

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018348.D
 Acq On : 22 May 2024 14:39
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 23 01:21:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:01:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	153009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	205404	141.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 283.380%#	
35) Dibromofluoromethane	7.710	113	222084	154.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 308.220%#	
50) Toluene-d8	10.173	98	855202	152.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 304.420%#	
62) 4-Bromofluorobenzene	12.477	95	258140	148.694	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 297.380%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	203325	155.690	ug/l	99
3) Chloromethane	2.101	50	317711	149.700	ug/l	98
4) Vinyl Chloride	2.241	62	368333	155.136	ug/l	98
5) Bromomethane	2.625	94	266309	156.884	ug/l	98
6) Chloroethane	2.778	64	233481	151.493	ug/l	100
7) Trichlorofluoromethane	3.107	101	410322	153.997	ug/l	97
8) Diethyl Ether	3.515	74	126804	149.044	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	240850	146.522	ug/l	98
10) Methyl Iodide	4.076	142	277223	167.698	ug/l	99
11) Tert butyl alcohol	4.942	59	89190	759.505	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	248475	153.478	ug/l	99
13) Acrolein	3.716	56	87729	763.366	ug/l	98
14) Allyl chloride	4.460	41	324622	143.568	ug/l	95
15) Acrylonitrile	5.143	53	256476	696.968	ug/l	100
16) Acetone	3.936	43	214743	720.241	ug/l	92
17) Carbon Disulfide	4.180	76	730169	161.507	ug/l	99
18) Methyl Acetate	4.460	43	106520	134.789	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	561632	144.675	ug/l	97
20) Methylene Chloride	4.704	84	241776	150.571	ug/l	99
21) trans-1,2-Dichloroethene	5.204	96	260756	152.678	ug/l	97
22) Diisopropyl ether	6.106	45	669613	142.510	ug/l	96
23) Vinyl Acetate	6.045	43	2262204	751.893	ug/l	96
24) 1,1-Dichloroethane	6.003	63	414837	143.961	ug/l	99
25) 2-Butanone	6.972	43	342006	723.848	ug/l #	88
26) 2,2-Dichloropropane	6.966	77	368238	147.827	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	299531	149.250	ug/l	99
28) Bromochloromethane	7.326	49	131652	134.519	ug/l	98
29) Tetrahydrofuran	7.338	42	215862	694.108	ug/l	92
30) Chloroform	7.496	83	427690	145.615	ug/l	99
31) Cyclohexane	7.777	56	375525	152.210	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	396745	153.898	ug/l	98
36) 1,1-Dichloropropene	7.911	75	326494	156.229	ug/l	99
37) Ethyl Acetate	7.063	43	151285	151.326	ug/l	96
38) Carbon Tetrachloride	7.893	117	359089	167.761	ug/l	99
39) Methylcyclohexane	9.179	83	460686	158.023	ug/l	98
40) Benzene	8.149	78	997265	156.536	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	203059	367.345	ug/l #	25
42) 1,2-Dichloroethane	8.228	62	241812	157.793	ug/l	99
43) Isopropyl Acetate	8.264	43	305359	156.545	ug/l	92
44) Trichloroethene	8.935	130	268519	164.433	ug/l	99
45) 1,2-Dichloropropane	9.209	63	218269	152.330	ug/l	99
46) Dibromomethane	9.301	93	132251	157.294	ug/l	100
47) Bromodichloromethane	9.490	83	322251	157.929	ug/l	99
48) Methyl methacrylate	9.289	41	141093	159.908	ug/l	88
49) 1,4-Dioxane	9.295	88	33397	3061.476	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	786950	799.386	ug/l	92
52) Toluene	10.240	92	630486	157.872	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	305006	163.496	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	360144	157.550	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	173065	155.370	ug/l	97
56) Ethyl methacrylate	10.502	69	245502	160.682	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	287295	152.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	510418	739.328	ug/l	98
59) 2-Hexanone	10.825	43	550541	812.740	ug/l	91
60) Dibromochloromethane	10.983	129	226638	168.450	ug/l	99
61) 1,2-Dibromoethane	11.087	107	163220	158.806	ug/l	100
64) Tetrachloroethene	10.715	164	239518	161.599	ug/l	97
65) Chlorobenzene	11.514	112	684189	158.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	228451	167.310	ug/l	99
67) Ethyl Benzene	11.587	91	1220599	161.031	ug/l	98
68) m/p-Xylenes	11.697	106	937605	321.485	ug/l	99
69) o-Xylene	12.026	106	434427	157.840	ug/l	98
70) Styrene	12.038	104	737611	162.124	ug/l	98
71) Bromoform	12.203	173	128145	177.432	ug/l #	98
73) Isopropylbenzene	12.325	105	1134234	157.262	ug/l	99
74) N-amyl acetate	12.142	43	276851	164.527	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	185286	150.769	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	242865	284.668	ug/l #	100
77) Bromobenzene	12.605	156	254257	160.956	ug/l	99
78) n-propylbenzene	12.666	91	1329407	153.941	ug/l	99
79) 2-Chlorotoluene	12.751	91	727534	155.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	892016	157.388	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	65883	164.359	ug/l	96
82) 4-Chlorotoluene	12.849	91	732225	154.464	ug/l	99
83) tert-Butylbenzene	13.068	119	835237	159.427	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	884149	158.622	ug/l	100
85) sec-Butylbenzene	13.251	105	1185810	153.043	ug/l	99
86) p-Isopropyltoluene	13.367	119	1003428	158.326	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	498897	160.387	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	479445	154.862	ug/l	99
89) n-Butylbenzene	13.690	91	916926	153.955	ug/l	99
90) Hexachloroethane	13.958	117	192883	164.805	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	422852	156.664	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27318	162.068	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	262975	171.048	ug/l	98
94) Hexachlorobutadiene	15.111	225	135615	172.369	ug/l	98
95) Naphthalene	15.233	128	530509	175.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	225641	172.627	ug/l	99

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ClientSampleId :
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QLast Update : Thu May 23 01:01:50 2024
Response via : Initial Calibration

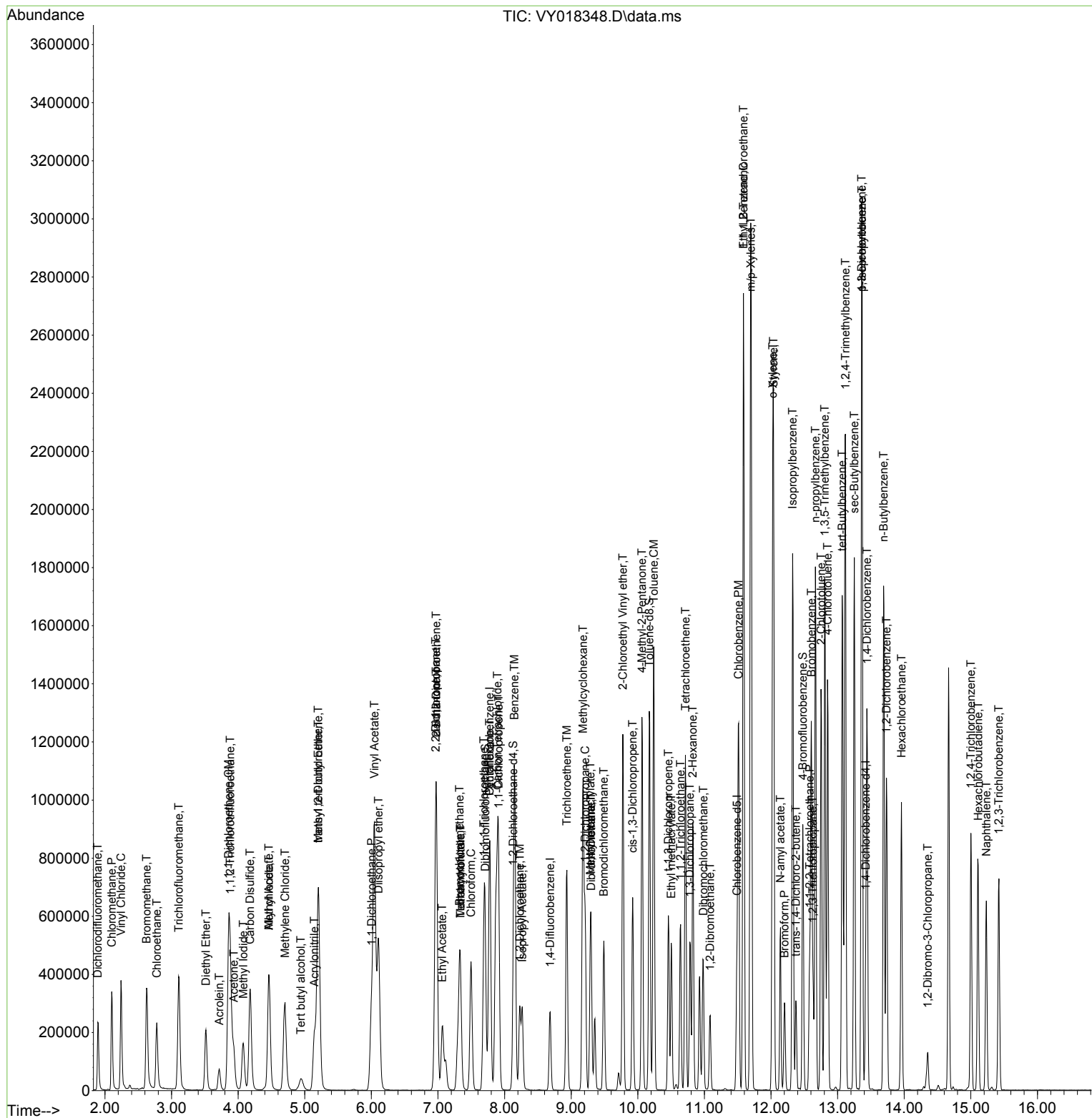
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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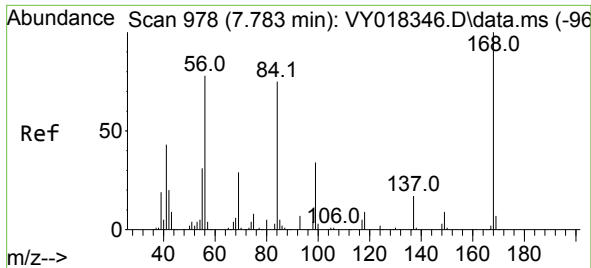
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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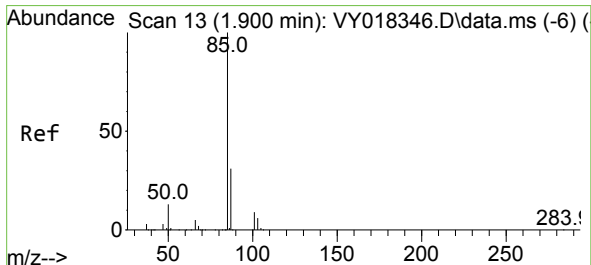
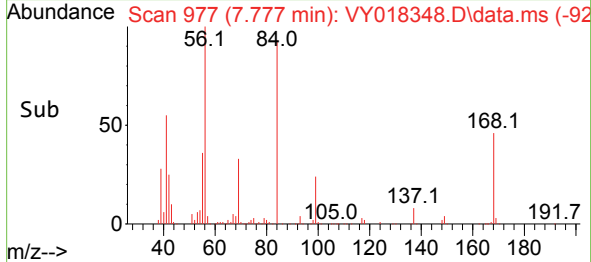
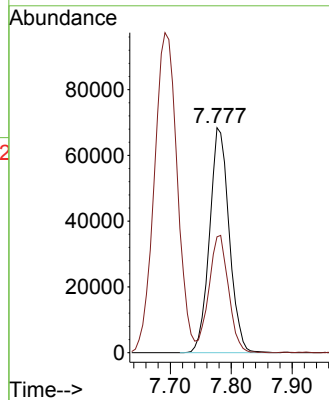
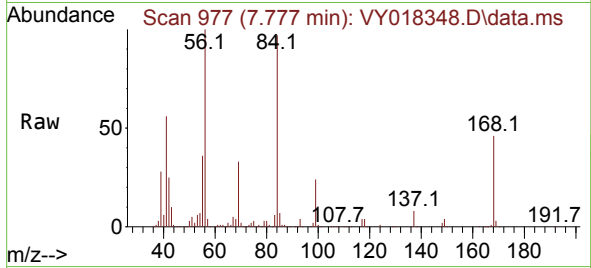




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
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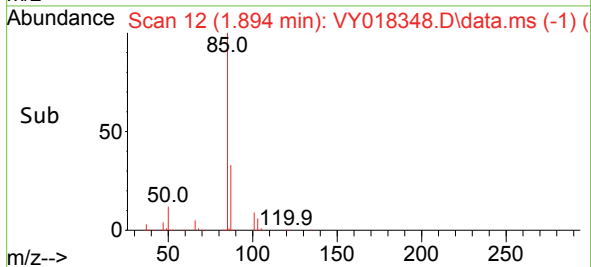
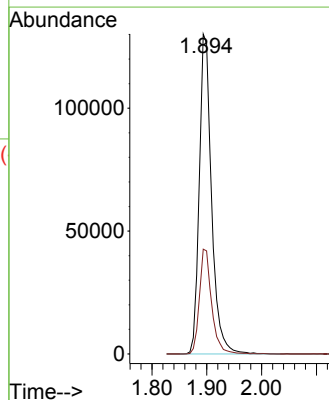
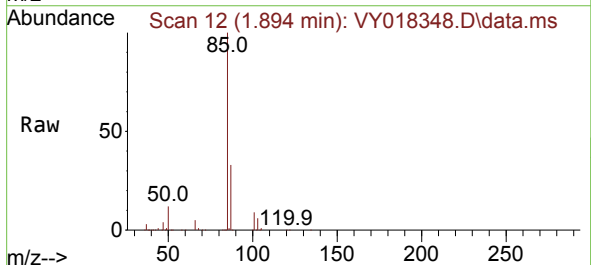
Instrument :
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ClientSampleId :
VSTDIC150

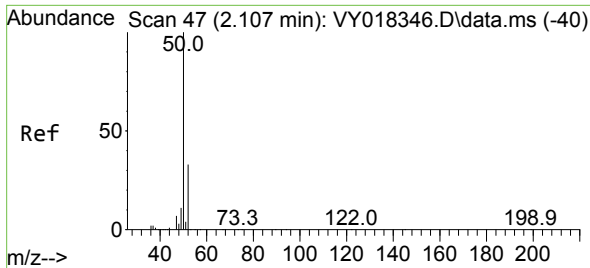
Tgt Ion:168 Resp: 153009
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 155.690 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 85 Resp: 203325
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

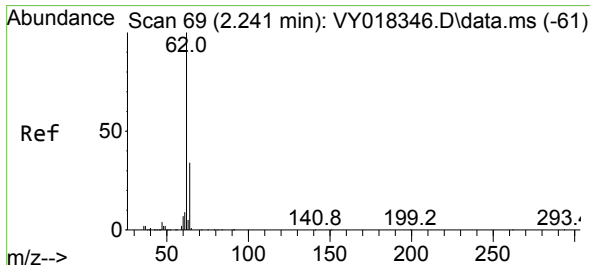
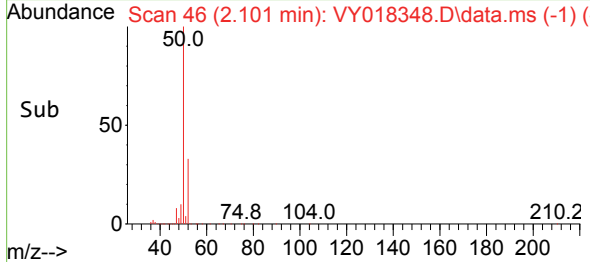
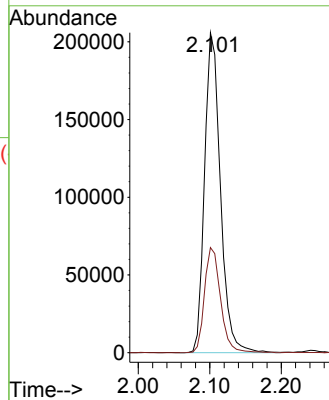
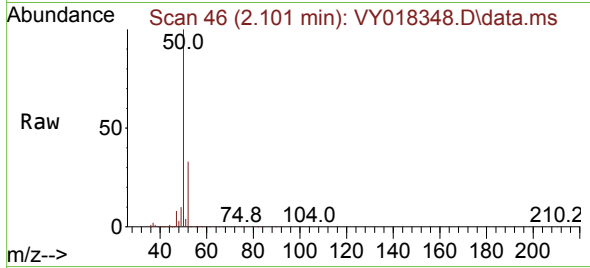




#3
Chloromethane
Concen: 149.700 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

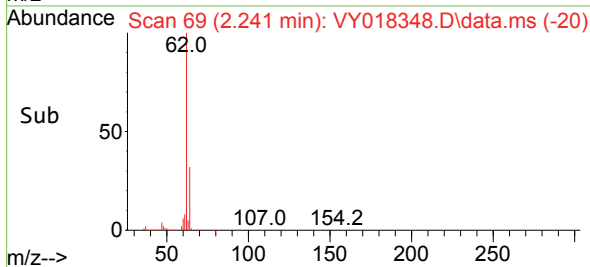
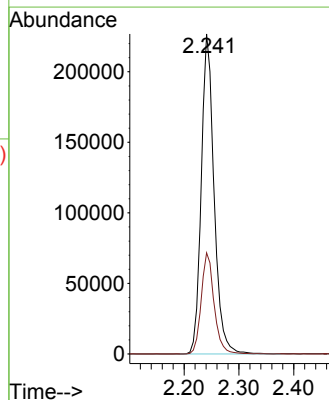
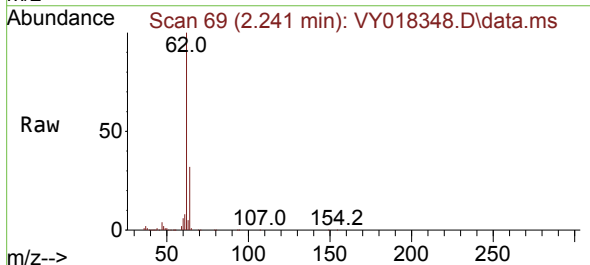
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ClientSampleId :
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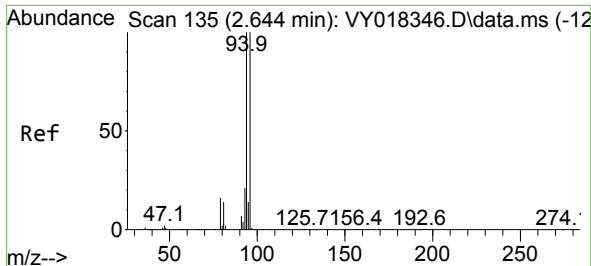
Tgt Ion: 50 Resp: 317711
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 155.136 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 62 Resp: 368333
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

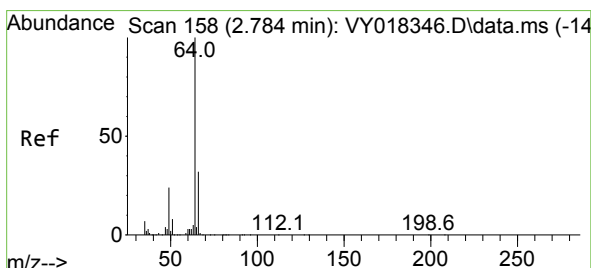
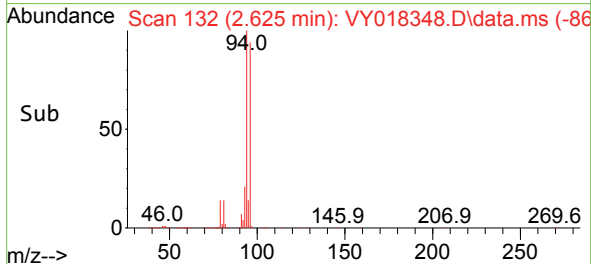
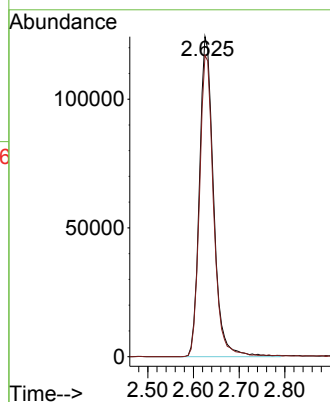
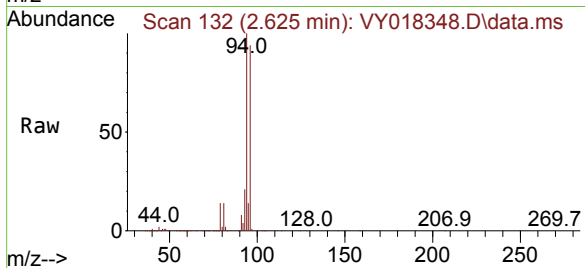




#5
Bromomethane
Concen: 156.884 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY018348.D
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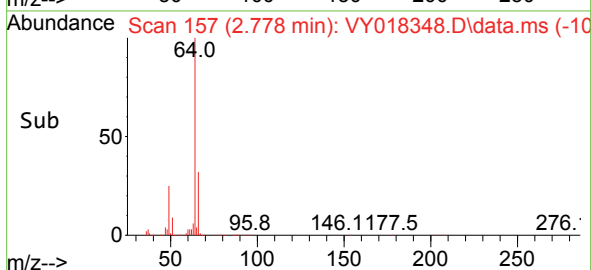
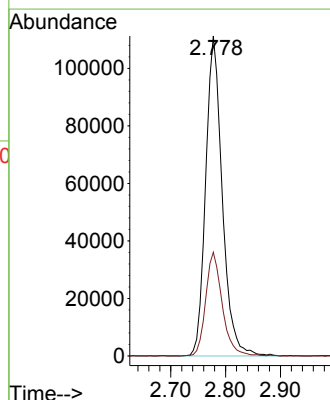
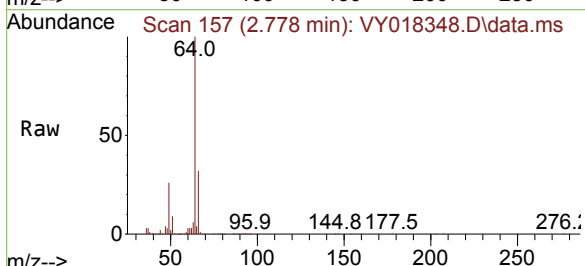
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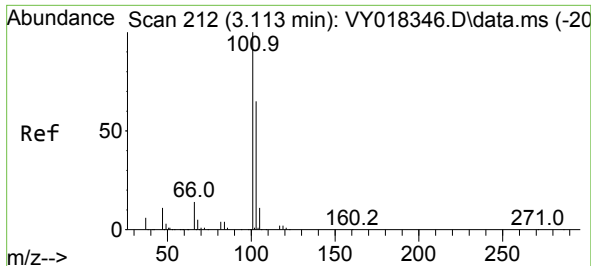
Tgt Ion: 94 Resp: 266309
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 151.493 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY018348.D
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Tgt Ion: 64 Resp: 233481
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

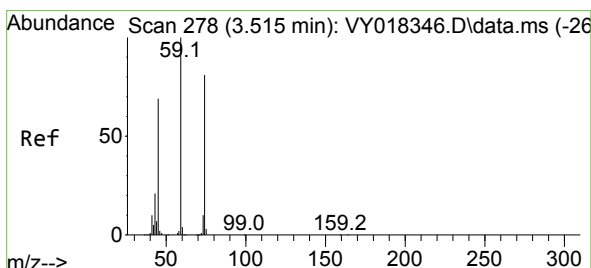
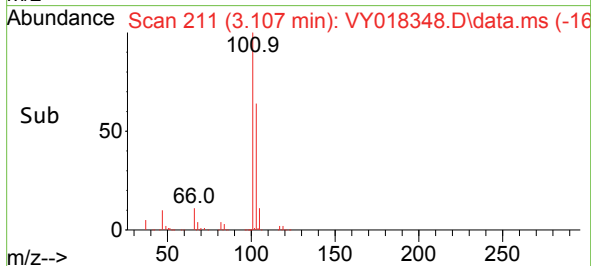
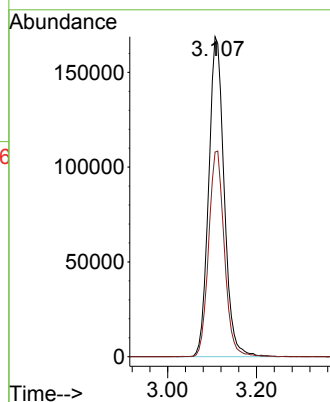
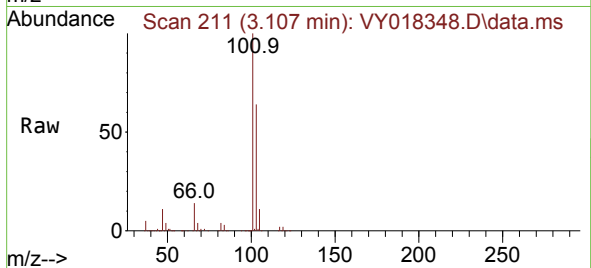




#7
Trichlorofluoromethane
Concen: 153.997 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

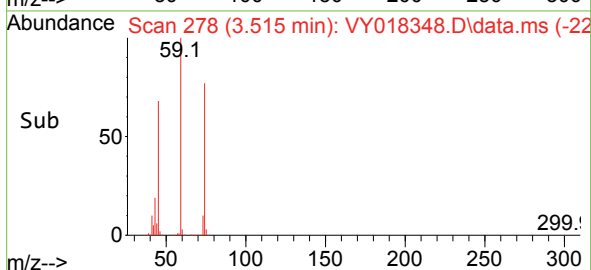
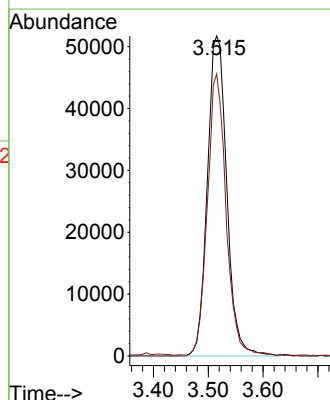
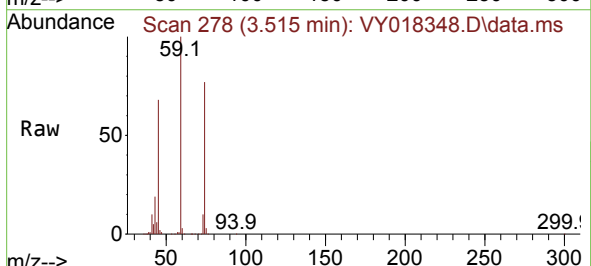
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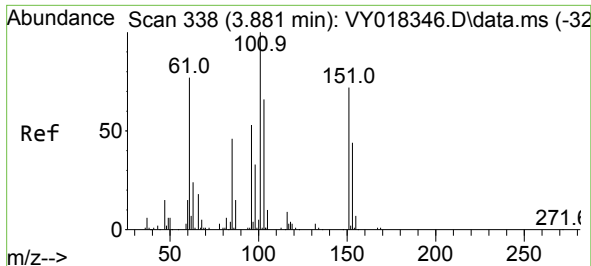
Tgt Ion:101 Resp: 410322
Ion Ratio Lower Upper
101 100
103 63.9 49.3 73.9



