

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018150.D
 Acq On : 03 May 2024 18:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 03:02:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	243074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100248	52.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.640%	
35) Dibromofluoromethane	7.716	113	117843	47.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.660%	
50) Toluene-d8	10.179	98	454169	47.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.440%	
62) 4-Bromofluorobenzene	12.483	95	144709	43.720	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	93695	48.289	ug/l	99
3) Chloromethane	2.107	50	156432	61.703	ug/l	100
4) Vinyl Chloride	2.241	62	166940	60.861	ug/l	98
5) Bromomethane	2.643	94	120251	71.025	ug/l	94
6) Chloroethane	2.790	64	110134	64.472	ug/l	97
7) Trichlorofluoromethane	3.119	101	183012	50.116	ug/l	96
8) Diethyl Ether	3.521	74	68072	58.056	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	114512	50.248	ug/l	98
10) Methyl Iodide	4.082	142	163038	53.977	ug/l	98
11) Tert butyl alcohol	4.960	59	44880	287.402	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	124504	53.576	ug/l	93
13) Acrolein	3.722	56	50414	216.906	ug/l	100
14) Allyl chloride	4.466	41	169849	55.281	ug/l	97
15) Acrylonitrile	5.155	53	137508	312.217	ug/l	99
16) Acetone	3.942	43	86295	236.420	ug/l	100
17) Carbon Disulfide	4.186	76	376224	54.218	ug/l	100
18) Methyl Acetate	4.478	43	56583	60.529	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	300049	56.267	ug/l	99
20) Methylene Chloride	4.704	84	138768	54.255	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	140532	56.886	ug/l	94
22) Diisopropyl ether	6.112	45	352263	55.667	ug/l	95
23) Vinyl Acetate	6.051	43	1101842	274.532	ug/l	98
24) 1,1-Dichloroethane	6.009	63	216097	56.554	ug/l	99
25) 2-Butanone	6.978	43	152425	268.425	ug/l	96
26) 2,2-Dichloropropane	6.978	77	171056	47.867	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	165312	56.112	ug/l	95
28) Bromochloromethane	7.332	49	87578	56.714	ug/l	95
29) Tetrahydrofuran	7.344	42	104858	290.468	ug/l	98
30) Chloroform	7.502	83	225454	55.758	ug/l	99
31) Cyclohexane	7.783	56	178904	48.731	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	193082	52.317	ug/l	98
36) 1,1-Dichloropropene	7.917	75	158251	48.121	ug/l	98
37) Ethyl Acetate	7.076	43	74379	51.973	ug/l	98
38) Carbon Tetrachloride	7.899	117	170254	45.612	ug/l	99
39) Methylcyclohexane	9.179	83	215982	44.715	ug/l	98
40) Benzene	8.155	78	542660	51.353	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	42356	50.187	ug/l	96
42) 1,2-Dichloroethane	8.234	62	121212	49.511	ug/l	98
43) Isopropyl Acetate	8.270	43	151291	50.319	ug/l	96
44) Trichloroethene	8.935	130	147567	49.242	ug/l	95
45) 1,2-Dichloropropane	9.215	63	118531	51.410	ug/l	99
46) Dibromomethane	9.301	93	70337	50.177	ug/l	95
47) Bromodichloromethane	9.496	83	170760	49.620	ug/l	98
48) Methyl methacrylate	9.289	41	69770	50.694	ug/l	93
49) 1,4-Dioxane	9.295	88	17440	1121.389	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	382049	260.170	ug/l	96
52) Toluene	10.246	92	343775	49.155	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	159220	47.884	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	192481	49.274	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	96032	50.935	ug/l	97
56) Ethyl methacrylate	10.508	69	134622	50.502	ug/l #	92
57) 1,3-Dichloropropane	10.788	76	154889	51.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	314331	252.605	ug/l	94
59) 2-Hexanone	10.831	43	258697	246.831	ug/l	94
60) Dibromochloromethane	10.983	129	124690	48.692	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89690	49.644	ug/l	100
64) Tetrachloroethene	10.721	164	124472	46.422	ug/l	98
65) Chlorobenzene	11.514	112	385223	49.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	126399	48.061	ug/l	99
67) Ethyl Benzene	11.593	91	636177	48.522	ug/l	94
68) m/p-Xylenes	11.703	106	501072	95.379	ug/l	98
69) o-Xylene	12.032	106	244159	48.378	ug/l	95
70) Styrene	12.044	104	413672	48.701	ug/l	98
71) Bromoform	12.209	173	70484	45.734	ug/l #	98
73) Isopropylbenzene	12.331	105	604102	48.086	ug/l	97
74) N-amyl acetate	12.142	43	136749	49.595	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	103078	51.564	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	126639	90.400	ug/l #	100
77) Bromobenzene	12.611	156	146435	49.056	ug/l	94
78) n-propylbenzene	12.672	91	696544	48.148	ug/l	97
79) 2-Chlorotoluene	12.757	91	391236	47.618	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	474447	46.859	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	36141	47.000	ug/l	96
82) 4-Chlorotoluene	12.855	91	396729	47.122	ug/l	97
83) tert-Butylbenzene	13.074	119	435474	46.978	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	471735	47.560	ug/l	98
85) sec-Butylbenzene	13.251	105	628645	47.259	ug/l	97
86) p-Isopropyltoluene	13.367	119	519796	46.889	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	273398	47.886	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	269718	47.930	ug/l	99
89) n-Butylbenzene	13.696	91	458033	46.688	ug/l	97
90) Hexachloroethane	13.958	117	105565	46.871	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	244778	49.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14731	48.852	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	135387	48.691	ug/l	99
94) Hexachlorobutadiene	15.111	225	69758	45.324	ug/l	97
95) Naphthalene	15.233	128	271002	52.934	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	115712	49.872	ug/l	99

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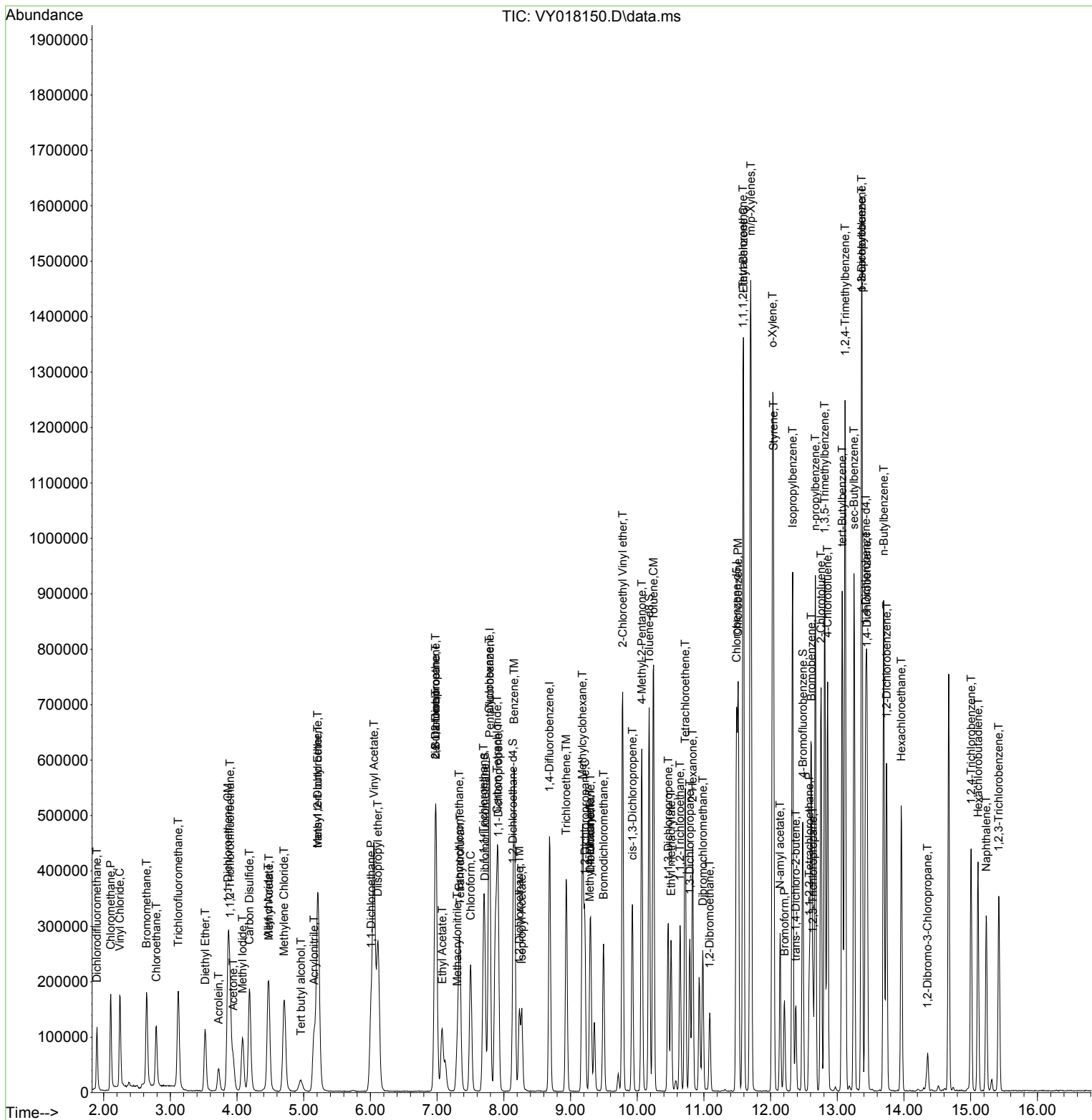
Instrument :
MSVOA_Y
ClientSampleId :

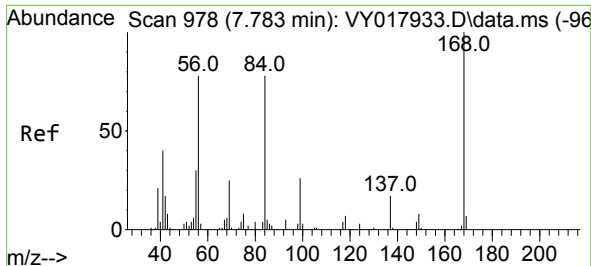
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QLast Update : Wed May 01 16:21:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

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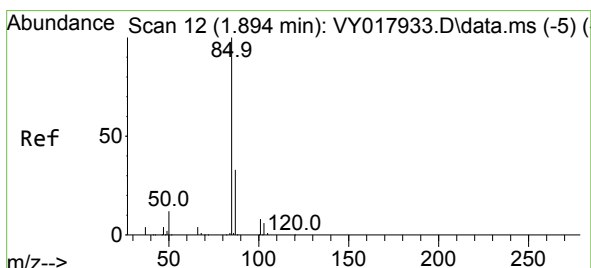
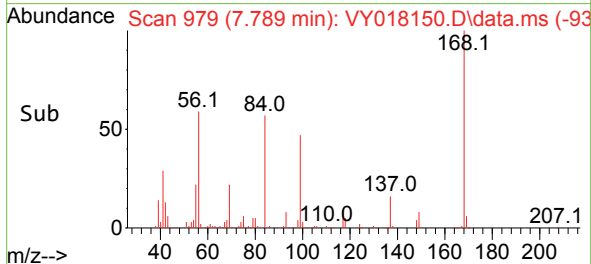
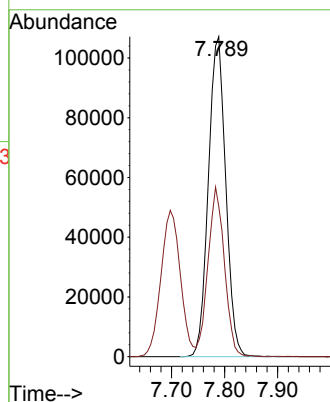
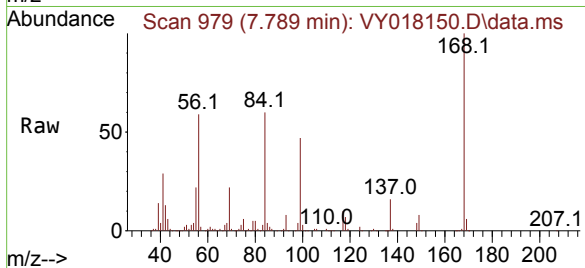




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018150.D
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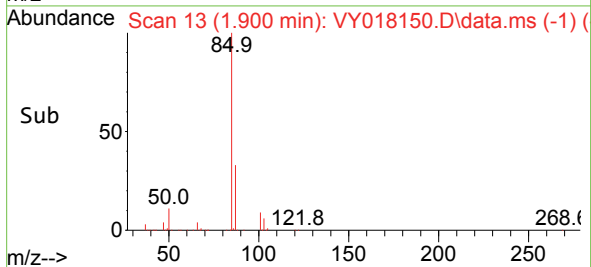
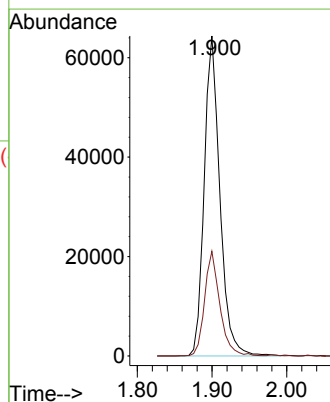
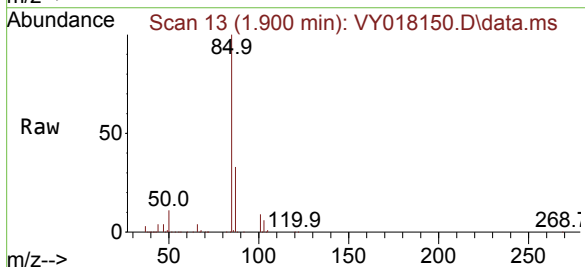
Instrument :
MSVOA_Y
ClientSampleId :

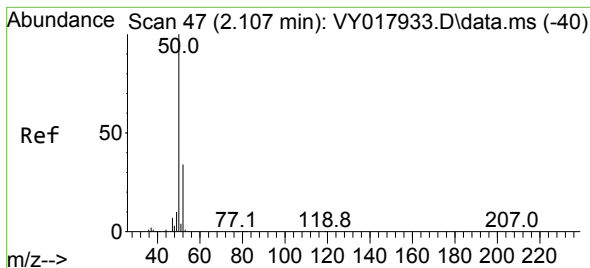
Tgt Ion:168 Resp: 243074
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.289 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 85 Resp: 93695
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0





#3

Chloromethane

Concen: 61.703 ug/l

RT: 2.107 min Scan# 47

Delta R.T. -0.006 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

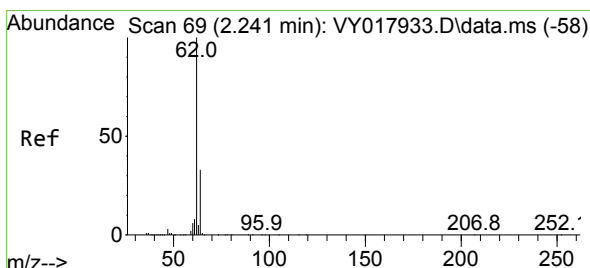
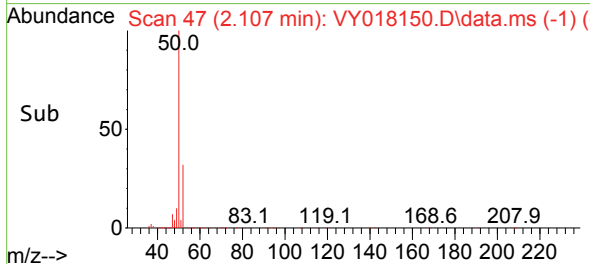
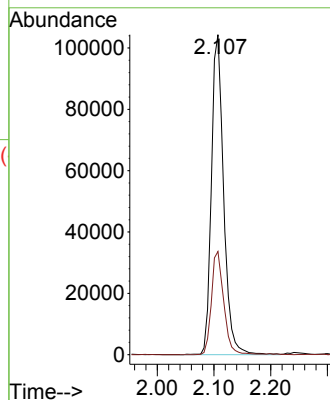
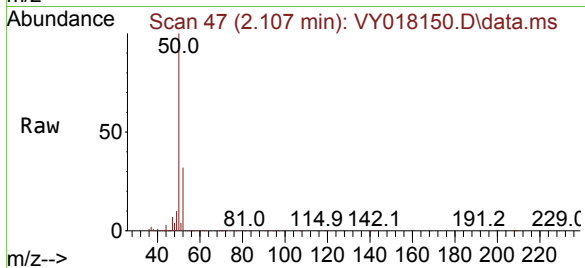
ClientSampleId :

Tgt Ion: 50 Resp: 156432

Ion Ratio Lower Upper

50 100

52 32.2 25.6 38.4



#4

Vinyl Chloride

Concen: 60.861 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY018150.D

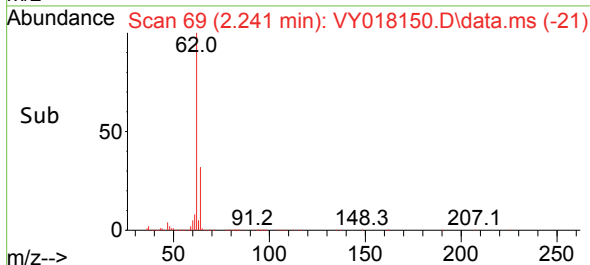
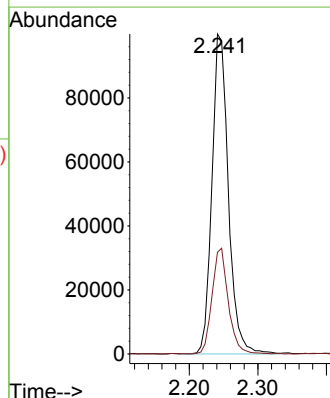
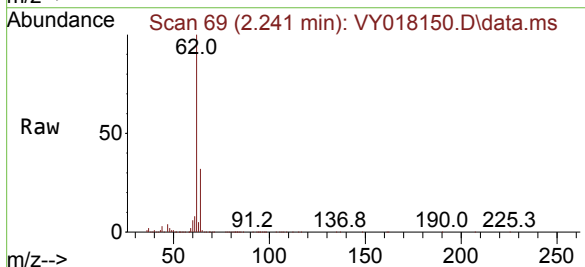
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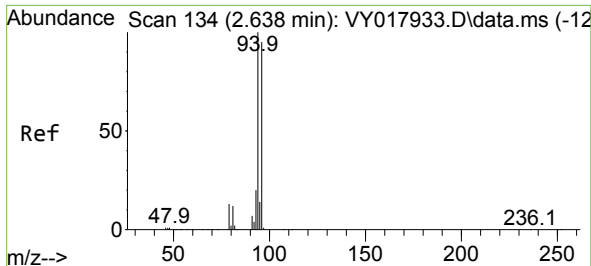
Tgt Ion: 62 Resp: 166940

Ion Ratio Lower Upper

62 100

64 31.7 26.1 39.1

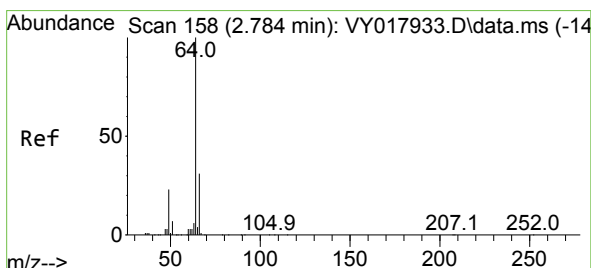
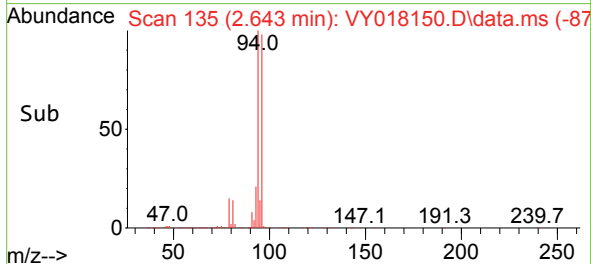
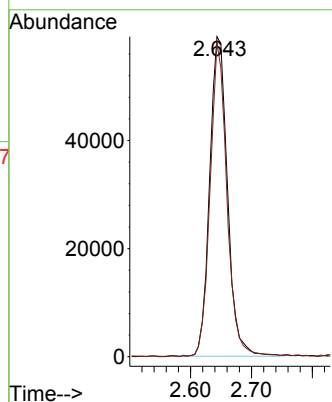
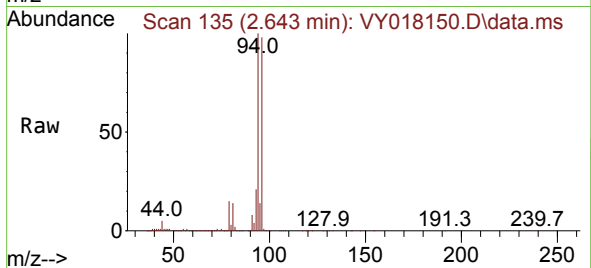




#5
Bromomethane
Concen: 71.025 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

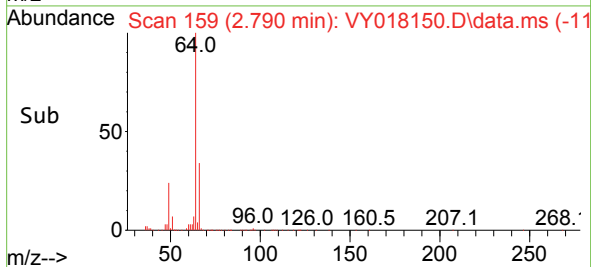
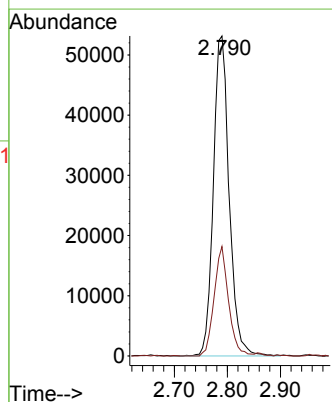
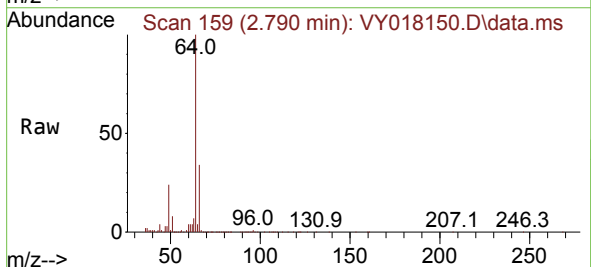
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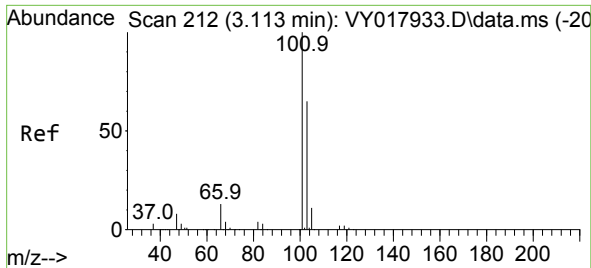
Tgt Ion: 94 Resp: 120251
Ion Ratio Lower Upper
94 100
96 98.1 74.1 111.1



#6
Chloroethane
Concen: 64.472 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 64 Resp: 110134
Ion Ratio Lower Upper
64 100
66 34.2 26.1 39.1

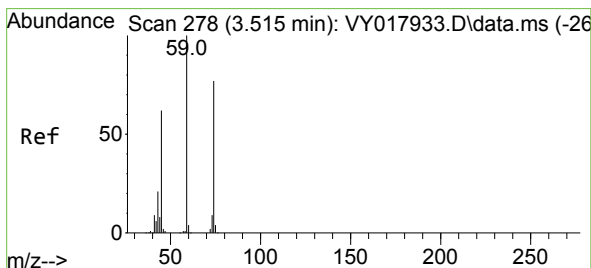
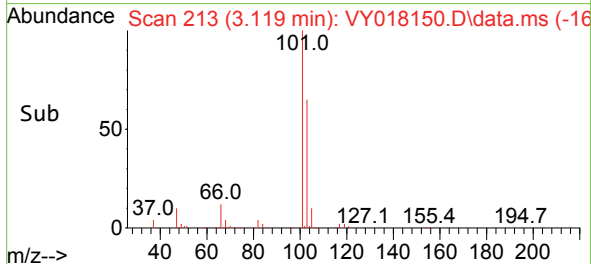
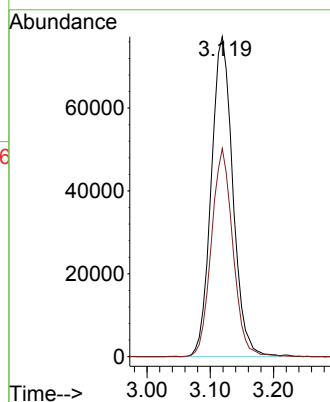
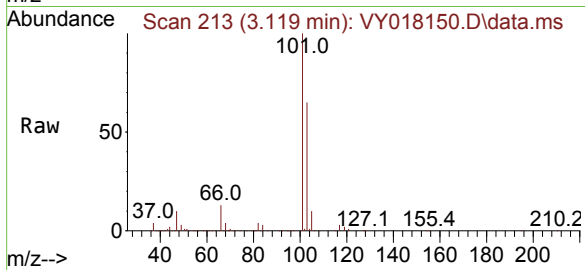




#7
 Trichlorofluoromethane
 Concen: 50.116 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY018150.D
 Acq: 03 May 2024 18:07

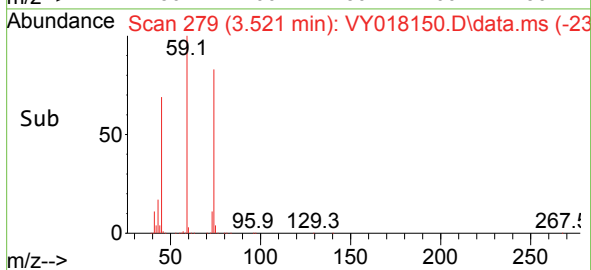
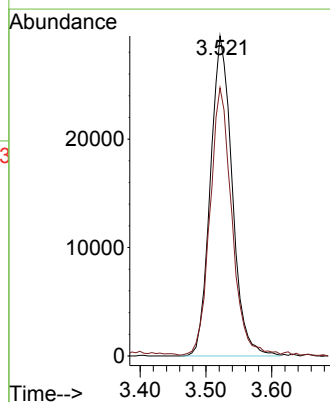
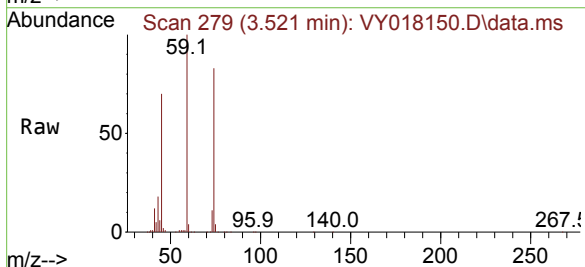
Instrument :
 MSVOA_Y
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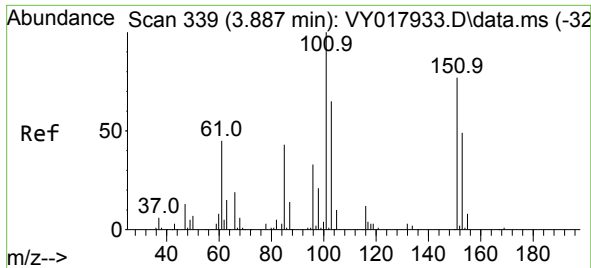
Tgt Ion:101 Resp: 183012
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 58.056 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY018150.D
 Acq: 03 May 2024 18:07

