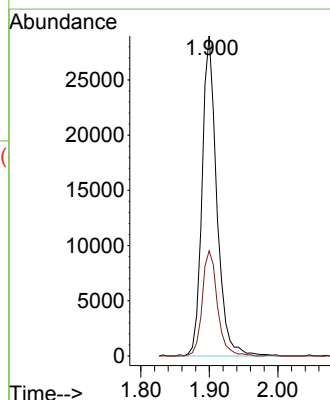
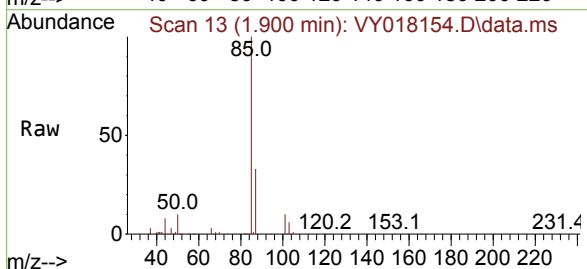
Acq: 06 May 2024 11:06

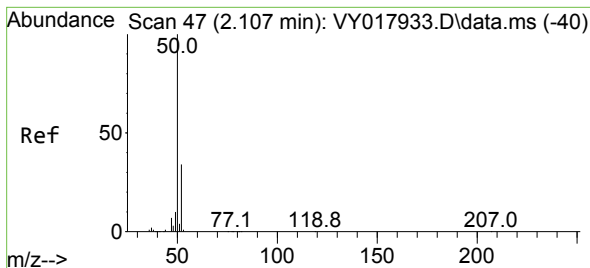
Tgt Ion: 85 Resp: 43401

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0

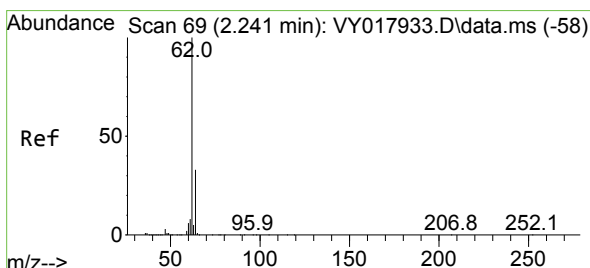
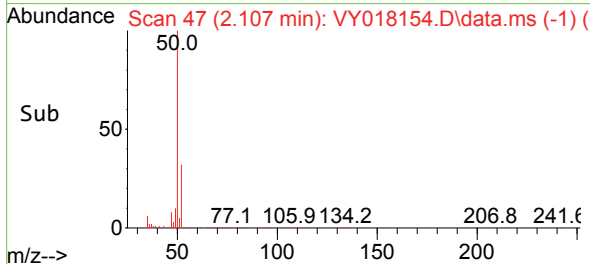
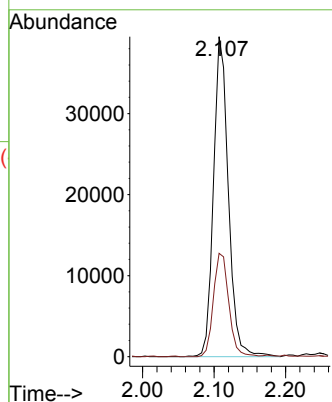
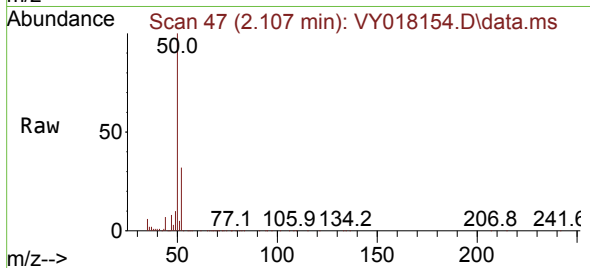




#3
Chloromethane
Concen: 21.339 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

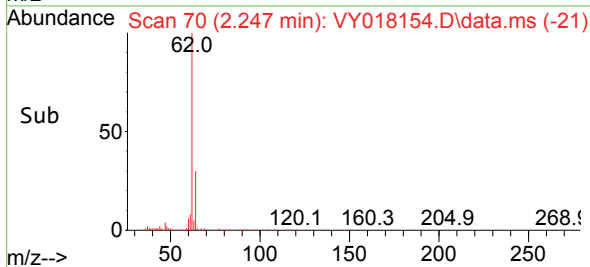
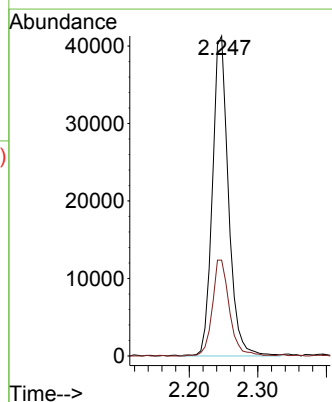
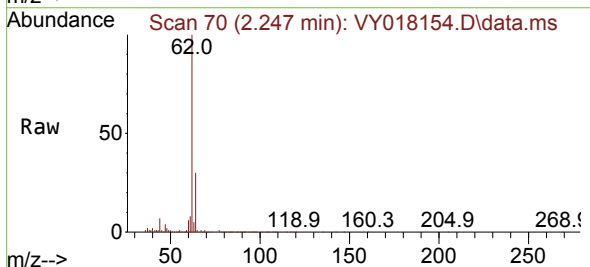
Instrument :
MSVOA_Y
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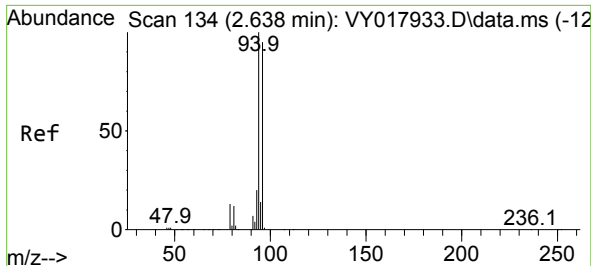
Tgt Ion: 50 Resp: 56965
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 23.251 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 62 Resp: 67158
Ion Ratio Lower Upper
62 100
64 29.9 26.1 39.1

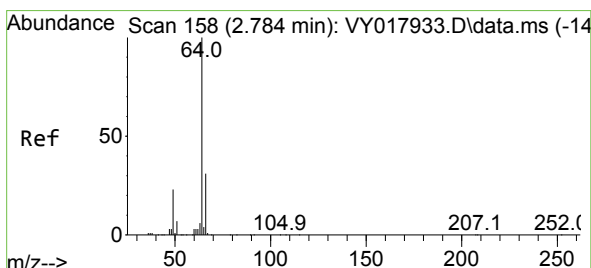
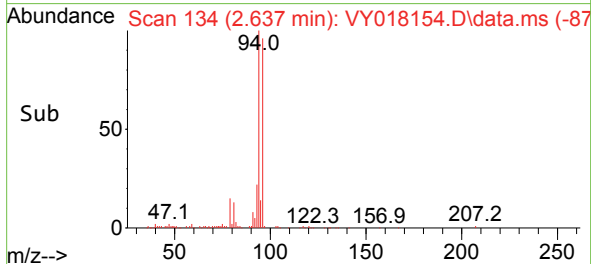
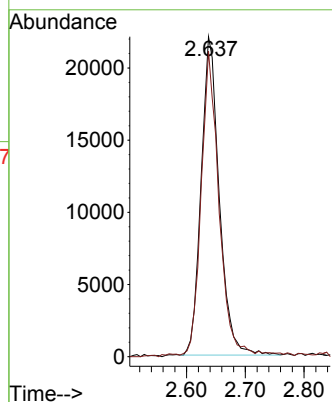
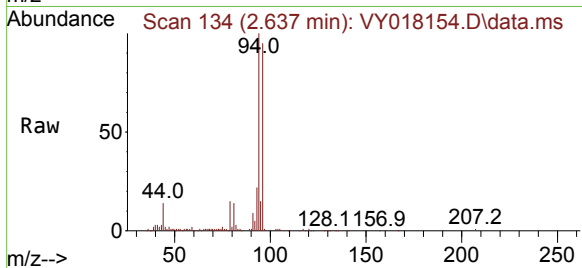




#5
Bromomethane
Concen: 26.600 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

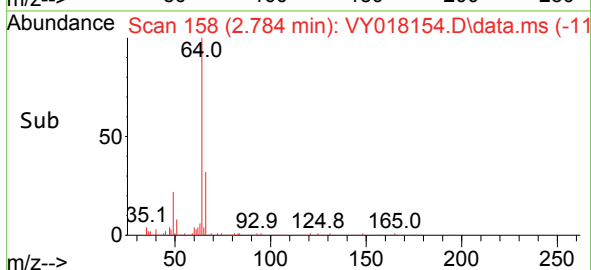
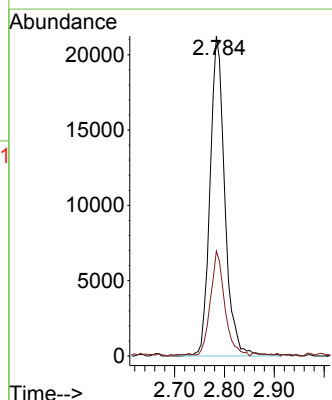
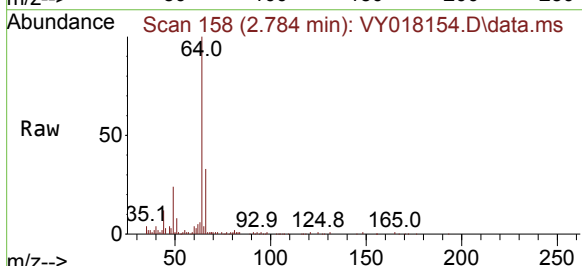
Instrument :
MSVOA_Y
ClientSampleId :

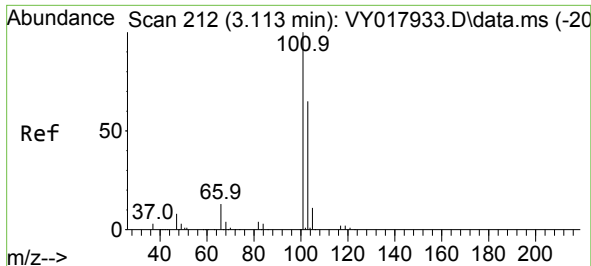
Tgt Ion: 94 Resp: 47423
Ion Ratio Lower Upper
94 100
96 95.5 74.1 111.1



#6
Chloroethane
Concen: 24.291 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY018154.D
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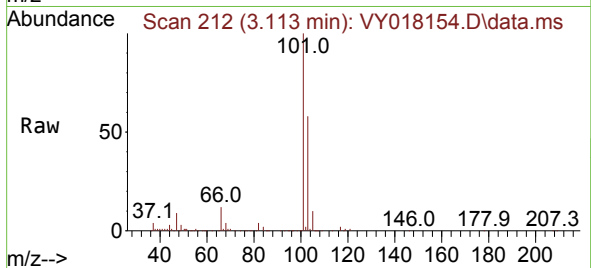
Tgt Ion: 64 Resp: 43694
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1



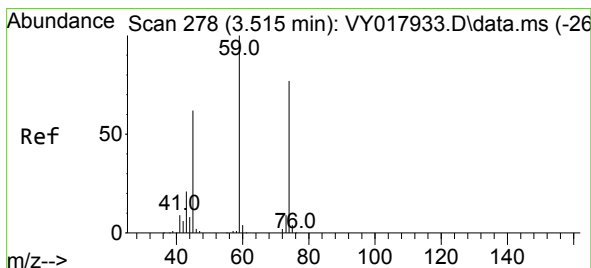
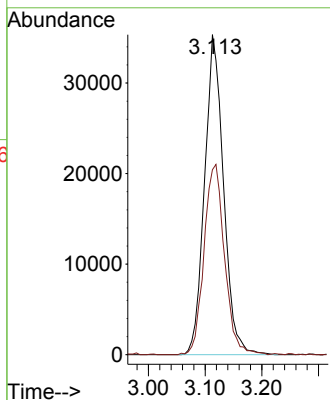
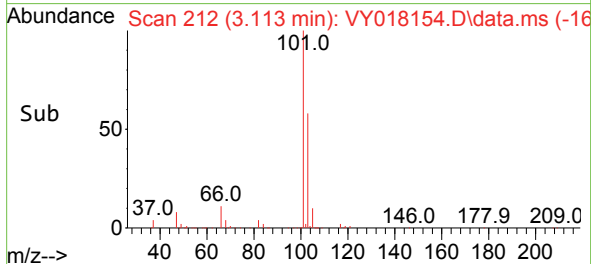


#7
 Trichlorofluoromethane
 Concen: 21.392 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

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 ClientSampleId :

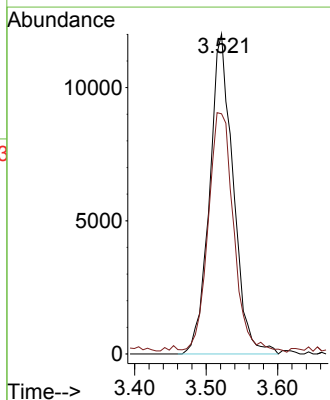
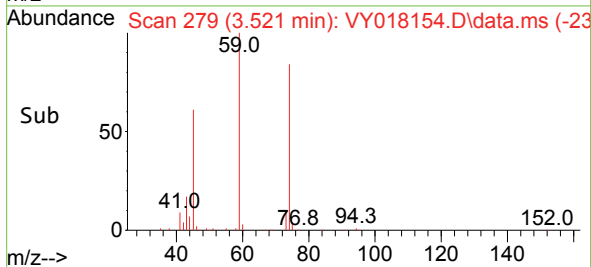
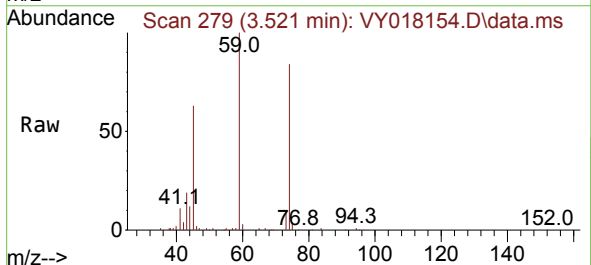


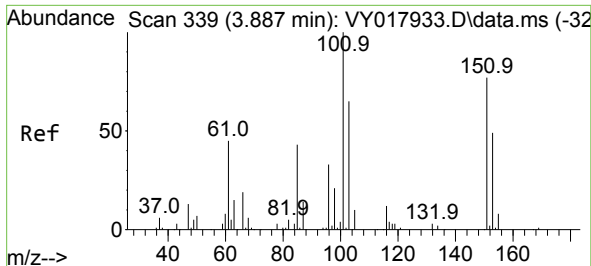
Tgt Ion: 101 Resp: 82259
 Ion Ratio Lower Upper
 101 100
 103 57.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 22.281 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY018154.D
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Tgt Ion: 74 Resp: 27510
 Ion Ratio Lower Upper
 74 100
 45 81.0 41.3 124.1

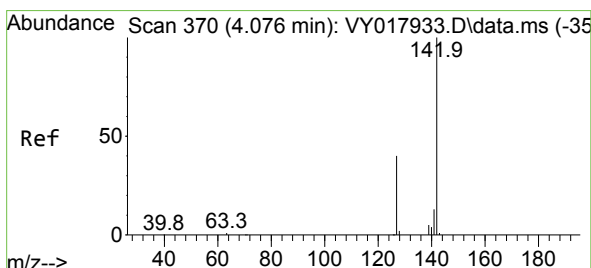
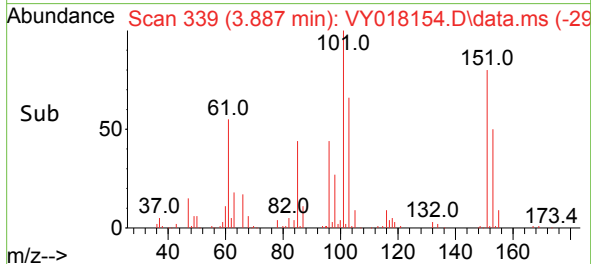
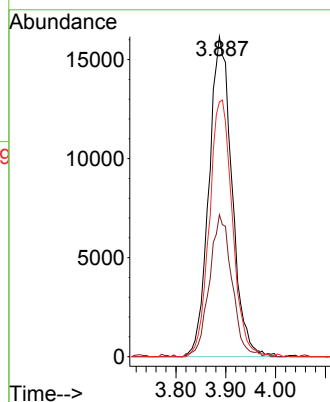
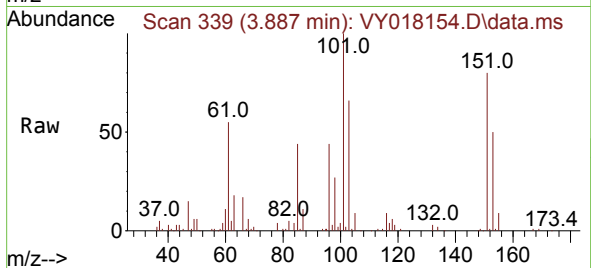




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.566 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

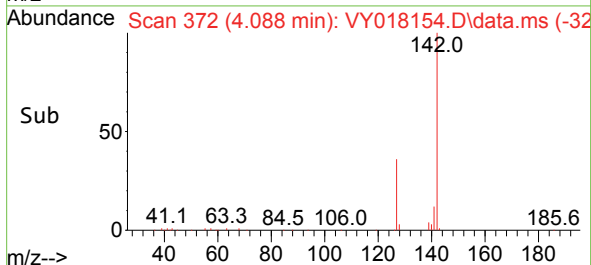
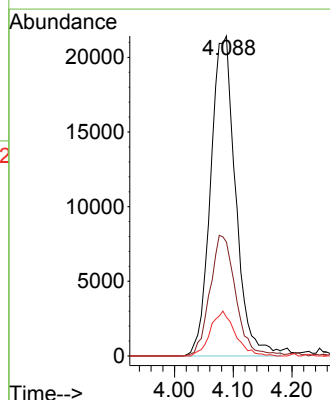
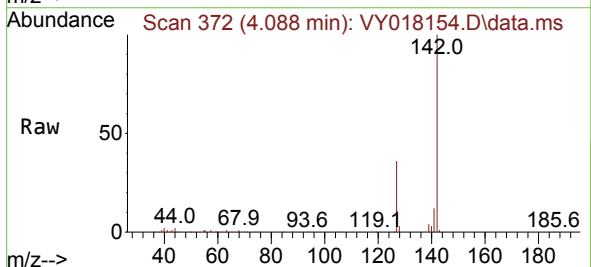
Instrument :
 MSVOA_Y
 ClientSampleId :

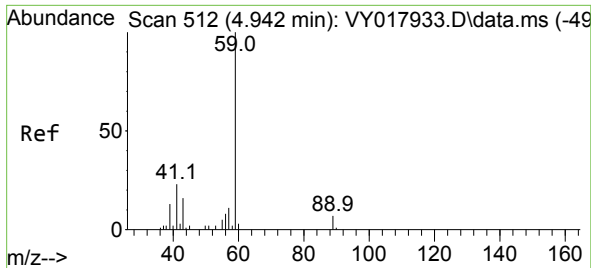
Tgt Ion:101 Resp: 51752
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.5 51.7
 151 79.9 61.7 92.5



#10
 Methyl Iodide
 Concen: 19.831 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

Tgt Ion:142 Resp: 63073
 Ion Ratio Lower Upper
 142 100
 127 39.0 32.8 49.2
 141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 125.966 ug/l

RT: 4.954 min Scan# 512

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

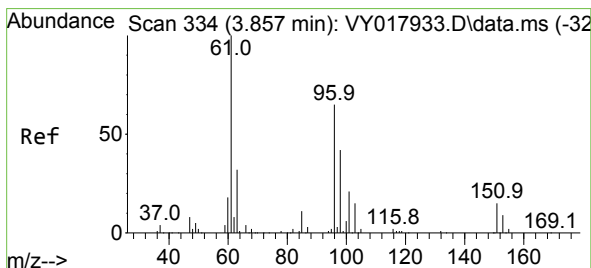
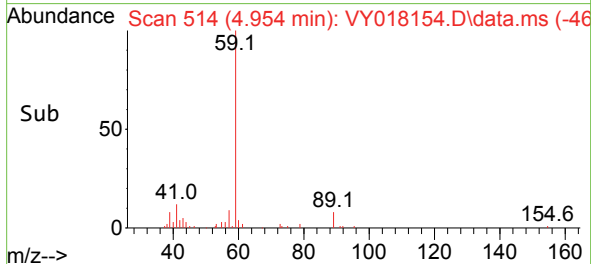
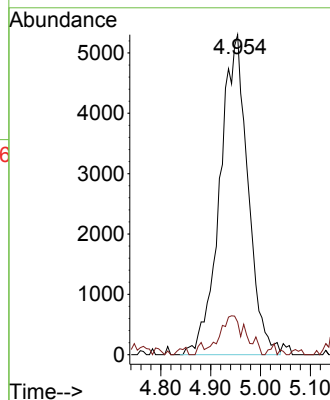
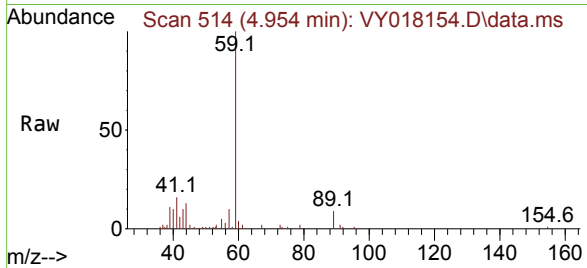
ClientSampleId :

Tgt Ion: 59 Resp: 20713

Ion Ratio Lower Upper

59 100

57 10.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.912 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

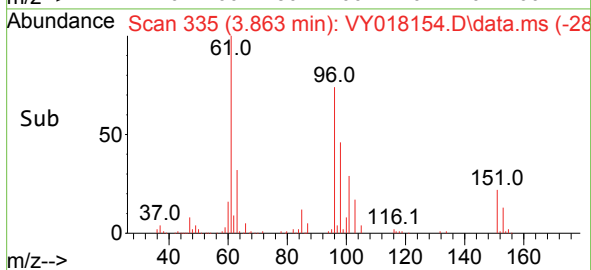
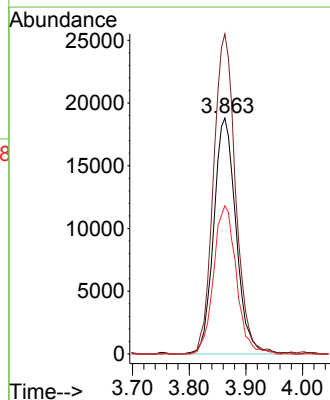
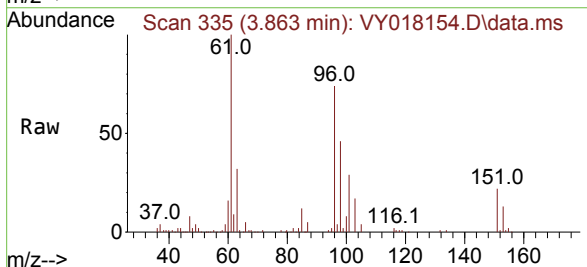
Tgt Ion: 96 Resp: 51173

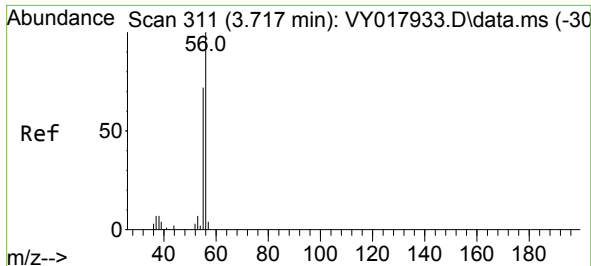
Ion Ratio Lower Upper

96 100

61 135.7 114.6 171.8

98 62.8 50.8 76.2





#13

Acrolein

Concen: 104.192 ug/l

RT: 3.723 min Scan# 311

Delta R.T. -0.006 min

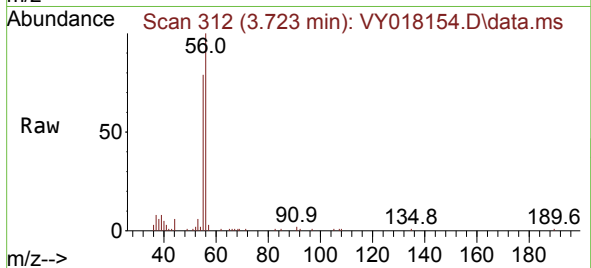
Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

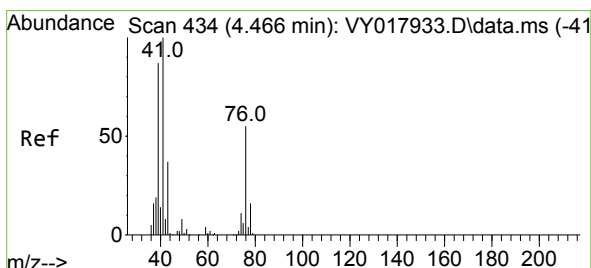
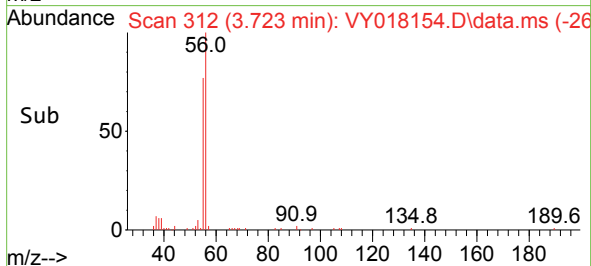
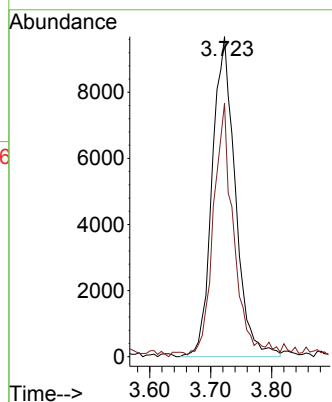