#8
Diethyl Ether
Concen: 149.044 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 74 Resp: 126804
Ion Ratio Lower Upper
74 100
45 85.0 41.3 124.1

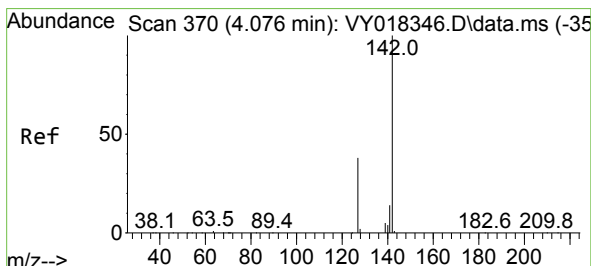
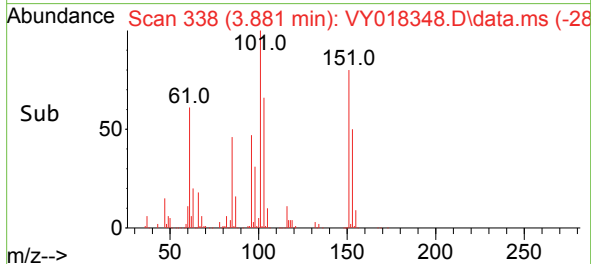
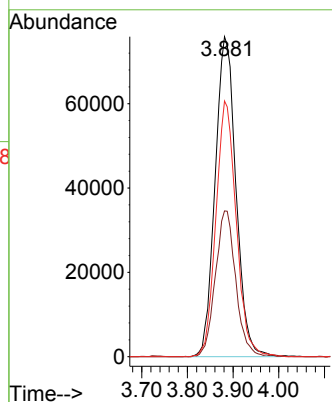
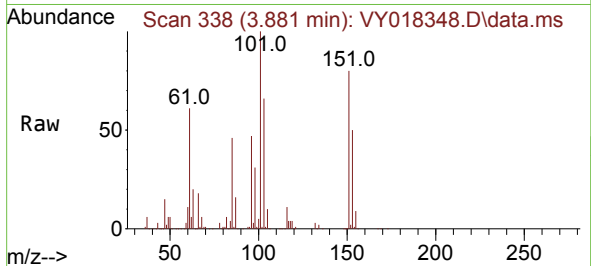




#9
1,1,2-Trichlorotrifluoroethane
Concen: 146.522 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

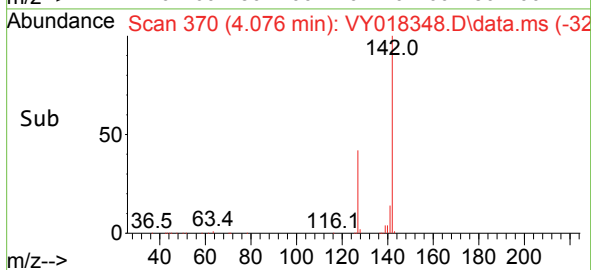
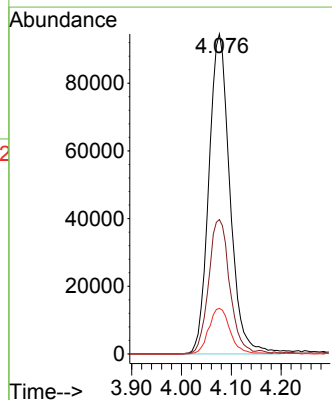
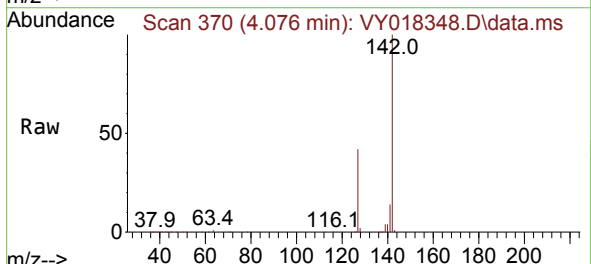
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

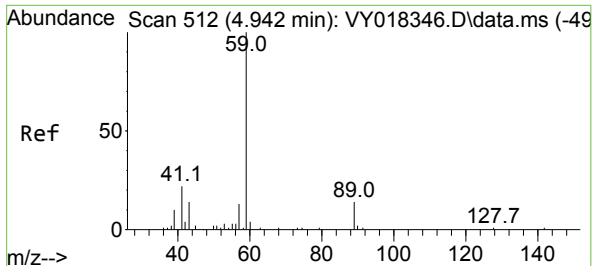
Tgt Ion:101 Resp: 240850
Ion Ratio Lower Upper
101 100
85 44.7 34.5 51.7
151 78.0 61.7 92.5



#10
Methyl Iodide
Concen: 167.698 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion:142 Resp: 277223
Ion Ratio Lower Upper
142 100
127 42.0 32.8 49.2
141 14.5 11.4 17.2

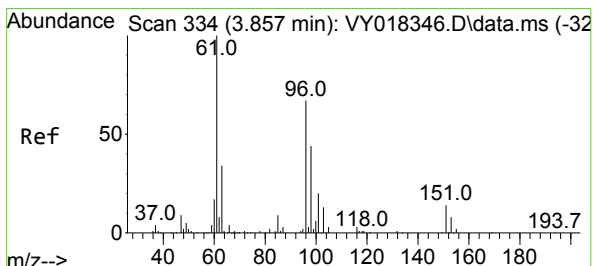
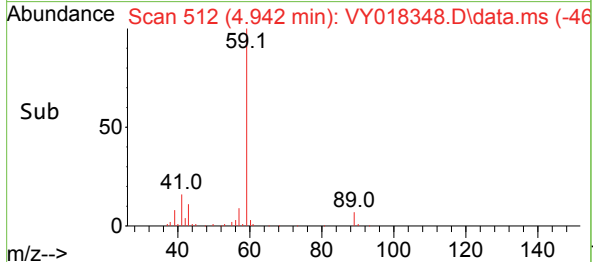
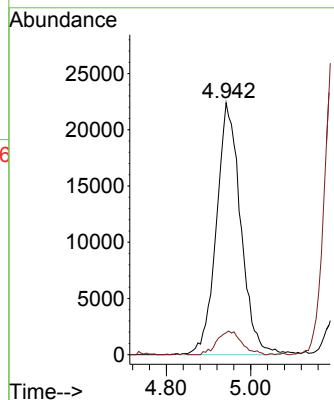
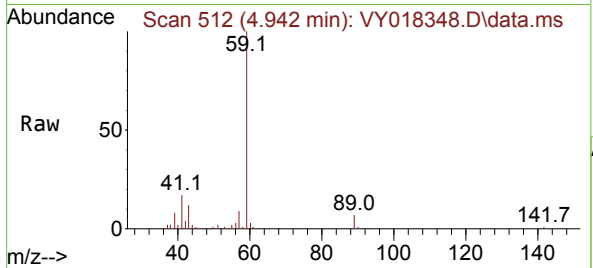




#11
Tert butyl alcohol
Concen: 759.505 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

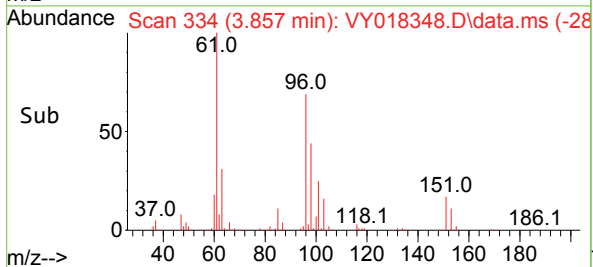
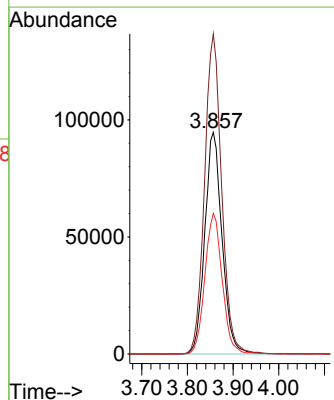
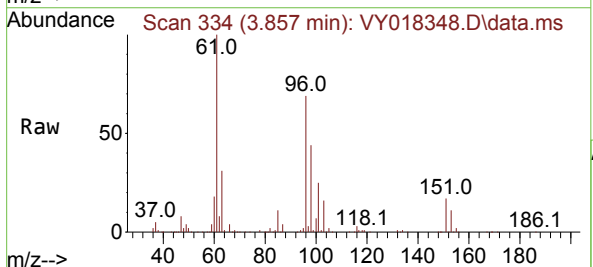
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

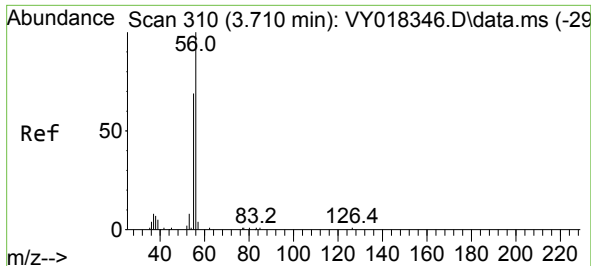
Tgt Ion: 59 Resp: 89190
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 153.478 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 96 Resp: 248475
Ion Ratio Lower Upper
96 100
61 144.4 114.6 171.8
98 63.5 50.8 76.2





#13

Acrolein

Concen: 763.366 ug/l

RT: 3.716 min Scan# 310

Delta R.T. 0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

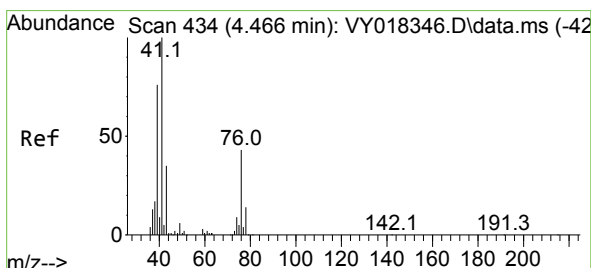
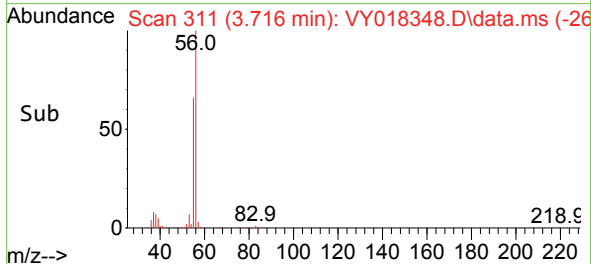
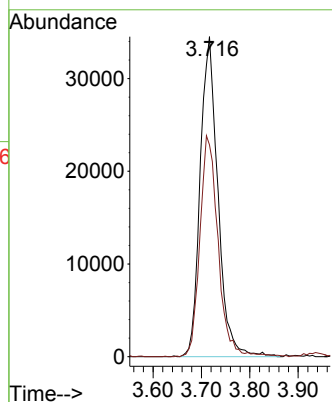
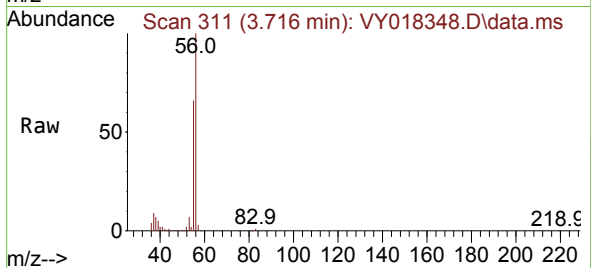
VSTDIC150

Tgt Ion: 56 Resp: 87729

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 143.568 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

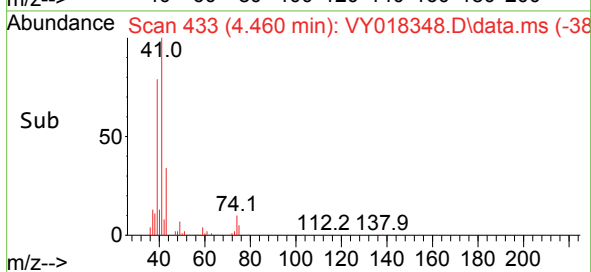
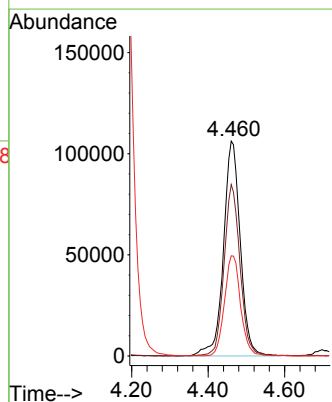
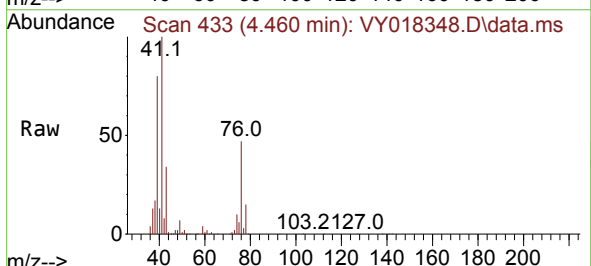
Tgt Ion: 41 Resp: 324622

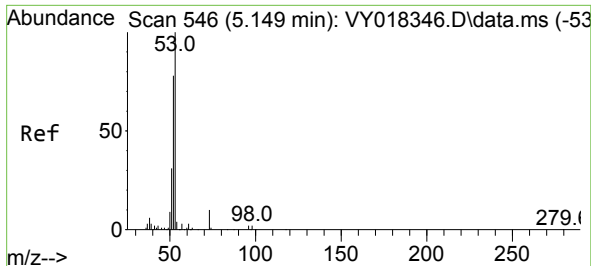
Ion Ratio Lower Upper

41 100

39 76.1 58.3 87.5

76 44.3 39.0 58.6

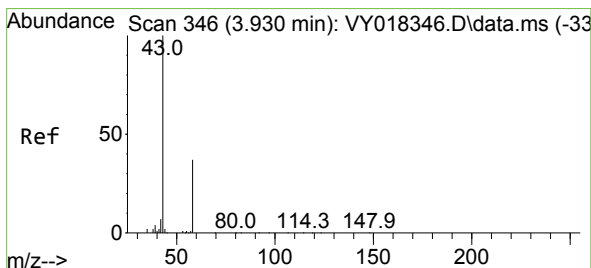
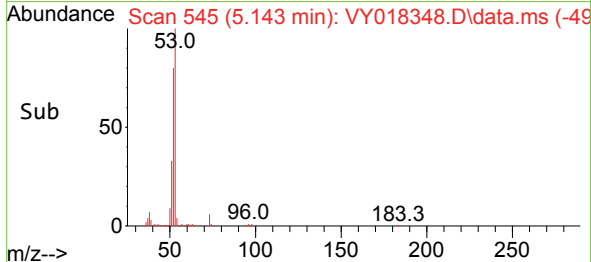
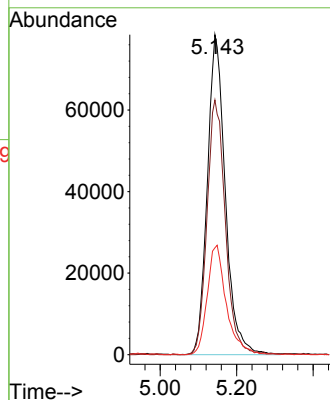
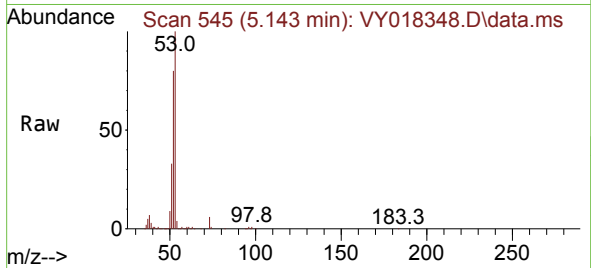




#15
Acrylonitrile
Concen: 696.968 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

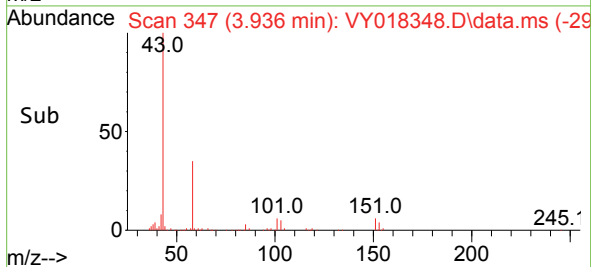
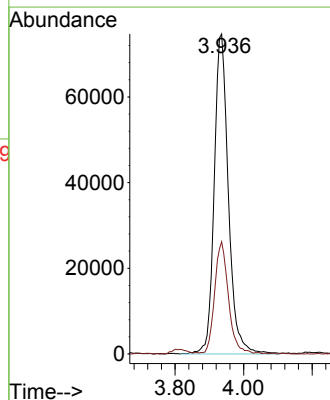
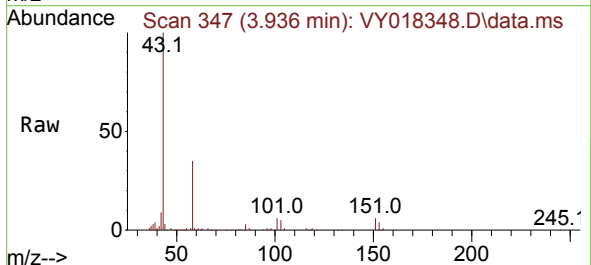
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

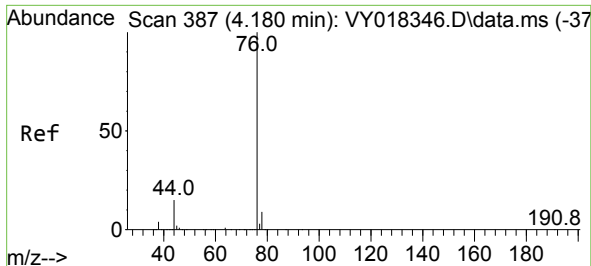
Tgt Ion: 53 Resp: 256476
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 36.3 28.4 42.6



#16
Acetone
Concen: 720.241 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 43 Resp: 214743
Ion Ratio Lower Upper
43 100
58 34.9 31.7 47.5

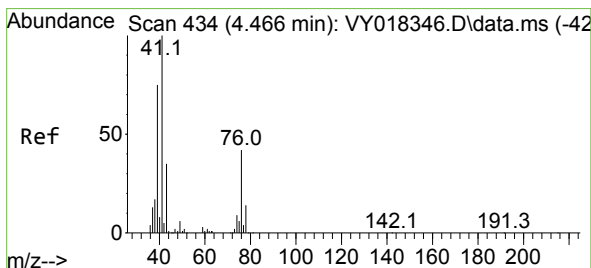
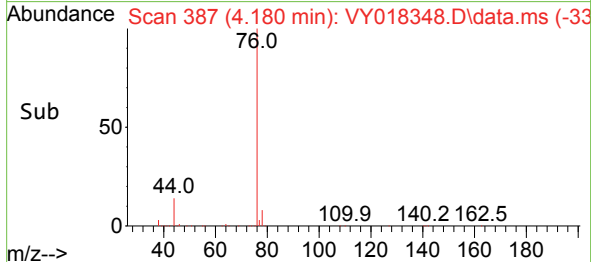
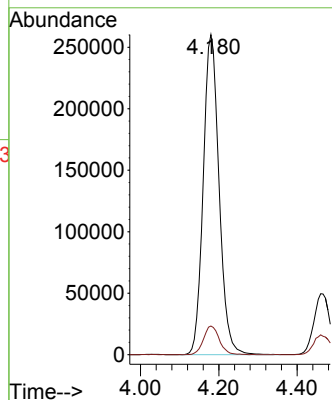
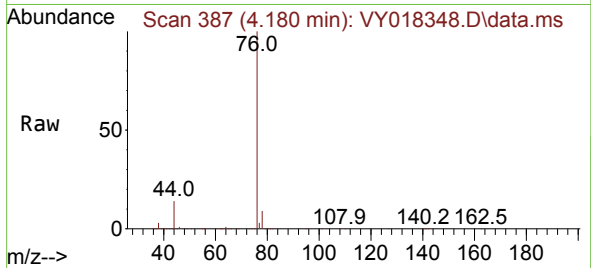




#17
Carbon Disulfide
Concen: 161.507 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

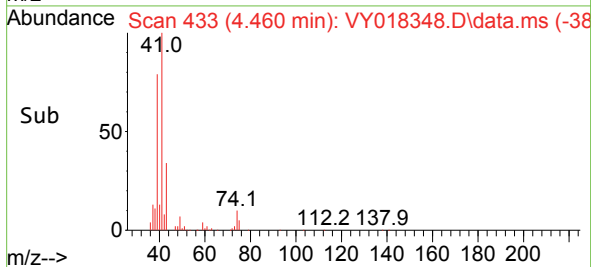
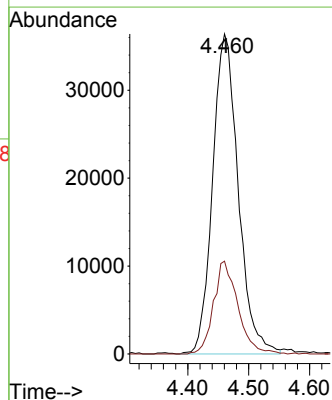
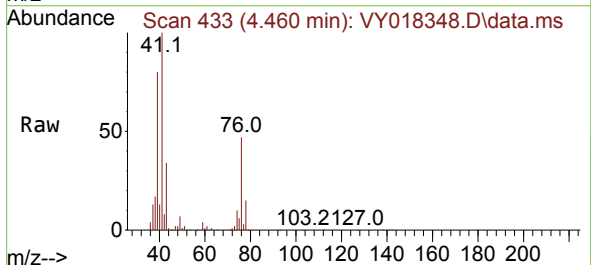
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

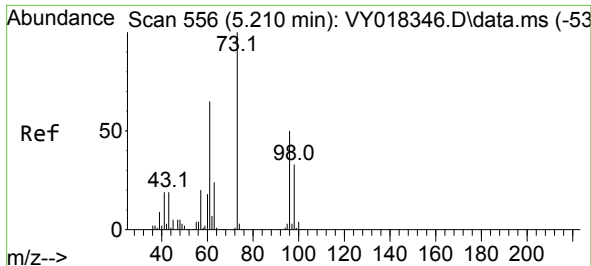
Tgt Ion: 76 Resp: 730169
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 134.789 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 43 Resp: 106520
Ion Ratio Lower Upper
43 100
74 27.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 144.675 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

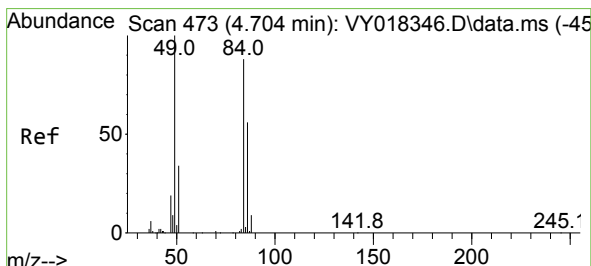
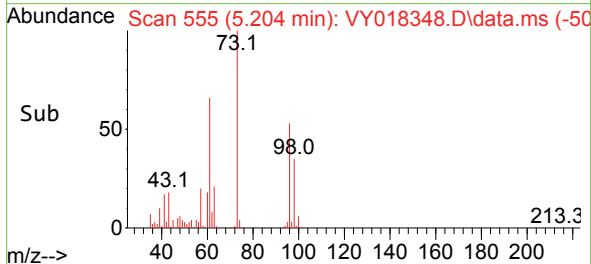
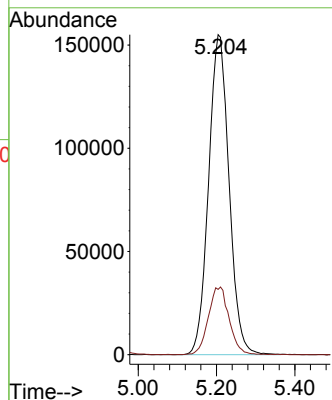
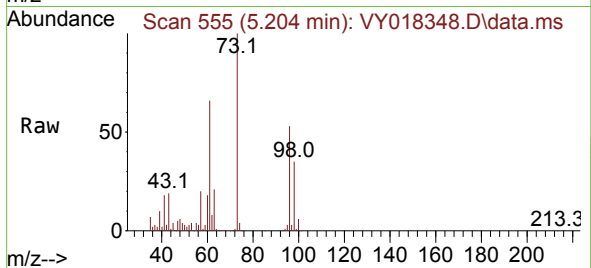
VSTDIC150

Tgt Ion: 73 Resp: 561632

Ion Ratio Lower Upper

73 100

57 20.3 17.3 25.9



#20

Methylene Chloride

Concen: 150.571 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Tgt Ion: 84 Resp: 241776

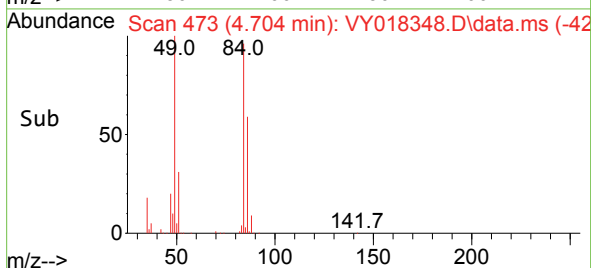
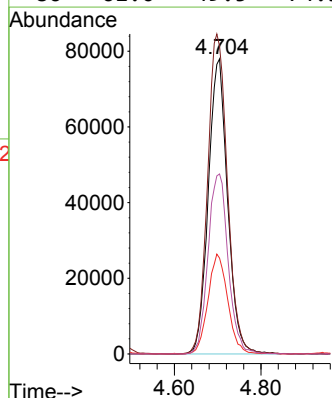
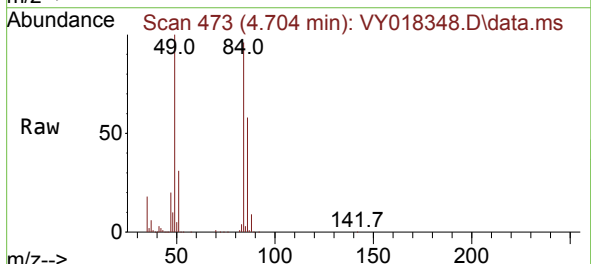
Ion Ratio Lower Upper

