

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018227.D
 Acq On : 10 May 2024 12:33
 Operator : SY/MD
 Sample : VY0510SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 00:56:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77036	52.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.700%	
35) Dibromofluoromethane	7.710	113	91209	51.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.179	98	351438	50.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.483	95	108922	48.431	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	34599	21.813	ug/l	95
3) Chloromethane	2.113	50	43548	20.510	ug/l	97
4) Vinyl Chloride	2.247	62	55469	21.550	ug/l	99
5) Bromomethane	2.637	94	38901	21.762	ug/l	96
6) Chloroethane	2.784	64	35984	22.028	ug/l	100
7) Trichlorofluoromethane	3.113	101	64131	21.271	ug/l	94
8) Diethyl Ether	3.521	74	21617	21.780	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	41626	21.664	ug/l	99
10) Methyl Iodide	4.076	142	42276	18.842	ug/l	98
11) Tert butyl alcohol	4.948	59	18310	136.190	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	39839	20.596	ug/l	92
13) Acrolein	3.722	56	16252	110.493	ug/l	96
14) Allyl chloride	4.472	41	53907	21.907	ug/l	97
15) Acrylonitrile	5.143	53	45511	119.240	ug/l	99
16) Acetone	3.942	43	35937	122.385	ug/l	93
17) Carbon Disulfide	4.186	76	93090	17.678	ug/l	100
18) Methyl Acetate	4.460	43	19930	23.827	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	97638	22.660	ug/l	95
20) Methylene Chloride	4.710	84	62860	30.287	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	42920	20.933	ug/l	96
22) Diisopropyl ether	6.106	45	118419	22.686	ug/l #	90
23) Vinyl Acetate	6.051	43	357463	112.669	ug/l	99
24) 1,1-Dichloroethane	6.009	63	71514	22.243	ug/l	99
25) 2-Butanone	6.978	43	55639	118.538	ug/l	98
26) 2,2-Dichloropropane	6.978	77	63422	21.795	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	52949	21.852	ug/l	98
28) Bromochloromethane	7.325	49	25427	19.787	ug/l	95
29) Tetrahydrofuran	7.338	42	36477	117.732	ug/l	93
30) Chloroform	7.502	83	75826	22.591	ug/l	98
31) Cyclohexane	7.777	56	62191	20.452	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	66509	22.108	ug/l	96
36) 1,1-Dichloropropene	7.911	75	53131	20.971	ug/l	98
37) Ethyl Acetate	7.063	43	24925	23.375	ug/l #	97
38) Carbon Tetrachloride	7.899	117	57838	20.893	ug/l	98
39) Methylcyclohexane	9.179	83	71824	19.651	ug/l	97
40) Benzene	8.155	78	173813	21.329	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14849	24.115	ug/l	90
42) 1,2-Dichloroethane	8.228	62	39582	22.323	ug/l	97
43) Isopropyl Acetate	8.270	43	49714	22.745	ug/l	94
44) Trichloroethene	8.935	130	45413	20.471	ug/l	97
45) 1,2-Dichloropropane	9.215	63	40076	22.494	ug/l	95
46) Dibromomethane	9.301	93	22569	22.035	ug/l	97
47) Bromodichloromethane	9.496	83	55198	21.799	ug/l	95
48) Methyl methacrylate	9.295	41	21371	21.334	ug/l	91
49) 1,4-Dioxane	9.295	88	5776	424.848	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	125715	114.438	ug/l	94
52) Toluene	10.246	92	111476	21.248	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	51483	21.768	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	62241	21.529	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	30996	22.030	ug/l	96
56) Ethyl methacrylate	10.508	69	41449	21.691	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	52017	22.715	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	97101	106.415	ug/l	93
59) 2-Hexanone	10.831	43	87322	113.684	ug/l	96
60) Dibromochloromethane	10.983	129	39713	21.755	ug/l	98
61) 1,2-Dibromoethane	11.087	107	28833	21.756	ug/l	100
64) Tetrachloroethene	10.721	164	38610	20.480	ug/l	93
65) Chlorobenzene	11.520	112	124436	21.577	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	41984	22.507	ug/l	96
67) Ethyl Benzene	11.593	91	212326	21.806	ug/l	95
68) m/p-Xylenes	11.703	106	167067	43.388	ug/l	96
69) o-Xylene	12.032	106	80754	21.853	ug/l	93
70) Styrene	12.044	104	137113	22.219	ug/l	97
71) Bromoform	12.209	173	21863	21.182	ug/l #	97
73) Isopropylbenzene	12.331	105	209226	22.046	ug/l	98
74) N-amyl acetate	12.142	43	43407	22.033	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	34358	22.694	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	42393	41.841	ug/l #	100
77) Bromobenzene	12.611	156	47492	21.783	ug/l	94
78) n-propylbenzene	12.672	91	245922	22.278	ug/l	97
79) 2-Chlorotoluene	12.757	91	134979	22.004	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	166037	22.187	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	12300	23.389	ug/l	97
82) 4-Chlorotoluene	12.855	91	134936	21.899	ug/l	96
83) tert-Butylbenzene	13.074	119	154133	22.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	161045	21.969	ug/l	98
85) sec-Butylbenzene	13.257	105	226168	22.337	ug/l	99
86) p-Isopropyltoluene	13.373	119	185548	22.276	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93106	22.112	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	90719	22.101	ug/l	99
89) n-Butylbenzene	13.696	91	167175	22.177	ug/l	98
90) Hexachloroethane	13.965	117	35044	21.445	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	79121	21.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4510	21.878	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	44549	21.896	ug/l	96
94) Hexachlorobutadiene	15.111	225	22967	20.459	ug/l	95
95) Naphthalene	15.239	128	80871	21.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	36679	21.968	ug/l	98

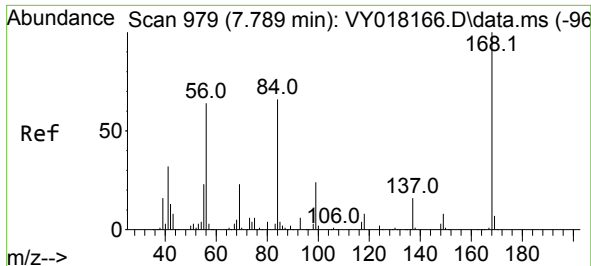
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
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Response via : Initial Calibration

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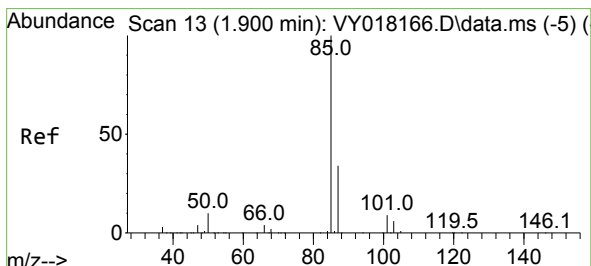
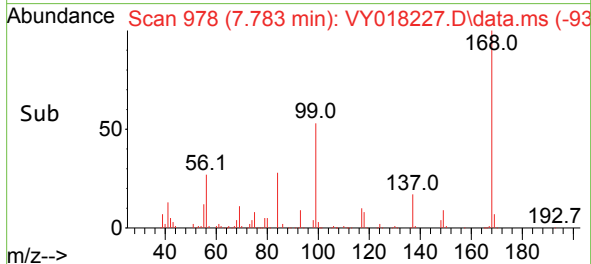
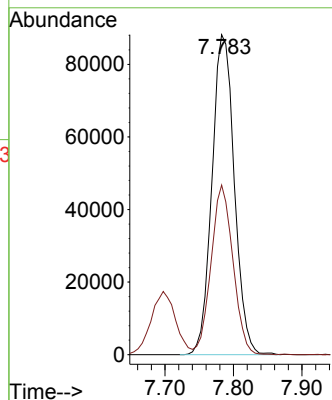
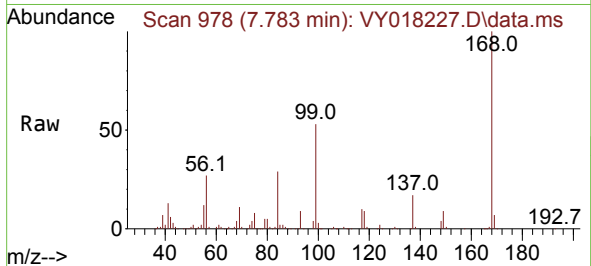
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

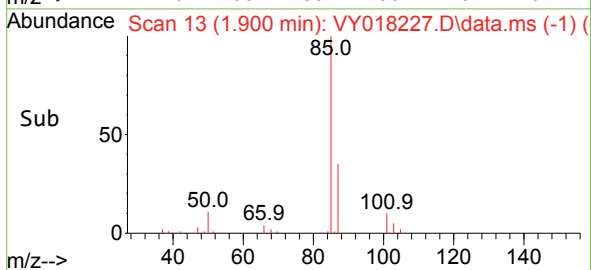
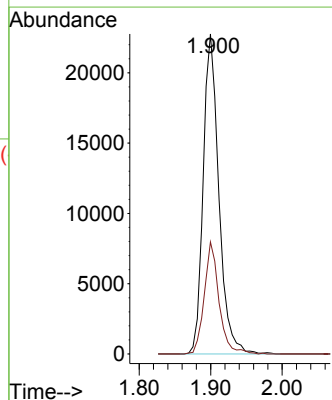
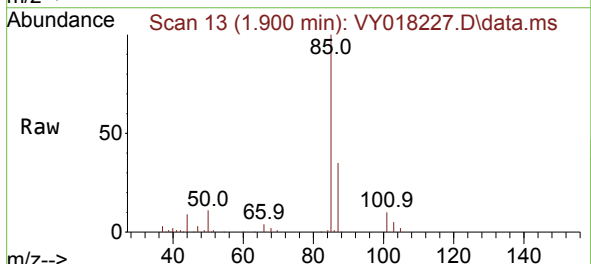
Instrument :
MSVOA_Y
ClientSampleId :

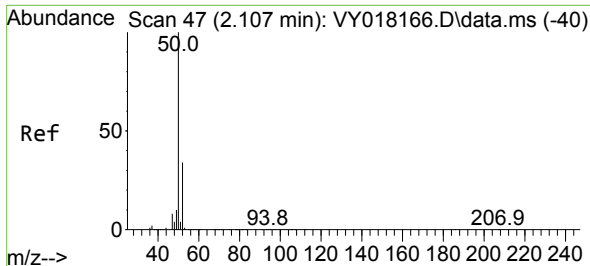
Tgt Ion:168 Resp: 200012
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.813 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

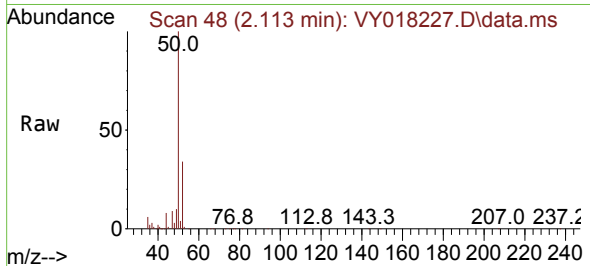
Tgt Ion: 85 Resp: 34599
Ion Ratio Lower Upper
85 100
87 35.0 16.0 48.0



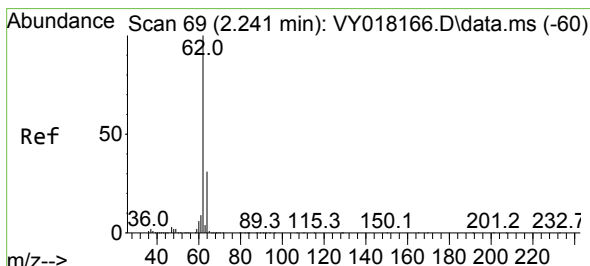
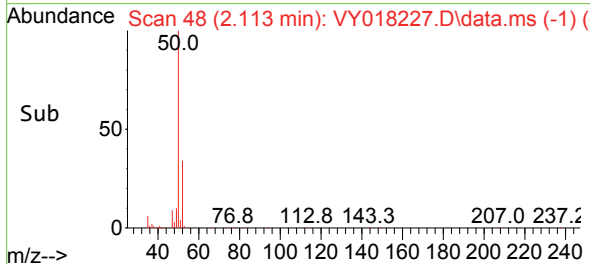
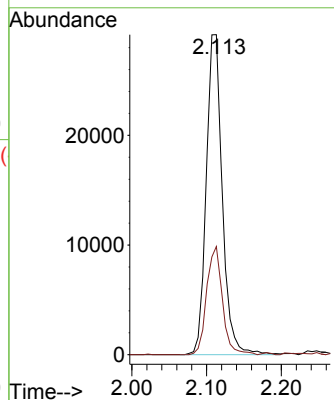


#3
Chloromethane
Concen: 20.510 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

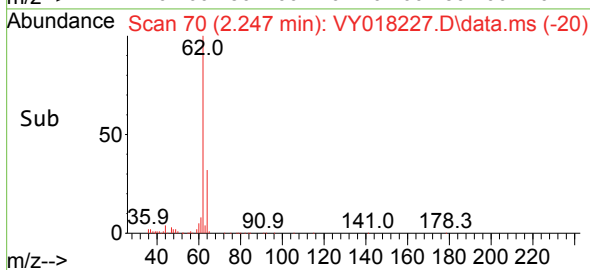
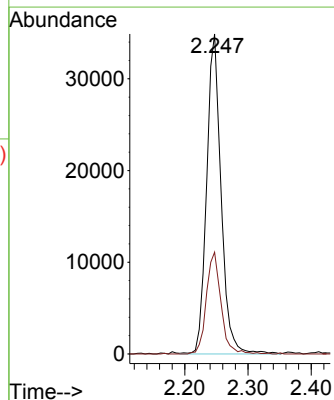
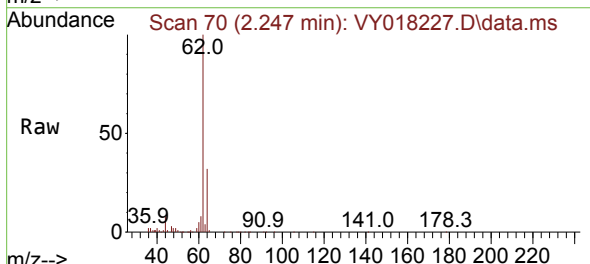


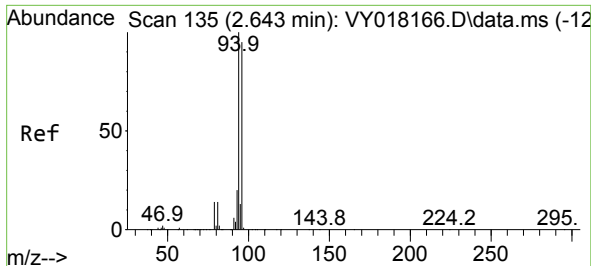
Tgt Ion: 50 Resp: 43548
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 21.550 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

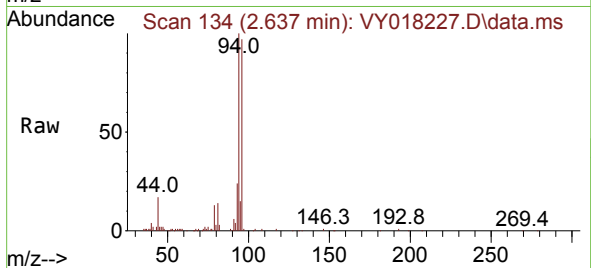
Tgt Ion: 62 Resp: 55469
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1



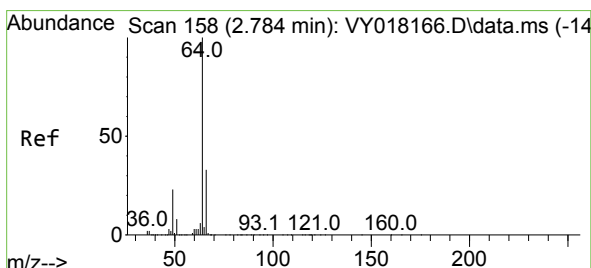
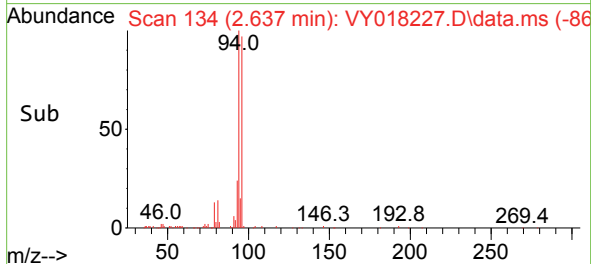
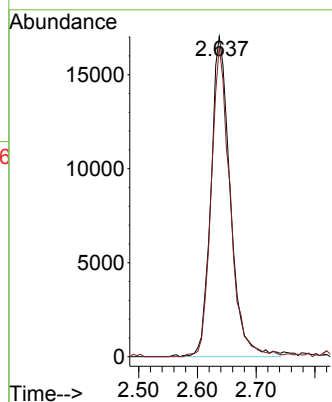


#5
Bromomethane
Concen: 21.762 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

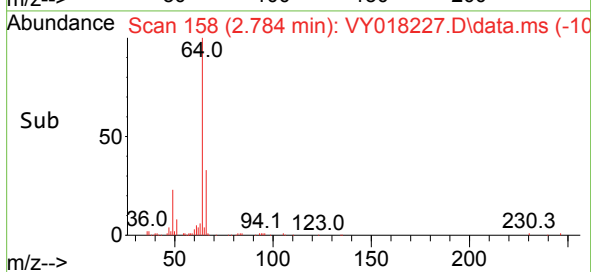
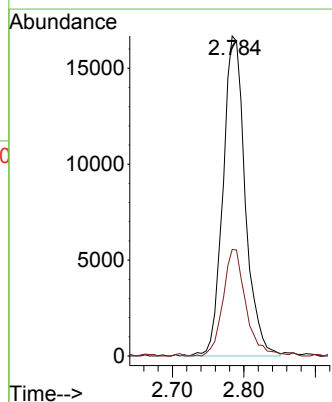
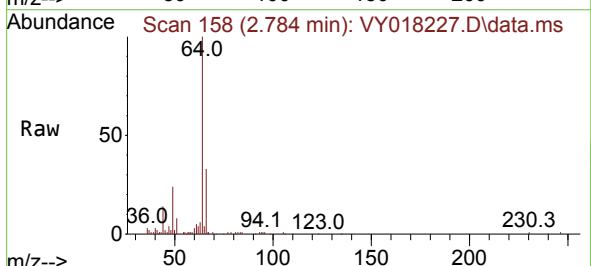


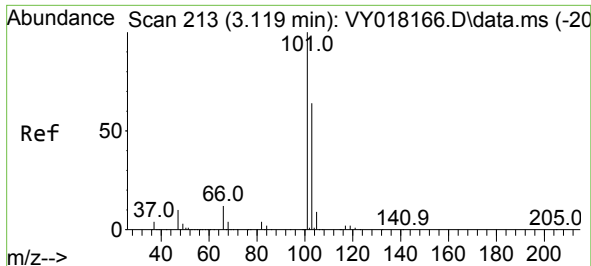
Tgt Ion: 94 Resp: 38901
Ion Ratio Lower Upper
94 100
96 96.9 74.1 111.1



#6
Chloroethane
Concen: 22.028 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

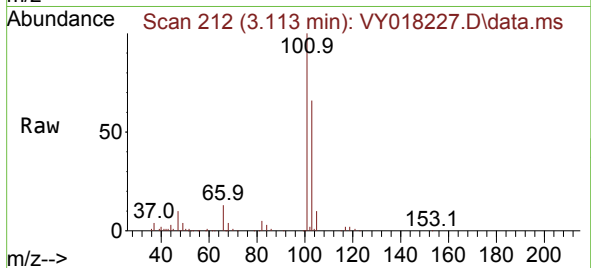
Tgt Ion: 64 Resp: 35984
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1



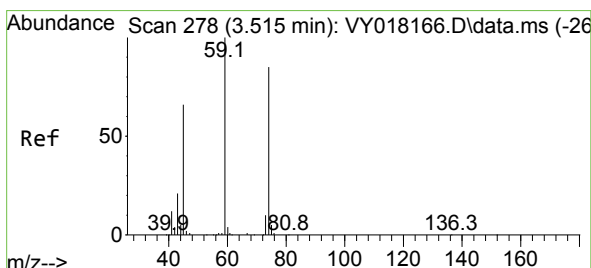
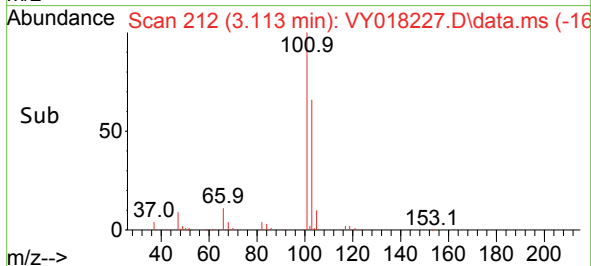
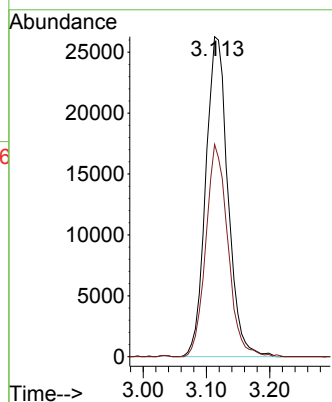


#7
 Trichlorofluoromethane
 Concen: 21.271 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY018227.D
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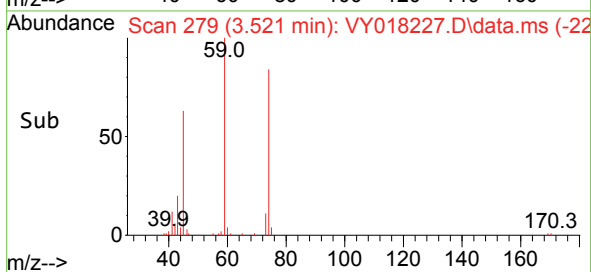
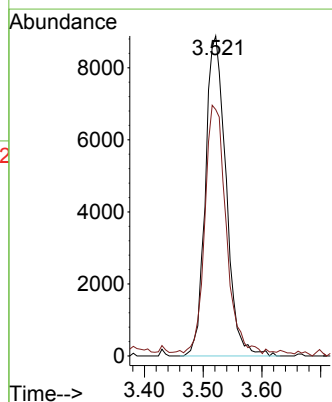
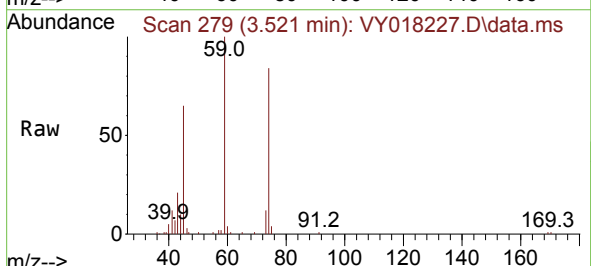


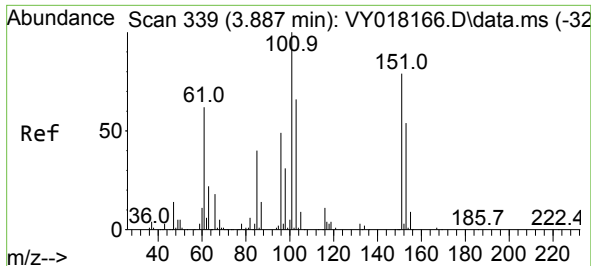
Tgt Ion: 101 Resp: 64131
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.780 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018227.D
 Acq: 10 May 2024 12:33

Tgt Ion: 74 Resp: 21617
 Ion Ratio Lower Upper
 74 100
 45 80.3 41.3 124.1

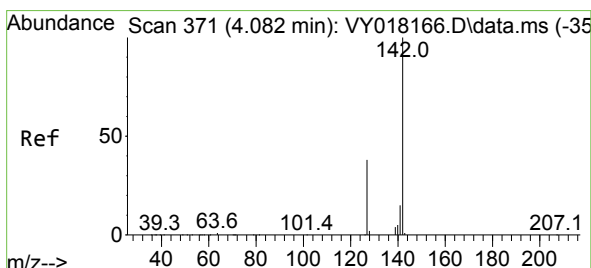
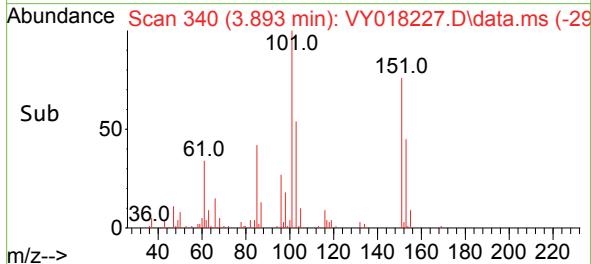
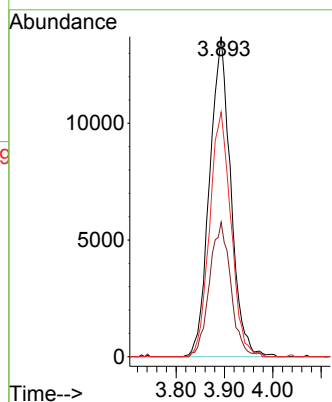
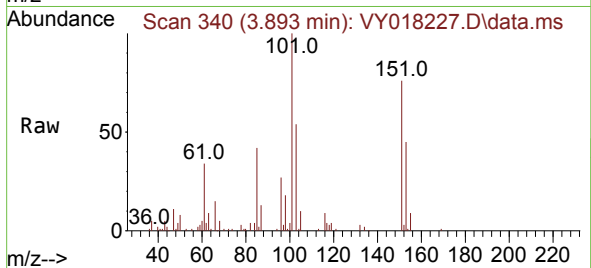




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.664 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY018227.D
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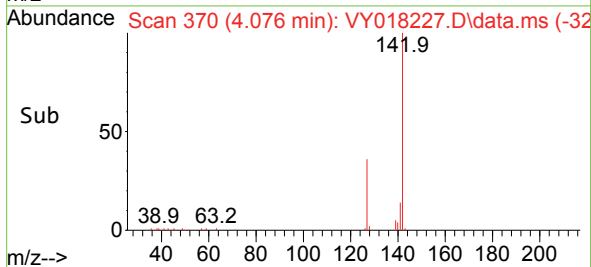
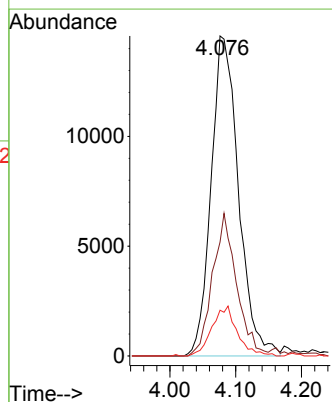
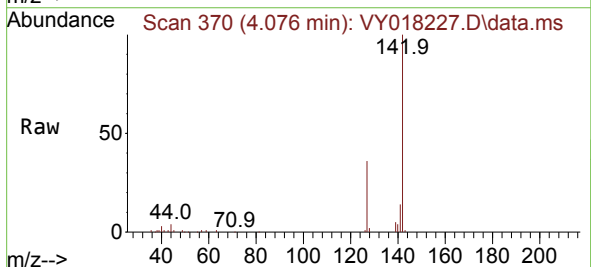
Instrument :
MSVOA_Y
ClientSampleId :