Tgt Ion: 56 Resp: 25500

Ion Ratio Lower Upper

56 100

55 67.6 55.7 83.5



#14

Allyl chloride

Concen: 20.710 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

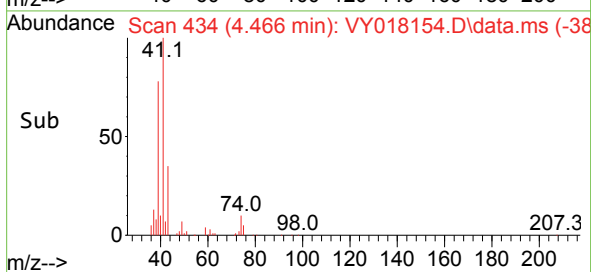
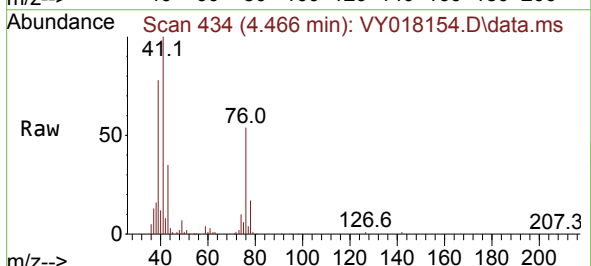
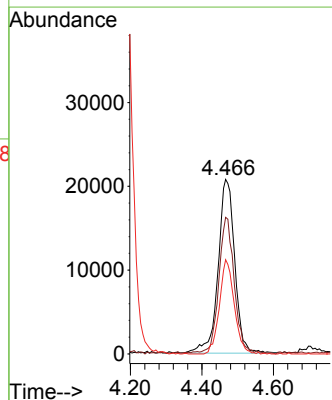
Tgt Ion: 41 Resp: 67003

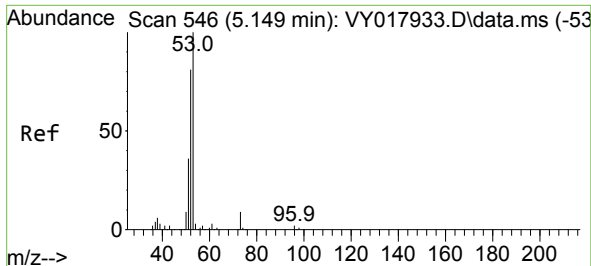
Ion Ratio Lower Upper

41 100

39 74.8 58.3 87.5

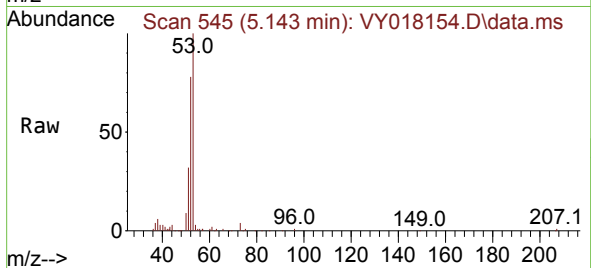
76 48.4 39.0 58.6



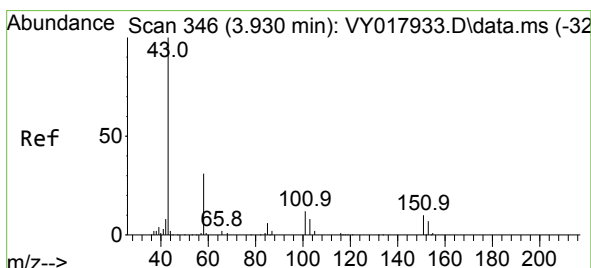
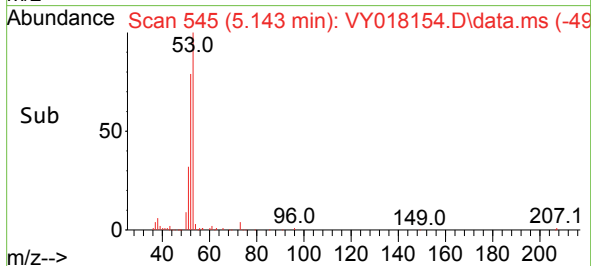
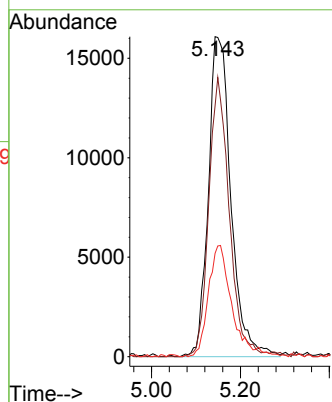


#15
Acrylonitrile
Concen: 122.875 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

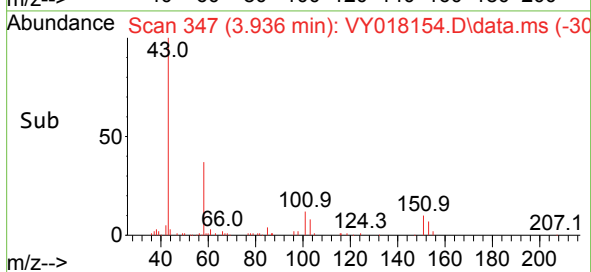
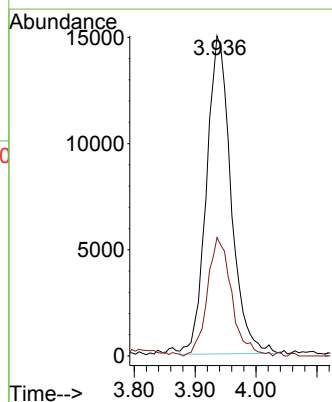
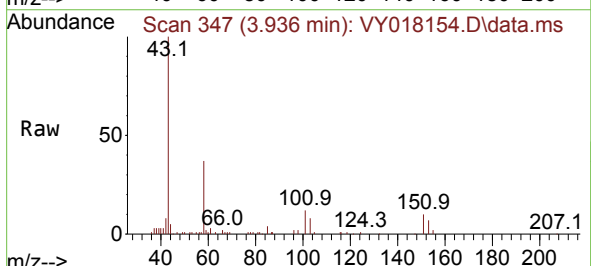


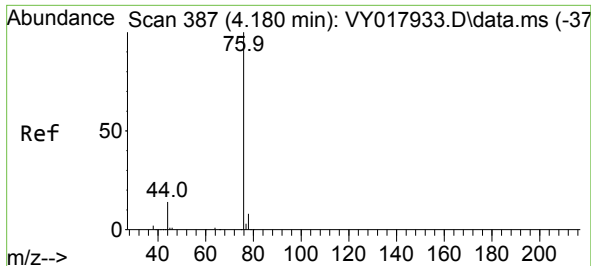
Tgt Ion: 53 Resp: 56985
Ion Ratio Lower Upper
53 100
52 79.0 64.7 97.1
51 36.1 28.4 42.6



#16
Acetone
Concen: 108.807 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

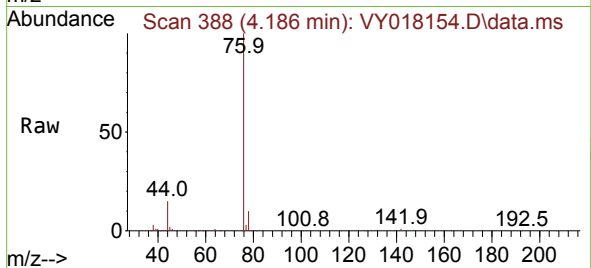
Tgt Ion: 43 Resp: 41820
Ion Ratio Lower Upper
43 100
58 36.8 31.7 47.5



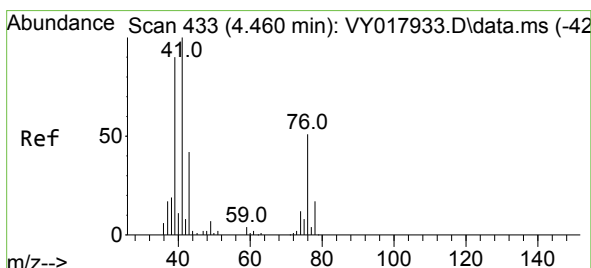
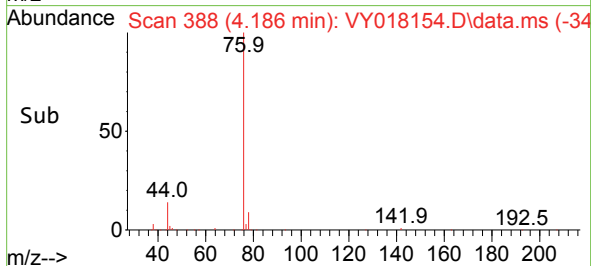
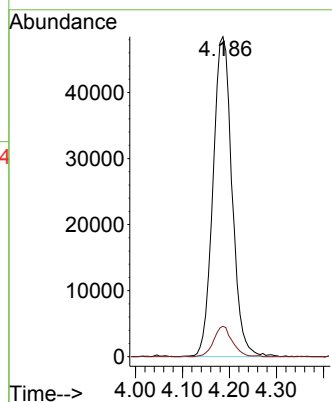


#17
Carbon Disulfide
Concen: 18.653 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

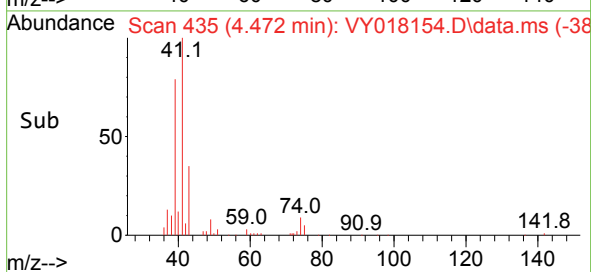
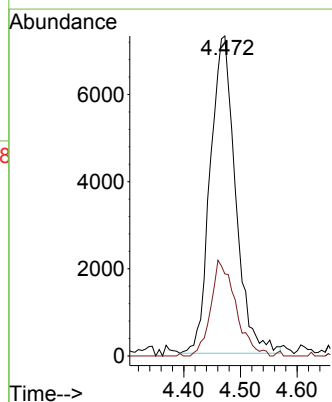
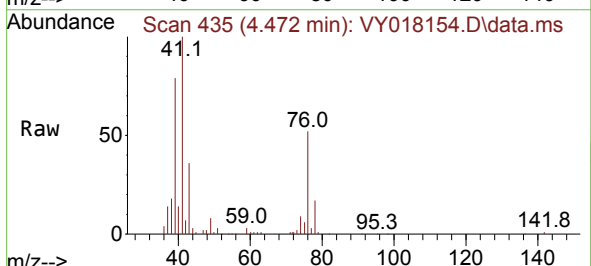


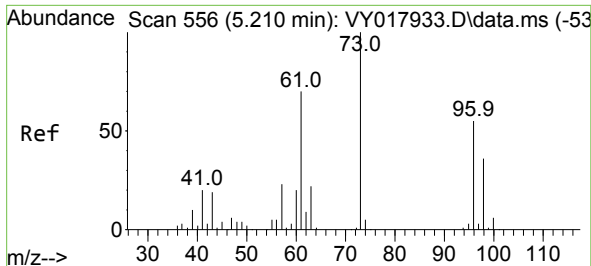
Tgt Ion: 76 Resp: 136294
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 22.928 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 43 Resp: 22569
Ion Ratio Lower Upper
43 100
74 29.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 22.449 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

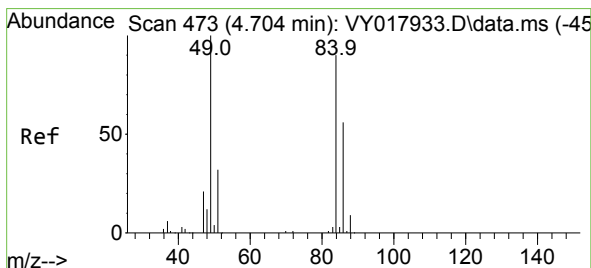
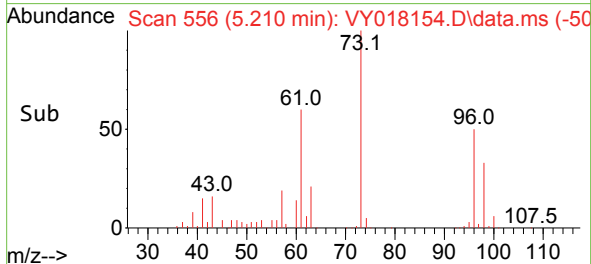
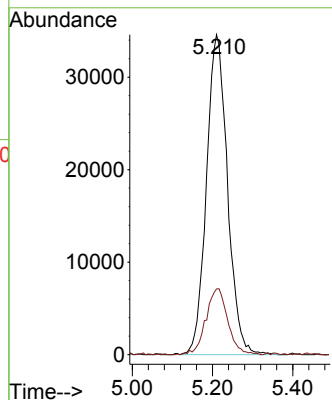
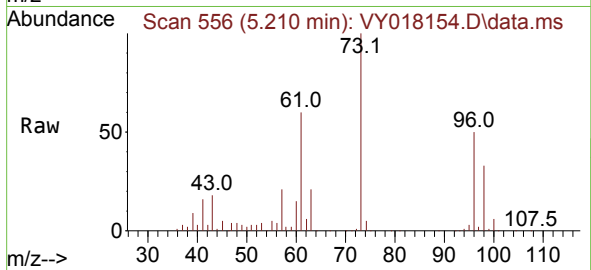
ClientSampleId :

Tgt Ion: 73 Resp: 126058

Ion Ratio Lower Upper

73 100

57 20.6 17.3 25.9



#20

Methylene Chloride

Concen: 20.872 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Tgt Ion: 84 Resp: 56215

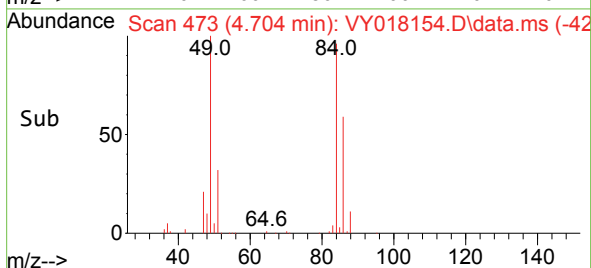
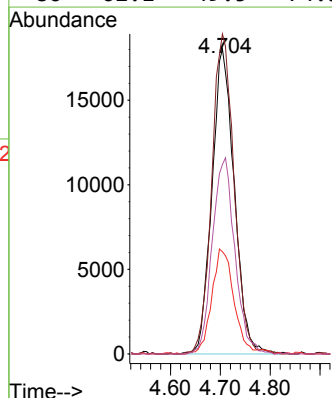
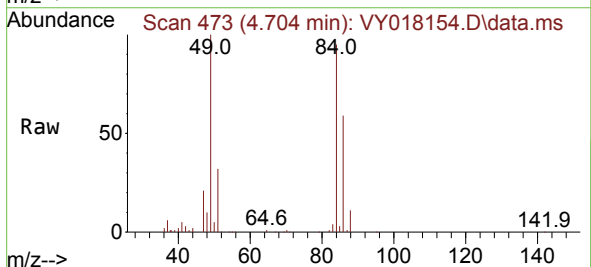
Ion Ratio Lower Upper

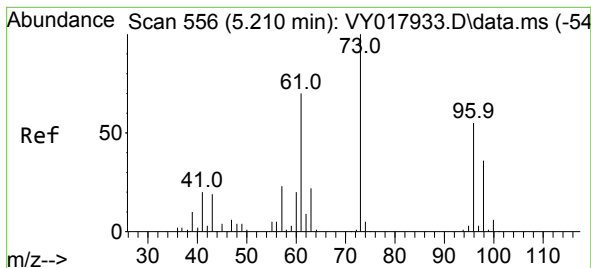
84 100

49 104.9 84.4 126.6

51 33.5 26.0 39.0

86 62.1 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 21.336 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

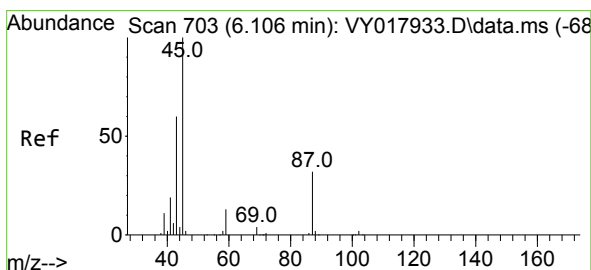
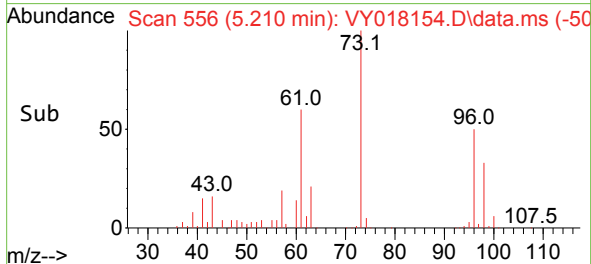
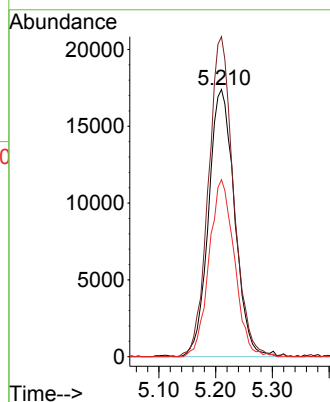
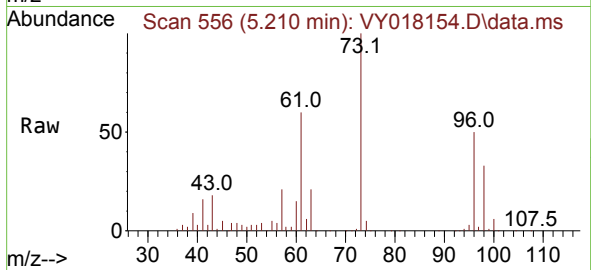
Tgt Ion: 96 Resp: 55501

Ion Ratio Lower Upper

96 100

61 119.4 97.5 146.3

98 66.2 50.5 75.7



#22

Diisopropyl ether

Concen: 22.163 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Tgt Ion: 45 Resp: 147678

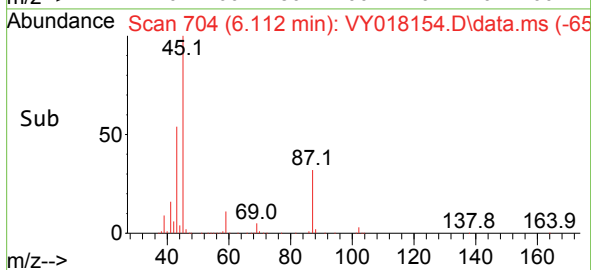
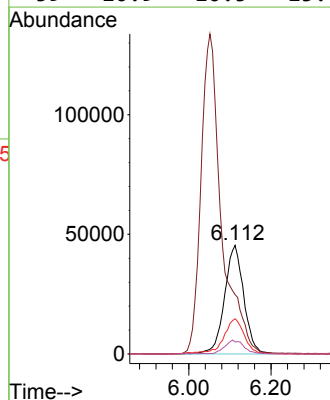
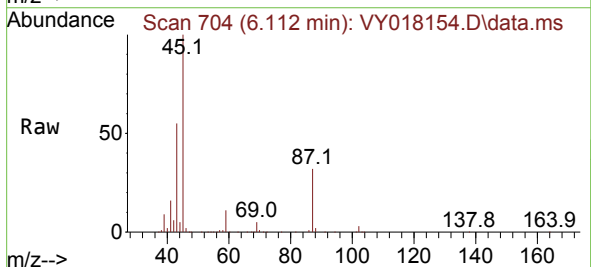
Ion Ratio Lower Upper

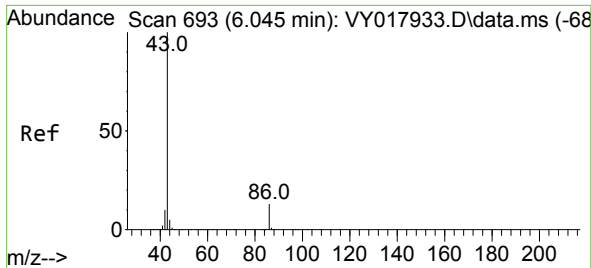
45 100

43 54.3 42.2 63.2

87 32.2 25.0 37.6

59 10.9 10.5 15.7

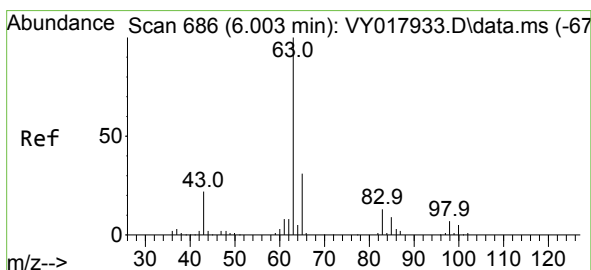
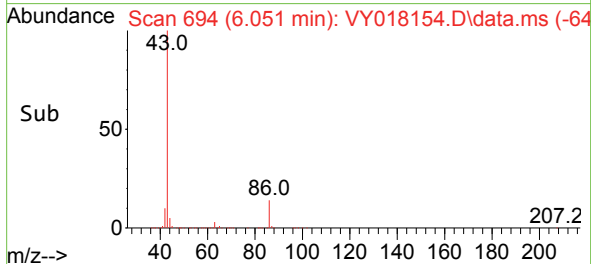
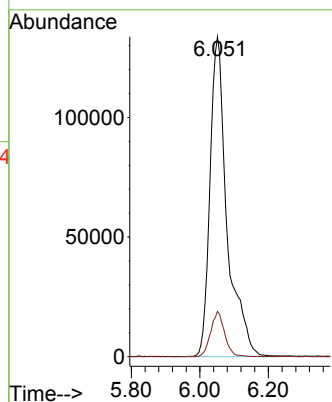
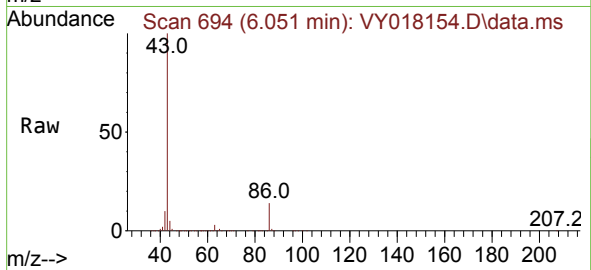




#23
 Vinyl Acetate
 Concen: 109.602 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

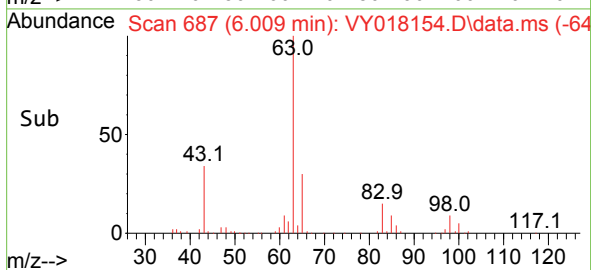
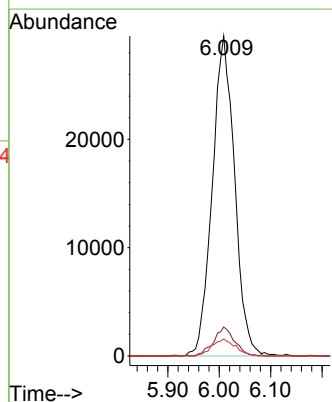
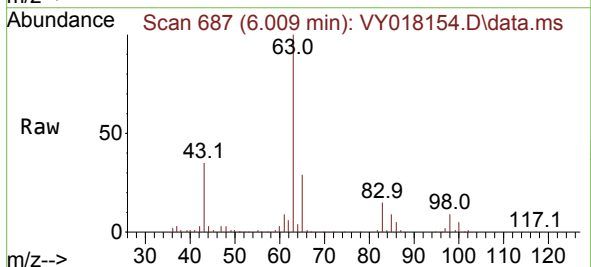
Instrument :
 MSVOA_Y
 ClientSampleId :

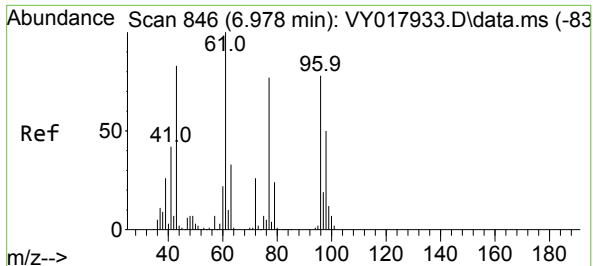
Tgt Ion: 43 Resp: 463203
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 22.142 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

Tgt Ion: 63 Resp: 89089
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 114.549 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

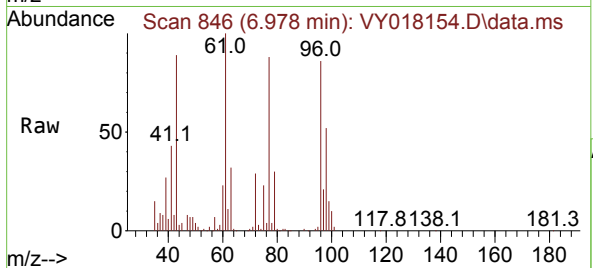
Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

