

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018297.D
 Acq On : 16 May 2024 19:56
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 17 01:20:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	165552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74126	60.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.720%	
35) Dibromofluoromethane	7.709	113	80577	52.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.178	98	305756	50.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.483	95	98851	50.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	61039	46.492	ug/l	97
3) Chloromethane	2.107	50	96963	55.172	ug/l	99
4) Vinyl Chloride	2.247	62	114152	53.581	ug/l	99
5) Bromomethane	2.643	94	78198	52.852	ug/l	100
6) Chloroethane	2.789	64	75585	55.903	ug/l	96
7) Trichlorofluoromethane	3.119	101	122657	49.152	ug/l	98
8) Diethyl Ether	3.527	74	45725	55.660	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.887	101	77267	48.584	ug/l	96
10) Methyl Iodide	4.082	142	88787	47.808	ug/l	98
11) Tert butyl alcohol	4.935	59	38462	364.742	ug/l #	83
12) 1,1-Dichloroethene	3.862	96	79556	49.690	ug/l	94
13) Acrolein	3.722	56	34978	294.706	ug/l	98
14) Allyl chloride	4.472	41	118134	58.001	ug/l	96
15) Acrylonitrile	5.155	53	105888	335.177	ug/l	99
16) Acetone	3.936	43	72978	300.263	ug/l	90
17) Carbon Disulfide	4.186	76	220620	50.617	ug/l	100
18) Methyl Acetate	4.460	43	45501	65.721	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	215672	60.473	ug/l	100
20) Methylene Chloride	4.704	84	98587	57.388	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	88491	52.142	ug/l	99
22) Diisopropyl ether	6.106	45	240865	55.747	ug/l	96
23) Vinyl Acetate	6.051	43	798561	304.090	ug/l	96
24) 1,1-Dichloroethane	6.008	63	154044	57.886	ug/l	98
25) 2-Butanone	6.978	43	123040	316.698	ug/l	93
26) 2,2-Dichloropropane	6.972	77	121137	50.295	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	107536	53.617	ug/l	100
28) Bromochloromethane	7.331	49	58556	55.052	ug/l	98
29) Tetrahydrofuran	7.343	42	80957	315.682	ug/l	93
30) Chloroform	7.502	83	152755	54.985	ug/l	97
31) Cyclohexane	7.782	56	122509	51.784	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	129972	52.197	ug/l	98
36) 1,1-Dichloropropene	7.910	75	107431	48.492	ug/l	99
37) Ethyl Acetate	7.063	43	57043	61.176	ug/l #	96
38) Carbon Tetrachloride	7.892	117	111908	46.229	ug/l	97
39) Methylcyclohexane	9.179	83	141640	44.317	ug/l	97
40) Benzene	8.154	78	352299	49.437	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	28494	52.919	ug/l	95
42) 1,2-Dichloroethane	8.234	62	85657	55.245	ug/l	99
43) Isopropyl Acetate	8.270	43	109222	57.146	ug/l	93
44) Trichloroethene	8.935	130	90820	46.816	ug/l	99
45) 1,2-Dichloropropane	9.215	63	80612	51.742	ug/l	99
46) Dibromomethane	9.300	93	46860	52.320	ug/l	97
47) Bromodichloromethane	9.496	83	112969	51.021	ug/l	98
48) Methyl methacrylate	9.288	41	48625	55.510	ug/l	90
49) 1,4-Dioxane	9.294	88	12058	1014.253	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	281536	293.077	ug/l	93
52) Toluene	10.239	92	224156	48.860	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	104739	50.643	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	126864	50.182	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	64177	52.161	ug/l	97
56) Ethyl methacrylate	10.508	69	87903	52.605	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	107168	53.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	219689	275.330	ug/l	98
59) 2-Hexanone	10.831	43	187330	278.901	ug/l	95
60) Dibromochloromethane	10.983	129	80322	50.318	ug/l	98
61) 1,2-Dibromoethane	11.087	107	60198	51.945	ug/l	99
64) Tetrachloroethene	10.721	164	81481	47.359	ug/l	98
65) Chlorobenzene	11.513	112	245831	46.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	81545	47.901	ug/l	98
67) Ethyl Benzene	11.593	91	416722	46.896	ug/l	97
68) m/p-Xylenes	11.702	106	328371	93.446	ug/l	97
69) o-Xylene	12.026	106	155454	46.098	ug/l	98
70) Styrene	12.044	104	266997	47.410	ug/l	98
71) Bromoform	12.202	173	46196	49.045	ug/l #	96
73) Isopropylbenzene	12.330	105	397705	45.922	ug/l	99
74) N-amyl acetate	12.141	43	94836	52.752	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.580	83	69282	50.149	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	87895	95.065	ug/l #	100
77) Bromobenzene	12.611	156	92309	46.397	ug/l	98
78) n-propylbenzene	12.672	91	468250	46.484	ug/l	98
79) 2-Chlorotoluene	12.757	91	260934	46.615	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	315647	46.222	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	23177	48.297	ug/l	99
82) 4-Chlorotoluene	12.855	91	261522	46.512	ug/l	96
83) tert-Butylbenzene	13.074	119	290423	46.107	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	311405	46.552	ug/l	99
85) sec-Butylbenzene	13.251	105	423387	45.824	ug/l	98
86) p-Isopropyltoluene	13.367	119	347358	45.700	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	180357	46.940	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	177209	47.310	ug/l	99
89) n-Butylbenzene	13.696	91	314280	45.687	ug/l	98
90) Hexachloroethane	13.958	117	66912	44.872	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	158785	48.080	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	10061	53.484	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	88063	47.432	ug/l	98
94) Hexachlorobutadiene	15.110	225	45757	44.668	ug/l	98
95) Naphthalene	15.232	128	180435	53.037	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	74079	48.620	ug/l	98

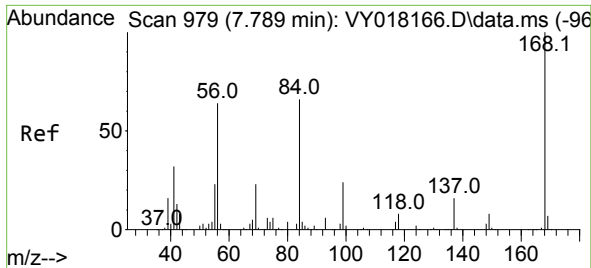
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
Data File : VY018297.D
Acq On : 16 May 2024 19:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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Response via : Initial Calibration

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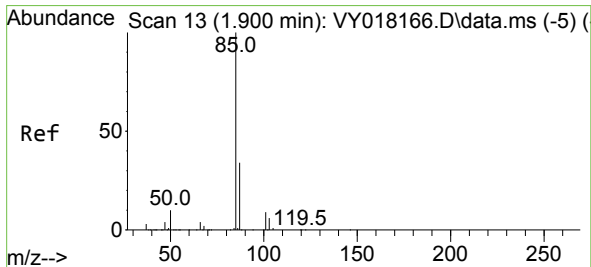
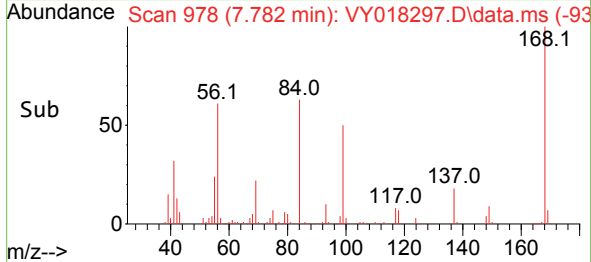
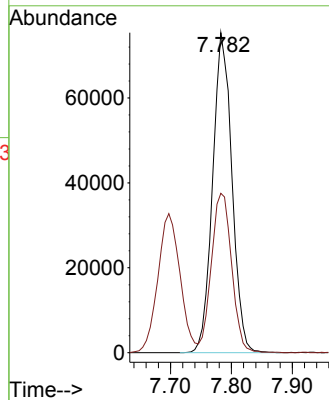
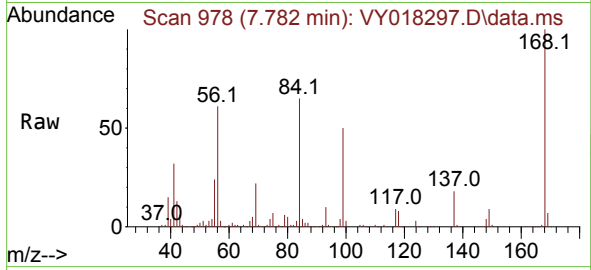
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