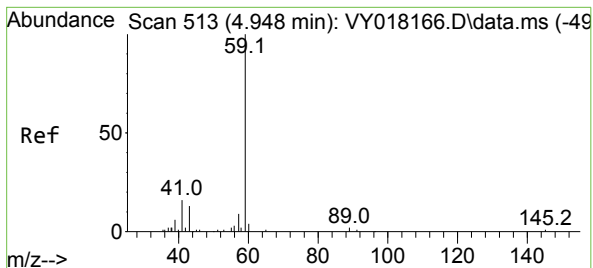
Tgt Ion:101 Resp: 41626
Ion Ratio Lower Upper
101 100
85 42.3 34.5 51.7
151 77.0 61.7 92.5



#10
Methyl Iodide
Concen: 18.842 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion:142 Resp: 42276
Ion Ratio Lower Upper
142 100
127 39.1 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 136.190 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

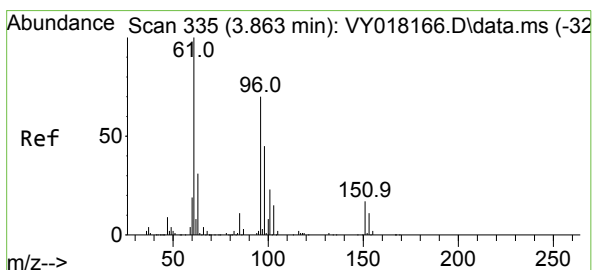
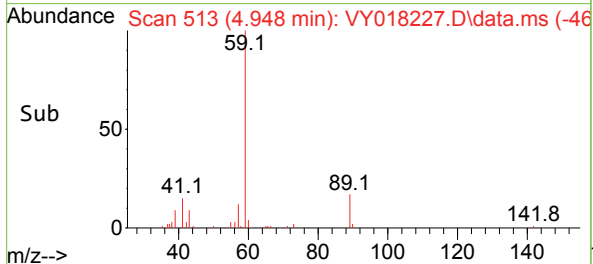
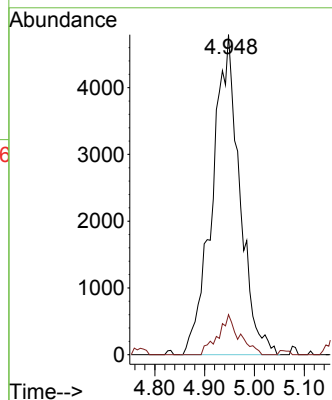
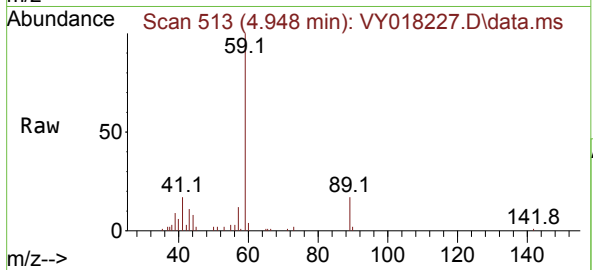
ClientSampleId :

Tgt Ion: 59 Resp: 18310

Ion Ratio Lower Upper

59 100

57 9.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.596 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

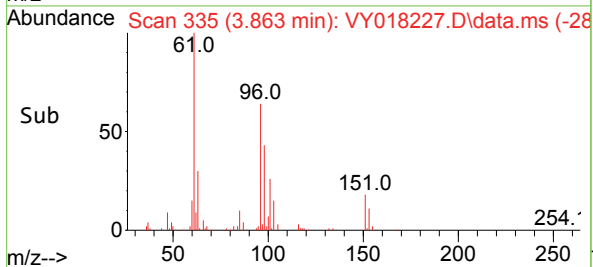
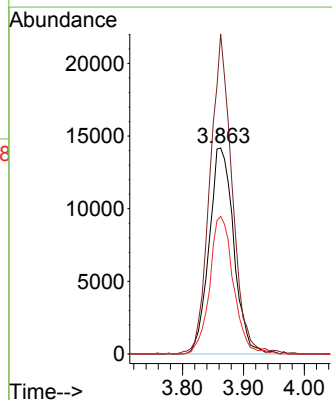
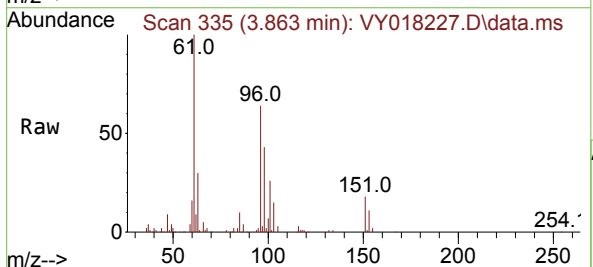
Tgt Ion: 96 Resp: 39839

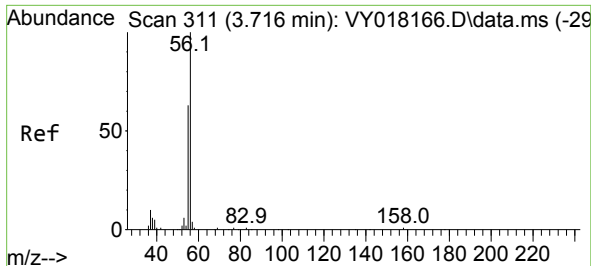
Ion Ratio Lower Upper

96 100

61 154.9 114.6 171.8

98 66.8 50.8 76.2





#13

Acrolein

Concen: 110.493 ug/l

RT: 3.722 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

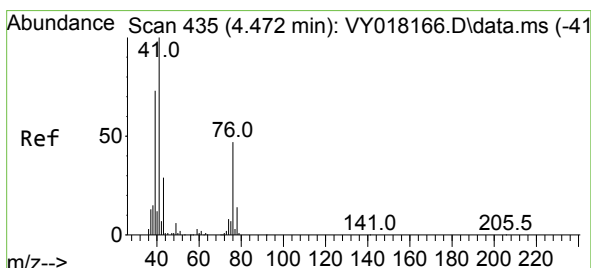
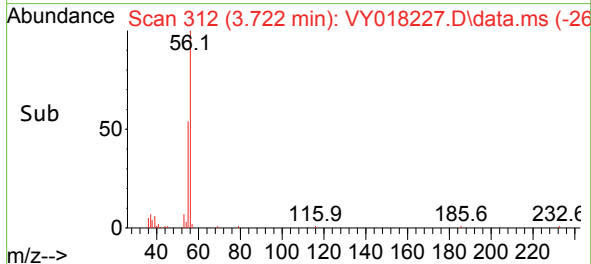
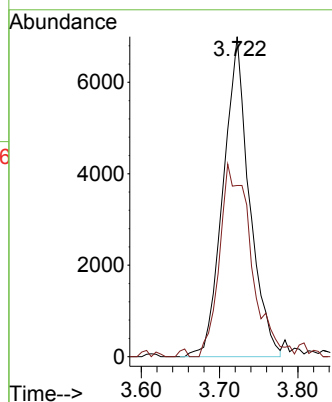
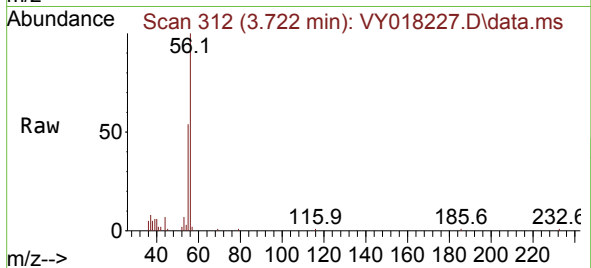
ClientSampleId :

Tgt Ion: 56 Resp: 16252

Ion Ratio Lower Upper

56 100

55 72.6 55.7 83.5



#14

Allyl chloride

Concen: 21.907 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

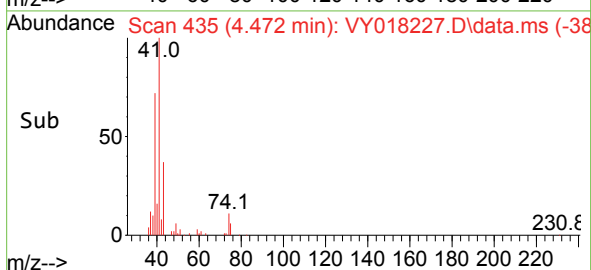
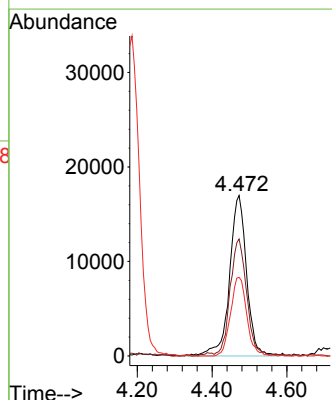
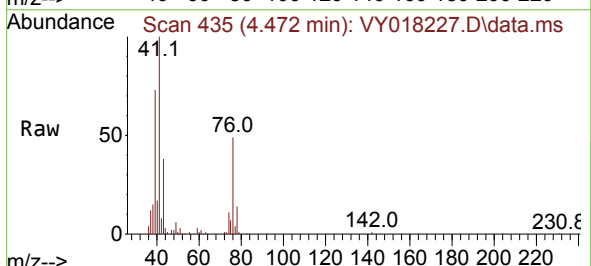
Tgt Ion: 41 Resp: 53907

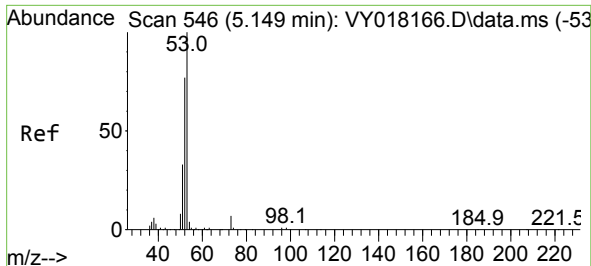
Ion Ratio Lower Upper

41 100

39 70.2 58.3 87.5

76 46.6 39.0 58.6

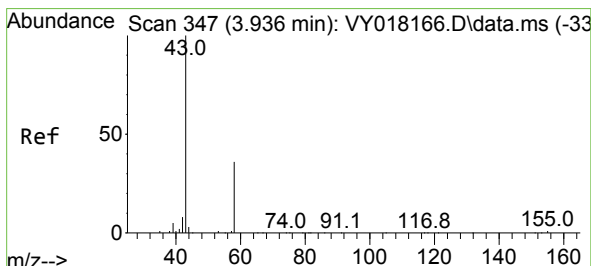
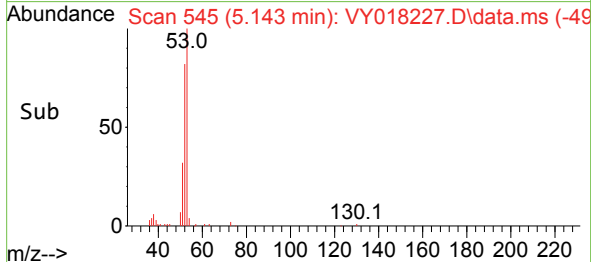
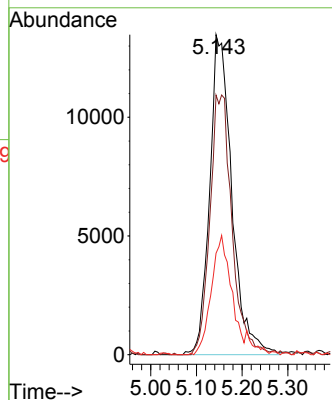
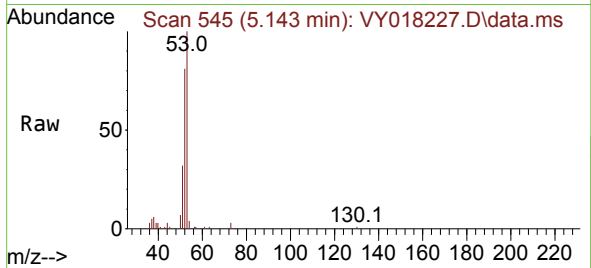




#15
Acrylonitrile
Concen: 119.240 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

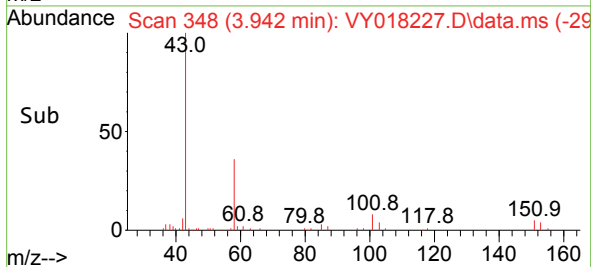
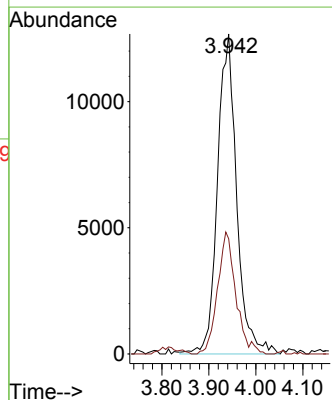
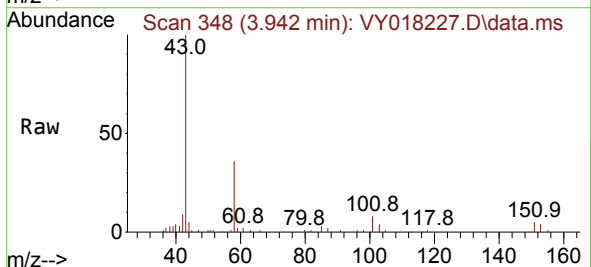
Instrument :
MSVOA_Y
ClientSampleId :

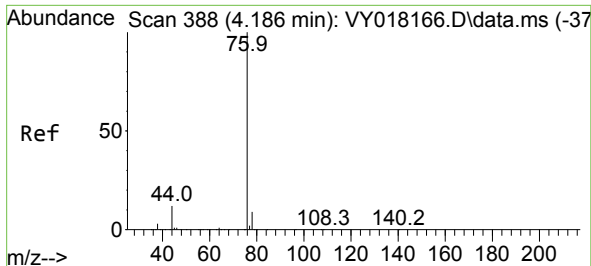
Tgt Ion: 53 Resp: 45511
Ion Ratio Lower Upper
53 100
52 81.1 64.7 97.1
51 33.4 28.4 42.6



#16
Acetone
Concen: 122.385 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 43 Resp: 35937
Ion Ratio Lower Upper
43 100
58 35.3 31.7 47.5

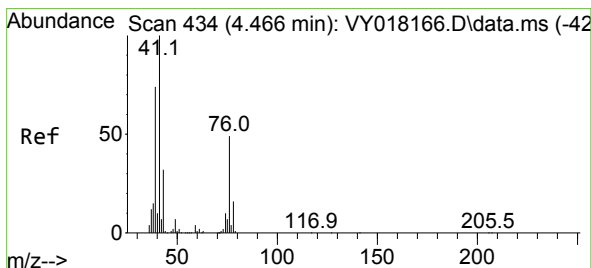
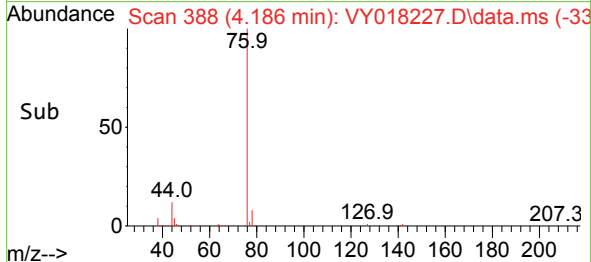
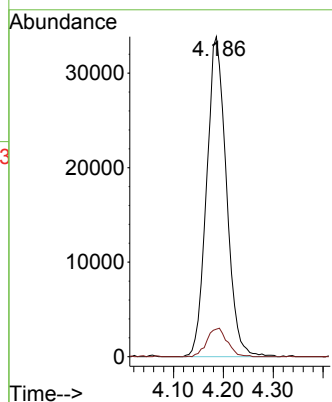
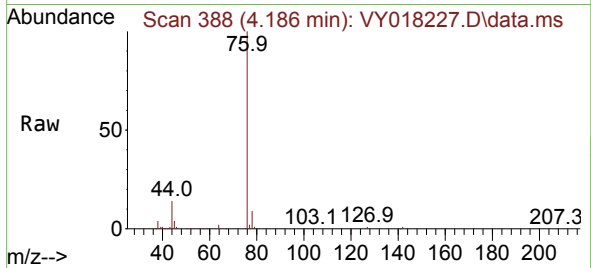




#17
Carbon Disulfide
Concen: 17.678 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

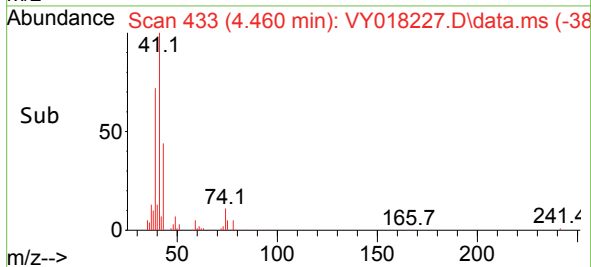
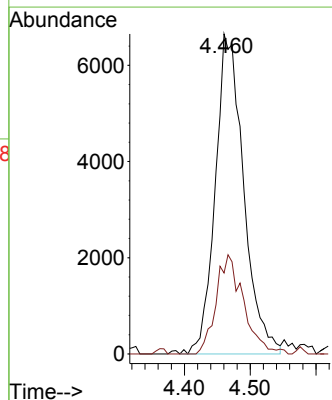
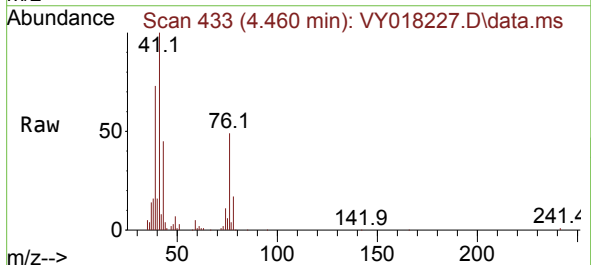
Instrument :
MSVOA_Y
ClientSampleId :

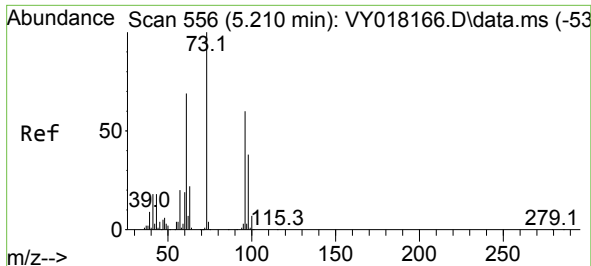
Tgt Ion: 76 Resp: 93090
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 23.827 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 43 Resp: 19930
Ion Ratio Lower Upper
43 100
74 30.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 22.660 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.000 min

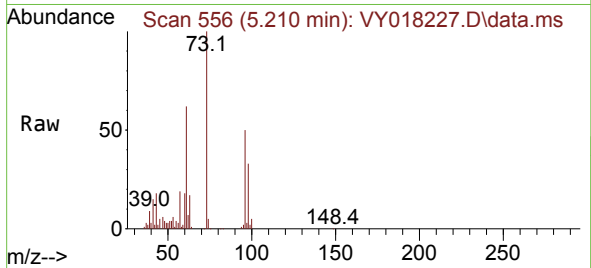
Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

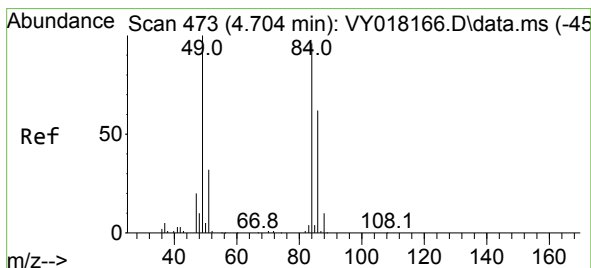
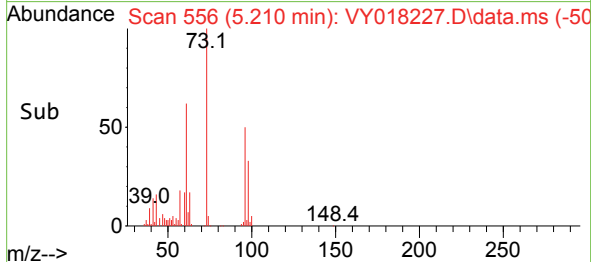
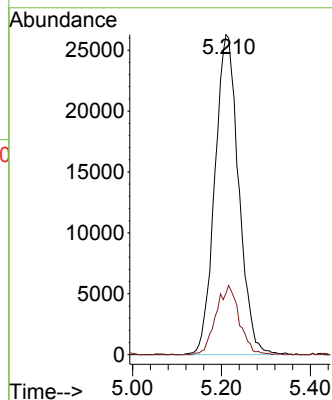


Tgt Ion: 73 Resp: 97638

Ion Ratio Lower Upper

73 100

57 19.2 17.3 25.9



#20

Methylene Chloride

Concen: 30.287 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Tgt Ion: 84 Resp: 62860

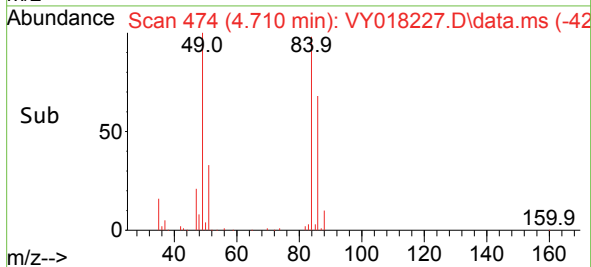
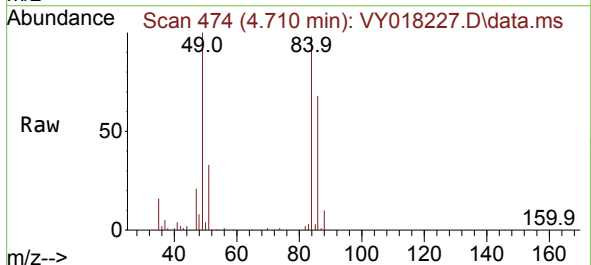
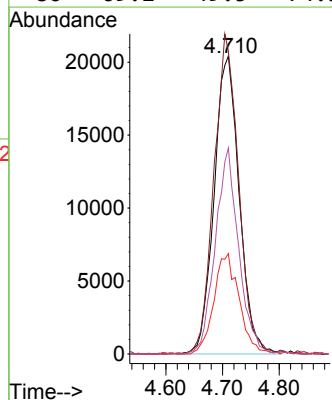
Ion Ratio Lower Upper

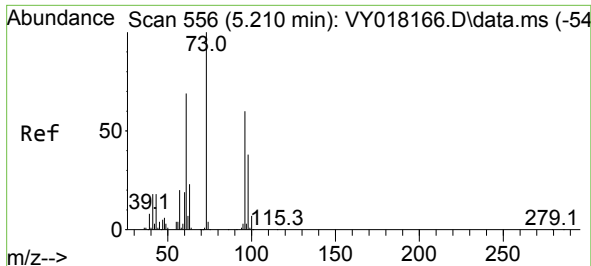
84 100

49 101.3 84.4 126.6

51 33.7 26.0 39.0

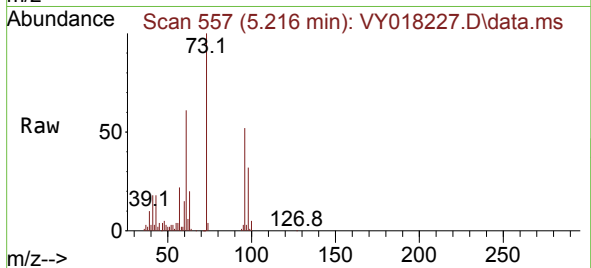
86 69.2 49.5 74.3



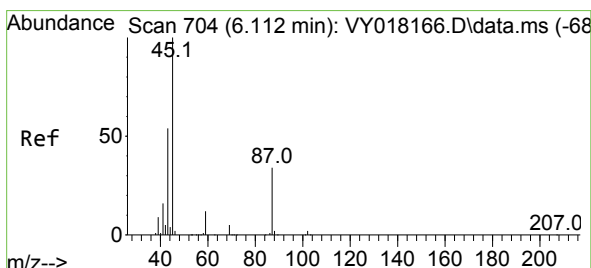
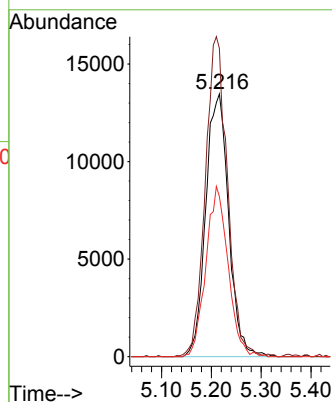
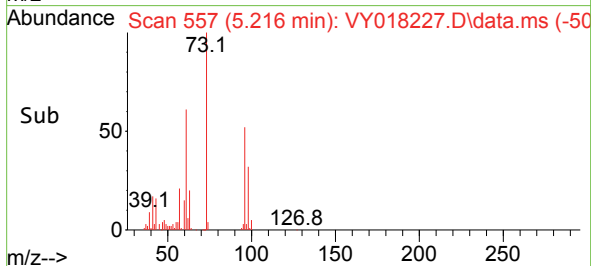


#21
trans-1,2-Dichloroethene
Concen: 20.933 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

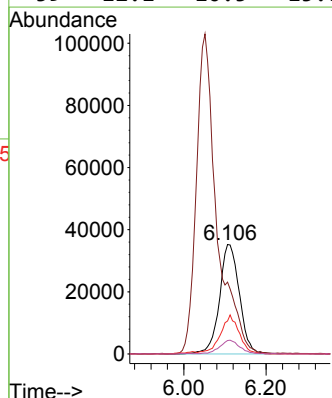
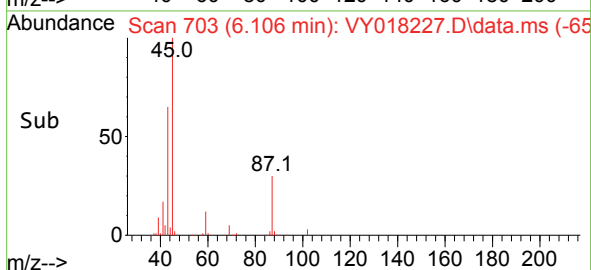
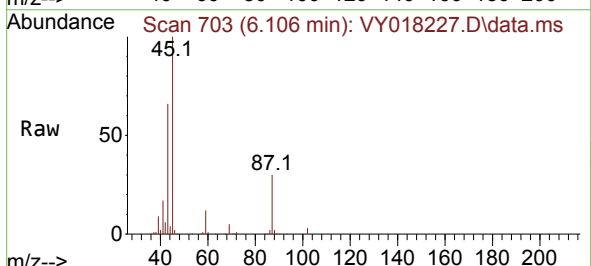