Tgt Ion: 74 Resp: 68072
 Ion Ratio Lower Upper
 74 100
 45 83.6 41.3 124.1

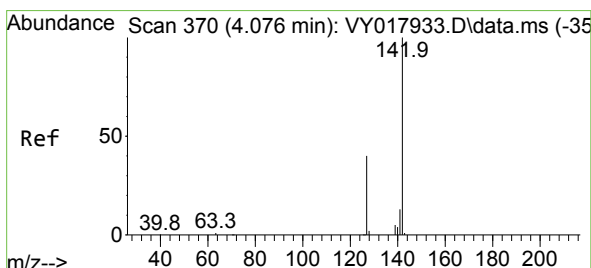
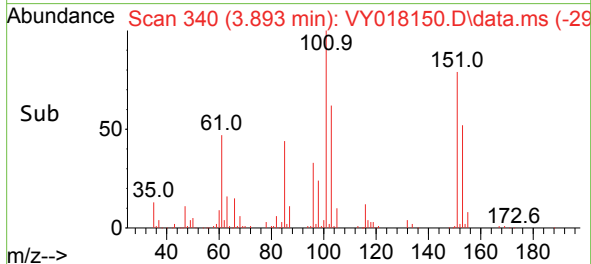
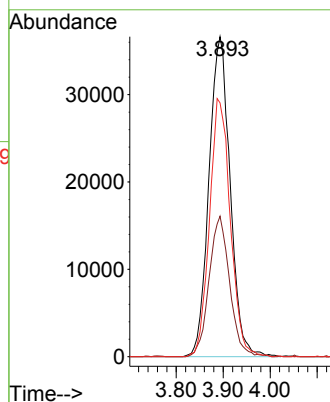
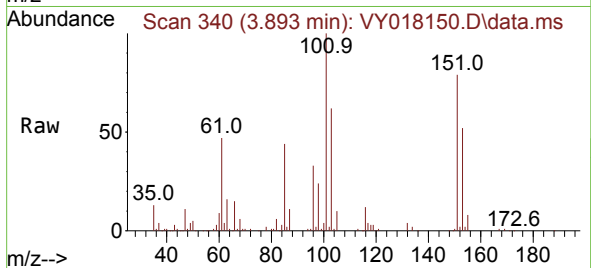




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.248 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

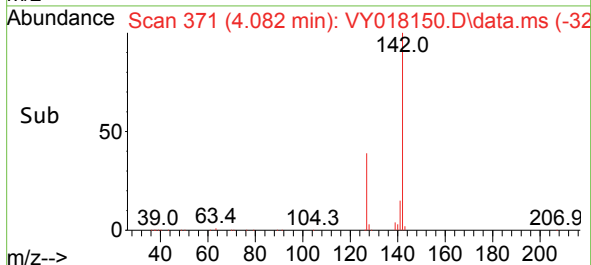
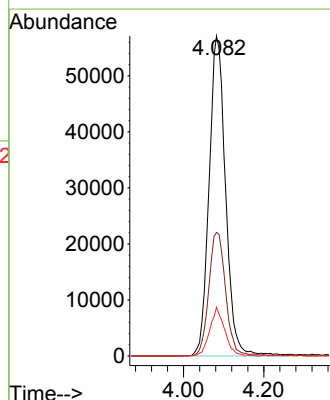
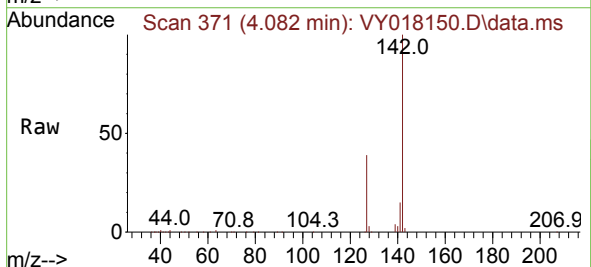
Instrument :
MSVOA_Y
ClientSampleId :

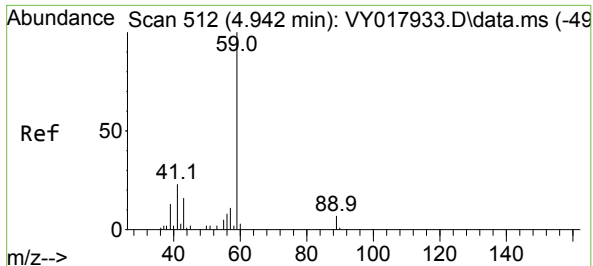
Tgt Ion:101 Resp: 114512
Ion Ratio Lower Upper
101 100
85 42.6 34.5 51.7
151 79.2 61.7 92.5



#10
Methyl Iodide
Concen: 53.977 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion:142 Resp: 163038
Ion Ratio Lower Upper
142 100
127 39.2 32.8 49.2
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 287.402 ug/l

RT: 4.960 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

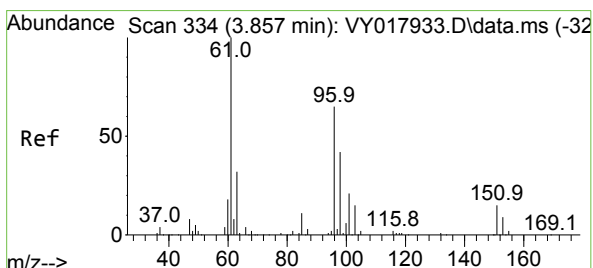
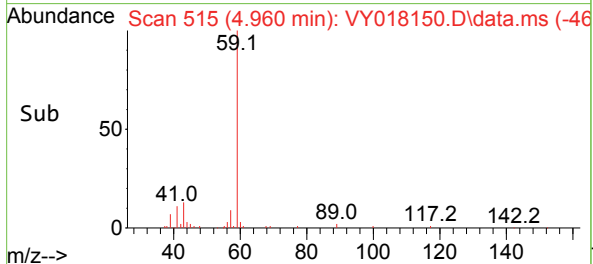
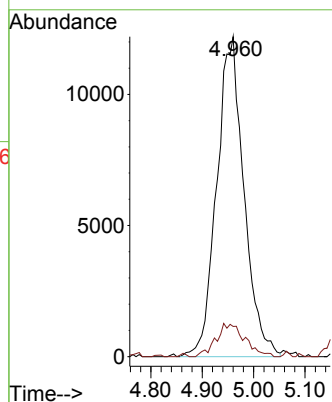
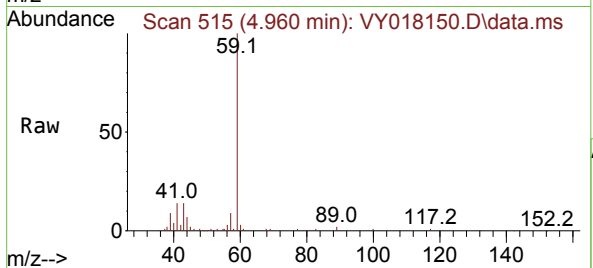
ClientSampleId :

Tgt Ion: 59 Resp: 44880

Ion Ratio Lower Upper

59 100

57 10.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 53.576 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

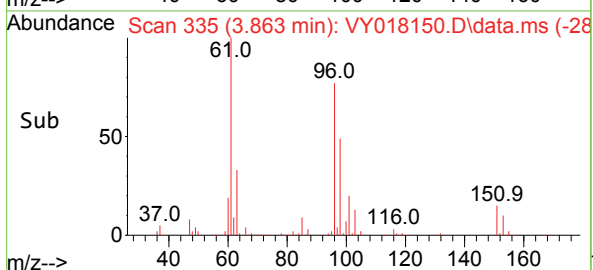
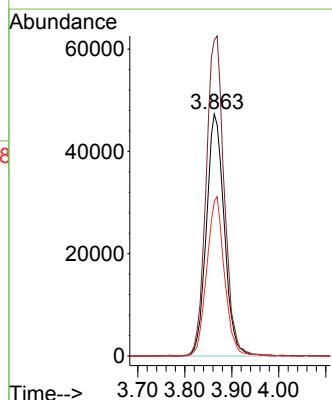
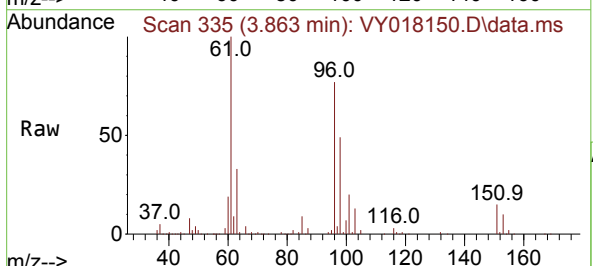
Tgt Ion: 96 Resp: 124504

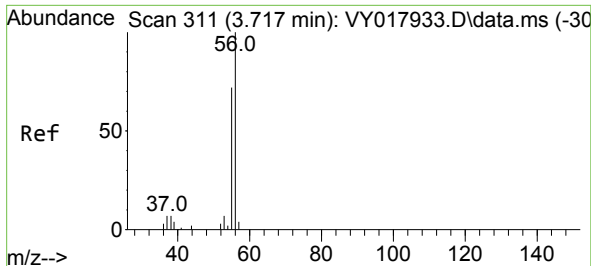
Ion Ratio Lower Upper

96 100

61 130.3 114.6 171.8

98 63.6 50.8 76.2





#13

Acrolein

Concen: 216.906 ug/l

RT: 3.722 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

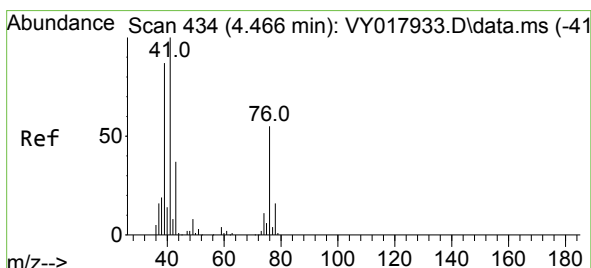
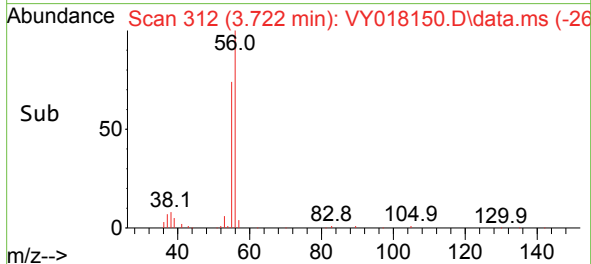
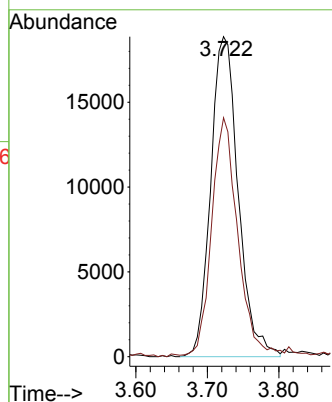
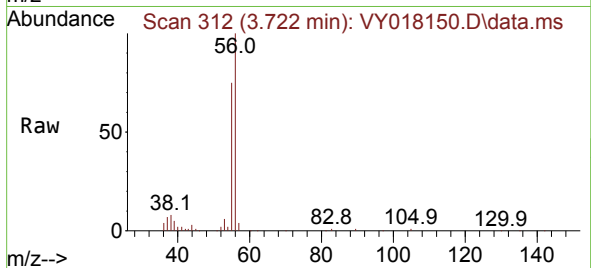
ClientSampleId :

Tgt Ion: 56 Resp: 50414

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 55.281 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

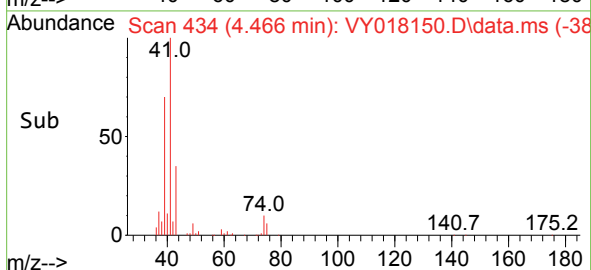
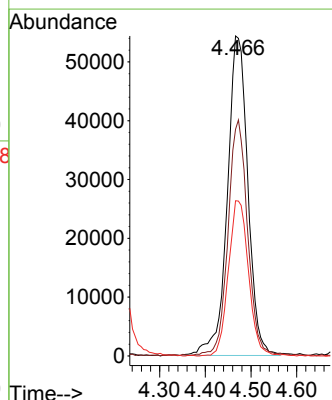
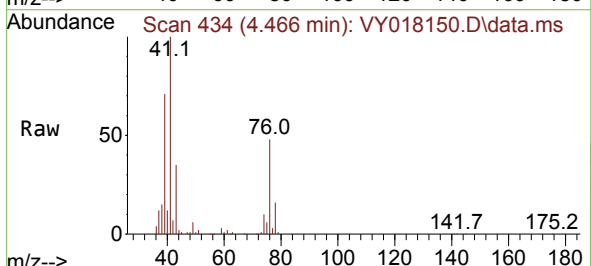
Tgt Ion: 41 Resp: 169849

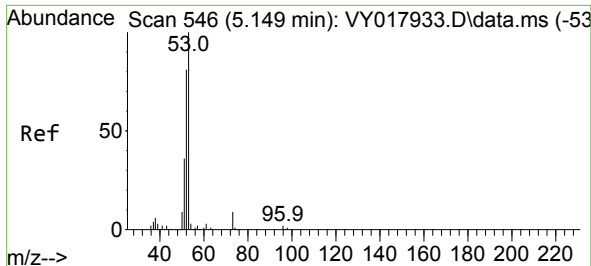
Ion Ratio Lower Upper

41 100

39 70.1 58.3 87.5

76 47.6 39.0 58.6

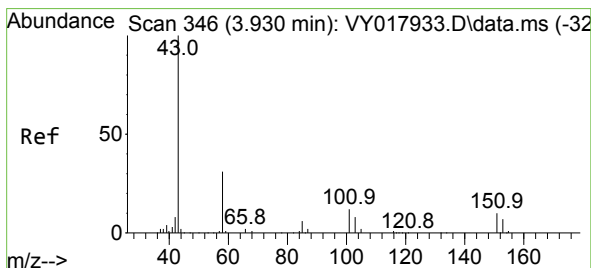
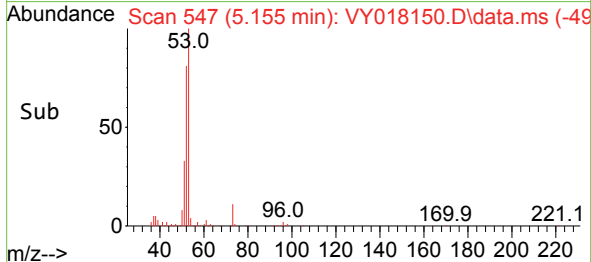
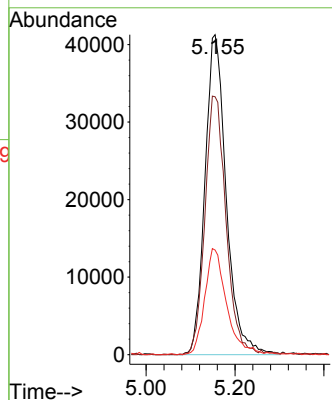
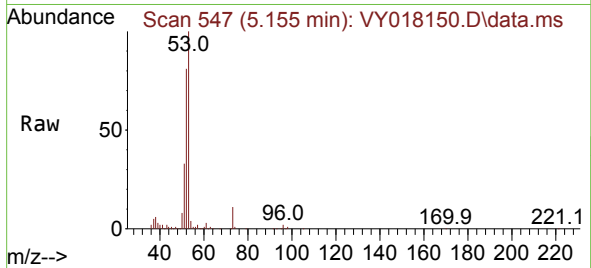




#15
Acrylonitrile
Concen: 312.217 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

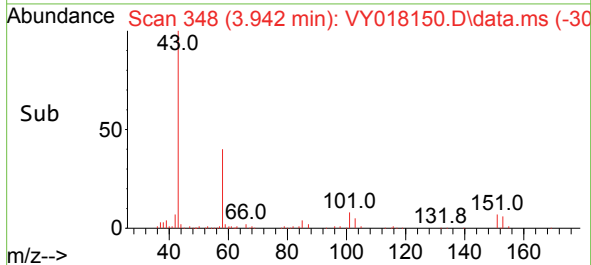
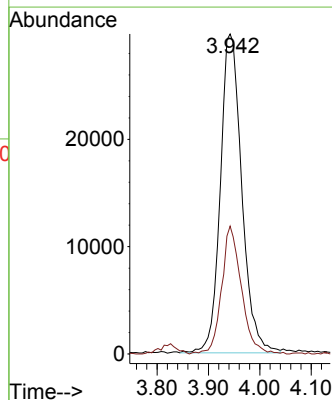
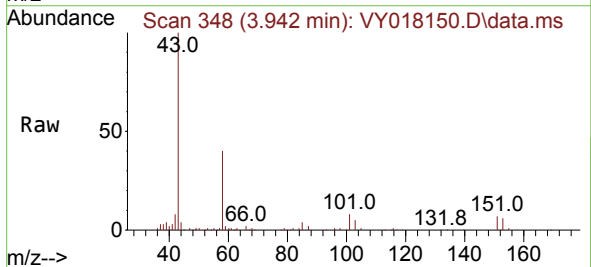
Instrument :
MSVOA_Y
ClientSampleId :

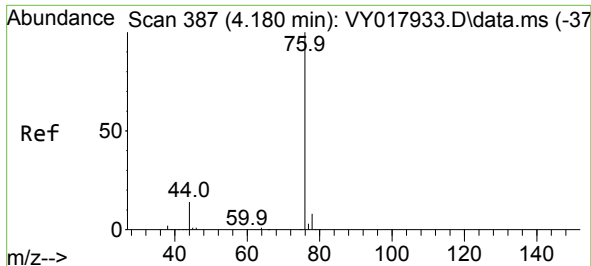
Tgt Ion: 53 Resp: 137508
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 33.9 28.4 42.6



#16
Acetone
Concen: 236.420 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 43 Resp: 86295
Ion Ratio Lower Upper
43 100
58 39.8 31.7 47.5





#17

Carbon Disulfide

Concen: 54.218 ug/l

RT: 4.186 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

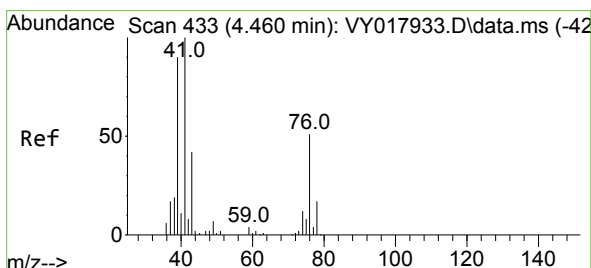
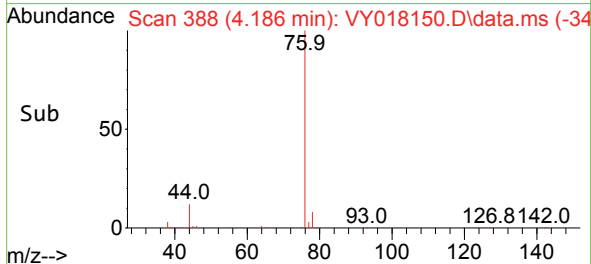
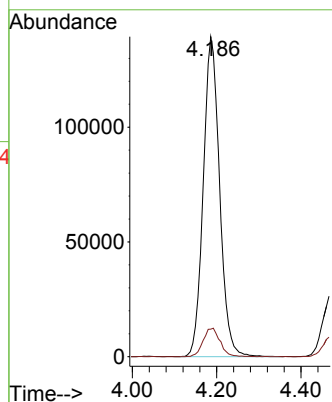
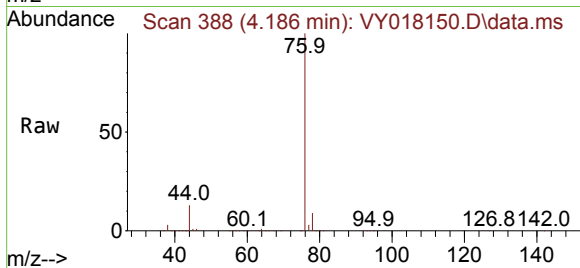
ClientSampleId :

Tgt Ion: 76 Resp: 376224

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 60.529 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018150.D

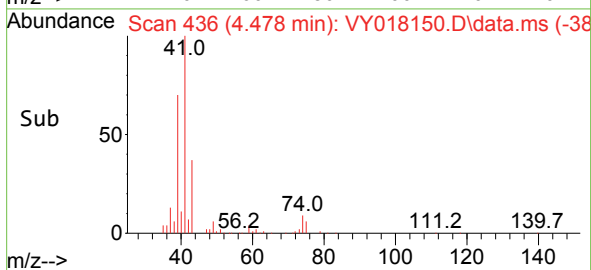
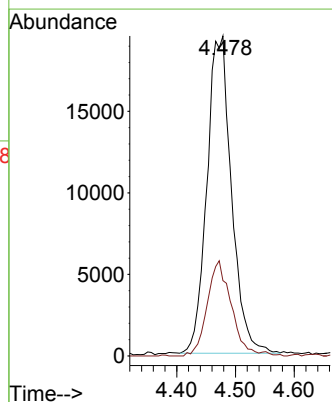
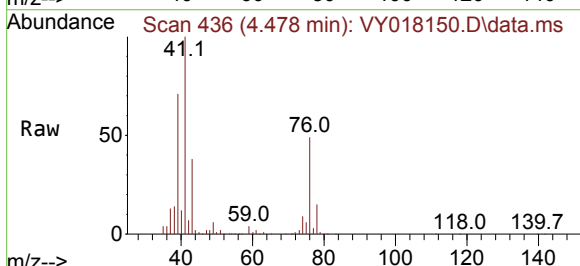
Acq: 03 May 2024 18:07

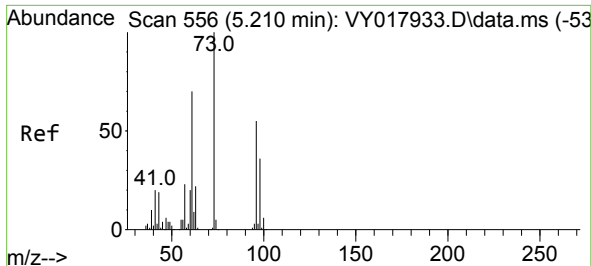
Tgt Ion: 43 Resp: 56583

Ion Ratio Lower Upper

43 100

74 29.0 23.3 34.9

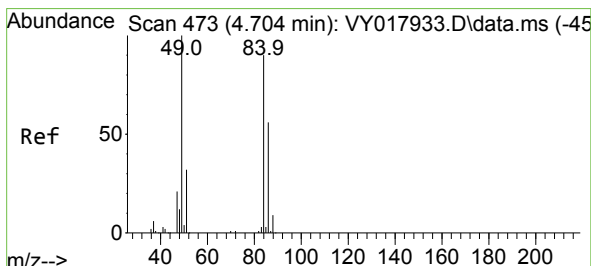
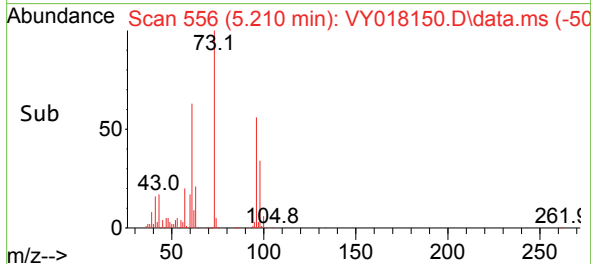
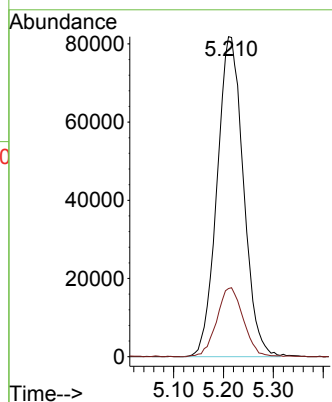
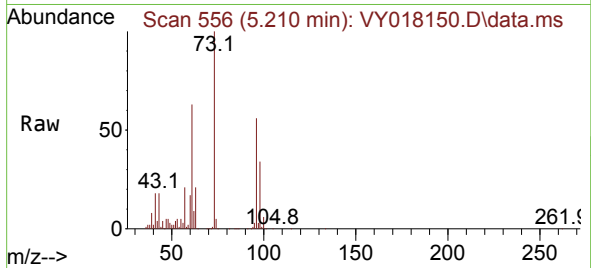




#19
Methyl tert-butyl Ether
Concen: 56.267 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

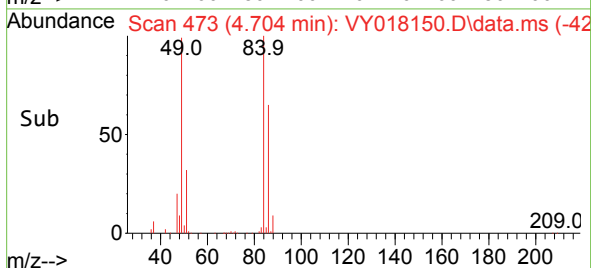
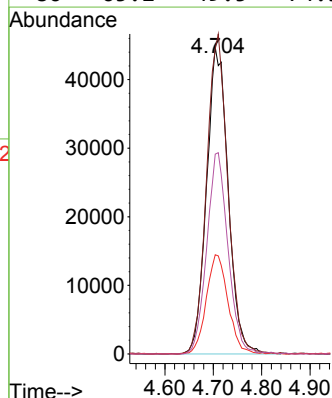
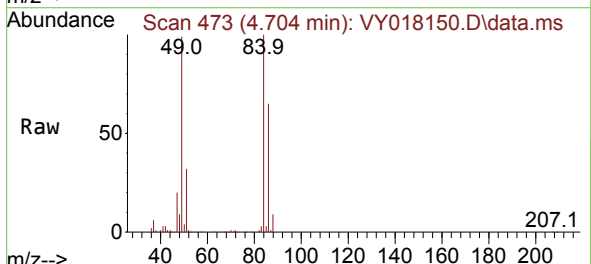
Instrument :
MSVOA_Y
ClientSampleId :

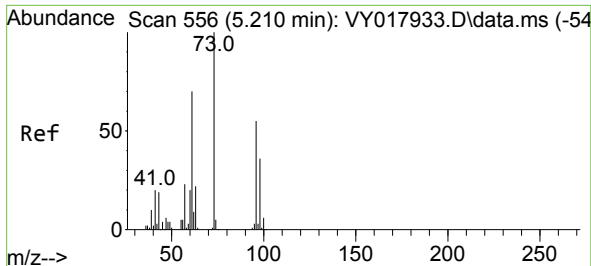
Tgt Ion: 73 Resp: 300049
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 54.255 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

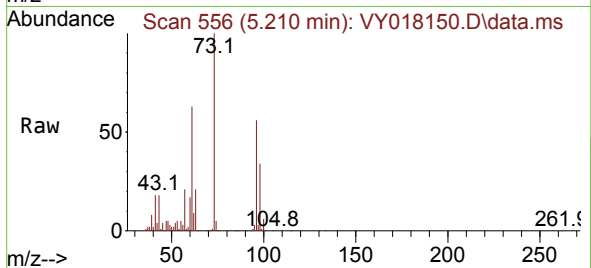
Tgt Ion: 84 Resp: 138768
Ion Ratio Lower Upper
84 100
49 99.3 84.4 126.6
51 32.4 26.0 39.0
86 65.2 49.5 74.3