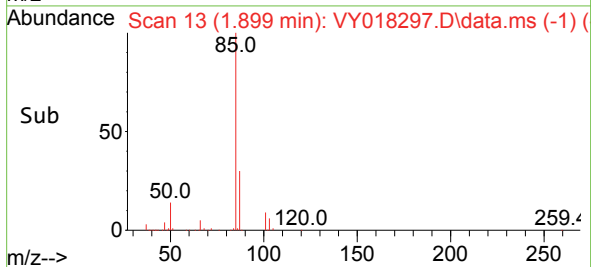
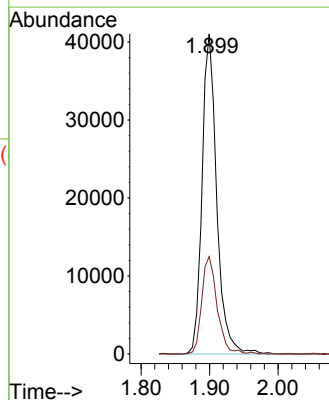
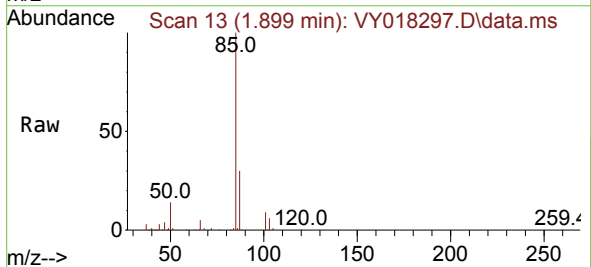
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

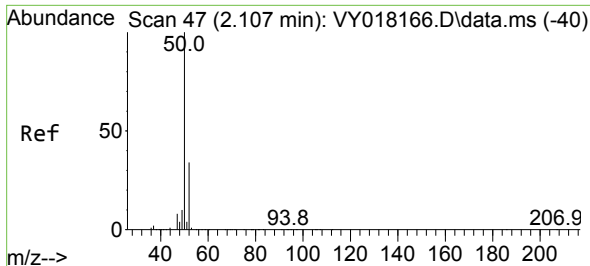
Tgt Ion:168 Resp: 165552
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.492 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 85 Resp: 61039
Ion Ratio Lower Upper
85 100
87 30.4 16.0 48.0

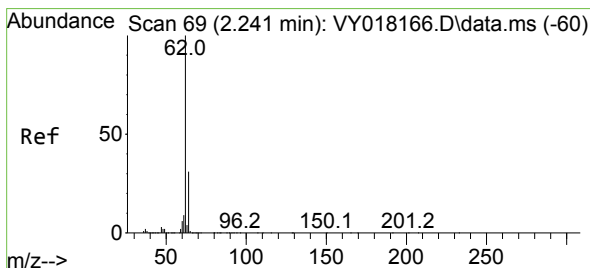
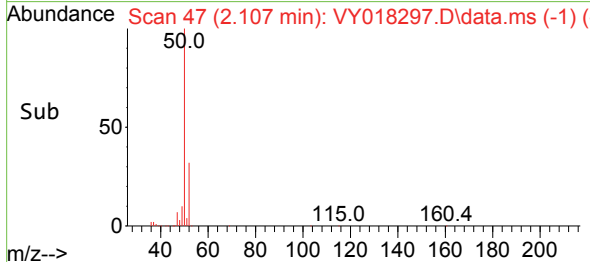
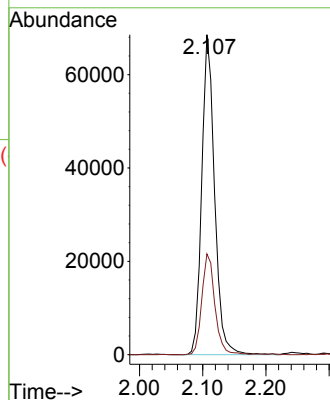
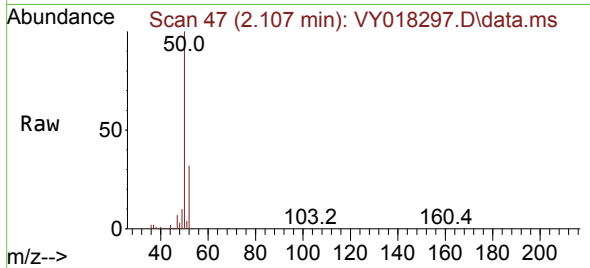




#3
Chloromethane
Concen: 55.172 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

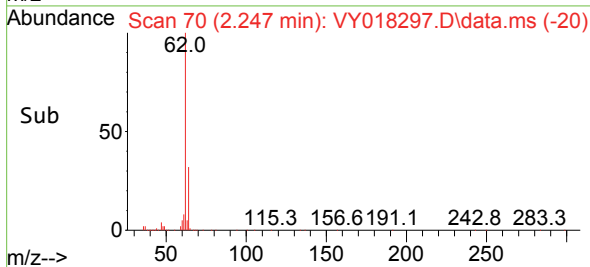
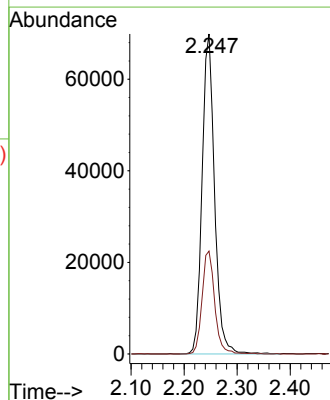
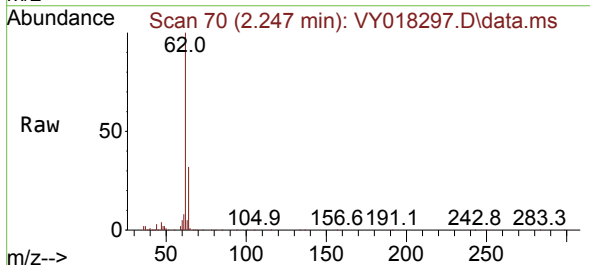
Instrument :
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ClientSampleId :
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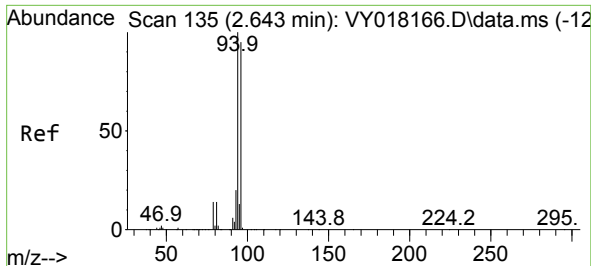
Tgt Ion: 50 Resp: 96963
Ion Ratio Lower Upper
50 100
52 31.5 25.6 38.4



#4
Vinyl Chloride
Concen: 53.581 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 62 Resp: 114152
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

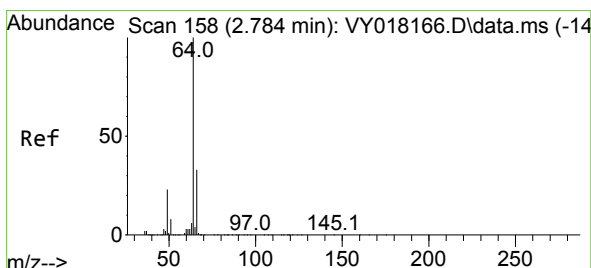
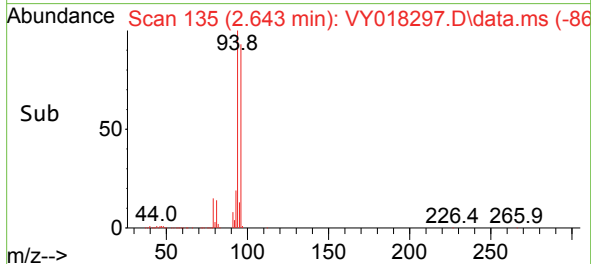
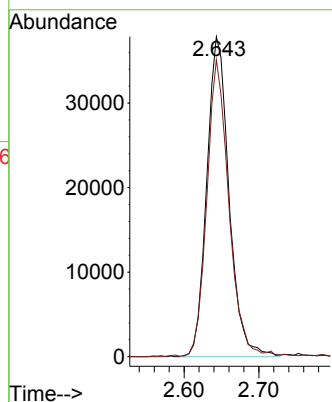
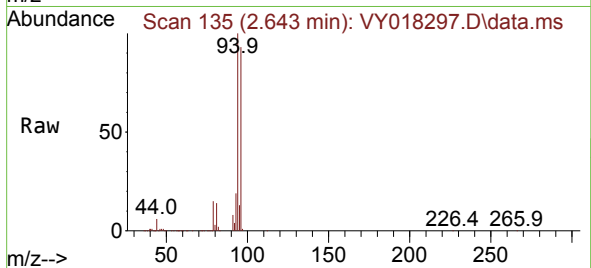




#5
Bromomethane
Concen: 52.852 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