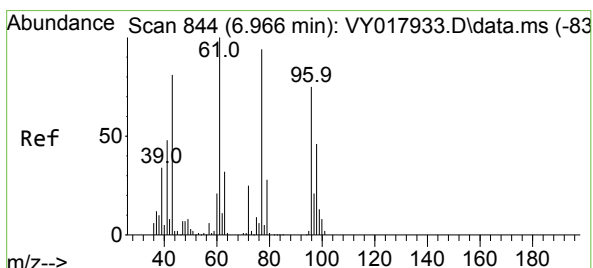
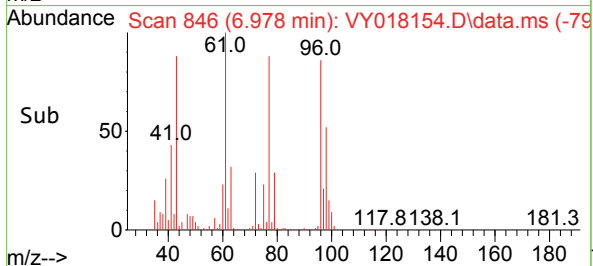
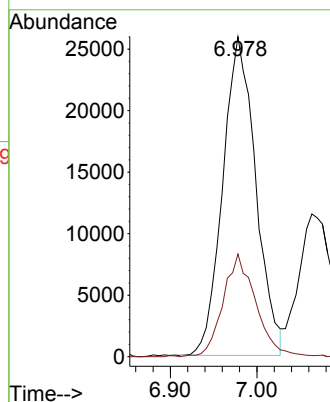


Tgt Ion: 43 Resp: 68494

Ion Ratio Lower Upper

43 100

72 32.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.369 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY018154.D

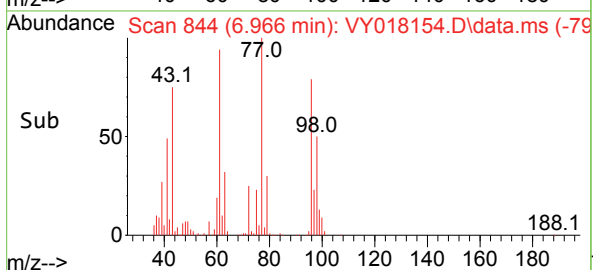
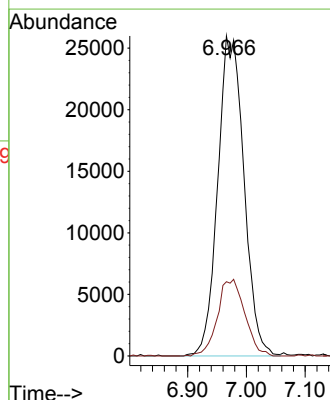
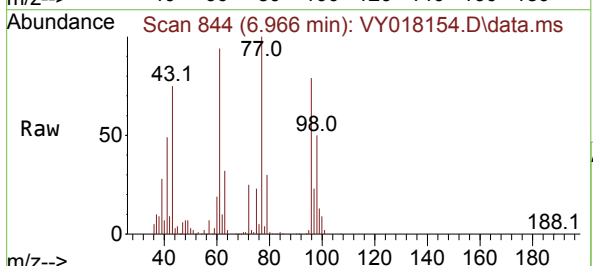
Acq: 06 May 2024 11:06

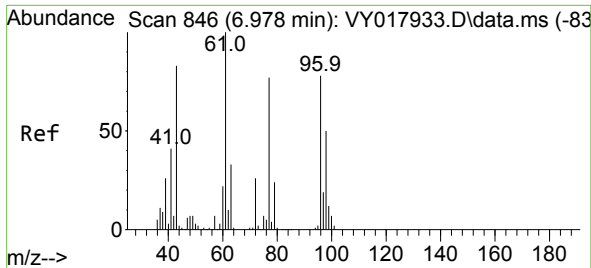
Tgt Ion: 77 Resp: 80411

Ion Ratio Lower Upper

77 100

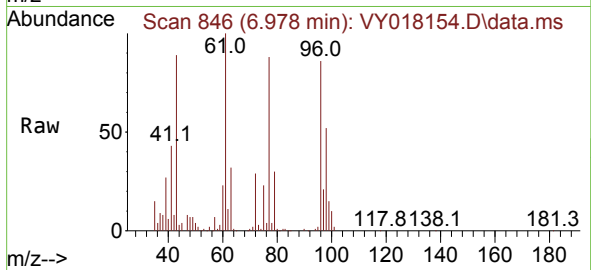
97 24.9 12.0 36.1





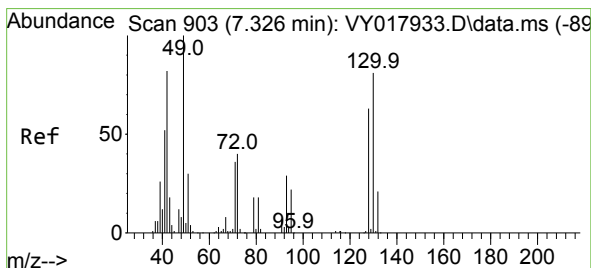
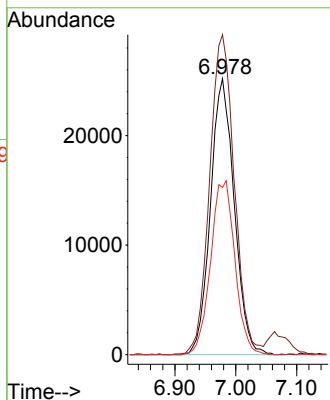
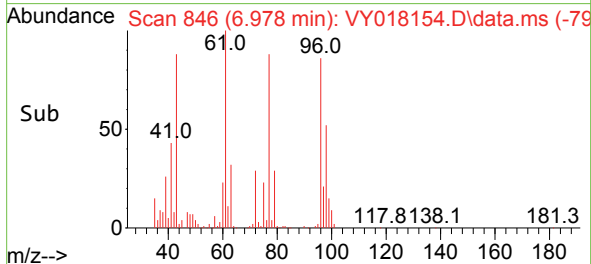
#27
 cis-1,2-Dichloroethene
 Concen: 22.036 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 68362

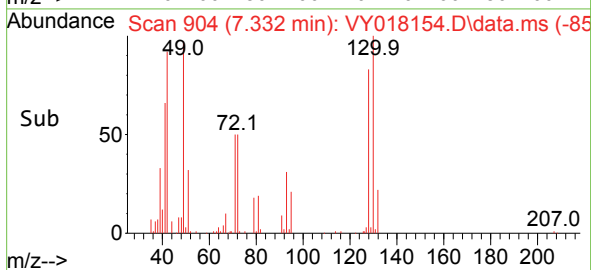
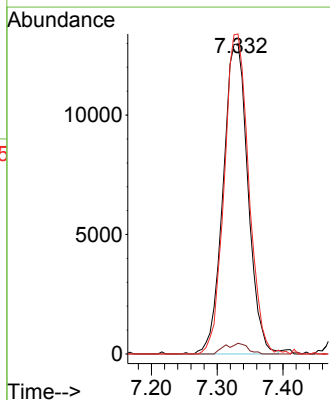
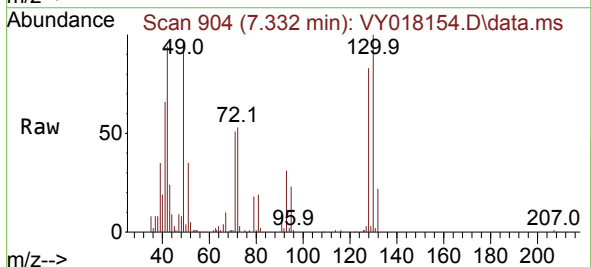
Ion	Ratio	Lower	Upper
96	100		
61	120.5	0.0	256.2
98	64.4	0.0	130.0

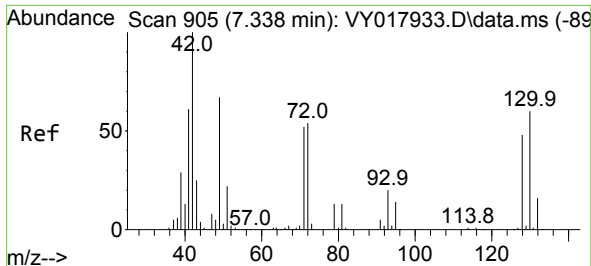


#28
 Bromochloromethane
 Concen: 21.008 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

Tgt Ion: 49 Resp: 34159

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.6
130	101.7	72.7	109.1





#29

Tetrahydrofuran

Concen: 120.178 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

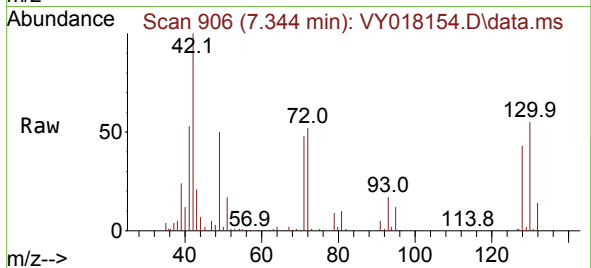
Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :



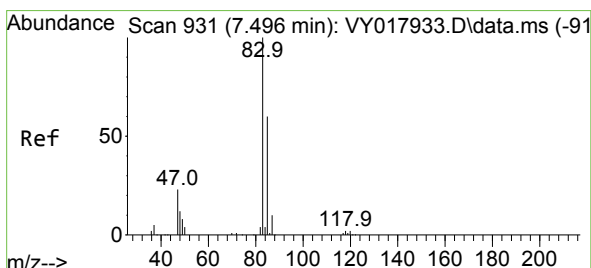
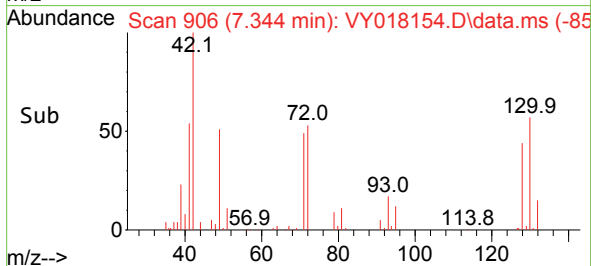
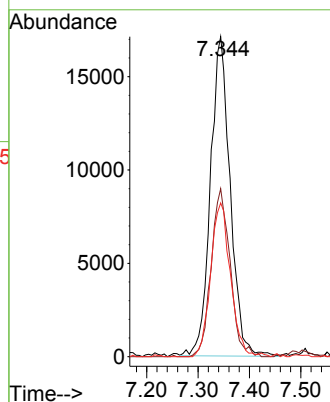
Tgt Ion: 42 Resp: 45683

Ion Ratio Lower Upper

42 100

72 50.6 43.0 64.4

71 48.0 40.8 61.2



#30

Chloroform

Concen: 22.144 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY018154.D

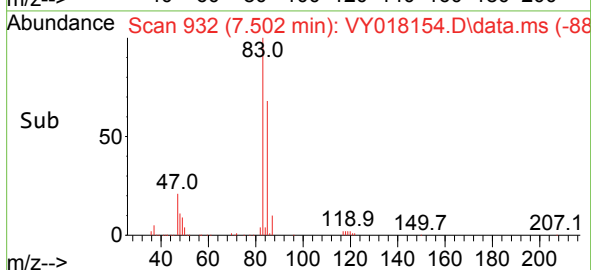
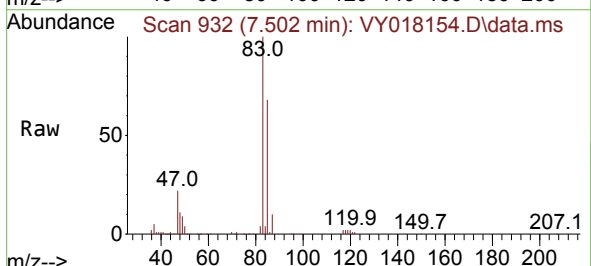
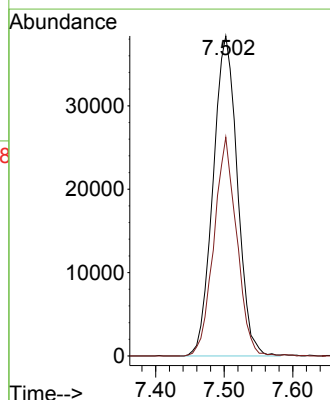
Acq: 06 May 2024 11:06

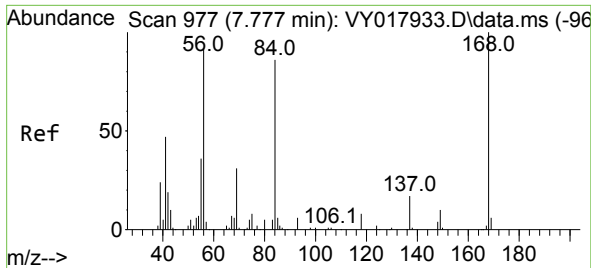
Tgt Ion: 83 Resp: 94285

Ion Ratio Lower Upper

83 100

85 68.4 52.2 78.4

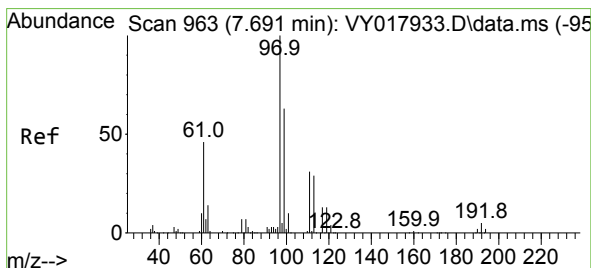
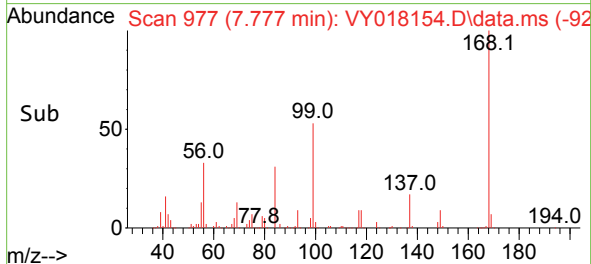
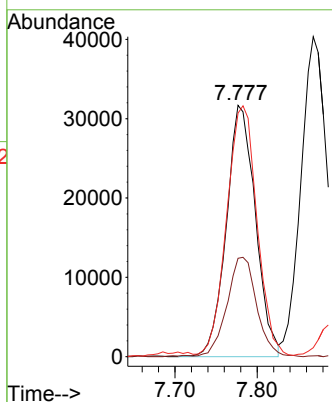
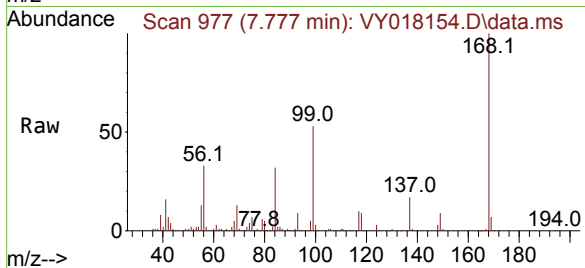




#31
Cyclohexane
Concen: 20.206 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

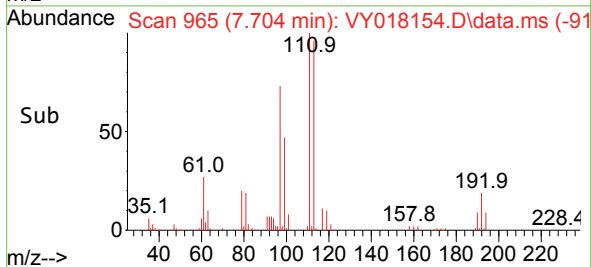
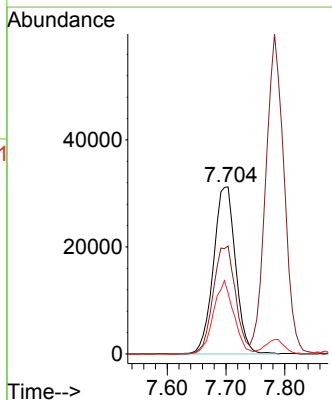
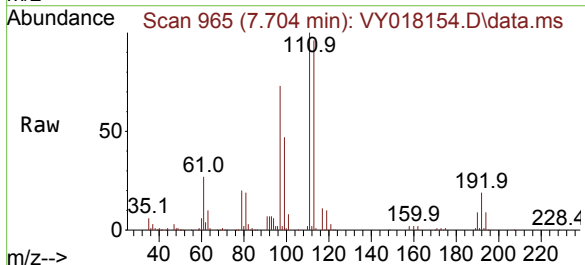
Instrument :
MSVOA_Y
ClientSampleId :

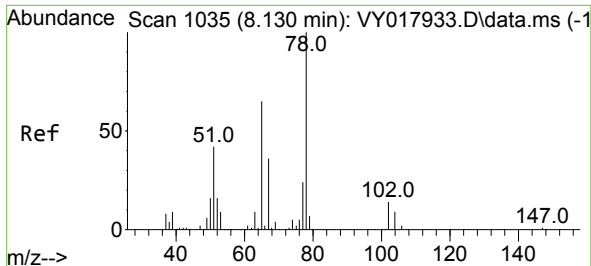
Tgt Ion: 56 Resp: 78113
Ion Ratio Lower Upper
56 100
69 38.9 28.7 43.1
84 95.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.106 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 97 Resp: 82023
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 40.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.192 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

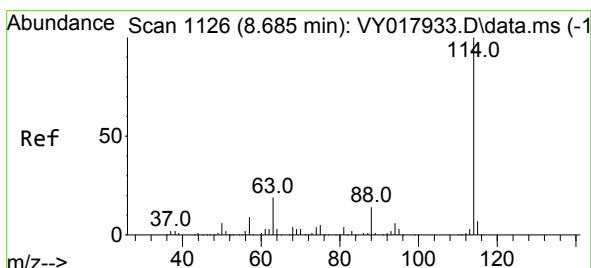
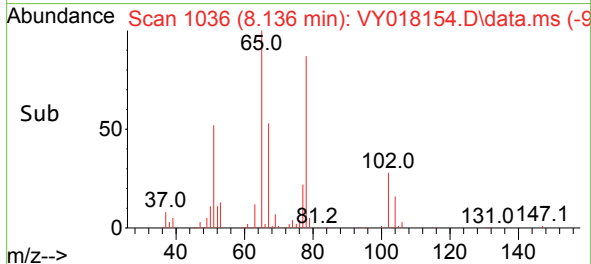
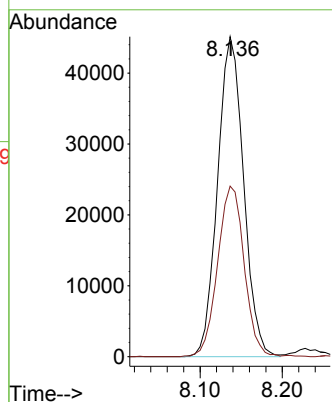
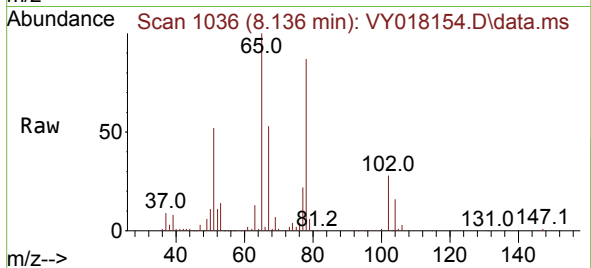
ClientSampleId :

Tgt Ion: 65 Resp: 99247

Ion Ratio Lower Upper

65 100

67 54.5 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: VY018154.D

Acq: 06 May 2024 11:06

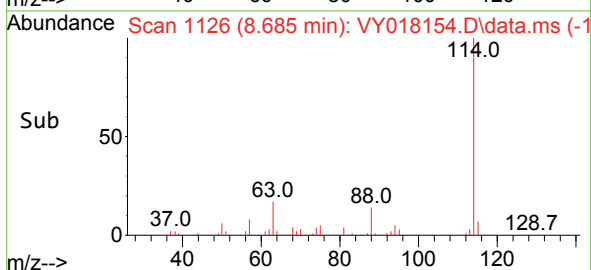
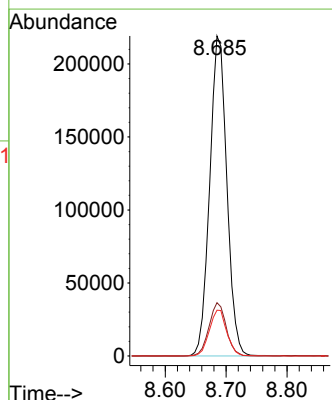
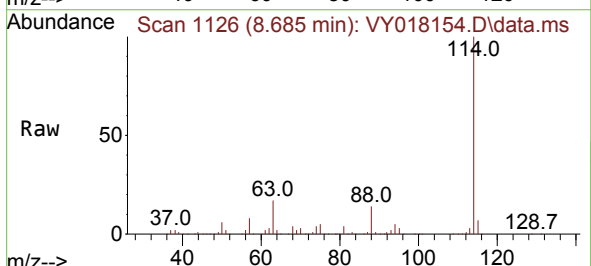
Tgt Ion: 114 Resp: 428377

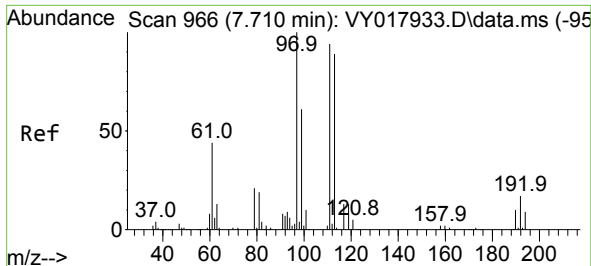
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.3 0.0 27.2

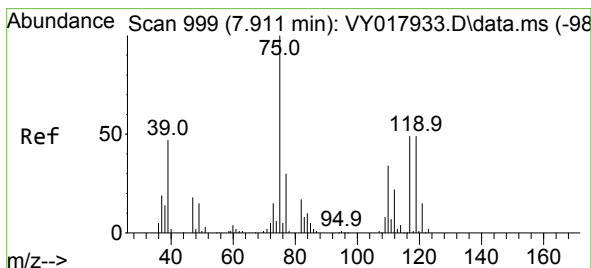
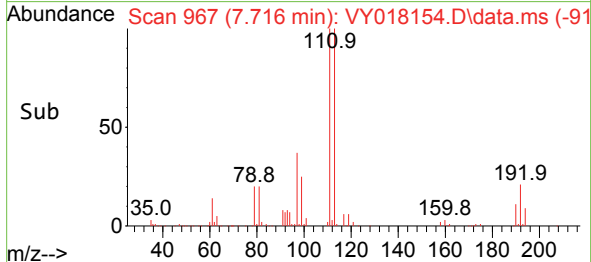
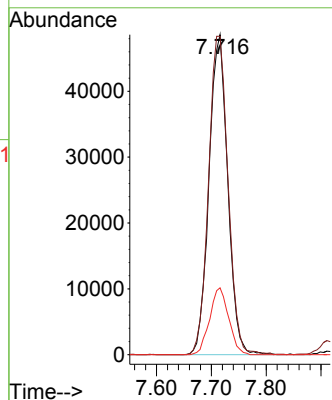
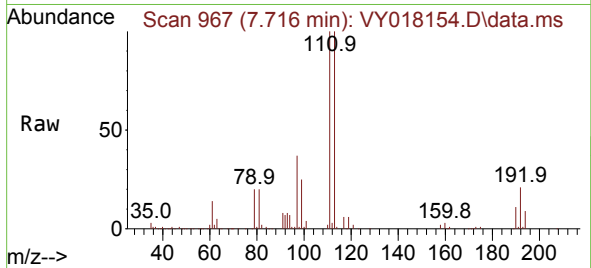




#35
Dibromofluoromethane
Concen: 46.790 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

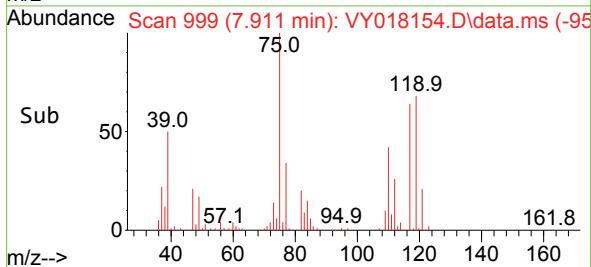
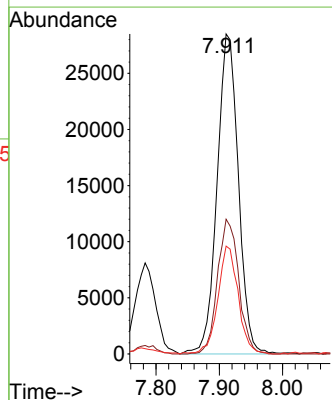
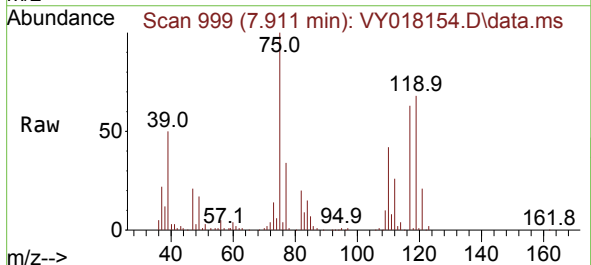
Instrument :
MSVOA_Y
ClientSampleId :

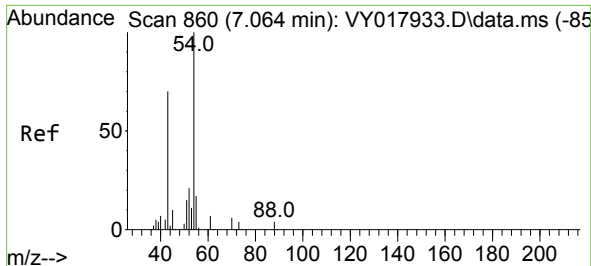
Tgt Ion:113 Resp: 115186
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.250 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 75 Resp: 66544
Ion Ratio Lower Upper
75 100
110 41.9 19.0 57.0
77 32.3 25.3 37.9