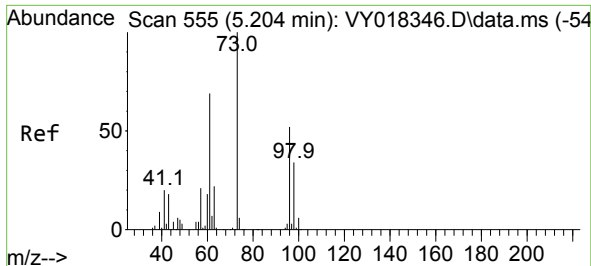
84 100

49 104.2 84.4 126.6

51 32.5 26.0 39.0

86 61.0 49.5 74.3

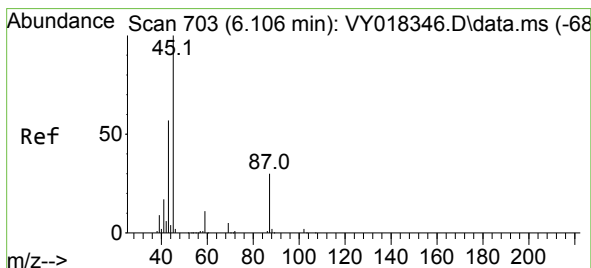
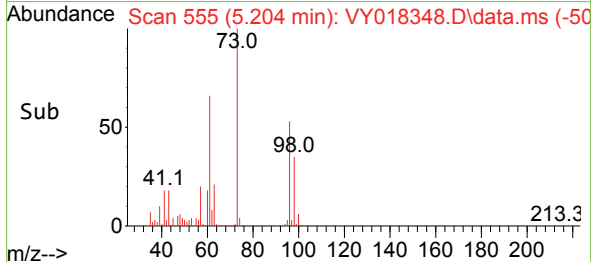
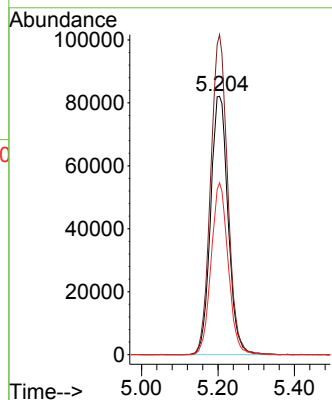
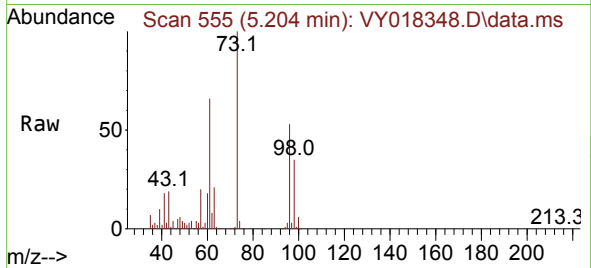




#21
trans-1,2-Dichloroethene
Concen: 152.678 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

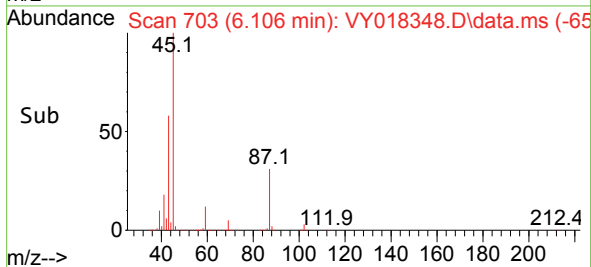
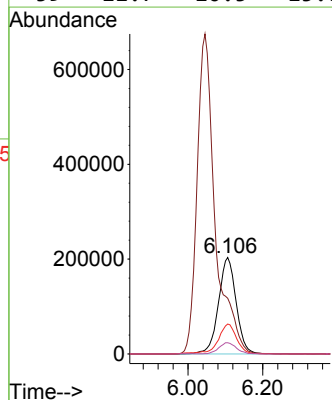
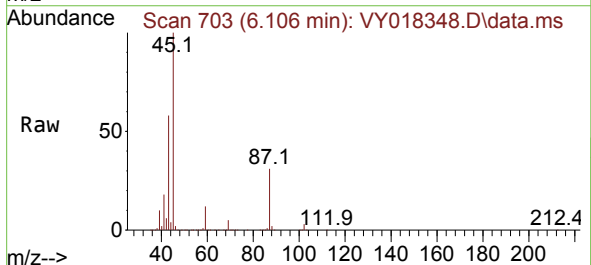
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

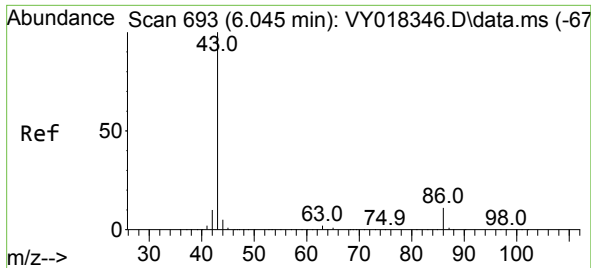
Tgt Ion: 96 Resp: 260756
Ion Ratio Lower Upper
96 100
61 123.8 97.5 146.3
98 66.5 50.5 75.7



#22
Diisopropyl ether
Concen: 142.510 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 45 Resp: 669613
Ion Ratio Lower Upper
45 100
43 57.6 42.2 63.2
87 31.0 25.0 37.6
59 11.7 10.5 15.7

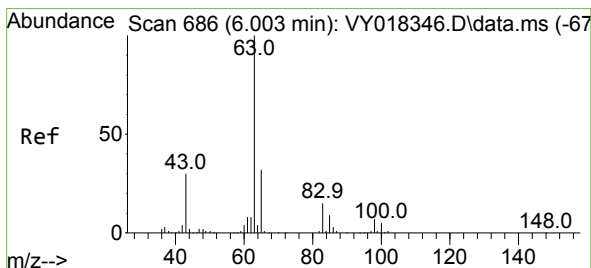
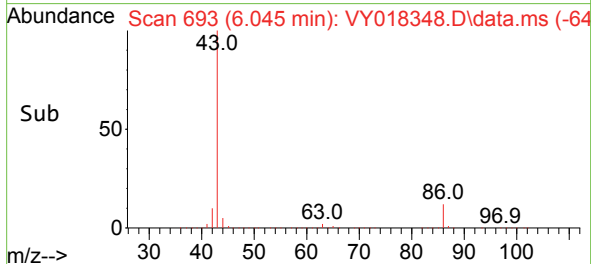
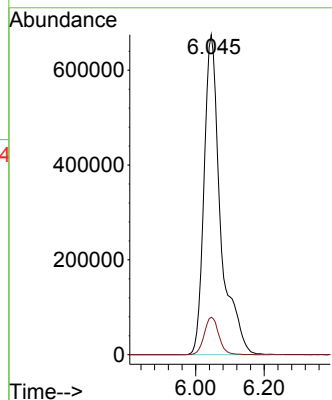
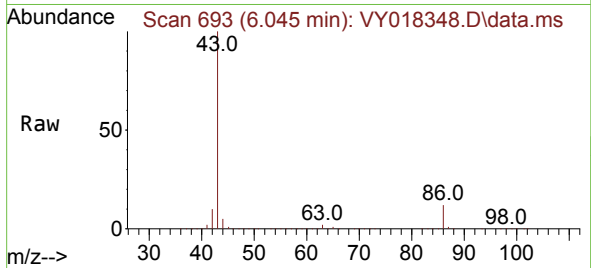




#23
 Vinyl Acetate
 Concen: 751.893 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY018348.D
 Acq: 22 May 2024 14:39

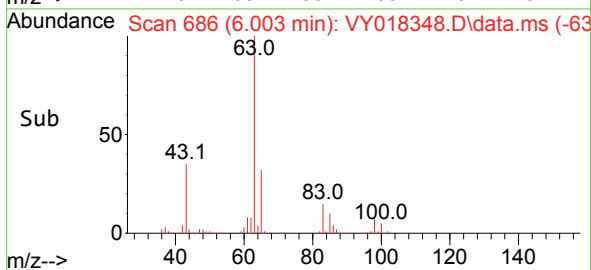
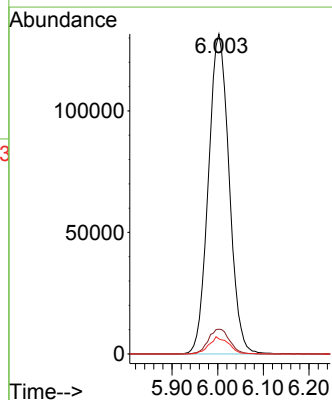
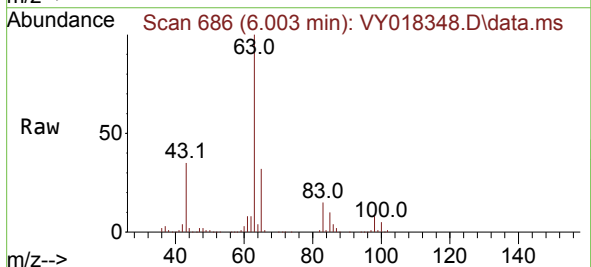
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

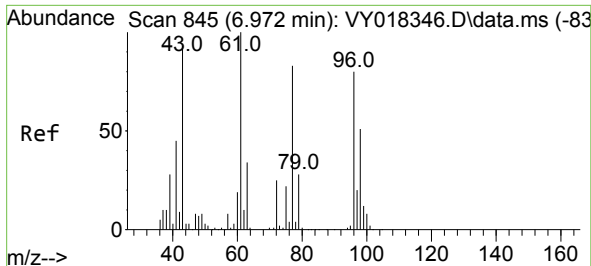
Tgt Ion: 43 Resp: 2262204
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 143.961 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY018348.D
 Acq: 22 May 2024 14:39

Tgt Ion: 63 Resp: 414837
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 723.848 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

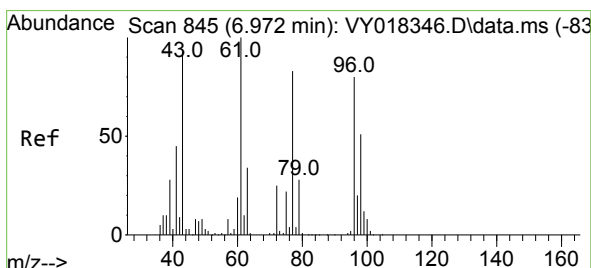
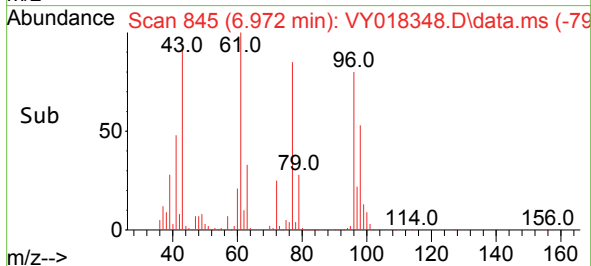
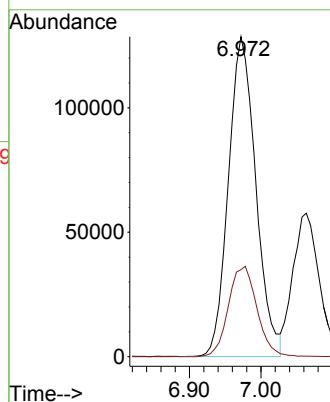
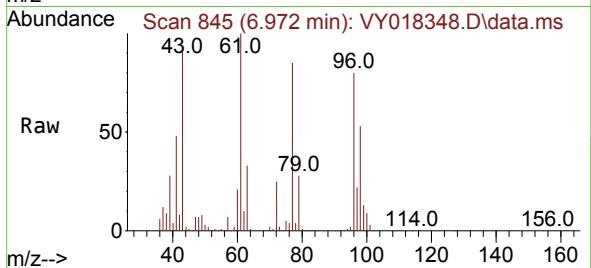
VSTDIC150

Tgt Ion: 43 Resp: 342006

Ion Ratio Lower Upper

43 100

72 27.2 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 147.827 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018348.D

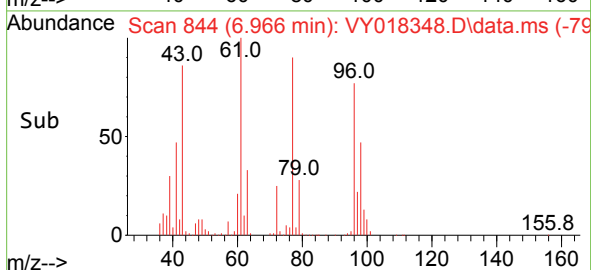
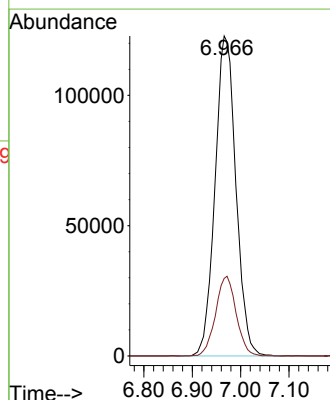
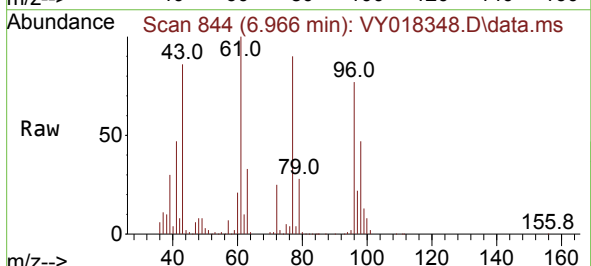
Acq: 22 May 2024 14:39

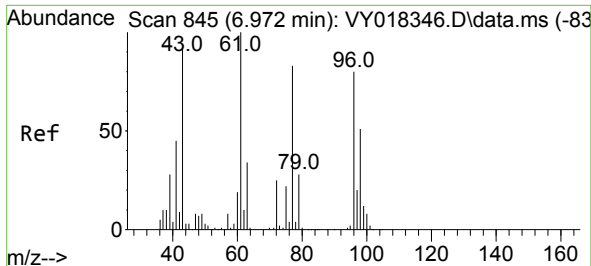
Tgt Ion: 77 Resp: 368238

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1



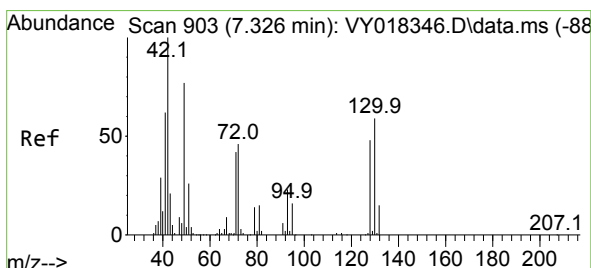
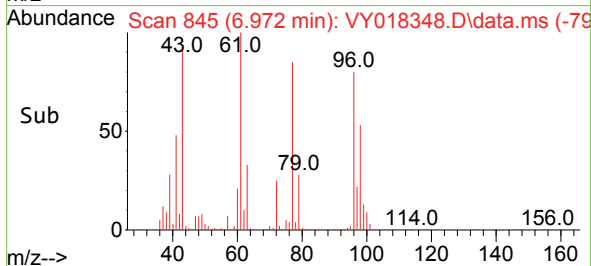
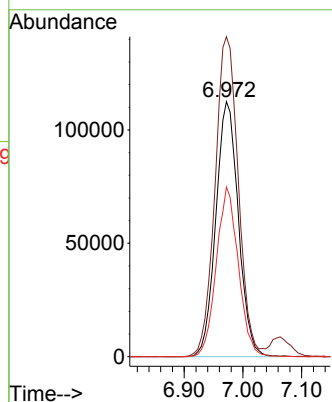
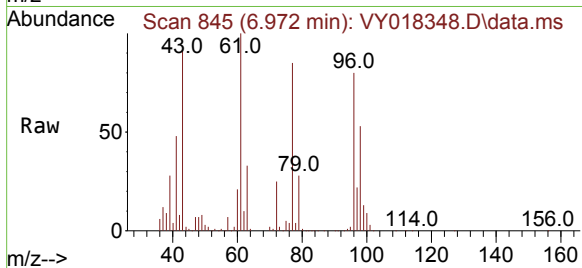


#27
 cis-1,2-Dichloroethene
 Concen: 149.250 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: VY018348.D
 Acq: 22 May 2024 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 299531

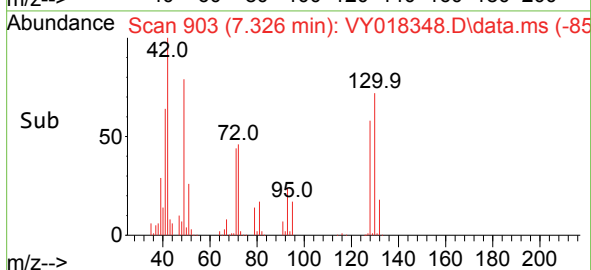
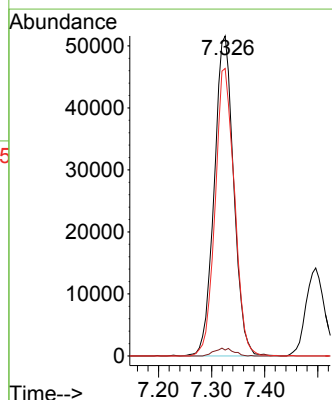
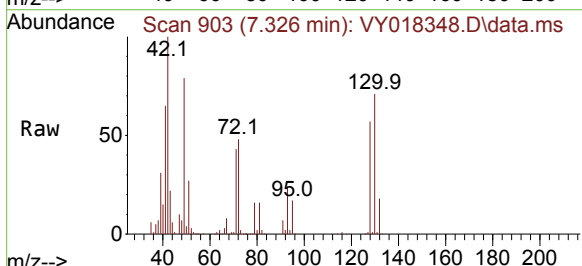
Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	256.2
98	65.1	0.0	130.0

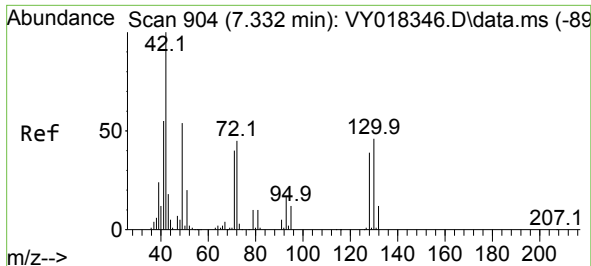


#28
 Bromochloromethane
 Concen: 134.519 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY018348.D
 Acq: 22 May 2024 14:39

Tgt Ion: 49 Resp: 131652

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	89.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 694.108 ug/l

RT: 7.338 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

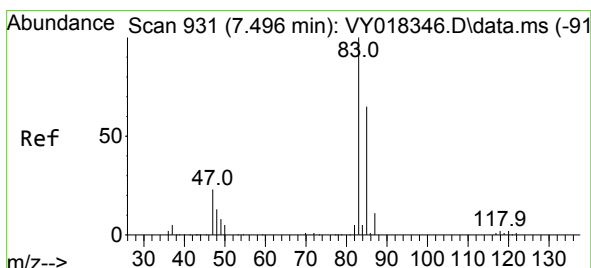
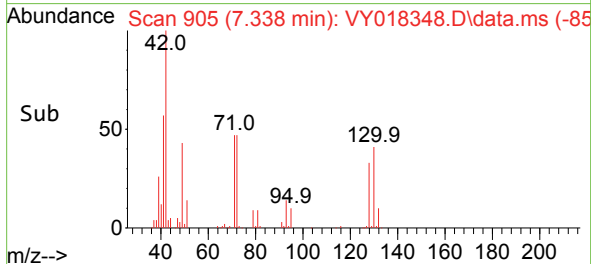
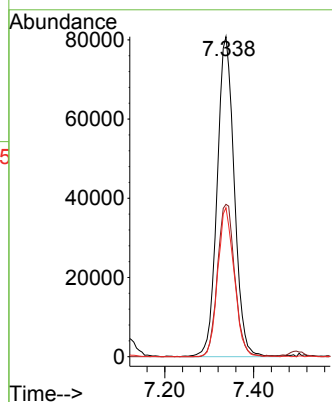
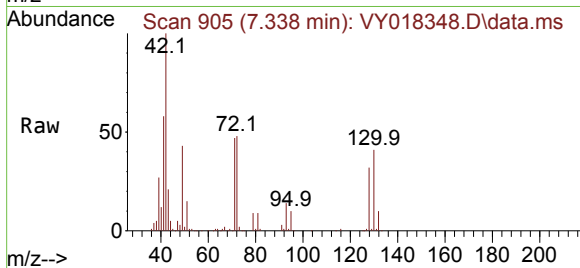
Tgt Ion: 42 Resp: 215862

Ion Ratio Lower Upper

42 100

72 48.2 43.0 64.4

71 44.9 40.8 61.2



#30

Chloroform

Concen: 145.615 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY018348.D

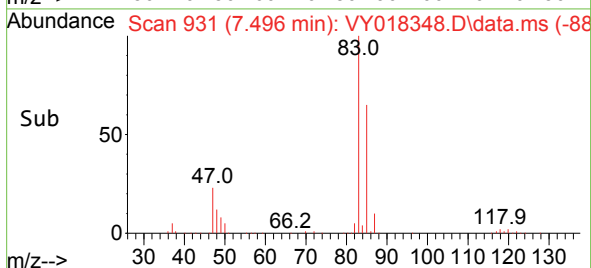
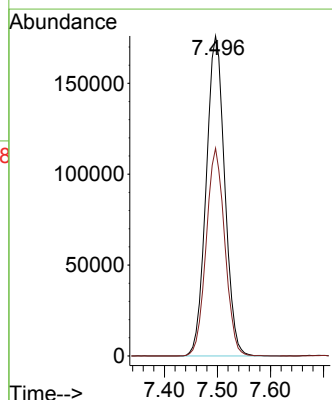
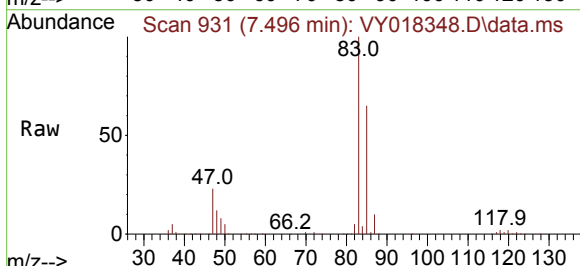
Acq: 22 May 2024 14:39

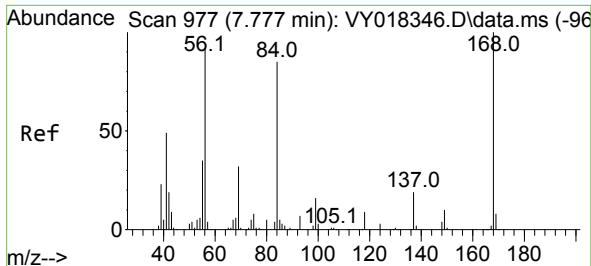
Tgt Ion: 83 Resp: 427690

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

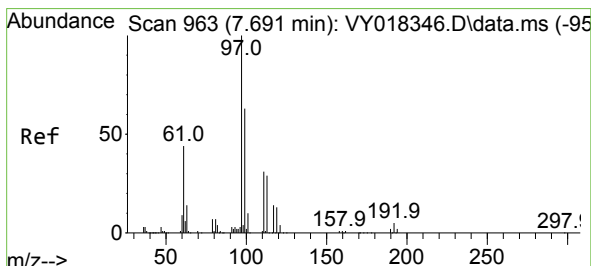
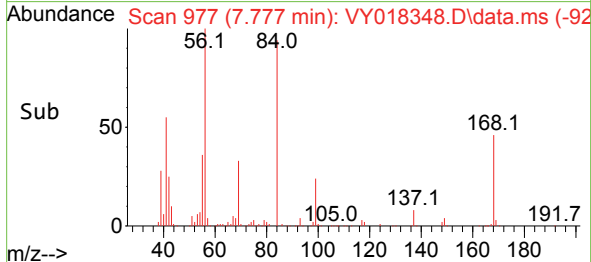
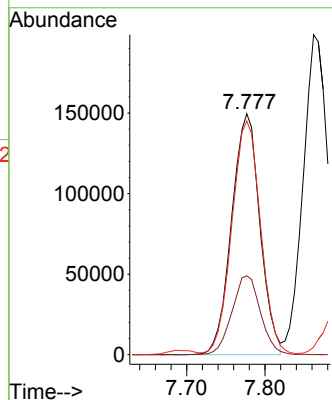
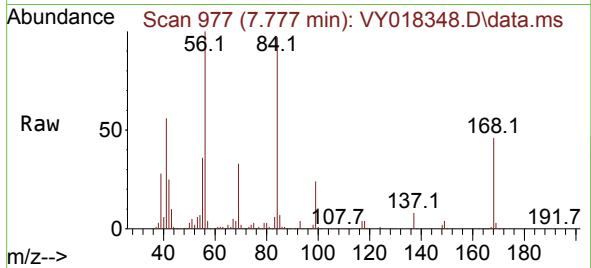




#31
Cyclohexane
Concen: 152.210 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

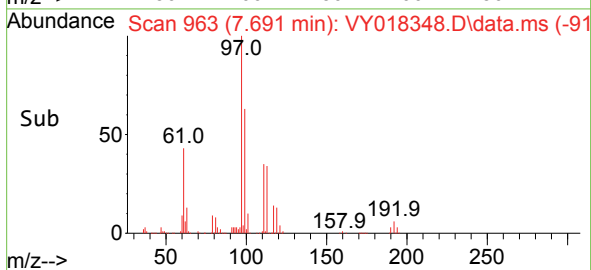
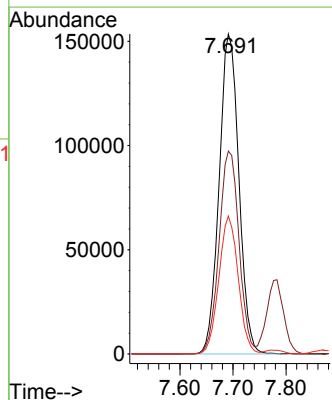
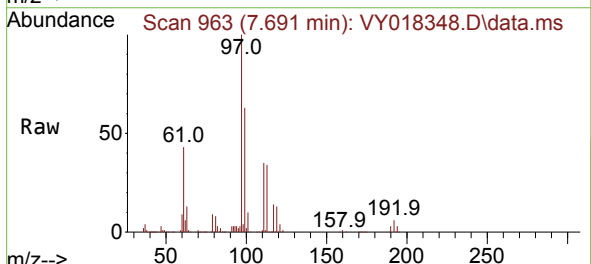
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

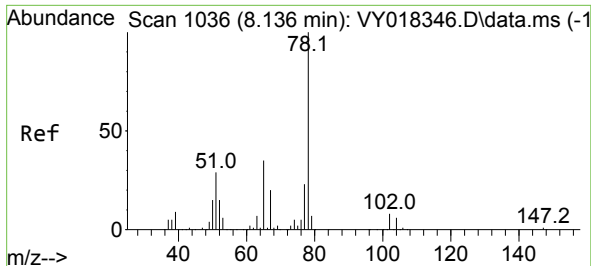
Tgt Ion: 56 Resp: 375525
Ion Ratio Lower Upper
56 100
69 32.8 28.7 43.1
84 95.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 153.898 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 97 Resp: 396745
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 42.5 32.6 48.8