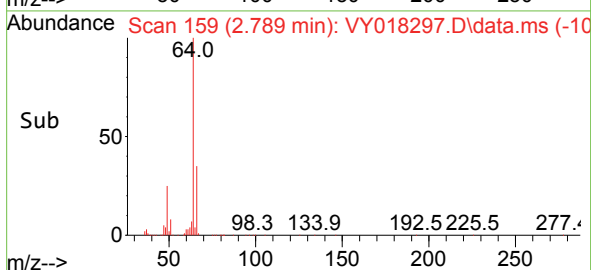
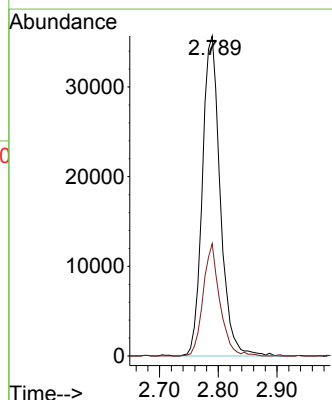
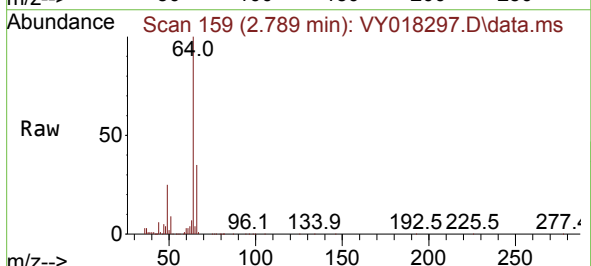
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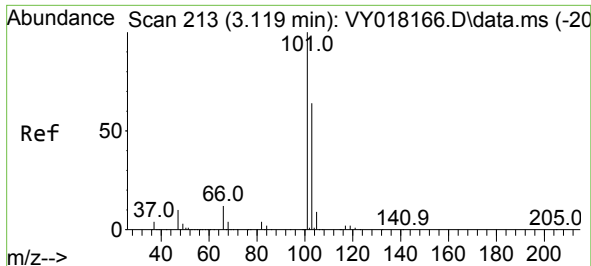
Tgt Ion: 94 Resp: 78198
Ion Ratio Lower Upper
94 100
96 92.6 74.1 111.1



#6
Chloroethane
Concen: 55.903 ug/l
RT: 2.789 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 64 Resp: 75585
Ion Ratio Lower Upper
64 100
66 35.1 26.1 39.1

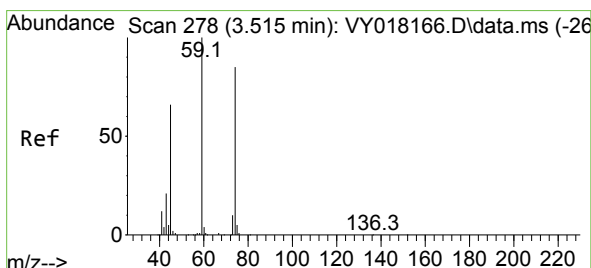
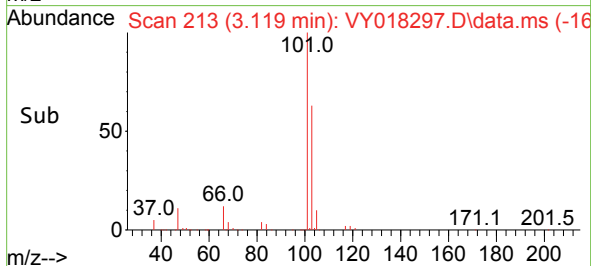
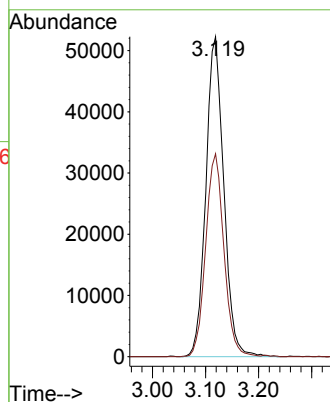
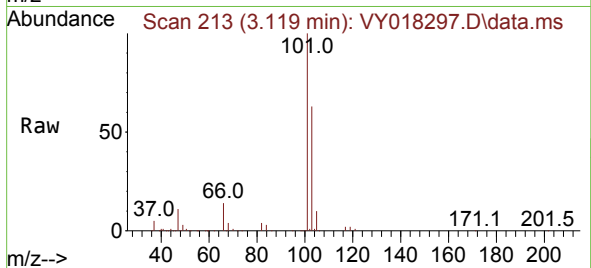




#7
Trichlorofluoromethane
Concen: 49.152 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

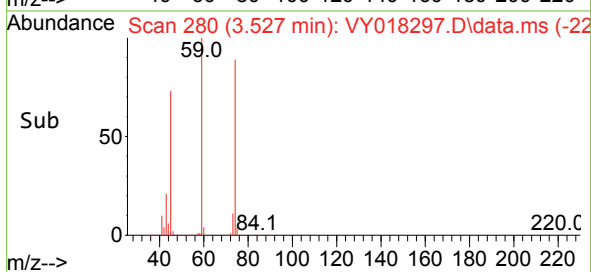
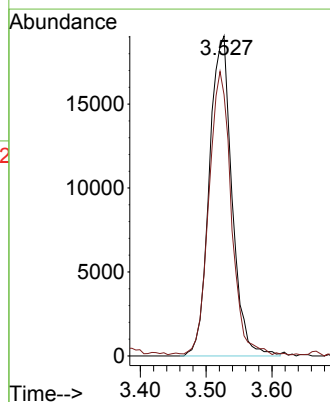
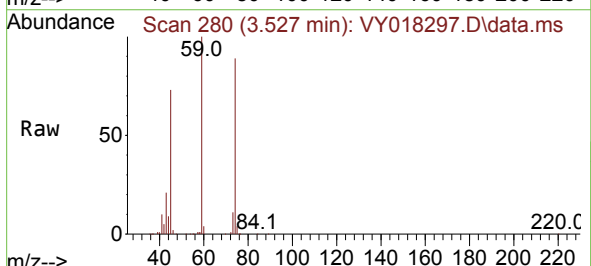
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

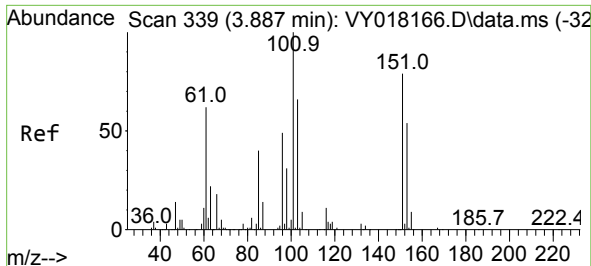
Tgt Ion:101 Resp: 122657
Ion Ratio Lower Upper
101 100
103 63.4 49.3 73.9



#8
Diethyl Ether
Concen: 55.660 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.012 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 74 Resp: 45725
Ion Ratio Lower Upper
74 100
45 87.4 41.3 124.1

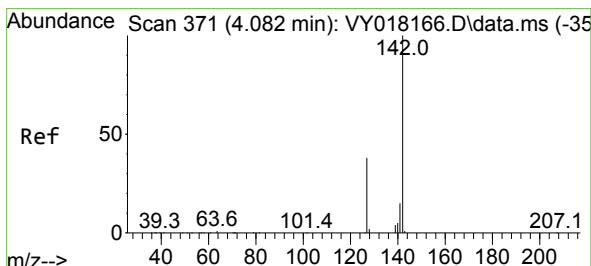
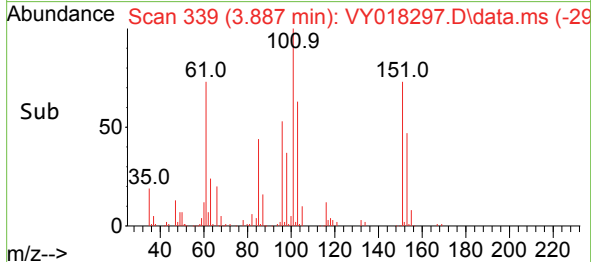
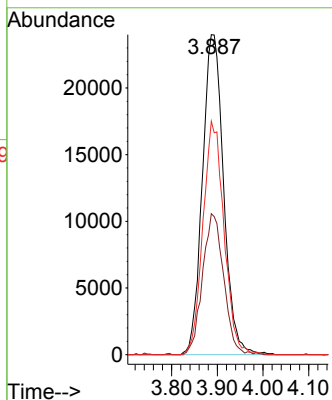
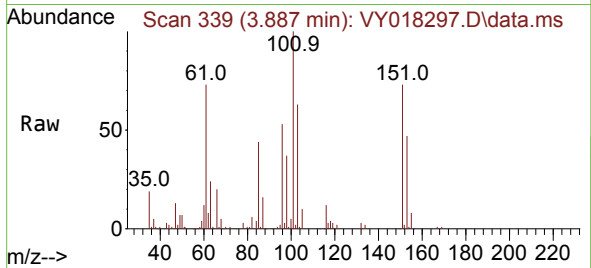