#37

Ethyl Acetate

Concen: 22.664 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.013 min

Lab File: VY018154.D

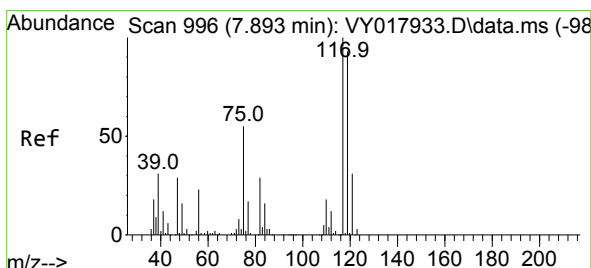
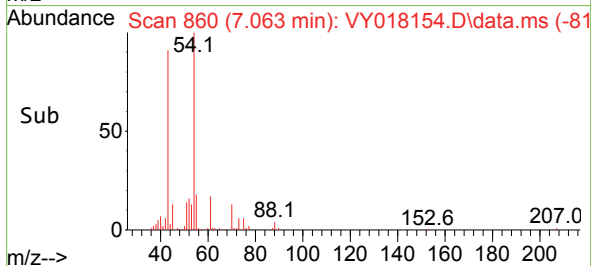
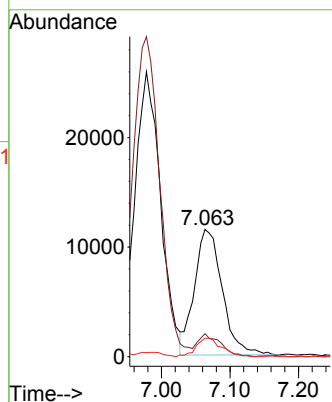
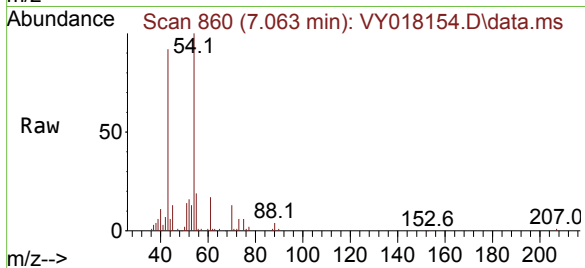
Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	32410
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.6	19.0
70	13.4	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 19.467 ug/l

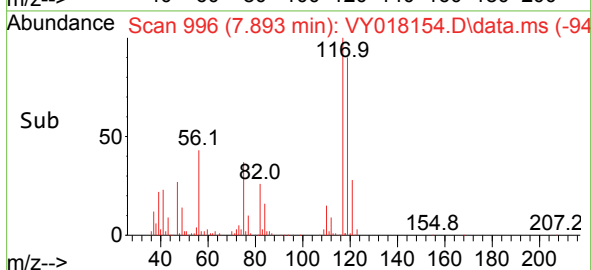
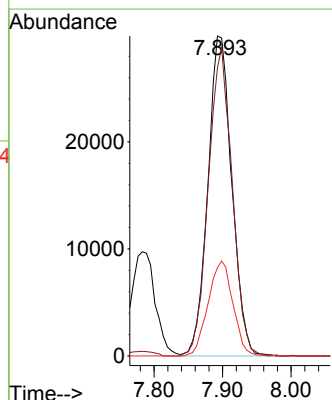
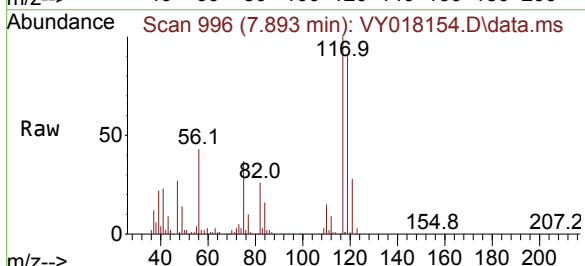
RT: 7.893 min Scan# 996

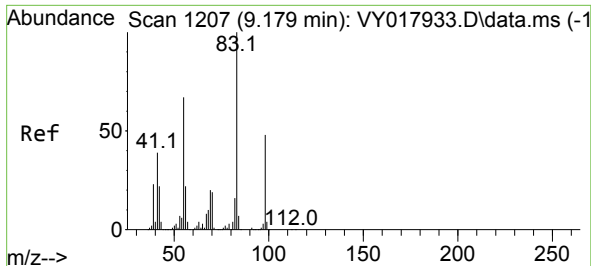
Delta R.T. -0.012 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Tgt Ion:	117	Resp:	72606
Ion	Ratio	Lower	Upper
117	100		
119	90.1	75.8	113.6
121	27.6	24.0	36.0





#39

Methylcyclohexane

Concen: 19.367 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

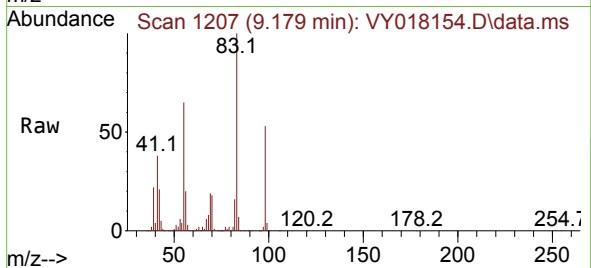
Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :



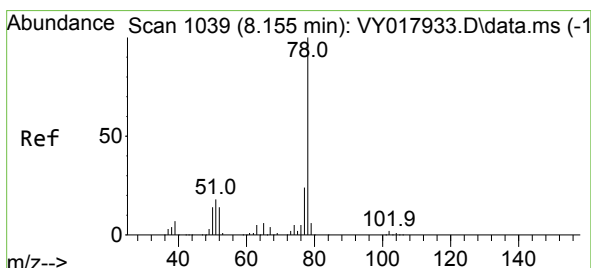
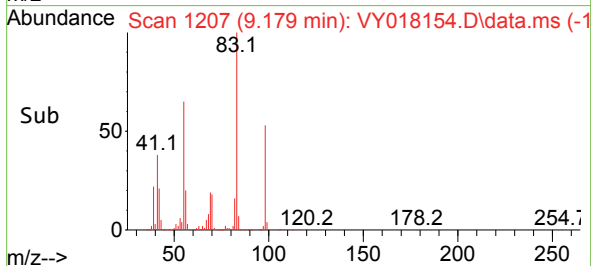
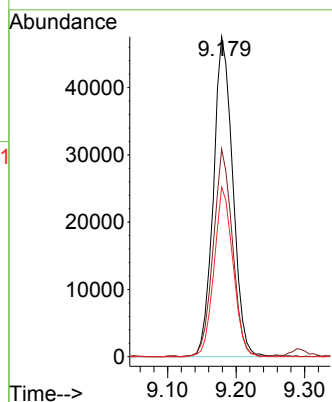
Tgt Ion: 83 Resp: 93474

Ion Ratio Lower Upper

83 100

55 64.9 51.5 77.3

98 53.0 40.5 60.7



#40

Benzene

Concen: 21.144 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY018154.D

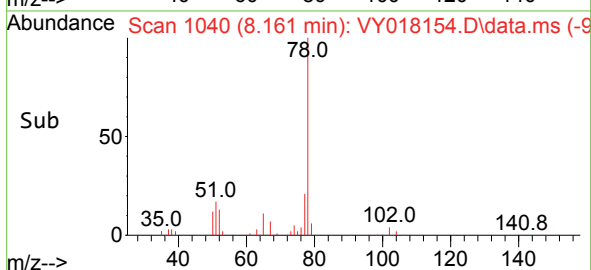
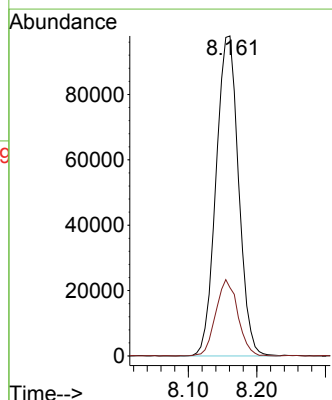
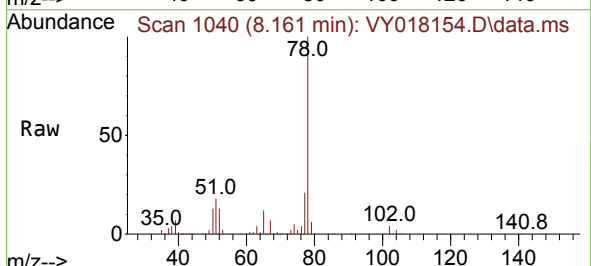
Acq: 06 May 2024 11:06

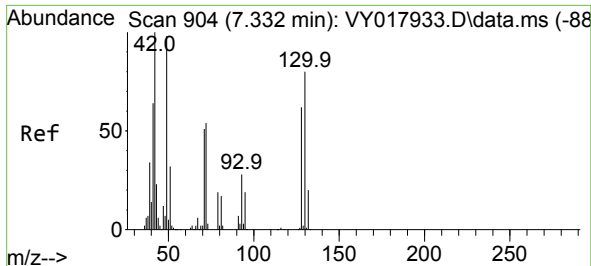
Tgt Ion: 78 Resp: 223265

Ion Ratio Lower Upper

78 100

77 21.3 19.5 29.3

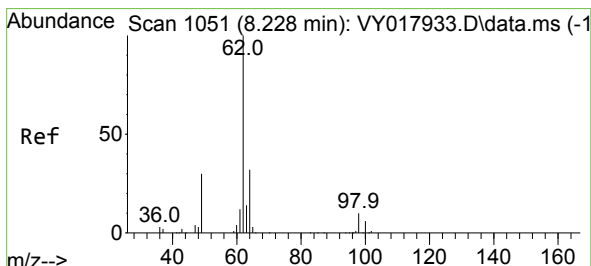
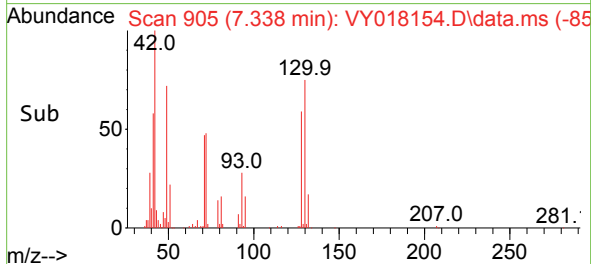
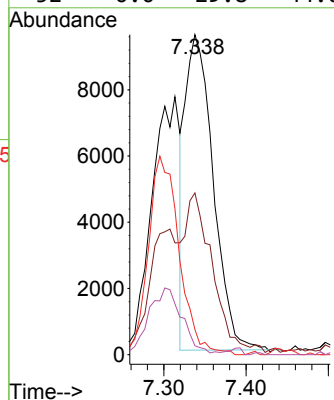
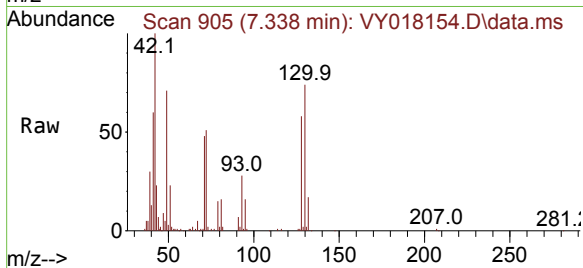




#41
Methacrylonitrile
Concen: 26.697 ug/l
RT: 7.338 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

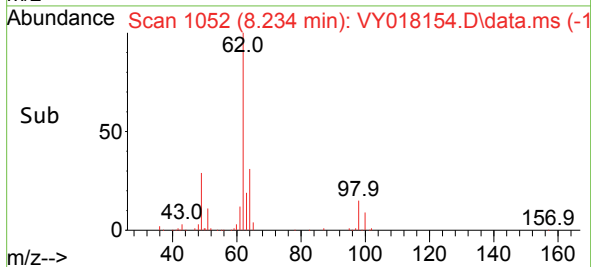
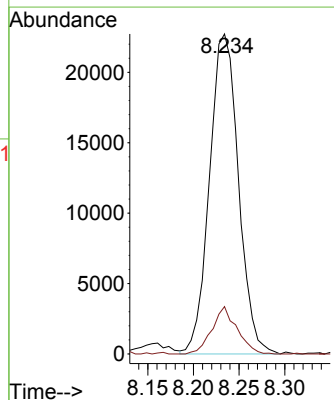
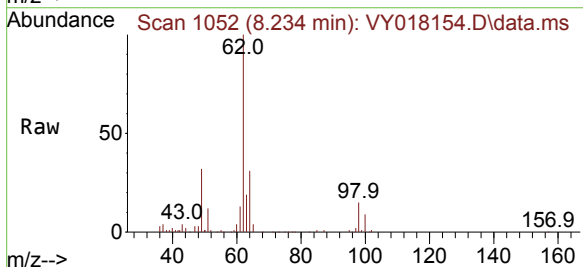
Instrument :
MSVOA_Y
ClientSampleId :

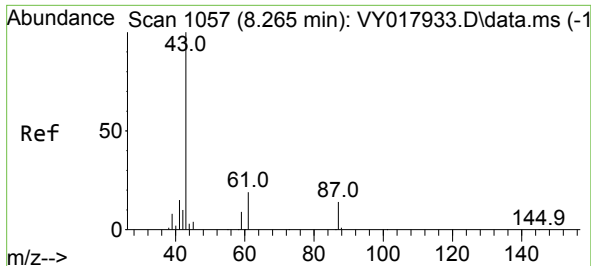
Tgt Ion: 41 Resp: 22514
Ion Ratio Lower Upper
41 100
39 47.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.510 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

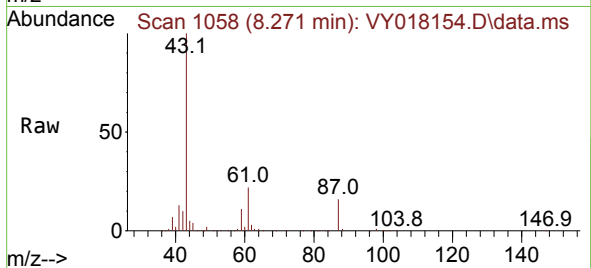
Tgt Ion: 62 Resp: 50173
Ion Ratio Lower Upper
62 100
98 12.8 0.0 22.0



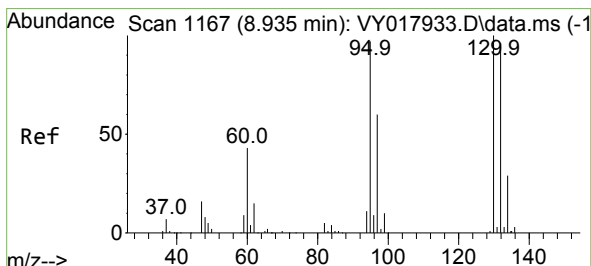
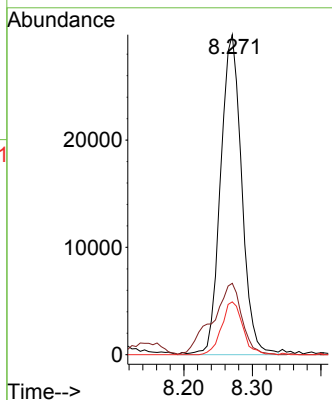
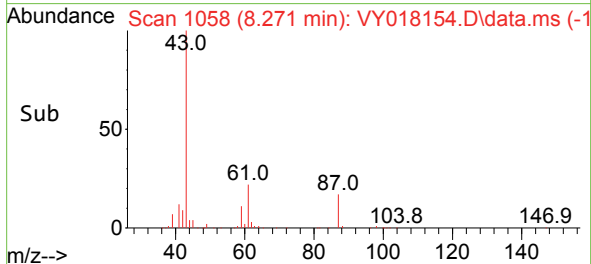


#43
Isopropyl Acetate
Concen: 21.214 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

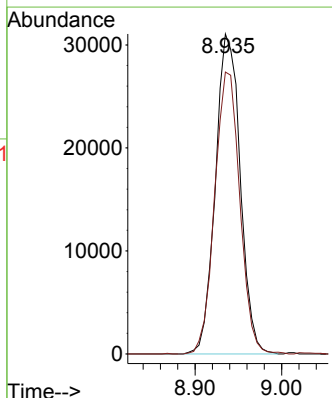
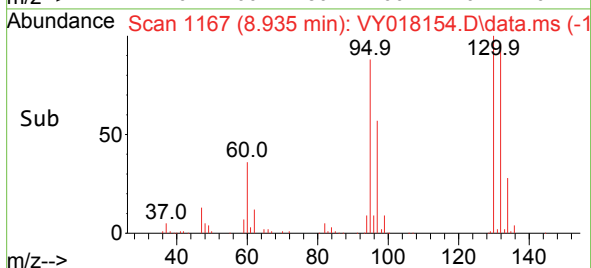
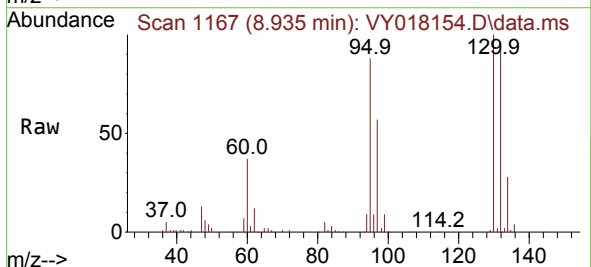


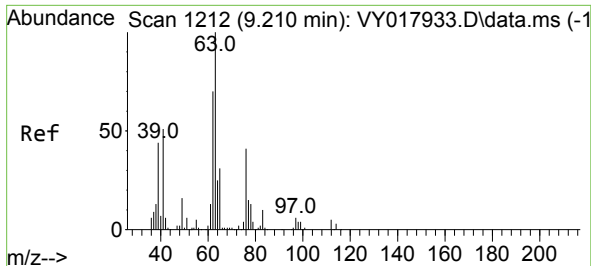
Tgt Ion: 43 Resp: 63735
Ion Ratio Lower Upper
43 100
61 31.1 27.9 41.9
87 16.5 13.1 19.7



#44
Trichloroethene
Concen: 20.636 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 130 Resp: 61794
Ion Ratio Lower Upper
130 100
95 88.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.426 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

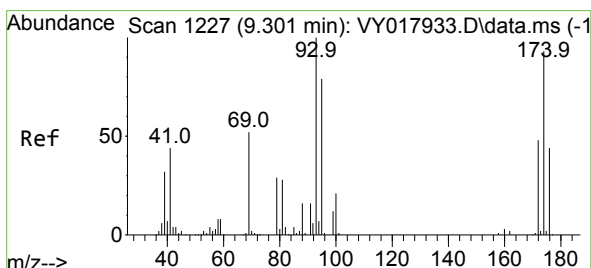
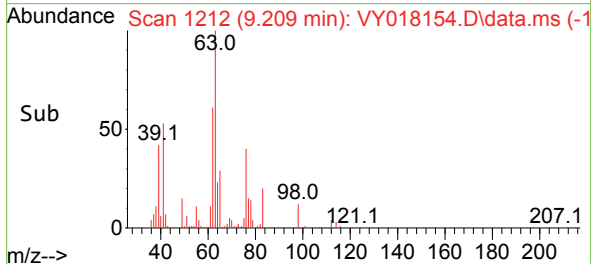
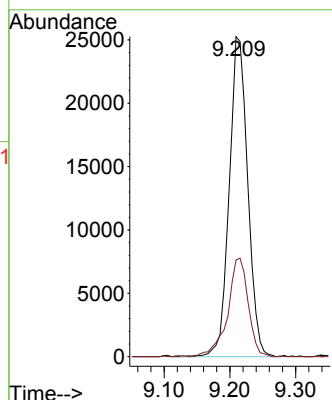
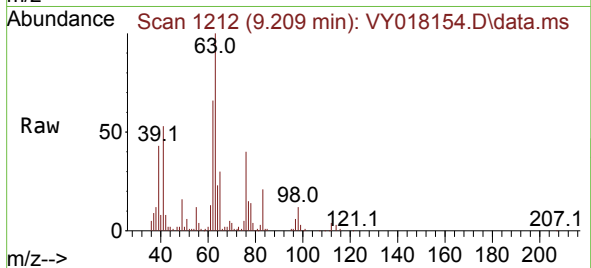
ClientSampleId :

Tgt Ion: 63 Resp: 49363

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.2



#46

Dibromomethane

Concen: 20.108 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

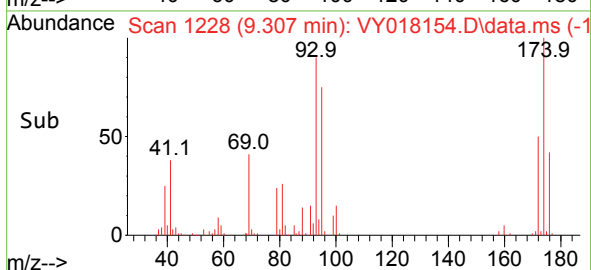
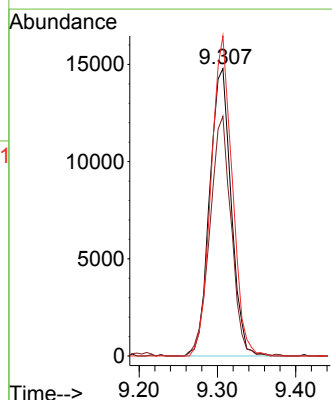
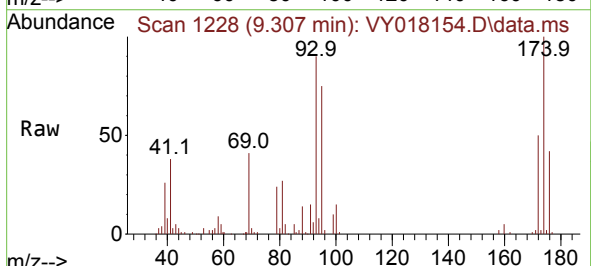
Tgt Ion: 93 Resp: 28165

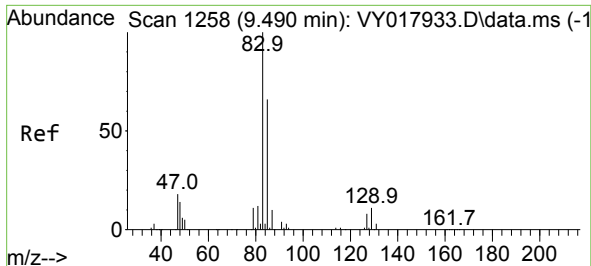
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 109.5 80.9 121.3

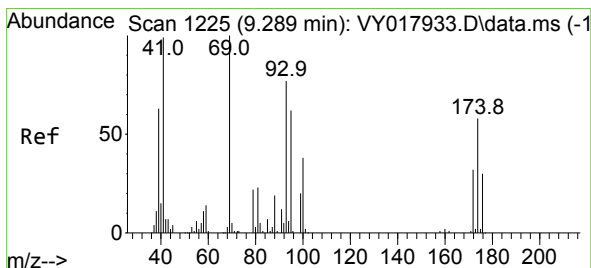
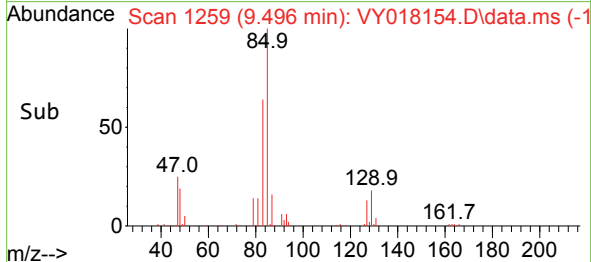
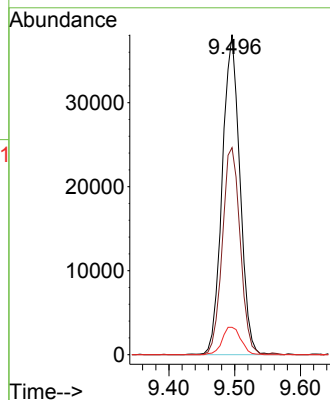
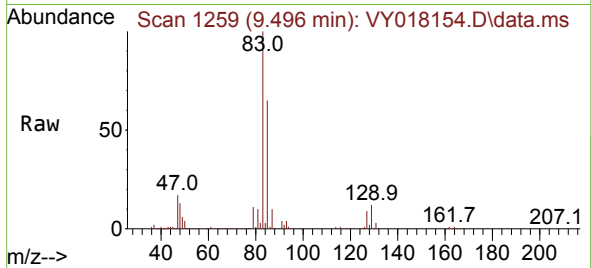




#47
Bromodichloromethane
Concen: 20.699 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

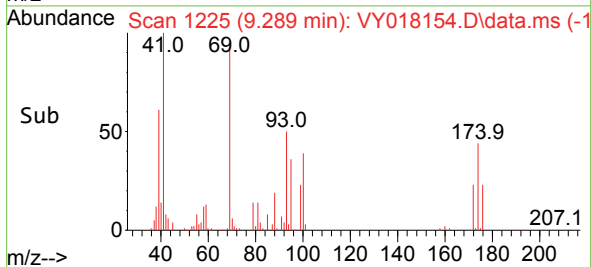
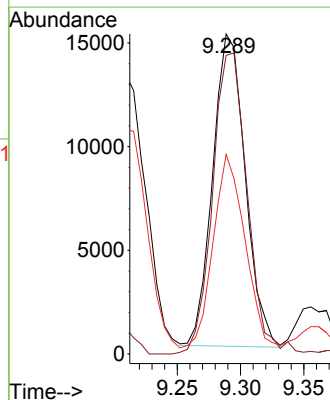
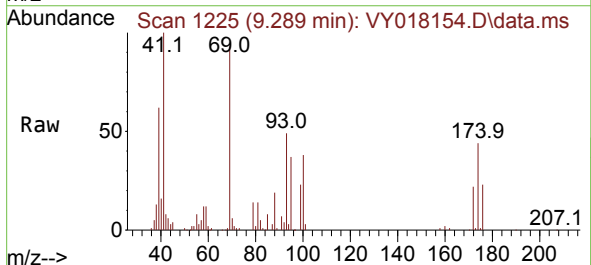
Instrument :
MSVOA_Y
ClientSampleId :