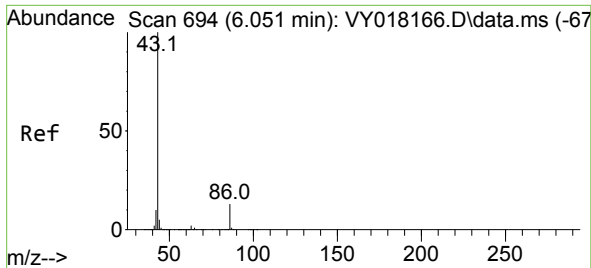
Tgt Ion: 96 Resp: 42920
Ion Ratio Lower Upper
96 100
61 117.3 97.5 146.3
98 61.0 50.5 75.7



#22
Diisopropyl ether
Concen: 22.686 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 45 Resp: 118419
Ion Ratio Lower Upper
45 100
43 64.9 42.2 63.2#
87 30.1 25.0 37.6
59 12.1 10.5 15.7

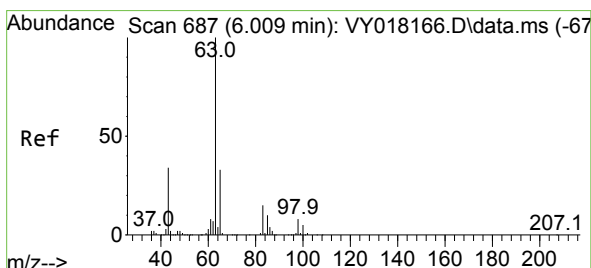
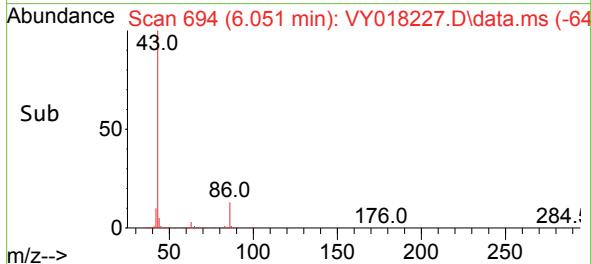
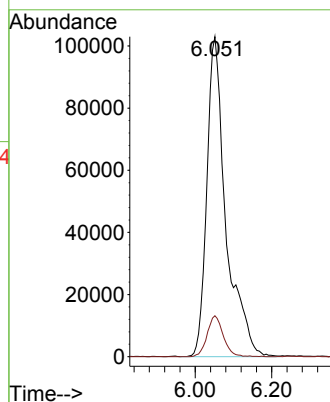
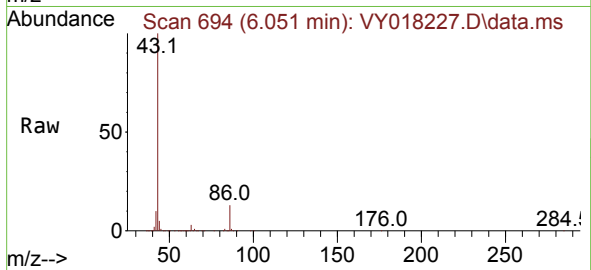




#23
 Vinyl Acetate
 Concen: 112.669 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY018227.D
 Acq: 10 May 2024 12:33

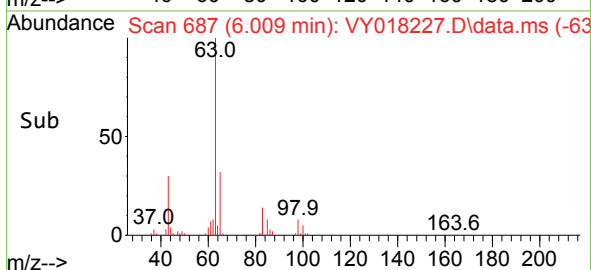
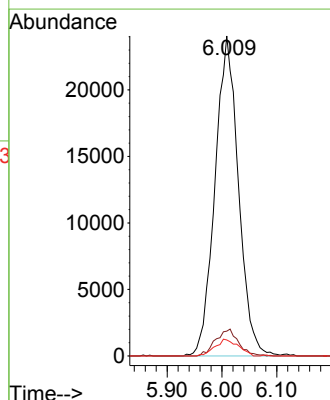
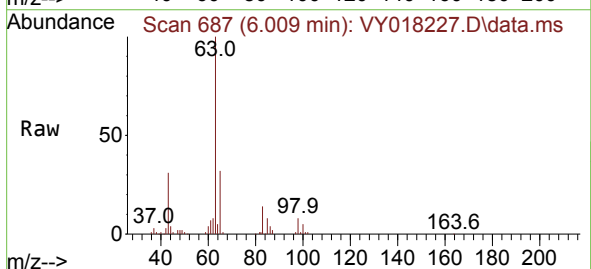
Instrument :
 MSVOA_Y
 ClientSampleId :

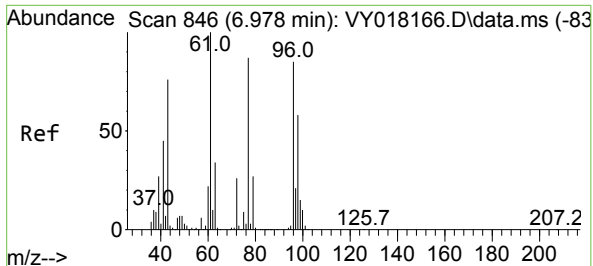
Tgt Ion: 43 Resp: 357463
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 22.243 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY018227.D
 Acq: 10 May 2024 12:33

Tgt Ion: 63 Resp: 71514
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 118.538 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

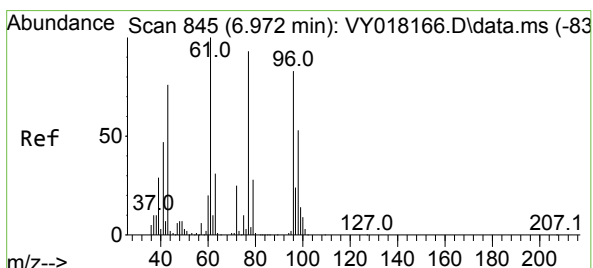
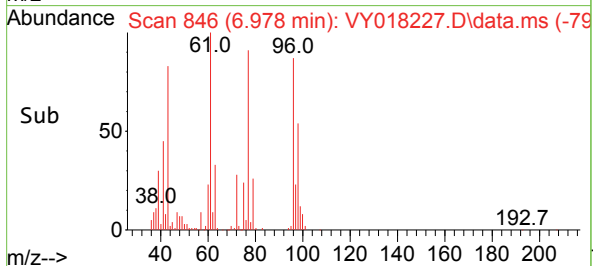
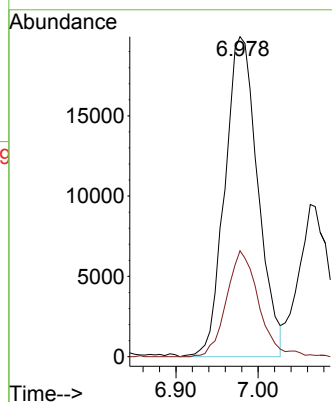
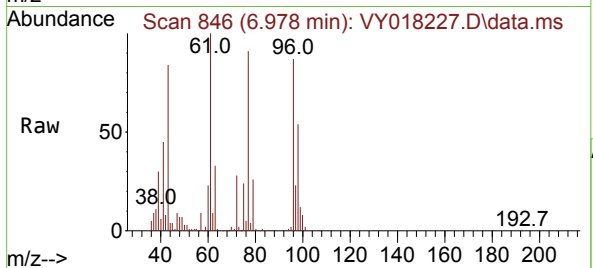
ClientSampleId :

Tgt Ion: 43 Resp: 55639

Ion Ratio Lower Upper

43 100

72 33.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.795 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018227.D

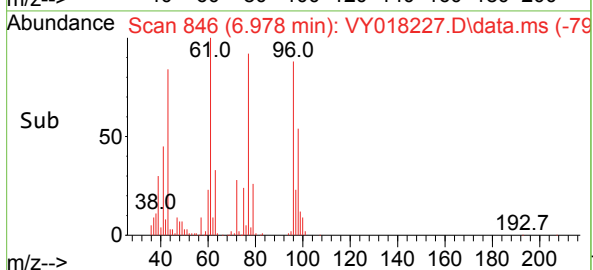
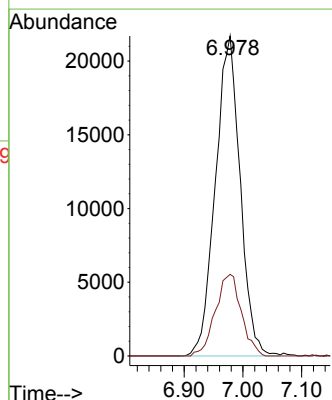
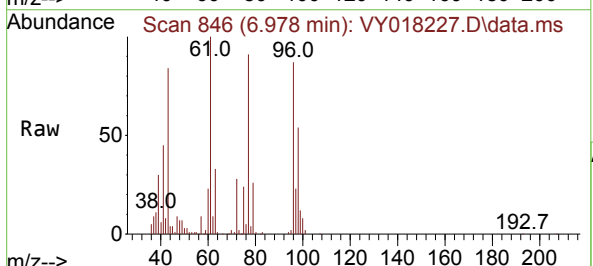
Acq: 10 May 2024 12:33

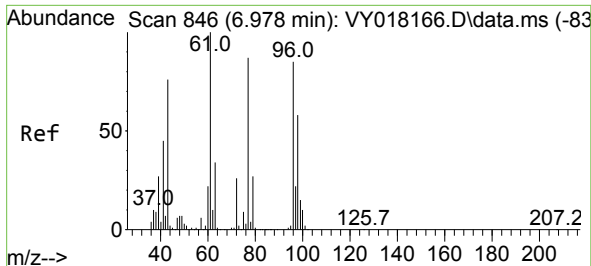
Tgt Ion: 77 Resp: 63422

Ion Ratio Lower Upper

77 100

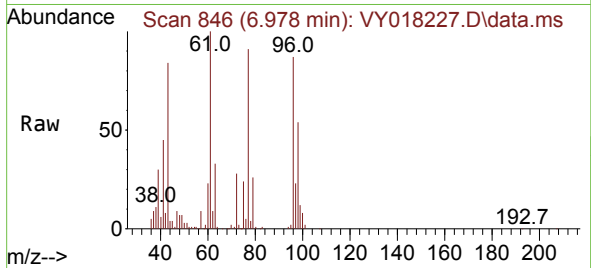
97 26.8 12.0 36.1





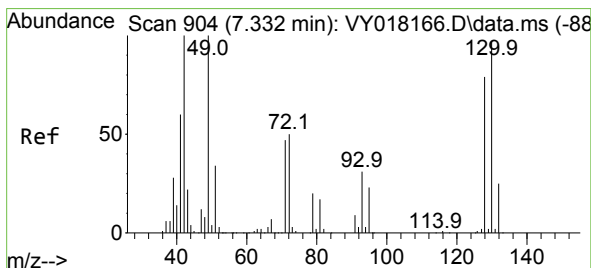
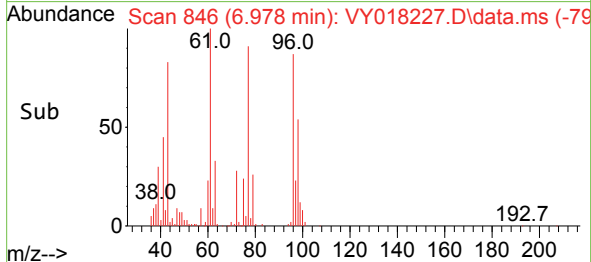
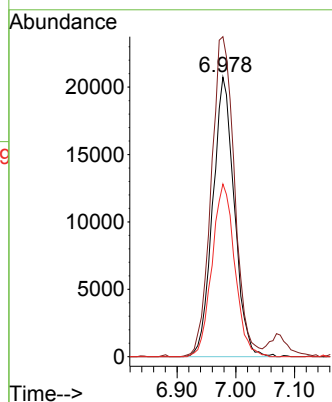
#27
 cis-1,2-Dichloroethene
 Concen: 21.852 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY018227.D
 Acq: 10 May 2024 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 52949

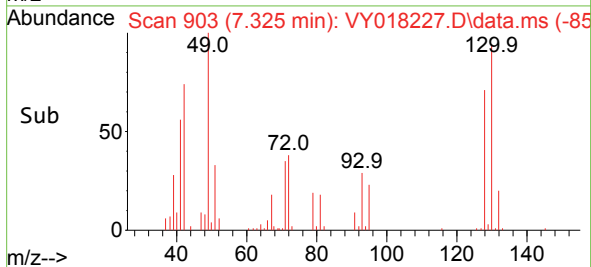
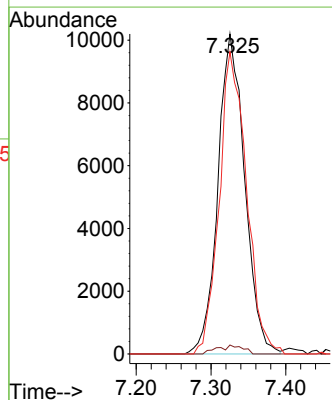
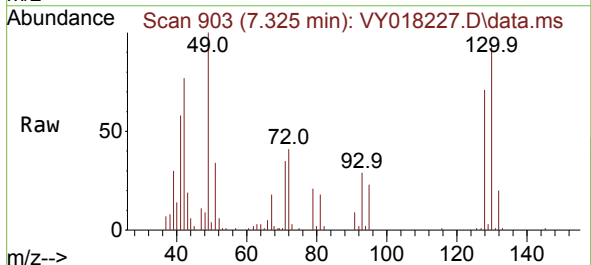
Ion	Ratio	Lower	Upper
96	100		
61	123.9	0.0	256.2
98	65.1	0.0	130.0

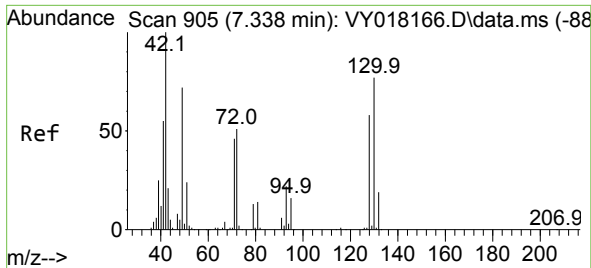


#28
 Bromochloromethane
 Concen: 19.787 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018227.D
 Acq: 10 May 2024 12:33

Tgt Ion: 49 Resp: 25427

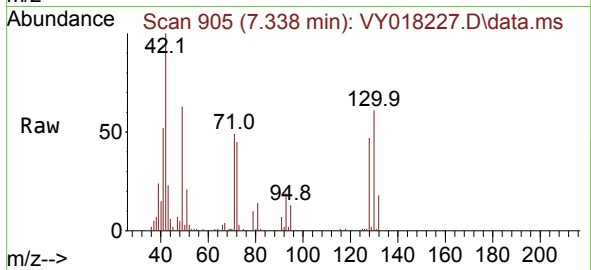
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	95.8	72.7	109.1



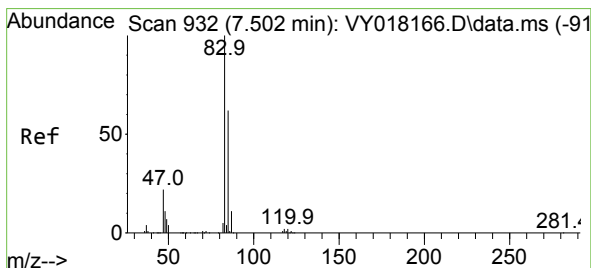
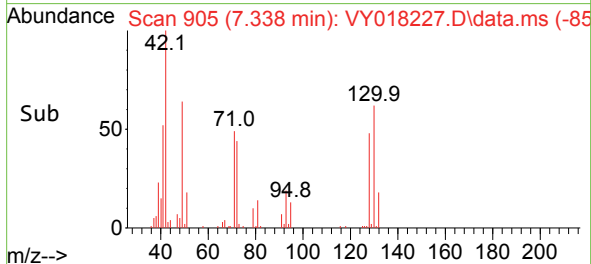
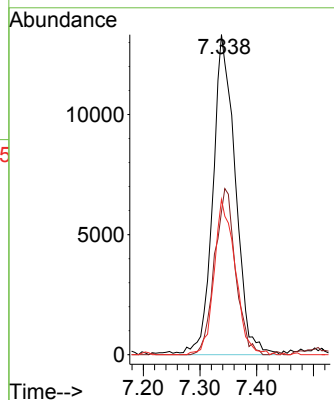


#29
Tetrahydrofuran
Concen: 117.732 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

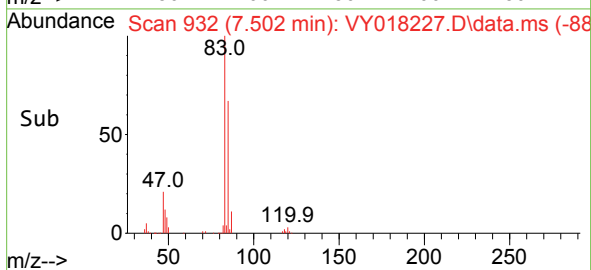
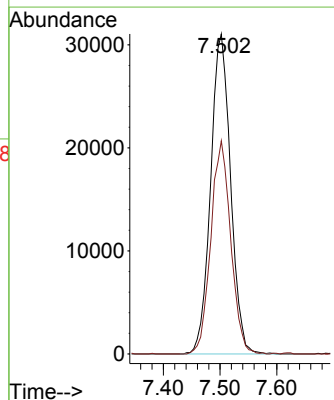
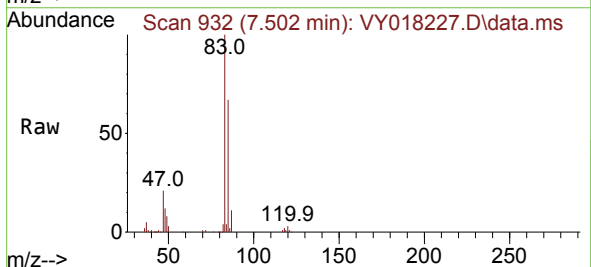


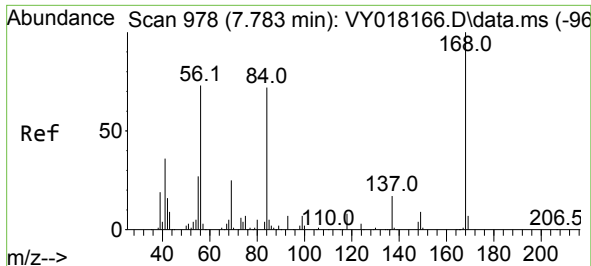
Tgt Ion: 42 Resp: 36477
Ion Ratio Lower Upper
42 100
72 48.7 43.0 64.4
71 45.9 40.8 61.2



#30
Chloroform
Concen: 22.591 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

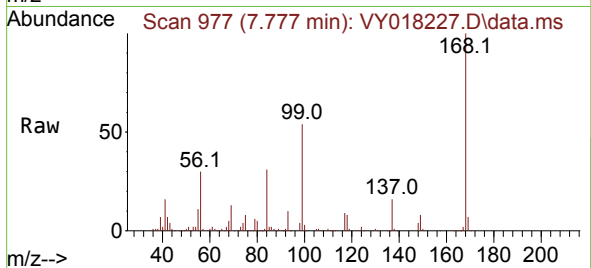
Tgt Ion: 83 Resp: 75826
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.4



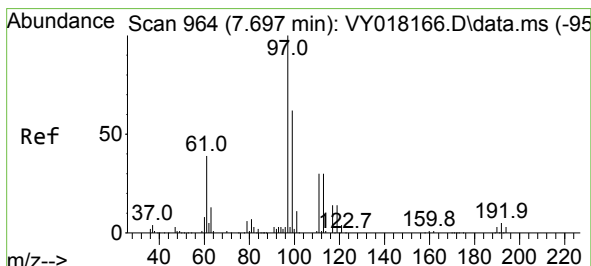
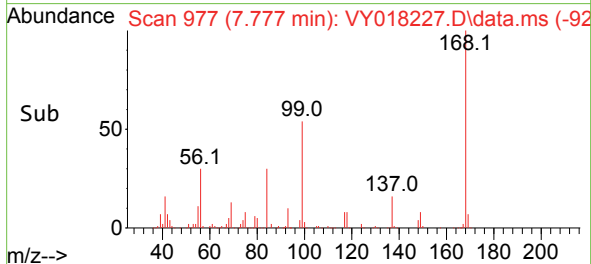
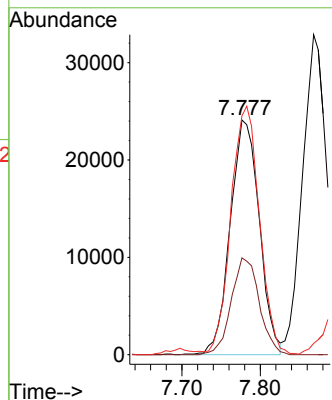


#31
Cyclohexane
Concen: 20.452 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

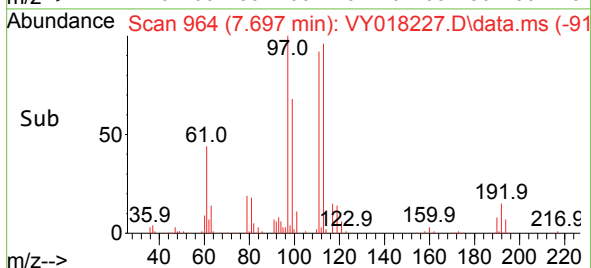
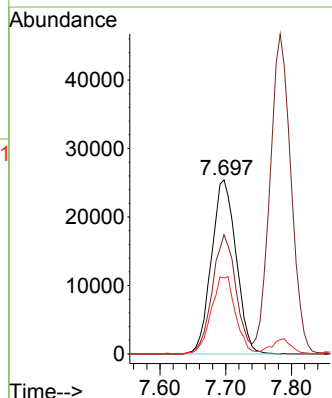
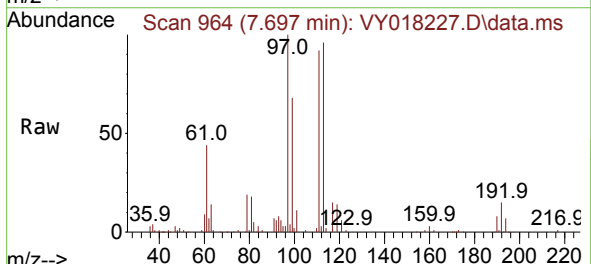


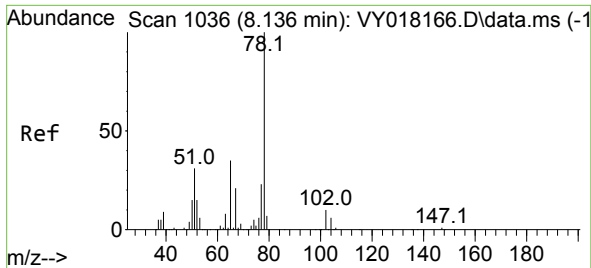
Tgt Ion: 56 Resp: 62191
Ion Ratio Lower Upper
56 100
69 41.2 28.7 43.1
84 99.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.108 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 97 Resp: 66509
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 44.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.355 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

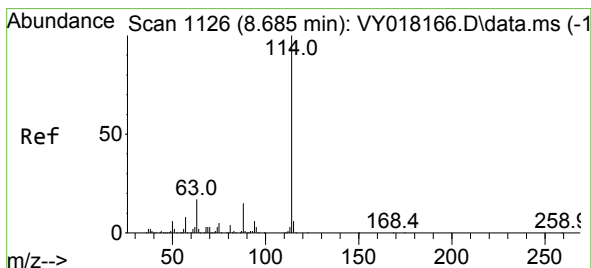
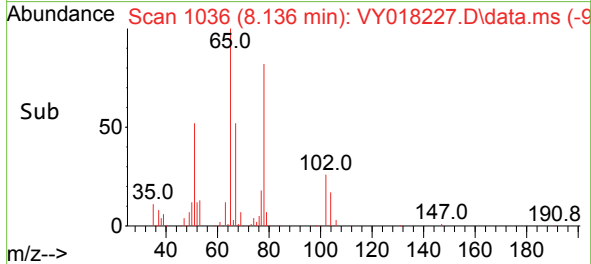
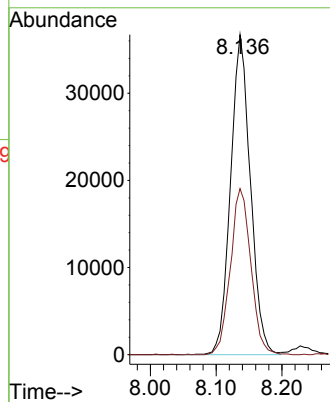
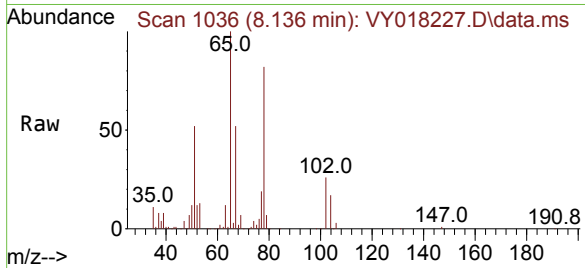
ClientSampleId :

Tgt Ion: 65 Resp: 77036

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

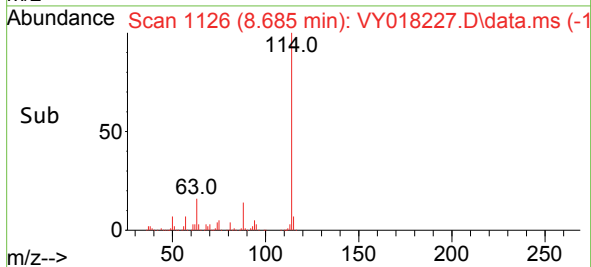
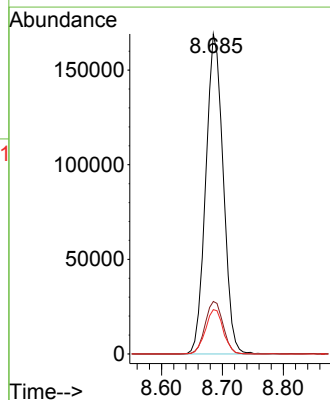
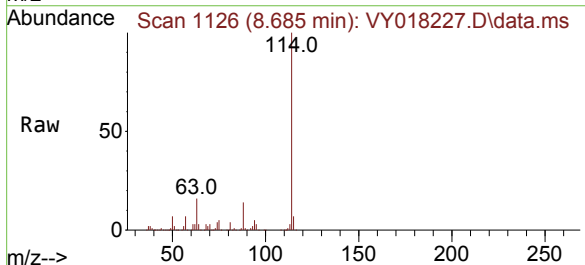
Tgt Ion: 114 Resp: 336273