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.584 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY018297.D
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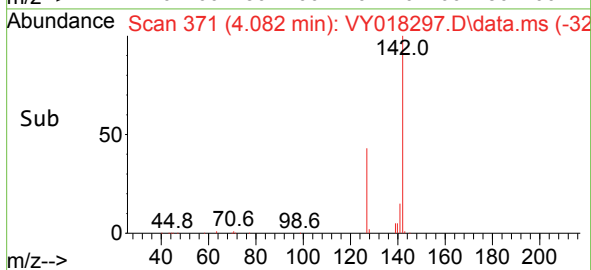
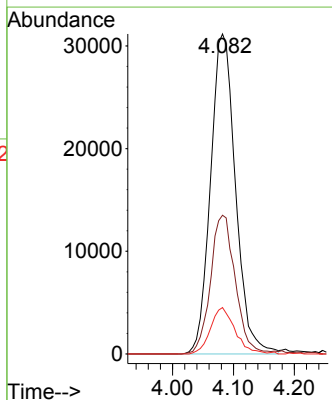
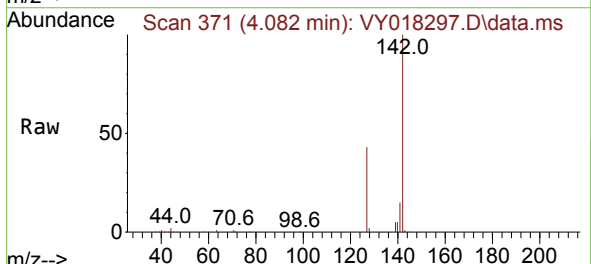
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

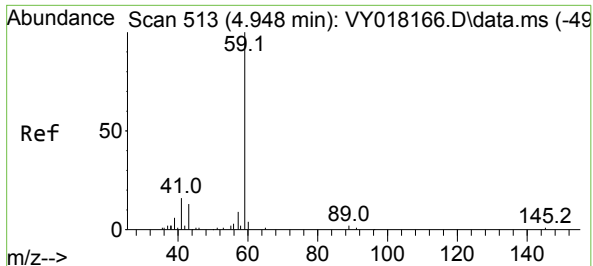
Tgt Ion:101 Resp: 77267
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 72.6 61.7 92.5



#10
Methyl Iodide
Concen: 47.808 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:142 Resp: 88787
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.2 11.4 17.2

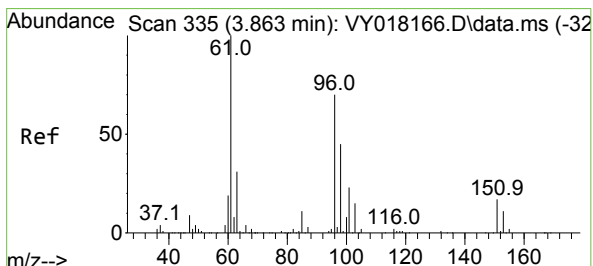
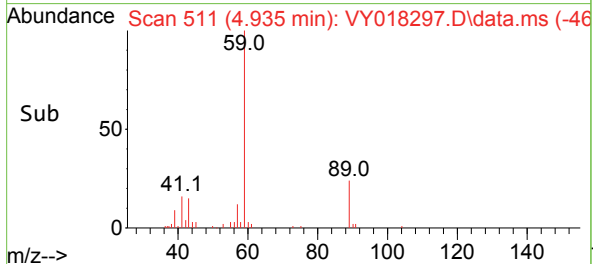
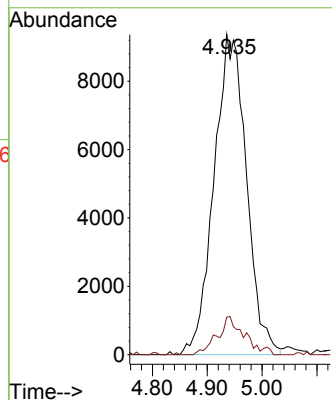
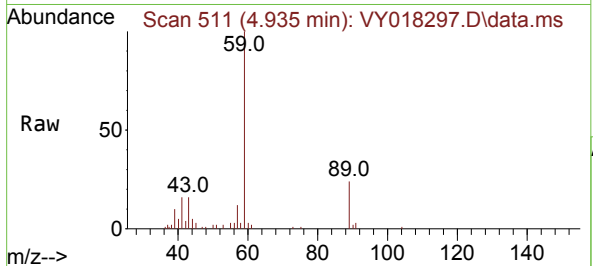




#11
Tert butyl alcohol
Concen: 364.742 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

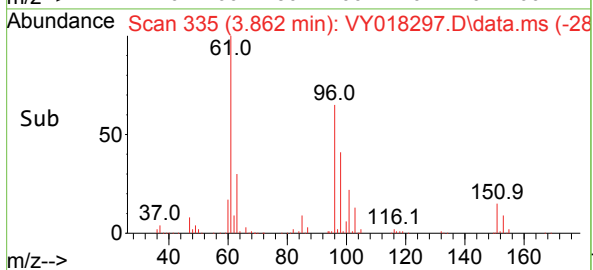
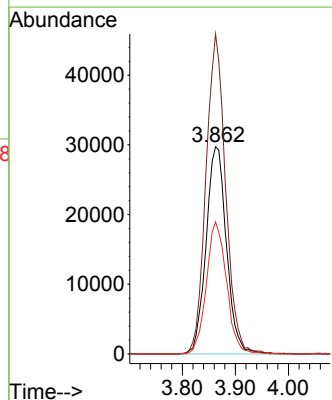
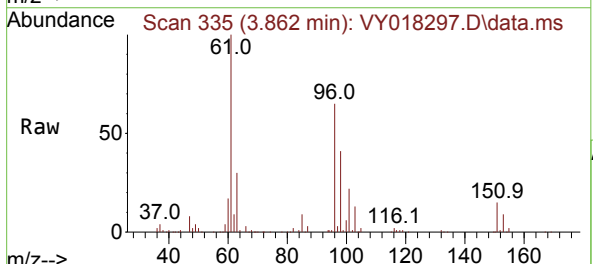
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

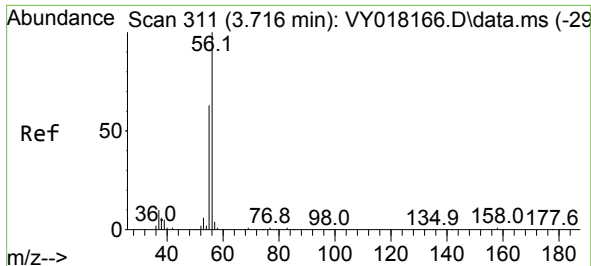
Tgt Ion: 59 Resp: 38462
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.690 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 96 Resp: 79556
Ion Ratio Lower Upper
96 100
61 154.4 114.6 171.8
98 63.7 50.8 76.2

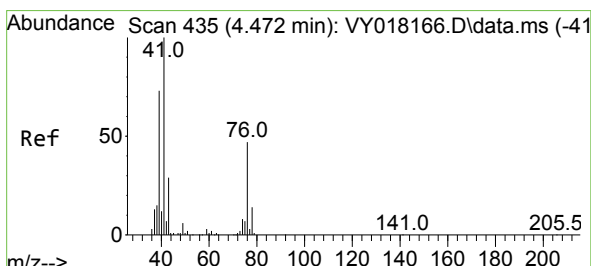
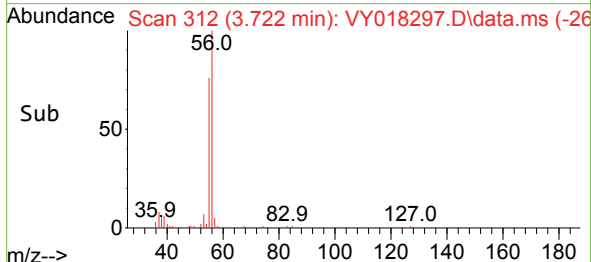
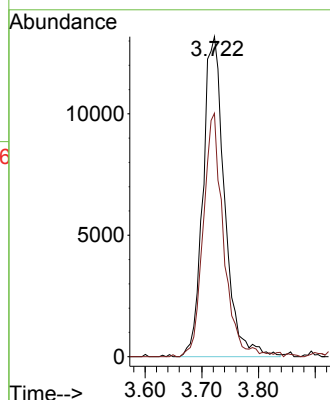
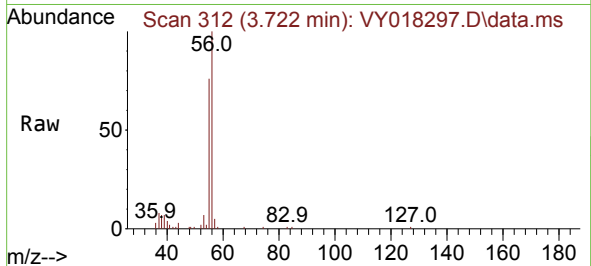




#13
Acrolein
Concen: 294.706 ug/l
RT: 3.722 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