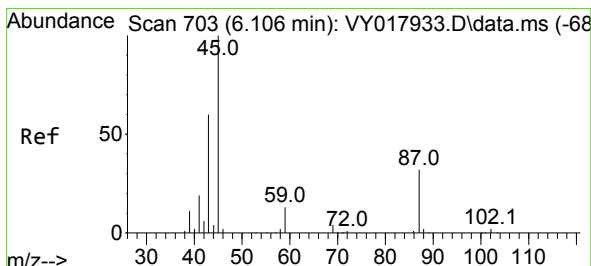
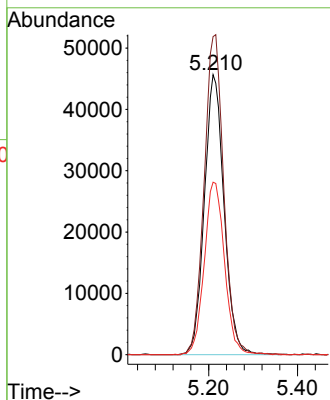
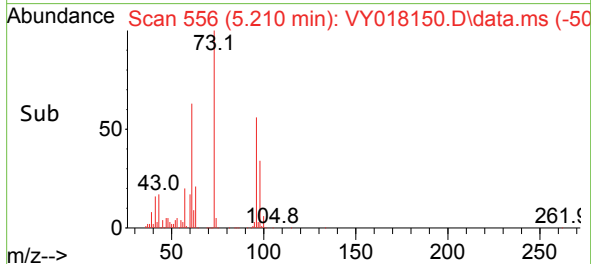


#21
trans-1,2-Dichloroethene
Concen: 56.886 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

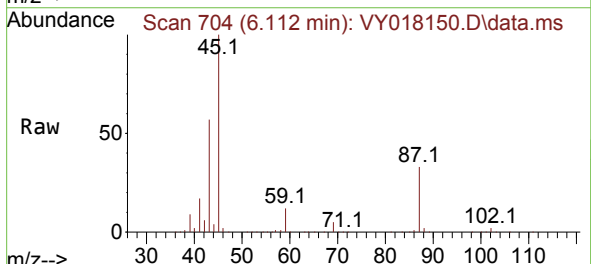
Instrument :
MSVOA_Y
ClientSampleId :



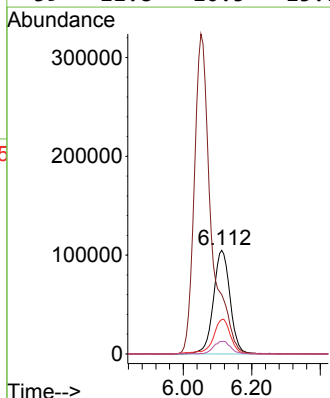
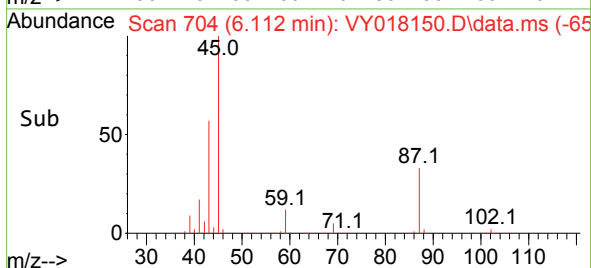
Tgt Ion: 96 Resp: 140532
Ion Ratio Lower Upper
96 100
61 113.6 97.5 146.3
98 61.6 50.5 75.7

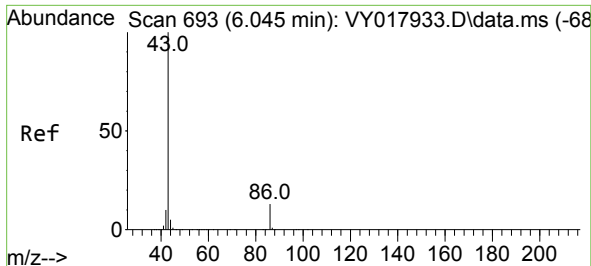


#22
Diisopropyl ether
Concen: 55.667 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07



Tgt Ion: 45 Resp: 352263
Ion Ratio Lower Upper
45 100
43 56.9 42.2 63.2
87 33.2 25.0 37.6
59 11.8 10.5 15.7

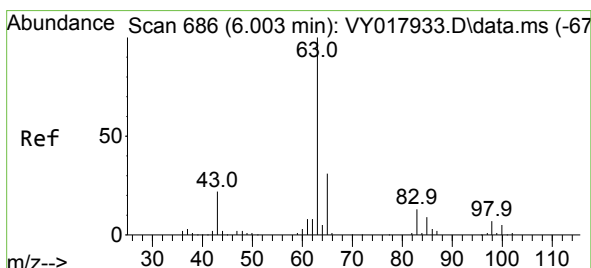
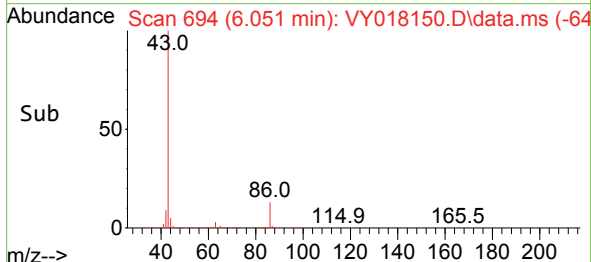
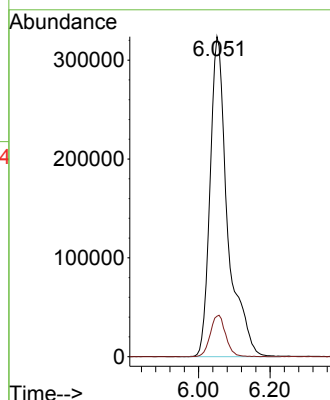
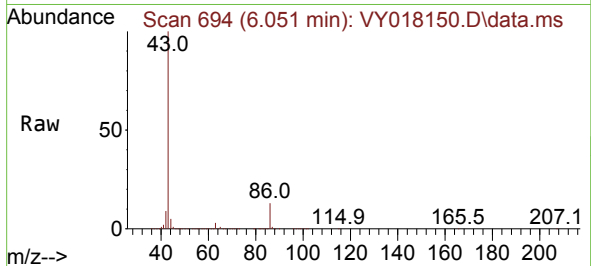




#23
 Vinyl Acetate
 Concen: 274.532 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VY018150.D
 Acq: 03 May 2024 18:07

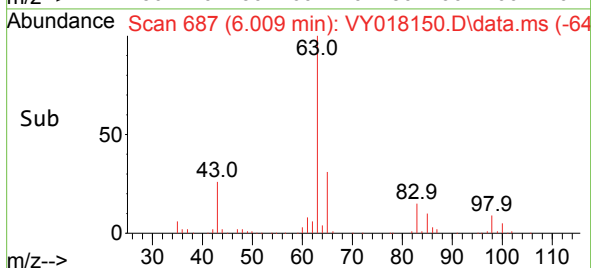
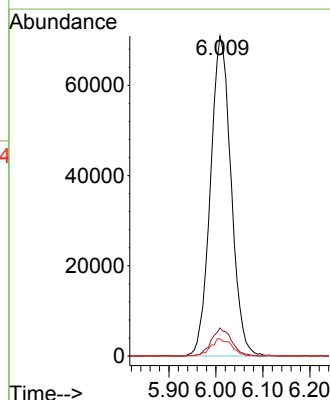
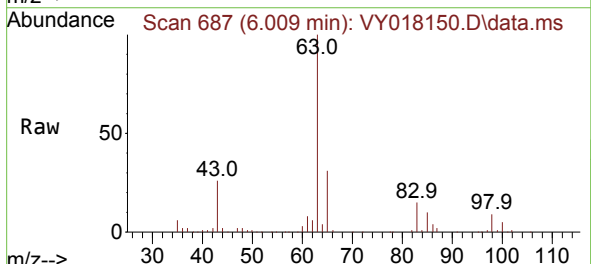
Instrument :
 MSVOA_Y
 ClientSampleId :

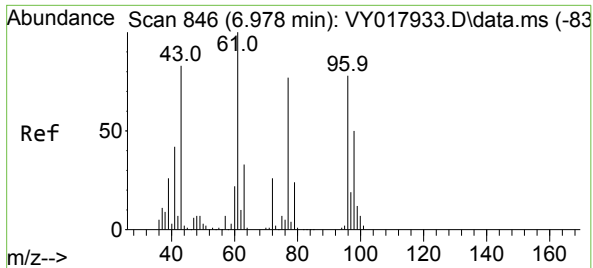
Tgt Ion: 43 Resp: 1101842
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 56.554 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY018150.D
 Acq: 03 May 2024 18:07

Tgt Ion: 63 Resp: 216097
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 12.2
 100 5.4 2.6 8.0

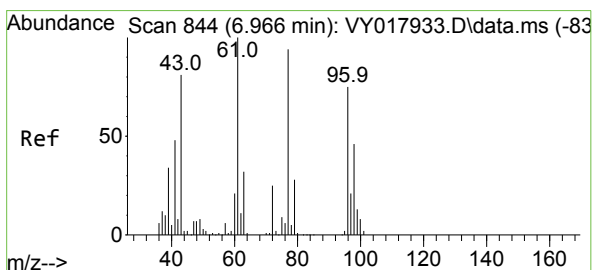
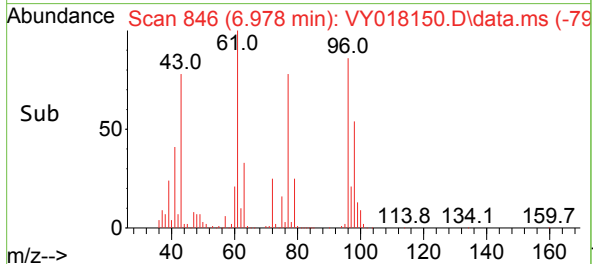
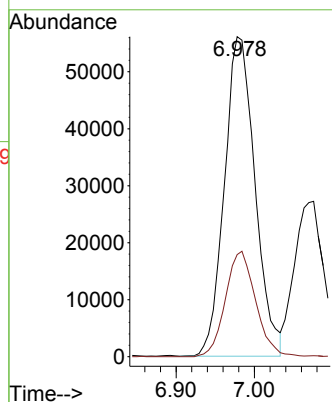
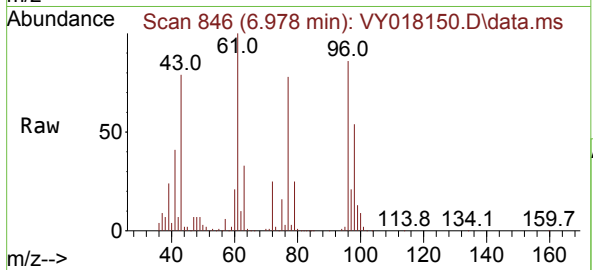




#25
2-Butanone
Concen: 268.425 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

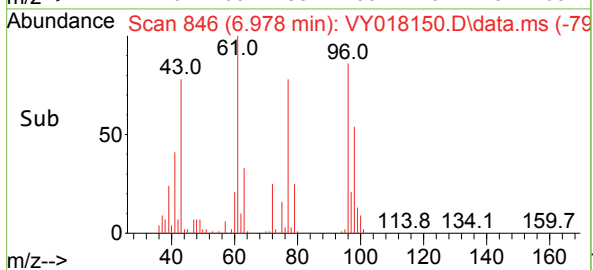
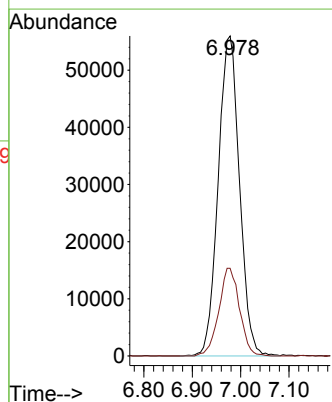
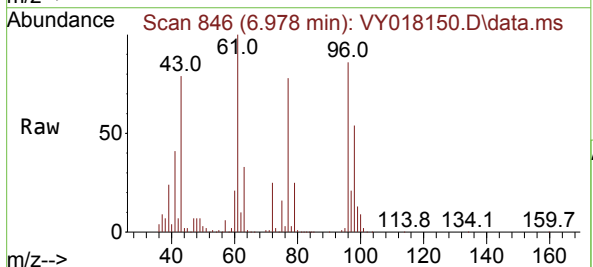
Instrument :
MSVOA_Y
ClientSampleId :

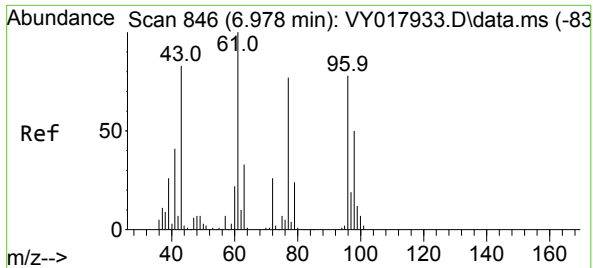
Tgt Ion: 43 Resp: 152425
Ion Ratio Lower Upper
43 100
72 32.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 47.867 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

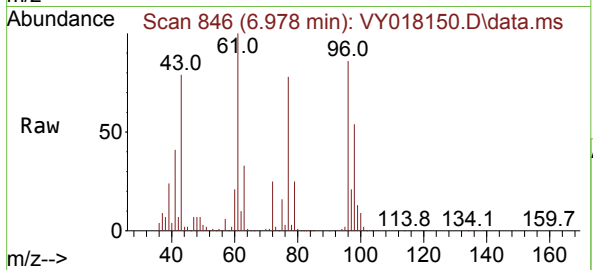
Tgt Ion: 77 Resp: 171056
Ion Ratio Lower Upper
77 100
97 26.7 12.0 36.1



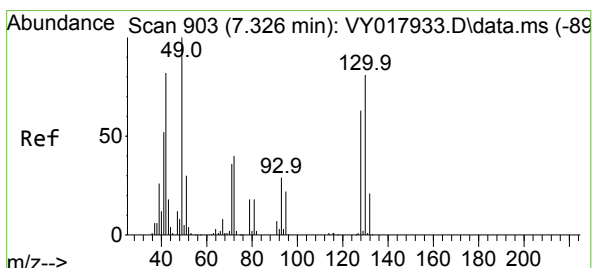
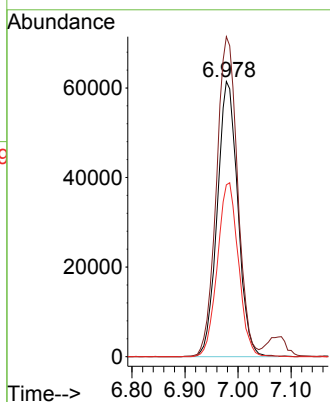
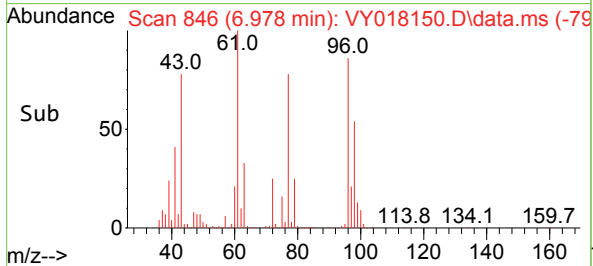


#27
 cis-1,2-Dichloroethene
 Concen: 56.112 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY018150.D
 Acq: 03 May 2024 18:07

Instrument :
 MSVOA_Y
 ClientSampleId :

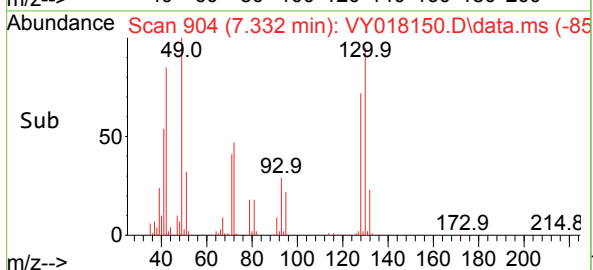
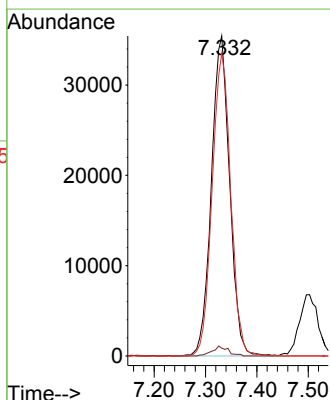
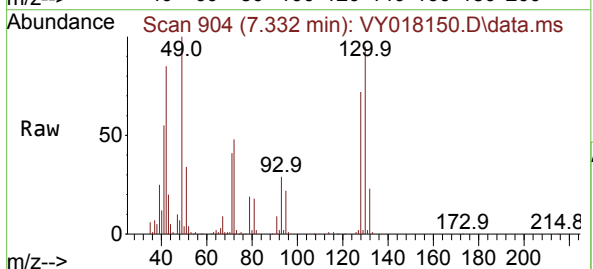


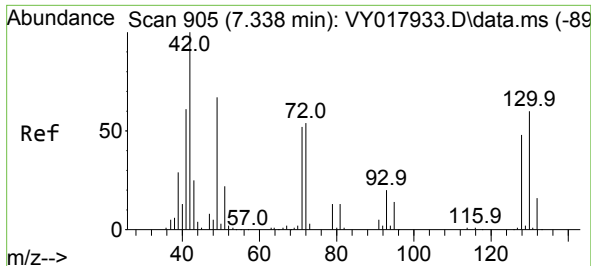
Tgt Ion:	96	Resp:	165312
Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	256.2
98	64.7	0.0	130.0



#28
 Bromochloromethane
 Concen: 56.714 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY018150.D
 Acq: 03 May 2024 18:07

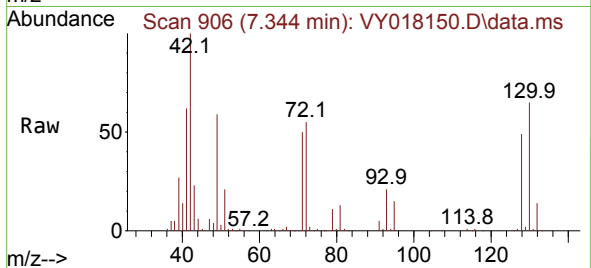
Tgt Ion:	49	Resp:	87578
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	95.9	72.7	109.1



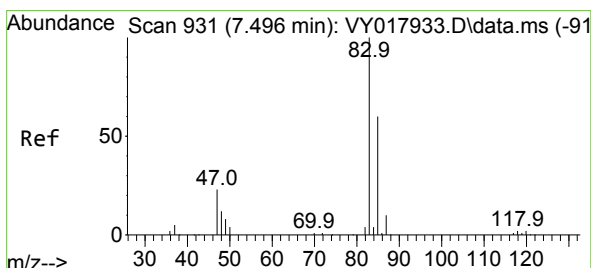
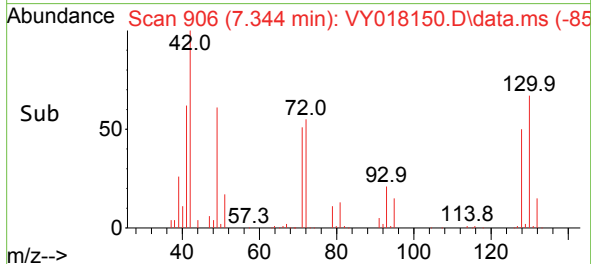
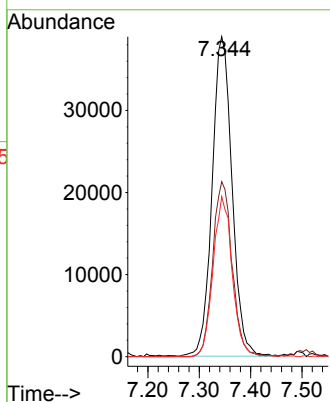


#29
Tetrahydrofuran
Concen: 290.468 ug/l
RT: 7.344 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

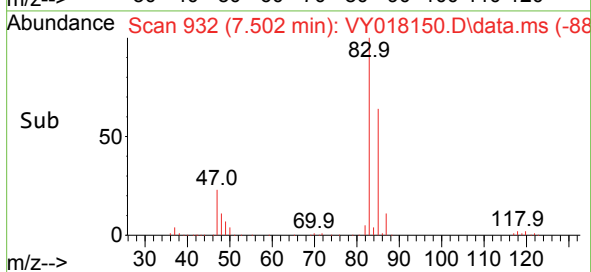
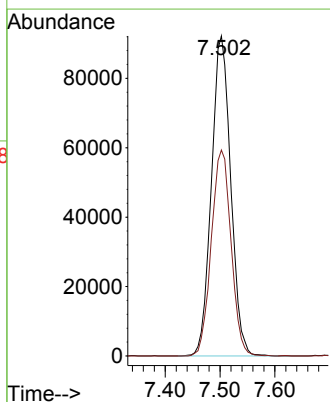
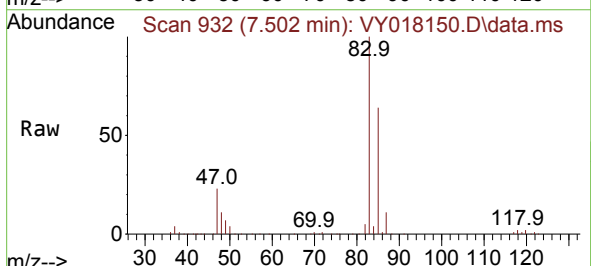


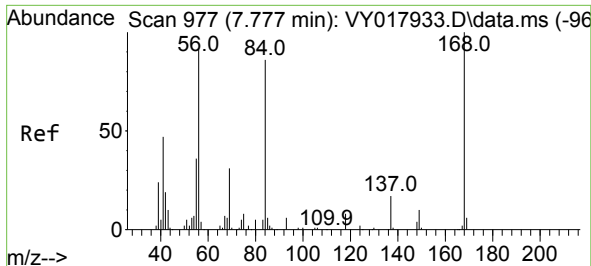
Tgt Ion: 42 Resp: 104858
Ion Ratio Lower Upper
42 100
72 53.4 43.0 64.4
71 48.2 40.8 61.2



#30
Chloroform
Concen: 55.758 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

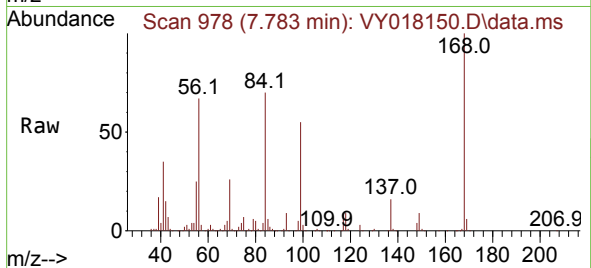
Tgt Ion: 83 Resp: 225454
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4



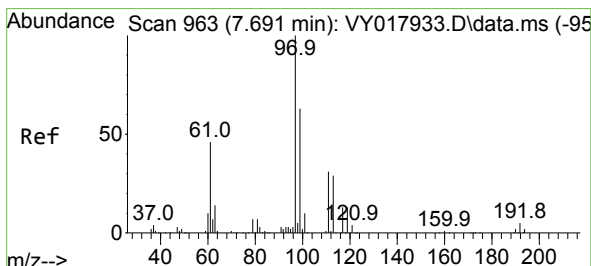
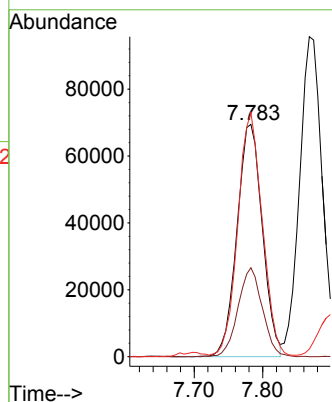
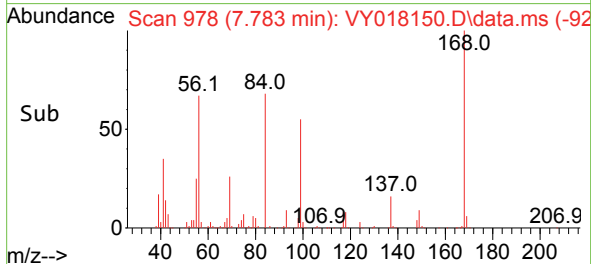


#31
Cyclohexane
Concen: 48.731 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

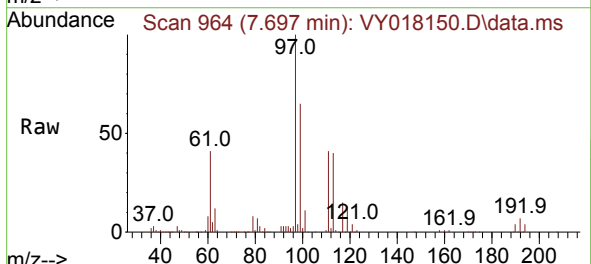
Instrument :
MSVOA_Y
ClientSampleId :



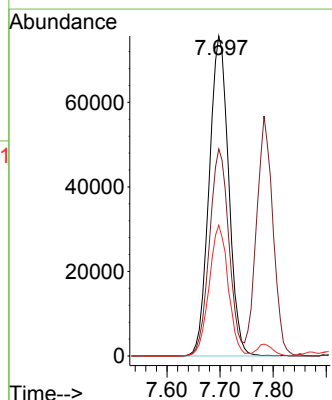
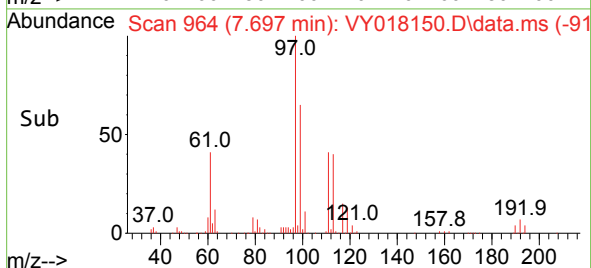
Tgt Ion: 56 Resp: 178904
Ion Ratio Lower Upper
56 100
69 38.3 28.7 43.1
84 103.4 77.7 116.5

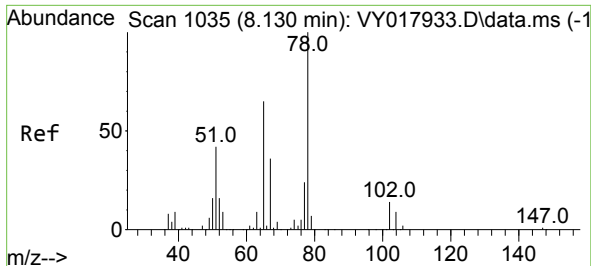


#32
1,1,1-Trichloroethane
Concen: 52.317 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07



Tgt Ion: 97 Resp: 193082
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 40.2 32.6 48.8