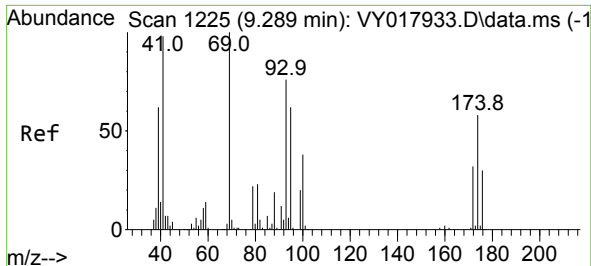
Tgt Ion: 83 Resp: 71179
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 19.609 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

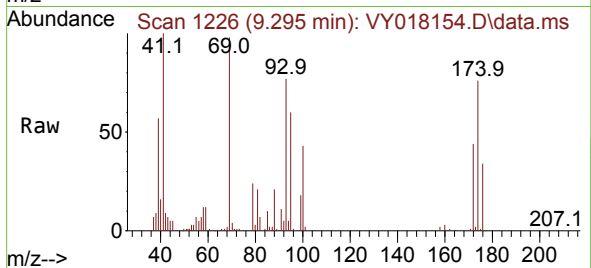
Tgt Ion: 41 Resp: 26968
Ion Ratio Lower Upper
41 100
69 102.6 84.1 126.1
39 60.7 43.6 65.4



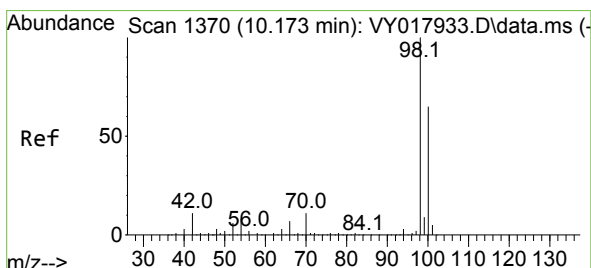
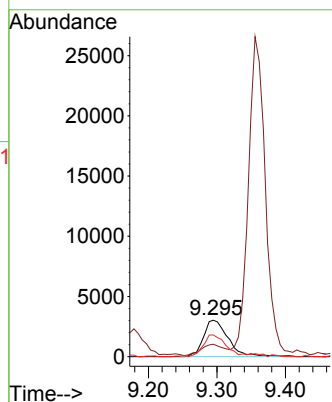
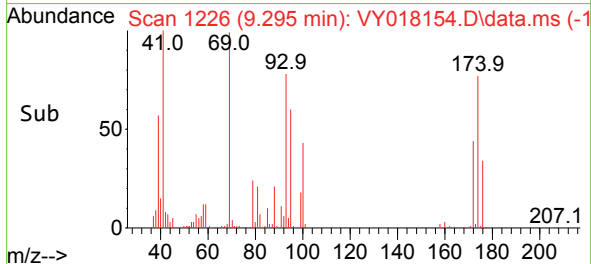


#49
1,4-Dioxane
Concen: 488.537 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

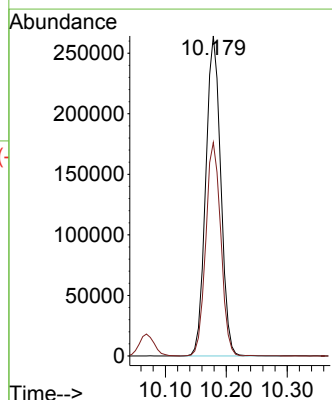
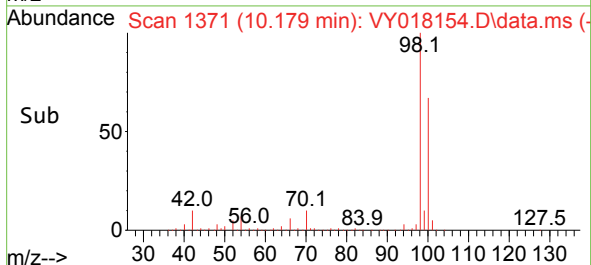
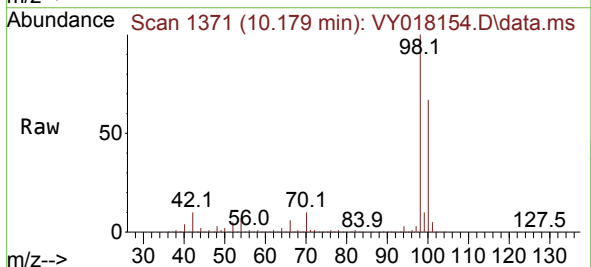


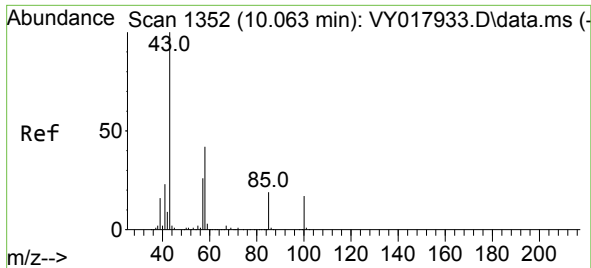
Tgt Ion: 88 Resp: 7592
Ion Ratio Lower Upper
88 100
43 29.1 0.0 0.0#
58 55.9 49.3 73.9



#50
Toluene-d8
Concen: 47.015 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 98 Resp: 451843
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

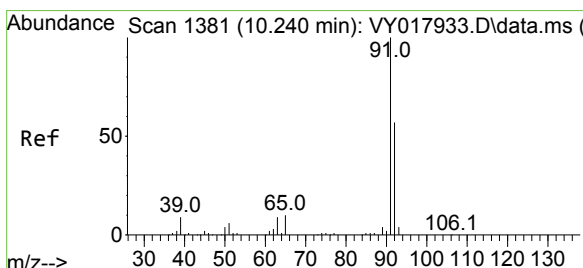
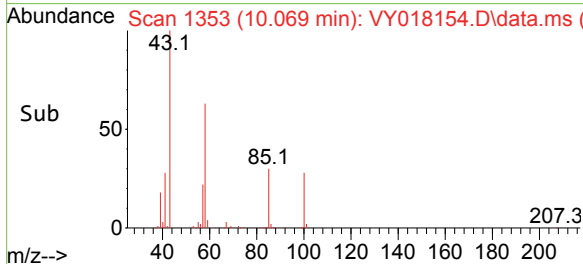
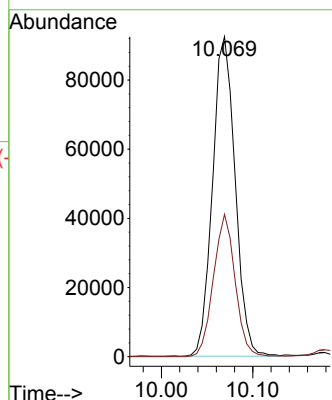
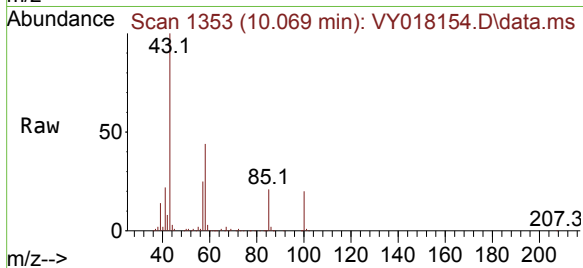




#51
4-Methyl-2-Pentanone
Concen: 108.298 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

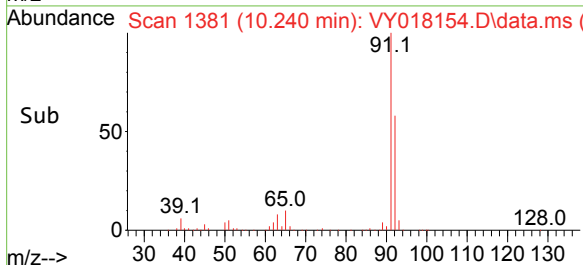
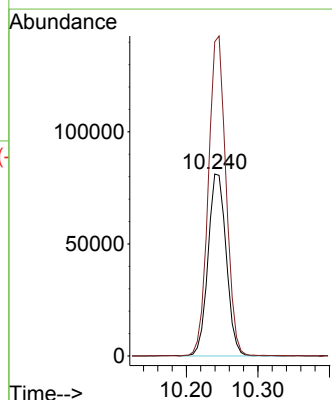
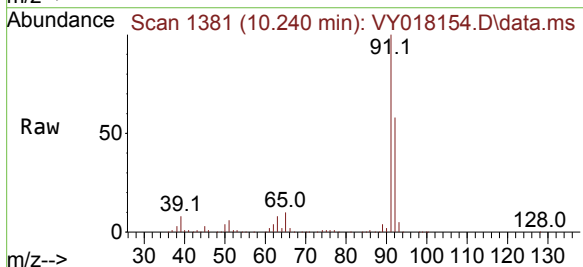
Instrument :
MSVOA_Y
ClientSampleId :

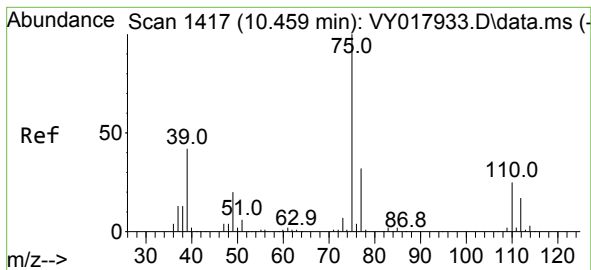
Tgt Ion: 43 Resp: 158909
Ion Ratio Lower Upper
43 100
58 42.7 35.7 53.5



#52
Toluene
Concen: 20.516 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 92 Resp: 143375
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.6

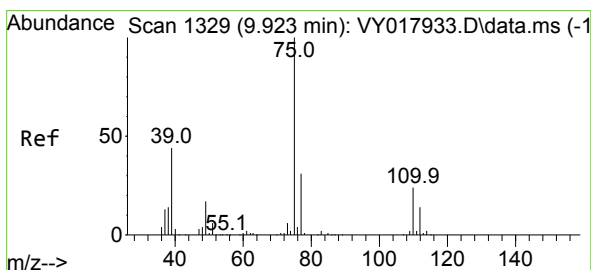
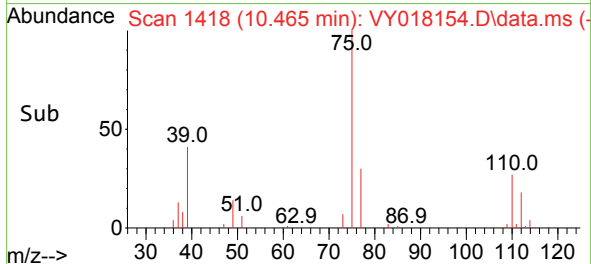
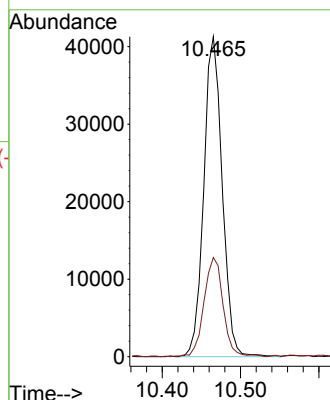
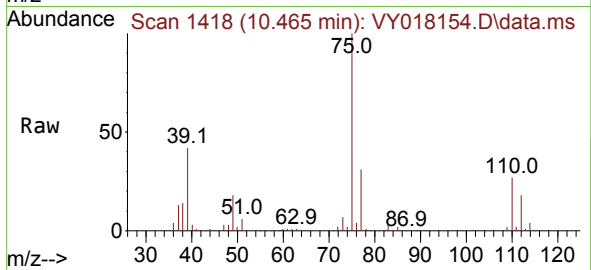




#53
t-1,3-Dichloropropene
Concen: 20.274 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

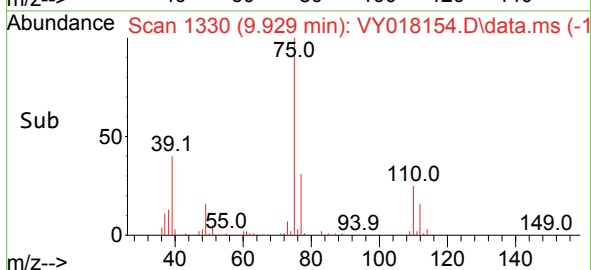
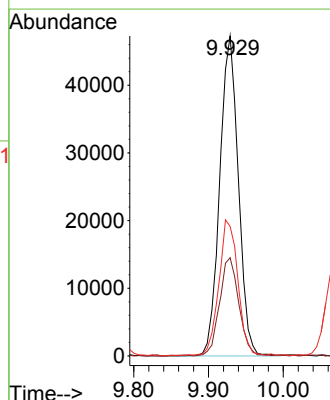
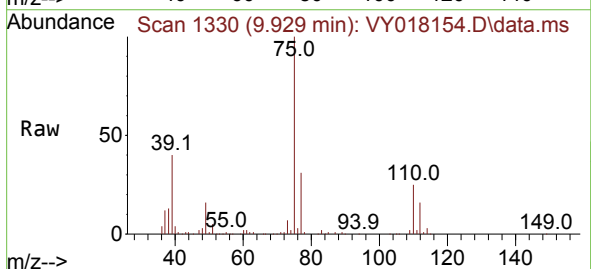
Instrument :
MSVOA_Y
ClientSampleId :

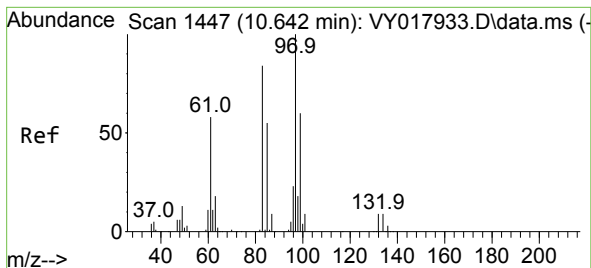
Tgt Ion: 75 Resp: 67361
Ion Ratio Lower Upper
75 100
77 30.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.001 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 75 Resp: 81973
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0
39 40.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.712 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 40904

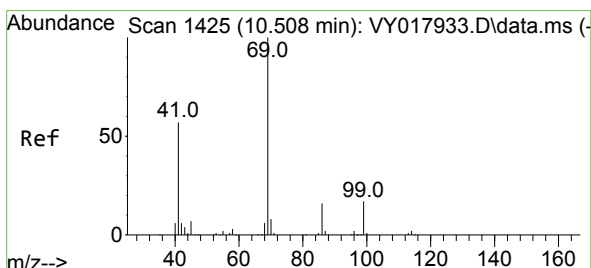
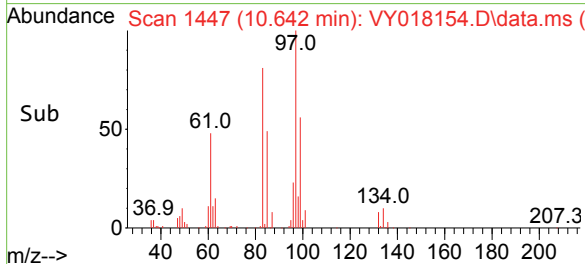
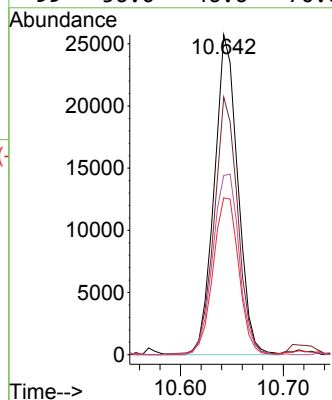
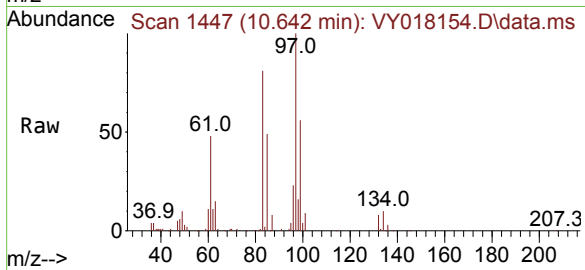
Ion Ratio Lower Upper

97 100

83 80.1 67.5 101.3

85 49.0 42.9 64.3

99 56.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.171 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

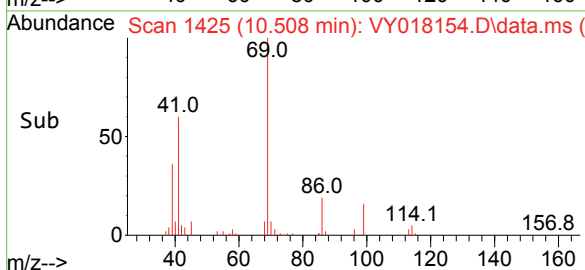
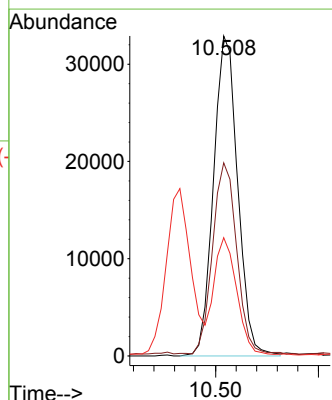
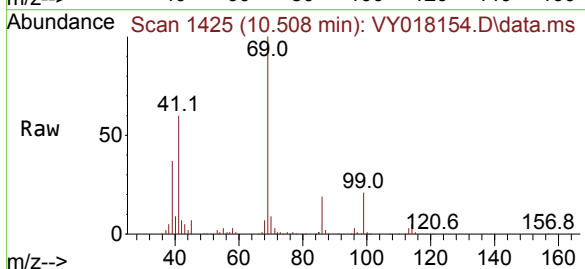
Tgt Ion: 69 Resp: 53728

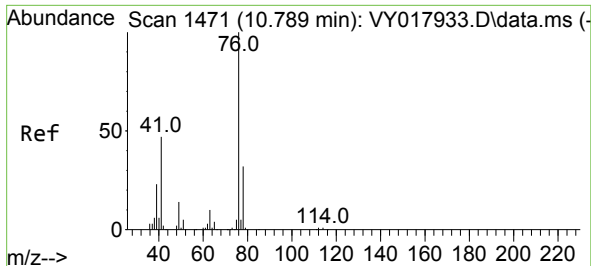
Ion Ratio Lower Upper

69 100

41 59.6 42.3 63.5

39 34.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.735 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

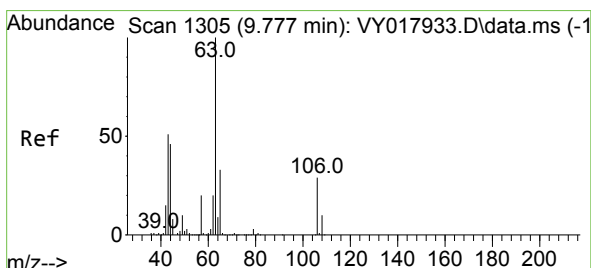
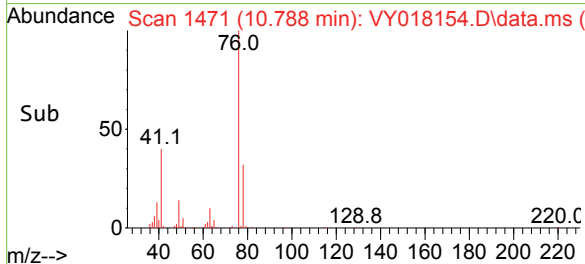
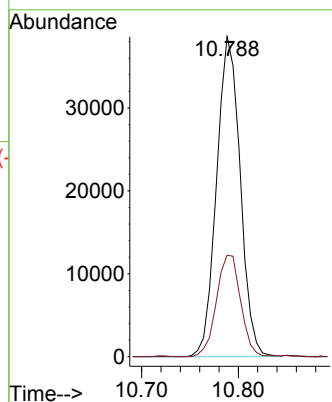
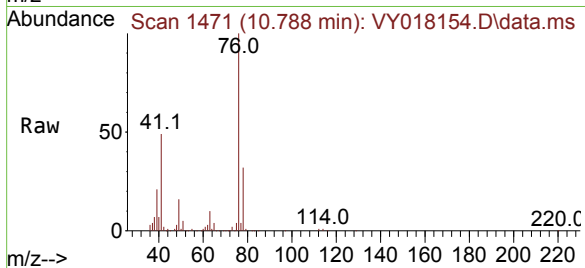
ClientSampleId :

Tgt Ion: 76 Resp: 65416

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.972 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018154.D

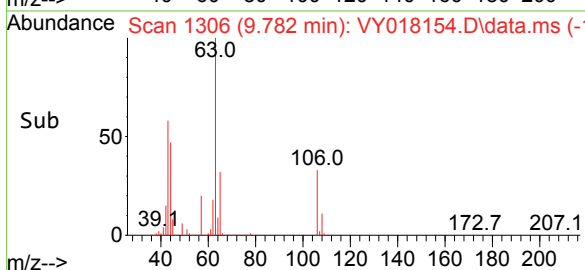
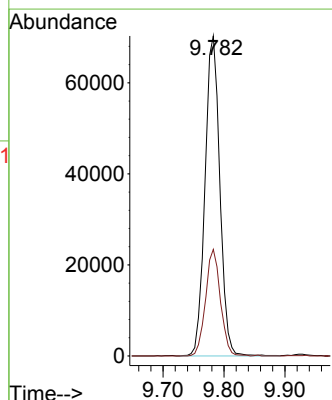
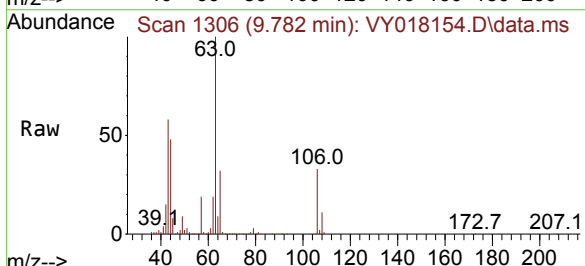
Acq: 06 May 2024 11:06

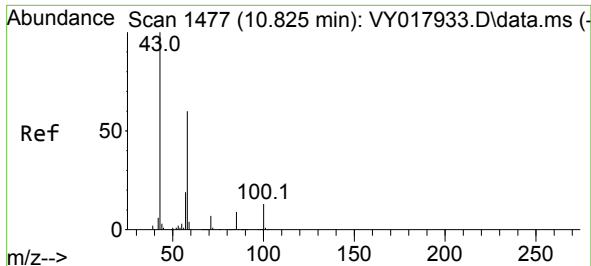
Tgt Ion: 63 Resp: 119332

Ion Ratio Lower Upper

63 100

106 33.3 23.7 35.5

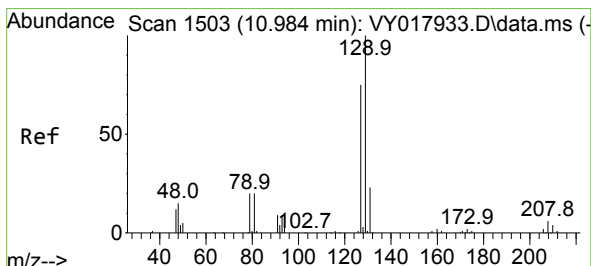
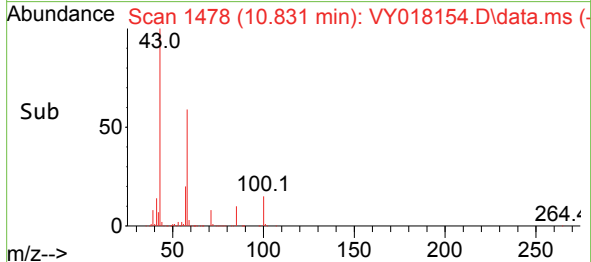
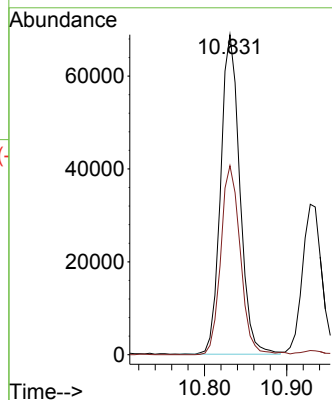
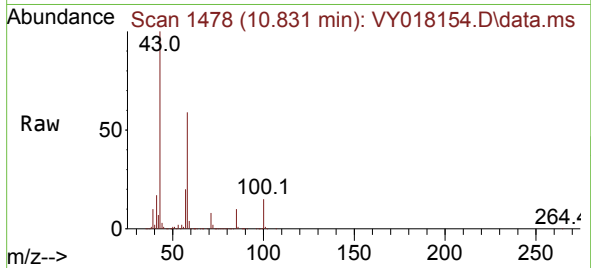




#59
2-Hexanone
Concen: 106.283 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

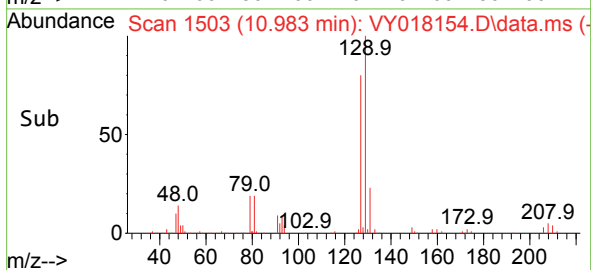
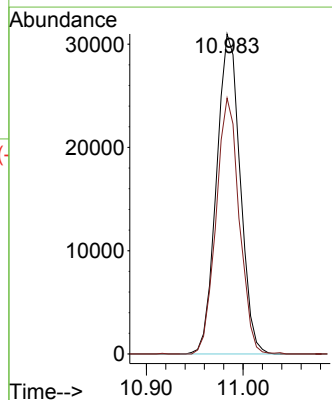
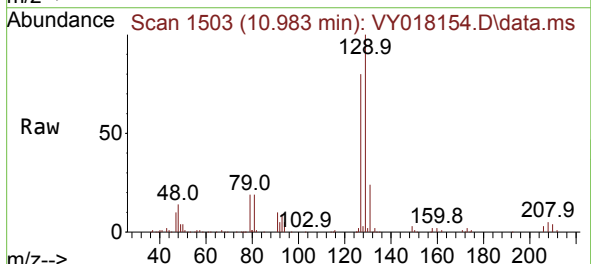
Instrument :
MSVOA_Y
ClientSampleId :