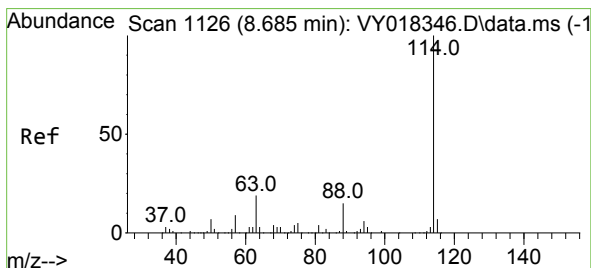
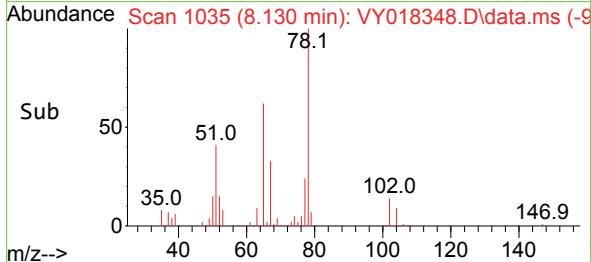
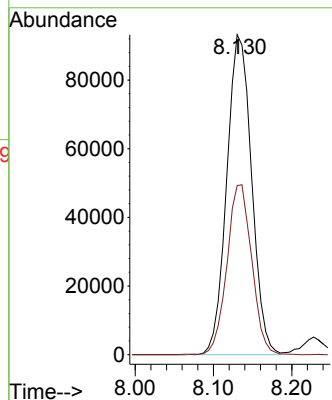
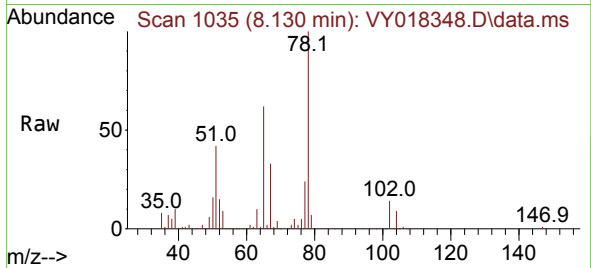




#33
1,2-Dichloroethane-d4
Concen: 141.694 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

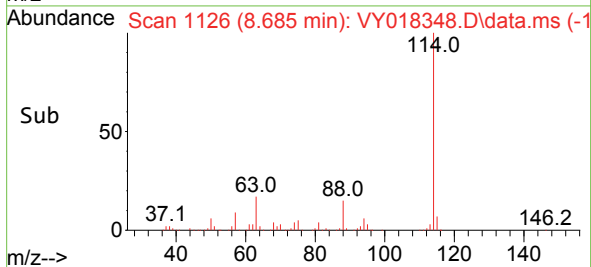
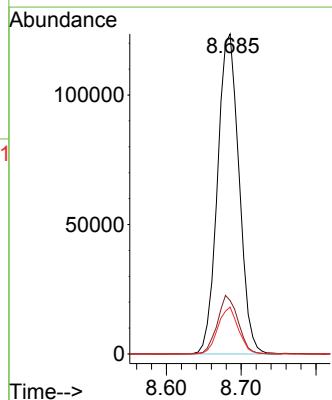
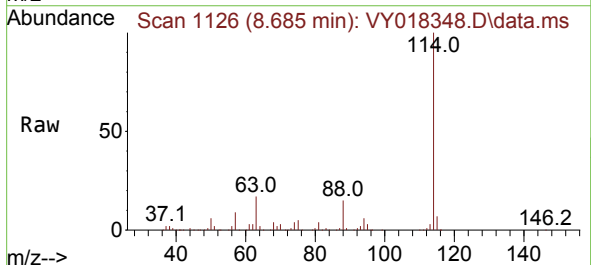
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

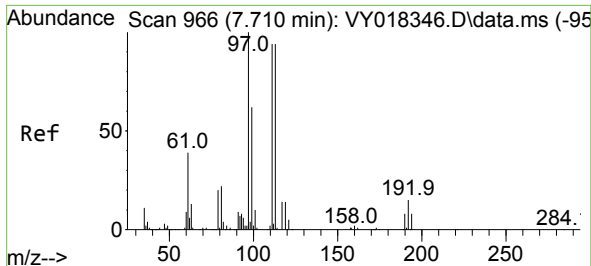
Tgt Ion: 65 Resp: 205404
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 114 Resp: 247116
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 14.6 0.0 27.2

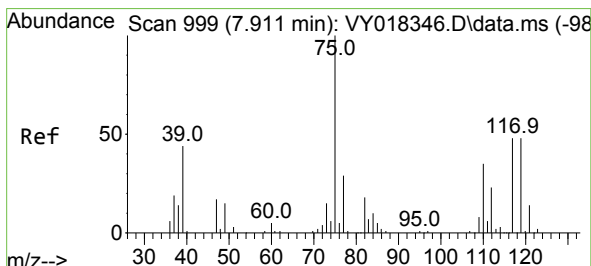
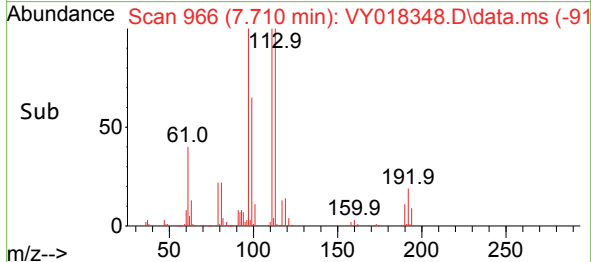
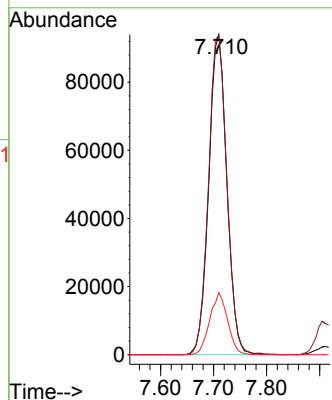
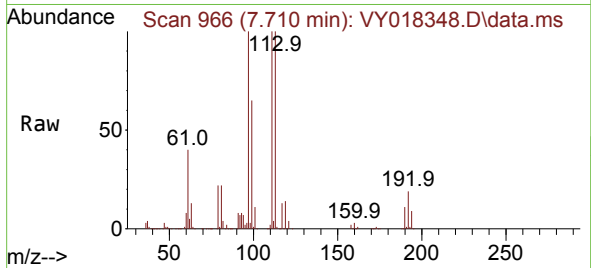




#35
Dibromofluoromethane
Concen: 154.112 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

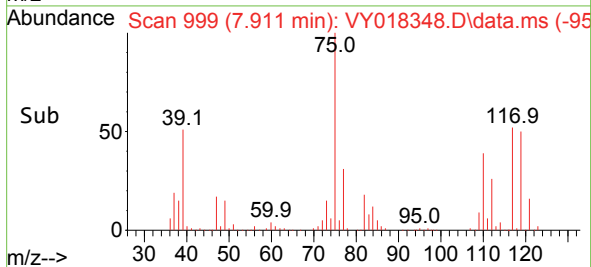
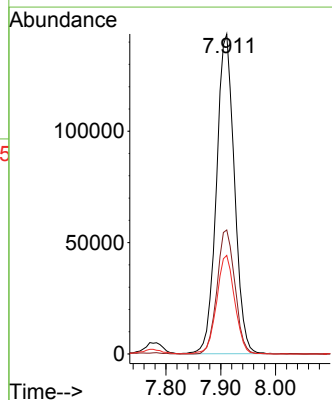
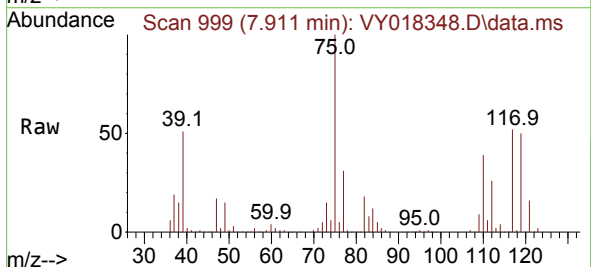
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

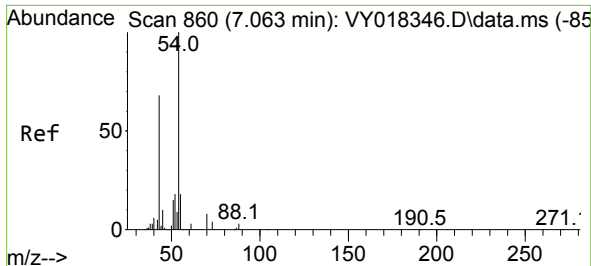
Tgt Ion:113 Resp: 222084
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 156.229 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 75 Resp: 326494
Ion Ratio Lower Upper
75 100
110 38.7 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 151.326 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

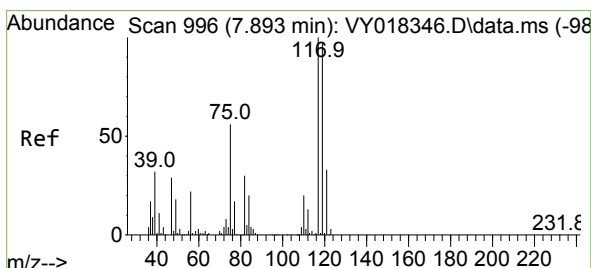
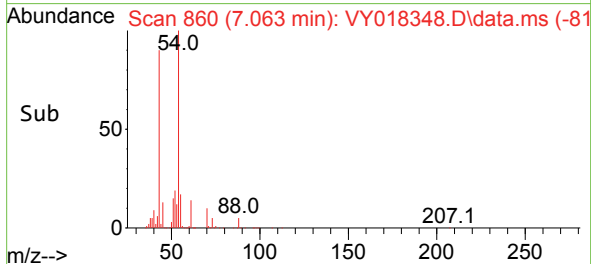
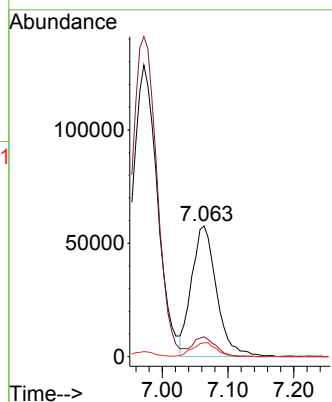
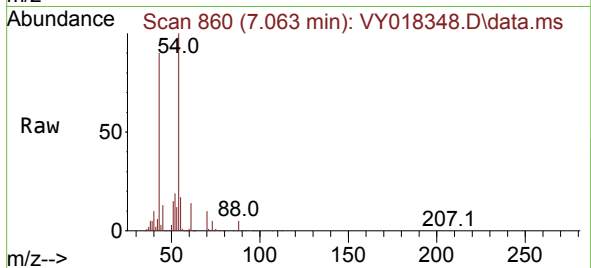
Tgt Ion: 43 Resp: 151285

Ion Ratio Lower Upper

43 100

61 13.5 12.6 19.0

70 10.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 167.761 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

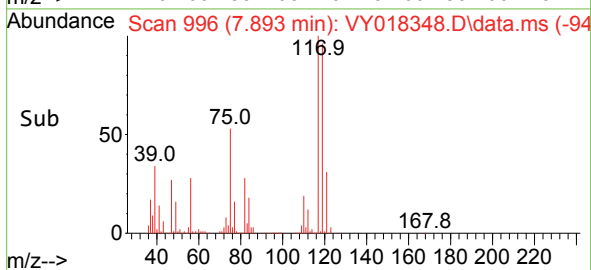
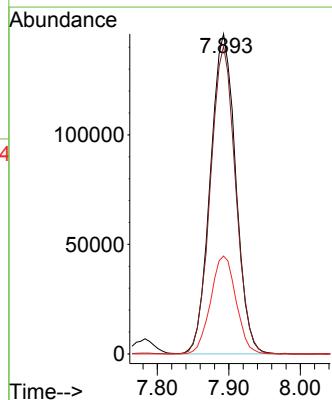
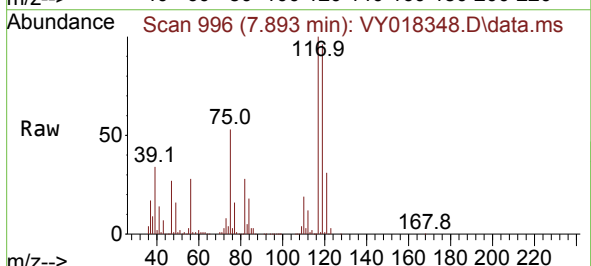
Tgt Ion: 117 Resp: 359089

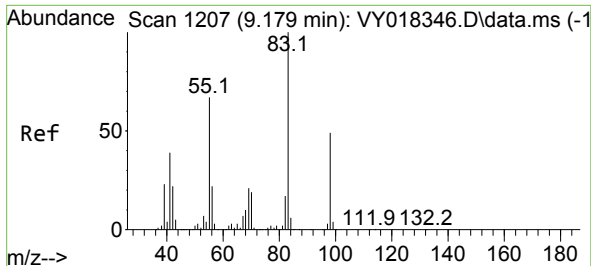
Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.6

121 30.6 24.0 36.0

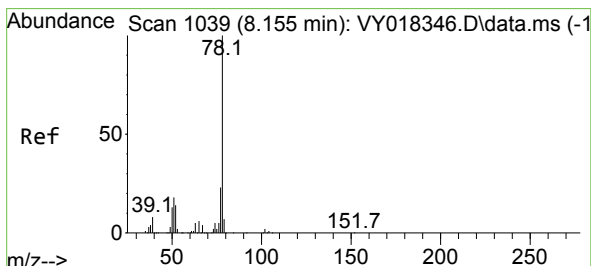
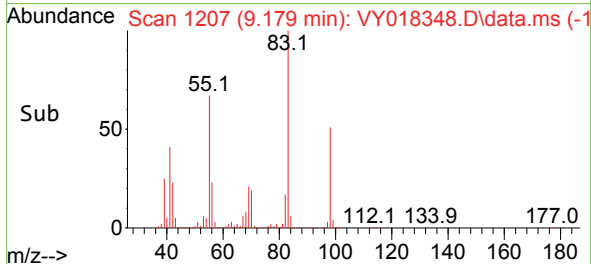
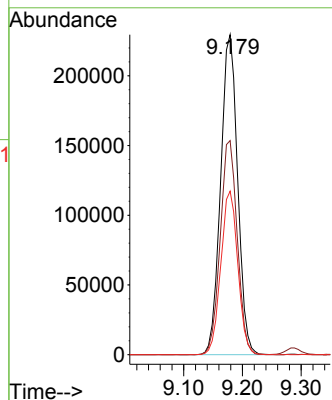
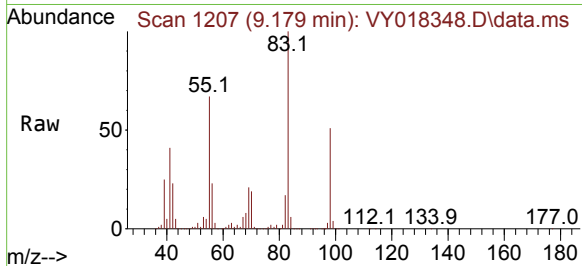




#39
Methylcyclohexane
Concen: 158.023 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

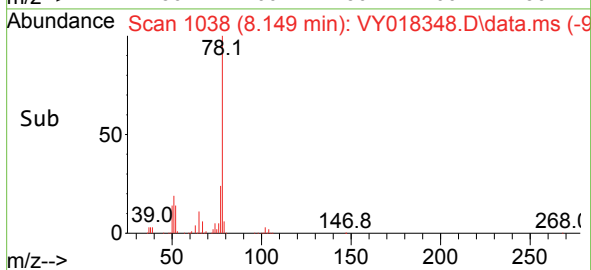
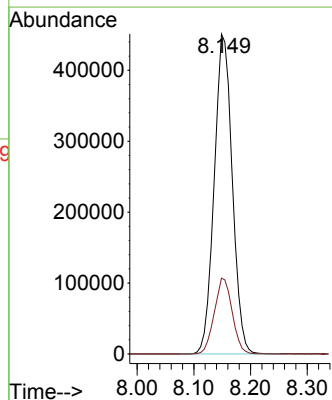
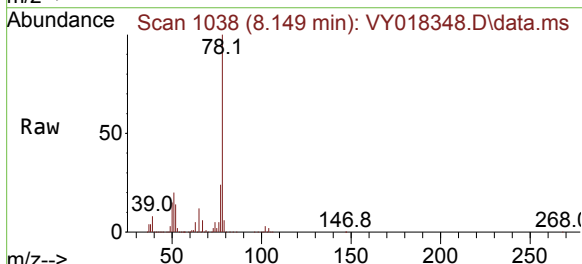
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

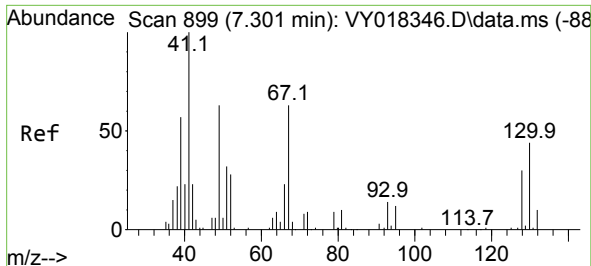
Tgt Ion: 83 Resp: 460686
Ion Ratio Lower Upper
83 100
55 66.9 51.5 77.3
98 51.1 40.5 60.7



#40
Benzene
Concen: 156.536 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 78 Resp: 997265
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

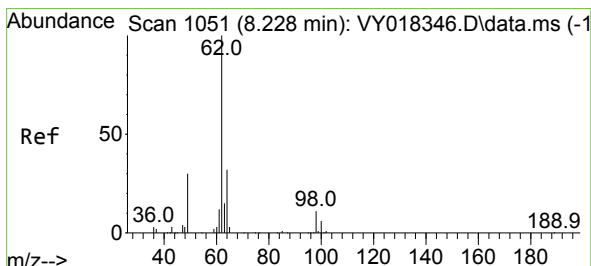
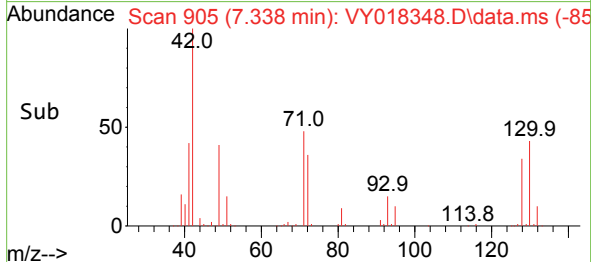
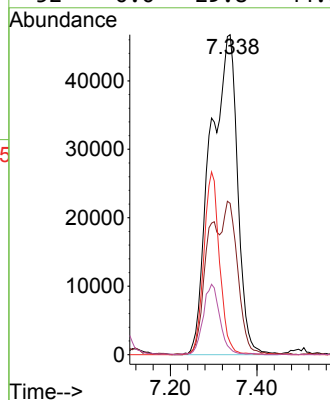
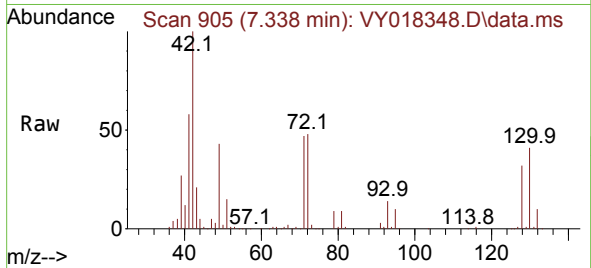




#41
Methacrylonitrile
Concen: 367.345 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

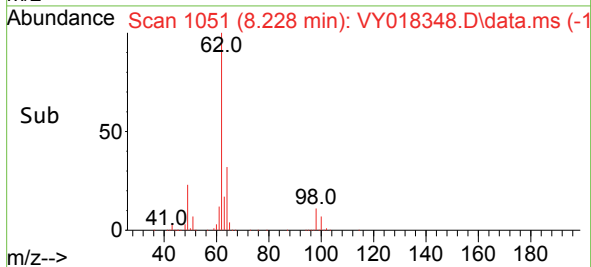
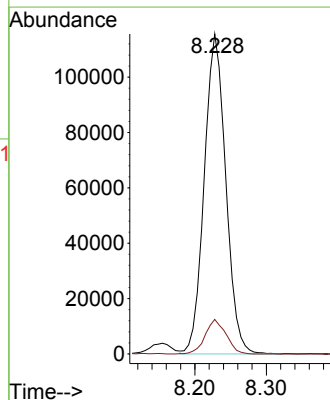
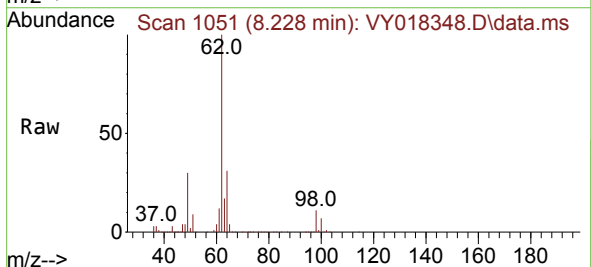
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

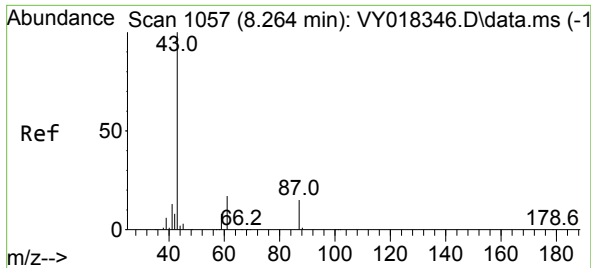
Tgt Ion: 41 Resp: 203059
Ion Ratio Lower Upper
41 100
39 24.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 157.793 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 62 Resp: 241812
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0

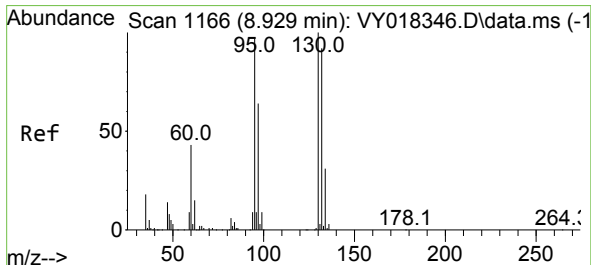
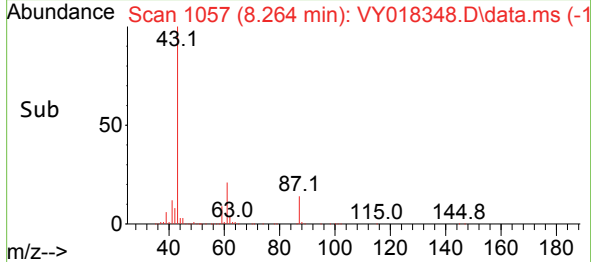
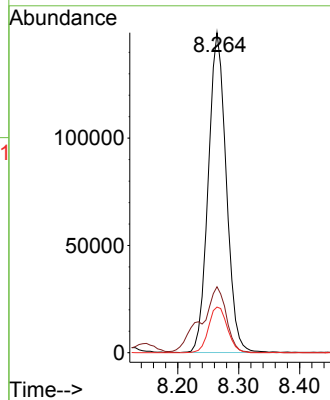
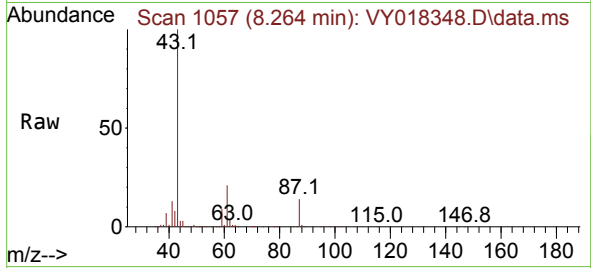




#43
Isopropyl Acetate
Concen: 156.545 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

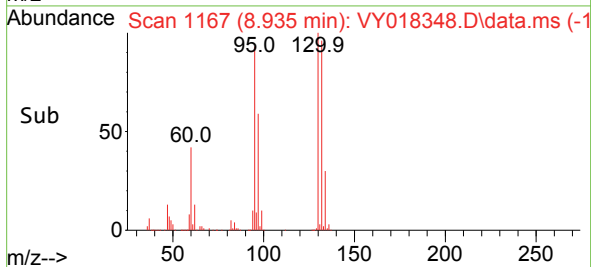
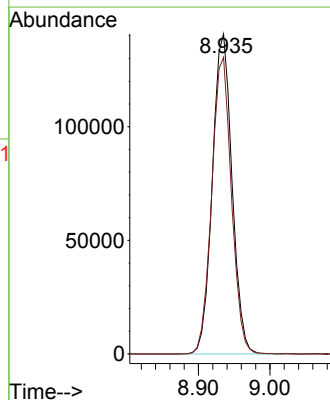
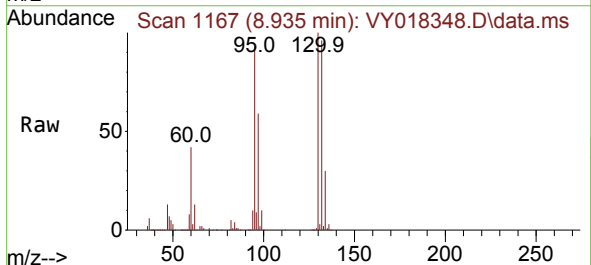
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

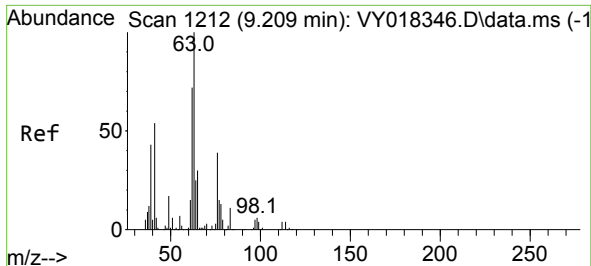
Tgt Ion: 43 Resp: 305359
Ion Ratio Lower Upper
43 100
61 28.8 27.9 41.9
87 15.0 13.1 19.7



#44
Trichloroethene
Concen: 164.433 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion:130 Resp: 268519
Ion Ratio Lower Upper
130 100
95 92.7 0.0 188.0

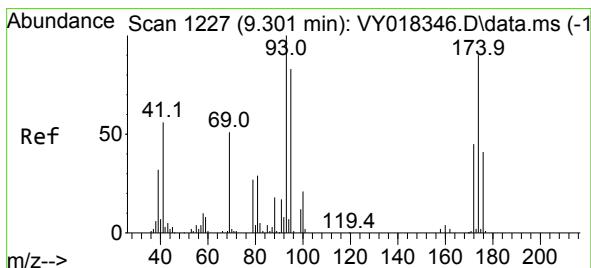
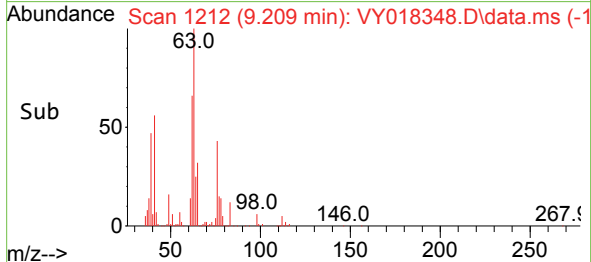
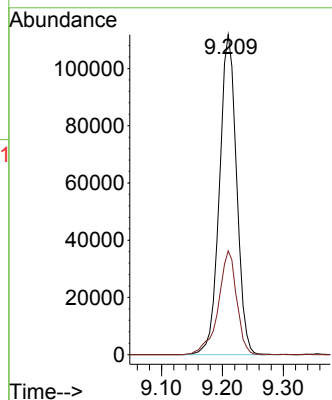
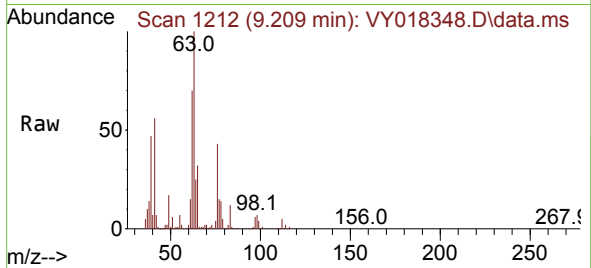