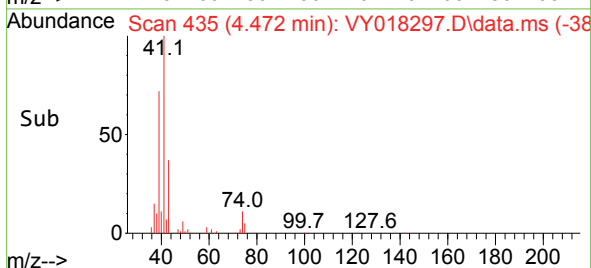
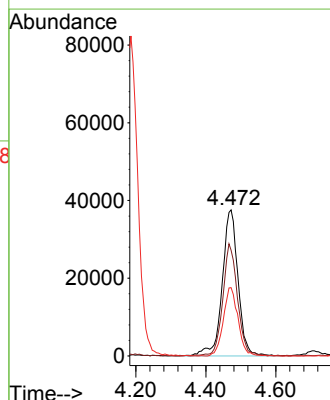
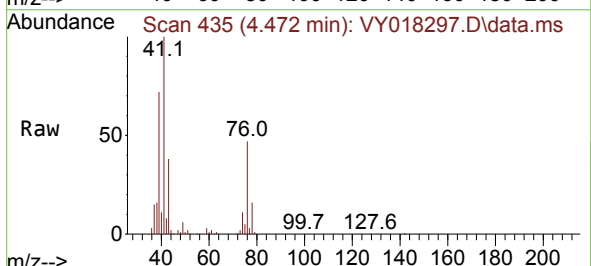
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

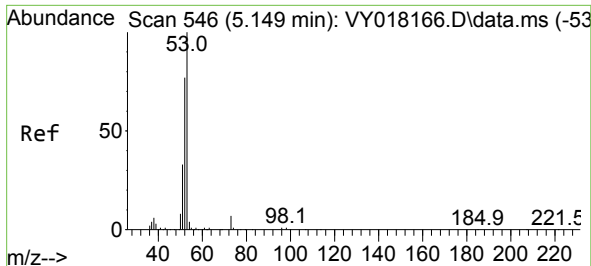
Tgt Ion: 56 Resp: 34978
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 58.001 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 41 Resp: 118134
Ion Ratio Lower Upper
41 100
39 71.2 58.3 87.5
76 43.3 39.0 58.6

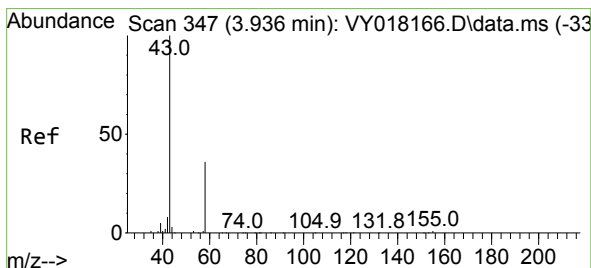
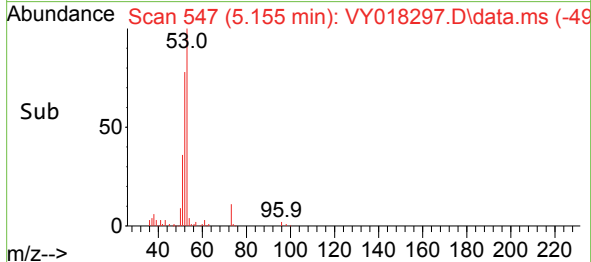
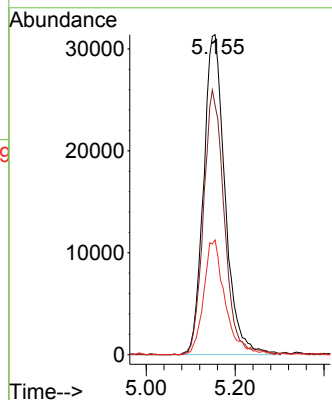
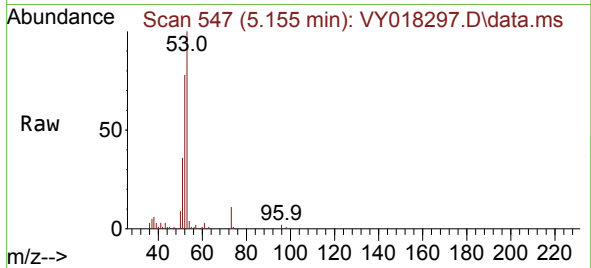




#15
Acrylonitrile
Concen: 335.177 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

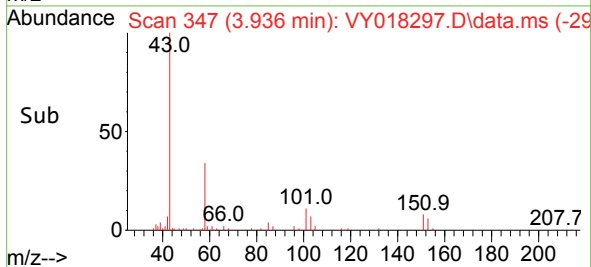
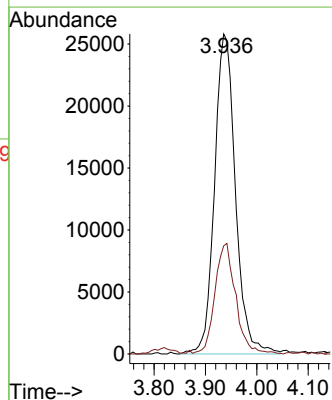
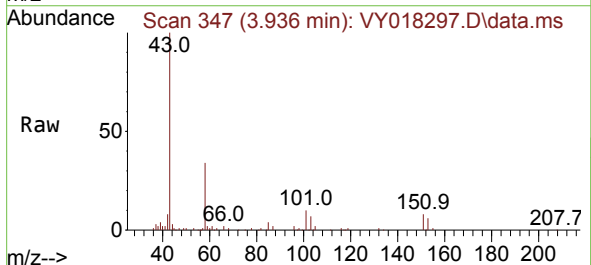
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

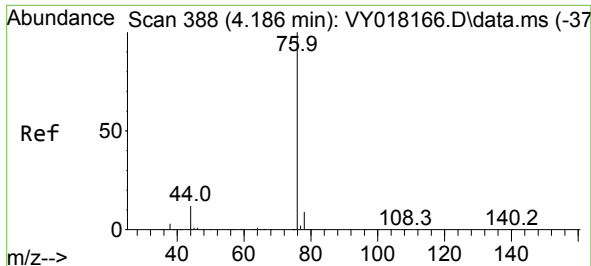
Tgt Ion: 53 Resp: 105888
Ion Ratio Lower Upper
53 100
52 80.0 64.7 97.1
51 35.6 28.4 42.6



#16
Acetone
Concen: 300.263 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 43 Resp: 72978
Ion Ratio Lower Upper
43 100
58 33.6 31.7 47.5

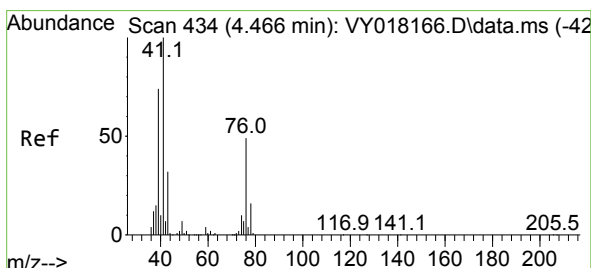
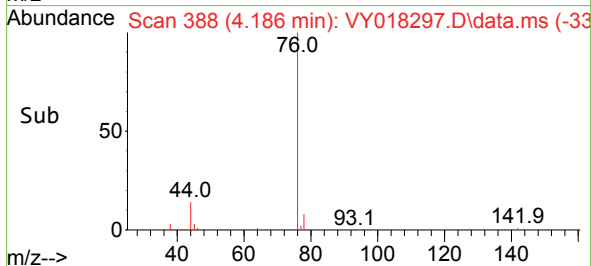
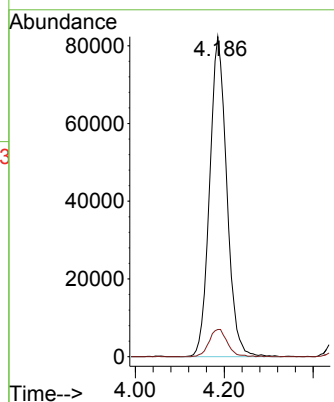
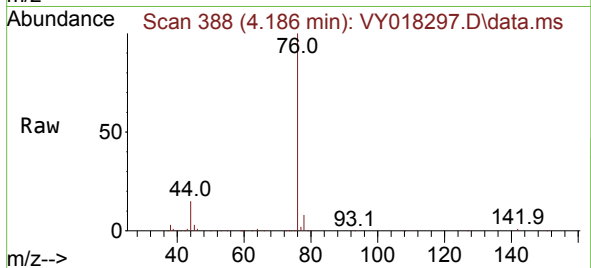




#17
Carbon Disulfide
Concen: 50.617 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