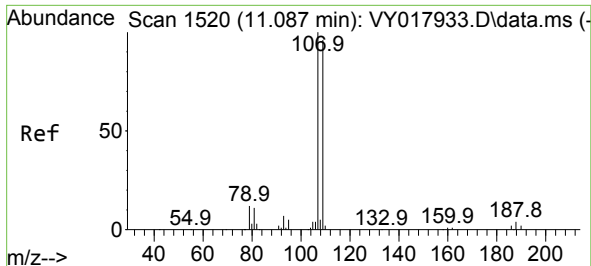
Tgt Ion: 43 Resp: 111307
Ion Ratio Lower Upper
43 100
58 60.4 31.4 94.0



#60
Dibromochloromethane
Concen: 20.531 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

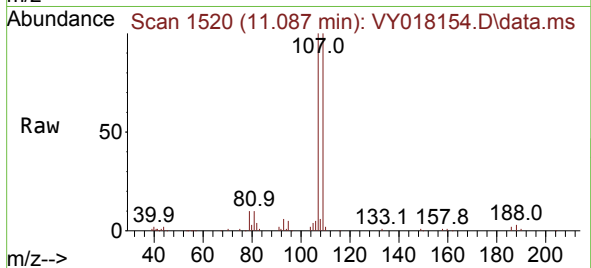
Tgt Ion: 129 Resp: 52536
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0



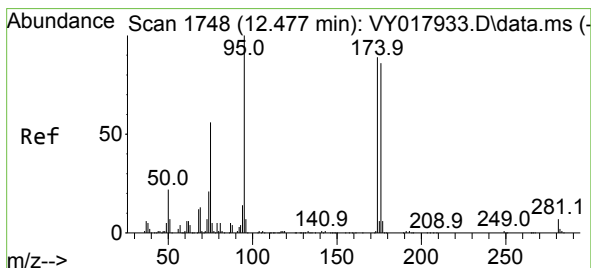
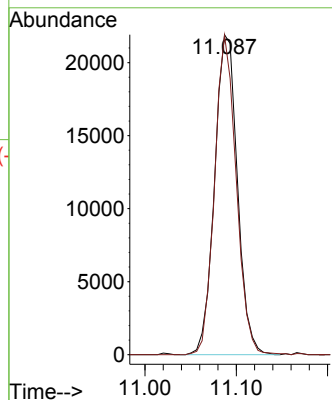
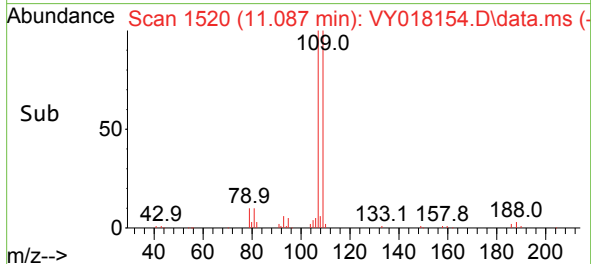


#61
1,2-Dibromoethane
Concen: 21.025 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

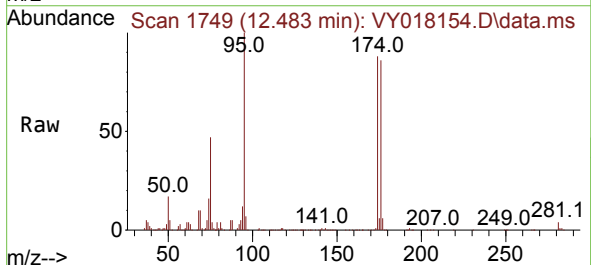
Instrument :
MSVOA_Y
ClientSampleId :



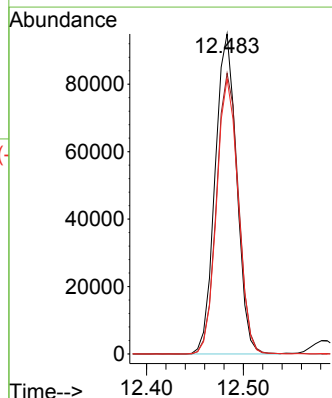
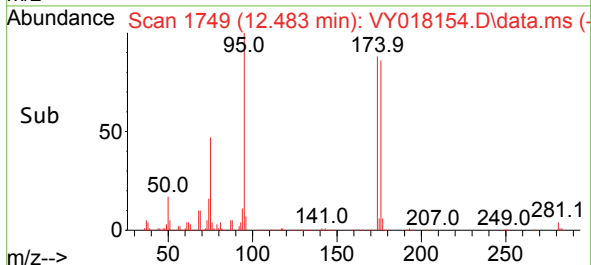
Tgt Ion:107 Resp: 37957
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9

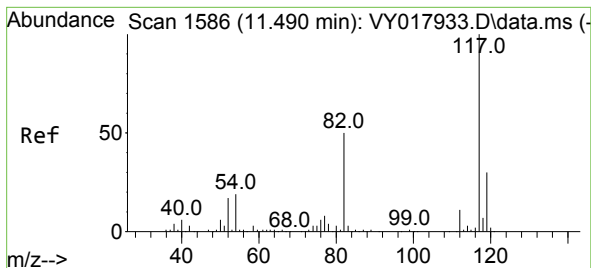


#62
4-Bromofluorobenzene
Concen: 44.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06



Tgt Ion: 95 Resp: 146748
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 86.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

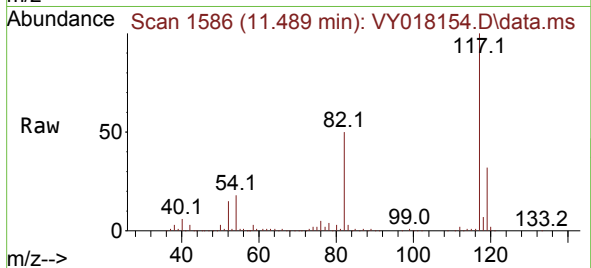
Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :



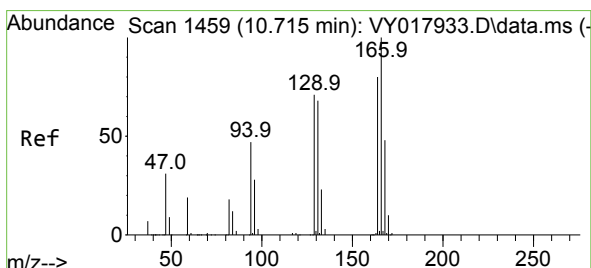
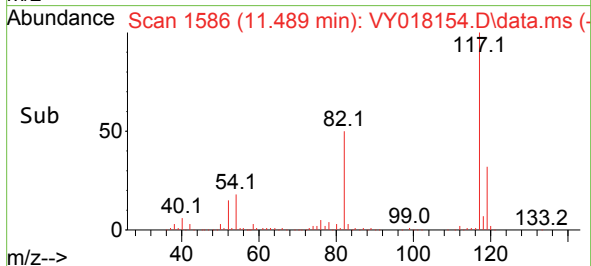
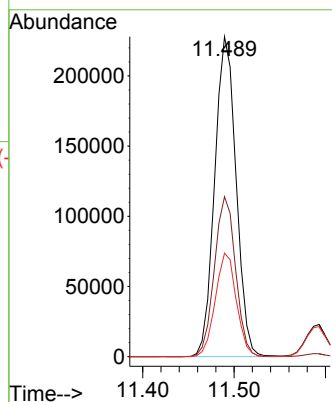
Tgt Ion:117 Resp: 371338

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 19.711 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Tgt Ion:164 Resp: 52982

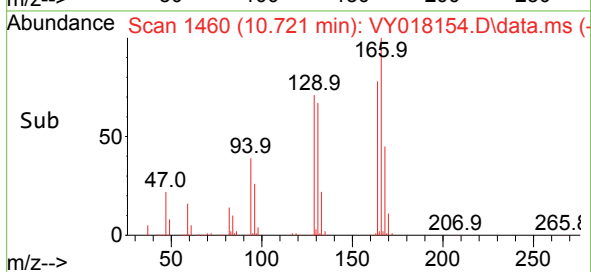
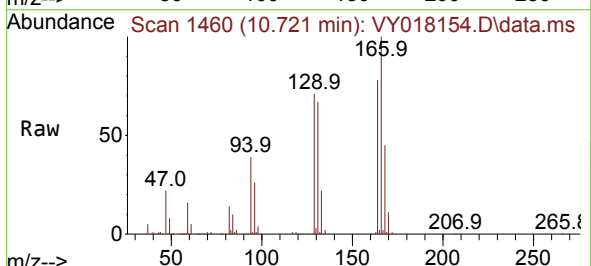
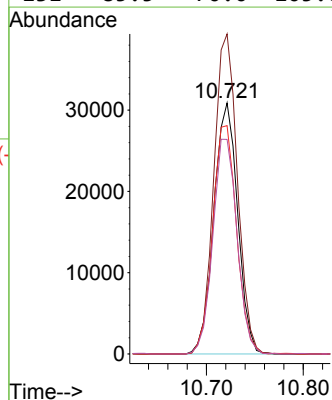
Ion Ratio Lower Upper

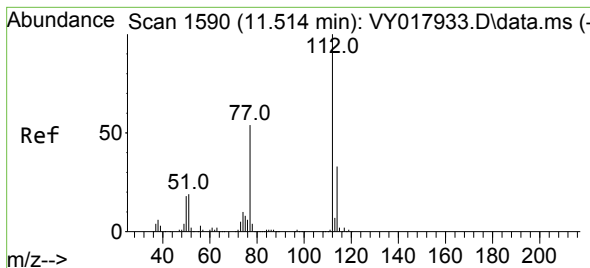
164 100

166 127.5 102.6 154.0

129 90.9 72.0 108.0

131 85.5 70.0 105.0





#65

Chlorobenzene

Concen: 20.874 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

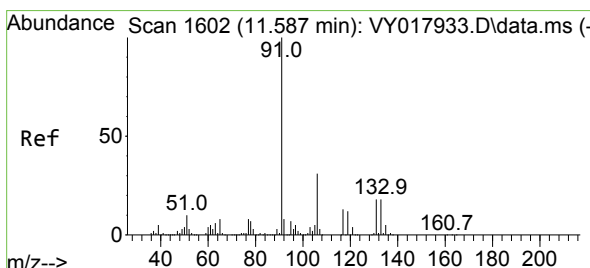
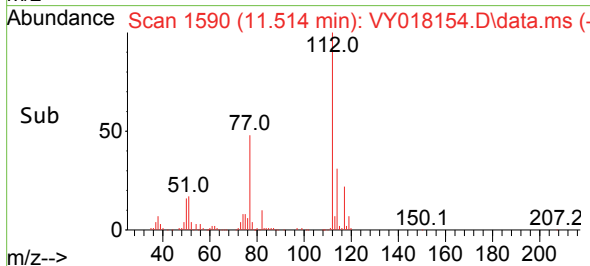
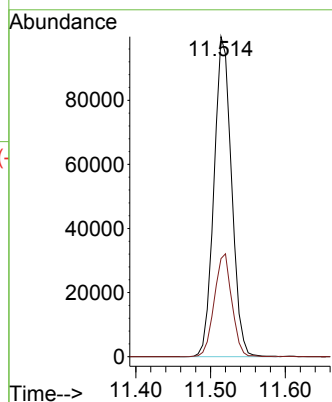
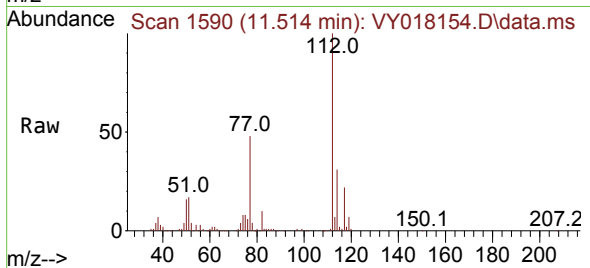
ClientSampleId :

Tgt Ion:112 Resp: 163603

Ion Ratio Lower Upper

112 100

114 30.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.312 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

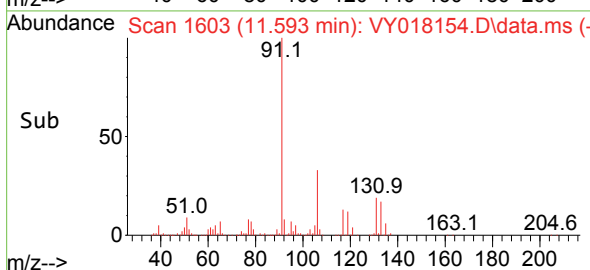
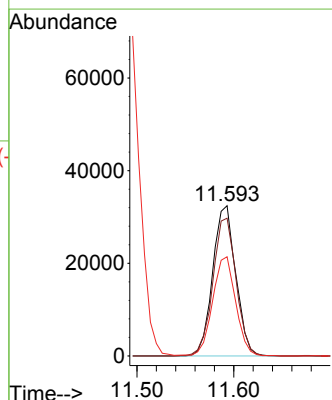
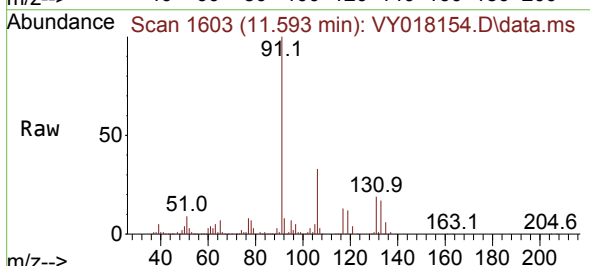
Tgt Ion:131 Resp: 53554

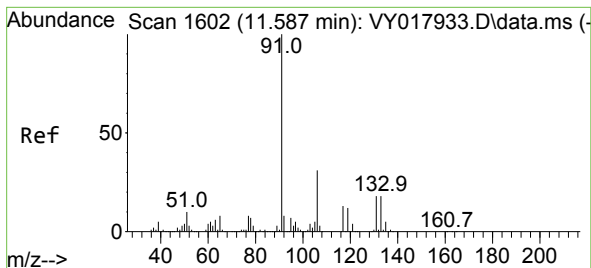
Ion Ratio Lower Upper

131 100

133 93.2 47.8 143.3

119 66.3 34.1 102.2





#67

Ethyl Benzene

Concen: 20.484 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

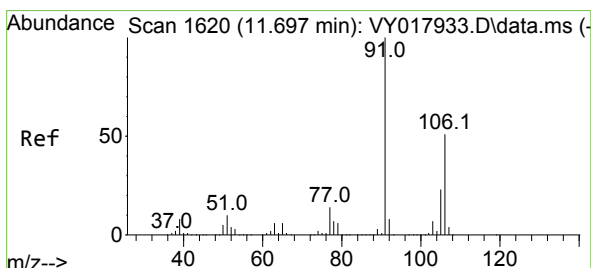
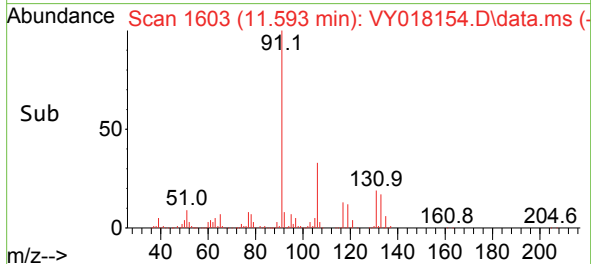
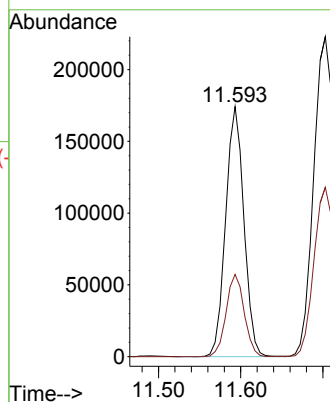
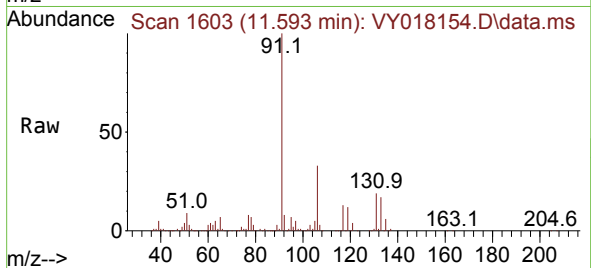
ClientSampleId :

Tgt Ion: 91 Resp: 269237

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 40.954 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018154.D

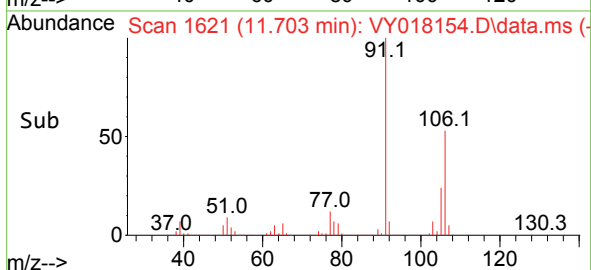
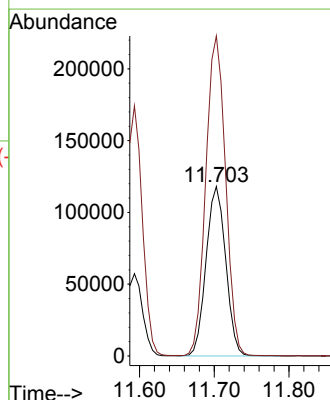
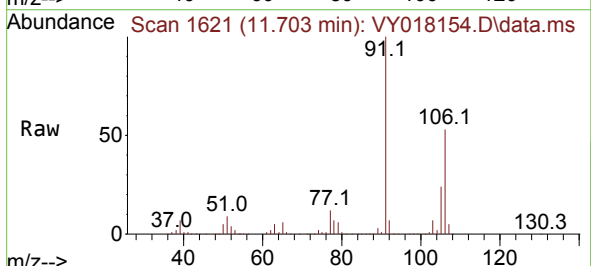
Acq: 06 May 2024 11:06

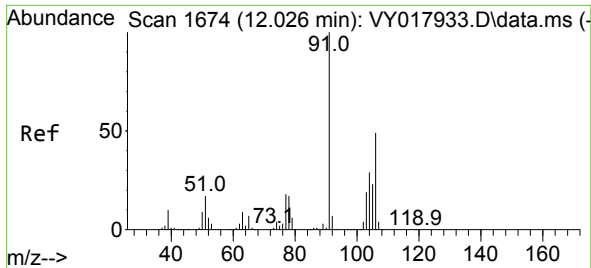
Tgt Ion: 106 Resp: 215687

Ion Ratio Lower Upper

106 100

91 189.8 156.0 234.0

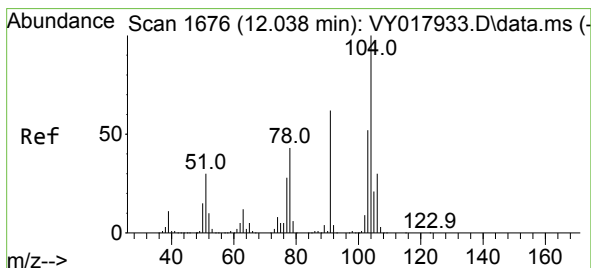
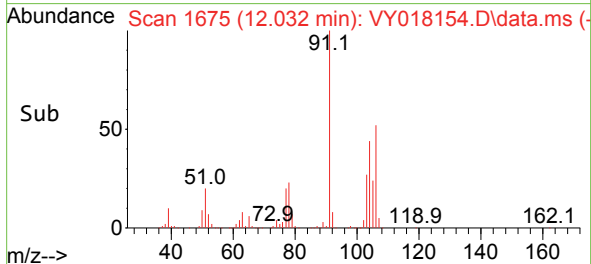
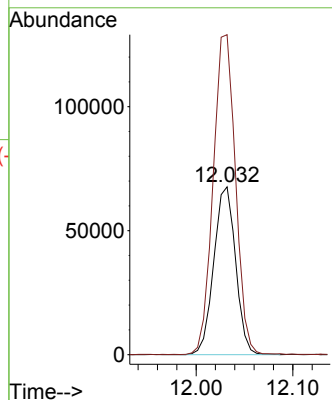
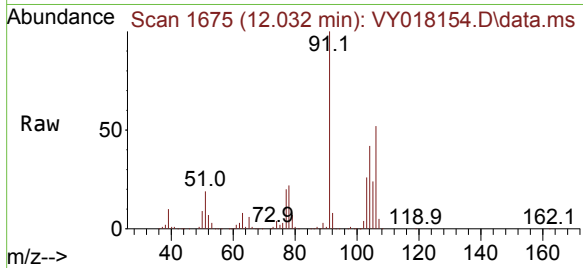




#69
o-Xylene
Concen: 20.926 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

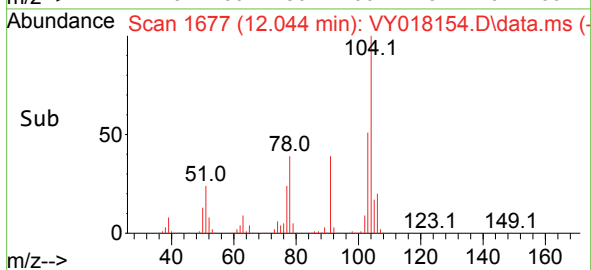
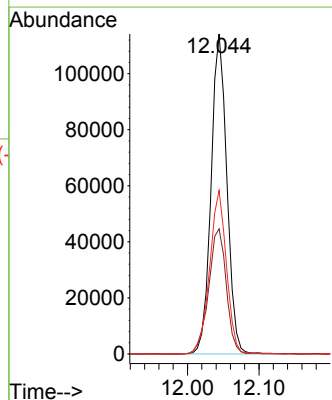
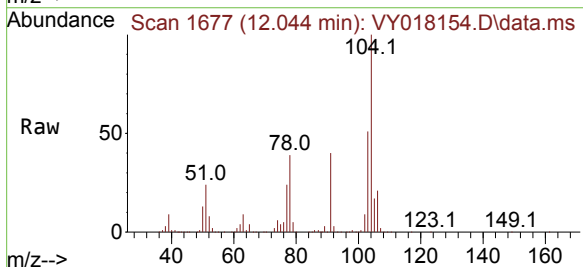
Instrument :
MSVOA_Y
ClientSampleId :

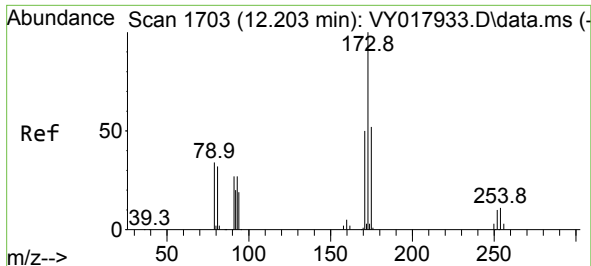
Tgt Ion:106 Resp: 105873
Ion Ratio Lower Upper
106 100
91 196.2 103.6 310.8



#70
Styrene
Concen: 20.555 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion:104 Resp: 175036
Ion Ratio Lower Upper
104 100
78 43.9 37.0 55.4
103 54.3 44.2 66.2

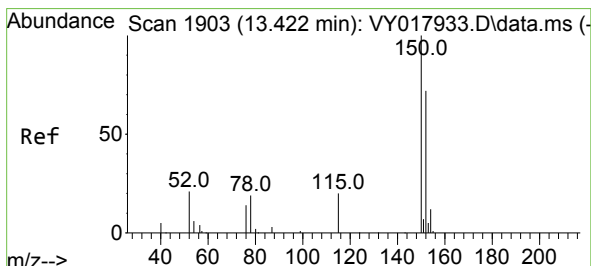
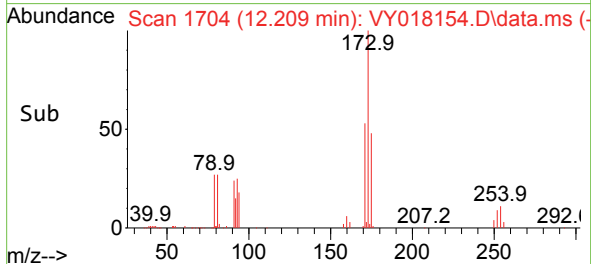
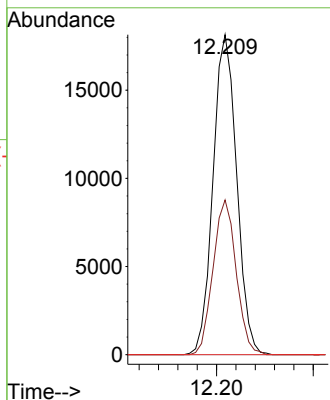
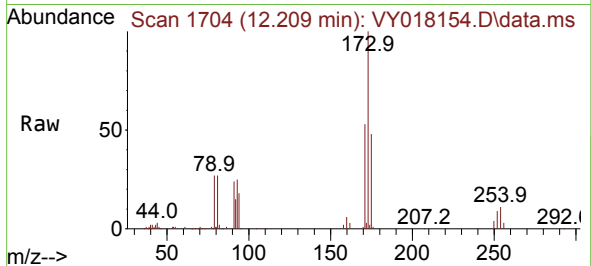




#71
Bromoform
Concen: 19.902 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

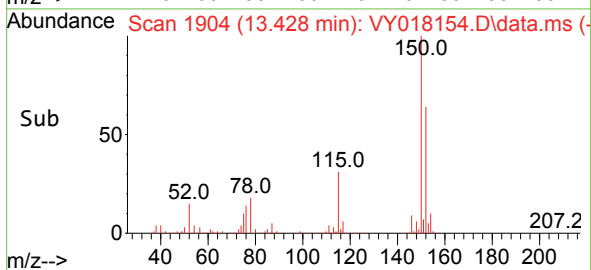
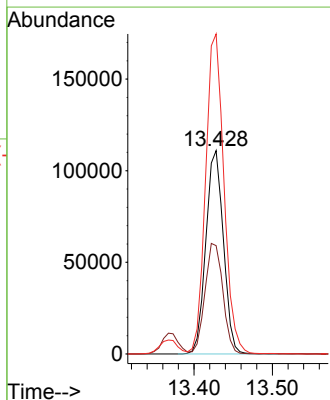
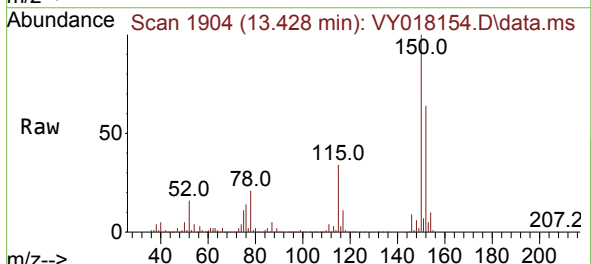
Instrument :
MSVOA_Y
ClientSampleId :