#45
1,2-Dichloropropane
Concen: 152.330 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

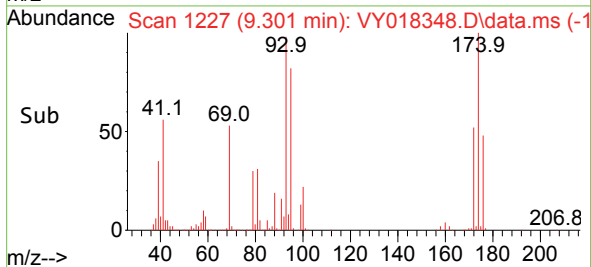
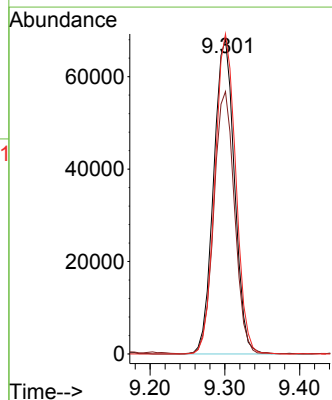
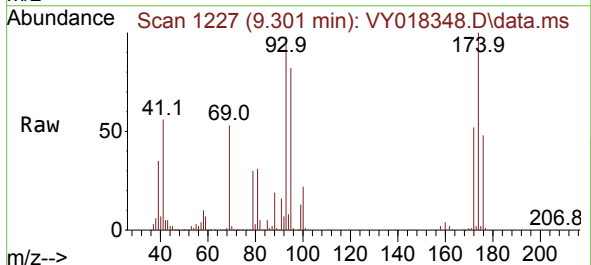
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

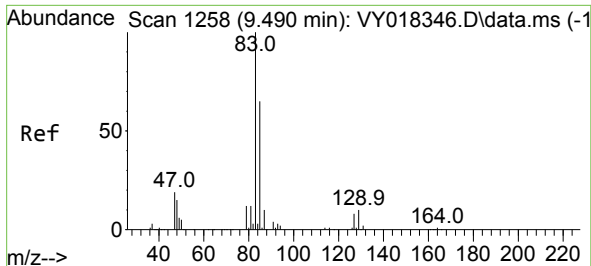
Tgt Ion: 63 Resp: 218269
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2



#46
Dibromomethane
Concen: 157.294 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 93 Resp: 132251
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.4
174 101.3 80.9 121.3

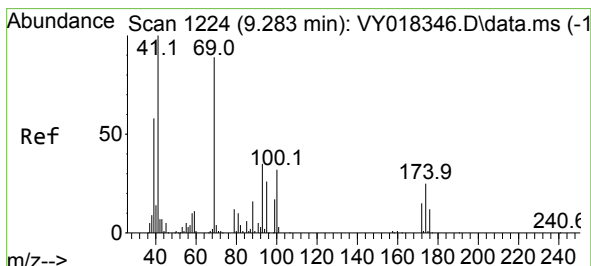
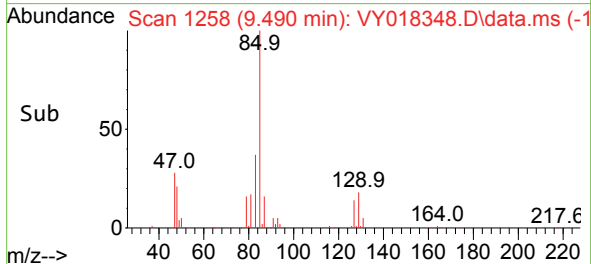
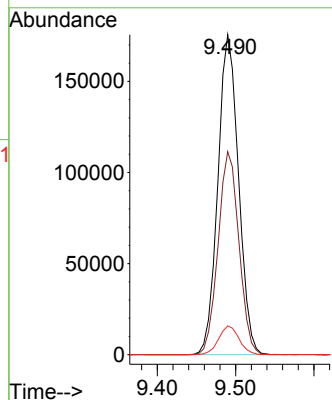
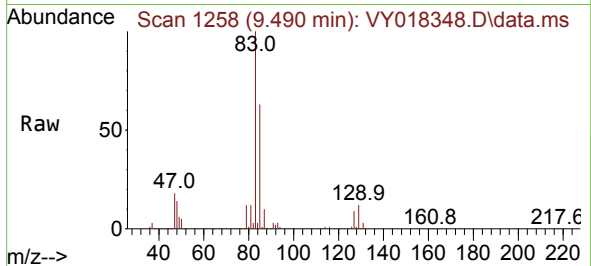




#47
Bromodichloromethane
Concen: 157.929 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

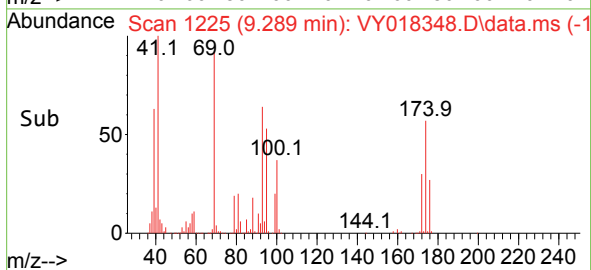
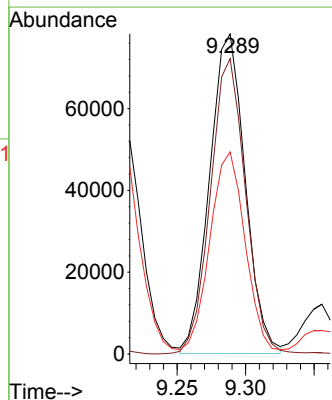
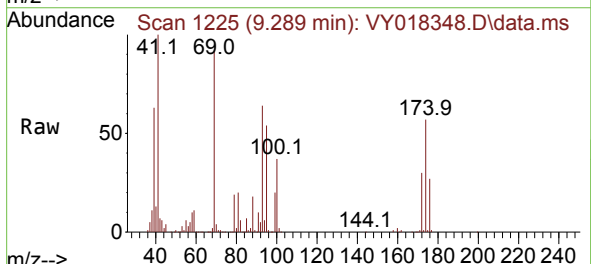
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

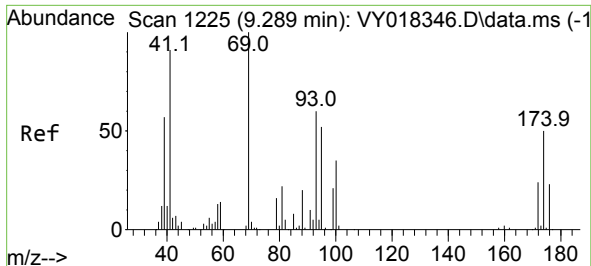
Tgt Ion: 83 Resp: 322251
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 159.908 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 41 Resp: 141093
Ion Ratio Lower Upper
41 100
69 91.5 84.1 126.1
39 60.6 43.6 65.4





#49

1,4-Dioxane

Concen: 3061.476 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

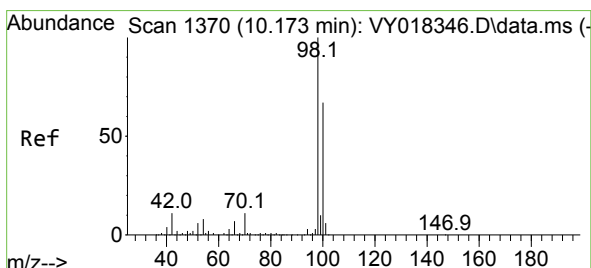
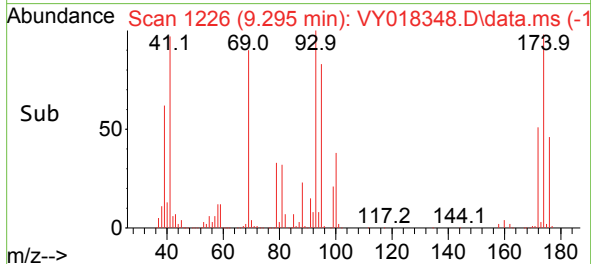
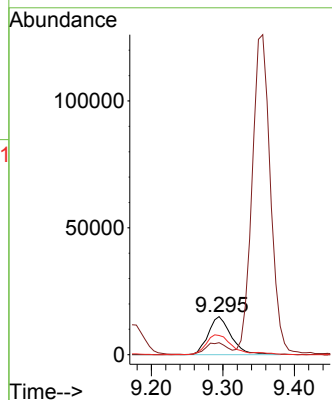
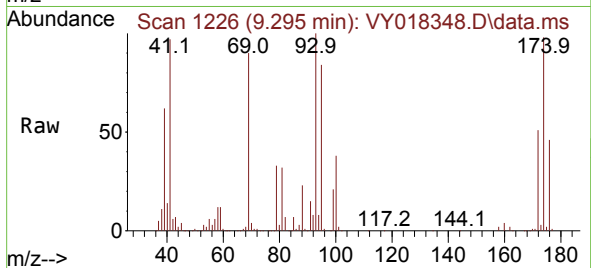
Tgt Ion: 88 Resp: 33397

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 56.9 49.3 73.9



#50

Toluene-d8

Concen: 152.214 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018348.D

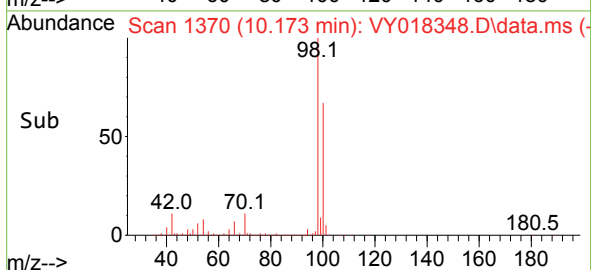
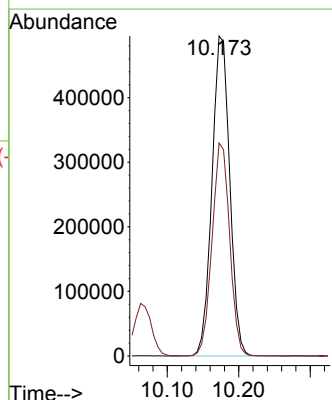
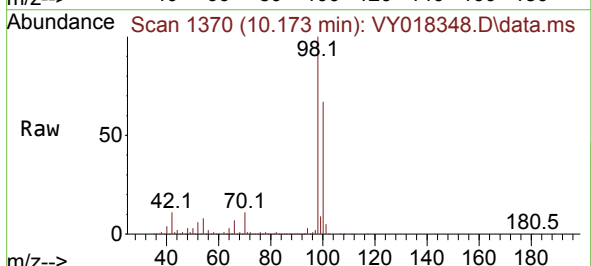
Acq: 22 May 2024 14:39

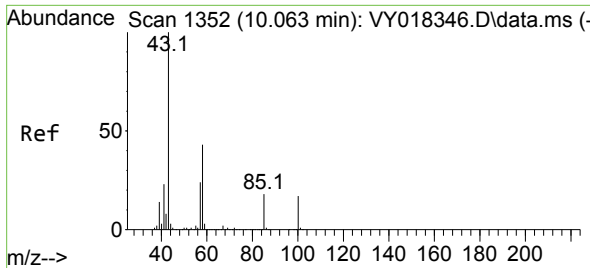
Tgt Ion: 98 Resp: 855202

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

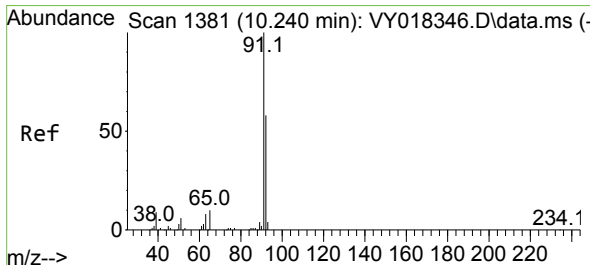
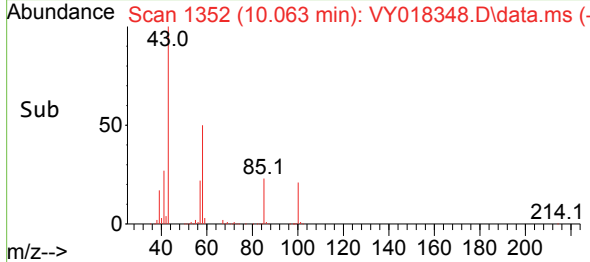
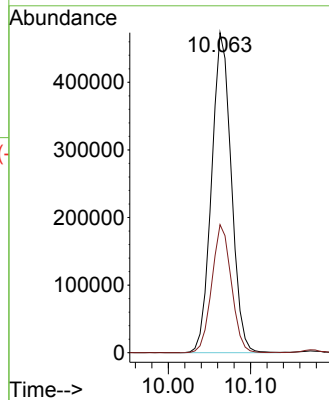
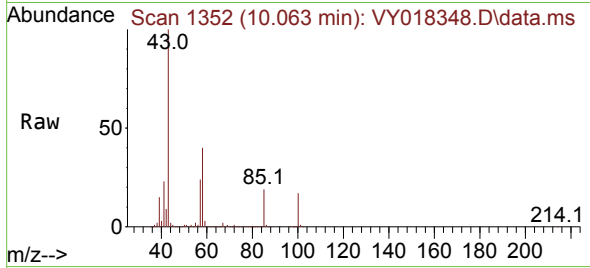




#51
4-Methyl-2-Pentanone
Concen: 799.386 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

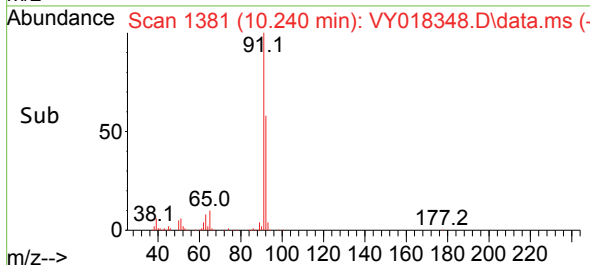
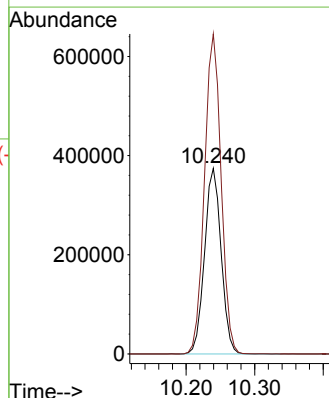
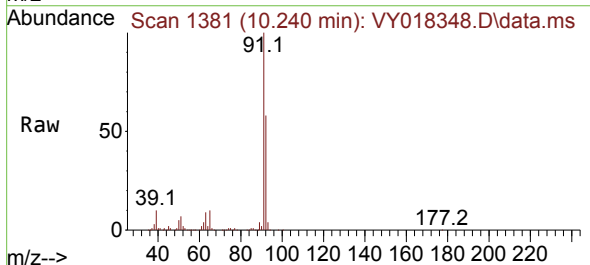
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

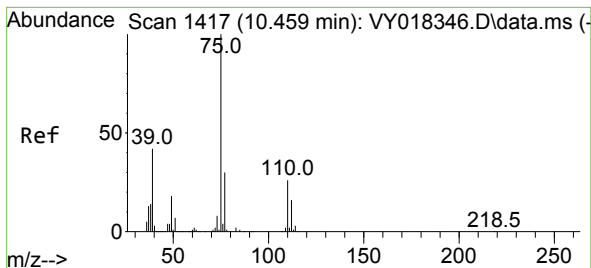
Tgt Ion: 43 Resp: 786950
Ion Ratio Lower Upper
43 100
58 39.7 35.7 53.5



#52
Toluene
Concen: 157.872 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 92 Resp: 630486
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6

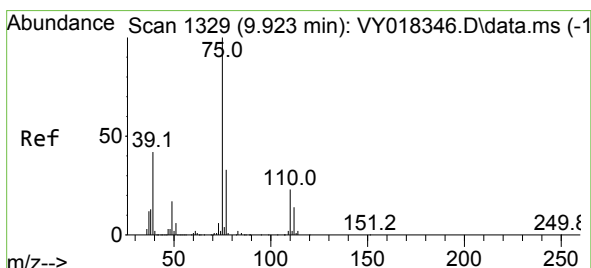
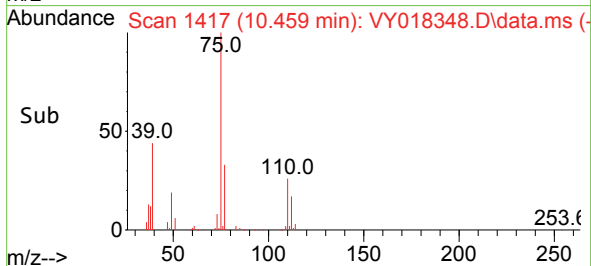
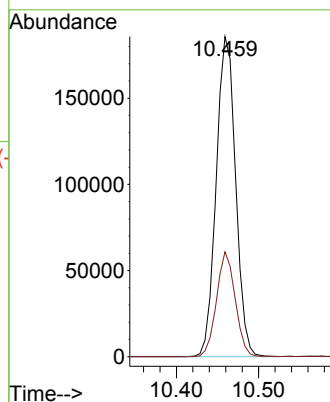
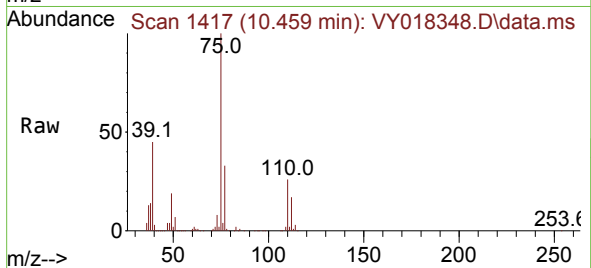




#53
t-1,3-Dichloropropene
Concen: 163.496 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

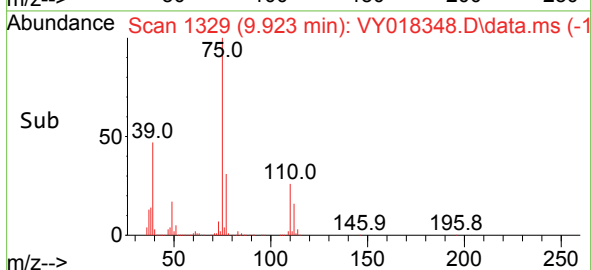
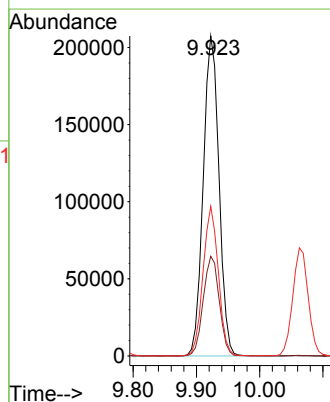
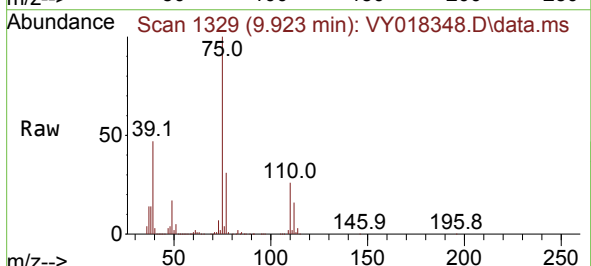
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

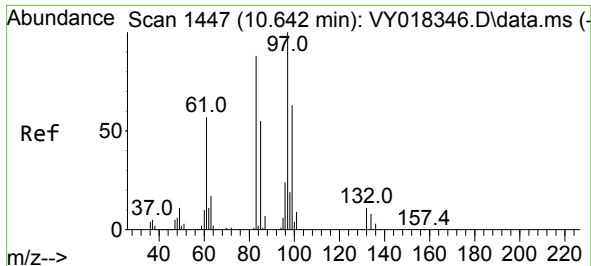
Tgt Ion: 75 Resp: 305006
Ion Ratio Lower Upper
75 100
77 32.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 157.550 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 75 Resp: 360144
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 46.7 29.8 44.6#



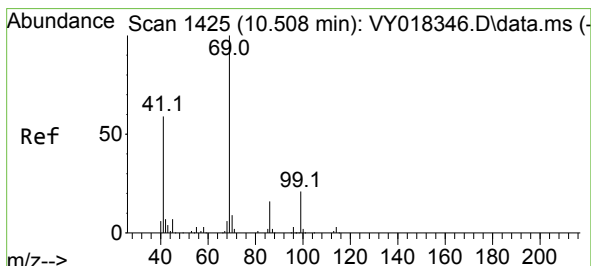
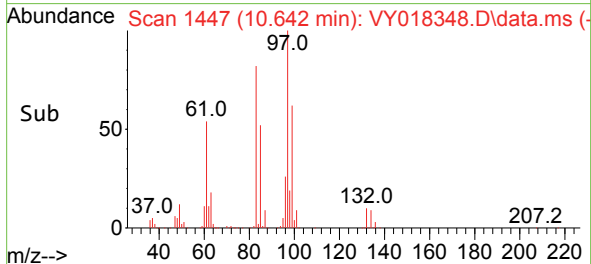
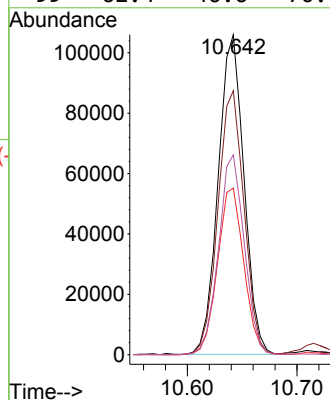
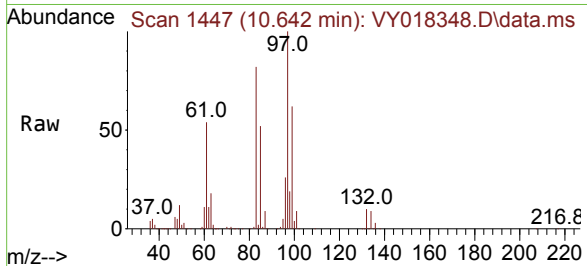


#55
1,1,2-Trichloroethane
Concen: 155.370 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 173065

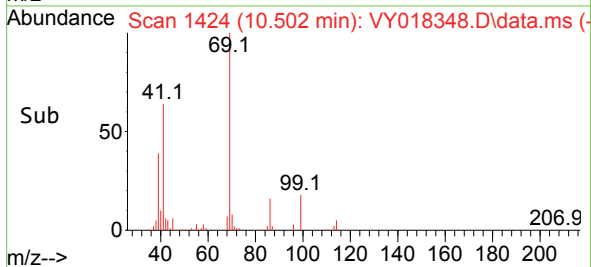
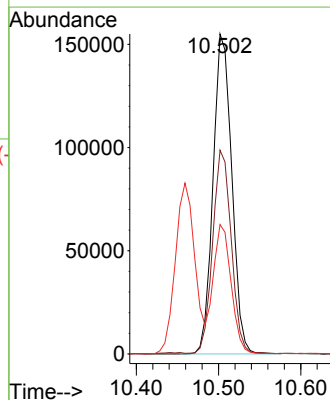
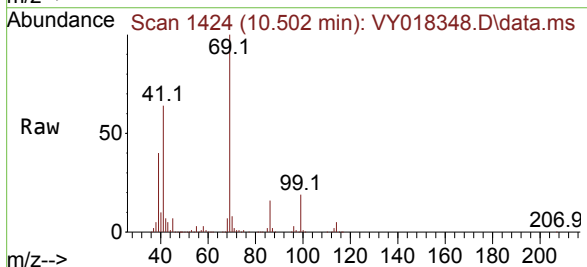
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.5	101.3
85	52.1	42.9	64.3
99	62.4	46.6	70.0

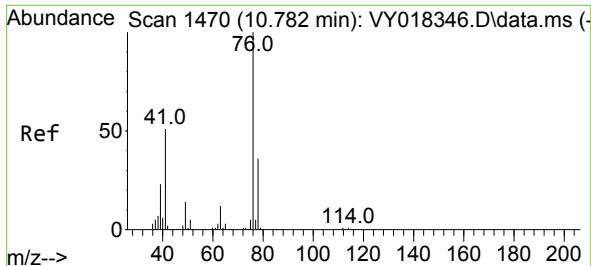


#56
Ethyl methacrylate
Concen: 160.682 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 69 Resp: 245502

Ion	Ratio	Lower	Upper
69	100		
41	62.9	42.3	63.5
39	38.6	22.9	34.3





#57

1,3-Dichloropropane

Concen: 152.172 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

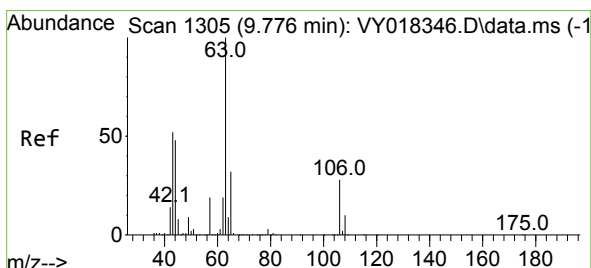
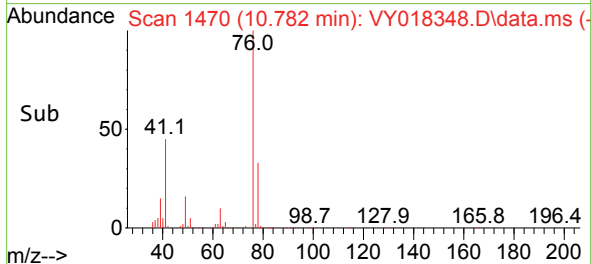
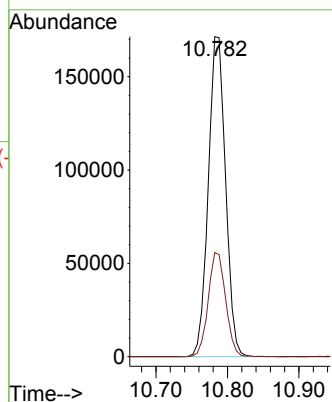
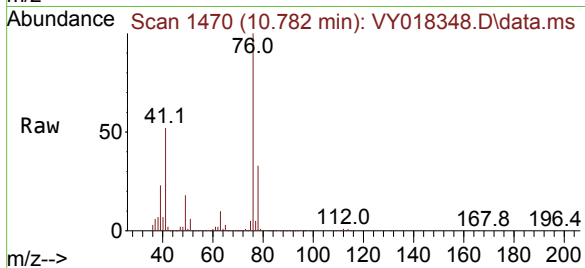
VSTDIC150

Tgt Ion: 76 Resp: 287295

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 739.328 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018348.D