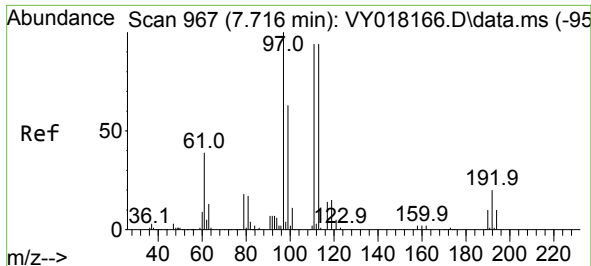
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.9 0.0 27.2

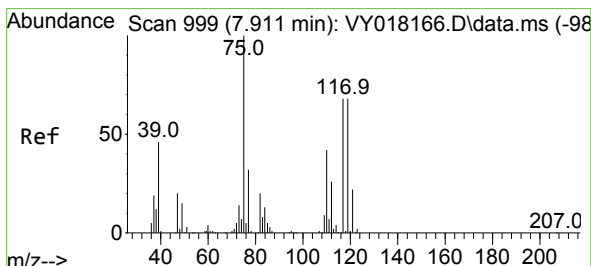
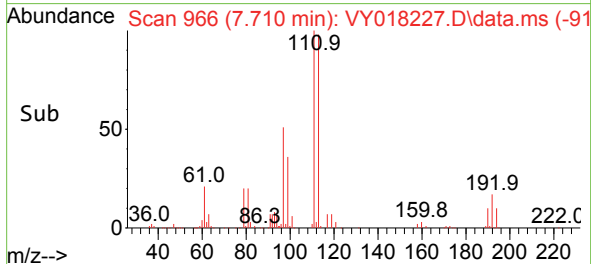
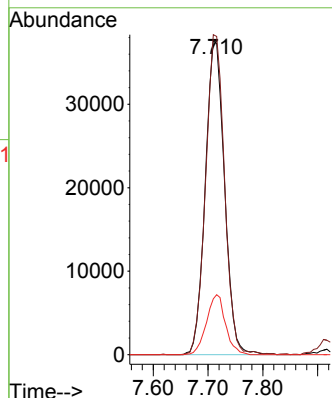
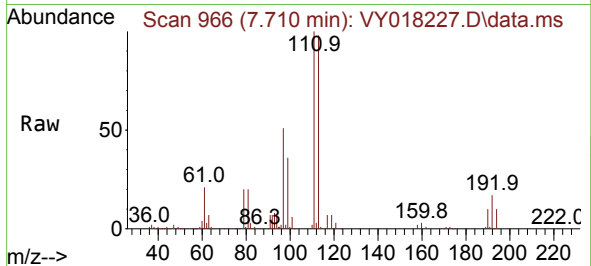




#35
 Dibromofluoromethane
 Concen: 51.610 ug/l
 RT: 7.710 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY018227.D
 Acq: 10 May 2024 12:33

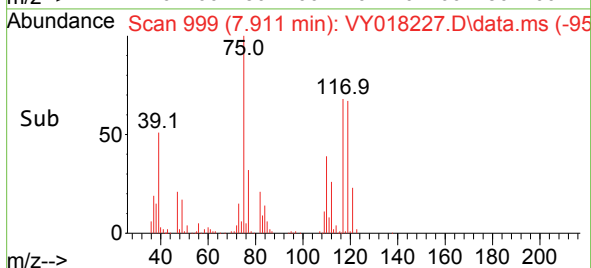
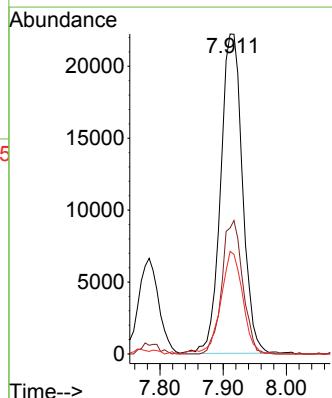
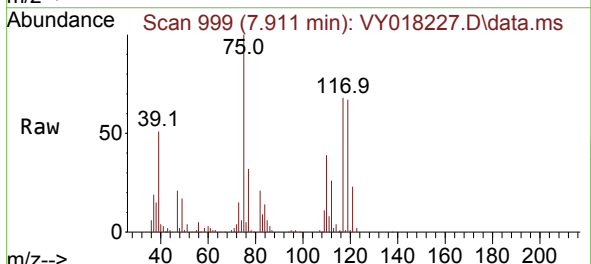
Instrument :
 MSVOA_Y
 ClientSampleId :

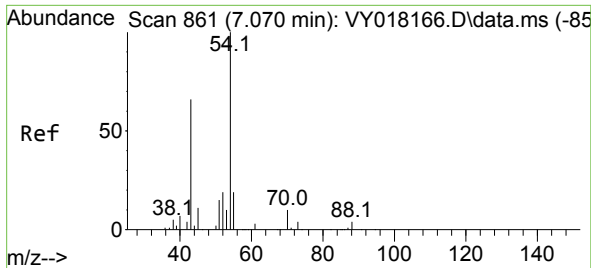
Tgt Ion:113 Resp: 91209
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.4
 192 18.9 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 20.971 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY018227.D
 Acq: 10 May 2024 12:33

Tgt Ion: 75 Resp: 53131
 Ion Ratio Lower Upper
 75 100
 110 40.0 19.0 57.0
 77 32.3 25.3 37.9

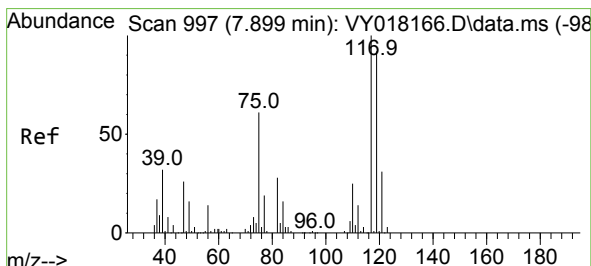
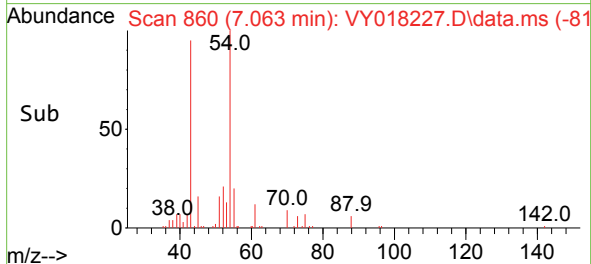
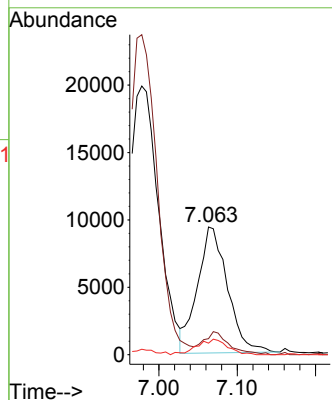
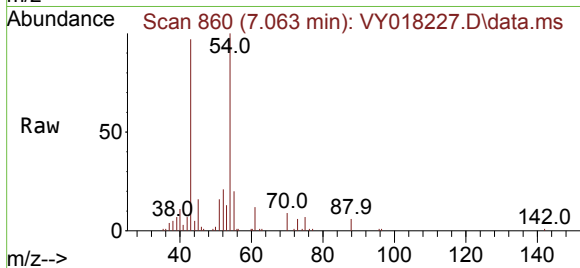




#37
Ethyl Acetate
Concen: 23.375 ug/l
RT: 7.063 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

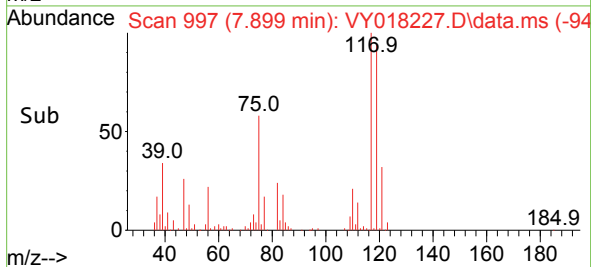
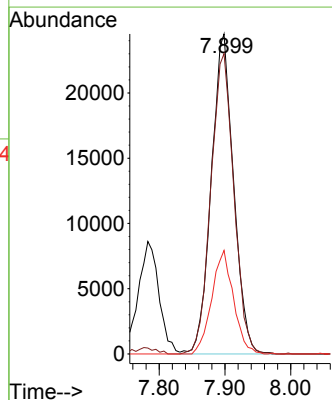
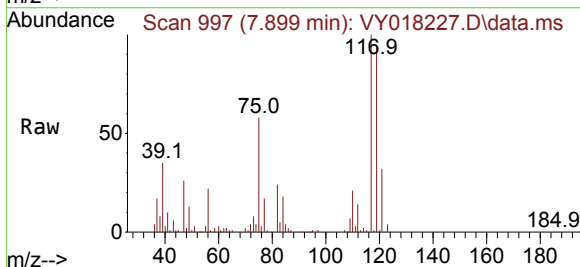
Instrument :
MSVOA_Y
ClientSampleId :

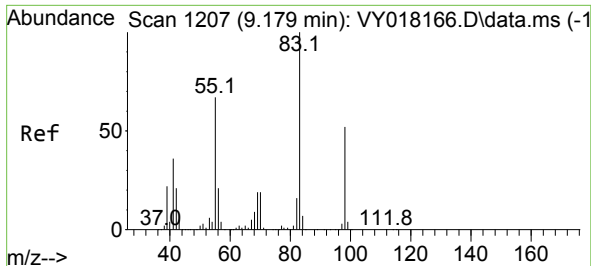
Tgt Ion: 43 Resp: 24925
Ion Ratio Lower Upper
43 100
61 15.4 12.6 19.0
70 12.4 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 20.893 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 117 Resp: 57838
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 32.3 24.0 36.0





#39

Methylcyclohexane

Concen: 19.651 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

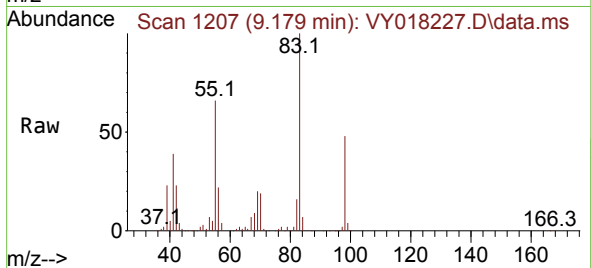
Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :



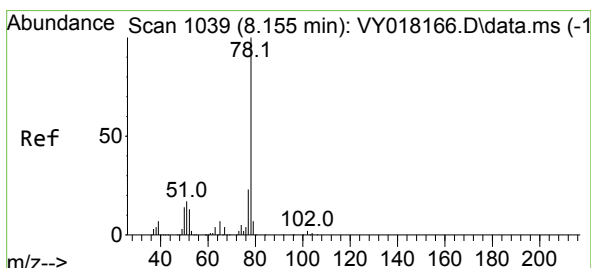
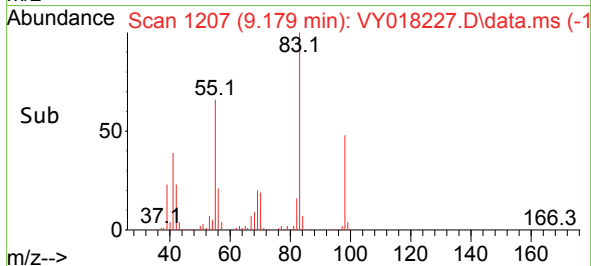
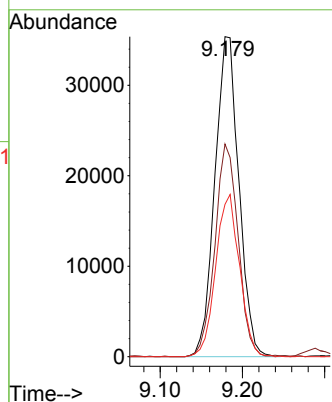
Tgt Ion: 83 Resp: 71824

Ion Ratio Lower Upper

83 100

55 66.5 51.5 77.3

98 47.6 40.5 60.7



#40

Benzene

Concen: 21.329 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY018227.D

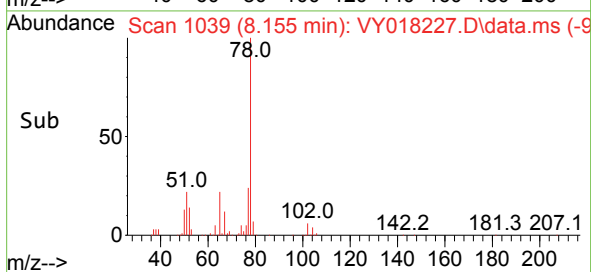
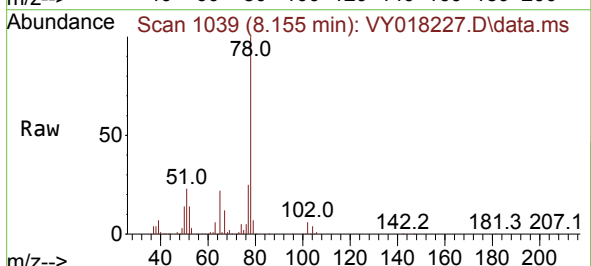
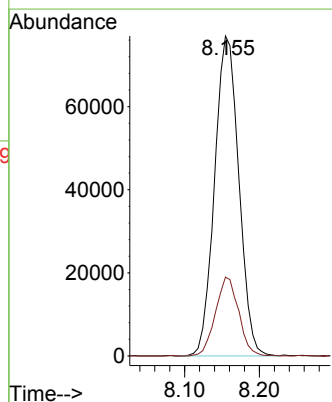
Acq: 10 May 2024 12:33

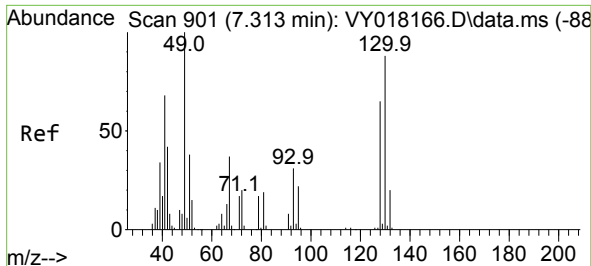
Tgt Ion: 78 Resp: 173813

Ion Ratio Lower Upper

78 100

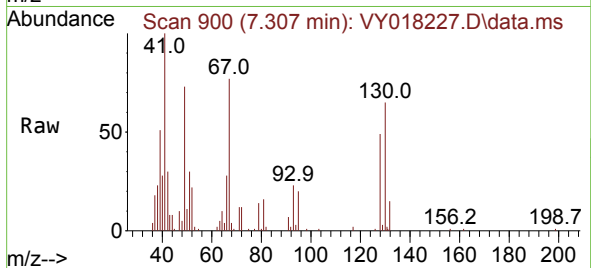
77 24.6 19.5 29.3





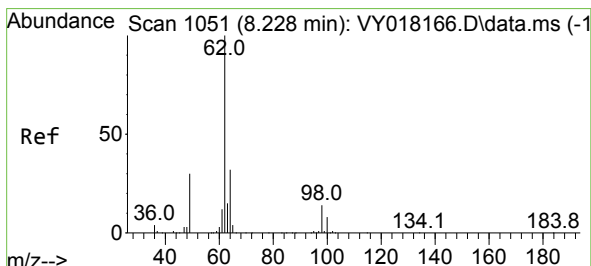
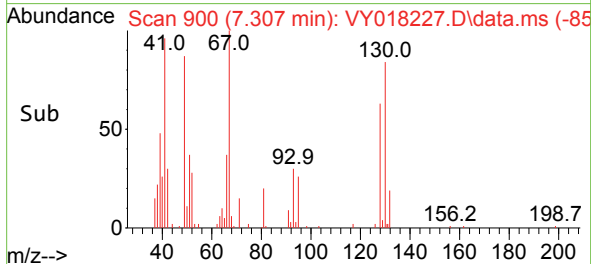
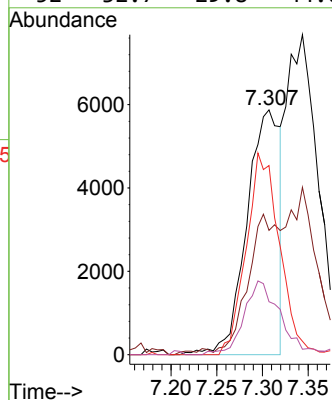
#41
Methacrylonitrile
Concen: 24.115 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 14849

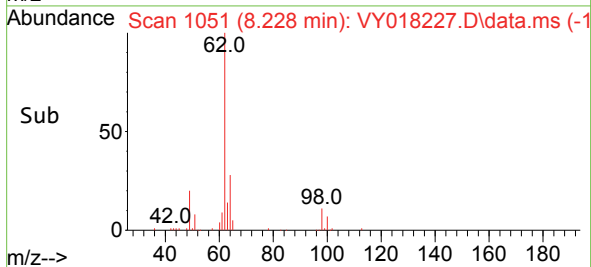
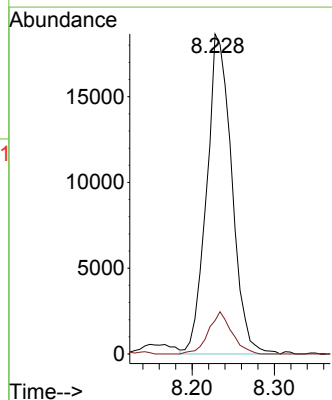
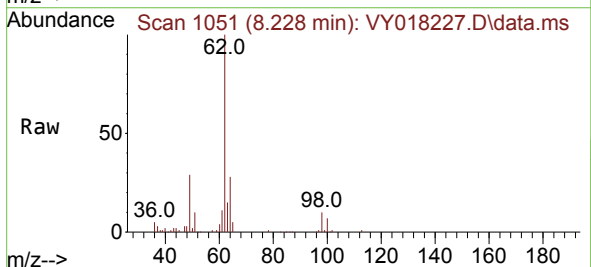
Ion	Ratio	Lower	Upper
41	100		
39	52.2	48.0	72.0
67	82.9	75.1	112.7
52	32.7	29.8	44.6

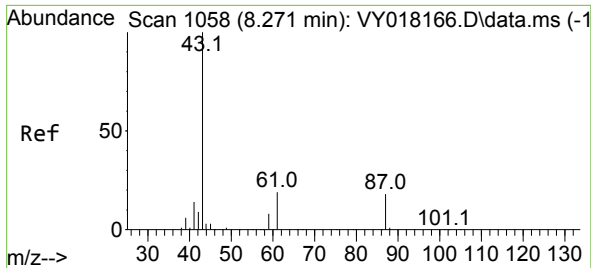


#42
1,2-Dichloroethane
Concen: 22.323 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 62 Resp: 39582

Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	22.0

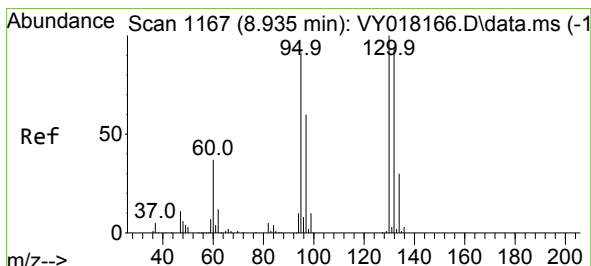
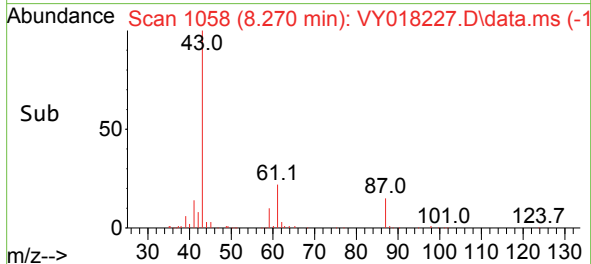
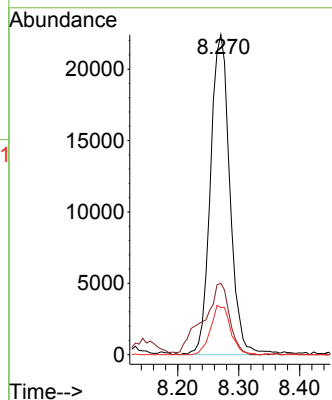
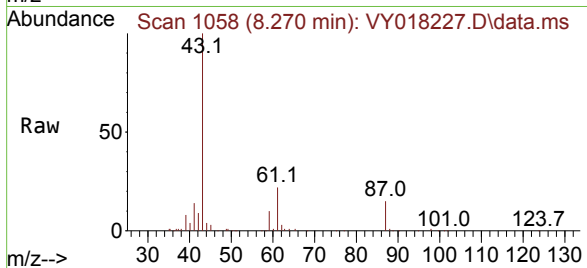




#43
Isopropyl Acetate
Concen: 22.745 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

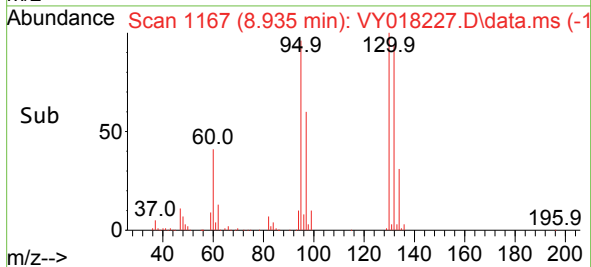
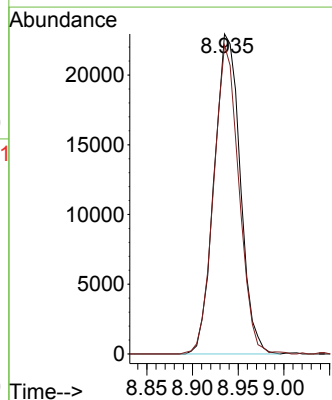
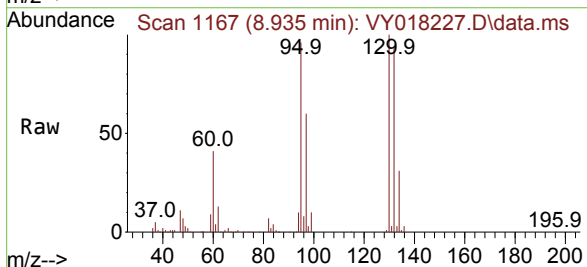
Instrument :
MSVOA_Y
ClientSampleId :

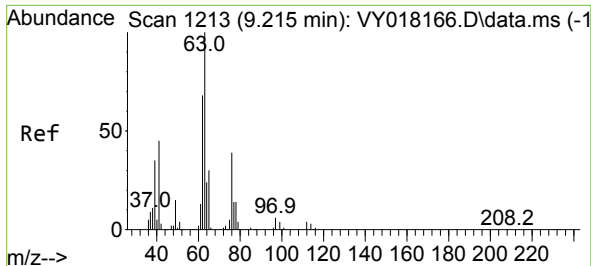
Tgt Ion: 43 Resp: 49714
Ion Ratio Lower Upper
43 100
61 30.1 27.9 41.9
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 20.471 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion:130 Resp: 45413
Ion Ratio Lower Upper
130 100
95 96.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.494 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

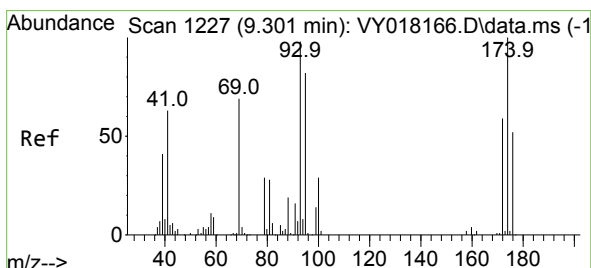
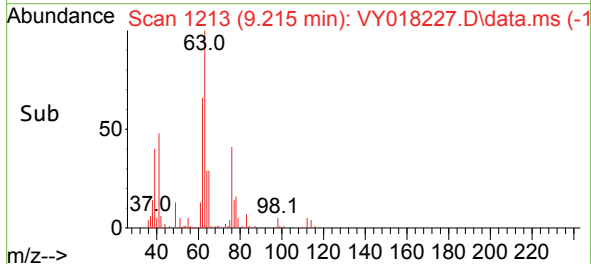
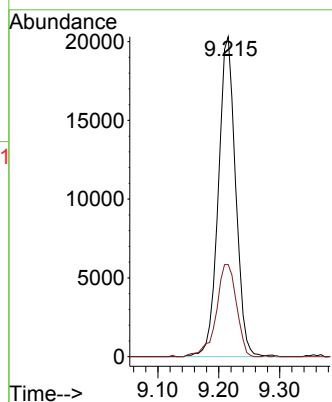
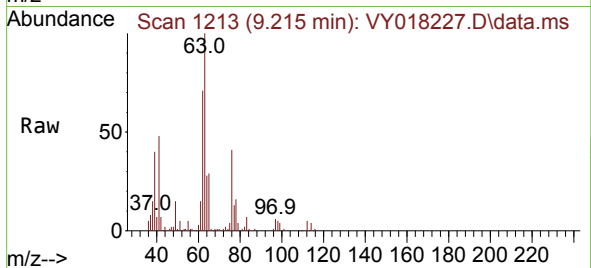
ClientSampleId :

Tgt Ion: 63 Resp: 40076

Ion Ratio Lower Upper

63 100

65 28.8 25.4 38.2



#46

Dibromomethane

Concen: 22.035 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

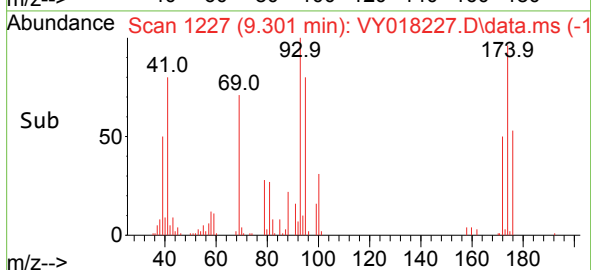
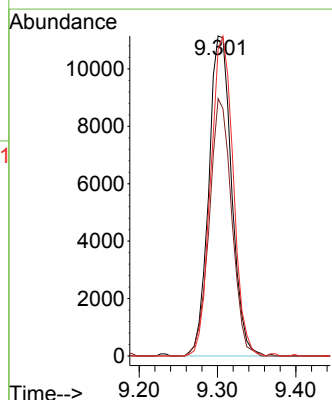
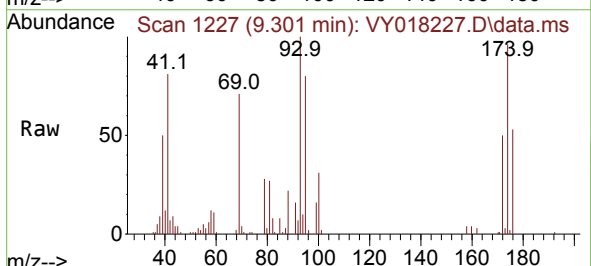
Tgt Ion: 93 Resp: 22569