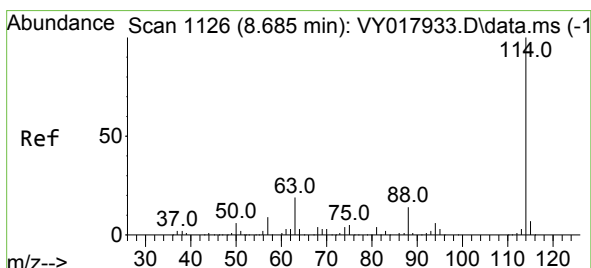
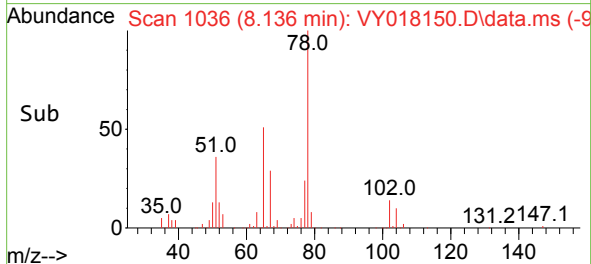
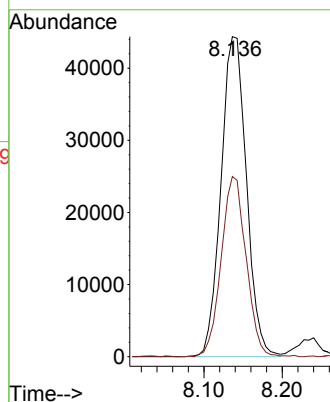
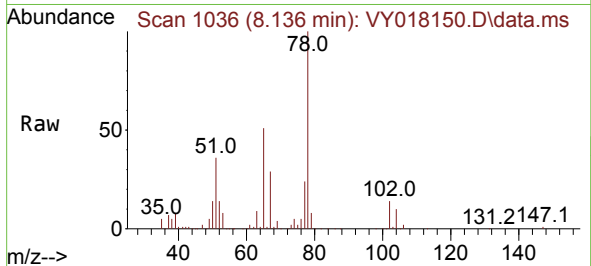




#33
1,2-Dichloroethane-d4
Concen: 52.322 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

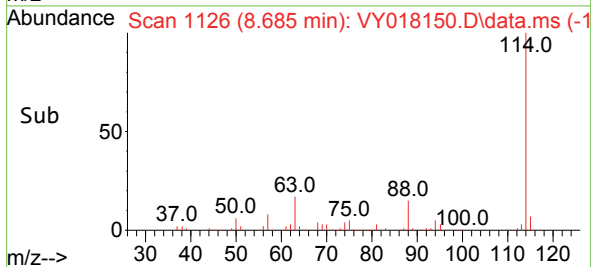
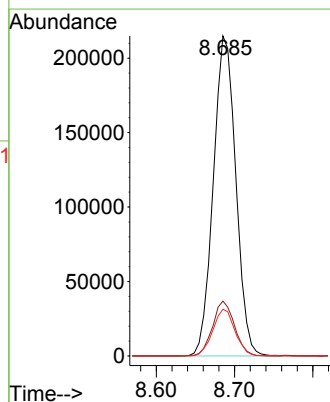
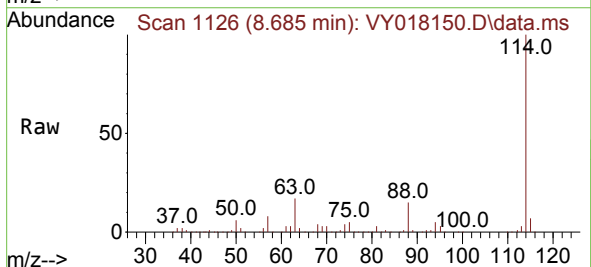
Instrument :
MSVOA_Y
ClientSampleId :

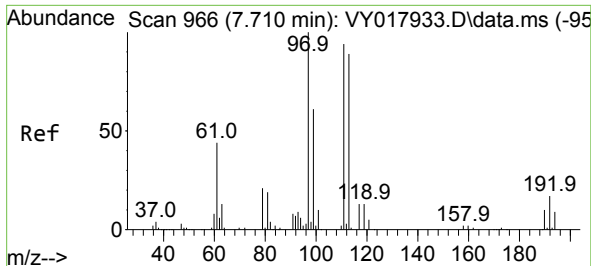
Tgt Ion: 65 Resp: 100248
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

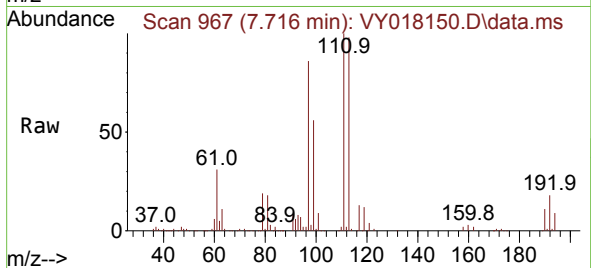
Tgt Ion:114 Resp: 428704
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 14.6 0.0 27.2



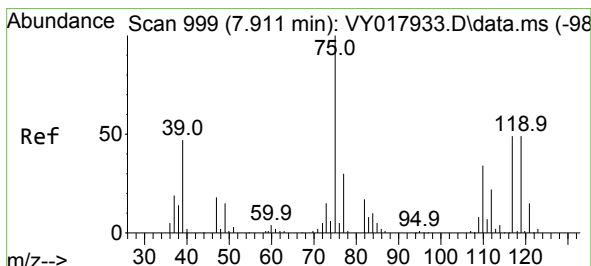
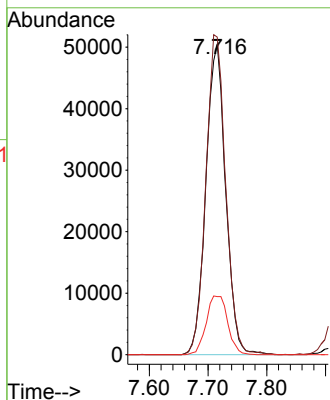
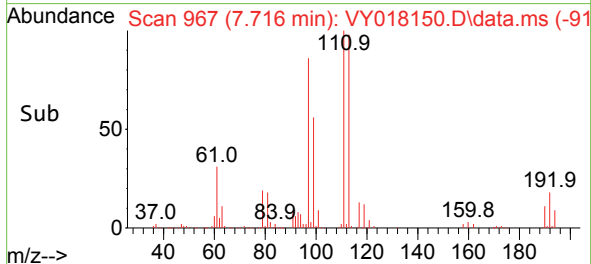


#35
Dibromofluoromethane
Concen: 47.833 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

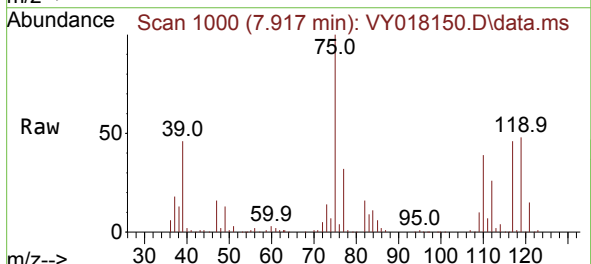
Instrument :
MSVOA_Y
ClientSampleId :



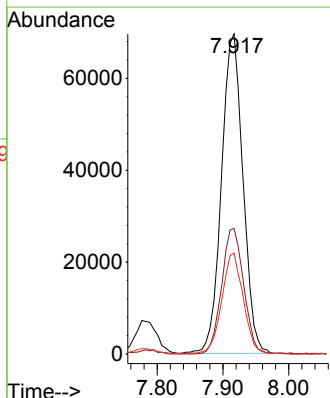
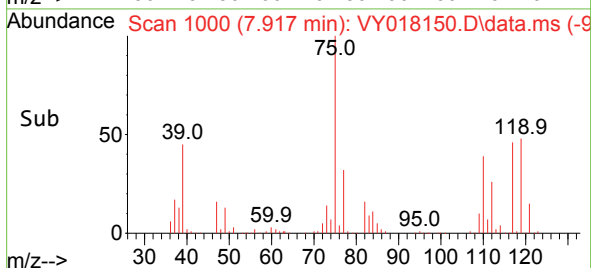
Tgt Ion:113 Resp: 117843
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 20.5 15.9 23.9

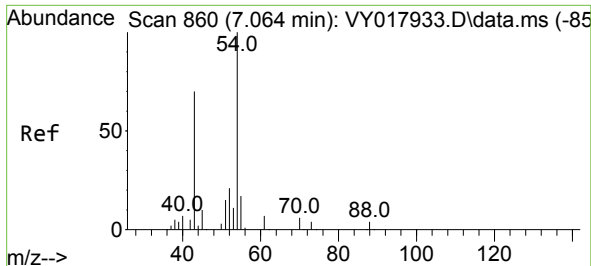


#36
1,1-Dichloropropene
Concen: 48.121 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07



Tgt Ion: 75 Resp: 158251
Ion Ratio Lower Upper
75 100
110 40.3 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 51.973 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

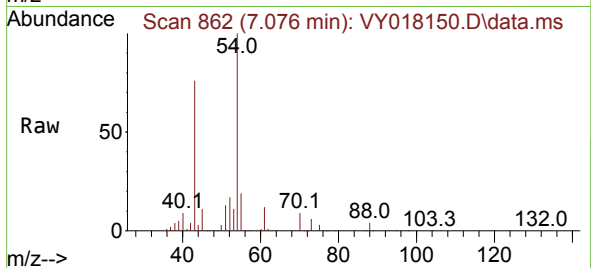
Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :



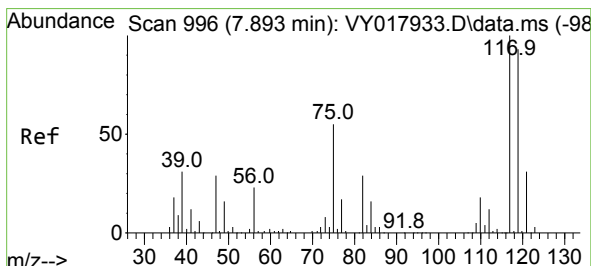
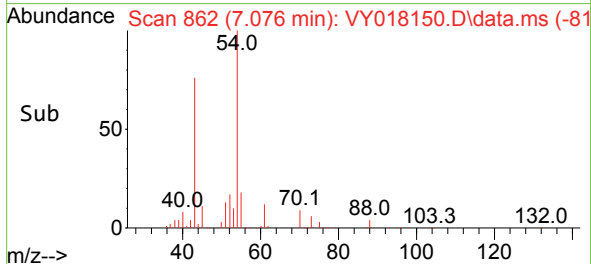
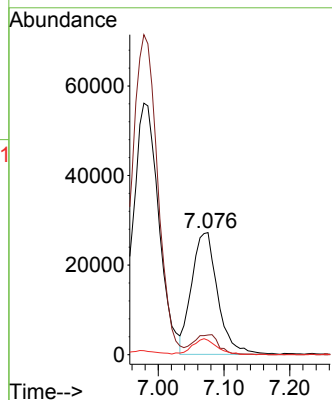
Tgt Ion: 43 Resp: 74379

Ion	Ratio	Lower	Upper
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43	100		
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61	15.7	12.6	19.0
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70	11.8	7.8	11.8
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#38

Carbon Tetrachloride

Concen: 45.612 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

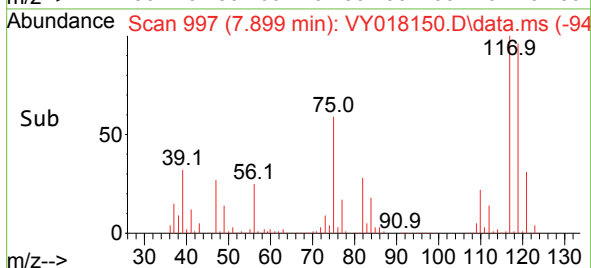
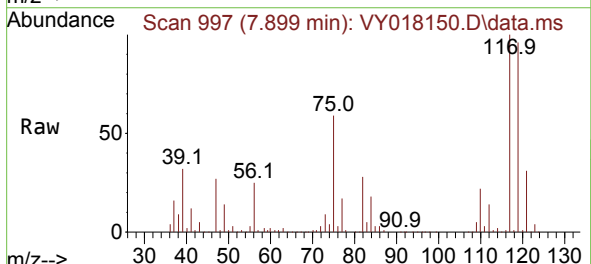
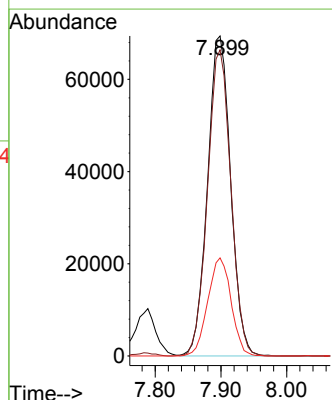
Tgt Ion: 117 Resp: 170254

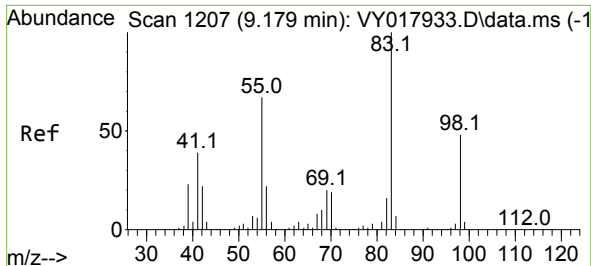
Ion	Ratio	Lower	Upper
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117	100		
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119	95.6	75.8	113.6
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121	30.7	24.0	36.0
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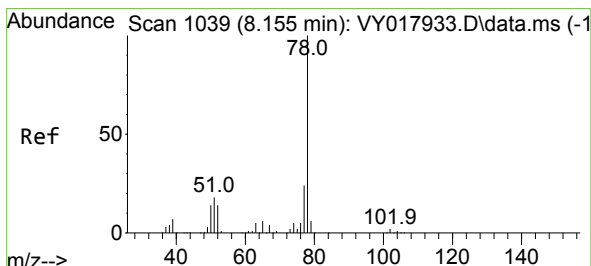
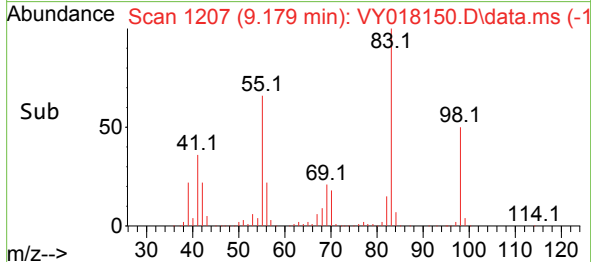
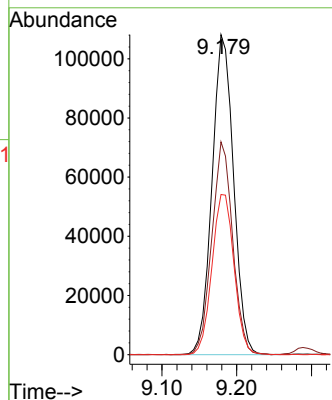
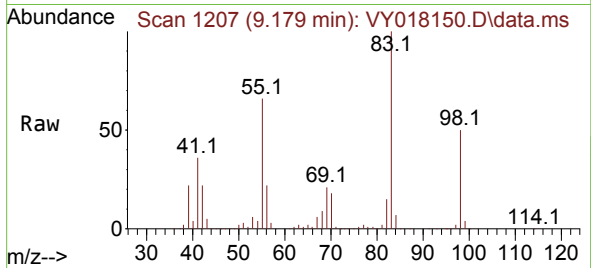




#39
Methylcyclohexane
Concen: 44.715 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

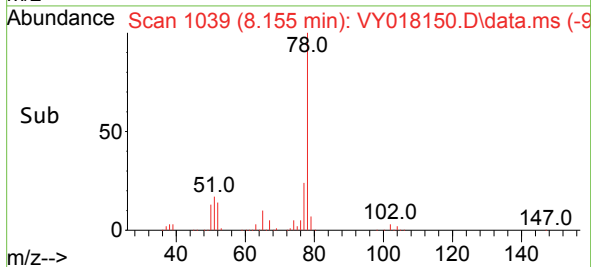
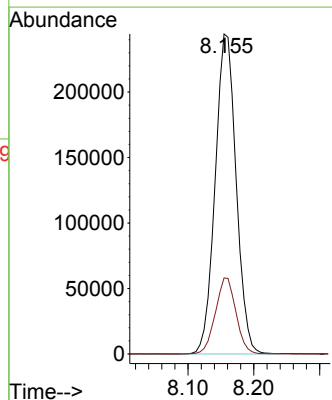
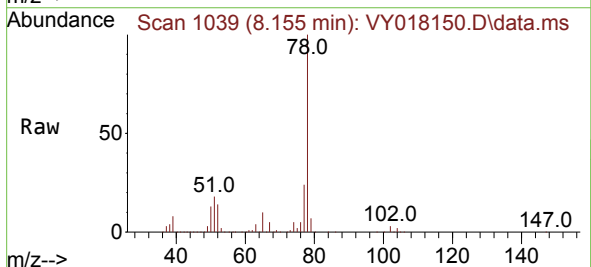
Instrument :
MSVOA_Y
ClientSampleId :

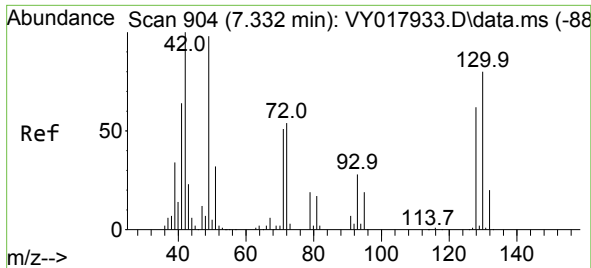
Tgt Ion: 83 Resp: 215982
Ion Ratio Lower Upper
83 100
55 66.4 51.5 77.3
98 50.0 40.5 60.7



#40
Benzene
Concen: 51.353 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

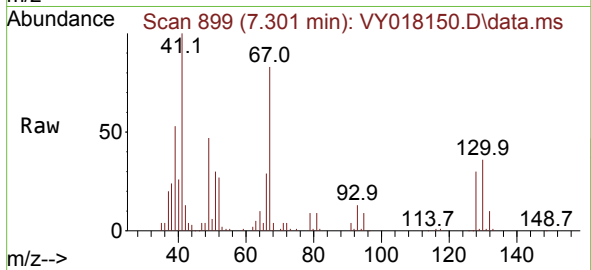
Tgt Ion: 78 Resp: 542660
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3



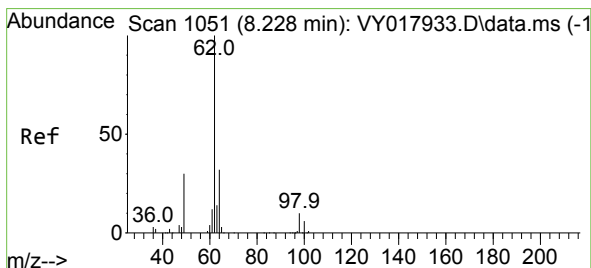
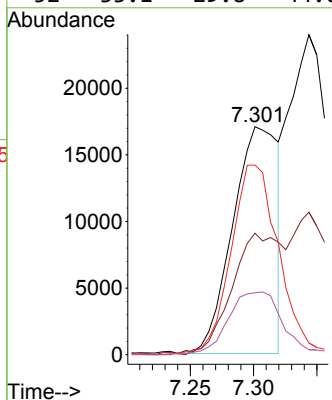
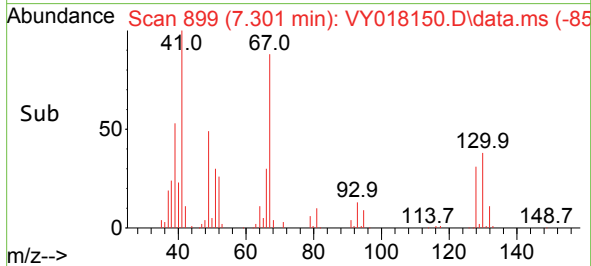


#41
Methacrylonitrile
Concen: 50.187 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.031 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

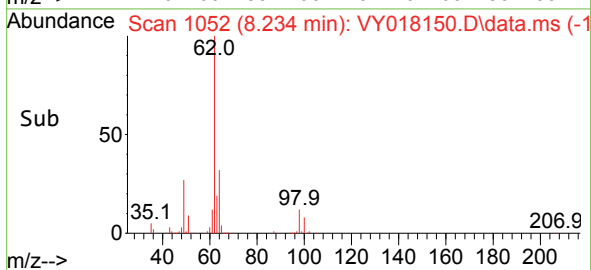
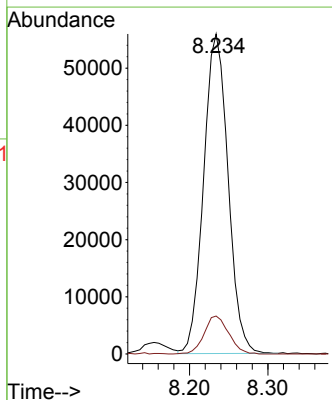
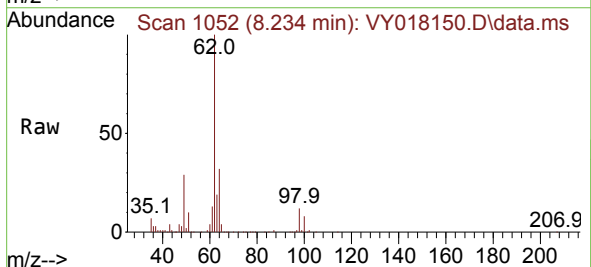


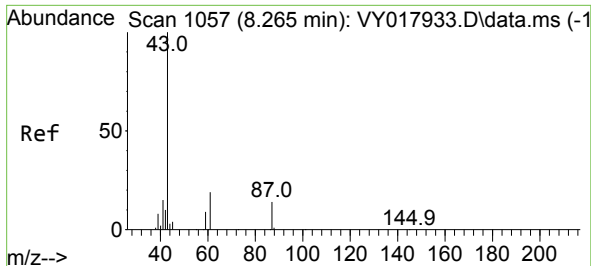
Tgt Ion:	41	Resp:	42356
Ion	Ratio	Lower	Upper
41	100		
39	60.8	48.0	72.0
67	88.8	75.1	112.7
52	33.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 49.511 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion:	62	Resp:	121212
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.0

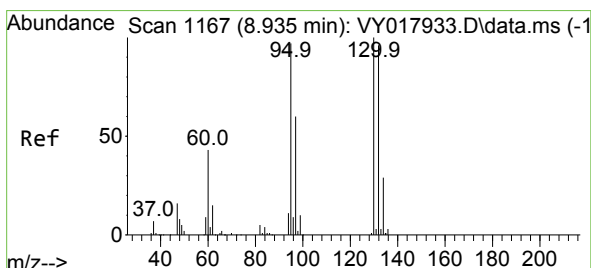
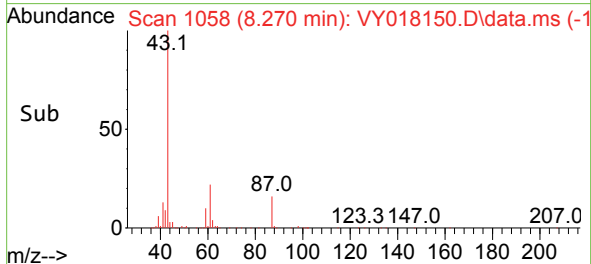
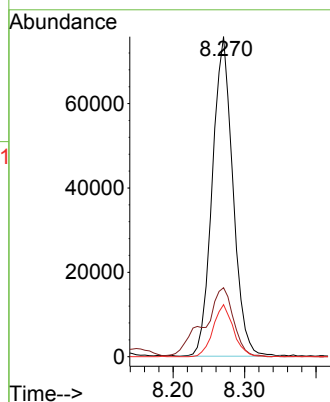
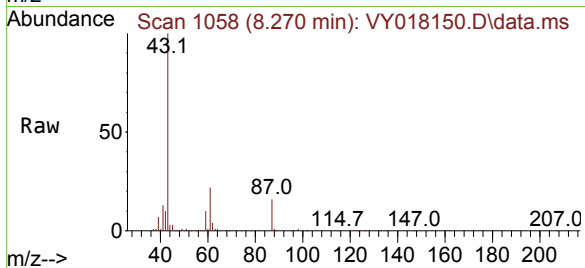




#43
Isopropyl Acetate
Concen: 50.319 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

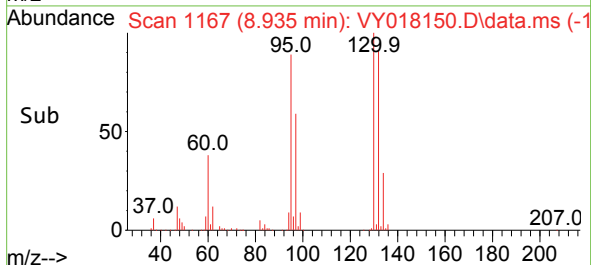
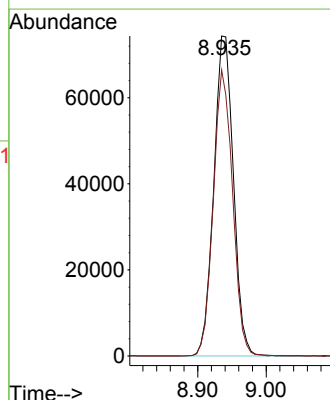
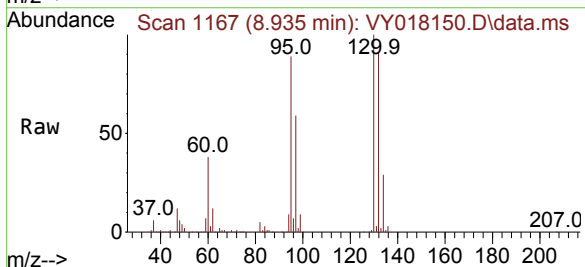
Instrument :
MSVOA_Y
ClientSampleId :

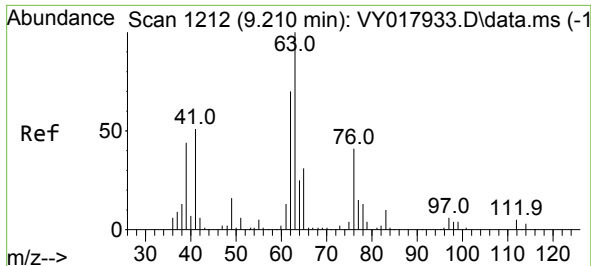
Tgt Ion: 43 Resp: 151291
Ion Ratio Lower Upper
43 100
61 31.2 27.9 41.9
87 16.1 13.1 19.7



#44
Trichloroethene
Concen: 49.242 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion:130 Resp: 147567
Ion Ratio Lower Upper
130 100
95 89.4 0.0 188.0

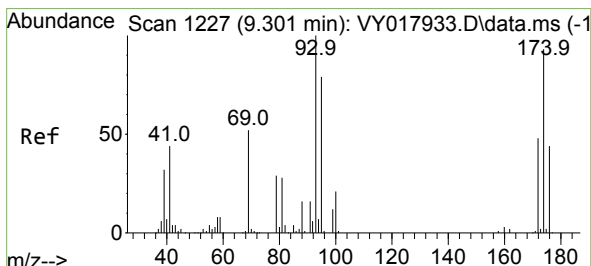
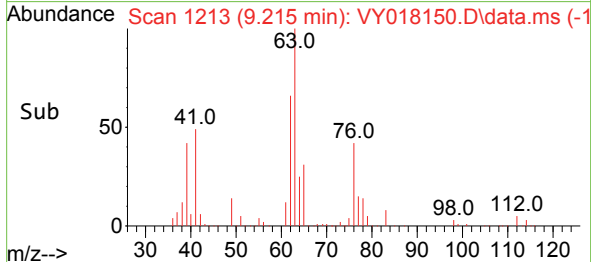
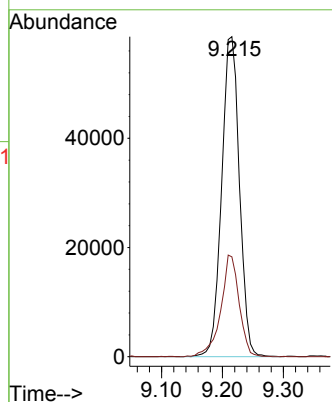
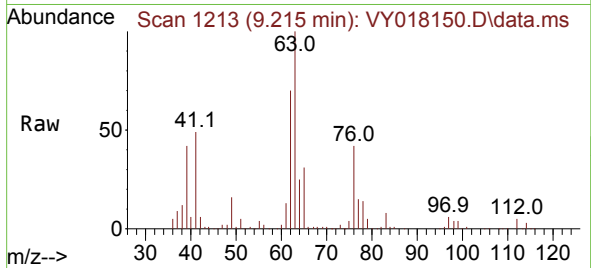