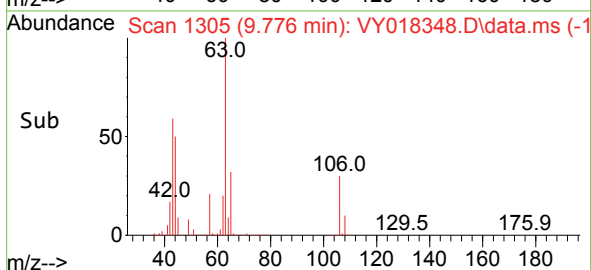
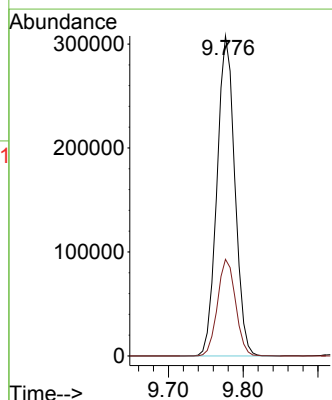
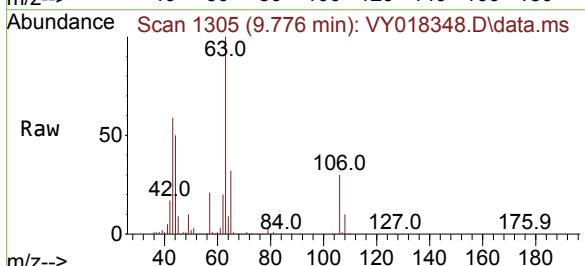
Acq: 22 May 2024 14:39

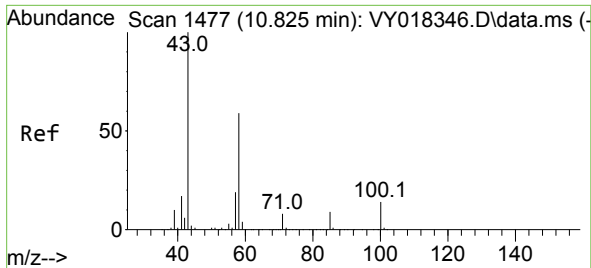
Tgt Ion: 63 Resp: 510418

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5

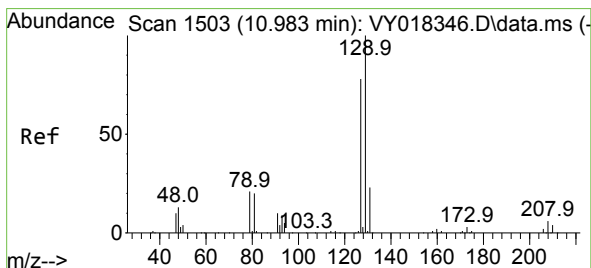
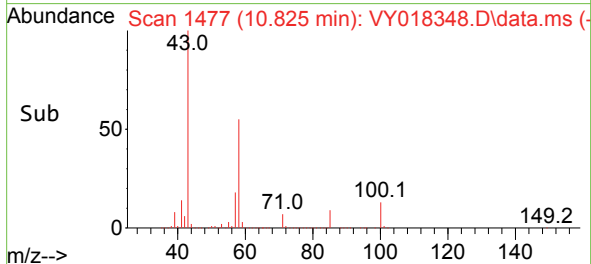
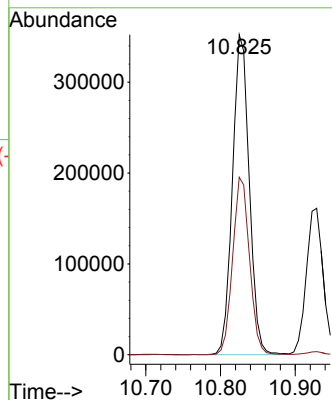
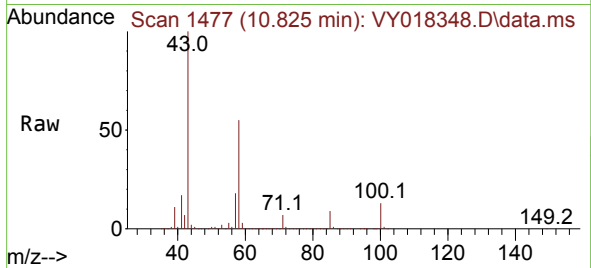




#59
2-Hexanone
Concen: 812.740 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

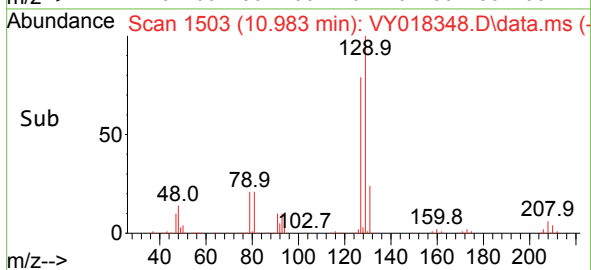
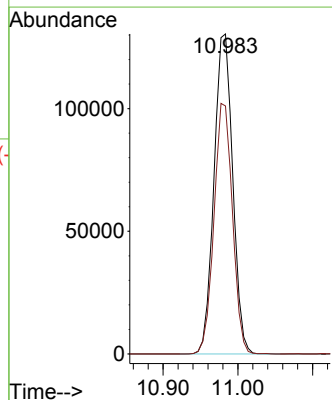
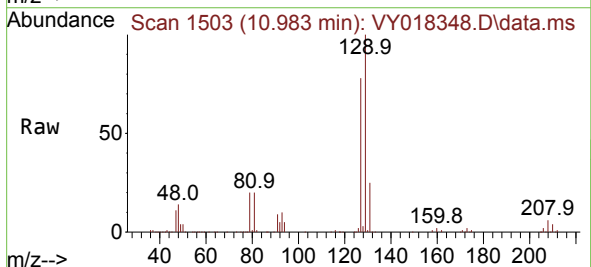
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

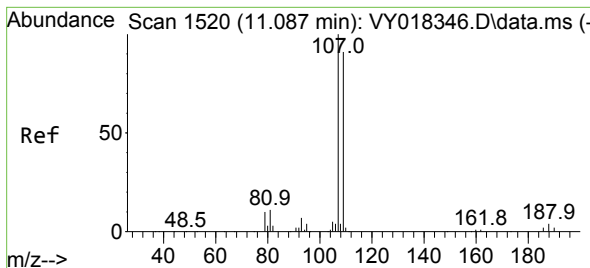
Tgt Ion: 43 Resp: 550541
Ion Ratio Lower Upper
43 100
58 55.8 31.4 94.0



#60
Dibromochloromethane
Concen: 168.450 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 129 Resp: 226638
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

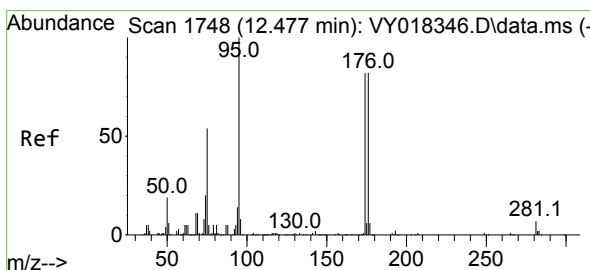
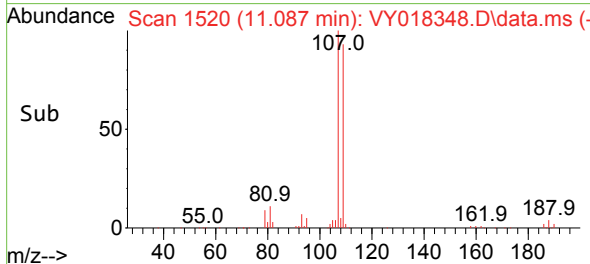
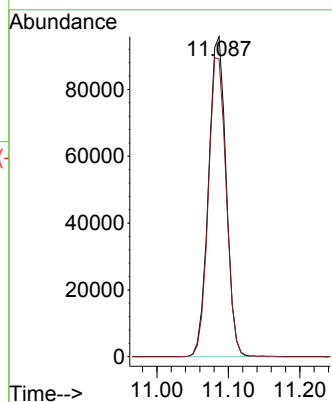
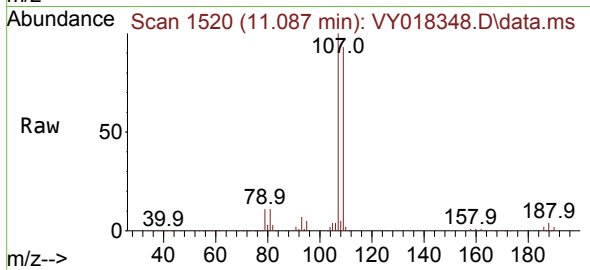




#61
1,2-Dibromoethane
Concen: 158.806 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

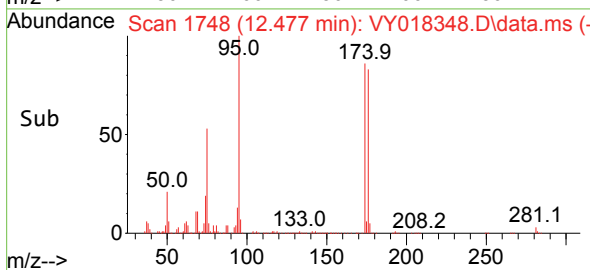
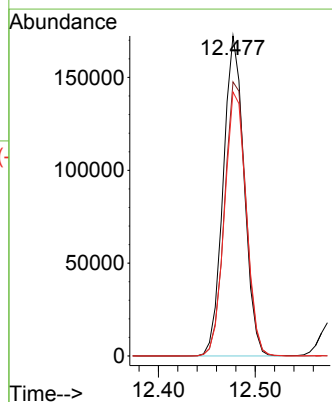
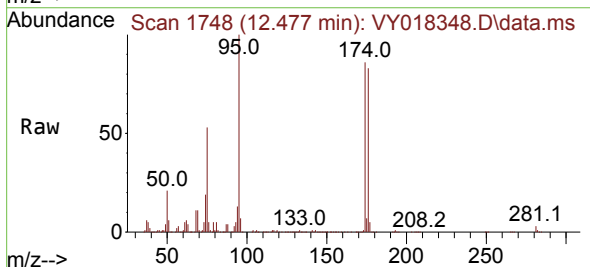
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

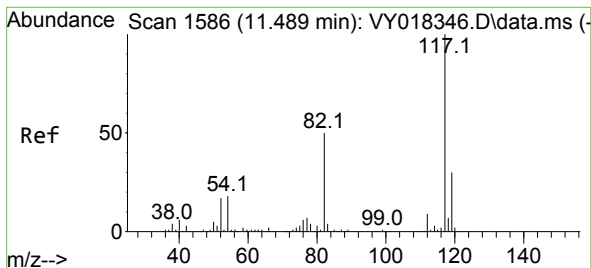
Tgt Ion:107 Resp: 163220
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 148.694 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 95 Resp: 258140
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.6
176 85.8 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: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

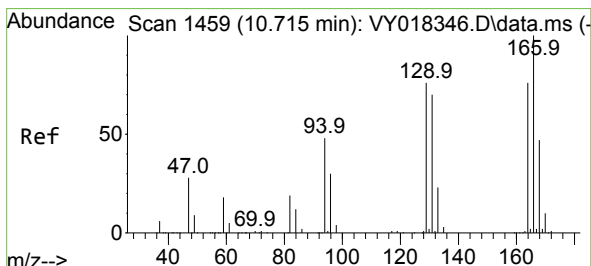
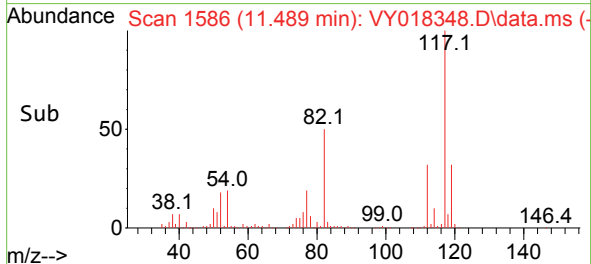
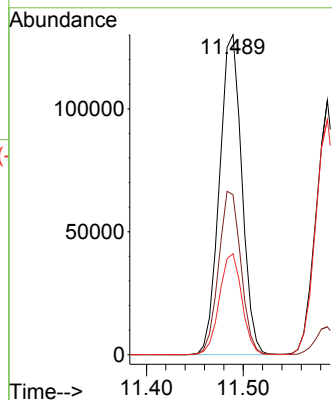
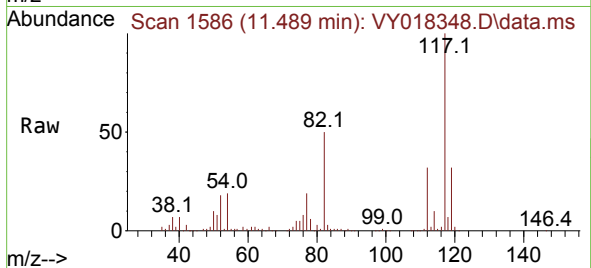
Tgt Ion:117 Resp: 208941

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 161.599 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Tgt Ion:164 Resp: 239518

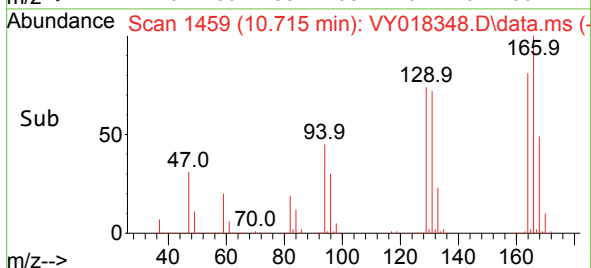
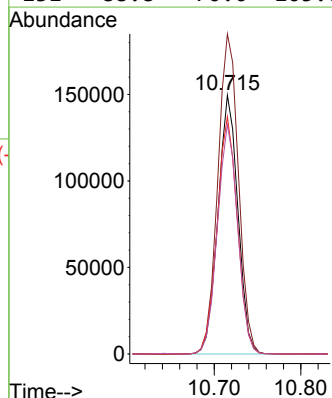
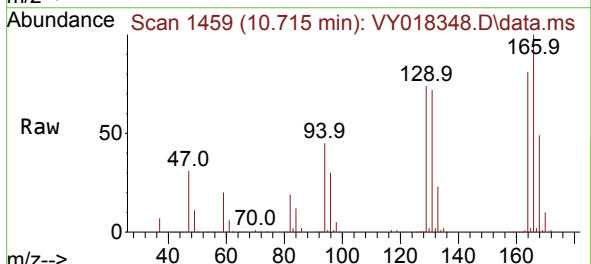
Ion Ratio Lower Upper

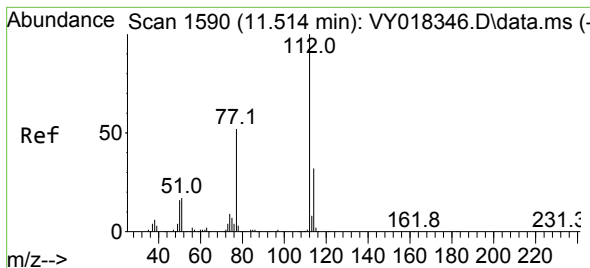
164 100

166 123.7 102.6 154.0

129 91.7 72.0 108.0

131 88.8 70.0 105.0





#65

Chlorobenzene

Concen: 158.518 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

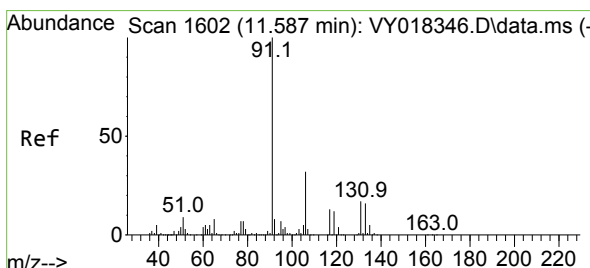
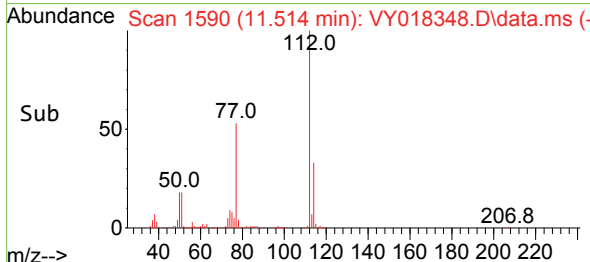
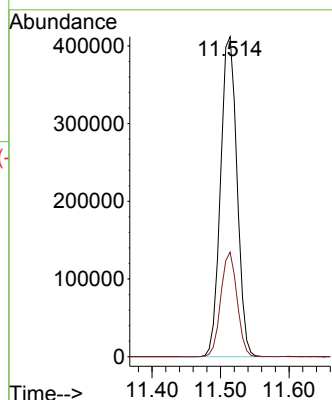
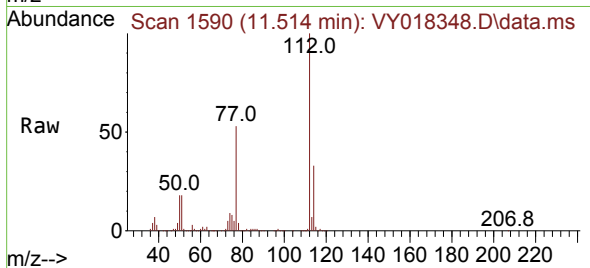
VSTDIC150

Tgt Ion:112 Resp: 684189

Ion Ratio Lower Upper

112 100

114 32.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 167.310 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

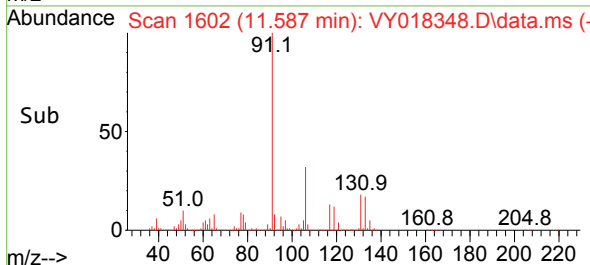
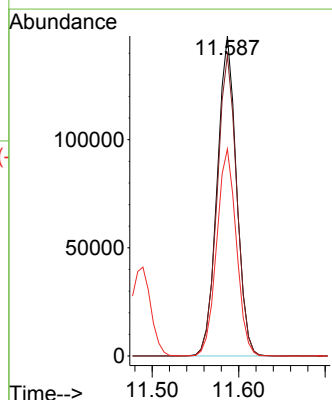
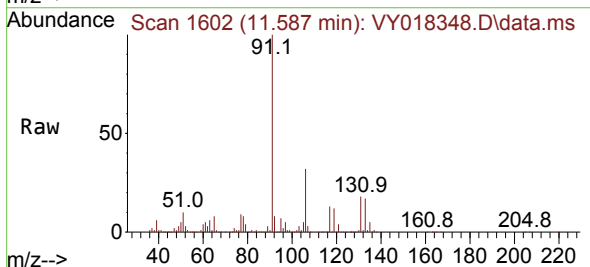
Tgt Ion:131 Resp: 228451

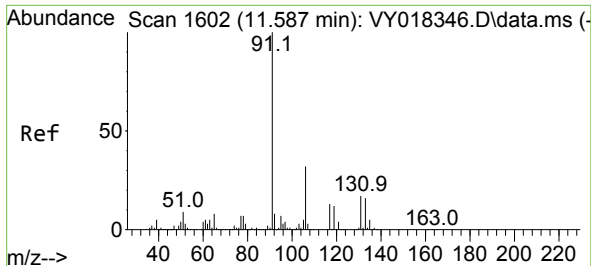
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 66.0 34.1 102.2

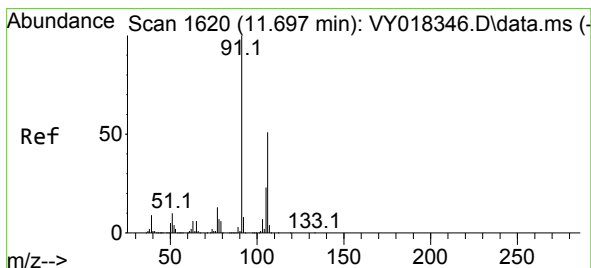
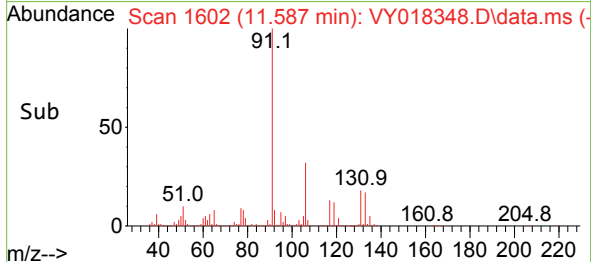
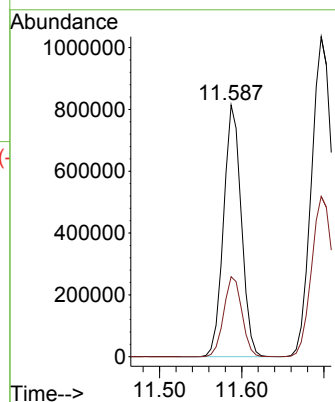
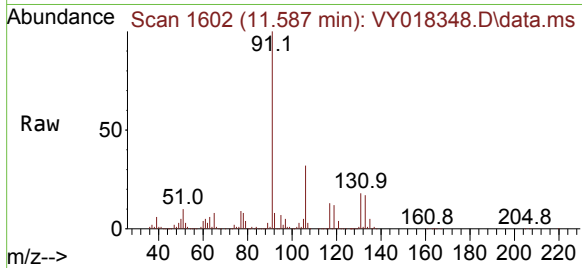




#67
Ethyl Benzene
Concen: 161.031 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

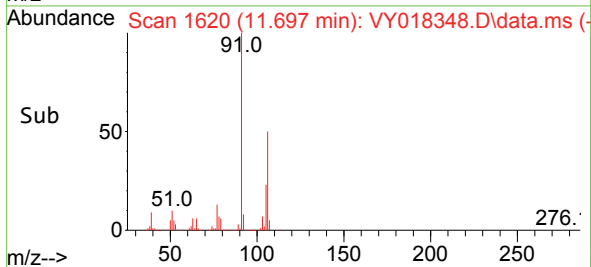
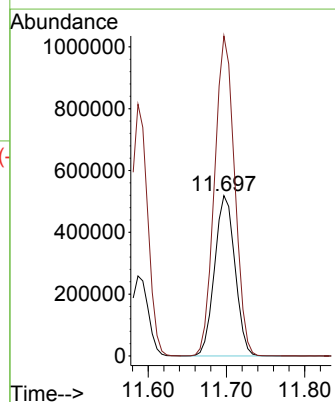
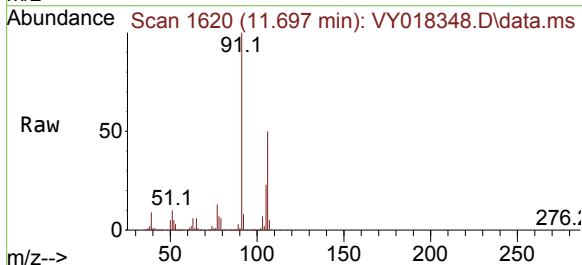
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

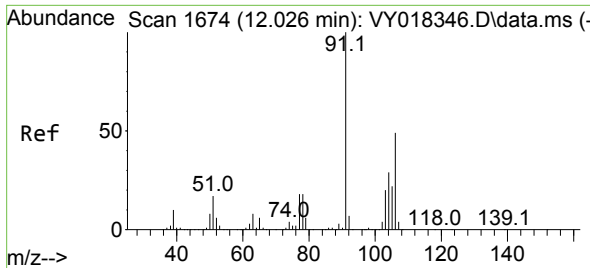
Tgt Ion: 91 Resp: 1220599
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 321.485 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion:106 Resp: 937605
Ion Ratio Lower Upper
106 100
91 197.1 156.0 234.0

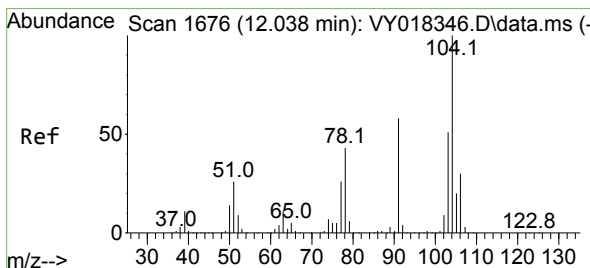
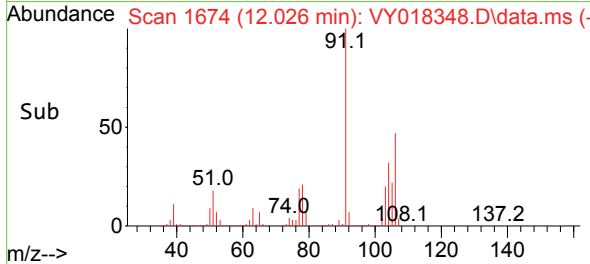
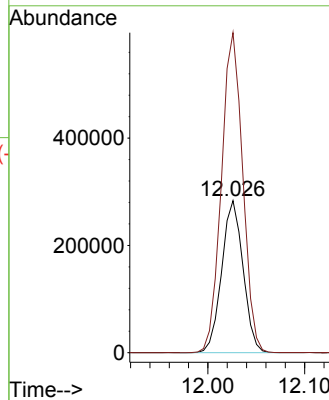
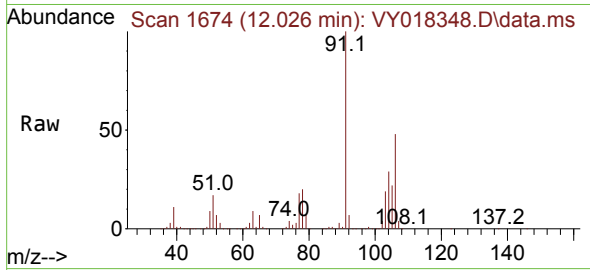




#69
o-Xylene
Concen: 157.840 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

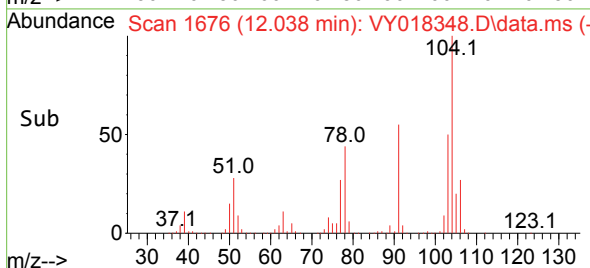
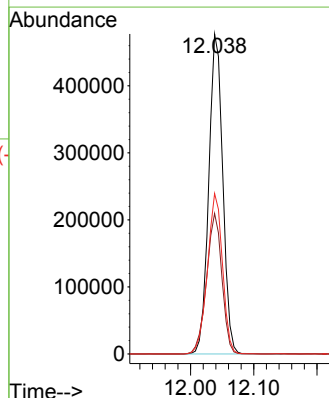
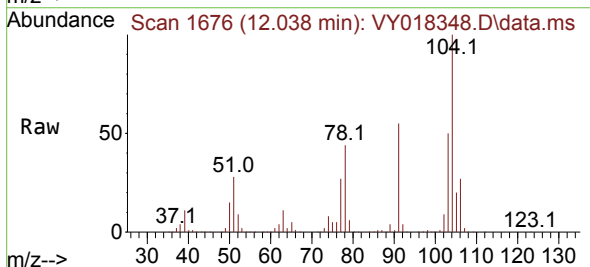
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