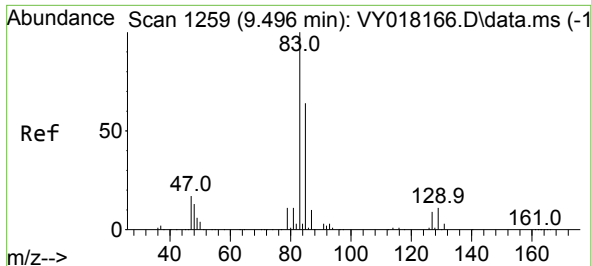
Ion Ratio Lower Upper

93 100

95 78.8 66.2 99.4

174 98.8 80.9 121.3

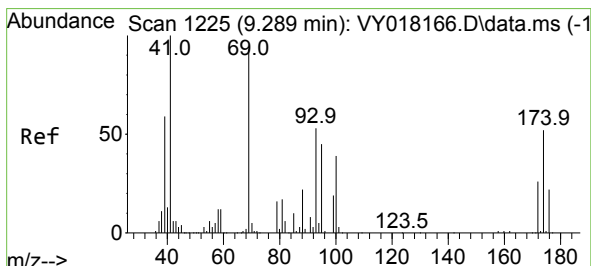
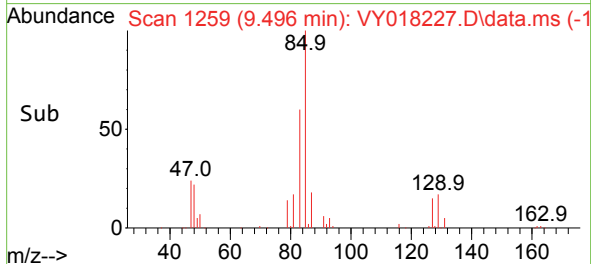
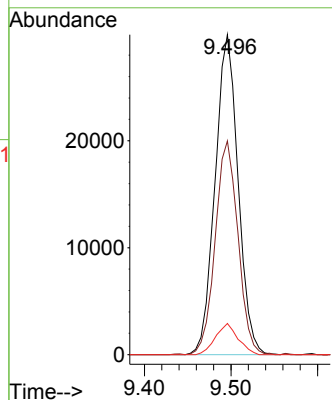
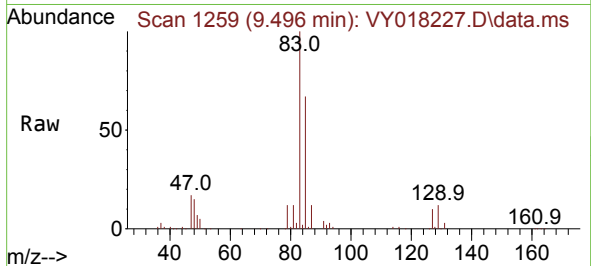




#47
Bromodichloromethane
Concen: 21.799 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

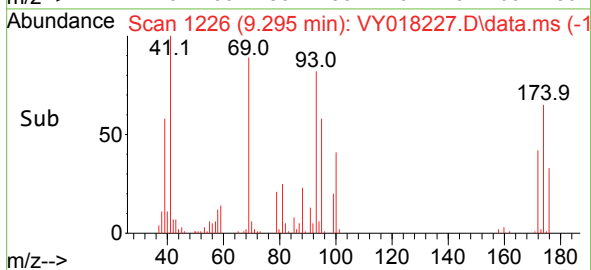
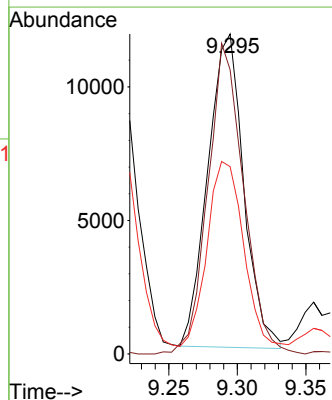
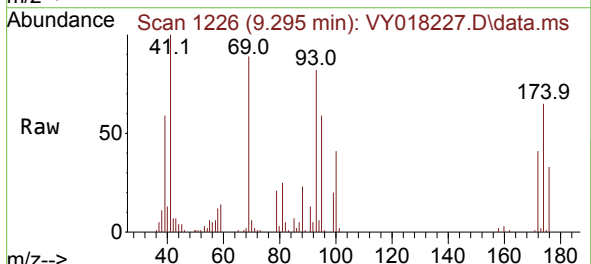
Instrument :
MSVOA_Y
ClientSampleId :

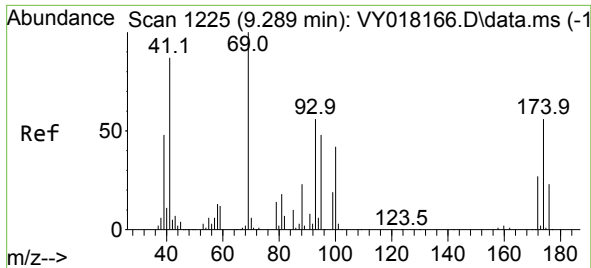
Tgt Ion: 83 Resp: 55198
Ion Ratio Lower Upper
83 100
85 66.8 50.1 75.1
127 9.8 7.4 11.0



#48
Methyl methacrylate
Concen: 21.334 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 41 Resp: 21371
Ion Ratio Lower Upper
41 100
69 98.4 84.1 126.1
39 64.4 43.6 65.4

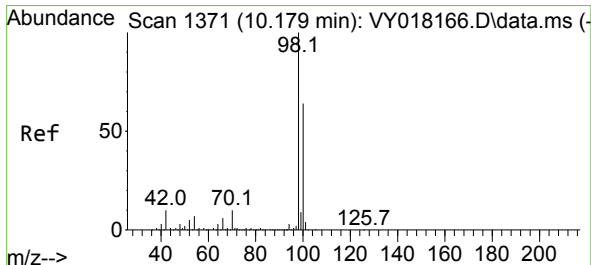
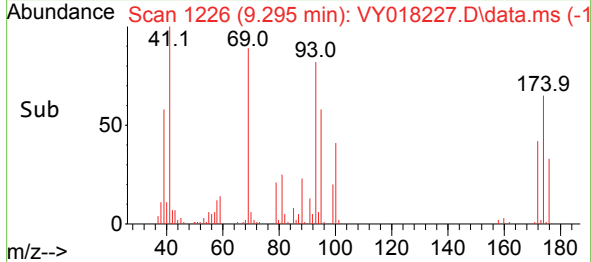
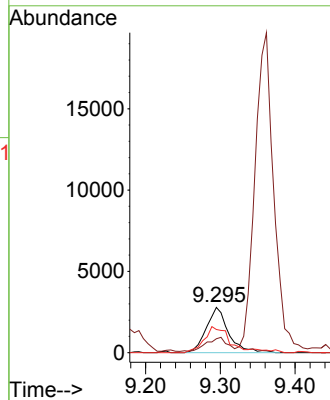
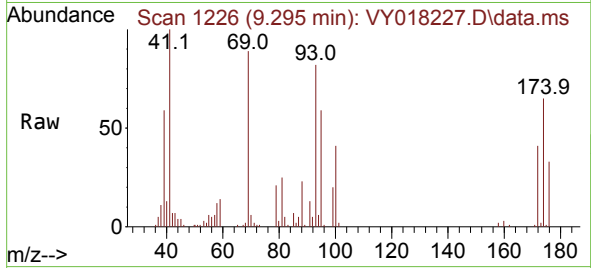




#49
1,4-Dioxane
Concen: 424.848 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

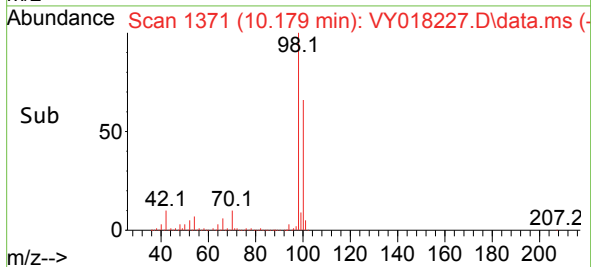
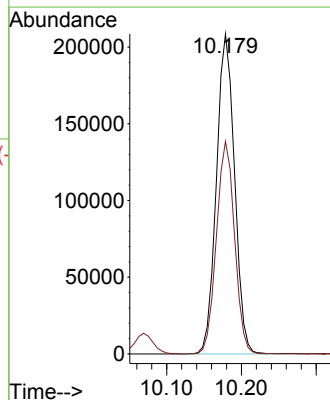
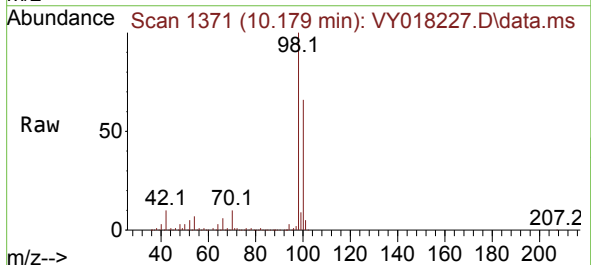
Instrument :
MSVOA_Y
ClientSampleId :

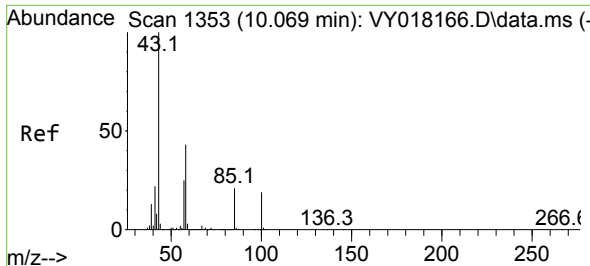
Tgt Ion: 88 Resp: 5776
Ion Ratio Lower Upper
88 100
43 28.2 0.0 0.0#
58 62.6 49.3 73.9



#50
Toluene-d8
Concen: 50.464 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 98 Resp: 351438
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

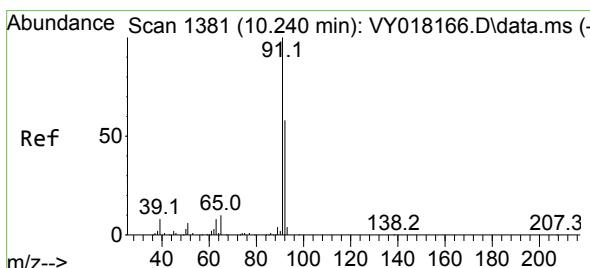
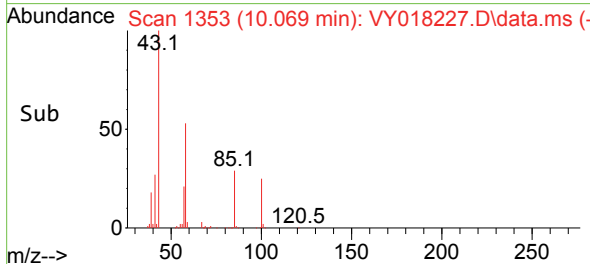
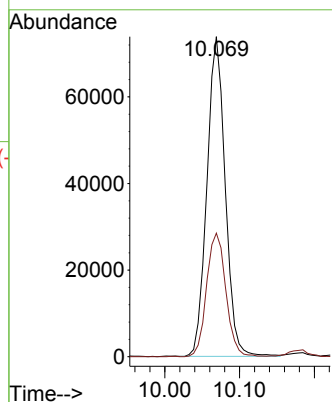
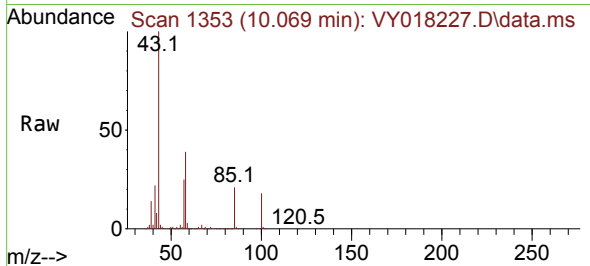




#51
4-Methyl-2-Pentanone
Concen: 114.438 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

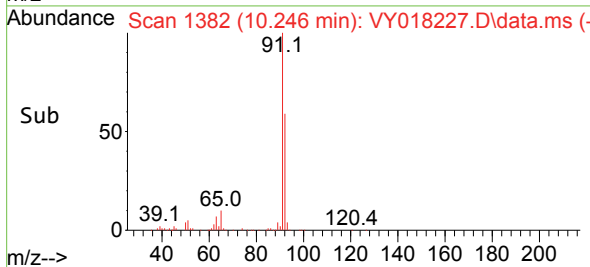
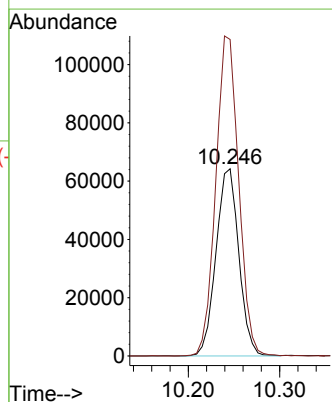
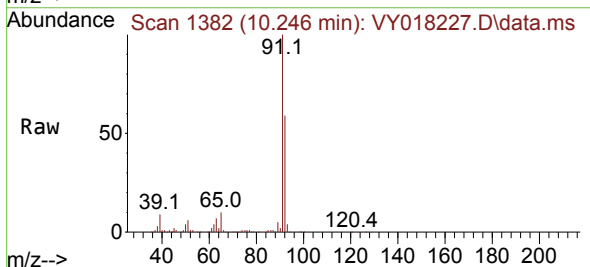
Instrument :
MSVOA_Y
ClientSampleId :

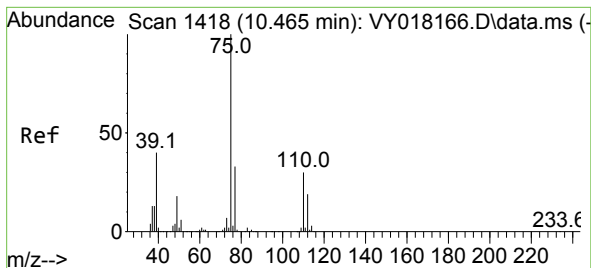
Tgt Ion: 43 Resp: 125715
Ion Ratio Lower Upper
43 100
58 40.7 35.7 53.5



#52
Toluene
Concen: 21.248 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 92 Resp: 111476
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.6

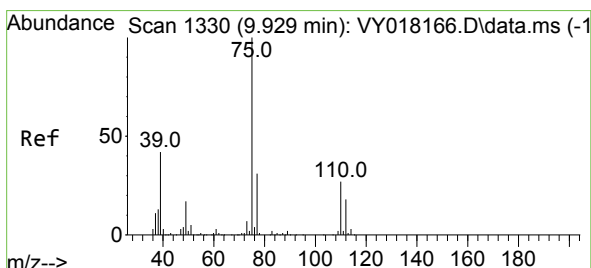
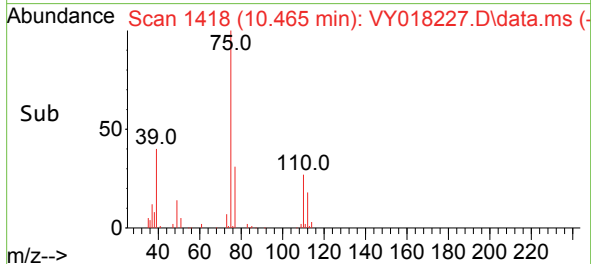
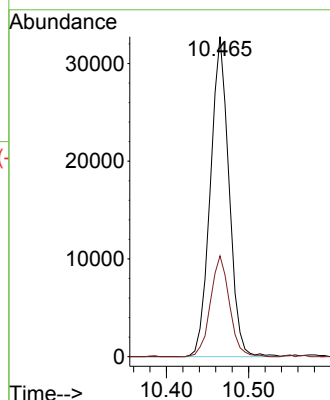
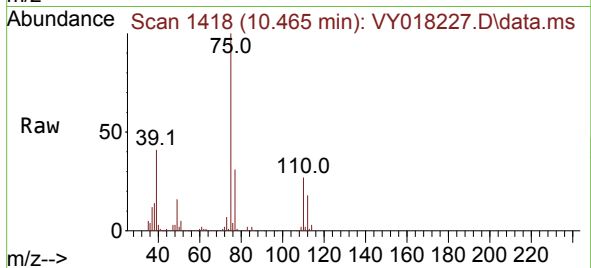




#53
t-1,3-Dichloropropene
Concen: 21.768 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

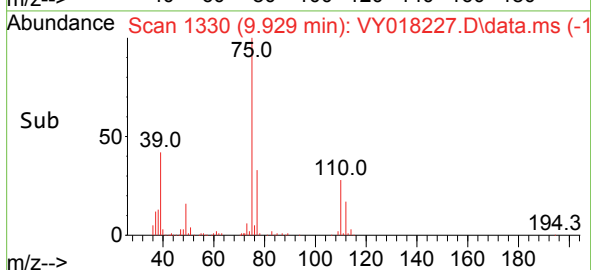
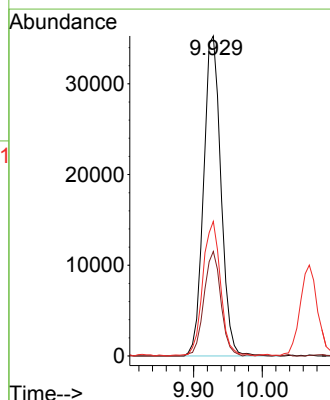
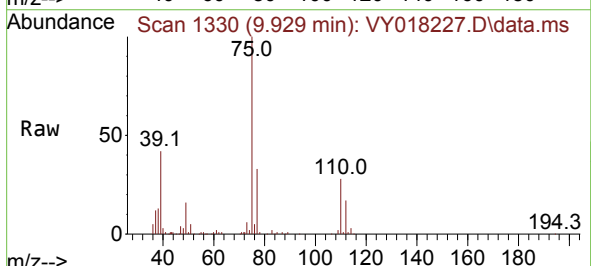
Instrument :
MSVOA_Y
ClientSampleId :

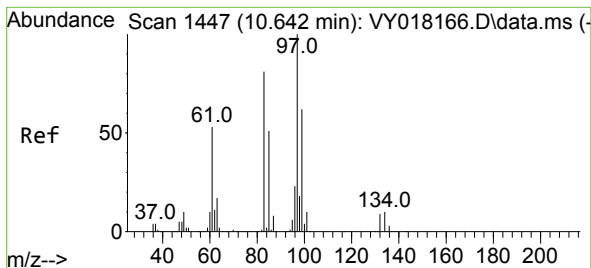
Tgt Ion: 75 Resp: 51483
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.529 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 75 Resp: 62241
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
39 41.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 22.030 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 30996

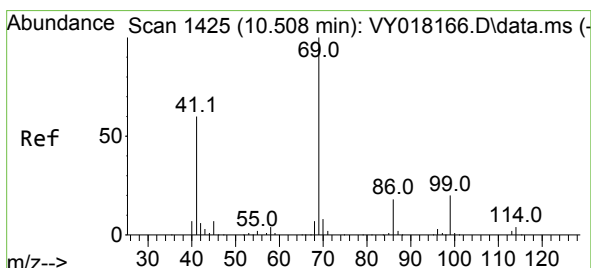
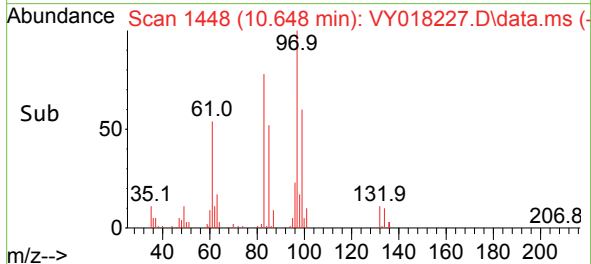
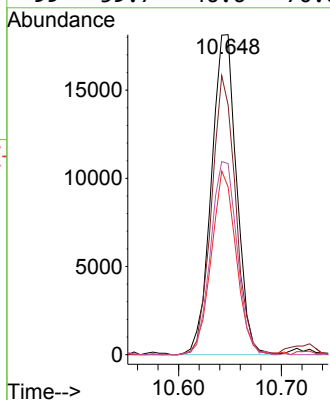
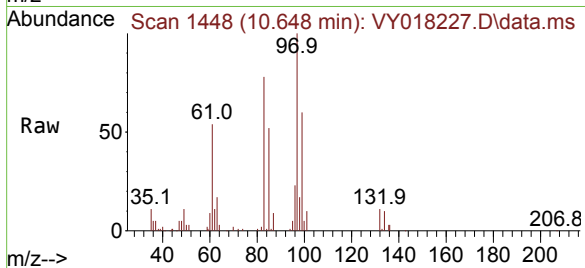
Ion Ratio Lower Upper

97 100

83 78.0 67.5 101.3

85 52.4 42.9 64.3

99 59.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.691 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

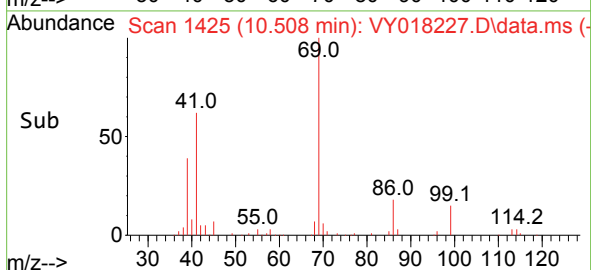
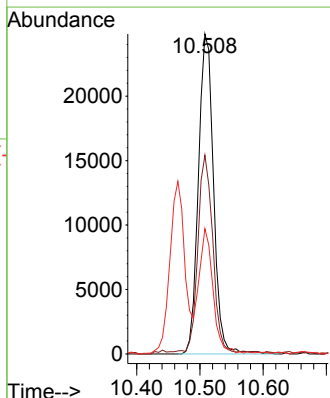
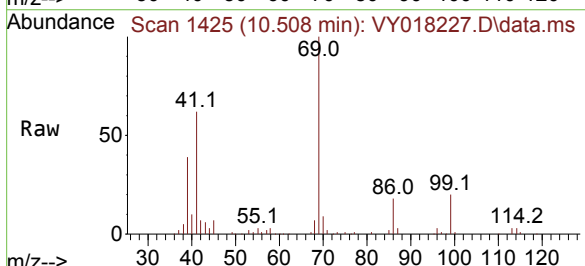
Tgt Ion: 69 Resp: 41449

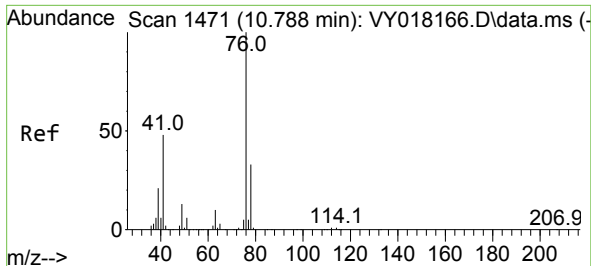
Ion Ratio Lower Upper

69 100

41 59.3 42.3 63.5

39 35.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.715 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

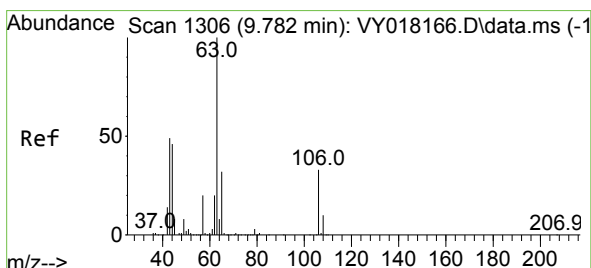
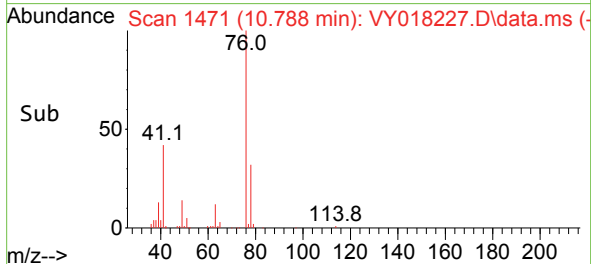
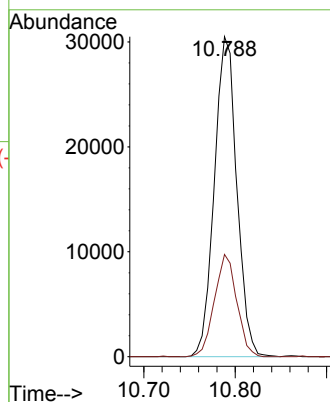
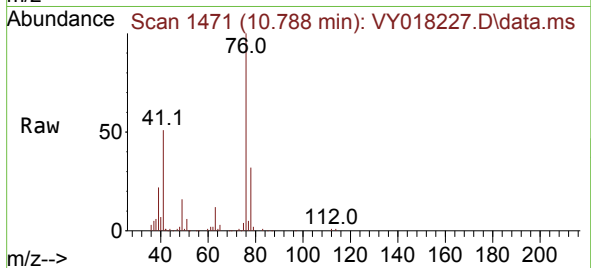
ClientSampleId :

Tgt Ion: 76 Resp: 52017

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.415 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY018227.D

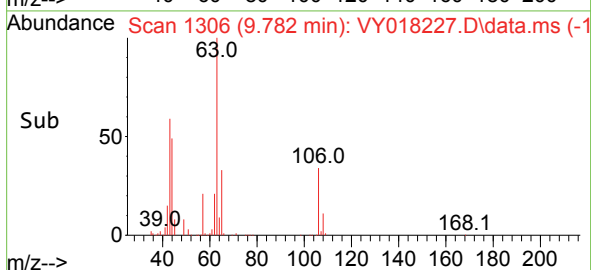
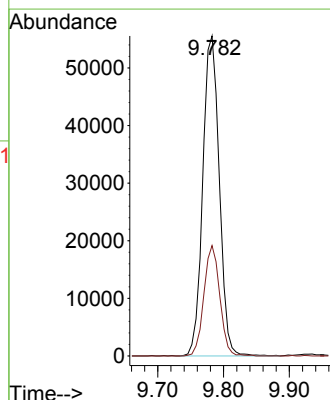
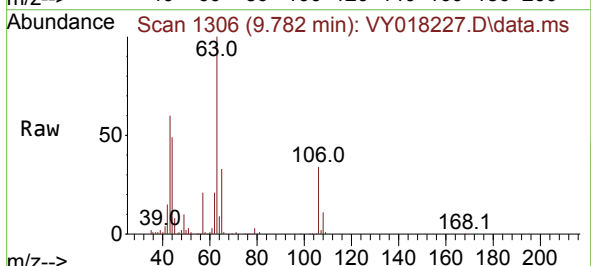
Acq: 10 May 2024 12:33