#45
1,2-Dichloropropane
Concen: 51.410 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

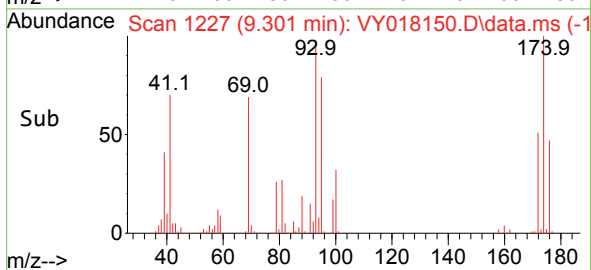
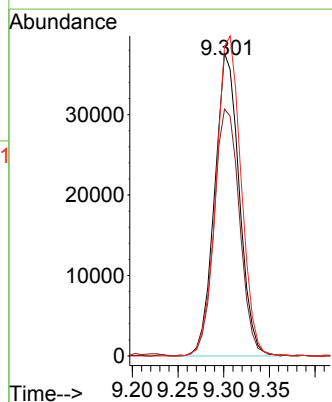
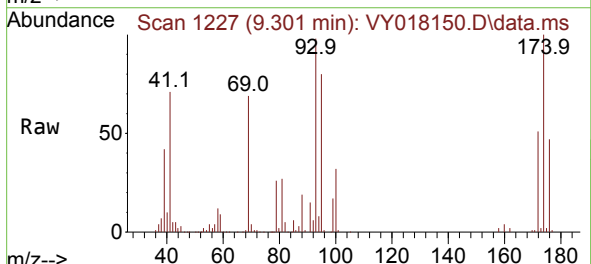
Instrument :
MSVOA_Y
ClientSampleId :

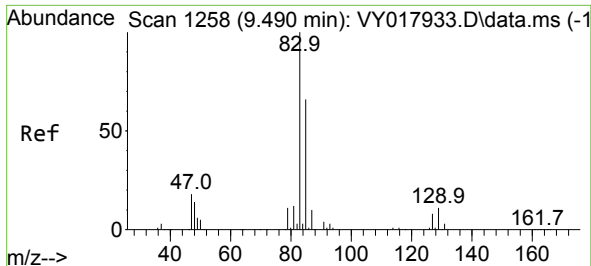
Tgt Ion: 63 Resp: 118531
Ion Ratio Lower Upper
63 100
65 31.2 25.4 38.2



#46
Dibromomethane
Concen: 50.177 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 93 Resp: 70337
Ion Ratio Lower Upper
93 100
95 84.6 66.2 99.4
174 107.9 80.9 121.3

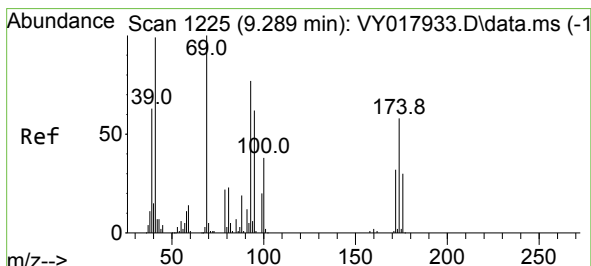
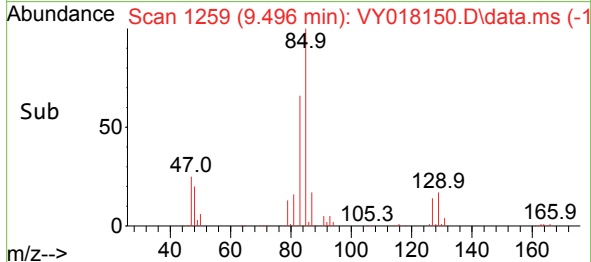
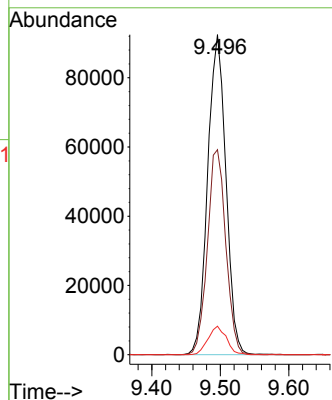
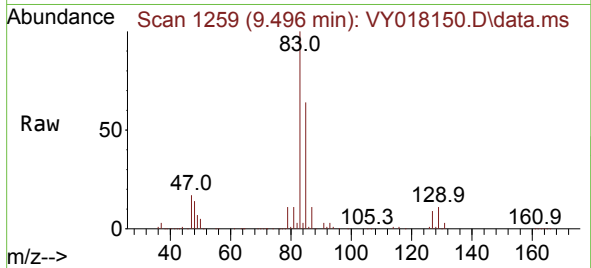




#47
Bromodichloromethane
Concen: 49.620 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

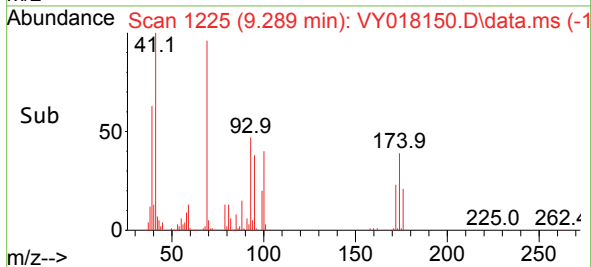
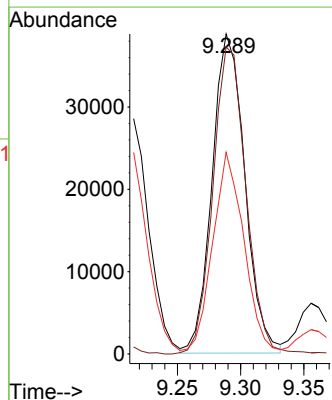
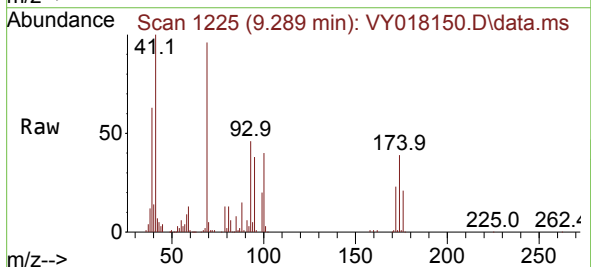
Instrument :
MSVOA_Y
ClientSampleId :

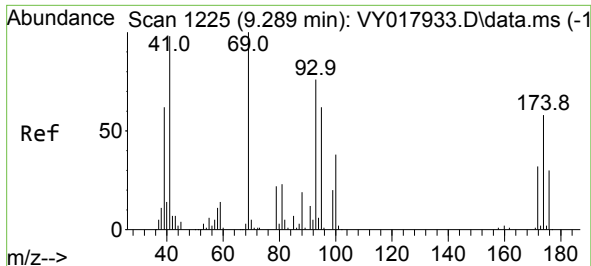
Tgt Ion: 83 Resp: 170760
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 50.694 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

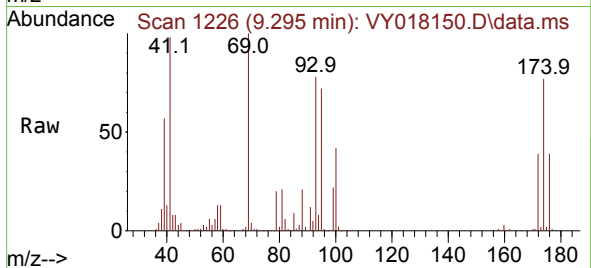
Tgt Ion: 41 Resp: 69770
Ion Ratio Lower Upper
41 100
69 97.6 84.1 126.1
39 58.2 43.6 65.4



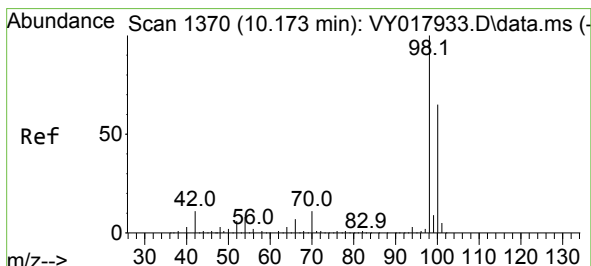
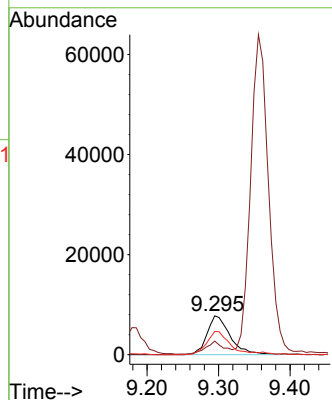
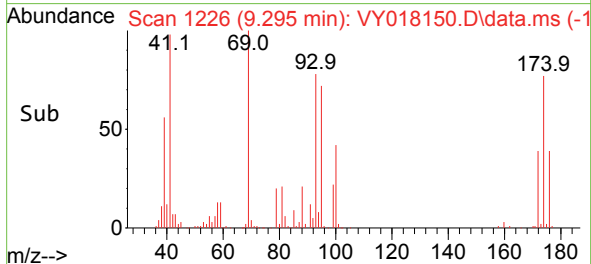


#49
1,4-Dioxane
Concen: 1121.389 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

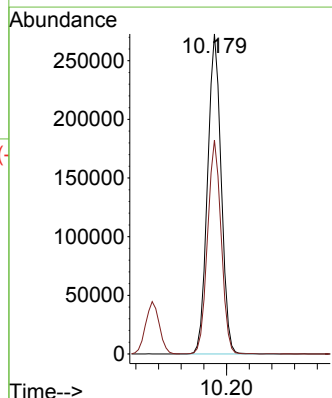
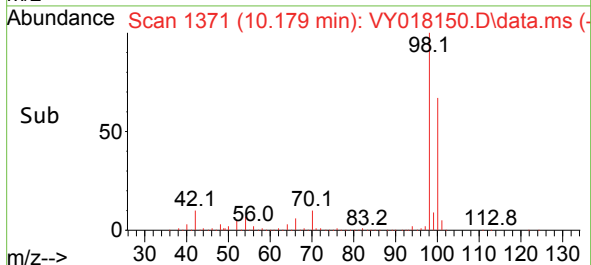
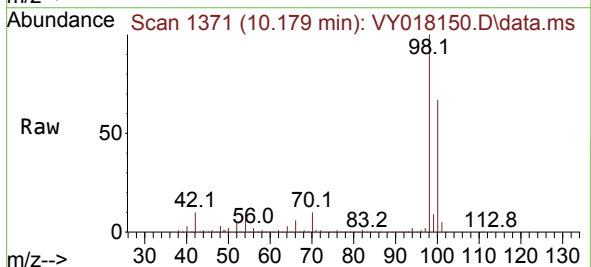


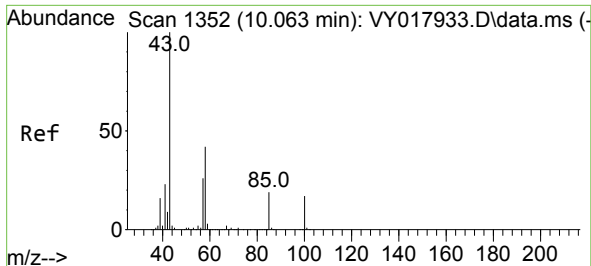
Tgt Ion: 88 Resp: 17440
Ion Ratio Lower Upper
88 100
43 25.6 0.0 0.0#
58 61.9 49.3 73.9



#50
Toluene-d8
Concen: 47.221 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 98 Resp: 454169
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0

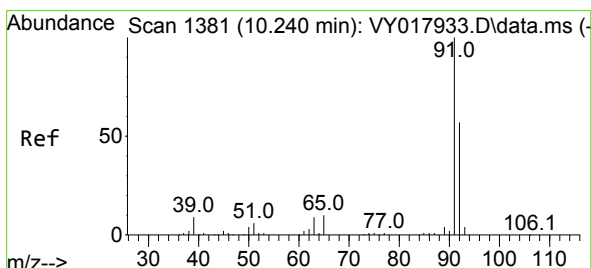
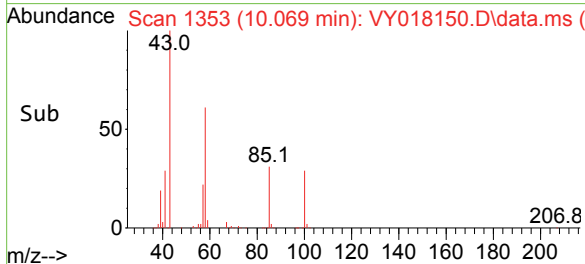
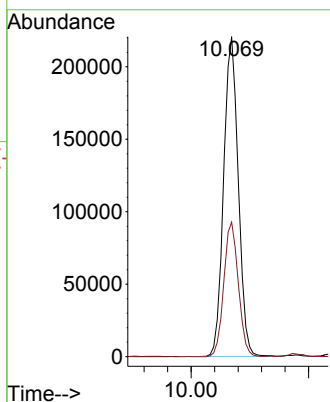
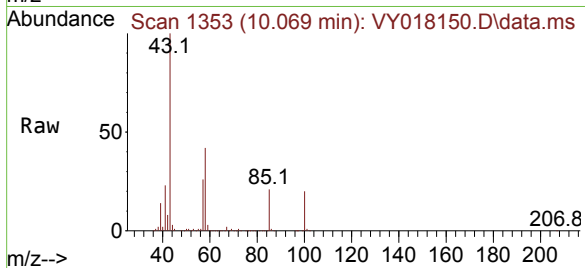




#51
4-Methyl-2-Pentanone
Concen: 260.170 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

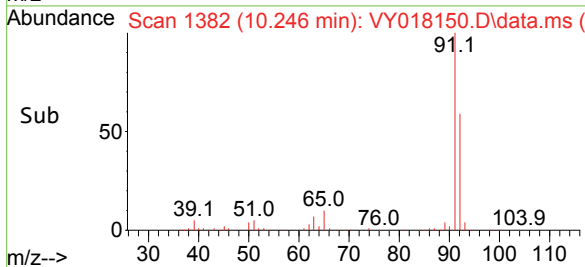
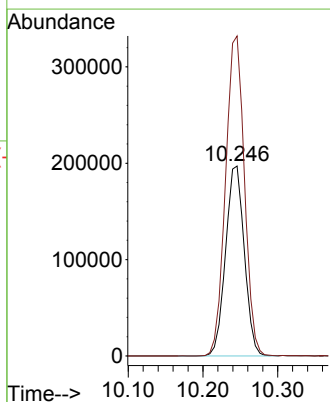
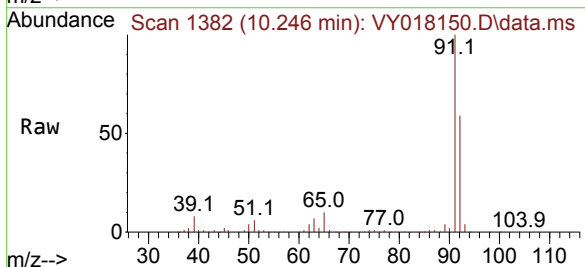
Instrument :
MSVOA_Y
ClientSampleId :

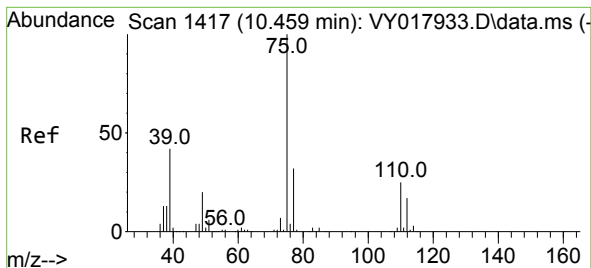
Tgt Ion: 43 Resp: 382049
Ion Ratio Lower Upper
43 100
58 41.7 35.7 53.5



#52
Toluene
Concen: 49.155 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 92 Resp: 343775
Ion Ratio Lower Upper
92 100
91 170.0 139.0 208.6

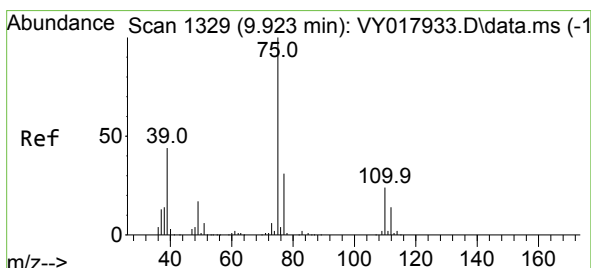
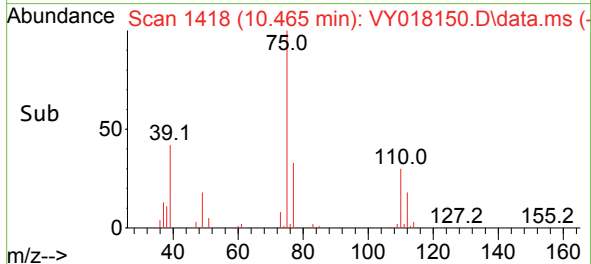
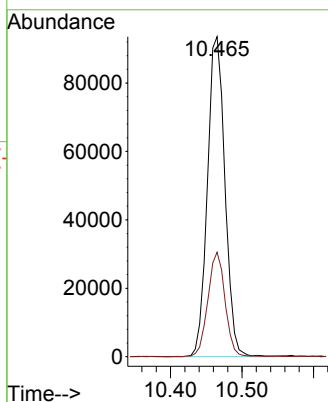
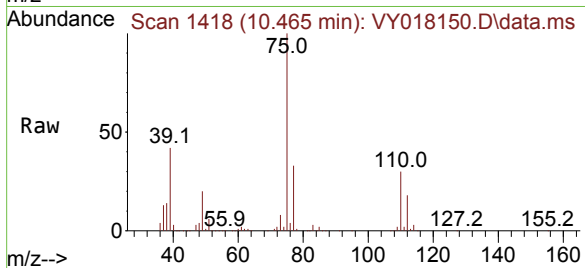




#53
t-1,3-Dichloropropene
Concen: 47.884 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

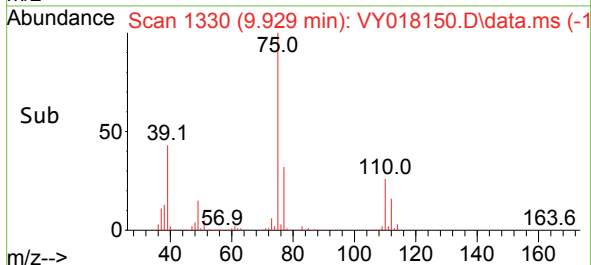
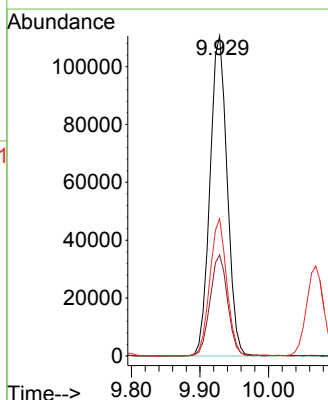
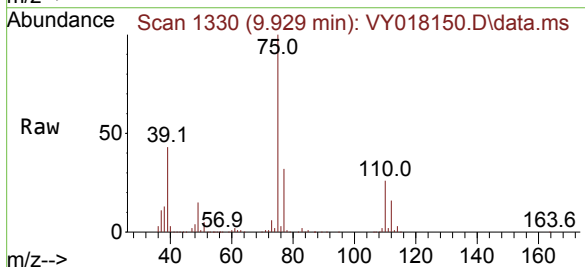
Instrument :
MSVOA_Y
ClientSampleId :

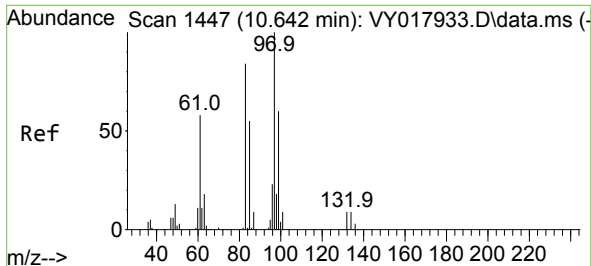
Tgt Ion: 75 Resp: 159220
Ion Ratio Lower Upper
75 100
77 32.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 49.274 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 75 Resp: 192481
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 42.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 50.935 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

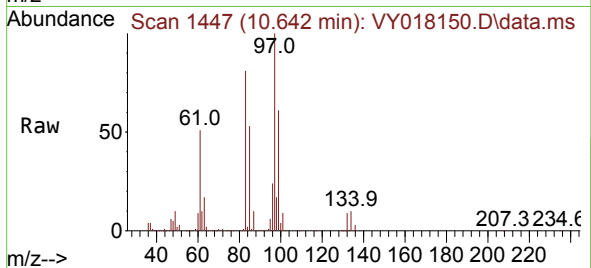
Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 96032

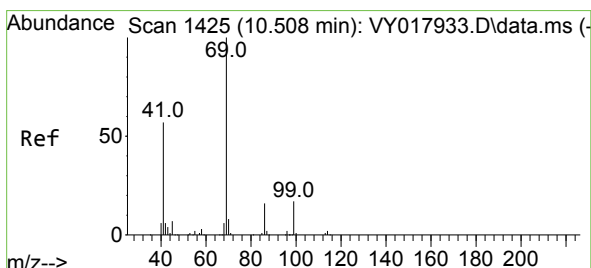
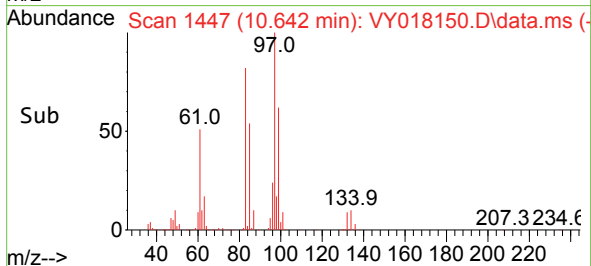
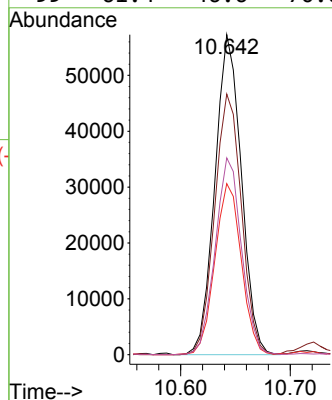
Ion Ratio Lower Upper

97 100

83 81.4 67.5 101.3

85 53.2 42.9 64.3

99 61.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.502 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

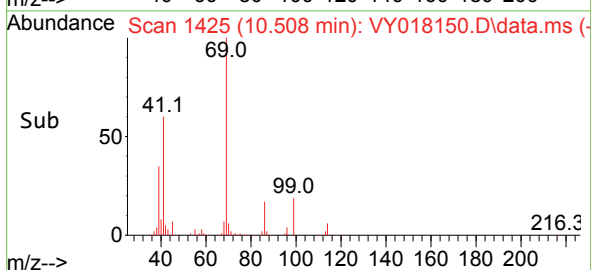
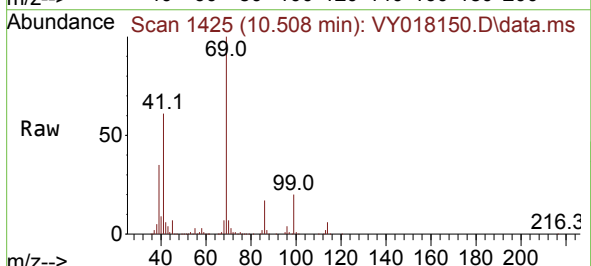
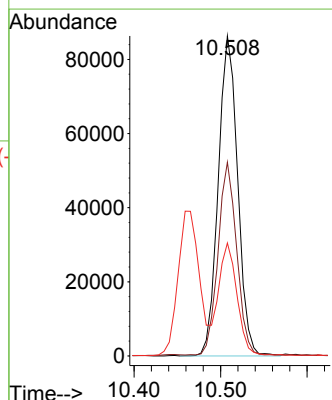
Tgt Ion: 69 Resp: 134622

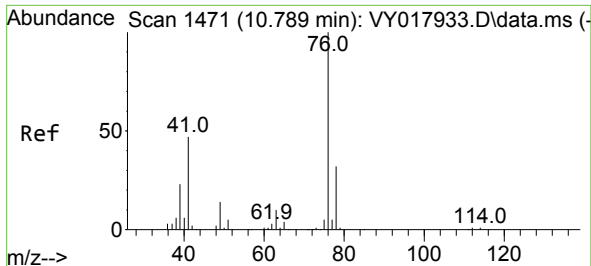
Ion Ratio Lower Upper

69 100

41 57.9 42.3 63.5

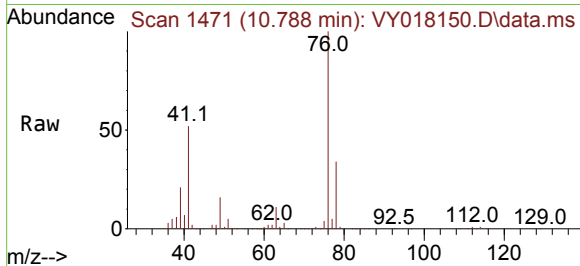
39 34.4 22.9 34.3#



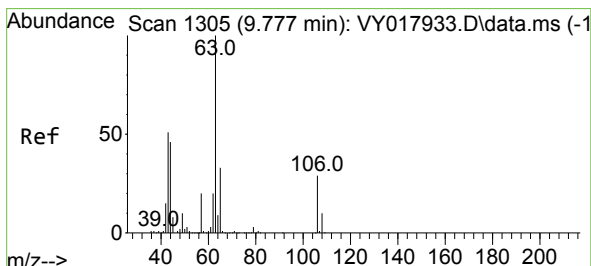
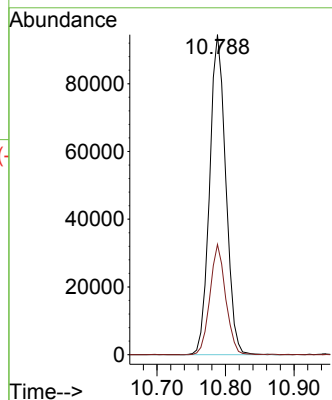
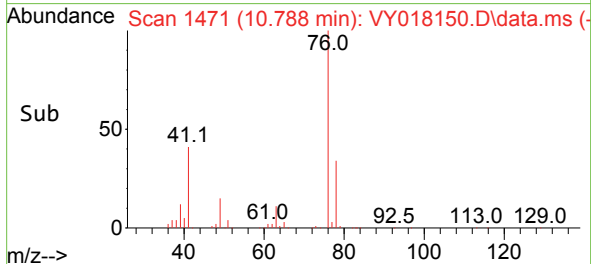


#57
1,3-Dichloropropane
Concen: 51.423 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