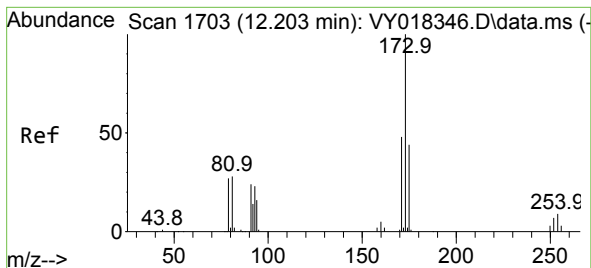
Tgt Ion:106 Resp: 434427
Ion Ratio Lower Upper
106 100
91 210.1 103.6 310.8



#70
Styrene
Concen: 162.124 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion:104 Resp: 737611
Ion Ratio Lower Upper
104 100
78 47.9 37.0 55.4
103 53.8 44.2 66.2





#71

Bromoform

Concen: 177.432 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

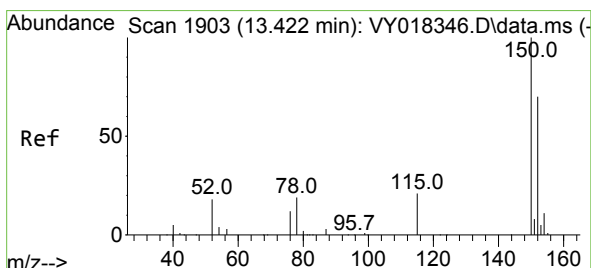
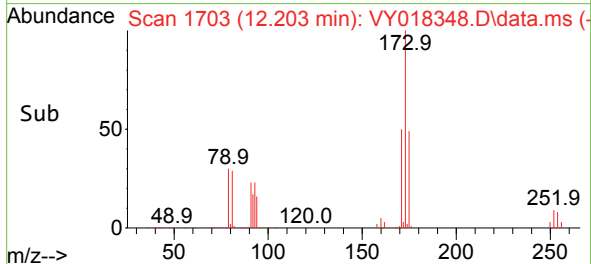
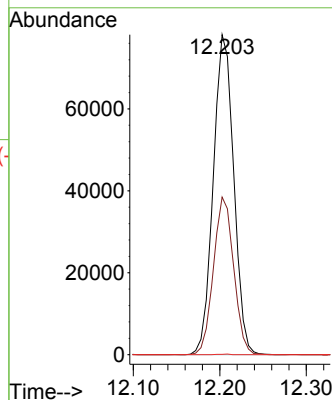
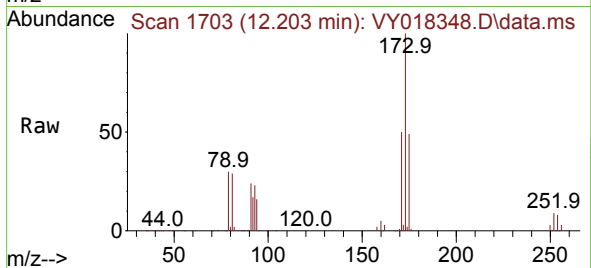
Tgt Ion:173 Resp: 128145

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

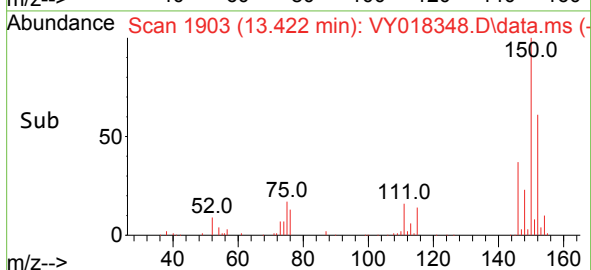
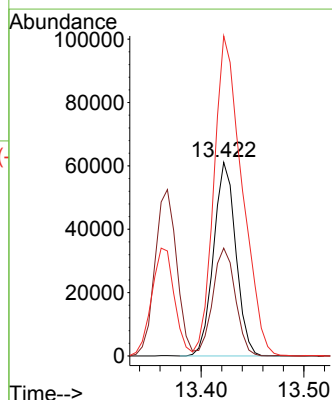
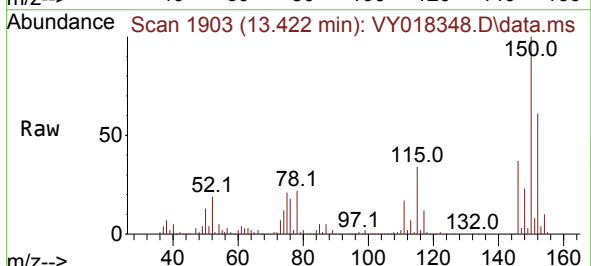
Tgt Ion:152 Resp: 91763

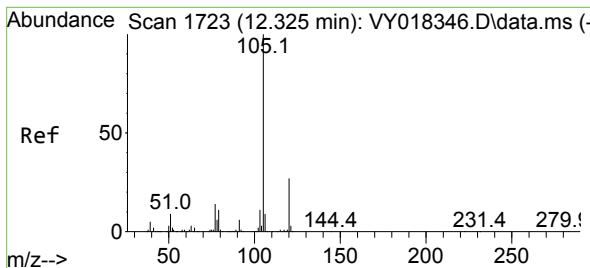
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 209.4 0.0 345.6





#73

Isopropylbenzene

Concen: 157.262 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

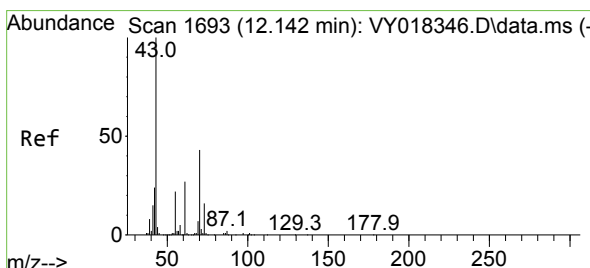
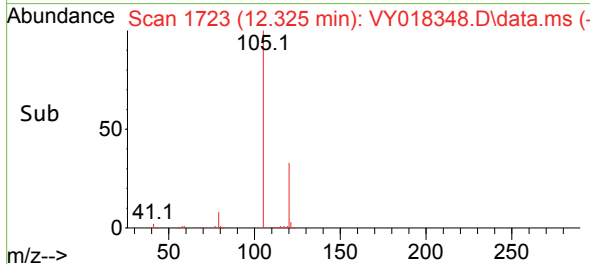
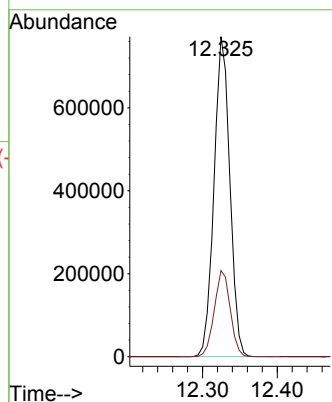
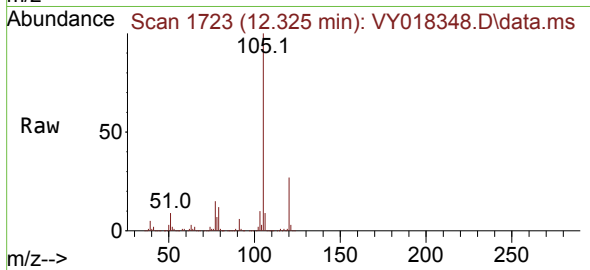
VSTDIC150

Tgt Ion:105 Resp: 1134234

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 164.527 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Tgt Ion: 43 Resp: 276851

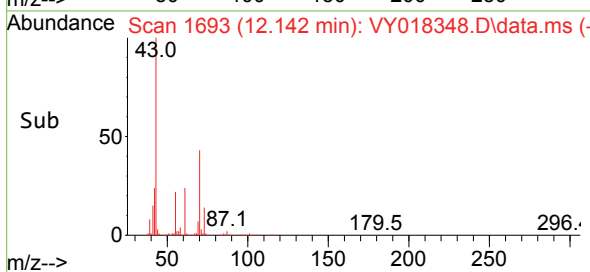
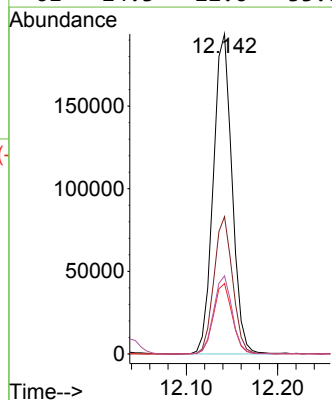
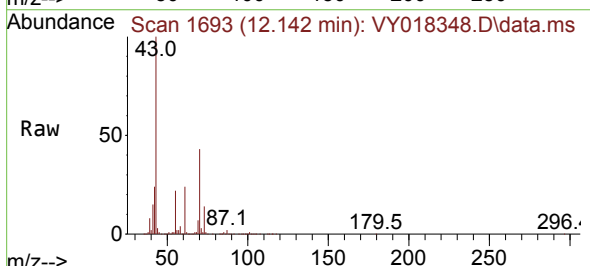
Ion Ratio Lower Upper

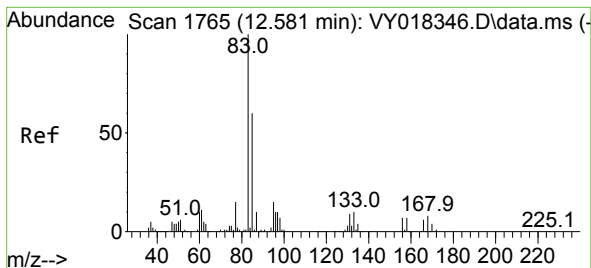
43 100

70 42.9 41.4 62.2

55 22.2 23.3 34.9#

61 24.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 150.769 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

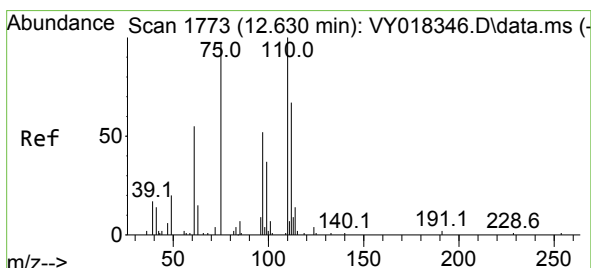
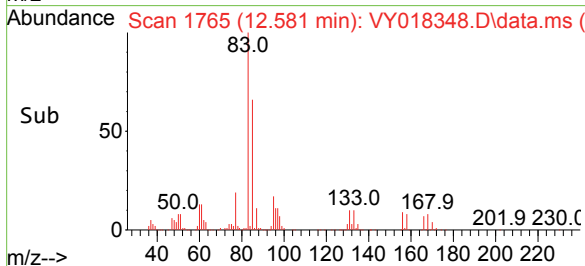
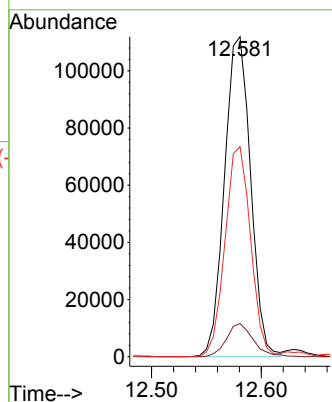
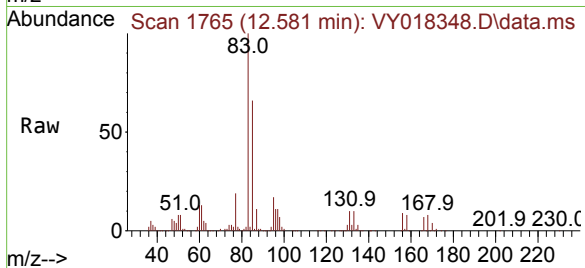
Tgt Ion: 83 Resp: 185286

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 284.668 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018348.D

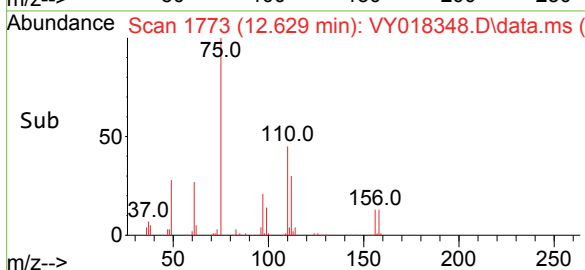
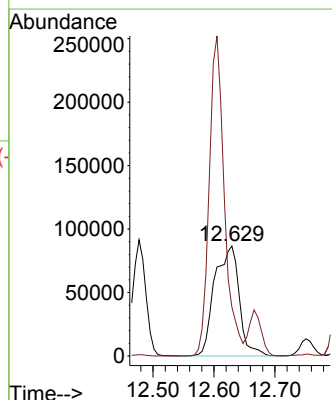
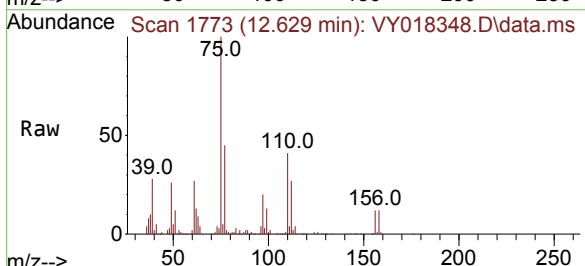
Acq: 22 May 2024 14:39

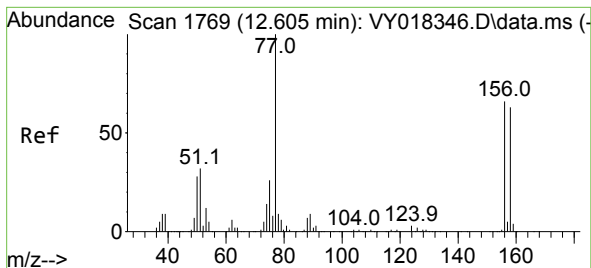
Tgt Ion: 75 Resp: 242865

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 160.956 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

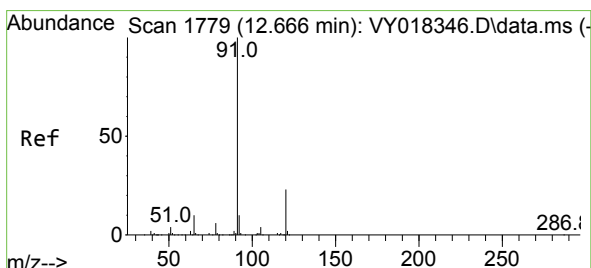
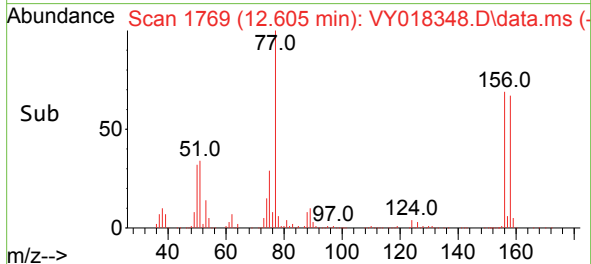
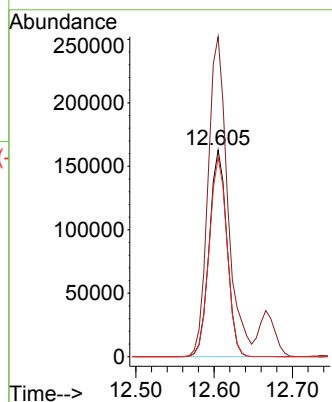
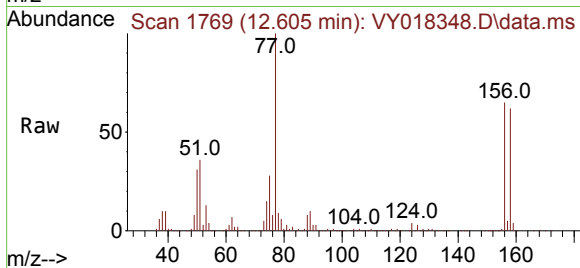
Tgt Ion:156 Resp: 254257

Ion Ratio Lower Upper

156 100

77 172.4 87.1 261.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 153.941 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018348.D

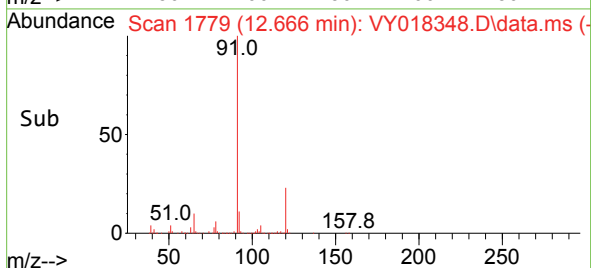
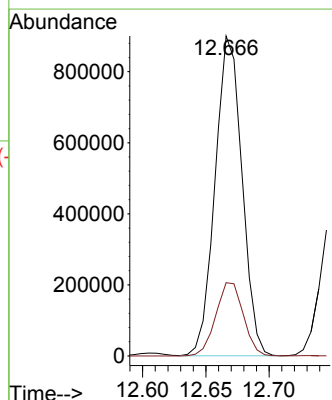
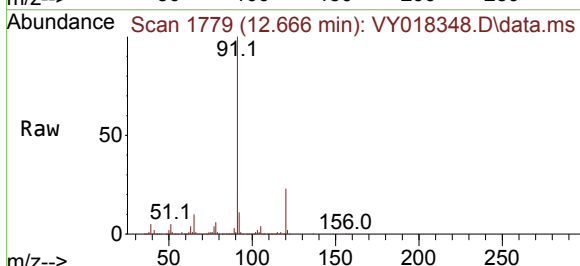
Acq: 22 May 2024 14:39

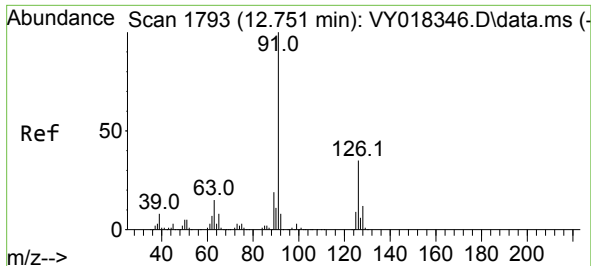
Tgt Ion: 91 Resp: 1329407

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

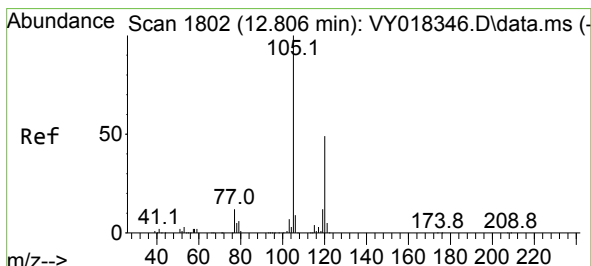
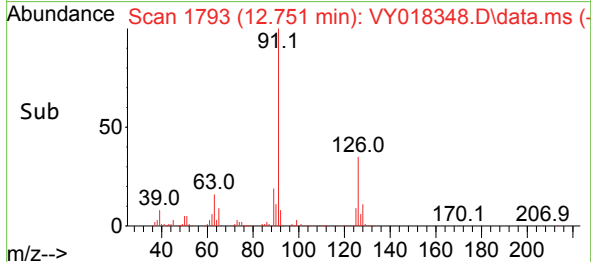
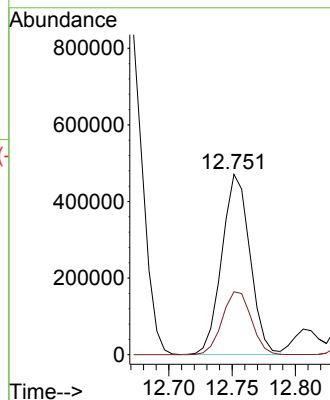
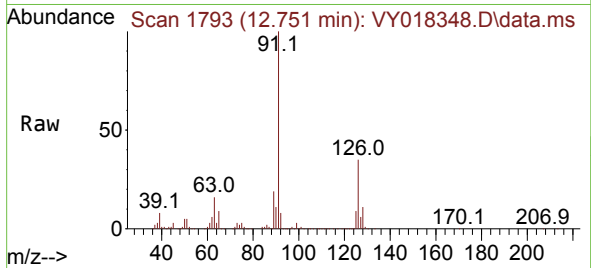




#79
2-Chlorotoluene
Concen: 155.609 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

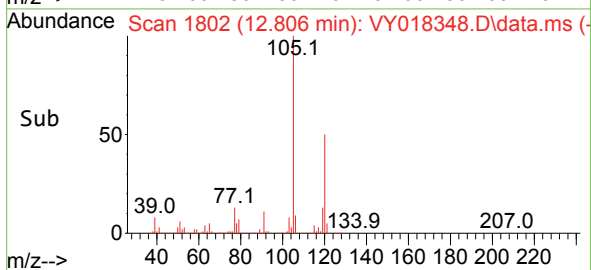
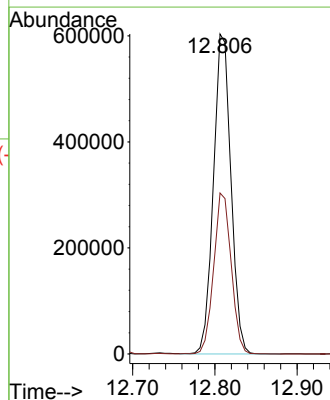
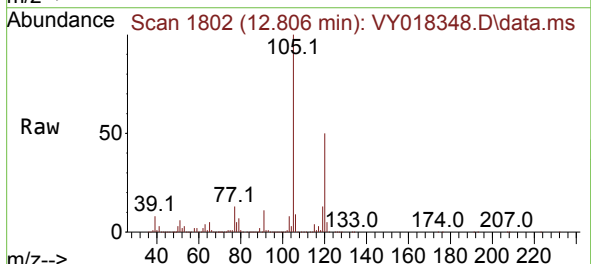
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

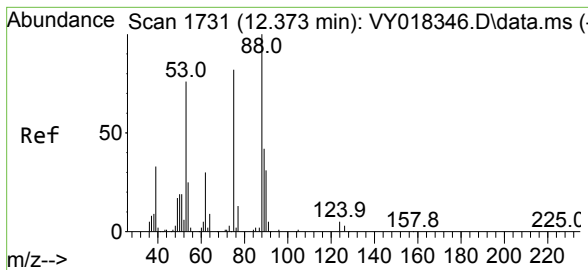
Tgt Ion: 91 Resp: 727534
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 157.388 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 105 Resp: 892016
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2

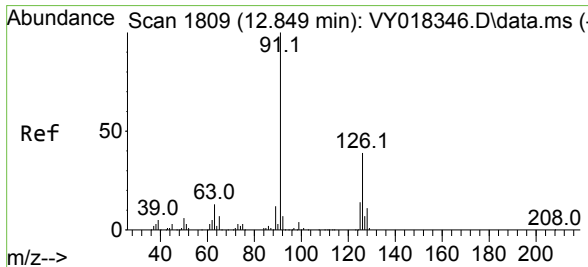
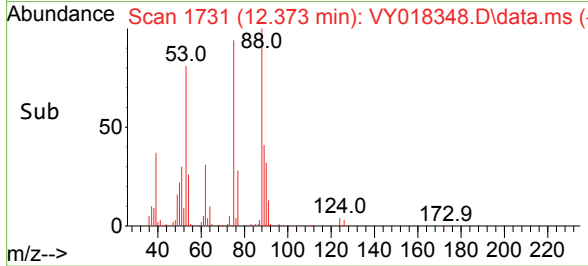
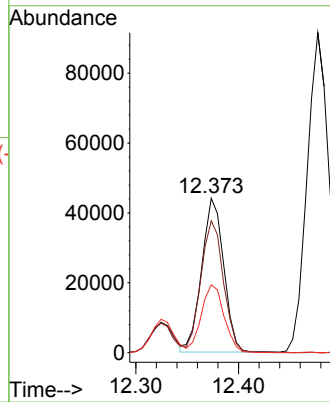
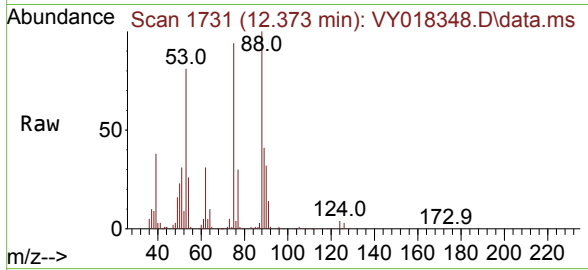




#81
trans-1,4-Dichloro-2-butene
Concen: 164.359 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

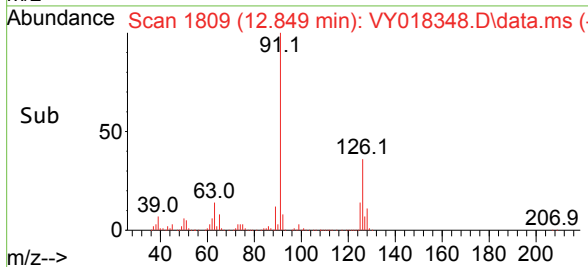
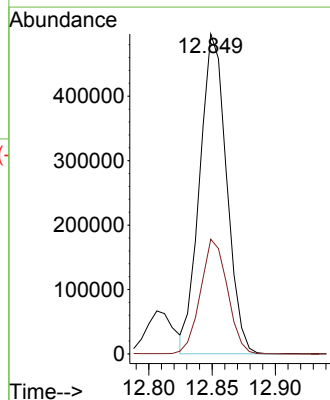
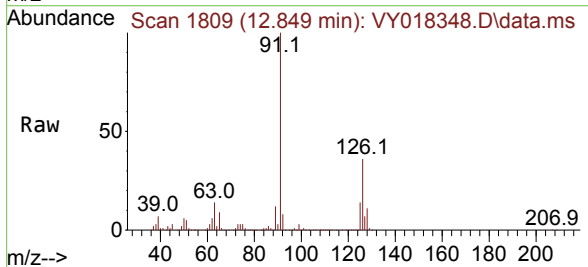
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

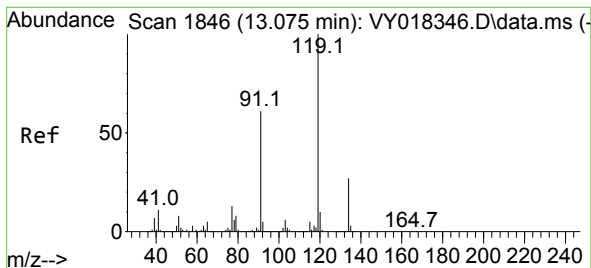
Tgt Ion:	75	Resp:	65883
Ion	Ratio	Lower	Upper
75	100		
53	87.9	66.8	100.2
89	45.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 154.464 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion:	91	Resp:	732225
Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 159.427 ug/l