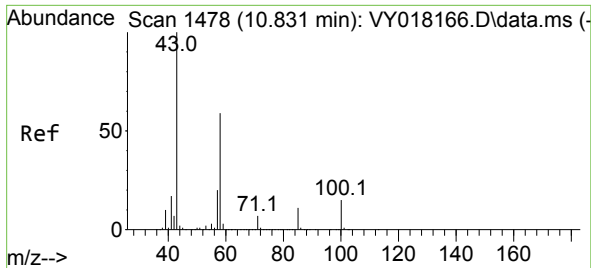
Tgt Ion: 63 Resp: 97101

Ion Ratio Lower Upper

63 100

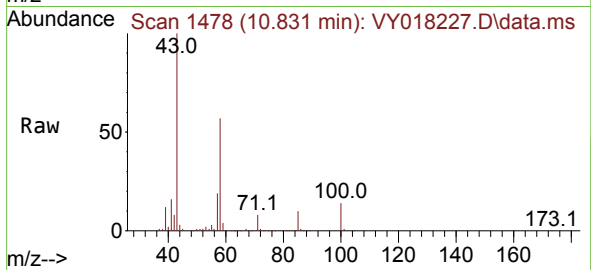
106 33.2 23.7 35.5



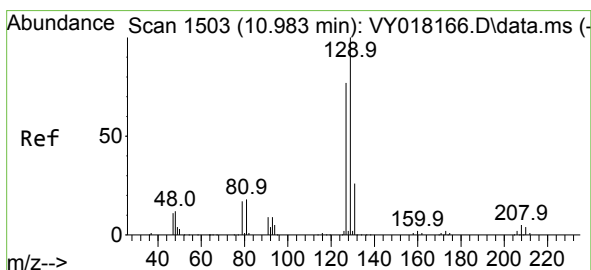
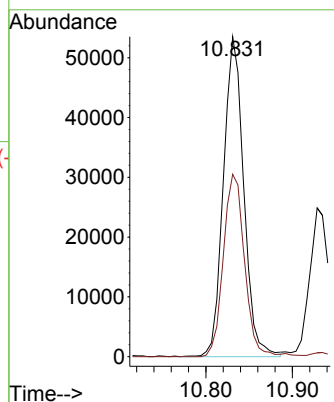
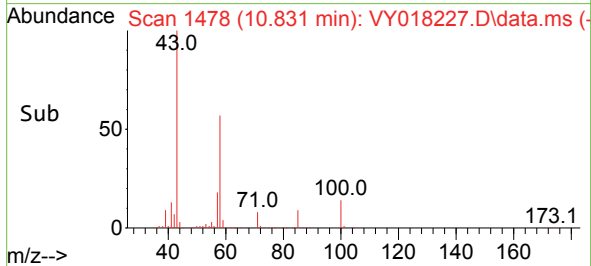


#59
2-Hexanone
Concen: 113.684 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

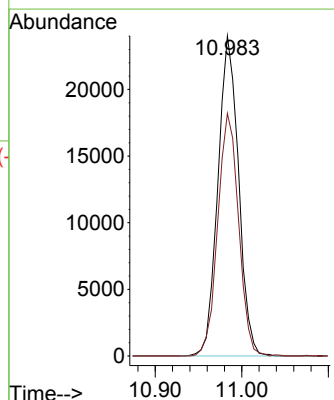
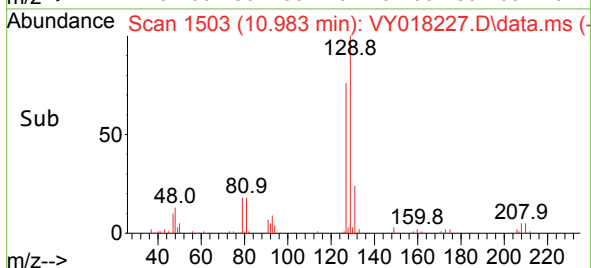
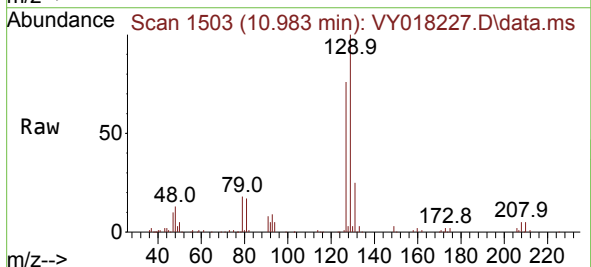


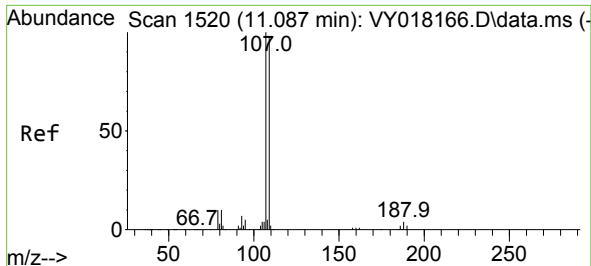
Tgt Ion: 43 Resp: 87322
Ion Ratio Lower Upper
43 100
58 59.6 31.4 94.0



#60
Dibromochloromethane
Concen: 21.755 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion:129 Resp: 39713
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

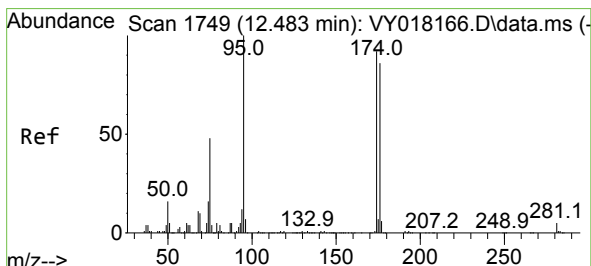
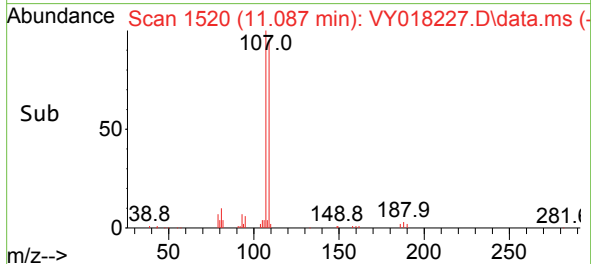
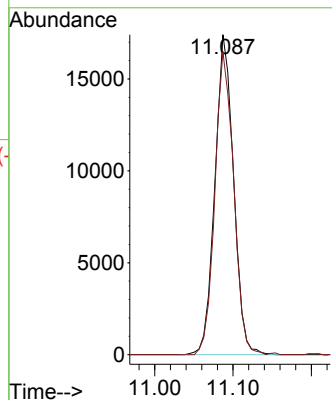
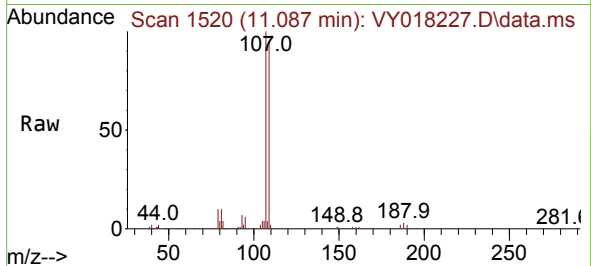




#61
1,2-Dibromoethane
Concen: 21.756 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

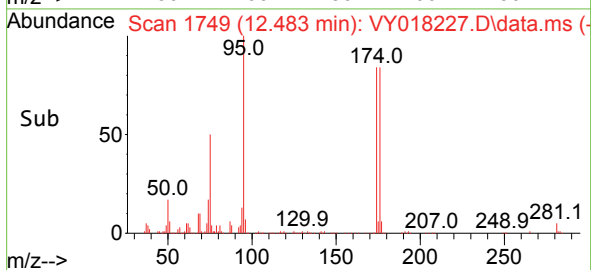
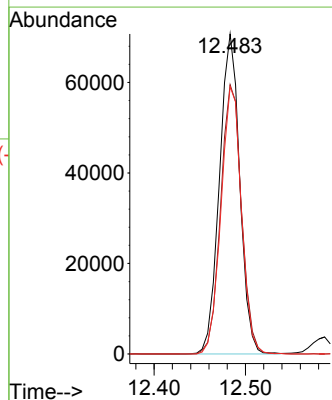
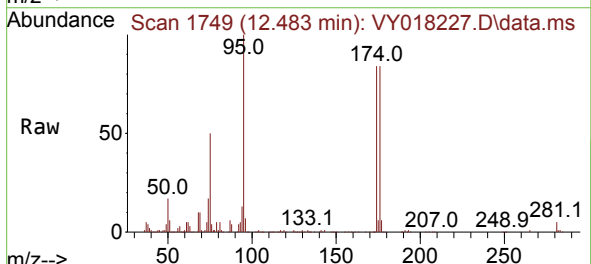
Instrument :
MSVOA_Y
ClientSampleId :

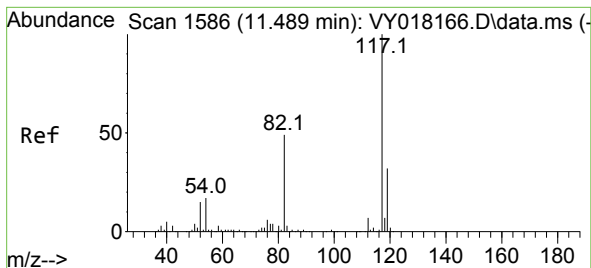
Tgt Ion:107 Resp: 28833
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.431 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 95 Resp: 108922
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.6
176 84.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

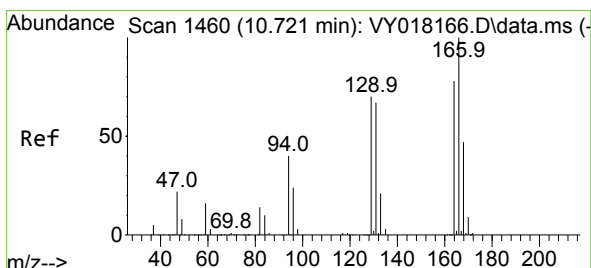
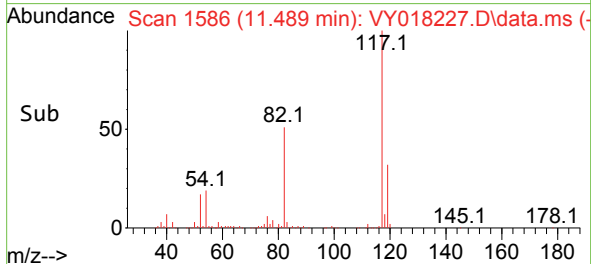
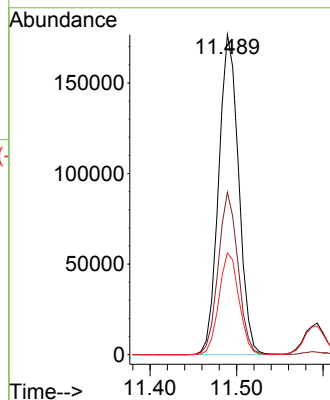
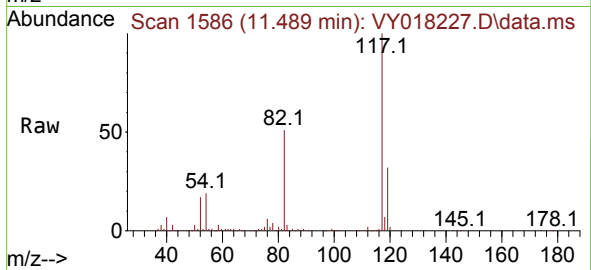
Tgt Ion:117 Resp: 283154

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 20.480 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Tgt Ion:164 Resp: 38610

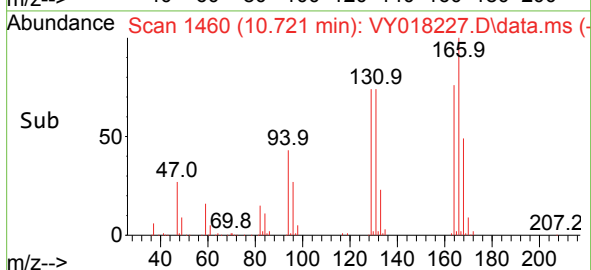
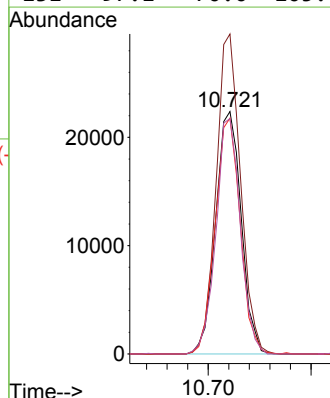
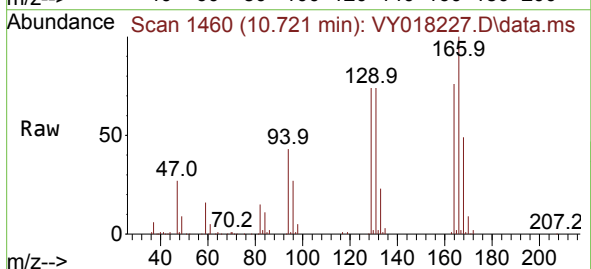
Ion Ratio Lower Upper

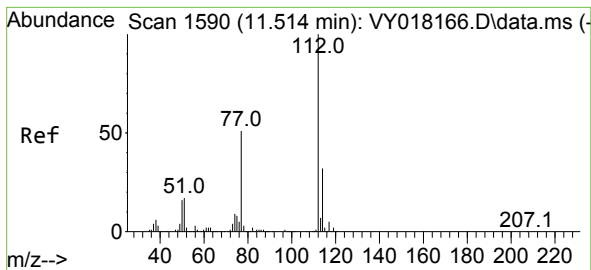
164 100

166 132.0 102.6 154.0

129 97.3 72.0 108.0

131 97.1 70.0 105.0





#65

Chlorobenzene

Concen: 21.577 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

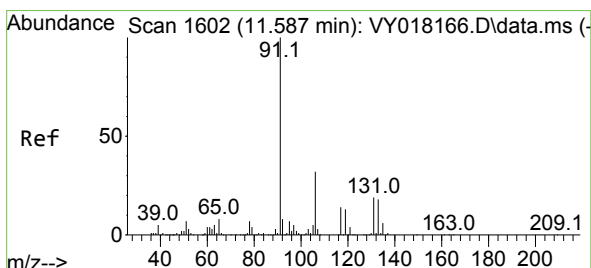
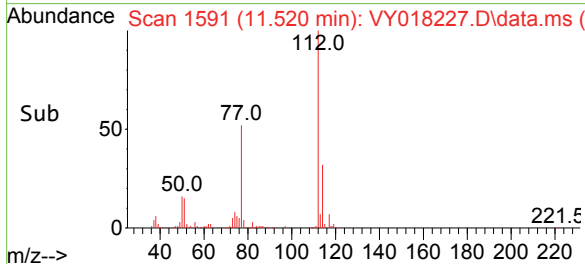
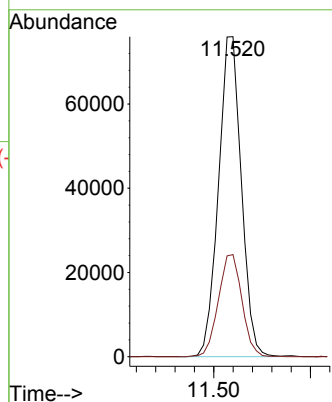
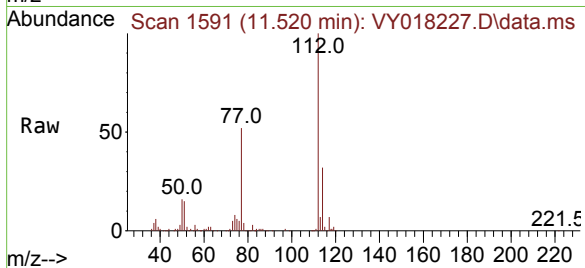
ClientSampleId :

Tgt Ion:112 Resp: 124436

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.507 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

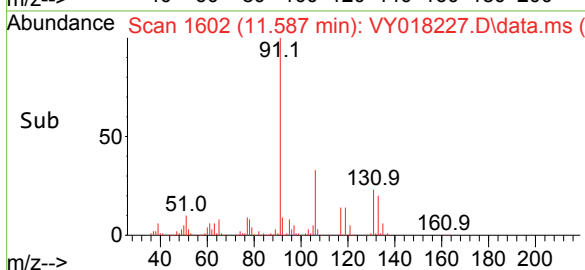
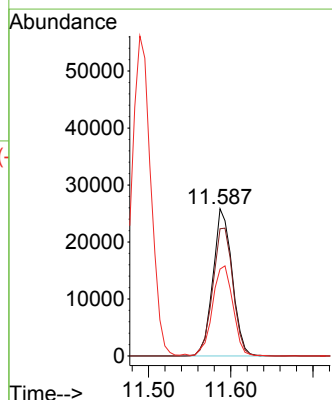
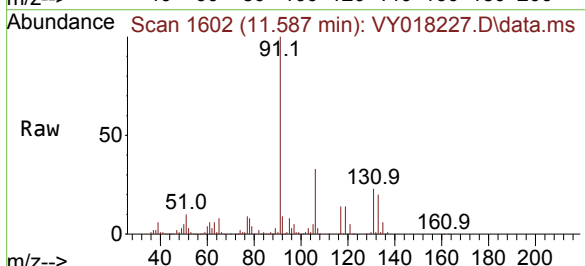
Tgt Ion:131 Resp: 41984

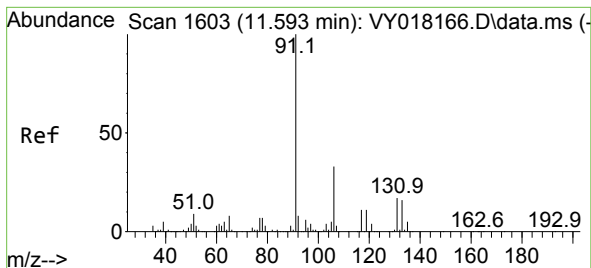
Ion Ratio Lower Upper

131 100

133 91.3 47.8 143.3

119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 21.806 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

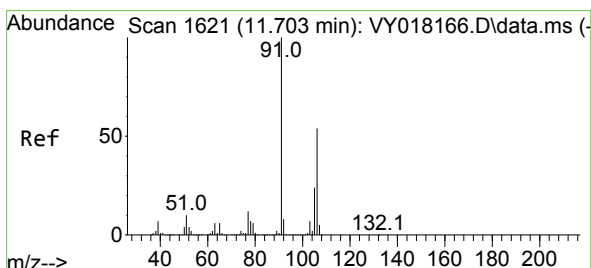
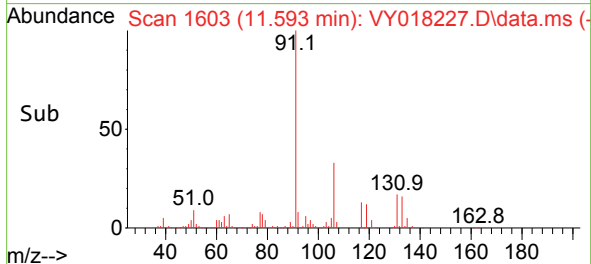
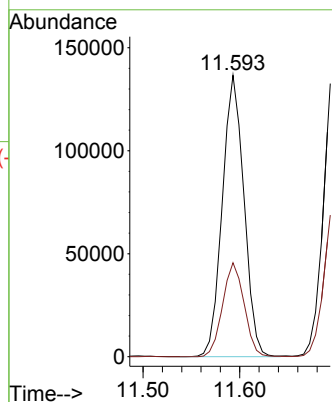
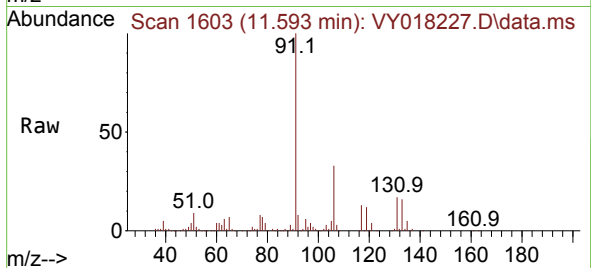
ClientSampleId :

Tgt Ion: 91 Resp: 212326

Ion Ratio Lower Upper

91 100

106 33.4 24.5 36.7



#68

m/p-Xylenes

Concen: 43.388 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018227.D

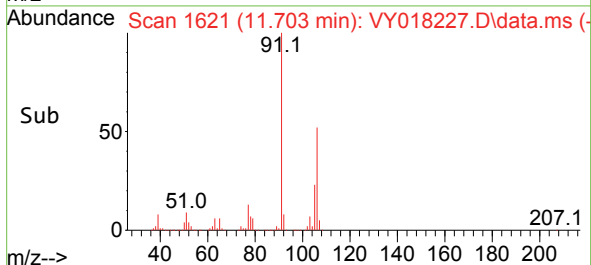
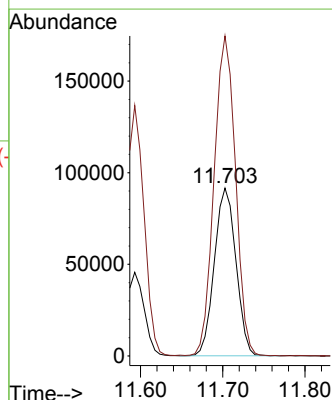
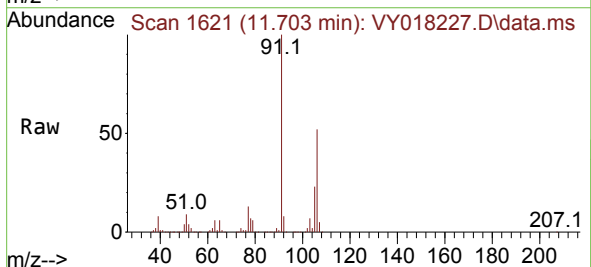
Acq: 10 May 2024 12:33

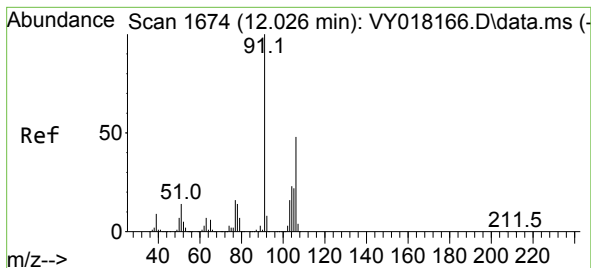
Tgt Ion:106 Resp: 167067

Ion Ratio Lower Upper

106 100

91 189.5 156.0 234.0





#69

o-Xylene

Concen: 21.853 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

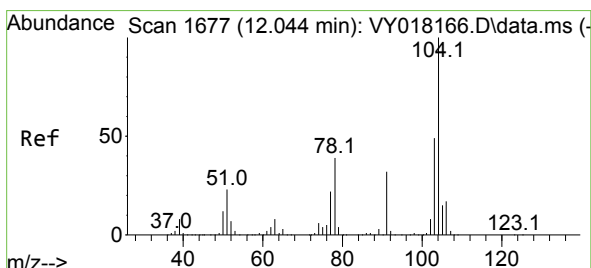
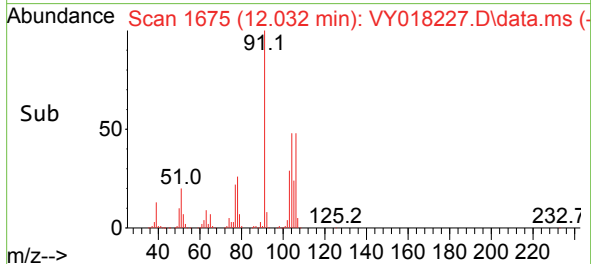
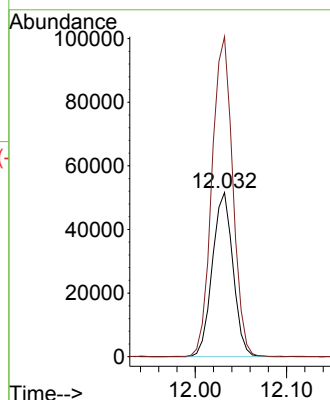
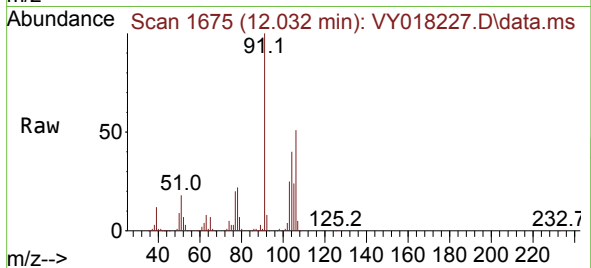
ClientSampleId :

Tgt Ion:106 Resp: 80754

Ion Ratio Lower Upper

106 100

91 197.1 103.6 310.8



#70

Styrene

Concen: 22.219 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

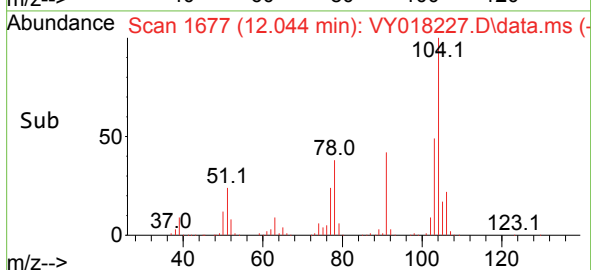
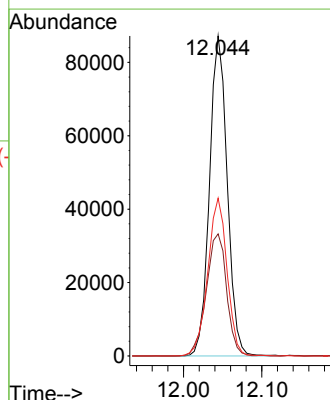
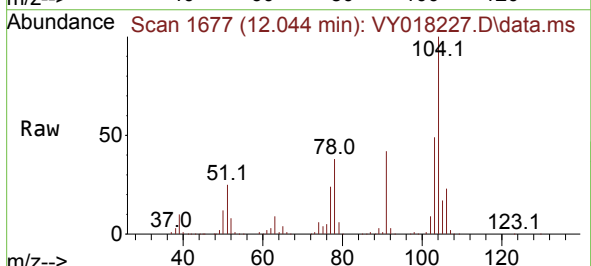
Tgt Ion:104 Resp: 137113