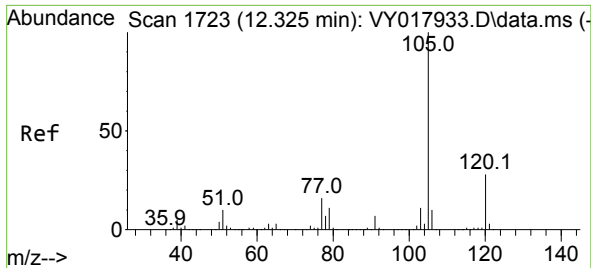
Tgt Ion:173 Resp: 30750
Ion Ratio Lower Upper
173 100
175 47.4 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

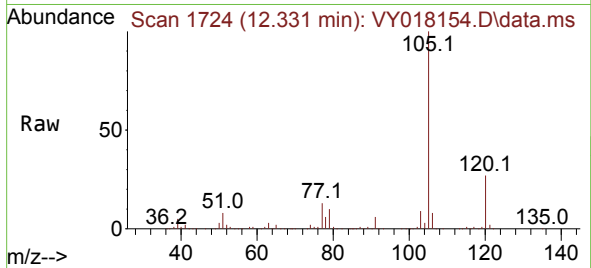
Tgt Ion:152 Resp: 172513
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 164.2 0.0 345.6



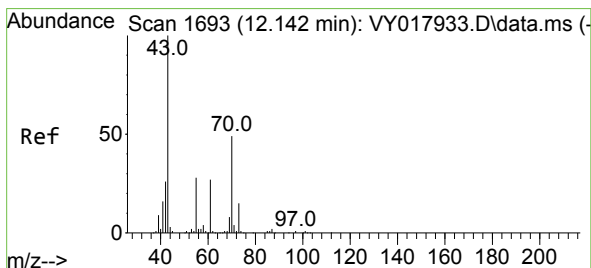
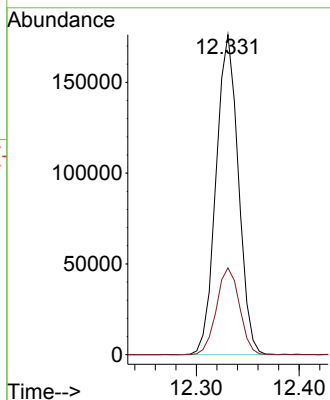
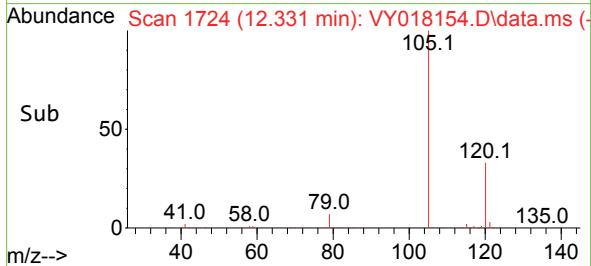


#73
Isopropylbenzene
Concen: 20.449 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

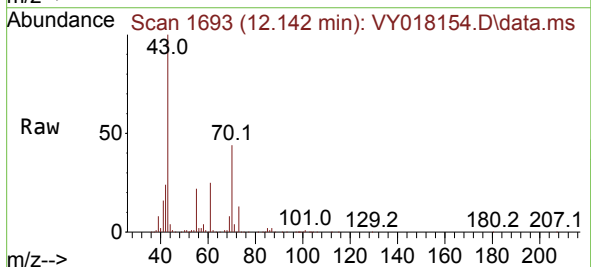
Instrument :
MSVOA_Y
ClientSampleId :



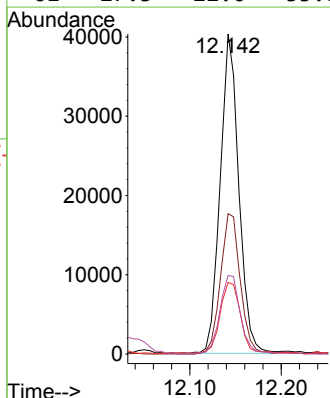
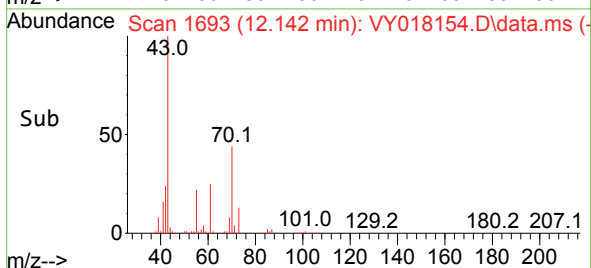
Tgt Ion:105 Resp: 265506
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1

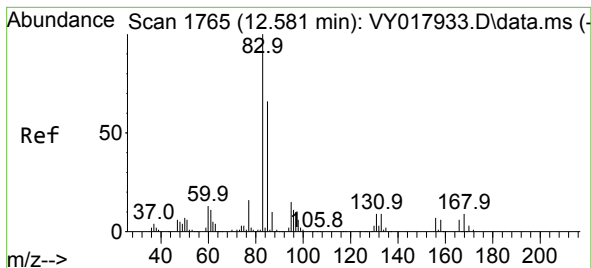


#74
N-ethyl acetate
Concen: 20.033 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06



Tgt Ion: 43 Resp: 57087
Ion Ratio Lower Upper
43 100
70 46.7 41.4 62.2
55 25.4 23.3 34.9
61 27.3 22.6 33.8

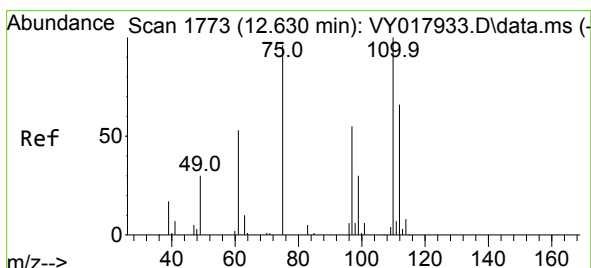
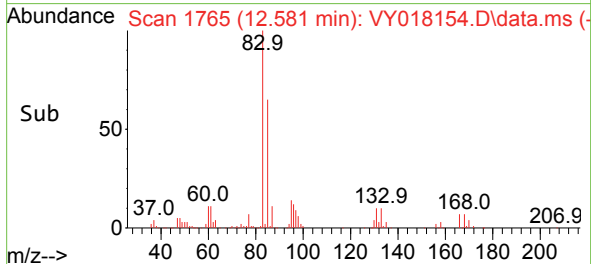
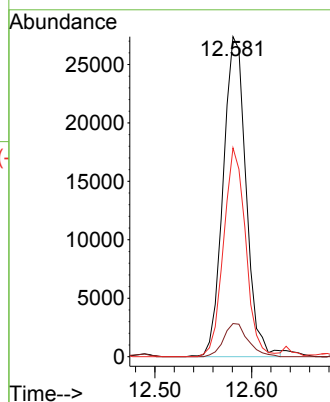
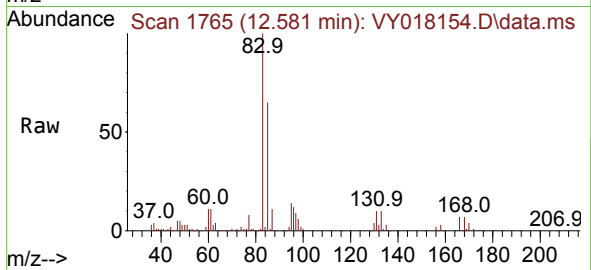




#75
1,1,2,2-Tetrachloroethane
Concen: 21.702 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

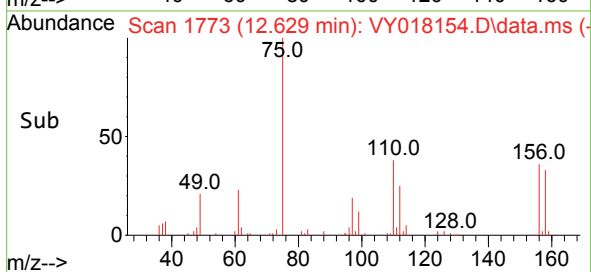
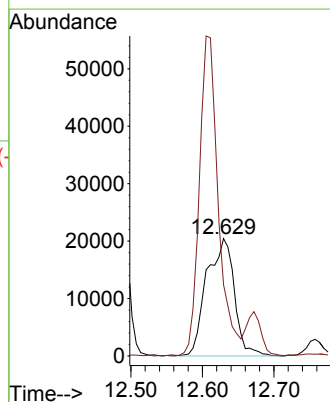
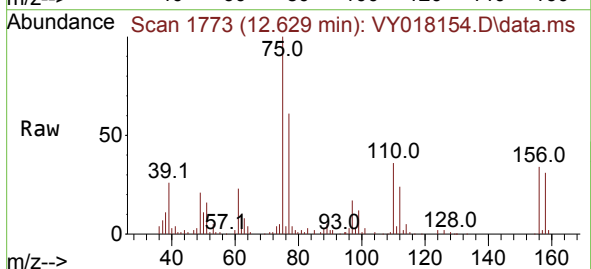
Instrument :
MSVOA_Y
ClientSampleId :

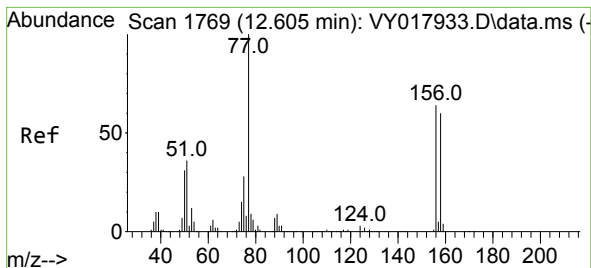
Tgt Ion:	83	Resp:	44836
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.0	14.9
85	62.9	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 38.007 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.007 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion:	75	Resp:	55027
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.696 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

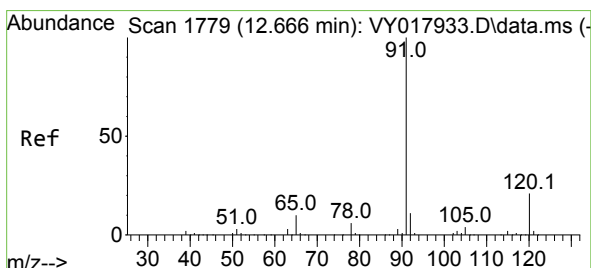
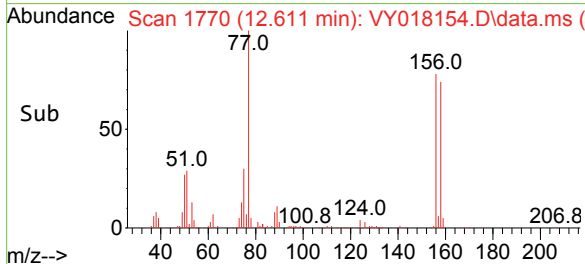
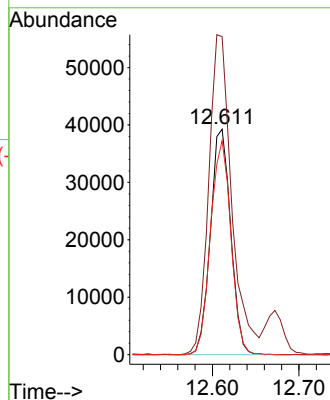
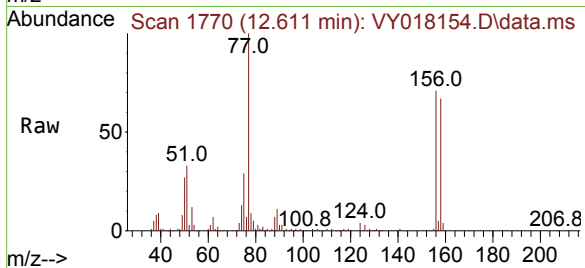
Tgt Ion:156 Resp: 63851

Ion Ratio Lower Upper

156 100

77 160.7 87.1 261.3

158 95.2 48.6 145.9



#78

n-propylbenzene

Concen: 20.944 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018154.D

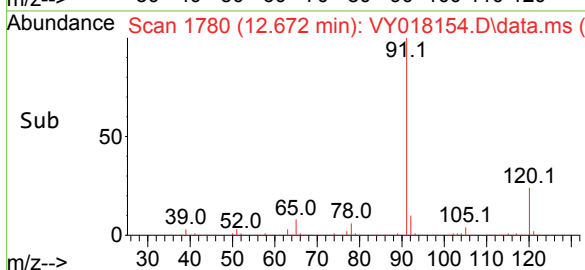
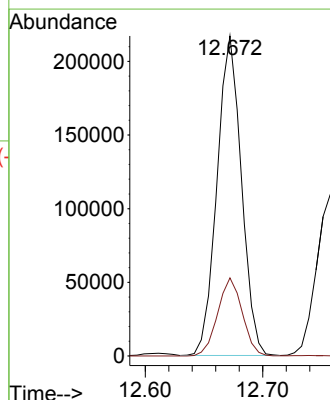
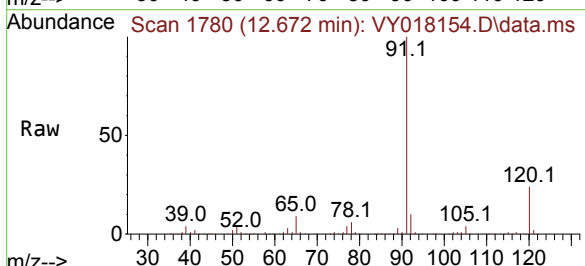
Acq: 06 May 2024 11:06

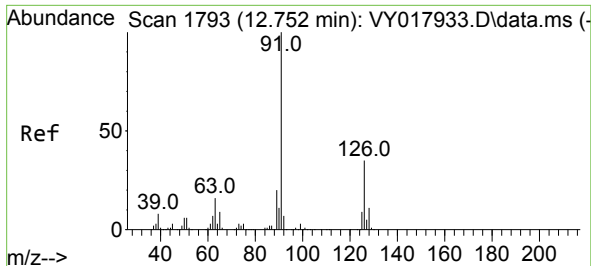
Tgt Ion: 91 Resp: 313137

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4

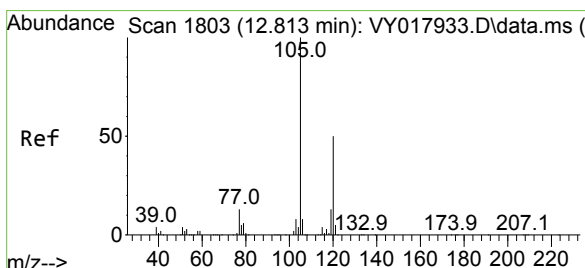
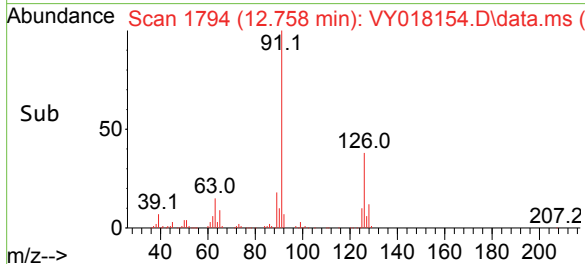
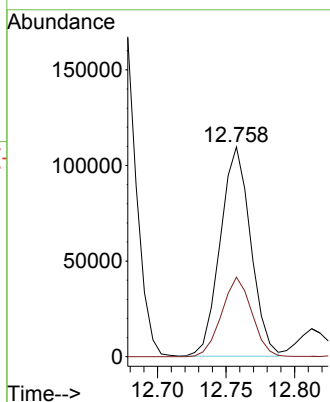
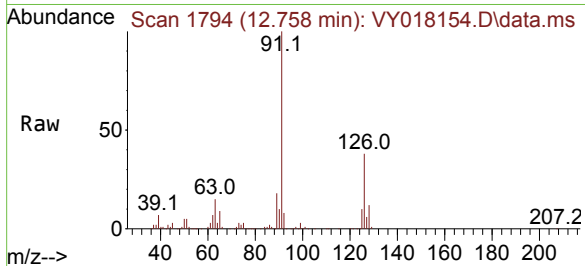




#79
2-Chlorotoluene
Concen: 19.917 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

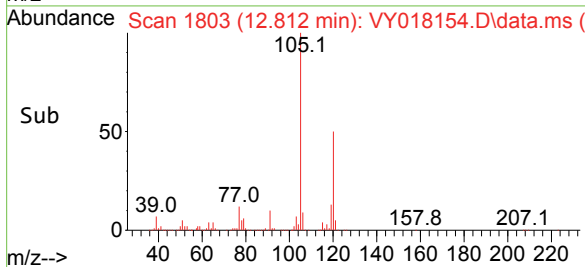
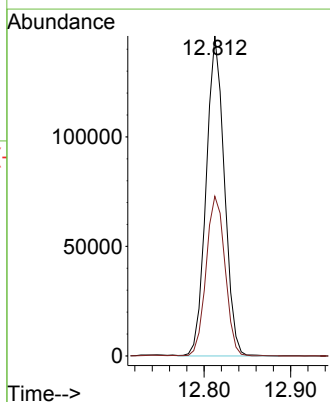
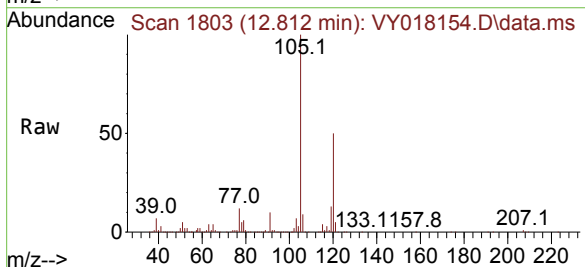
Instrument :
MSVOA_Y
ClientSampleId :

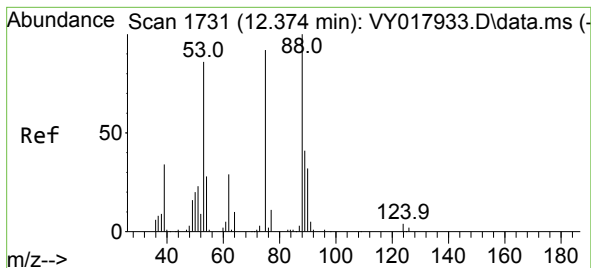
Tgt Ion: 91 Resp: 169127
Ion Ratio Lower Upper
91 100
126 37.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.365 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 105 Resp: 213111
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.2

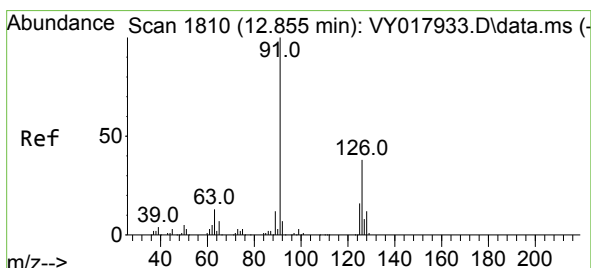
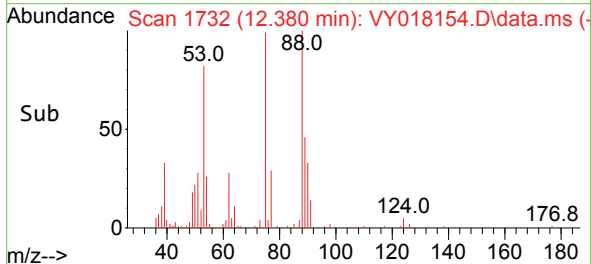
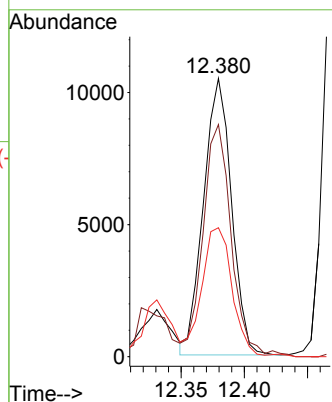
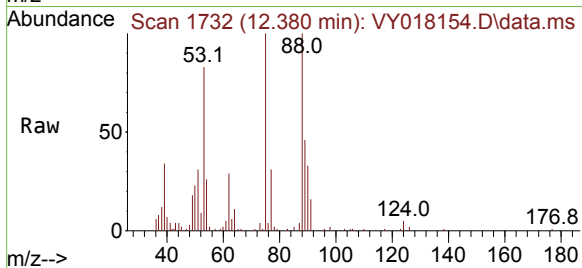




#81
trans-1,4-Dichloro-2-butene
Concen: 20.286 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

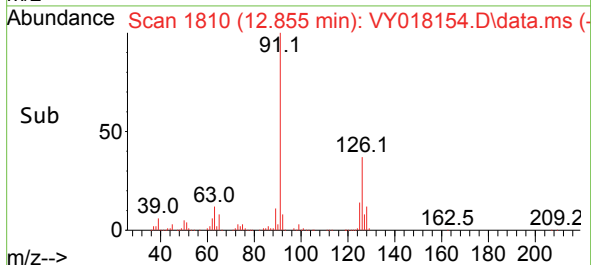
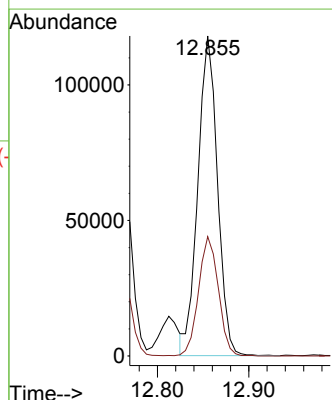
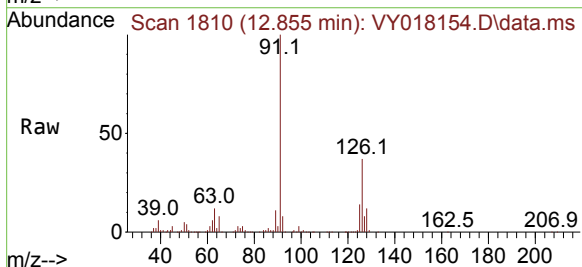
Instrument :
MSVOA_Y
ClientSampleId :

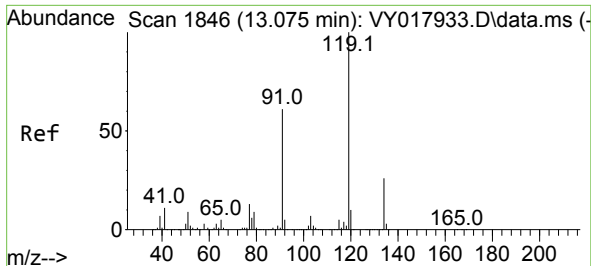
Tgt Ion: 75 Resp: 16122
Ion Ratio Lower Upper
75 100
53 85.0 66.8 100.2
89 49.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.180 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 91 Resp: 175591
Ion Ratio Lower Upper
91 100
126 37.8 17.6 52.9

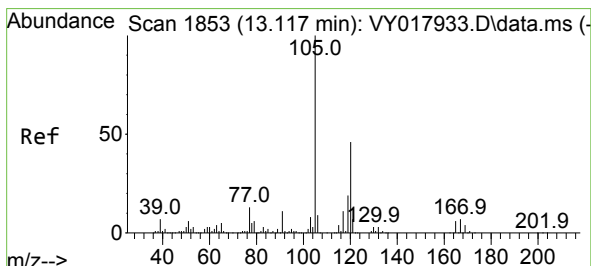
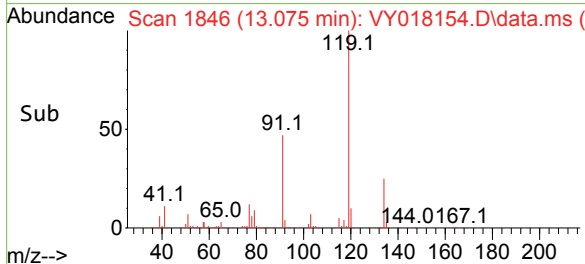
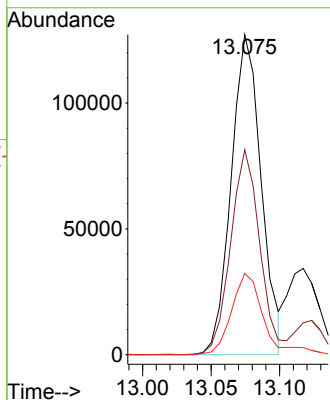
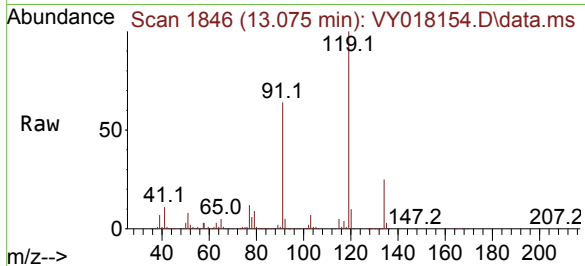




#83
tert-Butylbenzene
Concen: 20.278 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