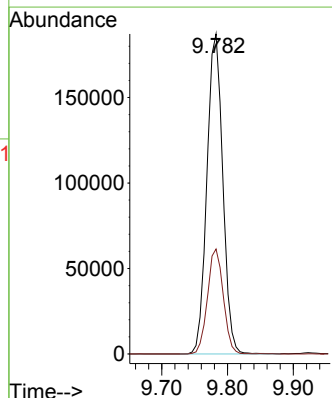
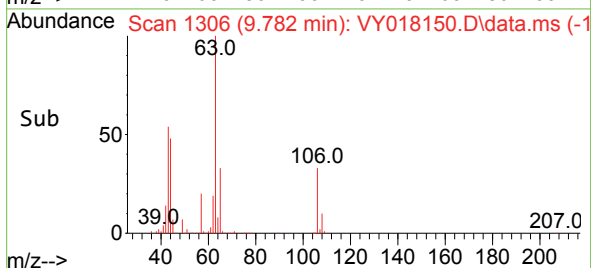
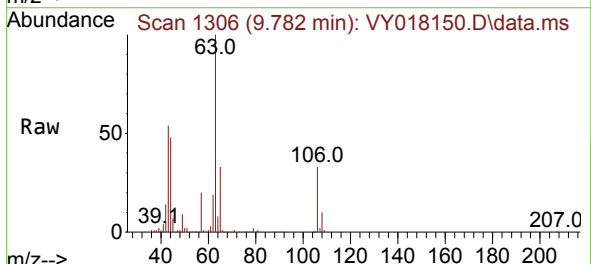


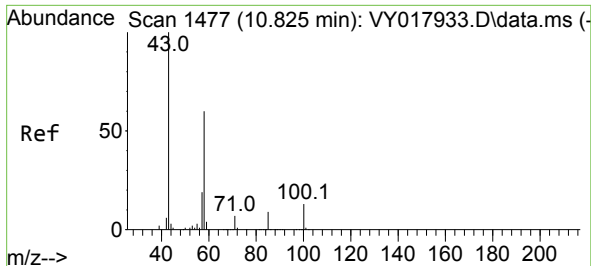
Tgt Ion: 76 Resp: 154889
Ion Ratio Lower Upper
76 100
78 33.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 252.605 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 63 Resp: 314331
Ion Ratio Lower Upper
63 100
106 32.7 23.7 35.5

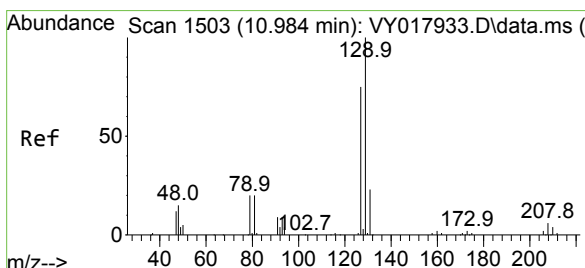
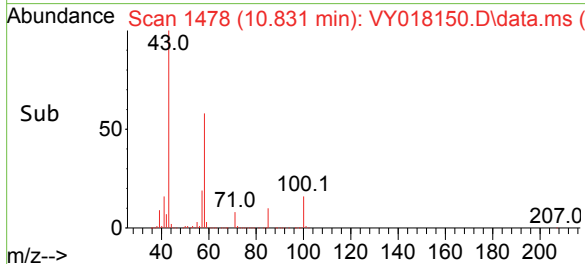
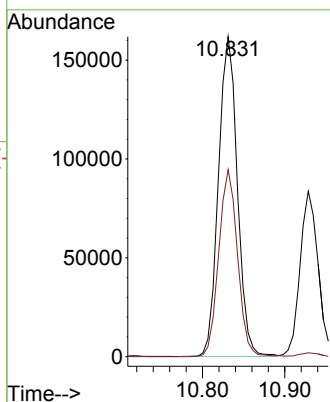
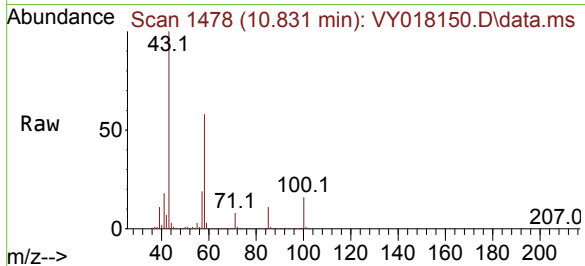




#59
2-Hexanone
Concen: 246.831 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

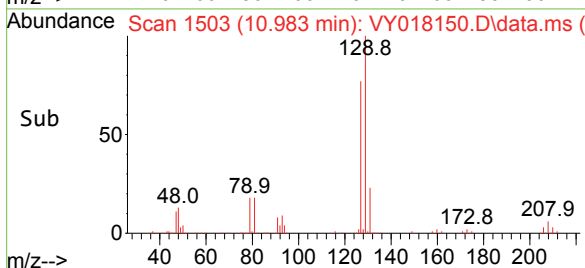
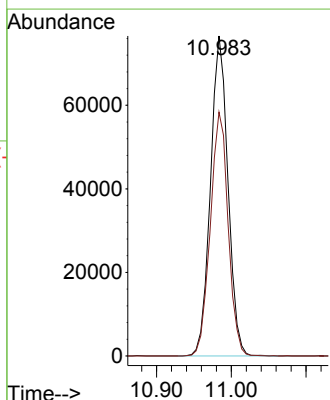
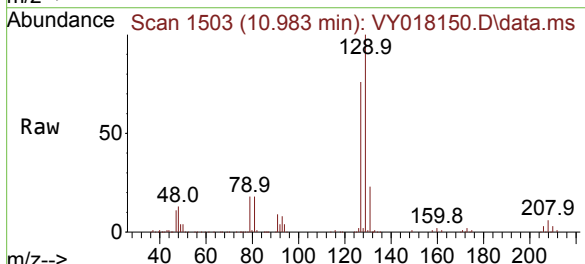
Instrument :
MSVOA_Y
ClientSampleId :

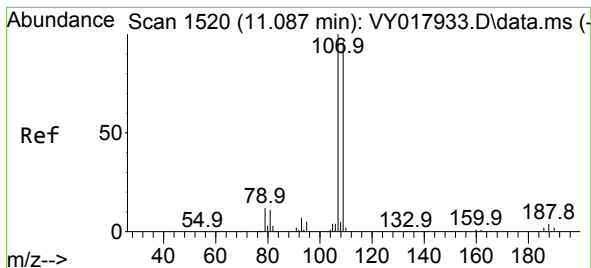
Tgt Ion: 43 Resp: 258697
Ion Ratio Lower Upper
43 100
58 58.3 31.4 94.0



#60
Dibromochloromethane
Concen: 48.692 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion:129 Resp: 124690
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

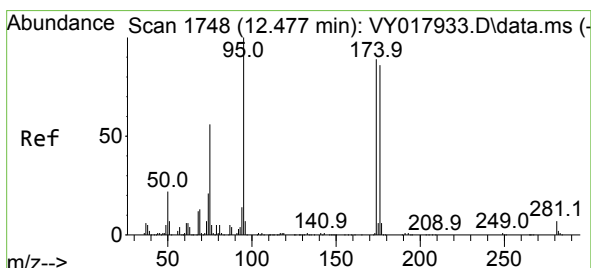
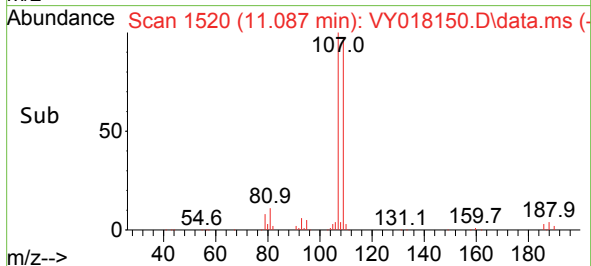
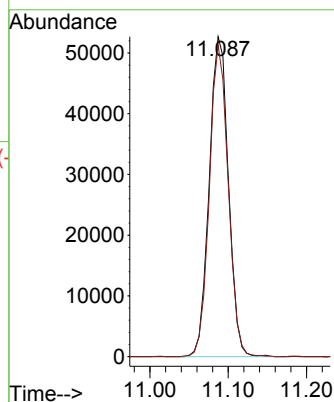
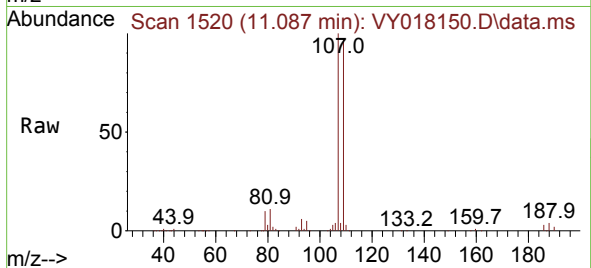




#61
1,2-Dibromoethane
Concen: 49.644 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

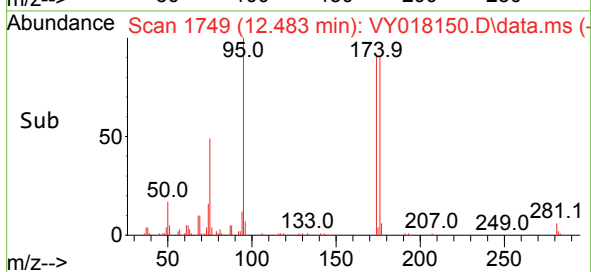
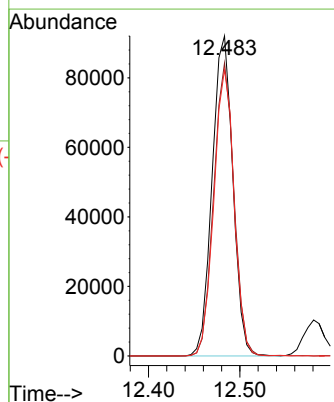
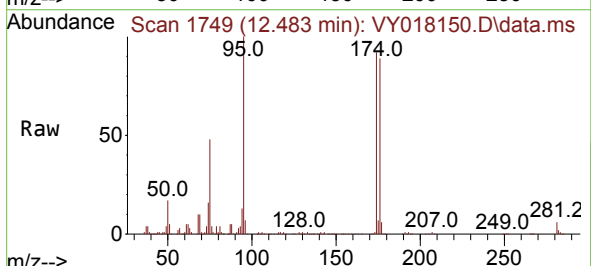
Instrument :
MSVOA_Y
ClientSampleId :

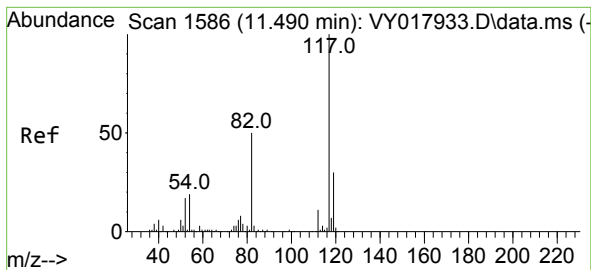
Tgt Ion:107 Resp: 89690
Ion Ratio Lower Upper
107 100
109 95.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 95 Resp: 144709
Ion Ratio Lower Upper
95 100
174 89.9 0.0 175.6
176 87.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

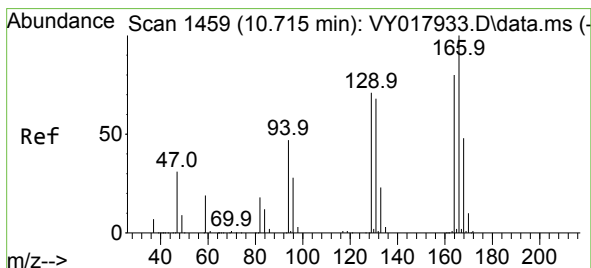
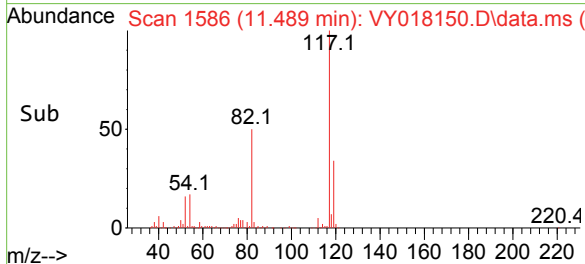
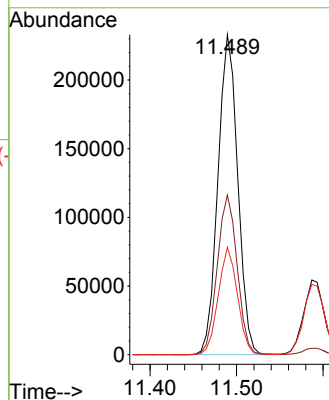
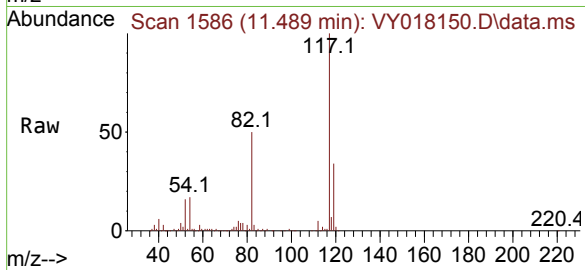
Tgt Ion:117 Resp: 370413

Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 33.5 25.9 38.9



#64

Tetrachloroethene

Concen: 46.422 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Tgt Ion:164 Resp: 124472

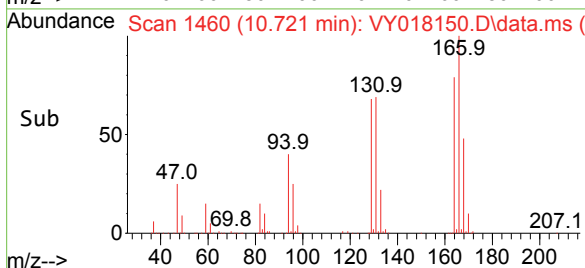
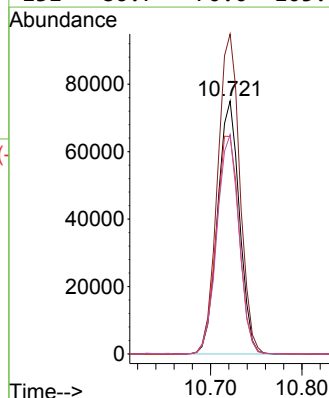
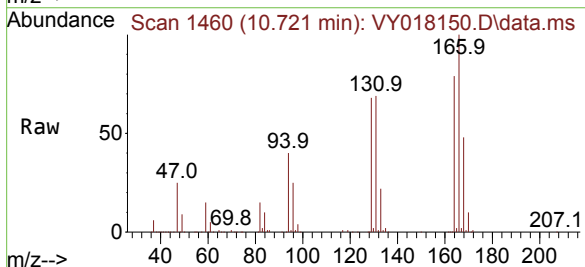
Ion Ratio Lower Upper

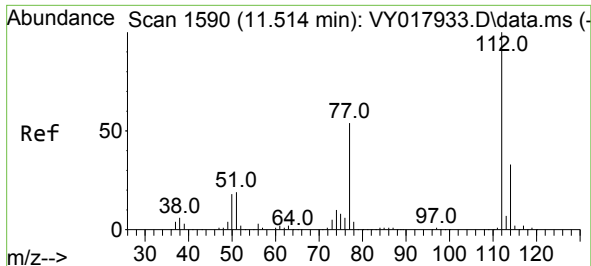
164 100

166 126.5 102.6 154.0

129 86.0 72.0 108.0

131 86.7 70.0 105.0

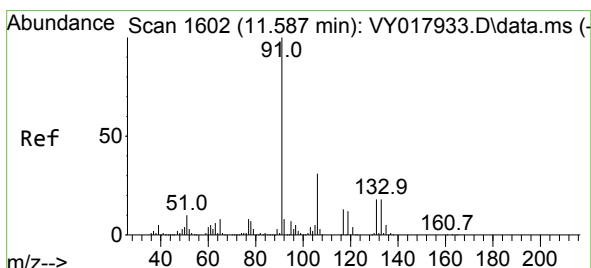
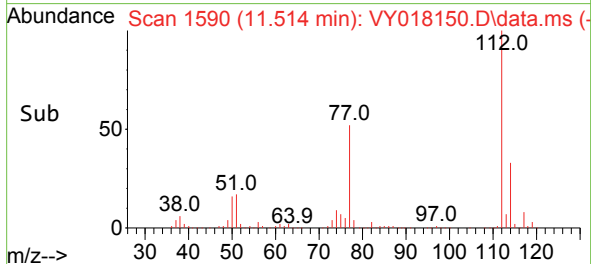
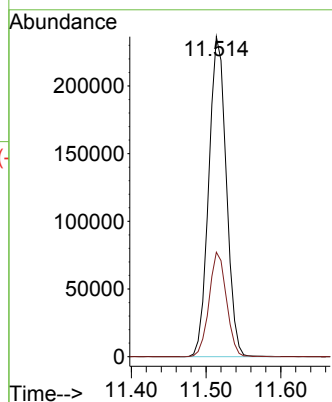
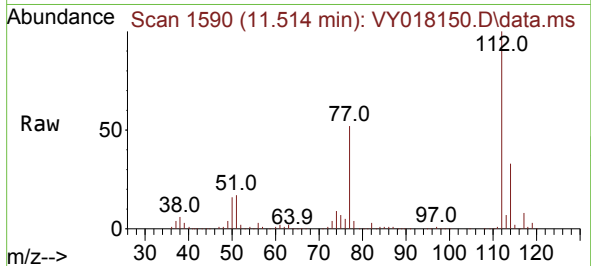




#65
Chlorobenzene
Concen: 49.272 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

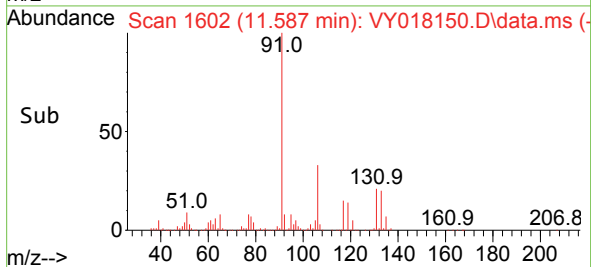
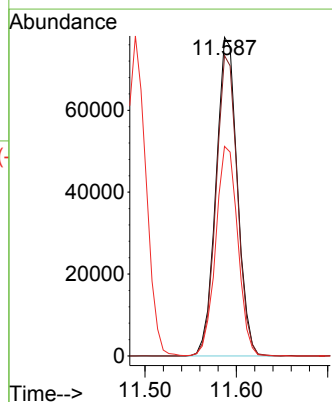
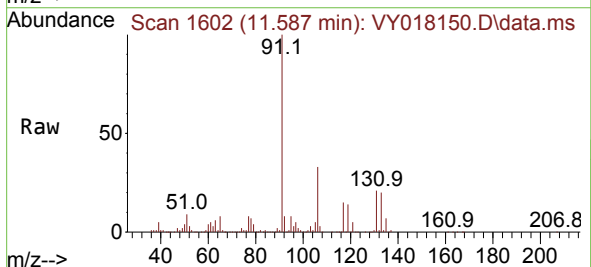
Instrument :
MSVOA_Y
ClientSampleId :

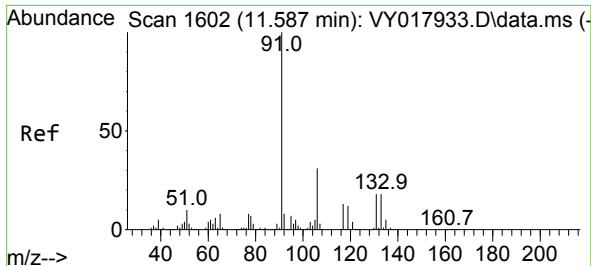
Tgt Ion:112 Resp: 385223
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.061 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion:131 Resp: 126399
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 68.1 34.1 102.2





#67

Ethyl Benzene

Concen: 48.522 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

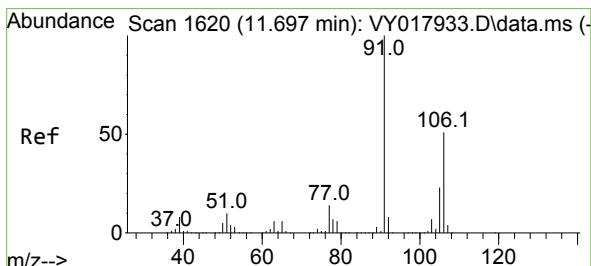
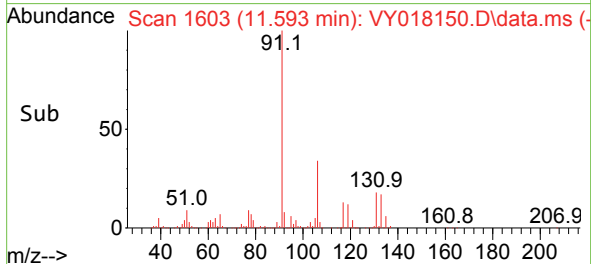
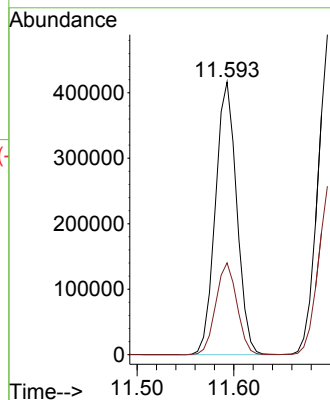
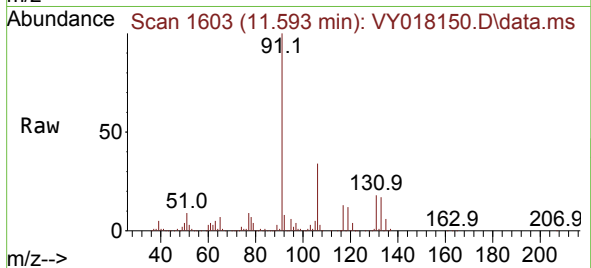
ClientSampleId :

Tgt Ion: 91 Resp: 636177

Ion Ratio Lower Upper

91 100

106 33.6 24.5 36.7



#68

m/p-Xylenes

Concen: 95.379 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018150.D

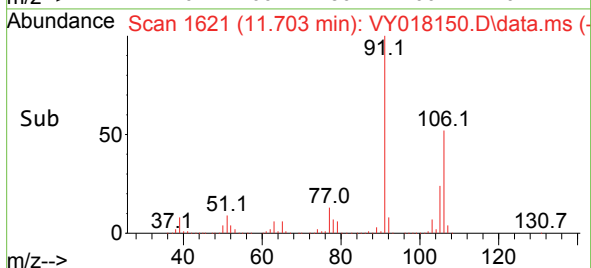
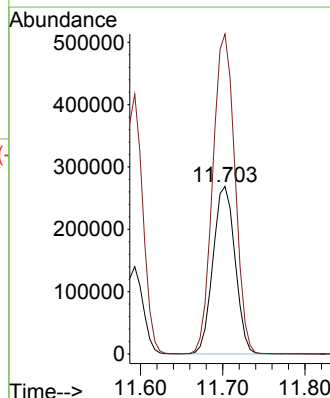
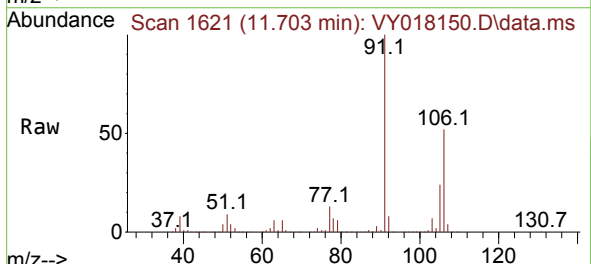
Acq: 03 May 2024 18:07

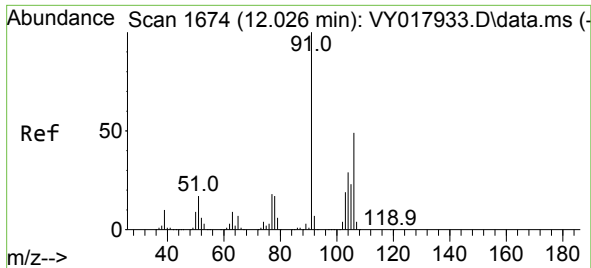
Tgt Ion:106 Resp: 501072

Ion Ratio Lower Upper

106 100

91 191.6 156.0 234.0

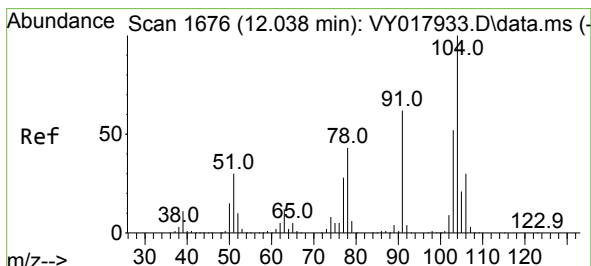
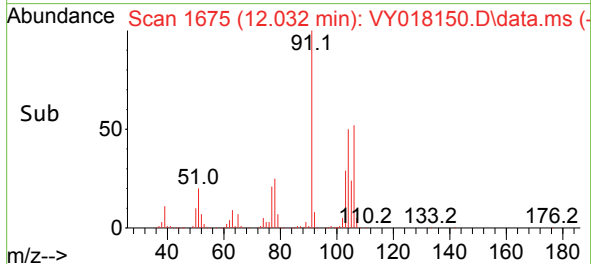
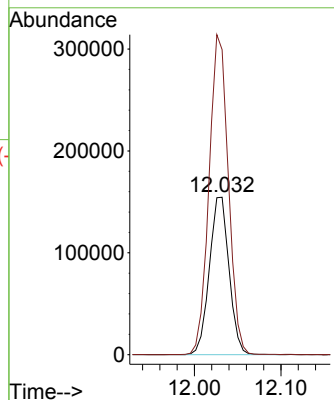
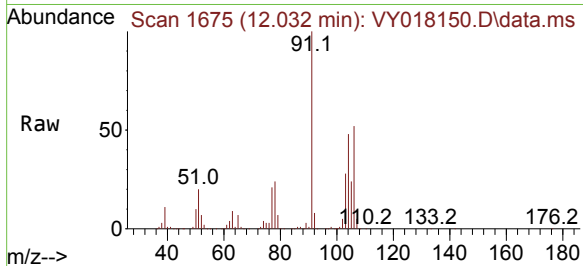




#69
o-Xylene
Concen: 48.378 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

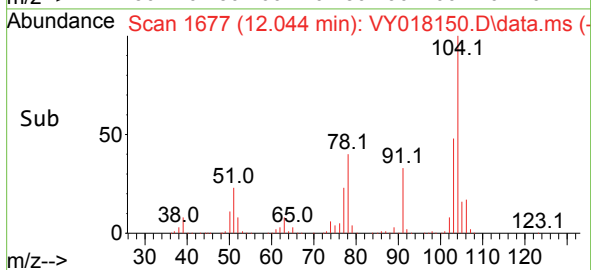
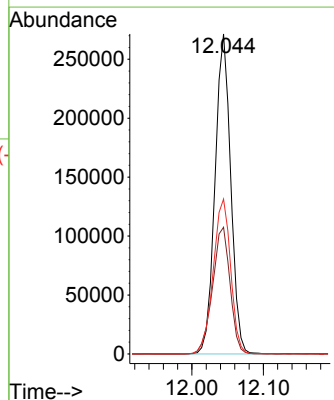
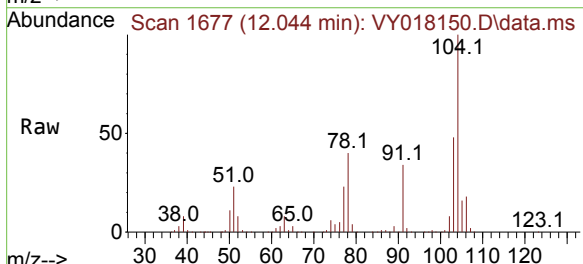
Instrument :
MSVOA_Y
ClientSampleId :