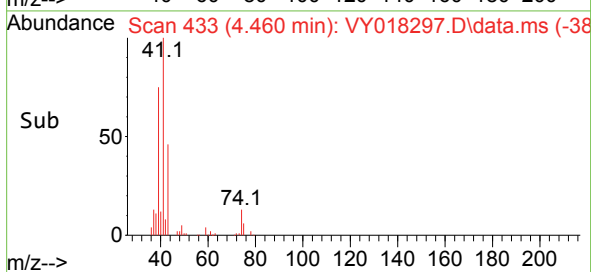
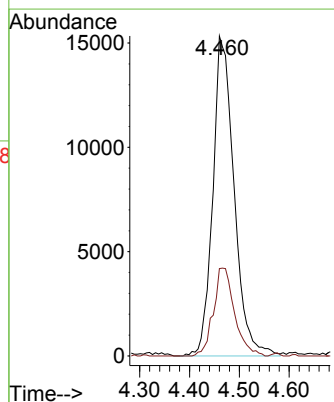
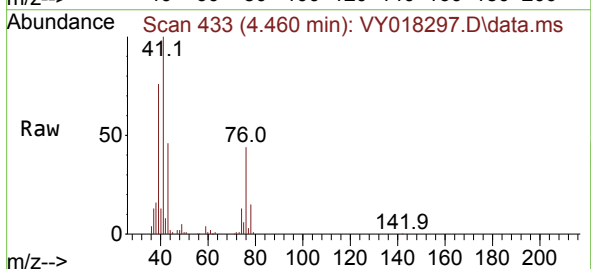
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

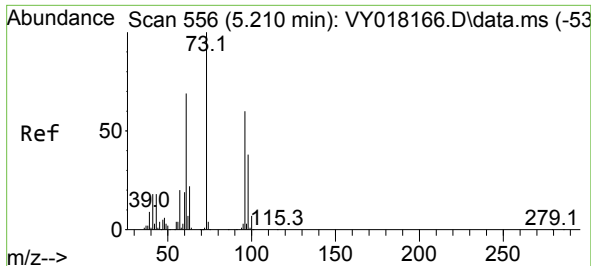
Tgt Ion: 76 Resp: 220620
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 65.721 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 43 Resp: 45501
Ion Ratio Lower Upper
43 100
74 27.3 23.3 34.9

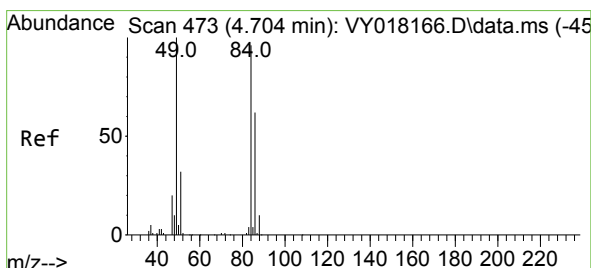
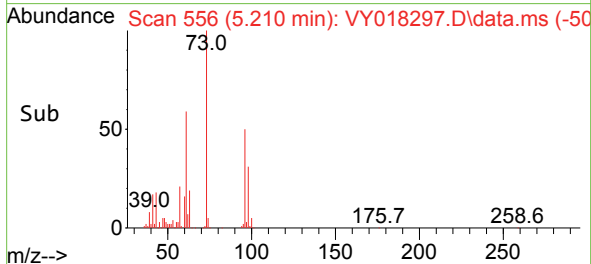
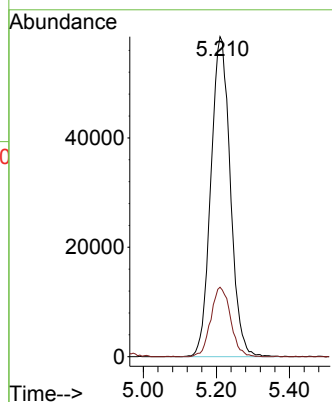
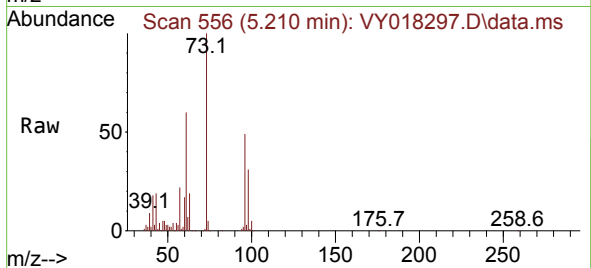




#19
Methyl tert-butyl Ether
Concen: 60.473 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

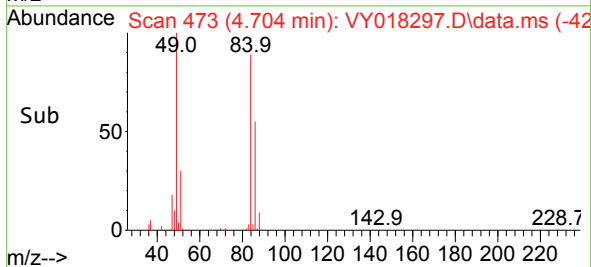
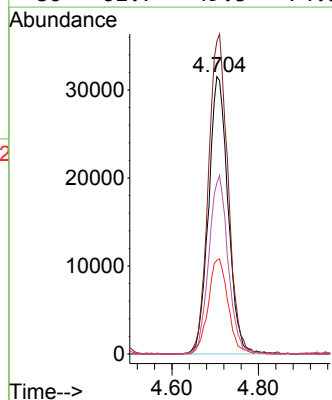
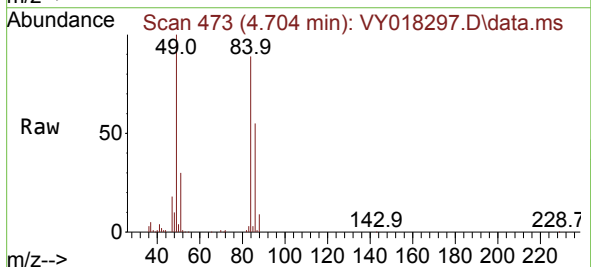
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

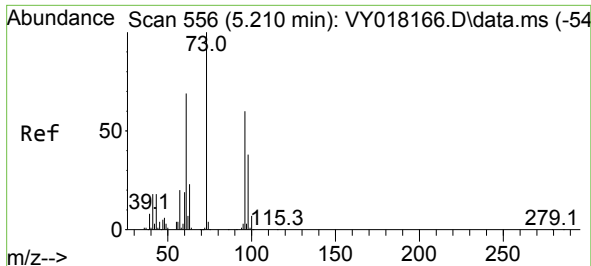
Tgt Ion: 73 Resp: 215672
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 57.388 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 84 Resp: 98587
Ion Ratio Lower Upper
84 100
49 112.5 84.4 126.6
51 33.8 26.0 39.0
86 61.7 49.5 74.3

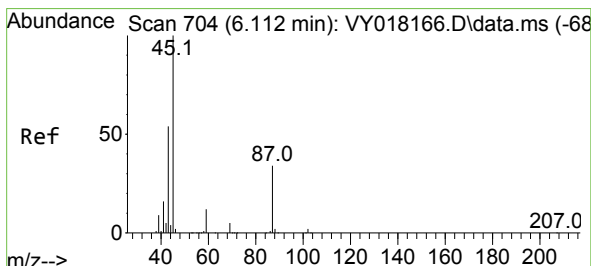
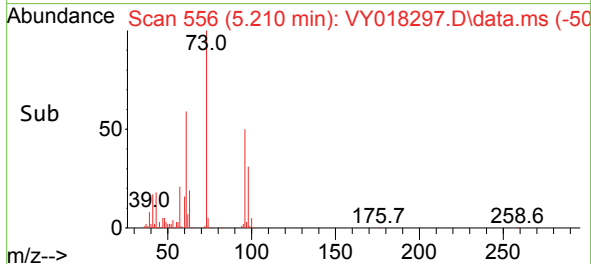
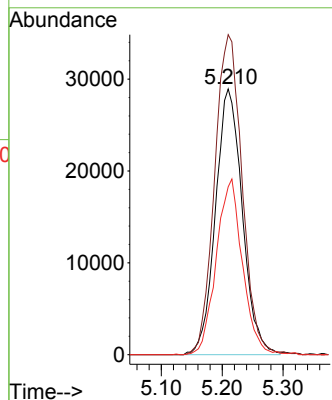
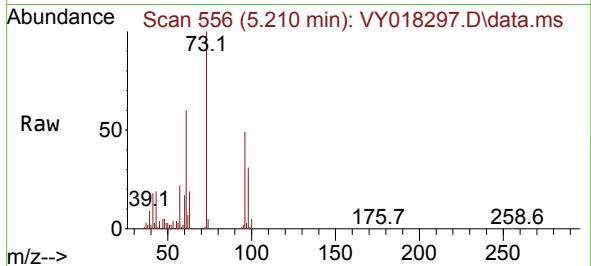




#21
trans-1,2-Dichloroethene
Concen: 52.142 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