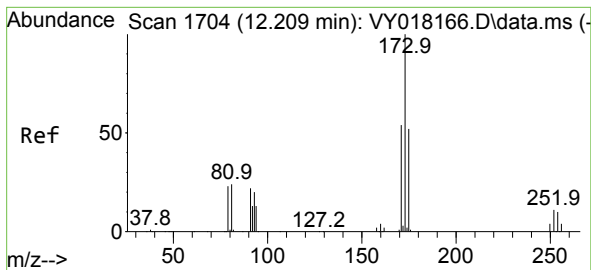
Ion Ratio Lower Upper

104 100

78 43.7 37.0 55.4

103 53.6 44.2 66.2





#71

Bromoform

Concen: 21.182 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

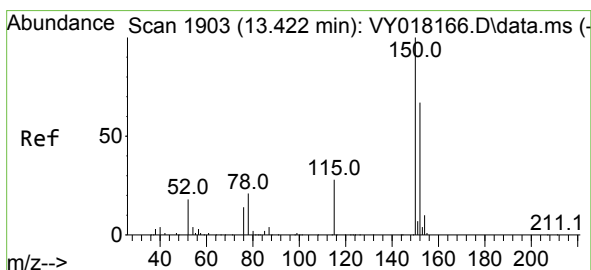
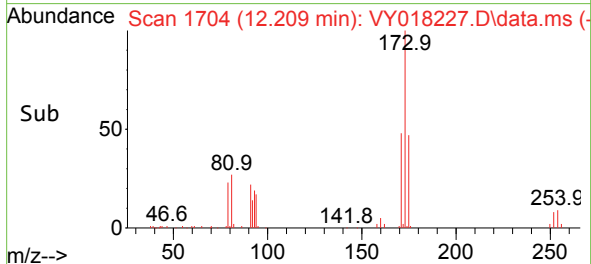
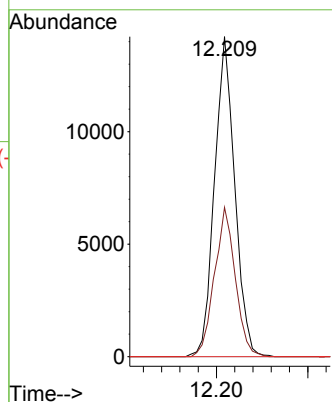
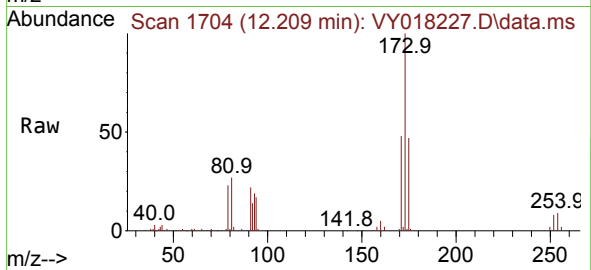
Tgt Ion:173 Resp: 21863

Ion Ratio Lower Upper

173 100

175 48.1 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. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

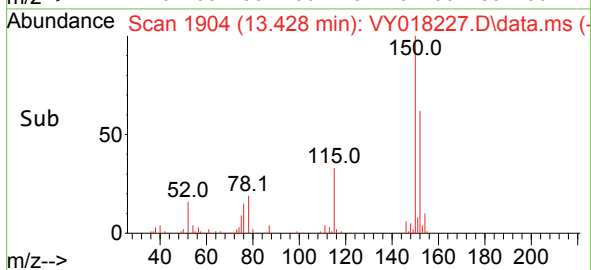
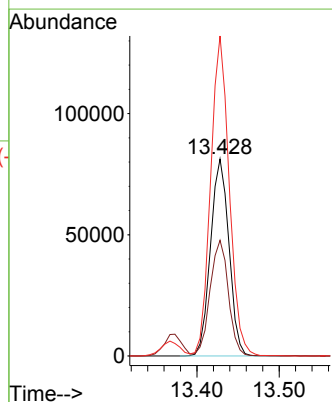
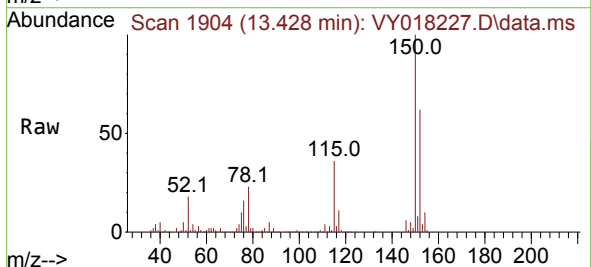
Tgt Ion:152 Resp: 126581

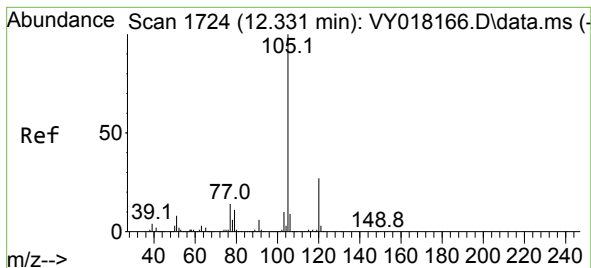
Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 164.0 0.0 345.6





#73

Isopropylbenzene

Concen: 22.046 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

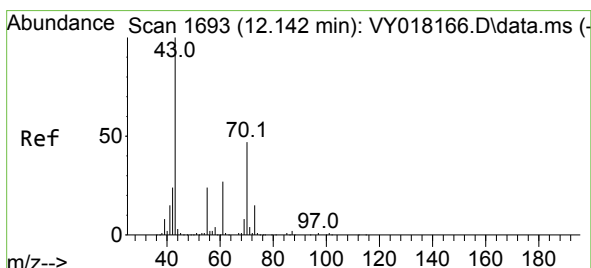
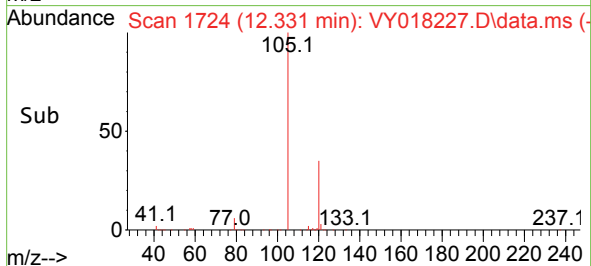
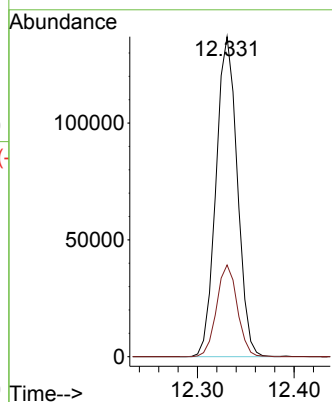
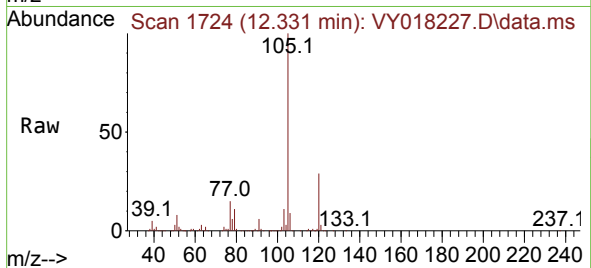
ClientSampleId :

Tgt Ion:105 Resp: 209226

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 22.033 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Tgt Ion: 43 Resp: 43407

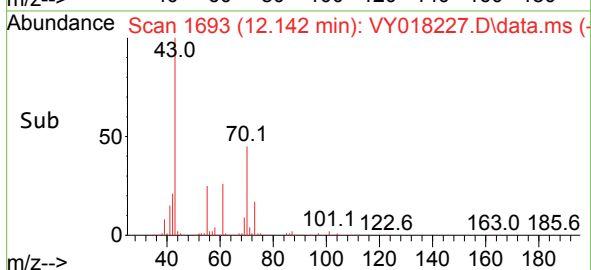
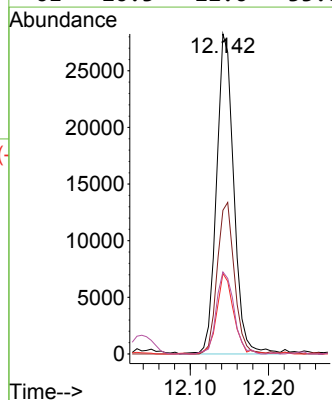
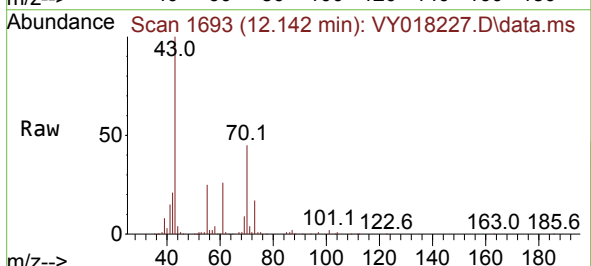
Ion Ratio Lower Upper

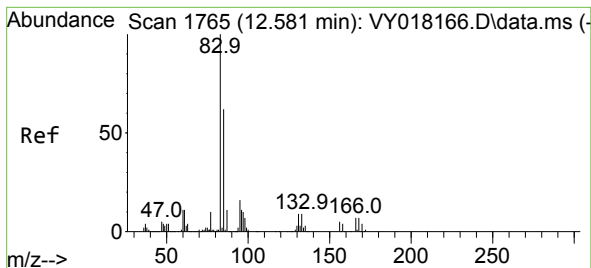
43 100

70 46.9 41.4 62.2

55 24.4 23.3 34.9

61 26.3 22.6 33.8

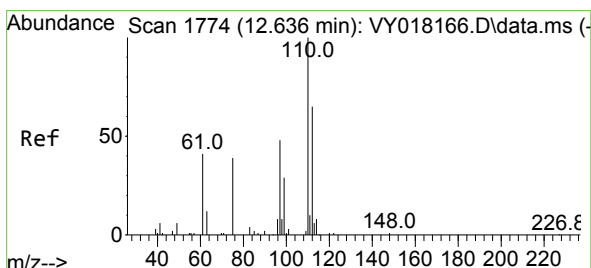
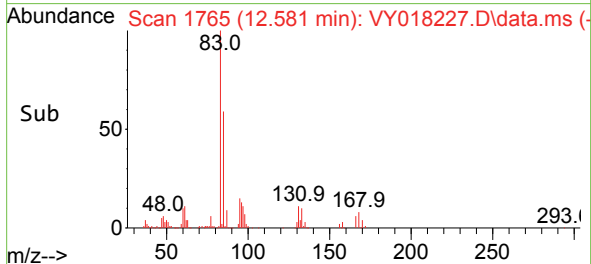
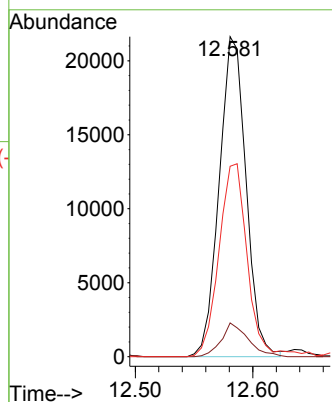
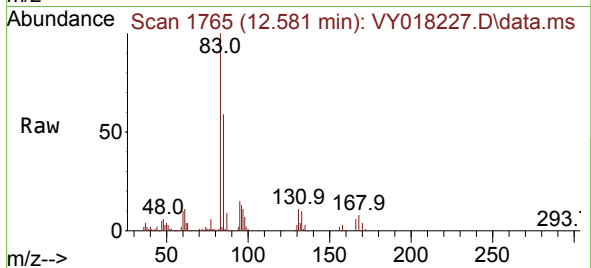




#75
1,1,2,2-Tetrachloroethane
Concen: 22.694 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

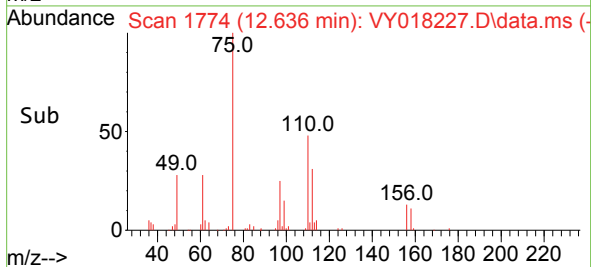
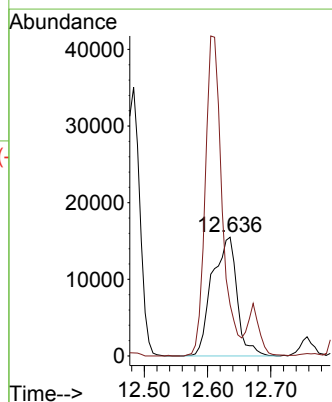
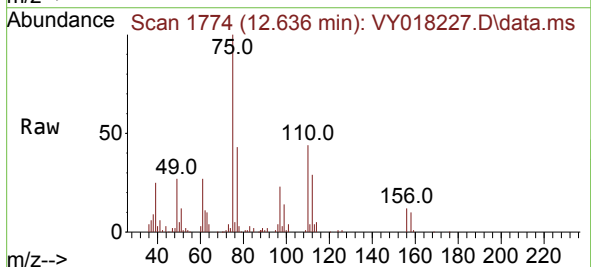
Instrument :
MSVOA_Y
ClientSampleId :

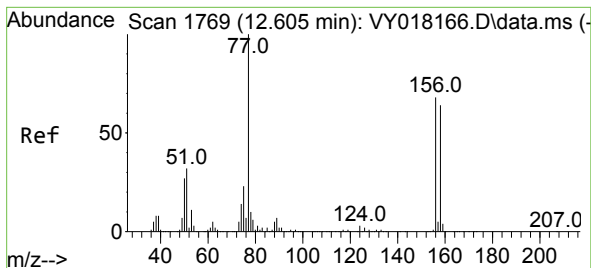
Tgt Ion: 83 Resp: 34358
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 64.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 41.841 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 75 Resp: 42393
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.783 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018227.D

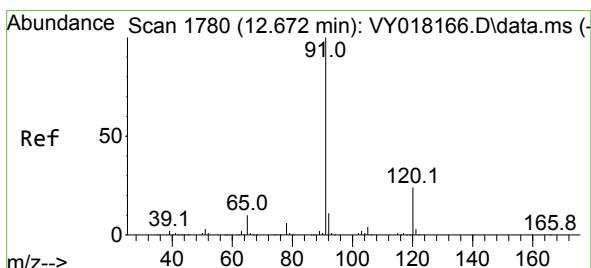
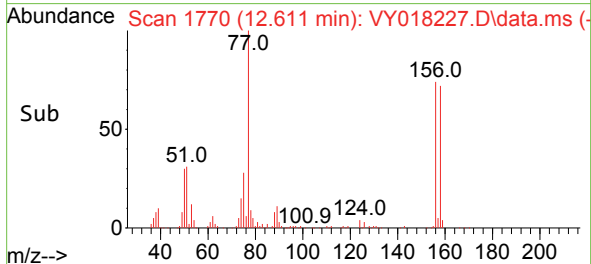
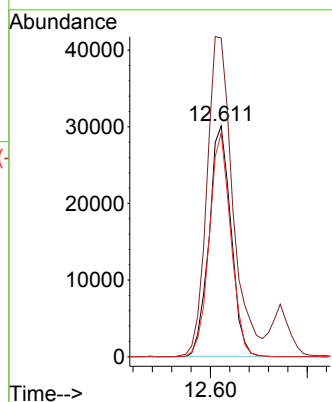
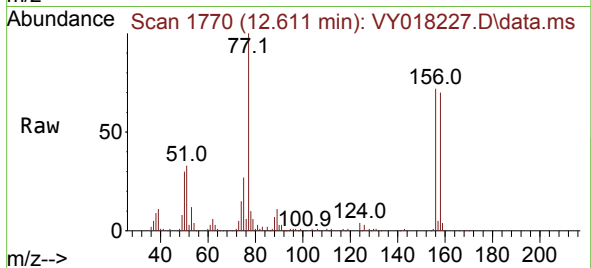
Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	47492
Ion	Ratio	Lower	Upper
156	100		
77	163.3	87.1	261.3
158	94.8	48.6	145.9



#78

n-propylbenzene

Concen: 22.278 ug/l

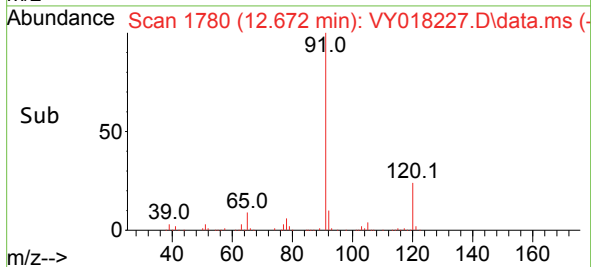
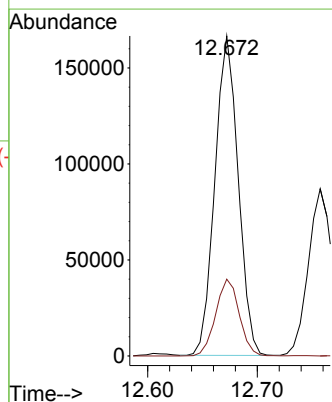
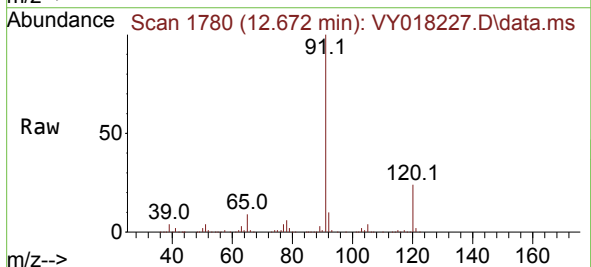
RT: 12.672 min Scan# 1780

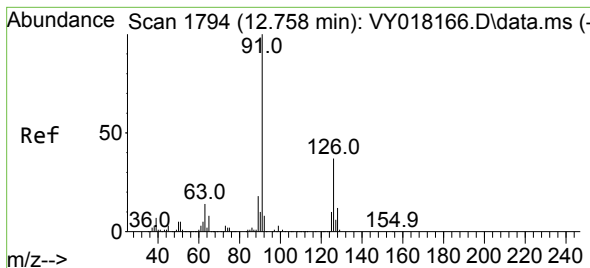
Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Tgt Ion:	91	Resp:	245922
Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 22.004 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

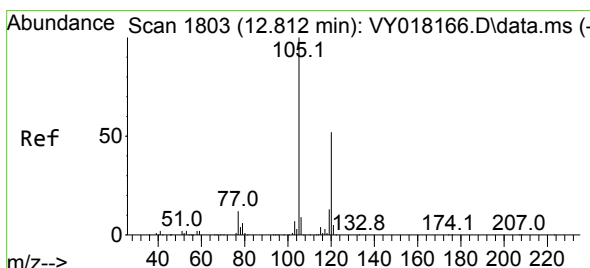
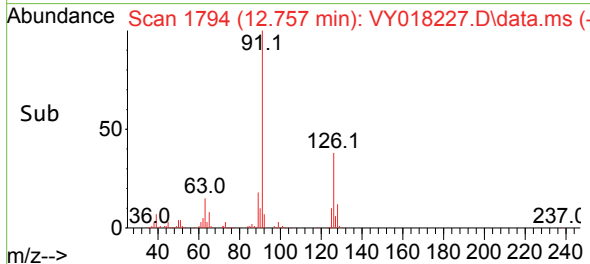
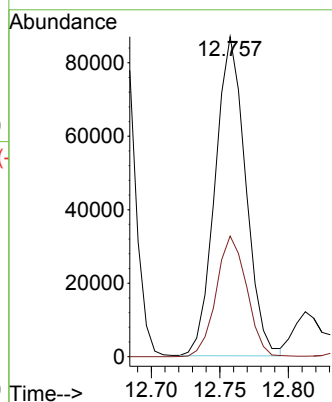
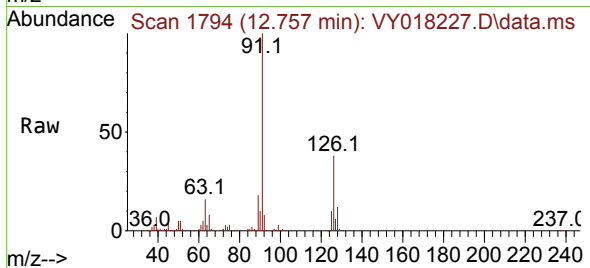
ClientSampleId :

Tgt Ion: 91 Resp: 134979

Ion Ratio Lower Upper

91 100

126 37.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.187 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY018227.D

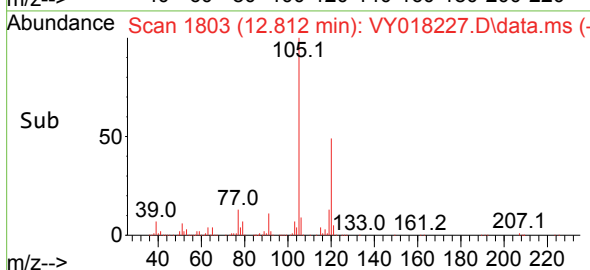
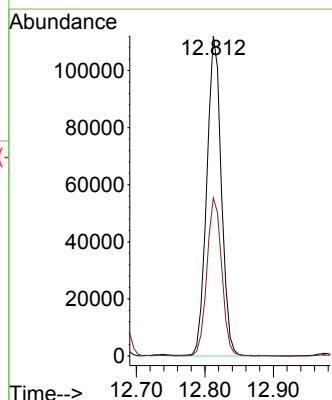
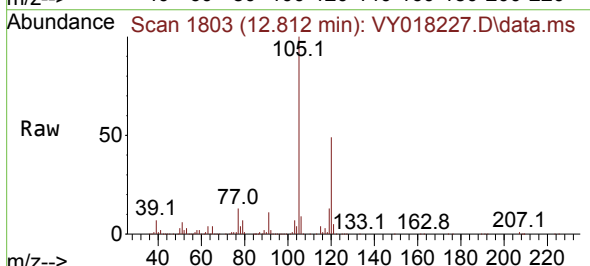
Acq: 10 May 2024 12:33

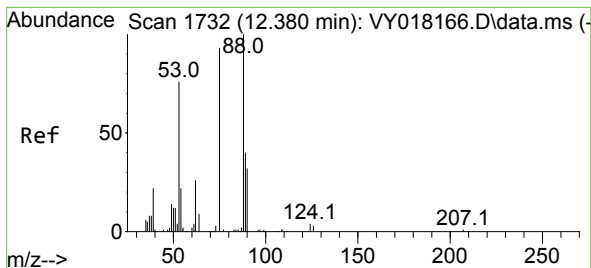
Tgt Ion:105 Resp: 166037

Ion Ratio Lower Upper

105 100

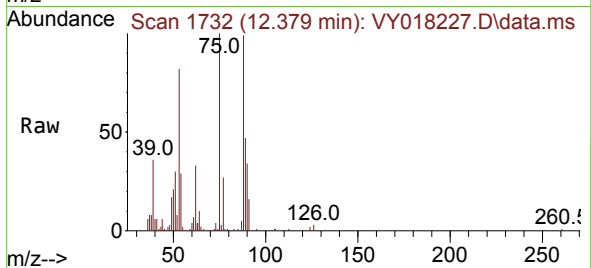
120 50.1 25.1 75.2



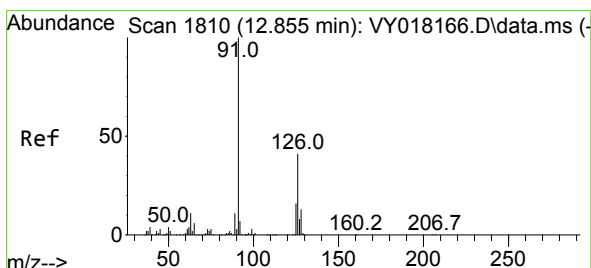
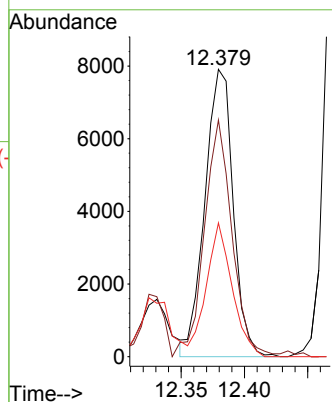
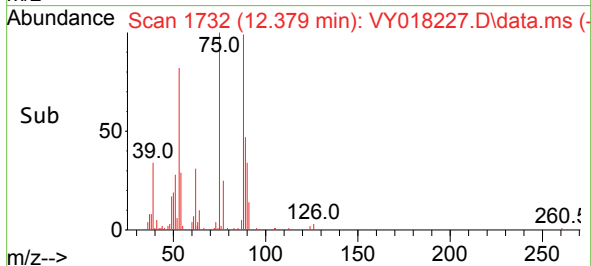


#81
trans-1,4-Dichloro-2-butene
Concen: 23.389 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

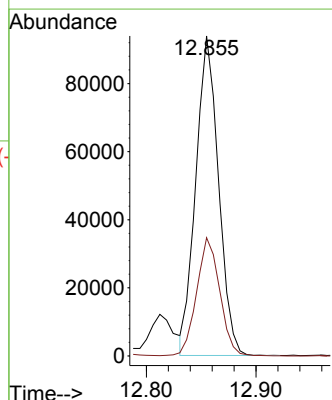
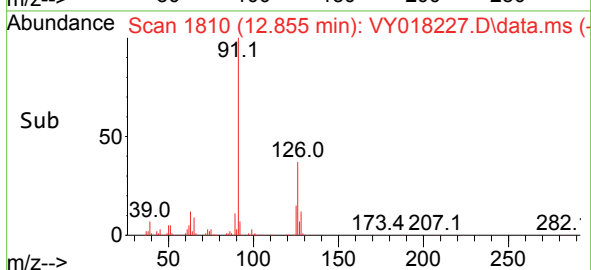
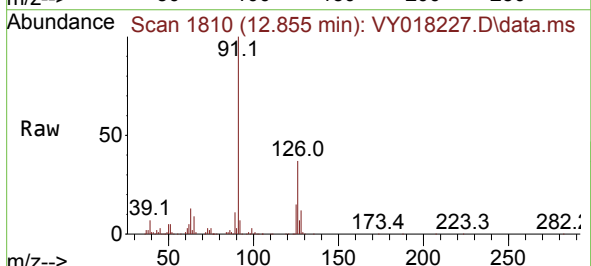


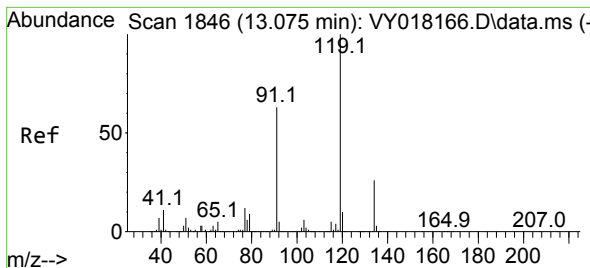
Tgt Ion: 75 Resp: 12300
Ion Ratio Lower Upper
75 100
53 80.7 66.8 100.2
89 42.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.899 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018227.D
Acq: 10 May 2024 12:33

Tgt Ion: 91 Resp: 134936
Ion Ratio Lower Upper
91 100
126 37.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.329 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

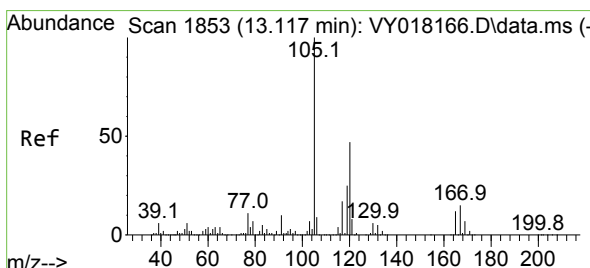
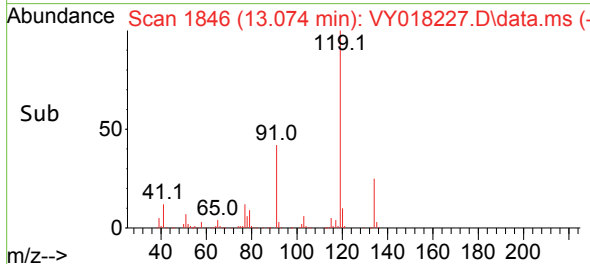
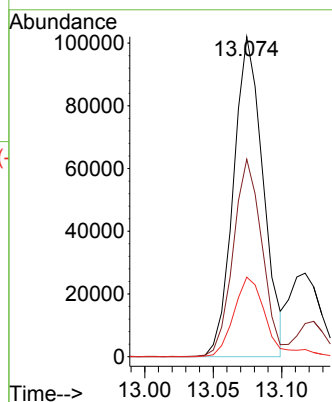
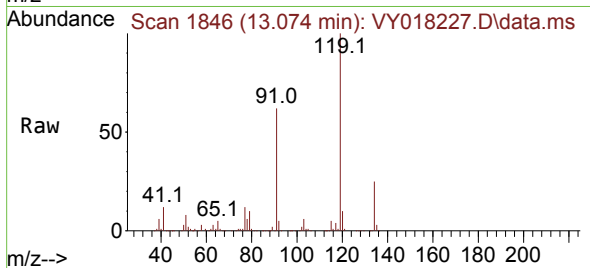
Tgt Ion:119 Resp: 154133