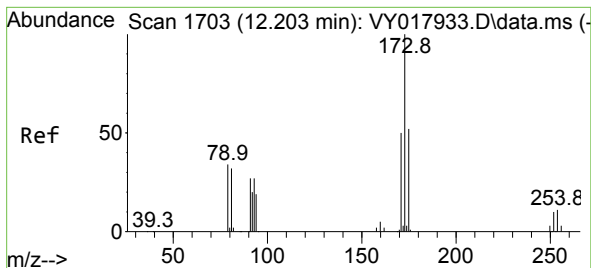
Tgt Ion:106 Resp: 244159
Ion Ratio Lower Upper
106 100
91 199.6 103.6 310.8



#70
Styrene
Concen: 48.701 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion:104 Resp: 413672
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 53.7 44.2 66.2





#71

Bromoform

Concen: 45.734 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018150.D

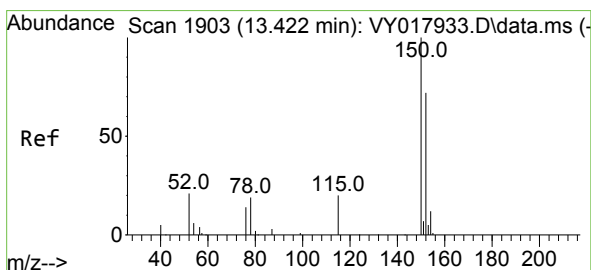
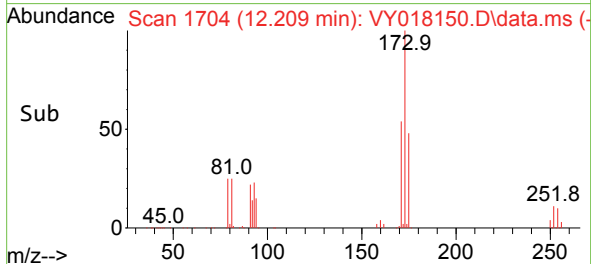
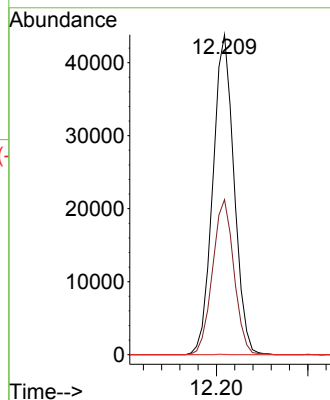
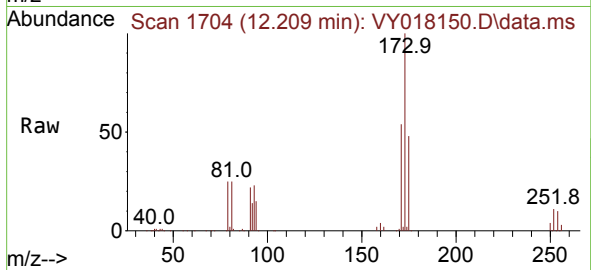
Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 70484
 Ion Ratio Lower Upper
 173 100
 175 49.0 25.1 75.3
 254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

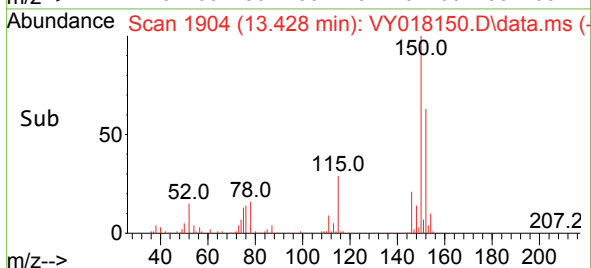
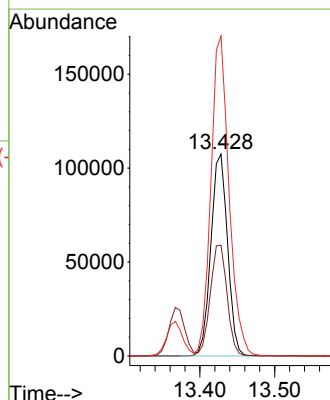
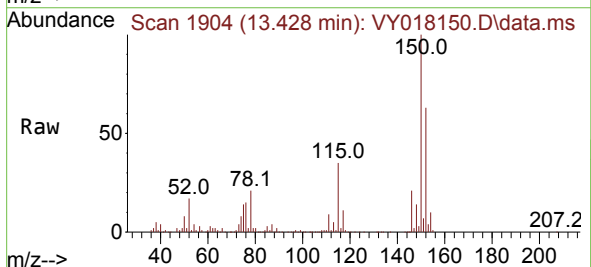
RT: 13.428 min Scan# 1904

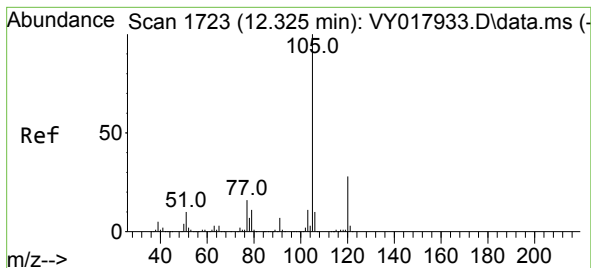
Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Tgt Ion:152 Resp: 166919
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 172.1 0.0 345.6





#73

Isopropylbenzene

Concen: 48.086 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

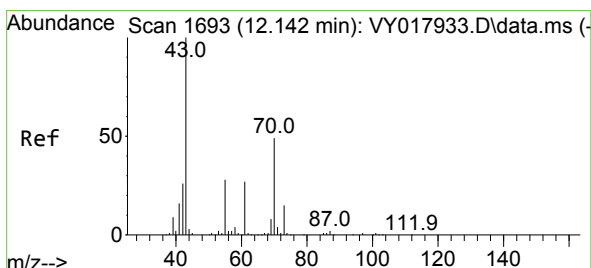
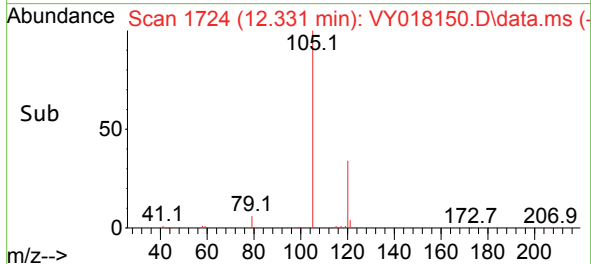
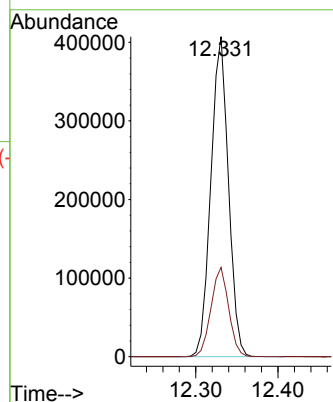
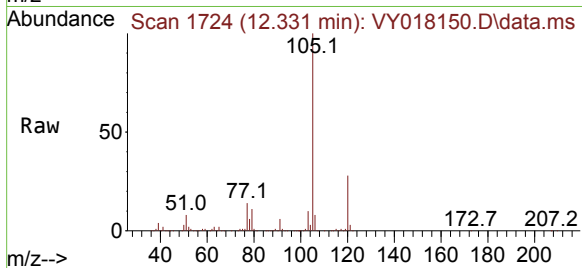
ClientSampleId :

Tgt Ion:105 Resp: 604102

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.1



#74

N-ethyl acetate

Concen: 49.595 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Tgt Ion: 43 Resp: 136749

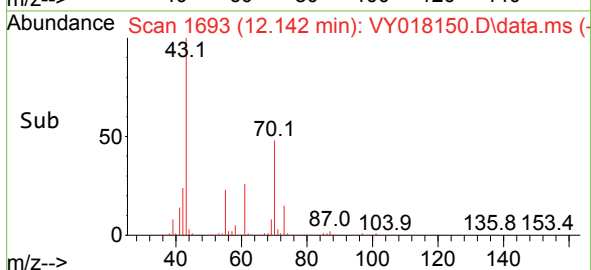
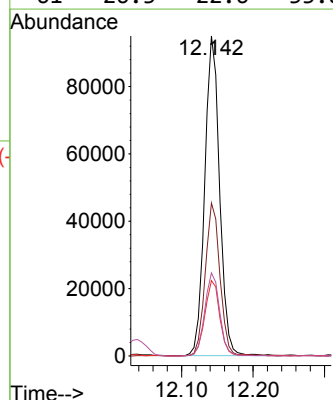
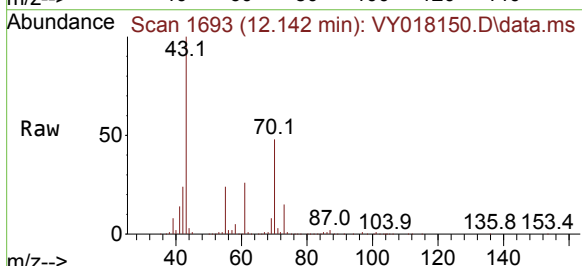
Ion Ratio Lower Upper

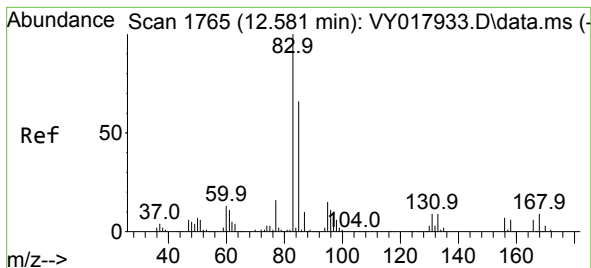
43 100

70 47.5 41.4 62.2

55 23.8 23.3 34.9

61 26.3 22.6 33.8

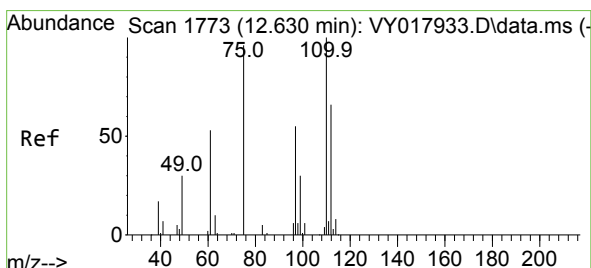
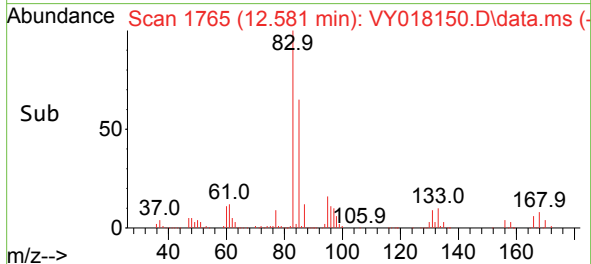
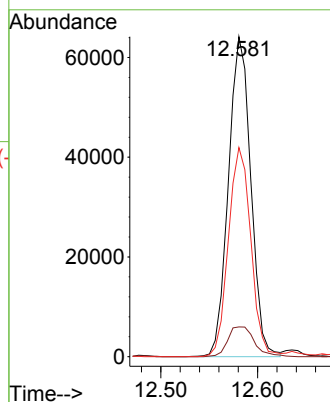
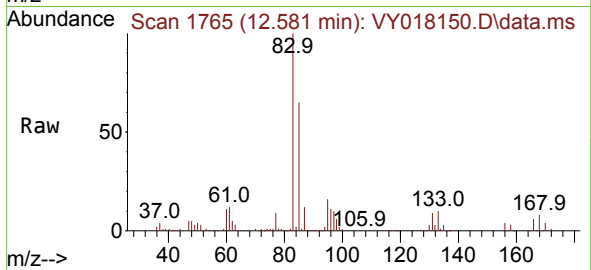




#75
1,1,2,2-Tetrachloroethane
Concen: 51.564 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

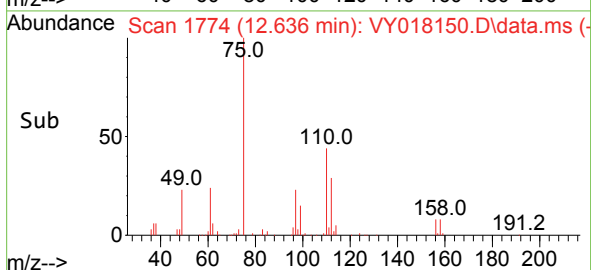
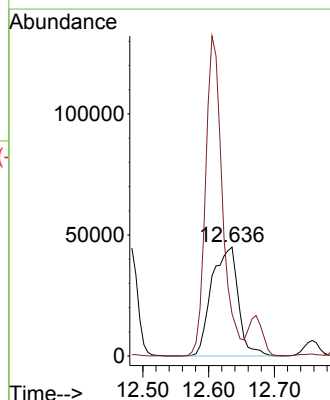
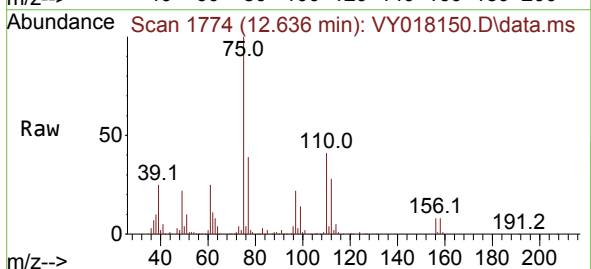
Instrument :
MSVOA_Y
ClientSampleId :

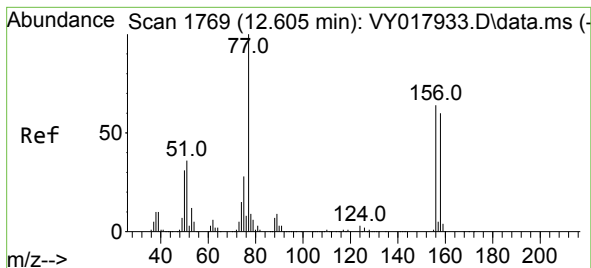
Tgt Ion: 83 Resp: 103078
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 65.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 90.400 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 75 Resp: 126639
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.056 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

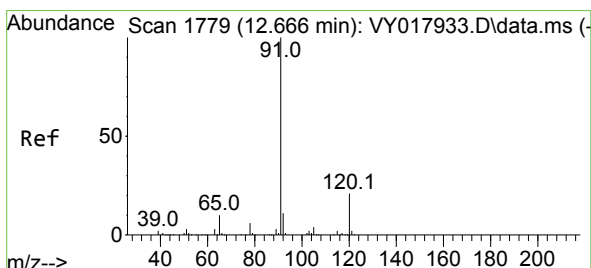
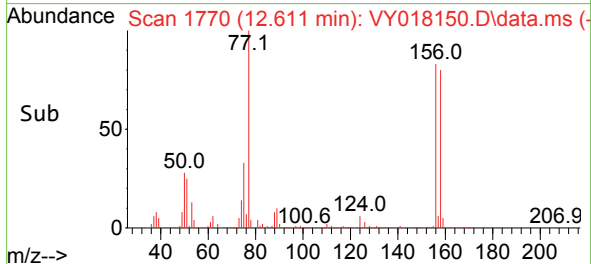
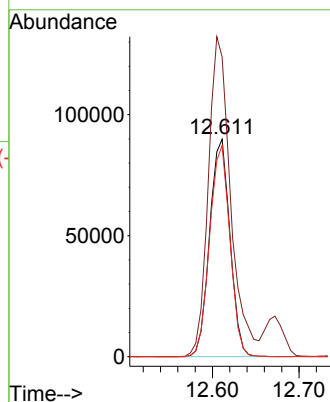
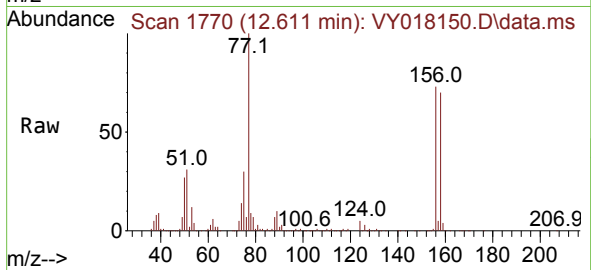
Tgt Ion:156 Resp: 146435

Ion Ratio Lower Upper

156 100

77 162.2 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 48.148 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018150.D

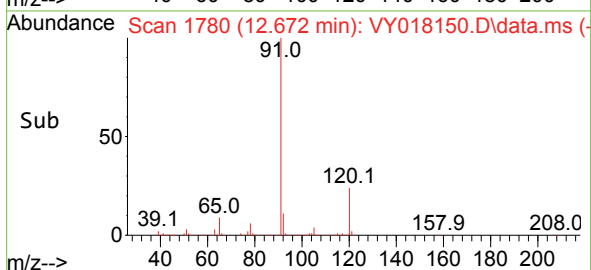
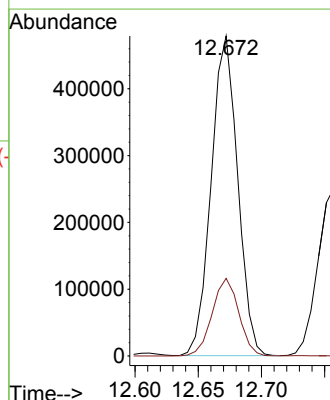
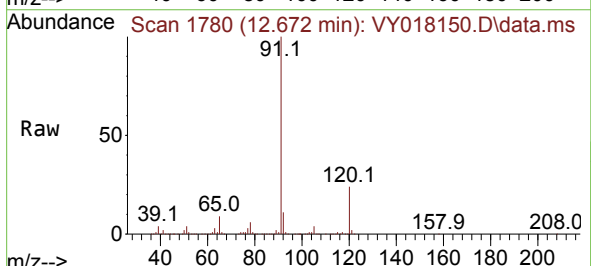
Acq: 03 May 2024 18:07

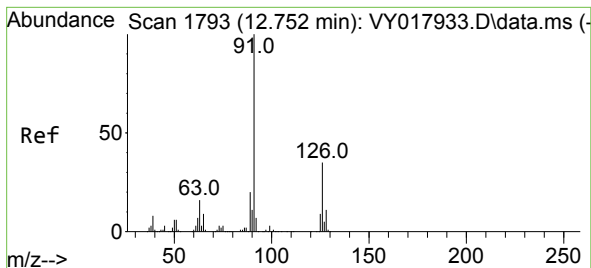
Tgt Ion: 91 Resp: 696544

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.618 ug/l

RT: 12.757 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

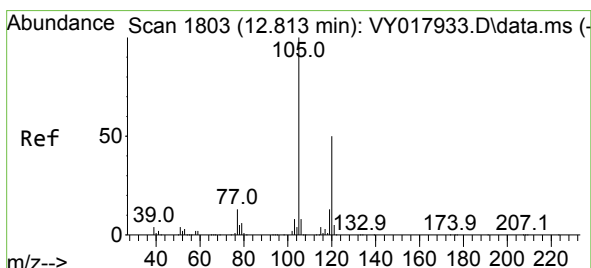
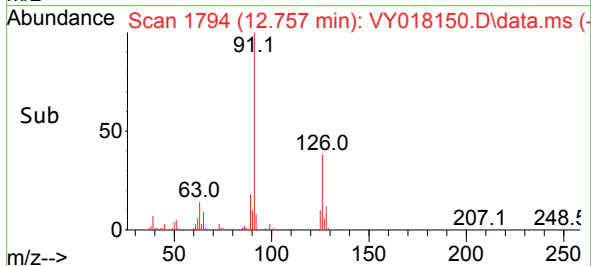
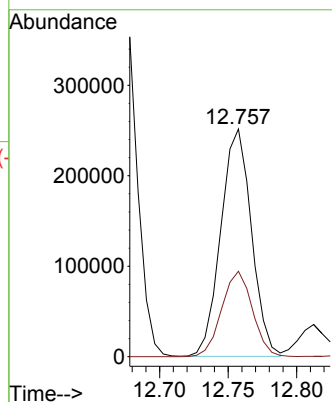
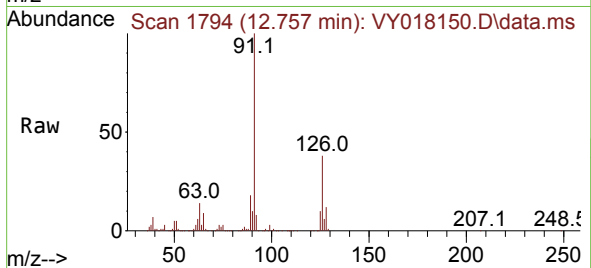
ClientSampleId :

Tgt Ion: 91 Resp: 391236

Ion Ratio Lower Upper

91 100

126 37.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 46.859 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018150.D

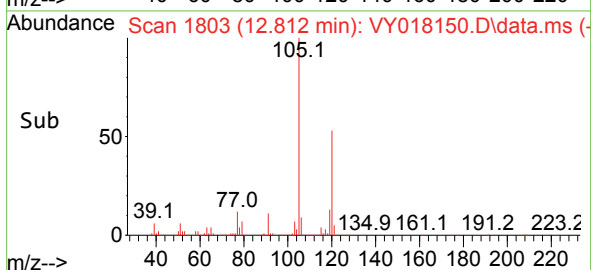
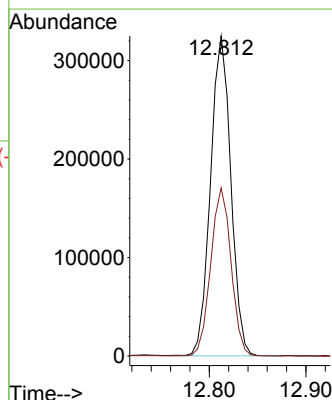
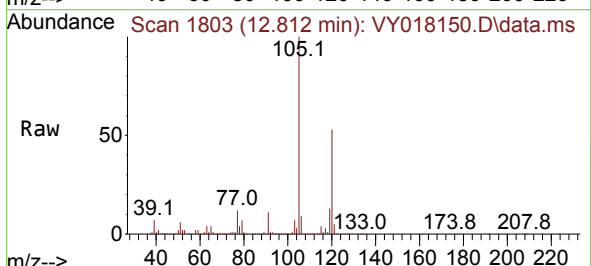
Acq: 03 May 2024 18:07

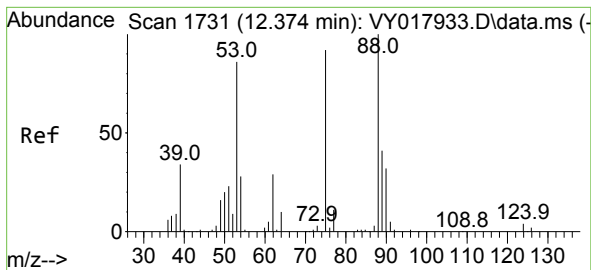
Tgt Ion:105 Resp: 474447

Ion Ratio Lower Upper

105 100

120 52.6 25.1 75.2

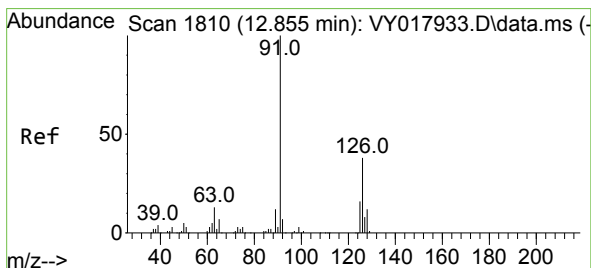
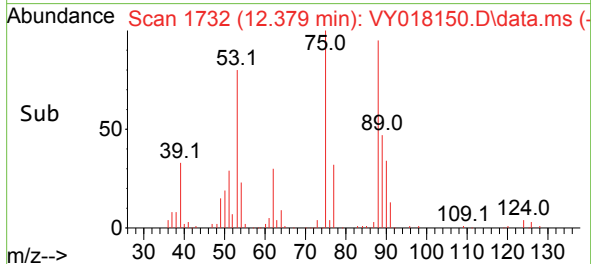
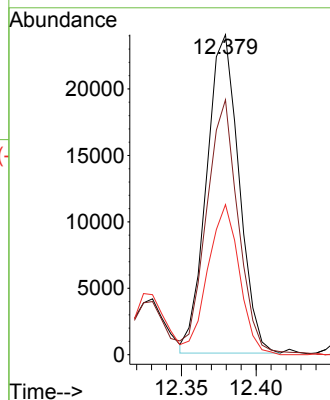
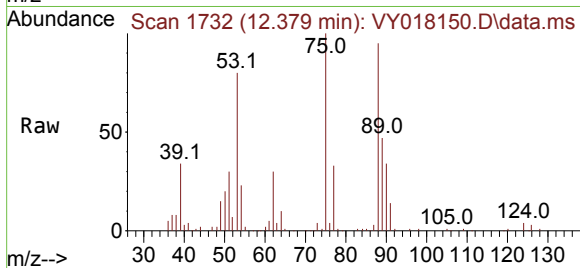




#81
trans-1,4-Dichloro-2-butene
Concen: 47.000 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

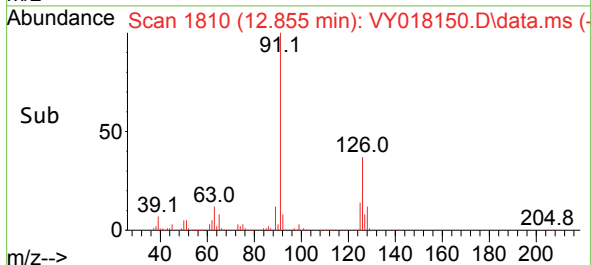
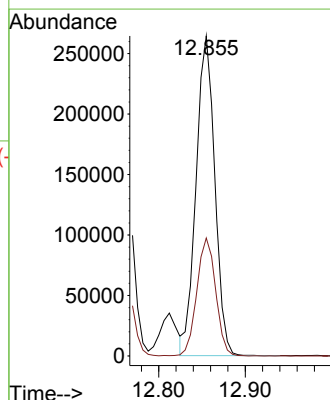
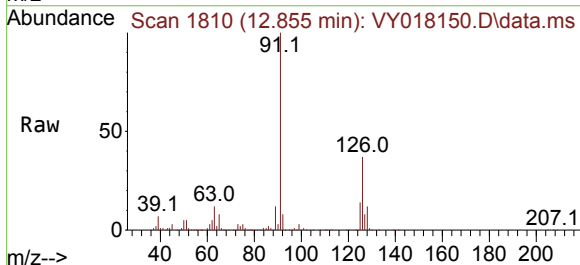
Instrument :
MSVOA_Y
ClientSampleId :

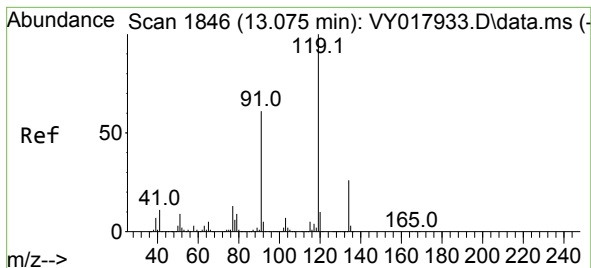
Tgt Ion: 75 Resp: 36141
Ion Ratio Lower Upper
75 100
53 78.8 66.8 100.2
89 46.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.122 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018150.D
Acq: 03 May 2024 18:07

Tgt Ion: 91 Resp: 396729
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 46.978 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