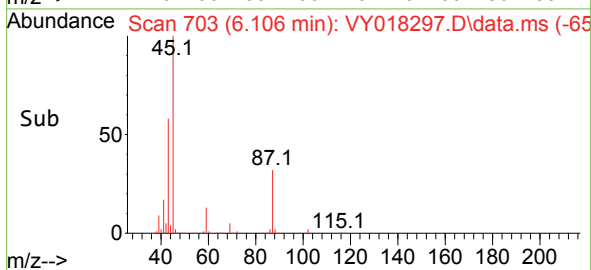
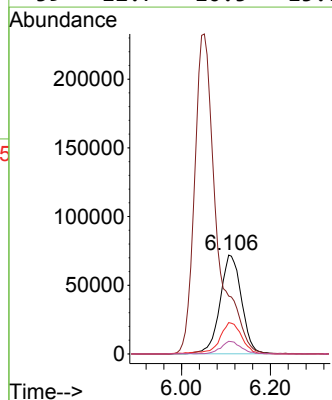
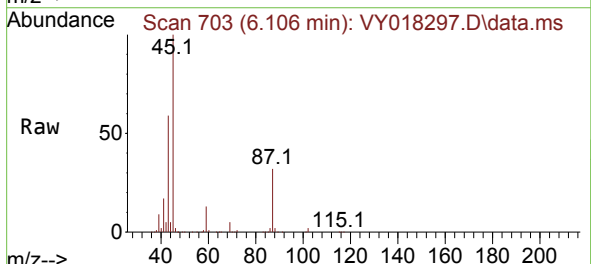
Instrument :
MSVOA_Y
ClientSampleId :
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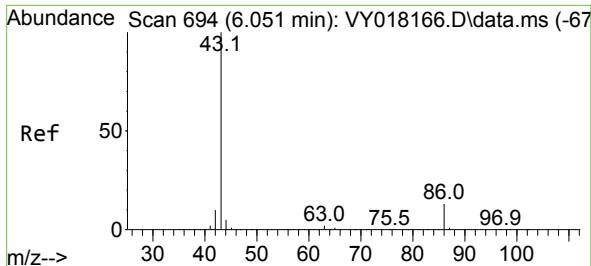
Tgt Ion: 96 Resp: 88491
Ion Ratio Lower Upper
96 100
61 120.4 97.5 146.3
98 63.2 50.5 75.7



#22
Diisopropyl ether
Concen: 55.747 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 45 Resp: 240865
Ion Ratio Lower Upper
45 100
43 58.0 42.2 63.2
87 31.6 25.0 37.6
59 12.7 10.5 15.7

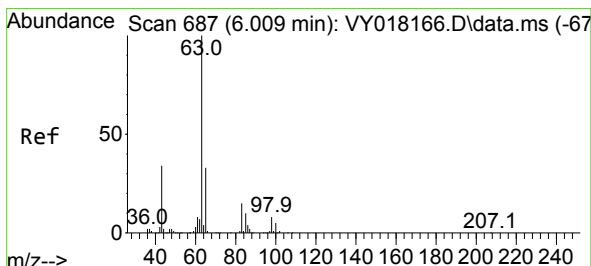
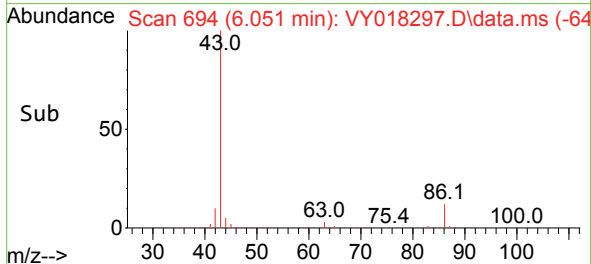
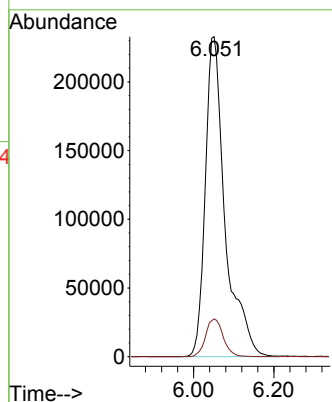
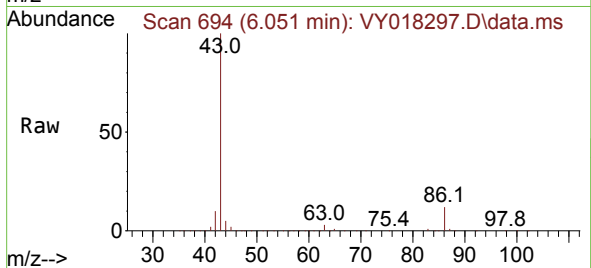




#23
Vinyl Acetate
Concen: 304.090 ug/l
RT: 6.051 min Scan# 694
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

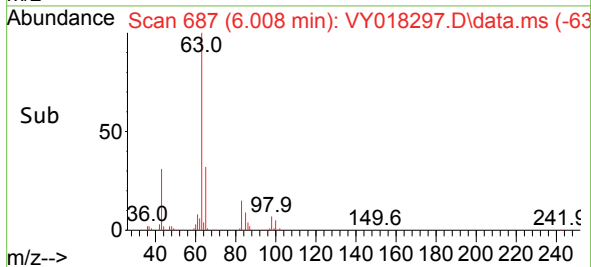
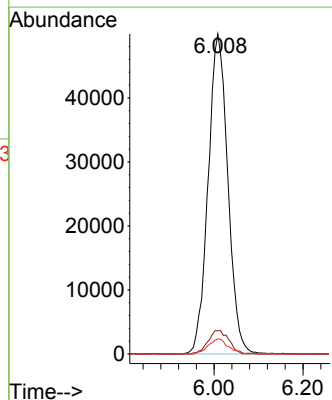
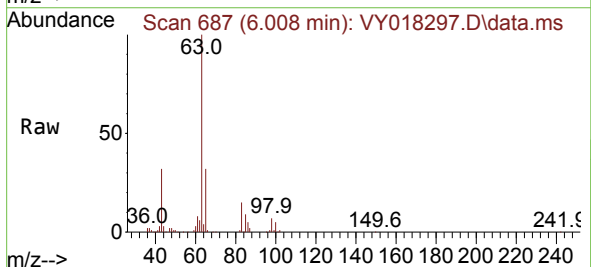
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

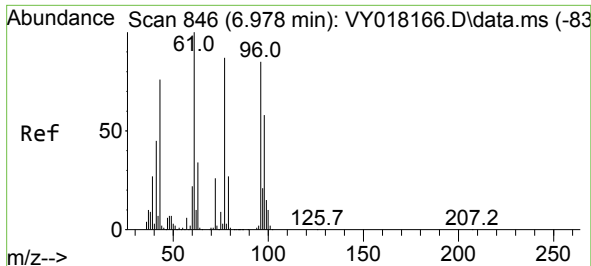
Tgt Ion: 43 Resp: 798561
Ion Ratio Lower Upper
43 100
86 11.8 10.6 16.0



#24
1,1-Dichloroethane
Concen: 57.886 ug/l
RT: 6.008 min Scan# 687
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 63 Resp: 154044
Ion Ratio Lower Upper
63 100
98 7.2 4.0 12.2
100 4.7 2.6 8.0

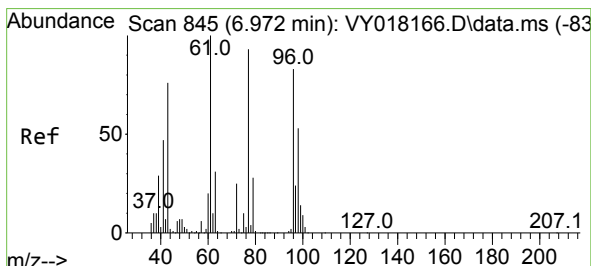
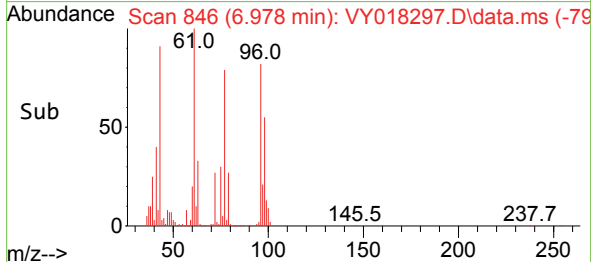
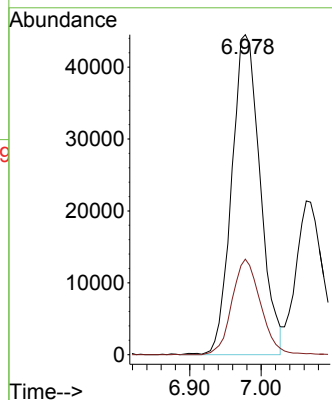
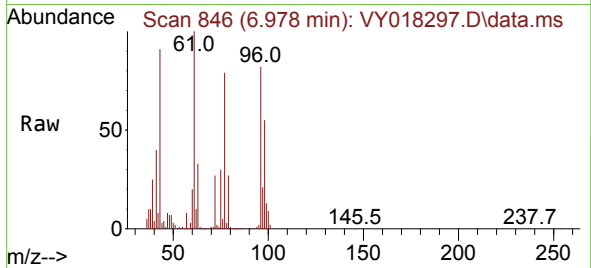




#25
2-Butanone
Concen: 316.698 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