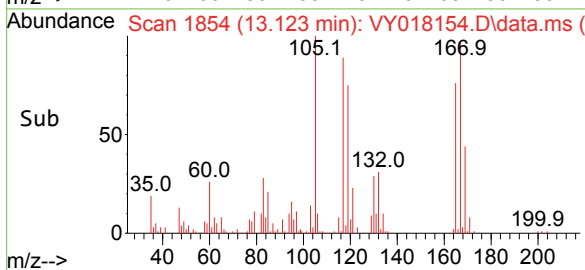
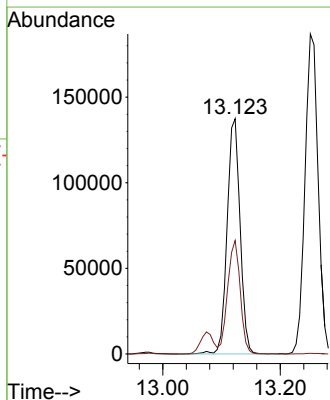
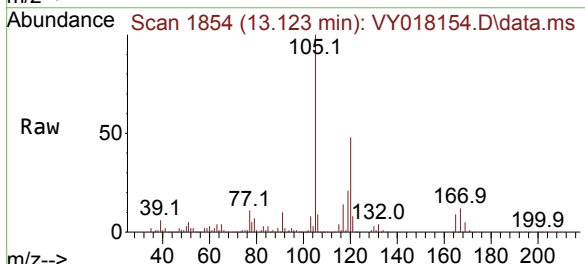
Instrument :
MSVOA_Y
ClientSampleId :

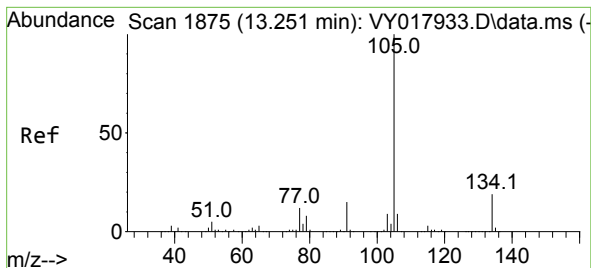
Tgt Ion:119 Resp: 194268
Ion Ratio Lower Upper
119 100
91 62.4 31.3 93.8
134 27.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.503 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion:105 Resp: 210176
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.961 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

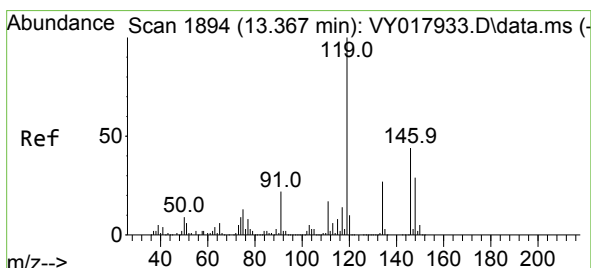
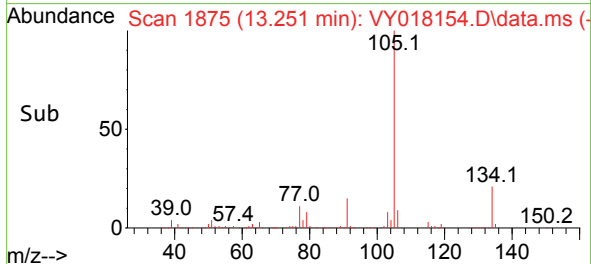
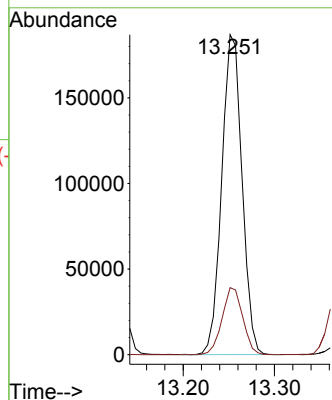
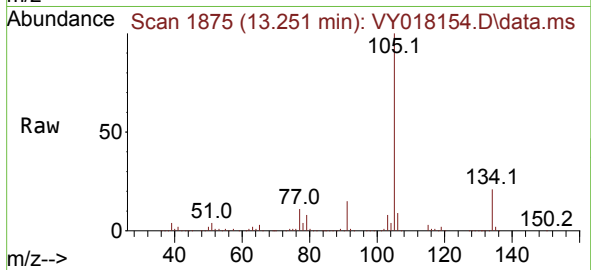
ClientSampleId :

Tgt Ion:105 Resp: 288178

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.685 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

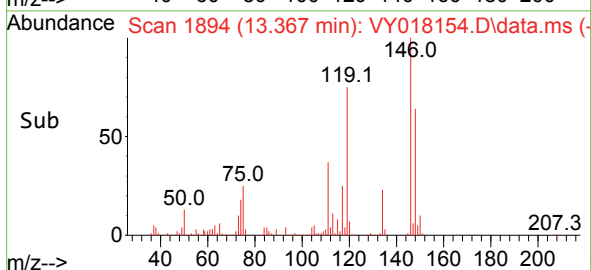
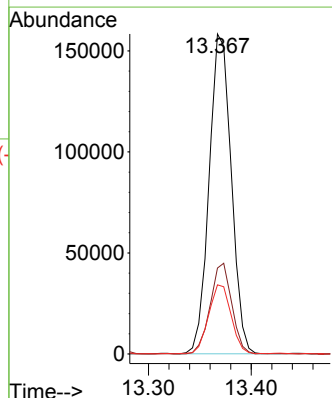
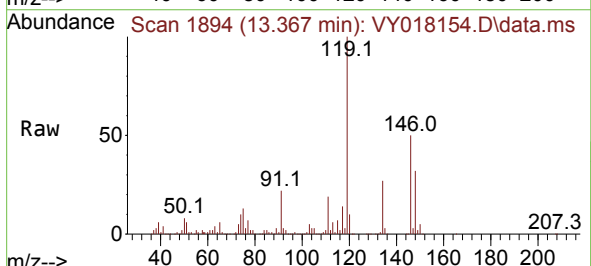
Tgt Ion:119 Resp: 236996

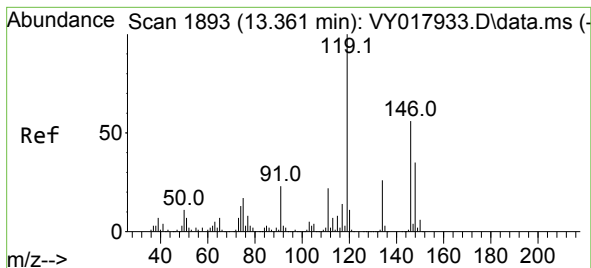
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 22.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.686 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

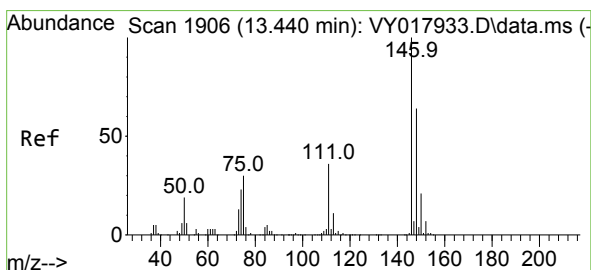
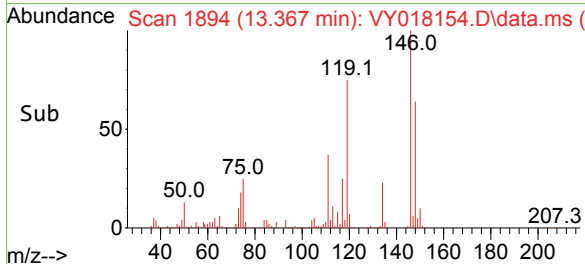
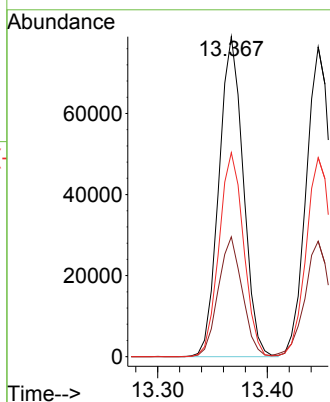
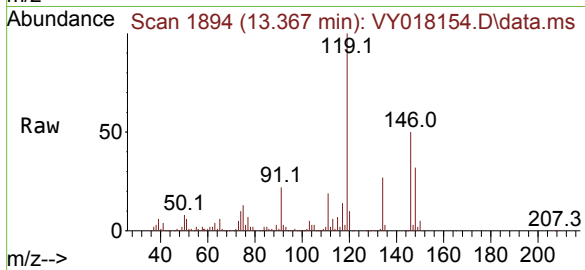
Tgt Ion:146 Resp: 122064

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.704 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

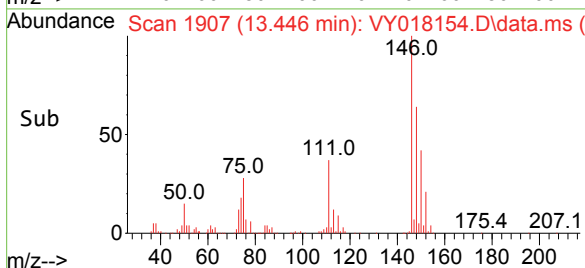
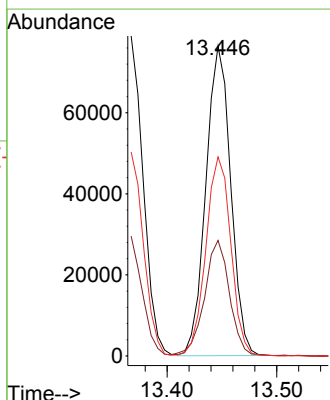
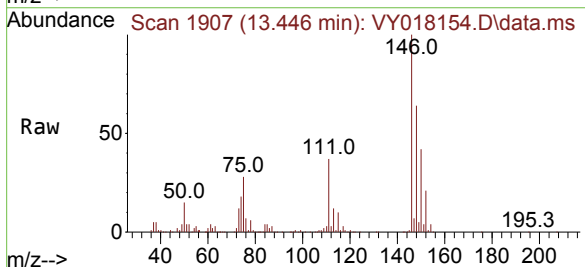
Tgt Ion:146 Resp: 120412

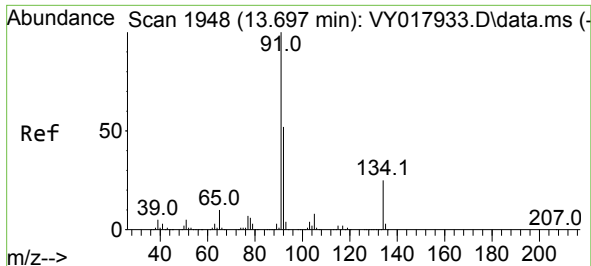
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.4

148 64.9 32.4 97.2

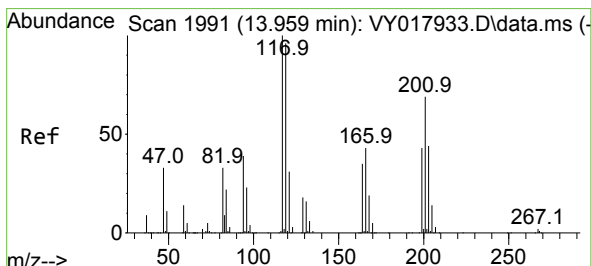
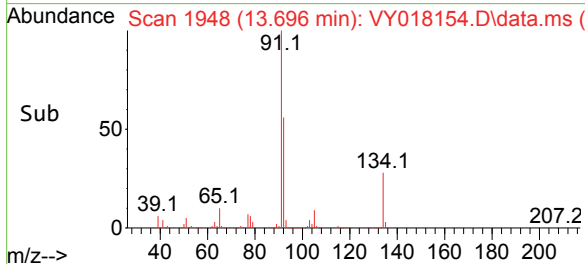
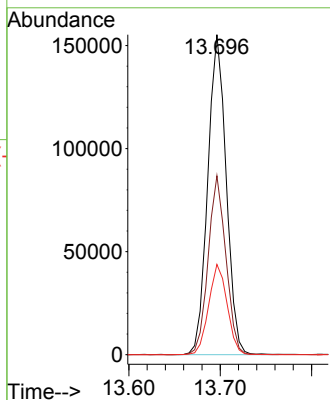
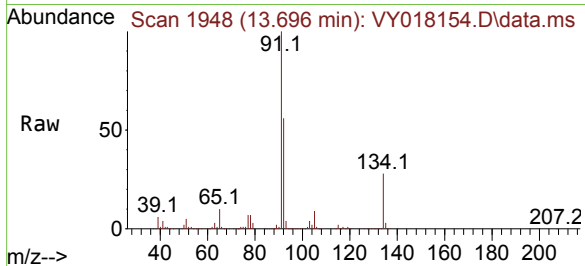




#89
n-Butylbenzene
Concen: 21.416 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

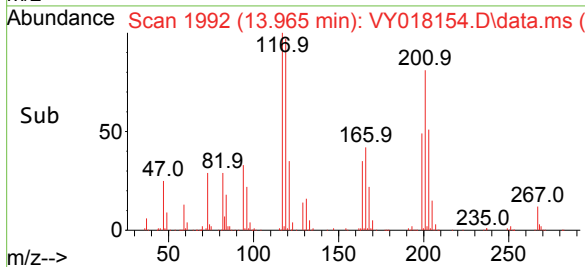
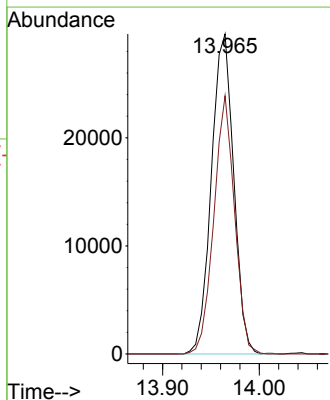
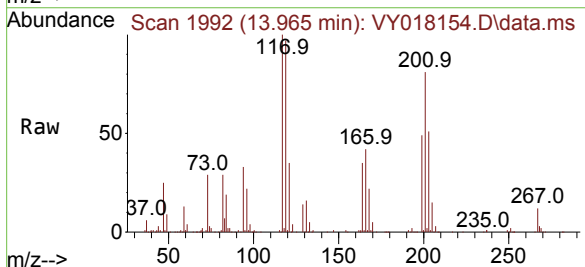
Instrument :
MSVOA_Y
ClientSampleId :

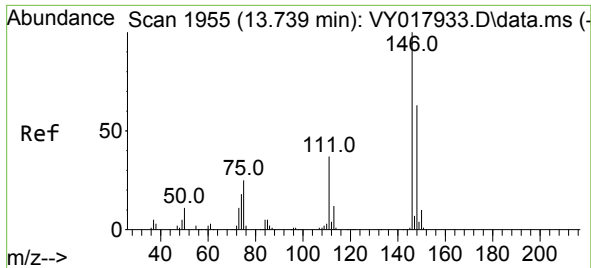
Tgt Ion: 91 Resp: 217141
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 28.4 12.9 38.7



#90
Hexachloroethane
Concen: 20.384 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY018154.D
Acq: 06 May 2024 11:06

Tgt Ion: 117 Resp: 47448
Ion Ratio Lower Upper
117 100
201 74.9 37.4 112.2

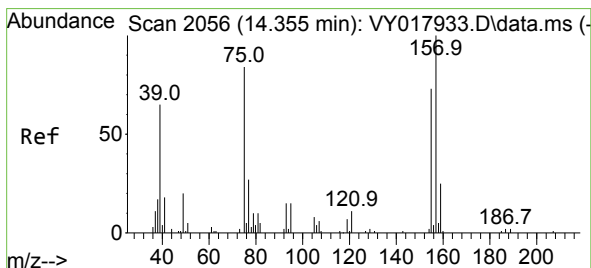
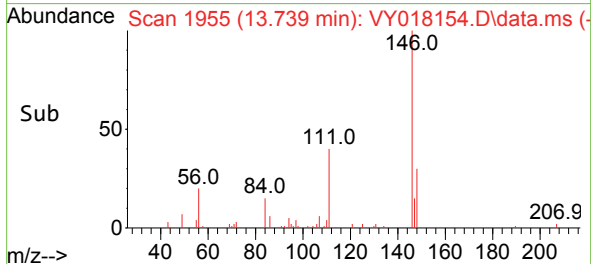
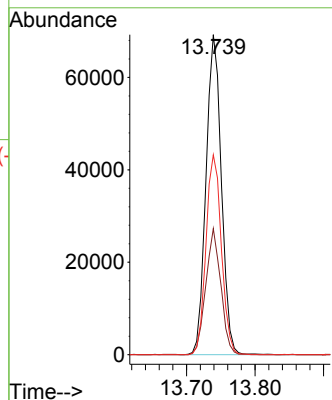
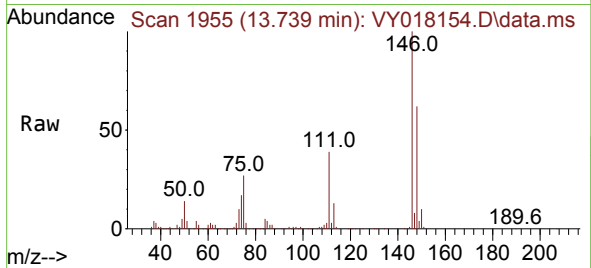




#91
 1,2-Dichlorobenzene
 Concen: 21.009 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

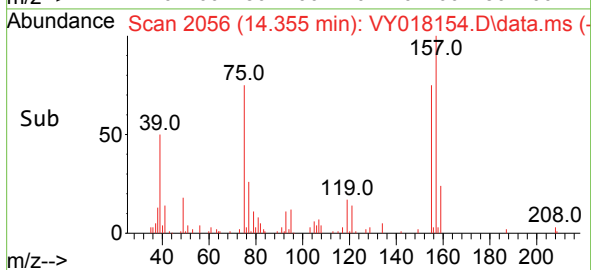
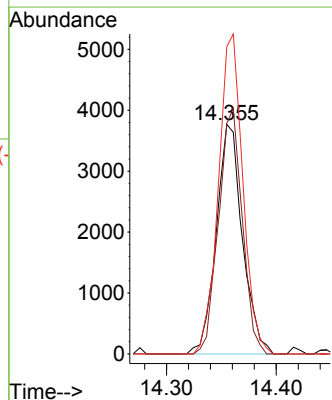
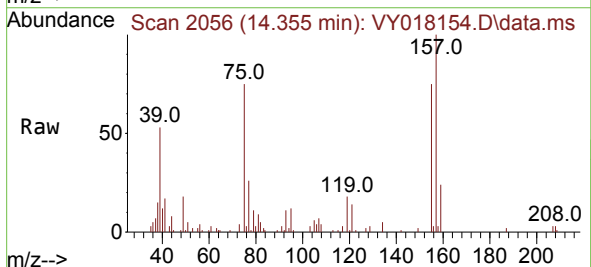
Instrument :
 MSVOA_Y
 ClientSampleId :

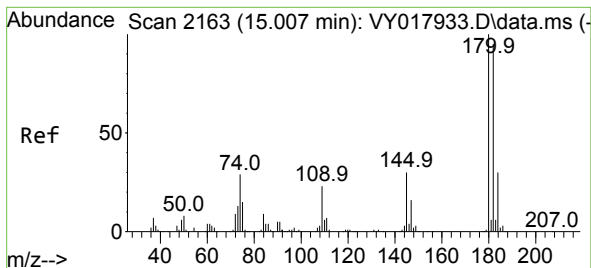
Tgt Ion:146 Resp: 108022
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.9 59.7
 148 62.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.003 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY018154.D
 Acq: 06 May 2024 11:06

Tgt Ion: 75 Resp: 6234
 Ion Ratio Lower Upper
 75 100
 155 96.9 48.6 145.8
 157 130.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.530 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

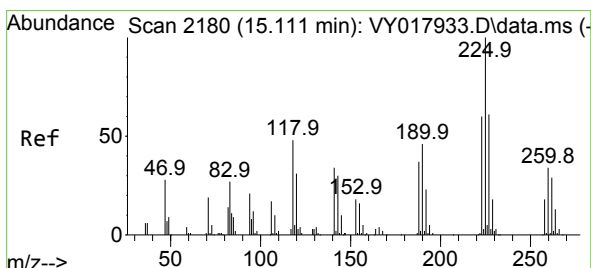
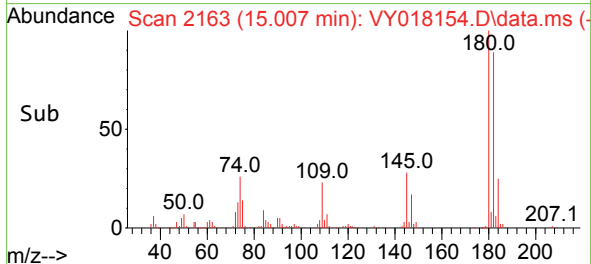
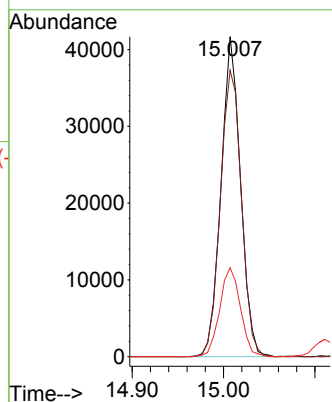
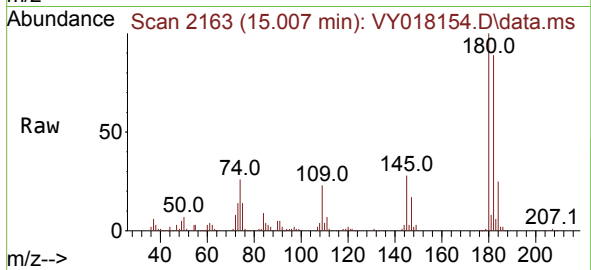
Tgt Ion:180 Resp: 61871

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.415 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

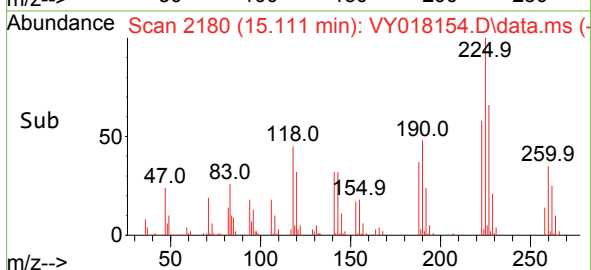
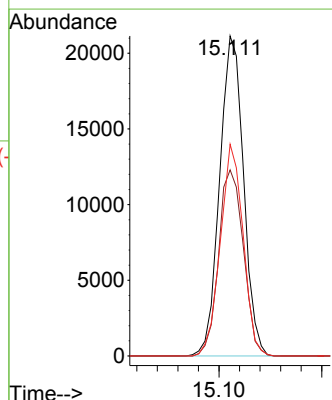
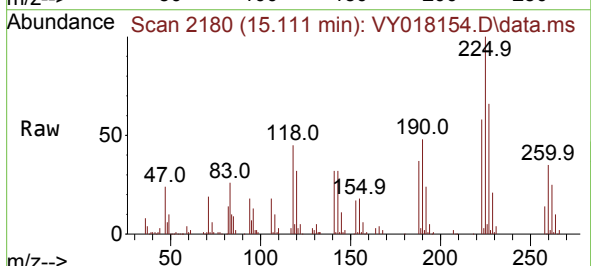
Tgt Ion:225 Resp: 34065

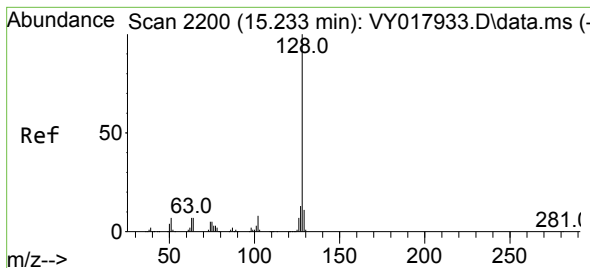
Ion Ratio Lower Upper

225 100

223 60.3 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 20.878 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

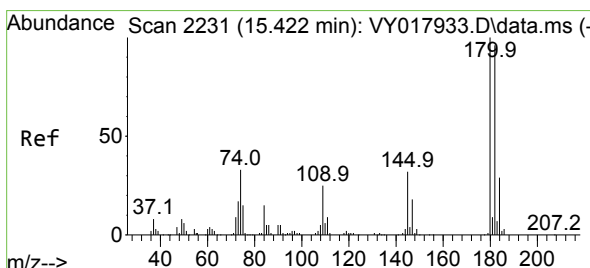
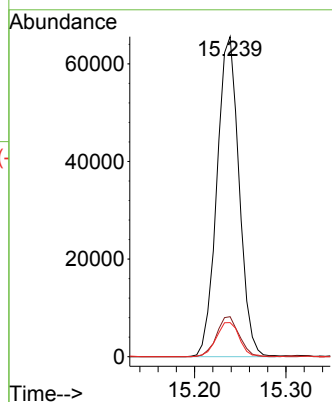
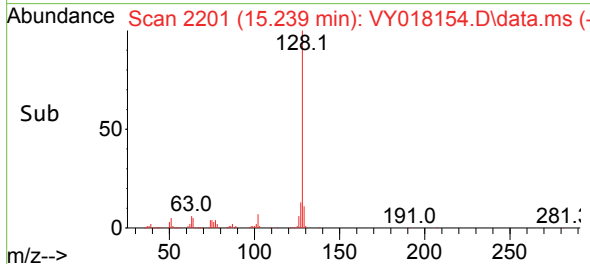
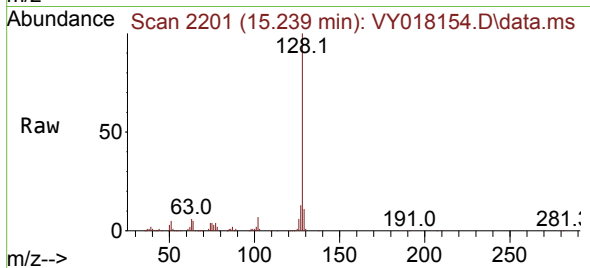
Tgt Ion:128 Resp: 110470

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.257 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018154.D

Acq: 06 May 2024 11:06

Tgt Ion:180 Resp: 50972

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 32.4 15.4 46.1