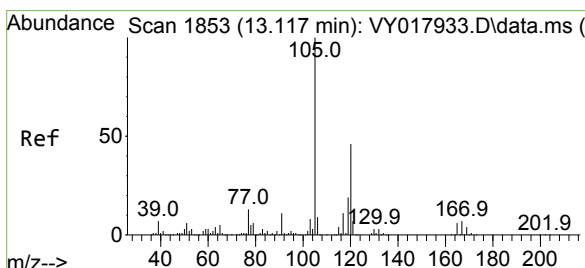
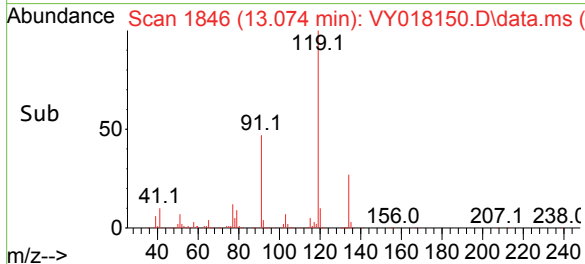
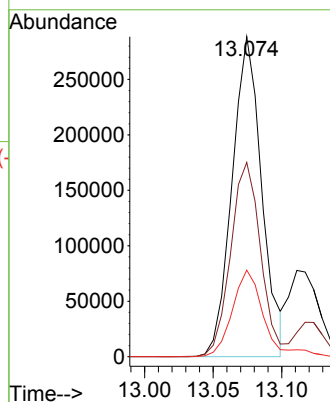
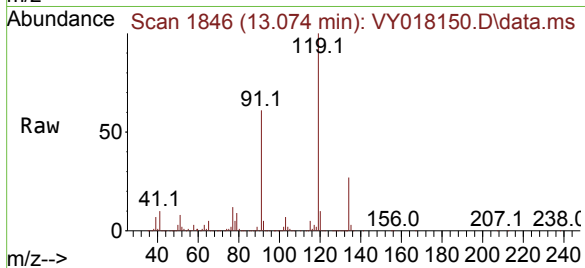
Tgt Ion:119 Resp: 435474

Ion Ratio Lower Upper

119 100

91 60.9 31.3 93.8

134 28.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 47.560 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018150.D

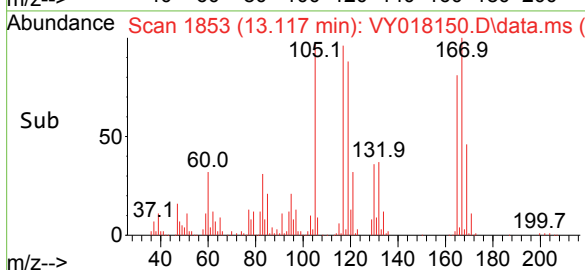
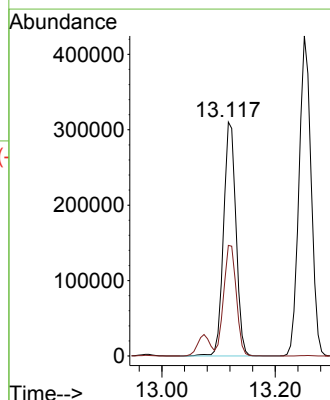
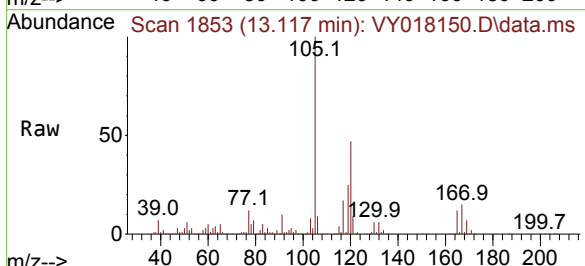
Acq: 03 May 2024 18:07

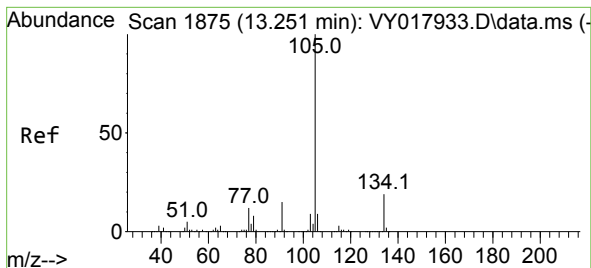
Tgt Ion:105 Resp: 471735

Ion Ratio Lower Upper

105 100

120 48.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.259 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

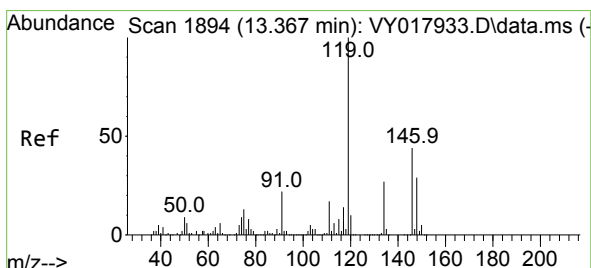
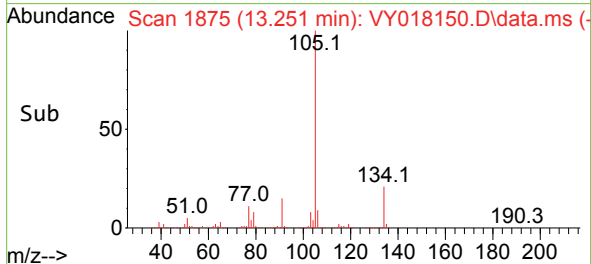
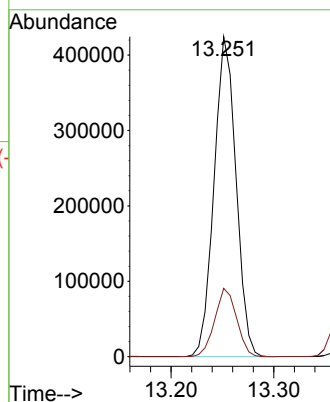
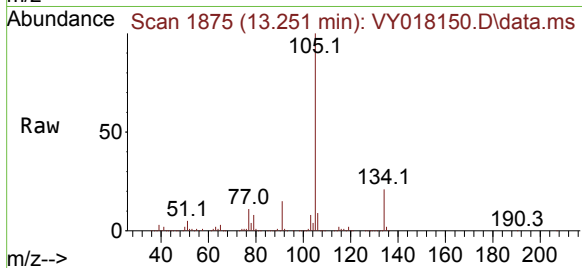
ClientSampleId :

Tgt Ion:105 Resp: 628645

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 46.889 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

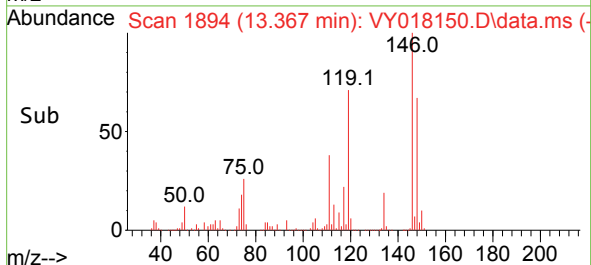
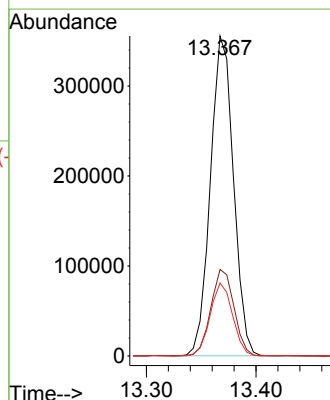
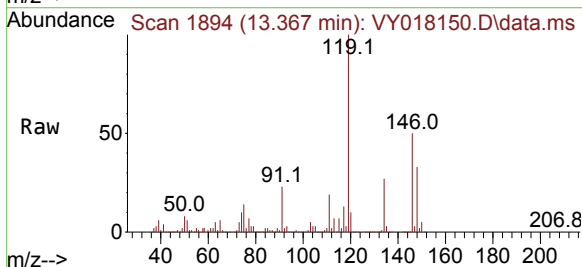
Tgt Ion:119 Resp: 519796

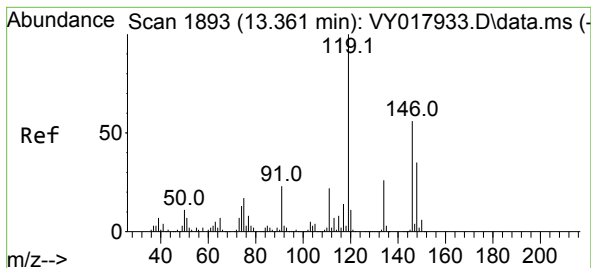
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 47.886 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

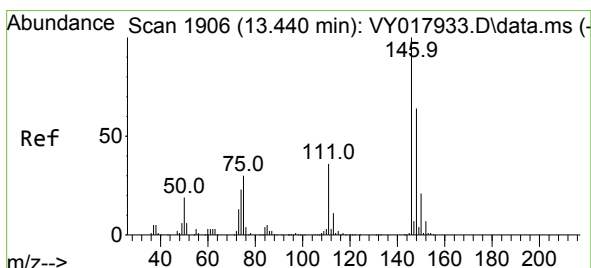
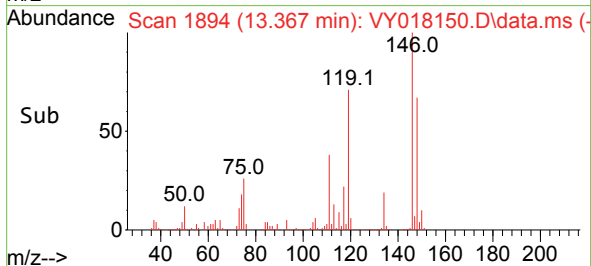
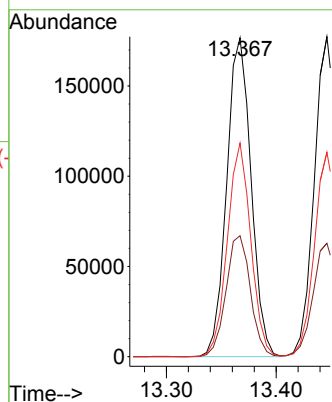
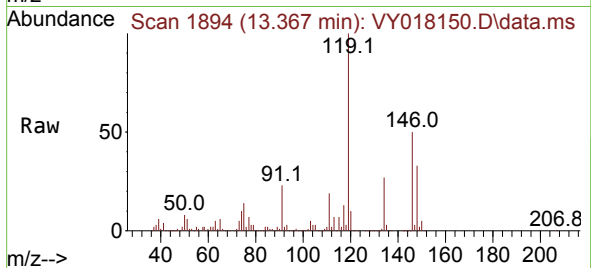
Tgt Ion:146 Resp: 273398

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.930 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

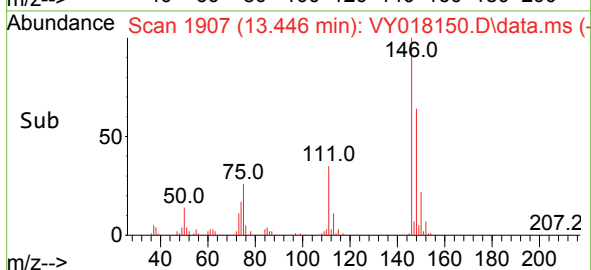
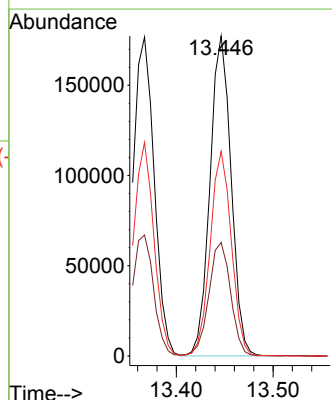
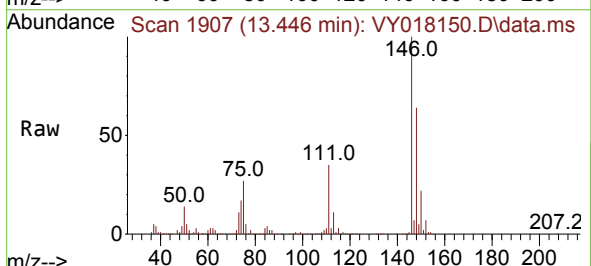
Tgt Ion:146 Resp: 269718

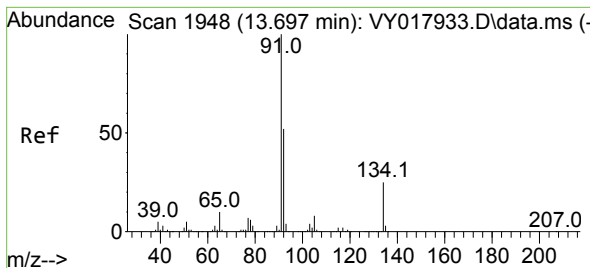
Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.4

148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 46.688 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

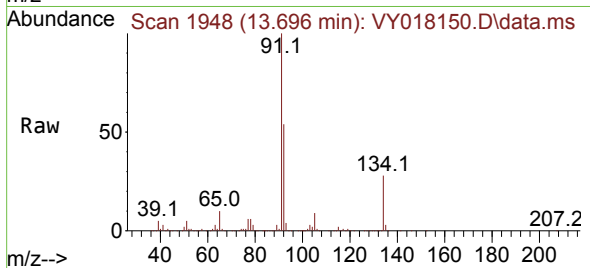
Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :



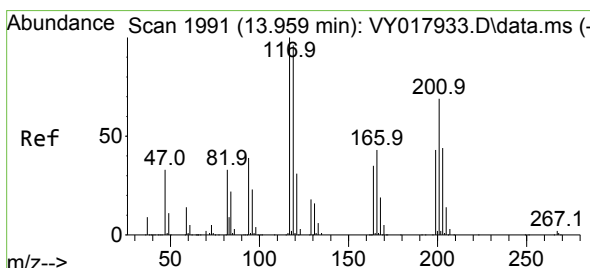
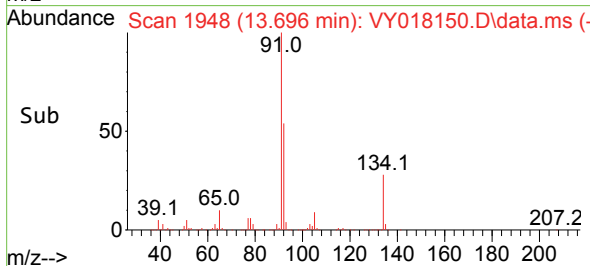
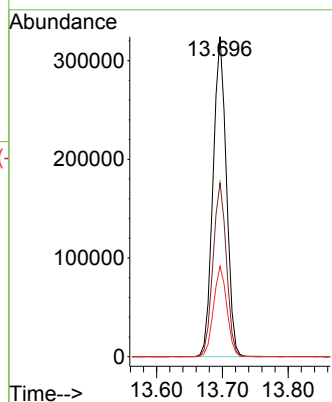
Tgt Ion: 91 Resp: 458033

Ion Ratio Lower Upper

91 100

92 54.6 26.6 79.7

134 28.2 12.9 38.7



#90

Hexachloroethane

Concen: 46.871 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018150.D

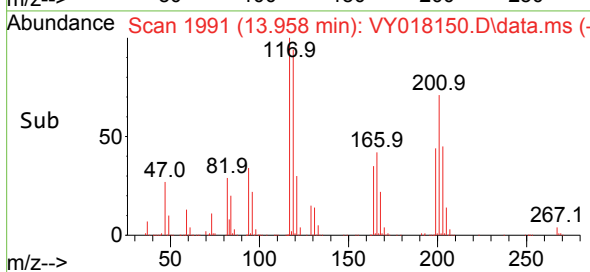
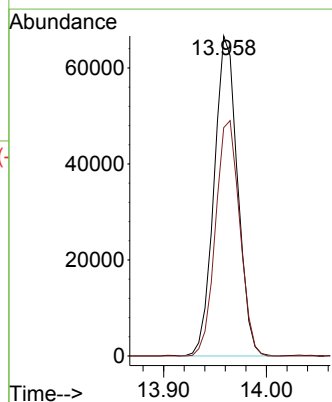
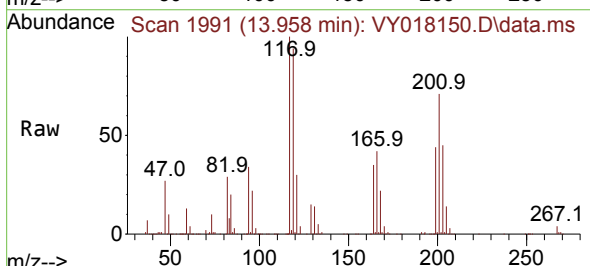
Acq: 03 May 2024 18:07

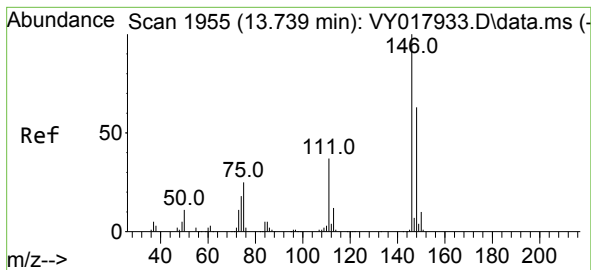
Tgt Ion: 117 Resp: 105565

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.201 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

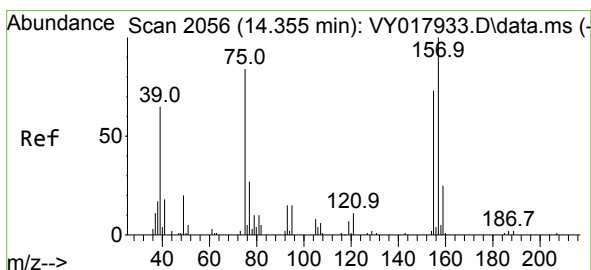
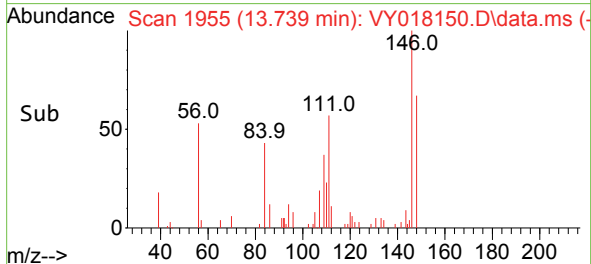
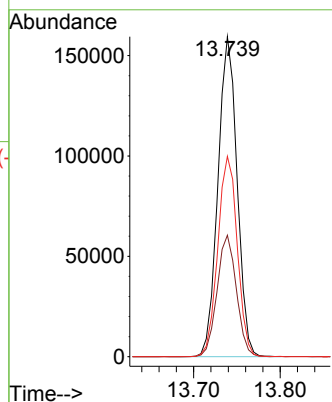
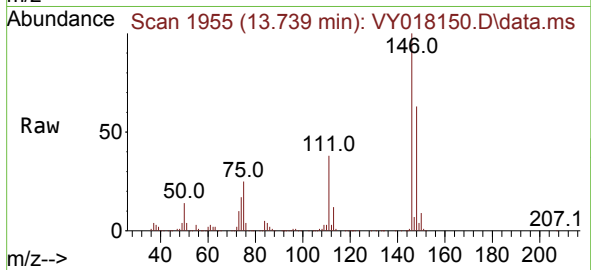
Tgt Ion:146 Resp: 244778

Ion Ratio Lower Upper

146 100

111 38.4 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.852 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

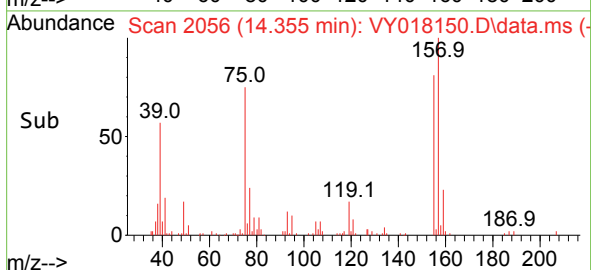
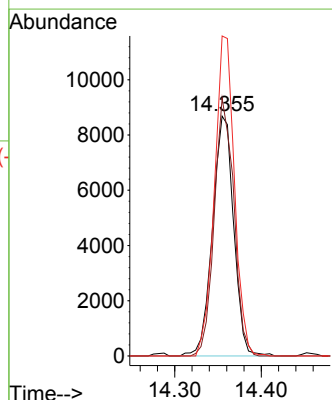
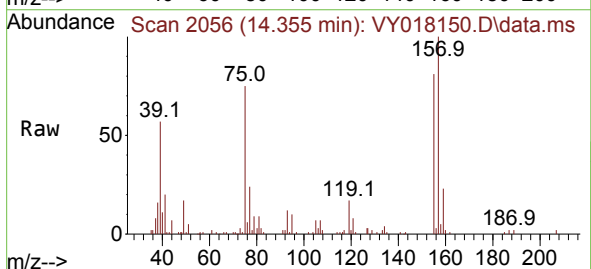
Tgt Ion: 75 Resp: 14731

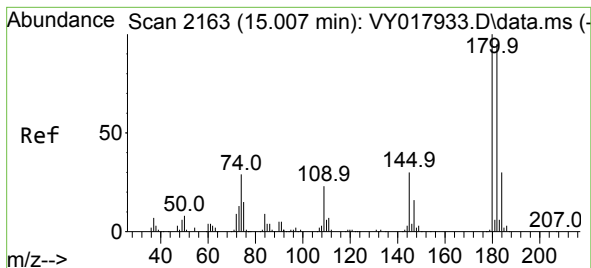
Ion Ratio Lower Upper

75 100

155 99.6 48.6 145.8

157 125.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.691 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

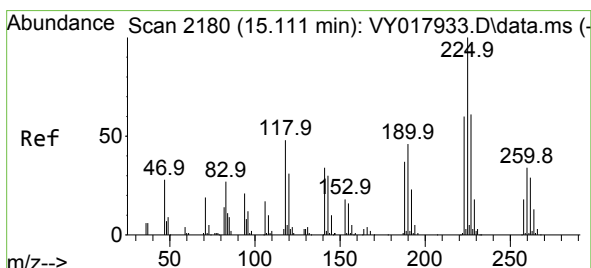
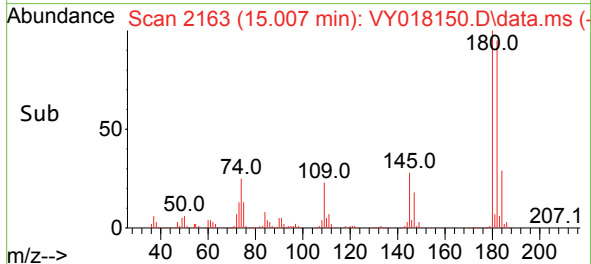
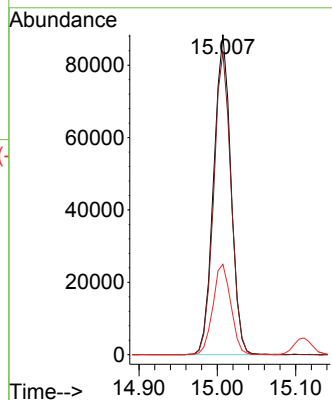
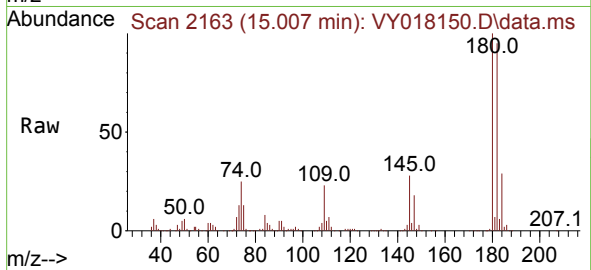
Tgt Ion:180 Resp: 135387

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.324 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

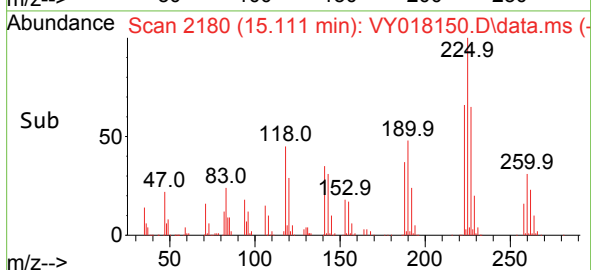
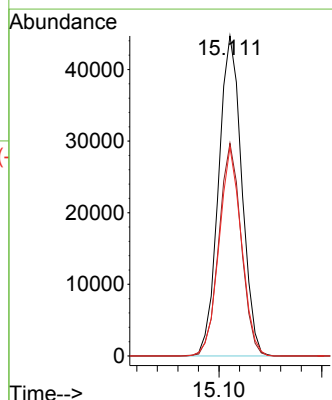
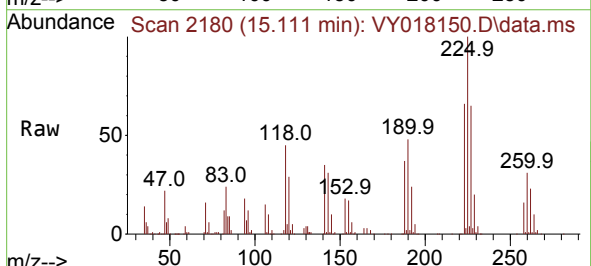
Tgt Ion:225 Resp: 69758

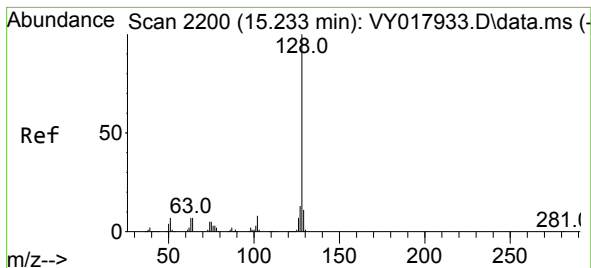
Ion Ratio Lower Upper

225 100

223 64.1 30.4 91.2

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 52.934 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

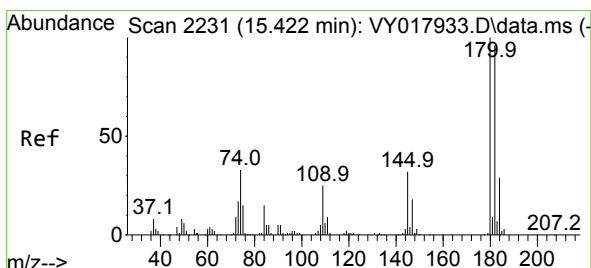
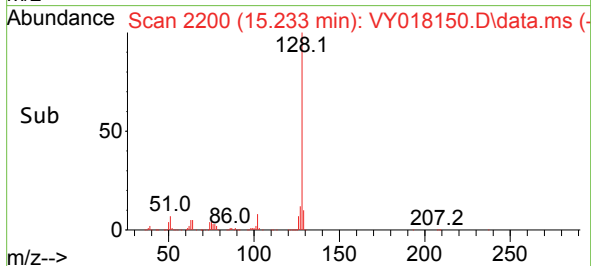
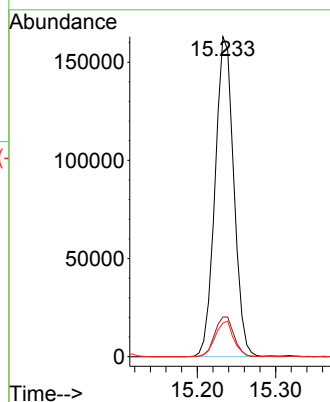
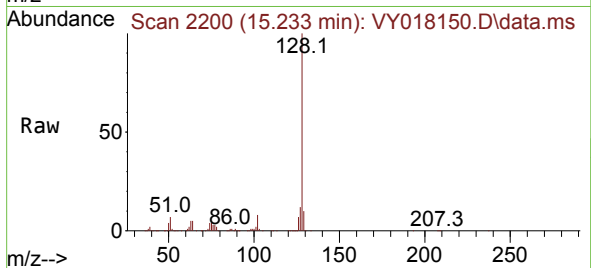
Tgt Ion:128 Resp: 271002

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.872 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018150.D

Acq: 03 May 2024 18:07

Tgt Ion:180 Resp: 115712

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 32.6 15.4 46.1