RT: 13.068 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

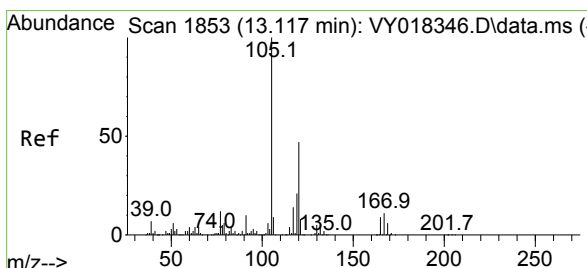
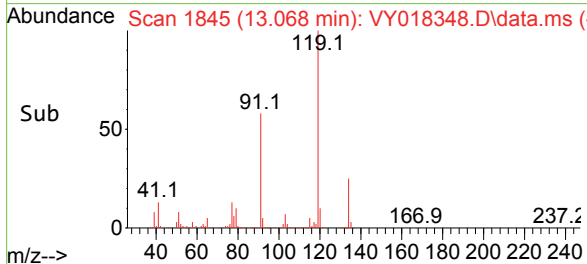
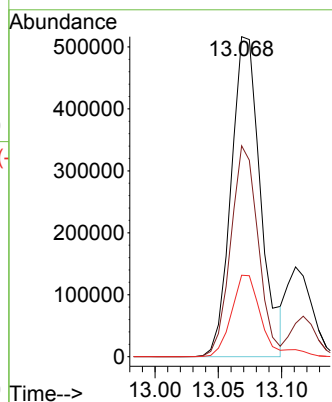
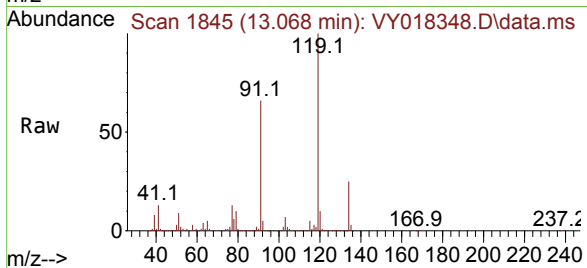
Tgt Ion:119 Resp: 835237

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 158.622 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018348.D

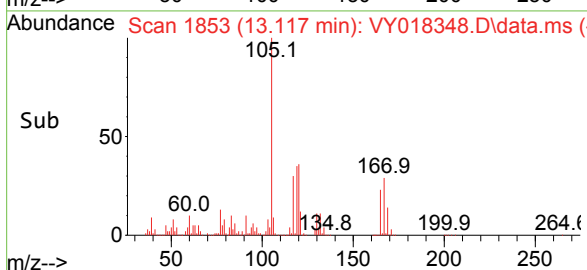
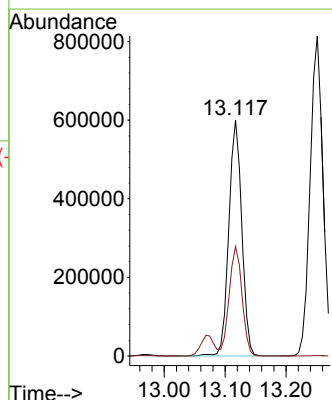
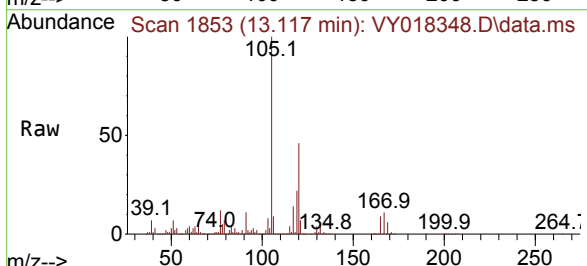
Acq: 22 May 2024 14:39

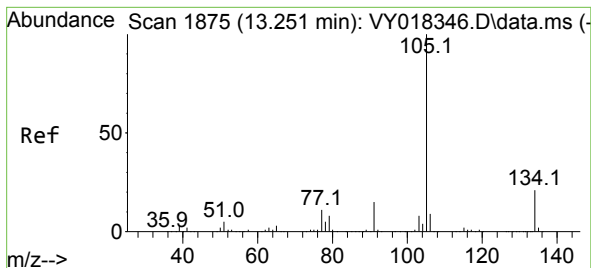
Tgt Ion:105 Resp: 884149

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 153.043 ug/l

RT: 13.251 min Scan# 1185810

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

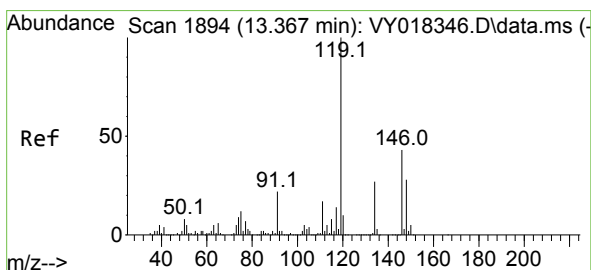
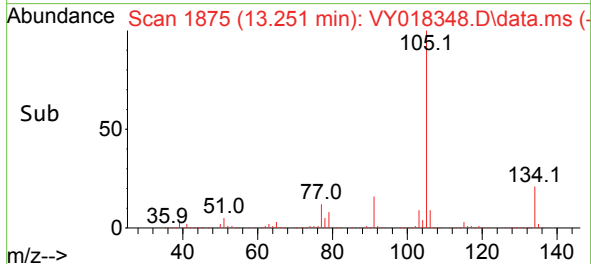
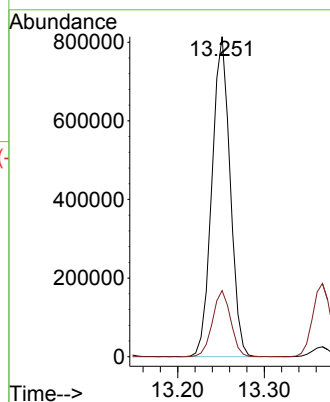
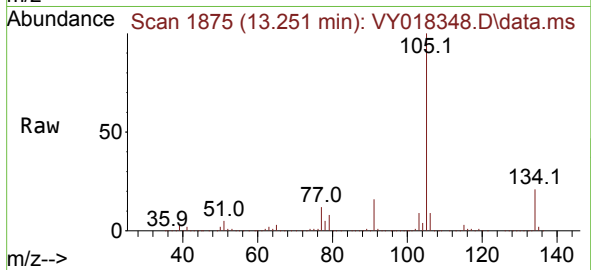
VSTDIC150

Tgt Ion:105 Resp: 1185810

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 158.326 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

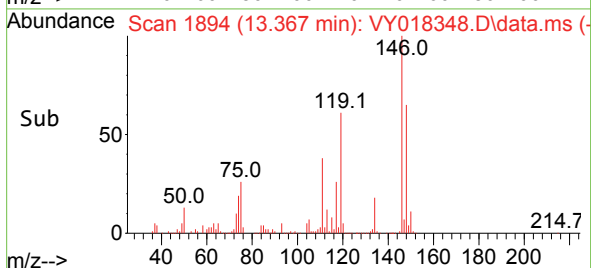
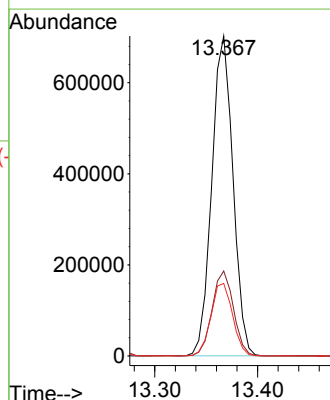
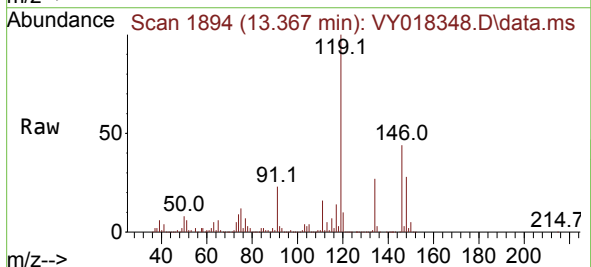
Tgt Ion:119 Resp: 1003428

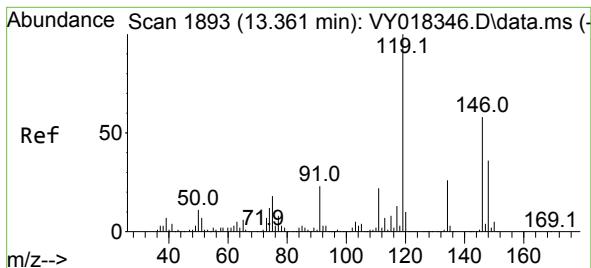
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 160.387 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

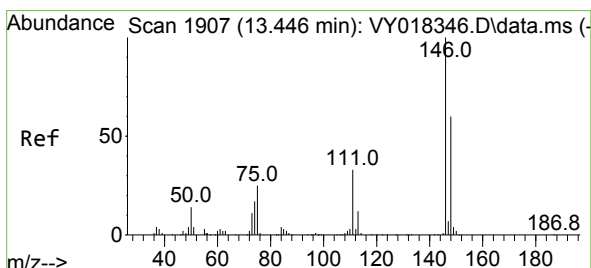
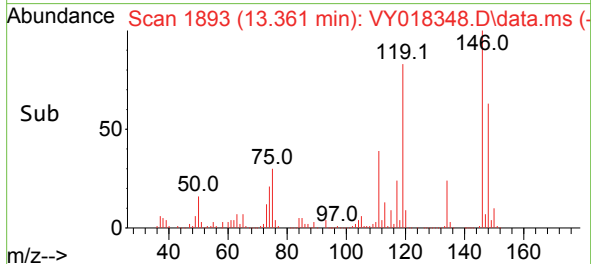
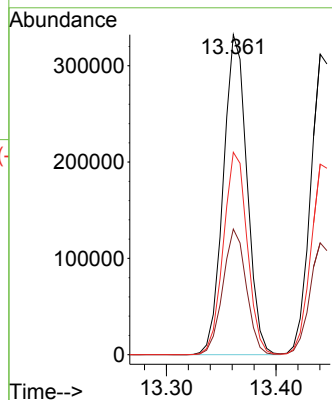
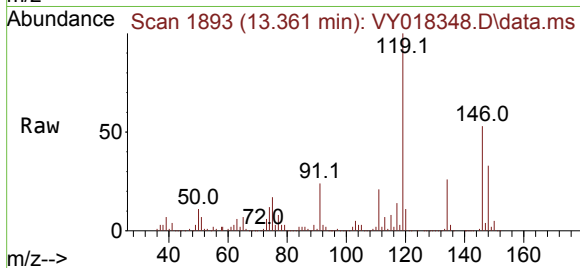
Tgt Ion:146 Resp: 498897

Ion Ratio Lower Upper

146 100

111 38.8 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 154.862 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

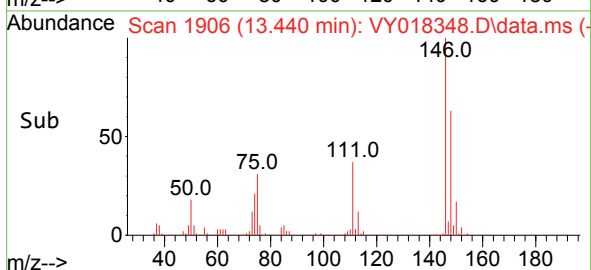
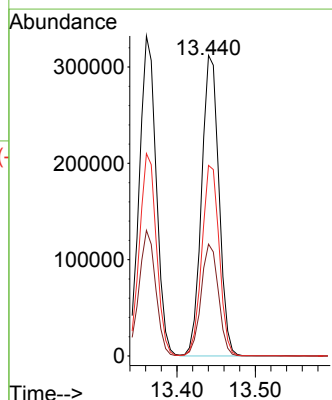
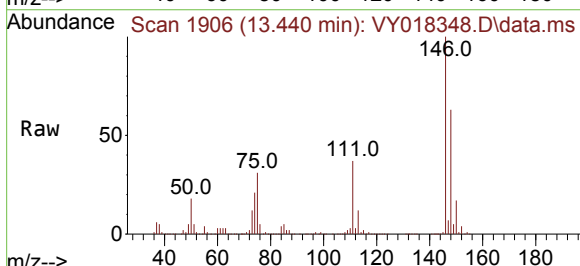
Tgt Ion:146 Resp: 479445

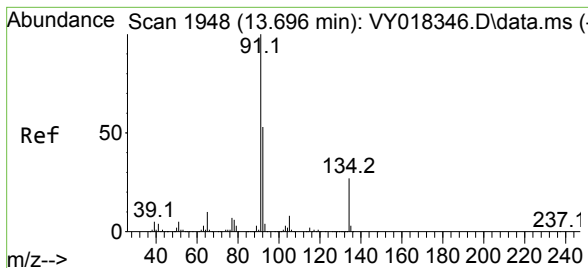
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 153.955 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

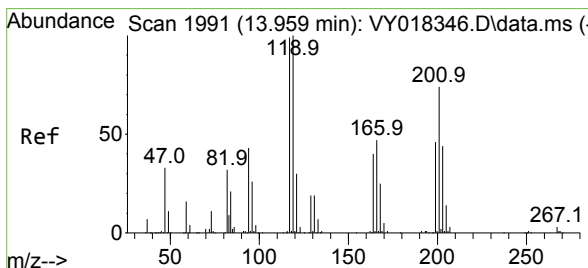
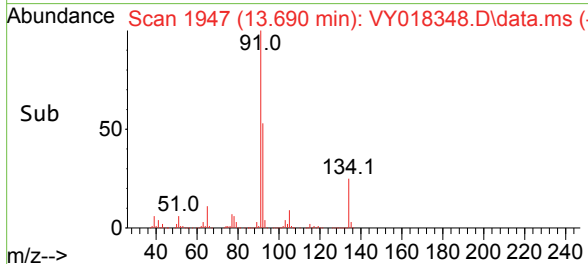
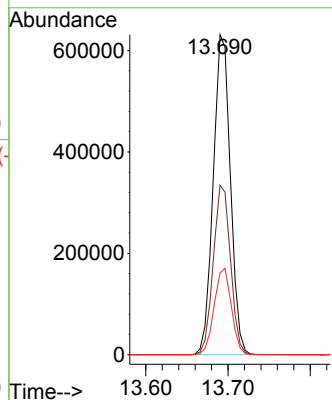
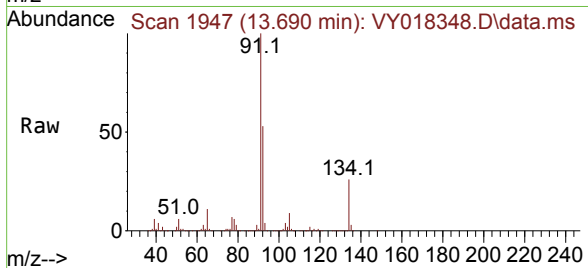
Tgt Ion: 91 Resp: 916926

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 27.1 12.9 38.7



#90

Hexachloroethane

Concen: 164.805 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018348.D

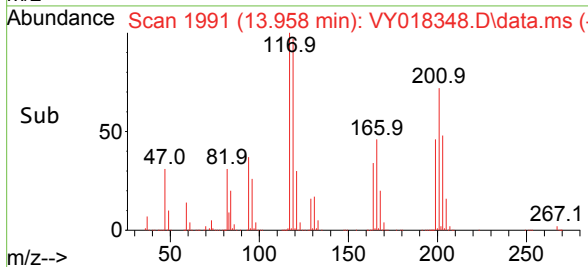
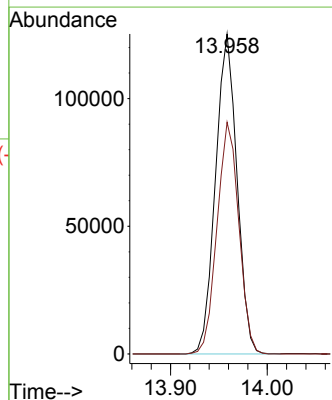
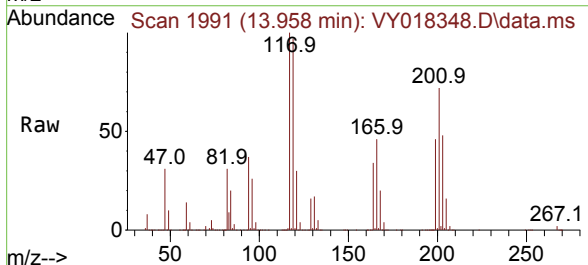
Acq: 22 May 2024 14:39

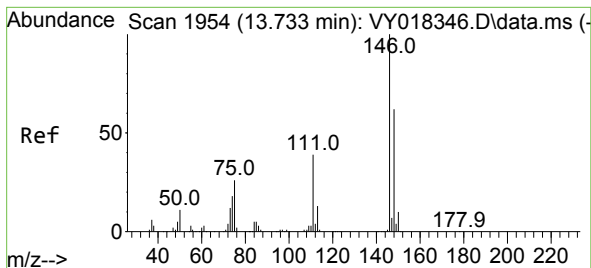
Tgt Ion: 117 Resp: 192883

Ion Ratio Lower Upper

117 100

201 73.5 37.4 112.2

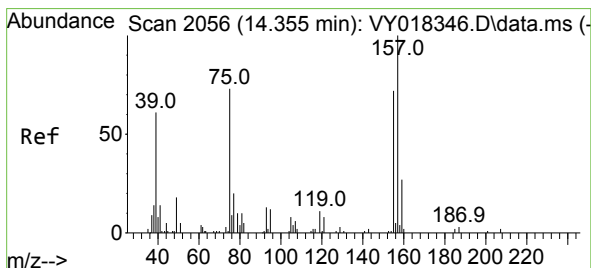
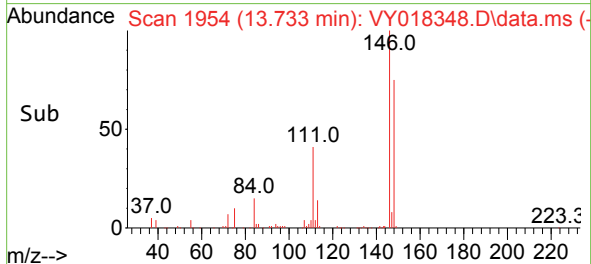
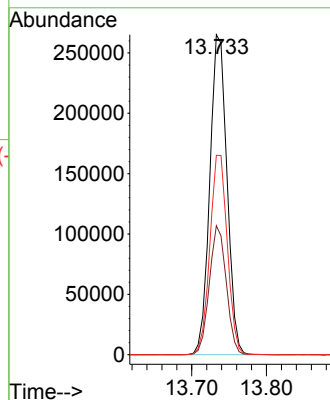
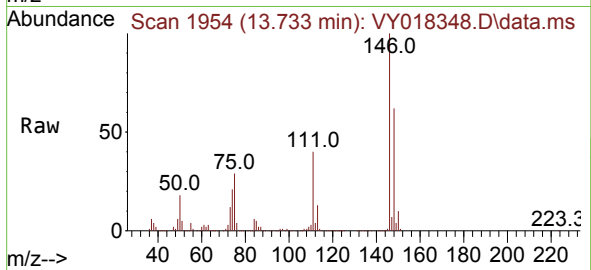




#91
1,2-Dichlorobenzene
Concen: 156.664 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

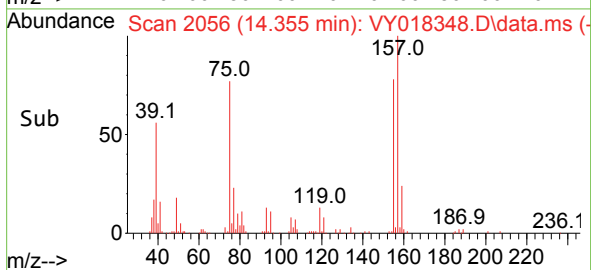
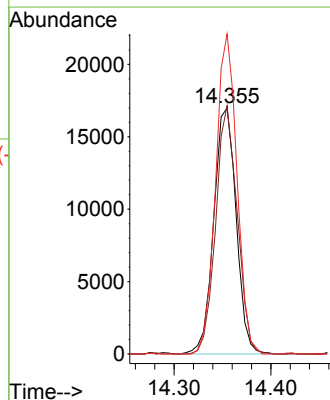
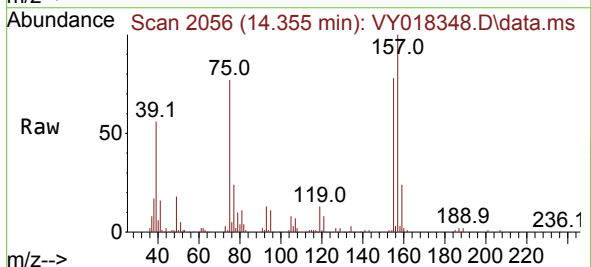
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

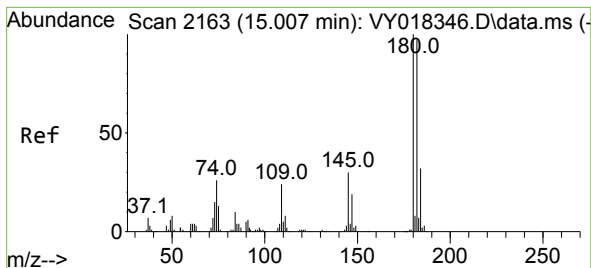
Tgt Ion:146 Resp: 422852
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 162.068 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY018348.D
Acq: 22 May 2024 14:39

Tgt Ion: 75 Resp: 27318
Ion Ratio Lower Upper
75 100
155 96.8 48.6 145.8
157 123.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 171.048 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

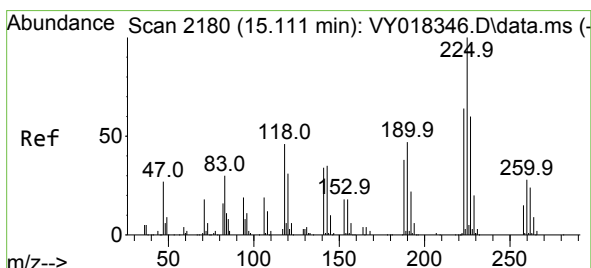
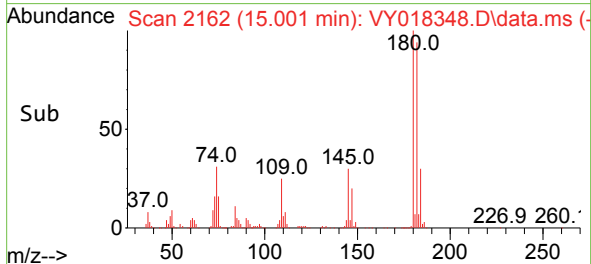
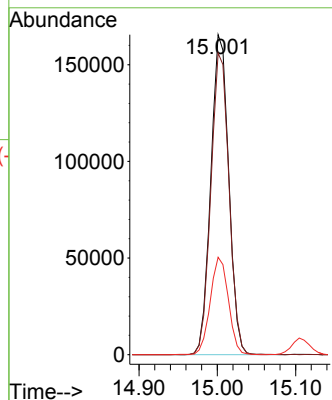
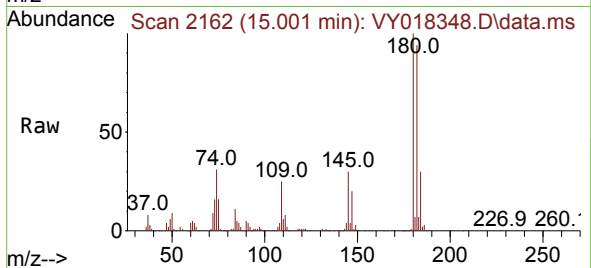
Tgt Ion:180 Resp: 262975

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 172.369 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

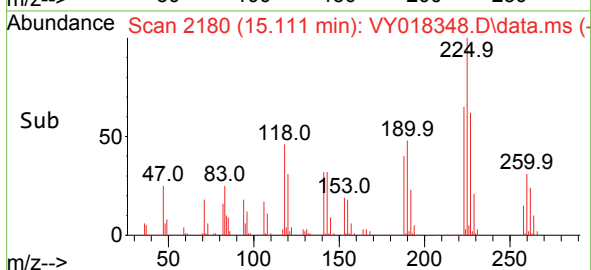
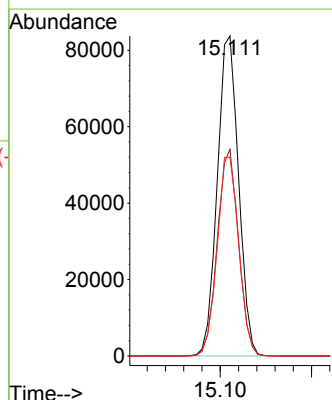
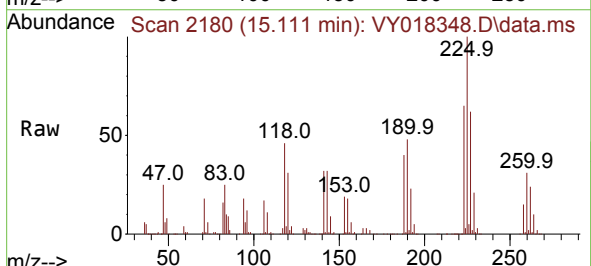
Tgt Ion:225 Resp: 135615

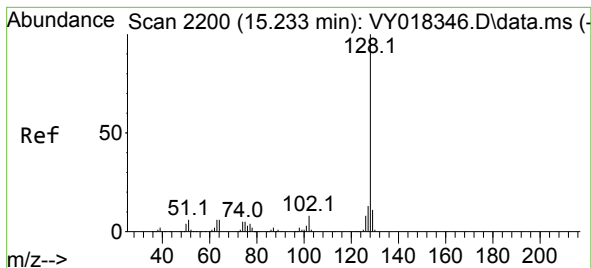
Ion Ratio Lower Upper

225 100

223 64.0 30.4 91.2

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 175.478 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

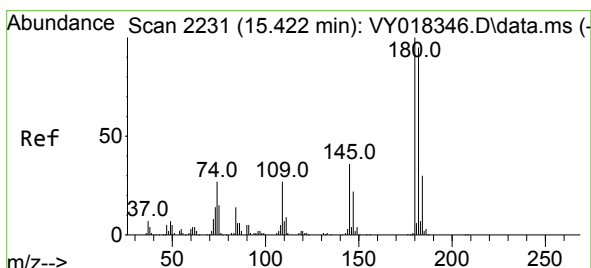
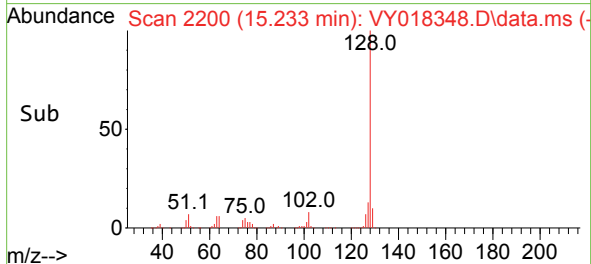
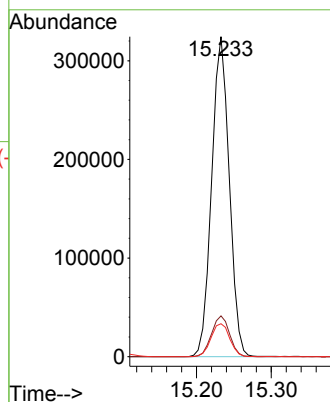
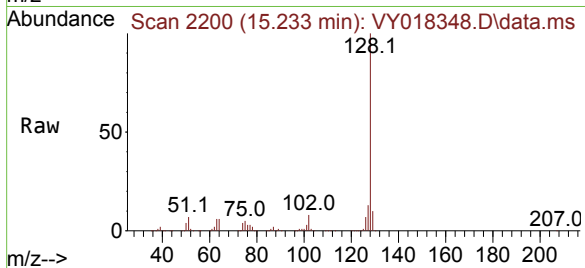
Tgt Ion:128 Resp: 530509

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 172.627 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018348.D

Acq: 22 May 2024 14:39

Tgt Ion:180 Resp: 225641

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 32.5 15.4 46.1