Ion Ratio Lower Upper

119 100

91 60.7 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.969 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018227.D

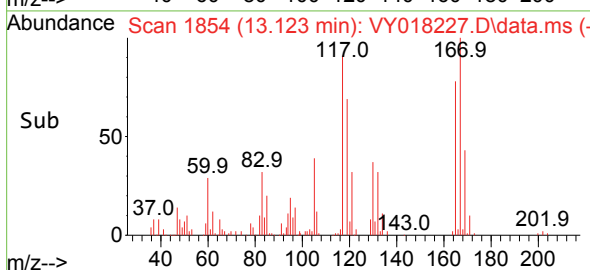
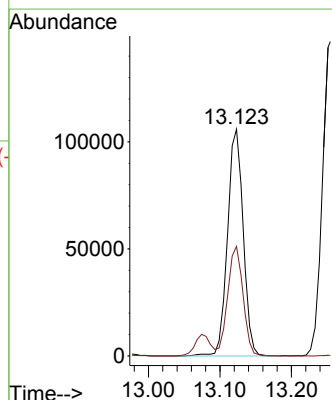
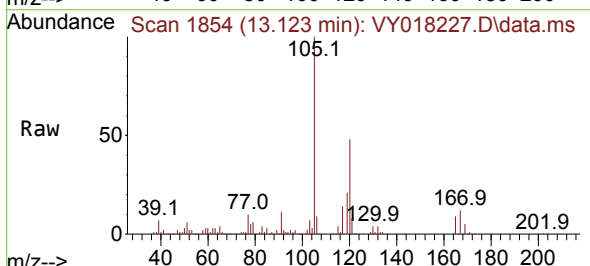
Acq: 10 May 2024 12:33

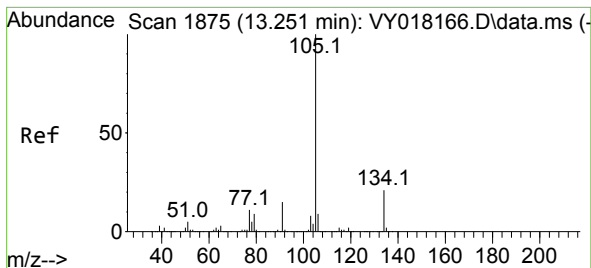
Tgt Ion:105 Resp: 161045

Ion Ratio Lower Upper

105 100

120 47.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.337 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

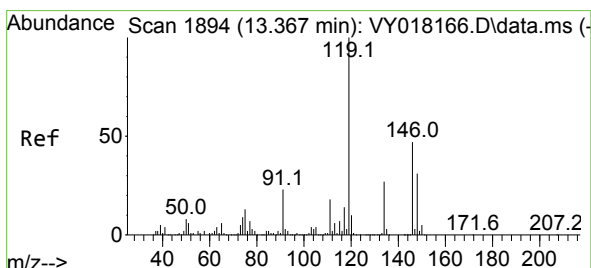
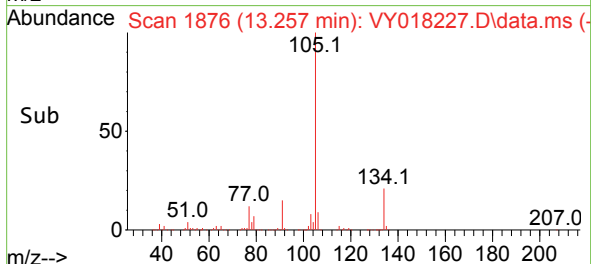
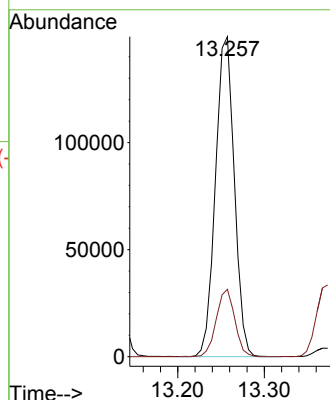
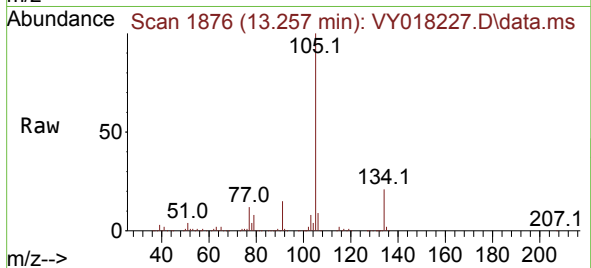
ClientSampleId :

Tgt Ion:105 Resp: 226168

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.276 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

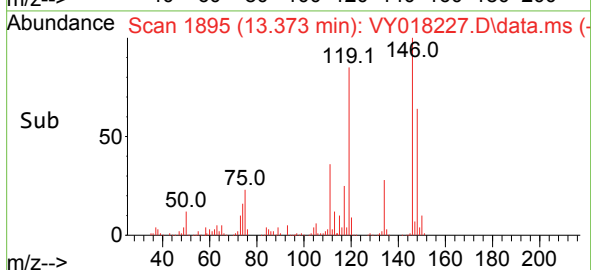
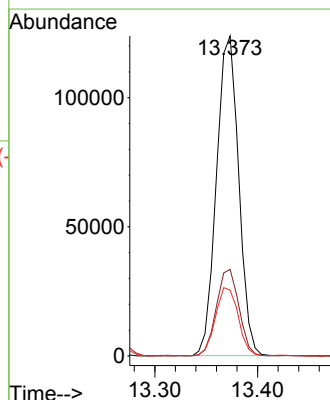
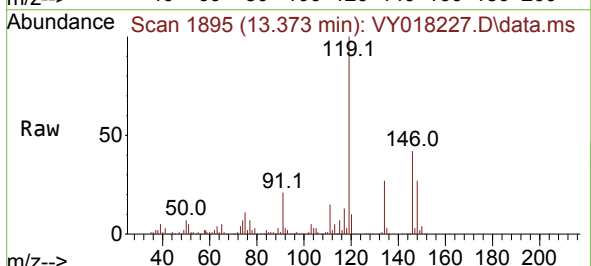
Tgt Ion:119 Resp: 185548

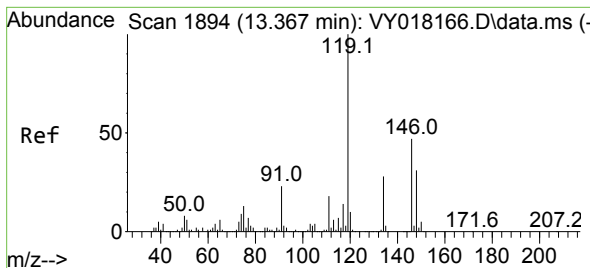
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.112 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

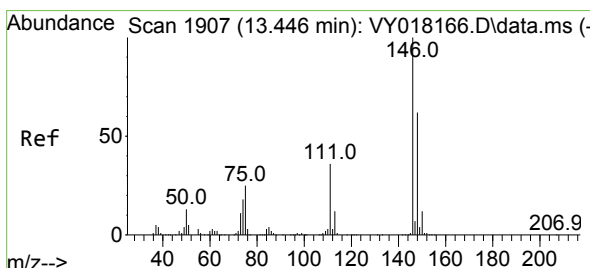
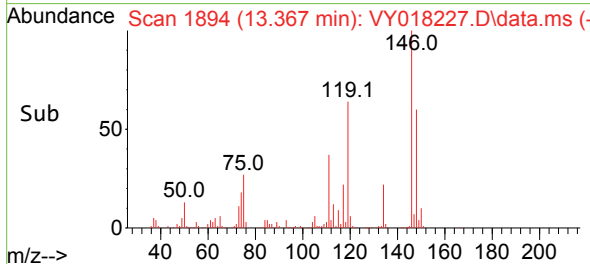
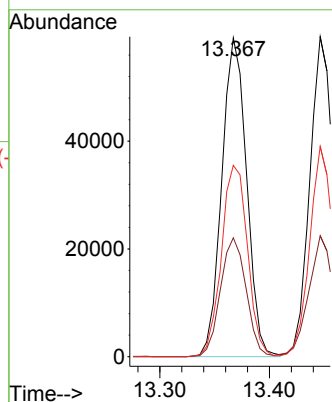
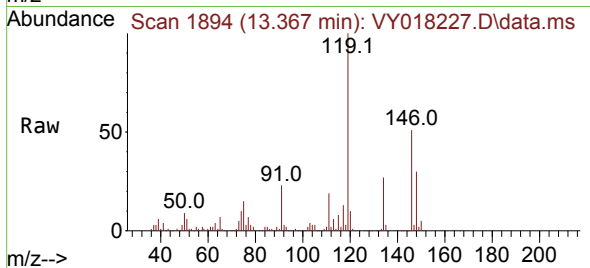
Tgt Ion:146 Resp: 93106

Ion Ratio Lower Upper

146 100

111 38.5 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.101 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

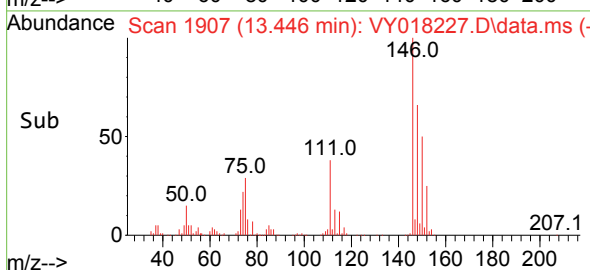
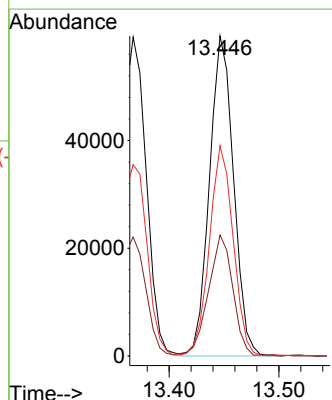
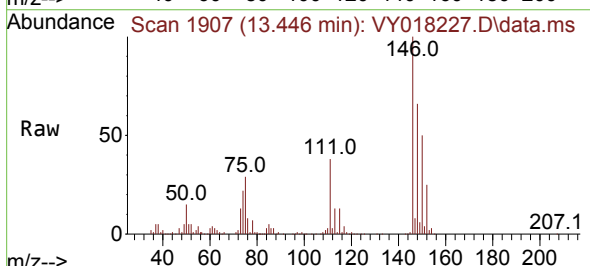
Tgt Ion:146 Resp: 90719

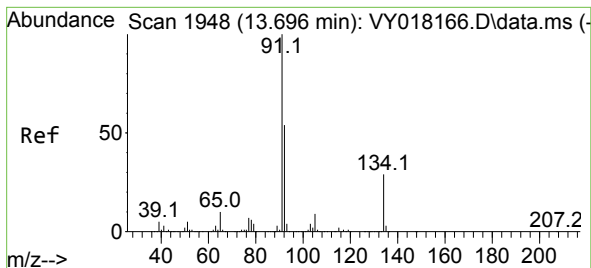
Ion Ratio Lower Upper

146 100

111 38.3 18.4 55.4

148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 22.177 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

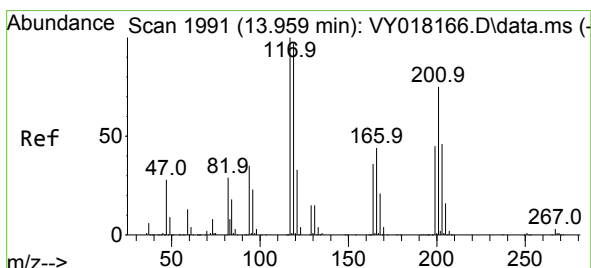
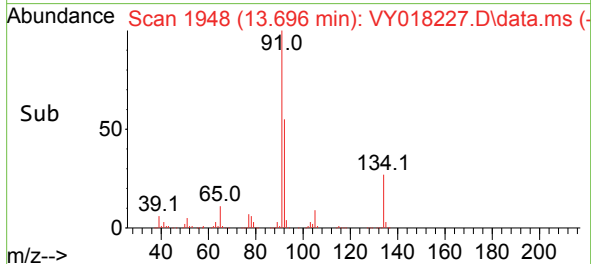
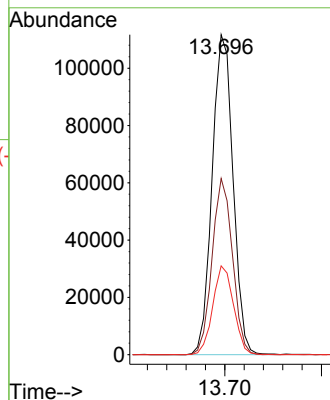
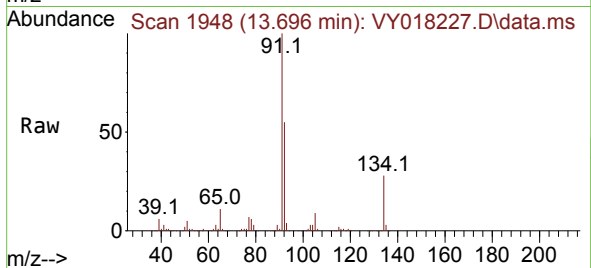
Tgt Ion: 91 Resp: 167175

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 27.6 12.9 38.7



#90

Hexachloroethane

Concen: 21.445 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018227.D

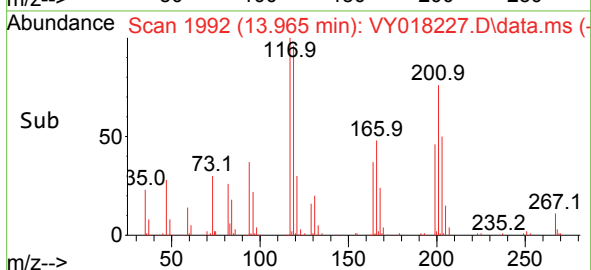
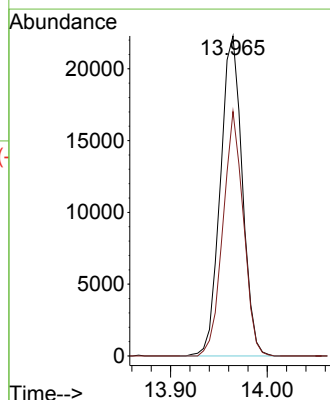
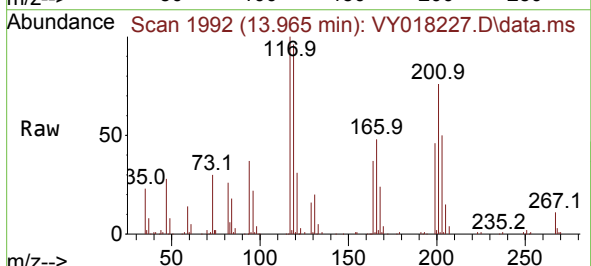
Acq: 10 May 2024 12:33

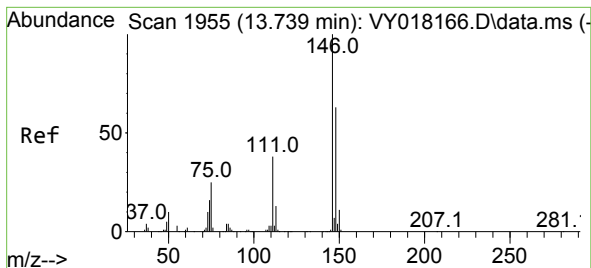
Tgt Ion: 117 Resp: 35044

Ion Ratio Lower Upper

117 100

201 71.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.862 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

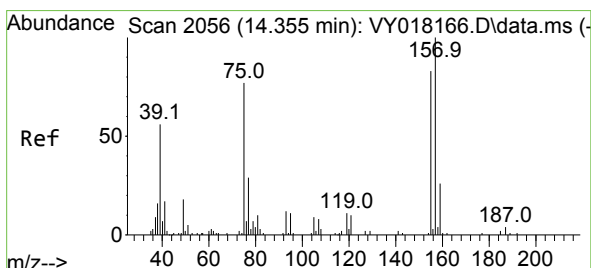
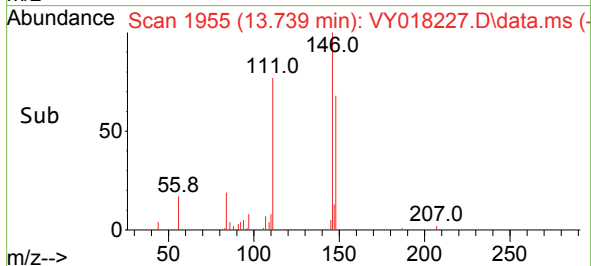
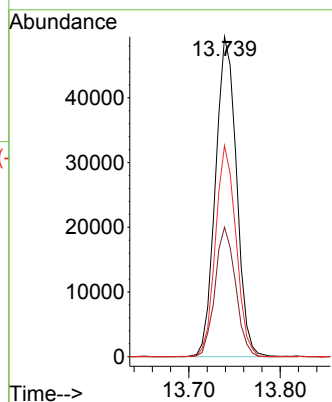
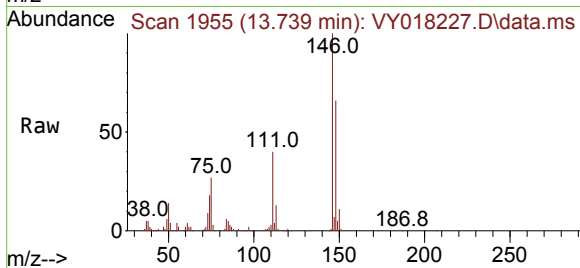
Tgt Ion:146 Resp: 79121

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.878 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

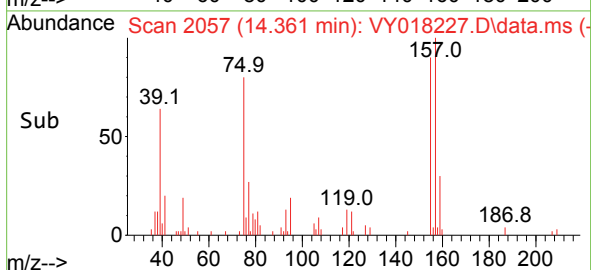
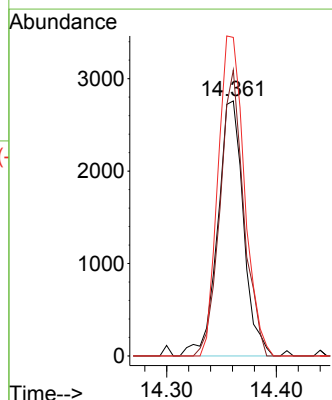
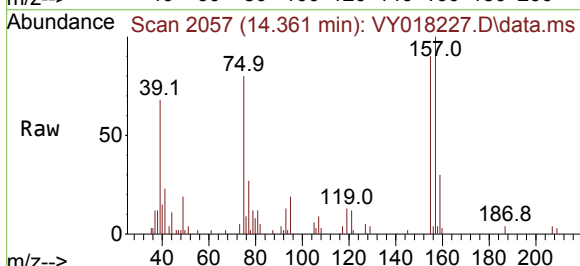
Tgt Ion: 75 Resp: 4510

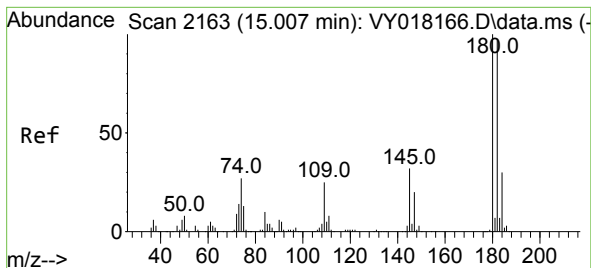
Ion Ratio Lower Upper

75 100

155 103.0 48.6 145.8

157 128.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.896 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

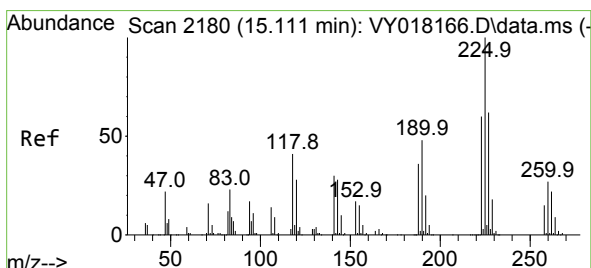
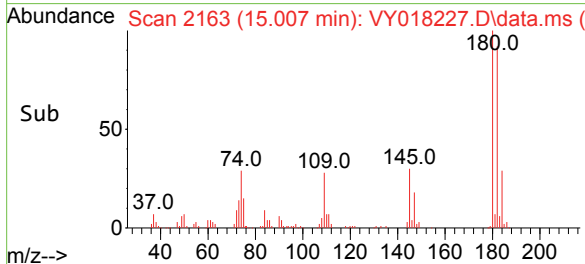
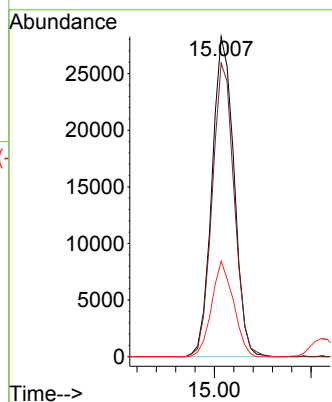
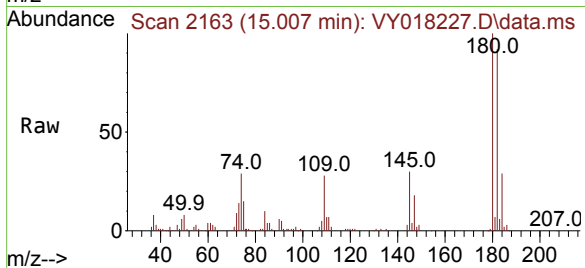
Tgt Ion:180 Resp: 44549

Ion Ratio Lower Upper

180 100

182 91.9 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.459 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

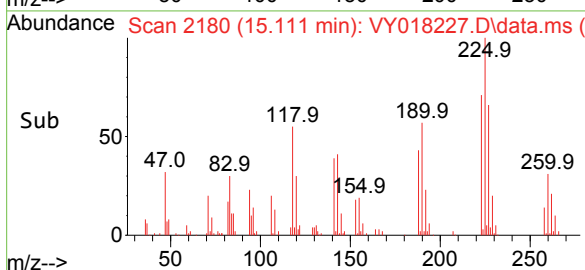
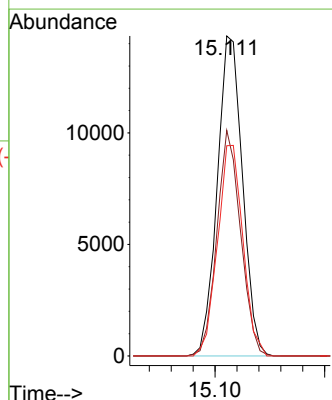
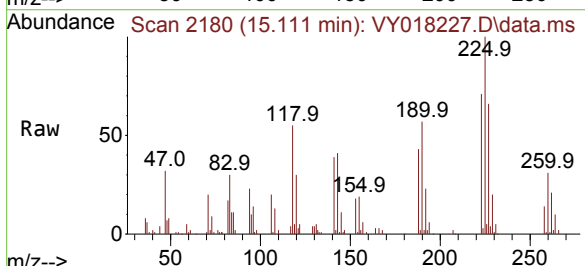
Tgt Ion:225 Resp: 22967

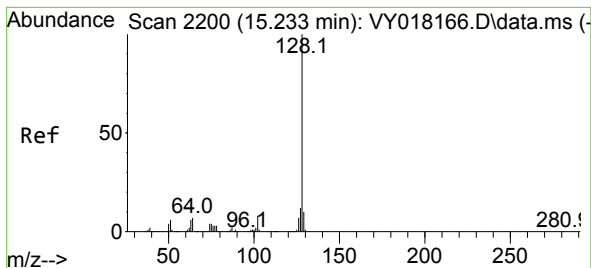
Ion Ratio Lower Upper

225 100

223 66.2 30.4 91.2

227 66.0 31.9 95.9





#95

Naphthalene

Concen: 21.692 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

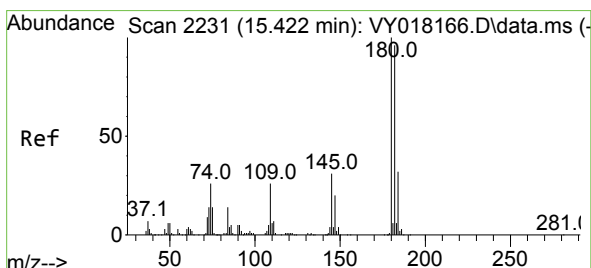
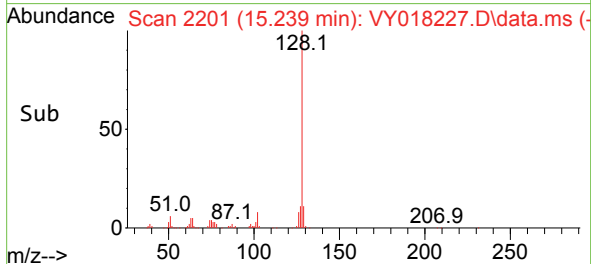
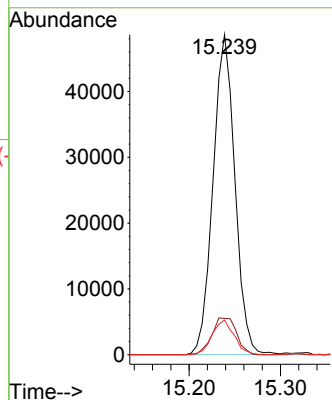
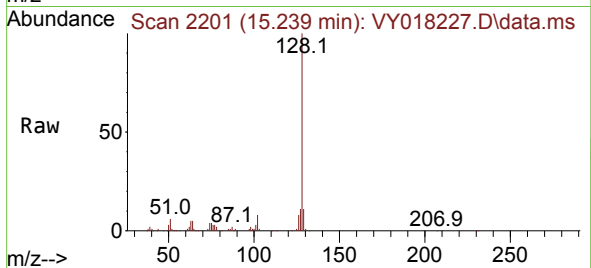
Tgt Ion:128 Resp: 80871

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.968 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018227.D

Acq: 10 May 2024 12:33

Tgt Ion:180 Resp: 36679

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 33.0 15.4 46.1