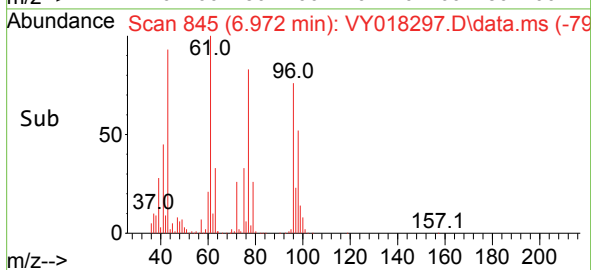
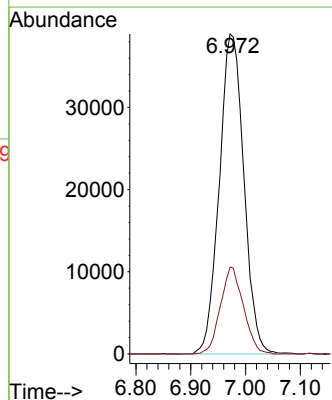
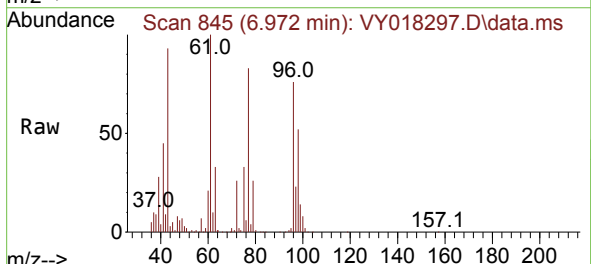
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

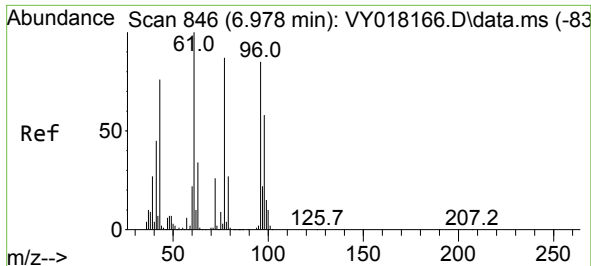
Tgt Ion: 43 Resp: 123040
Ion Ratio Lower Upper
43 100
72 29.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 50.295 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 77 Resp: 121137
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.617 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

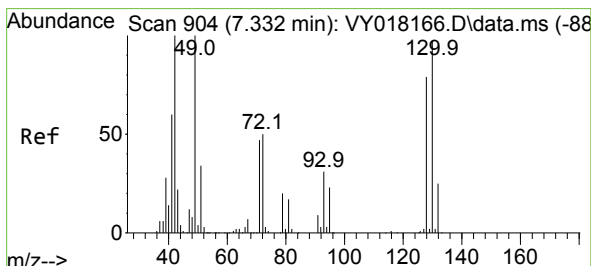
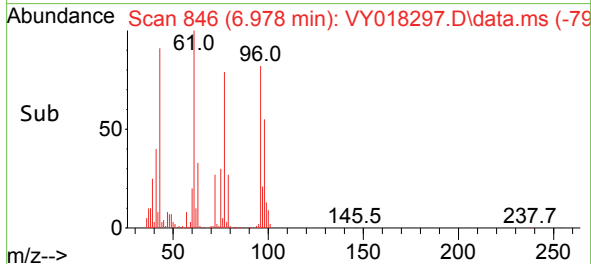
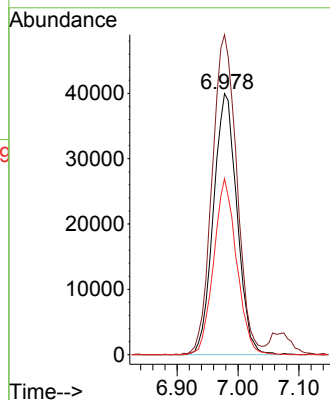
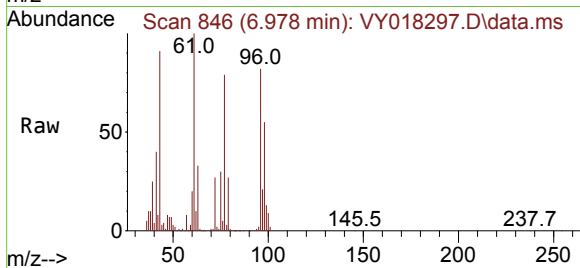
Tgt Ion: 96 Resp: 107536

Ion Ratio Lower Upper

96 100

61 128.1 0.0 256.2

98 65.4 0.0 130.0



#28

Bromochloromethane

Concen: 55.052 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

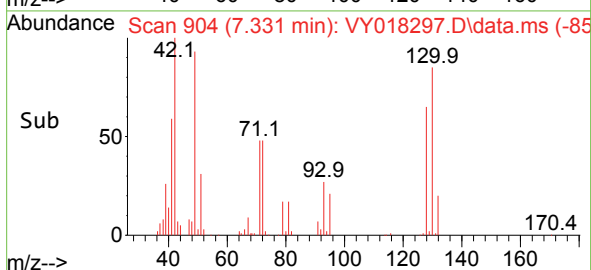
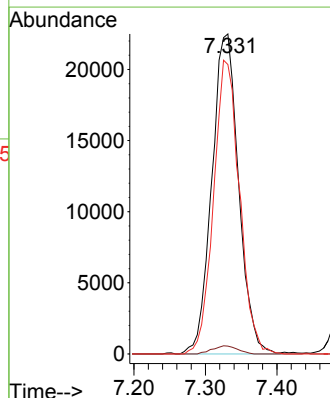
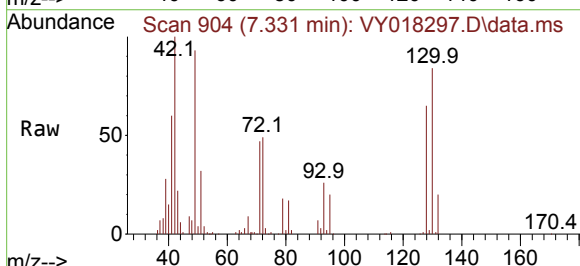
Tgt Ion: 49 Resp: 58556

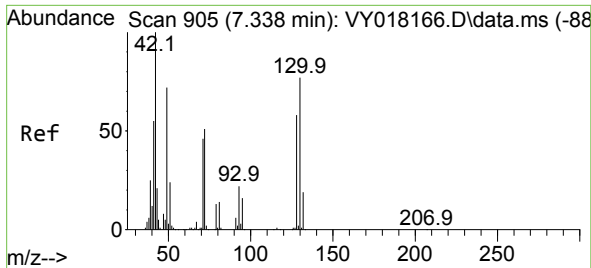
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 88.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 315.682 ug/l

RT: 7.343 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

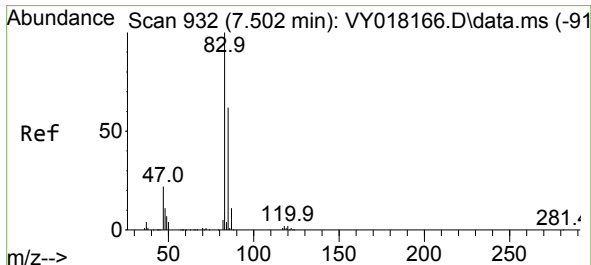
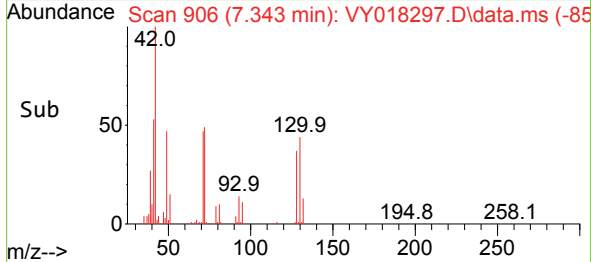
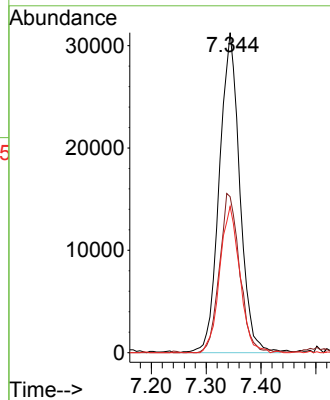
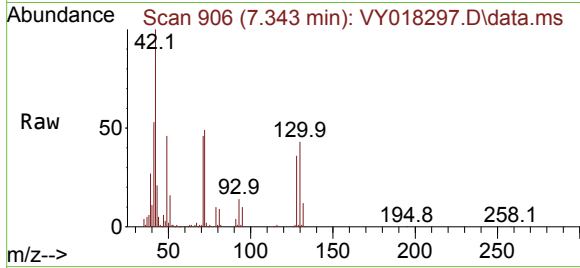
Tgt Ion: 42 Resp: 80957

Ion Ratio Lower Upper

42 100

72 49.4 43.0 64.4

71 44.9 40.8 61.2



#30

Chloroform

Concen: 54.985 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY018297.D

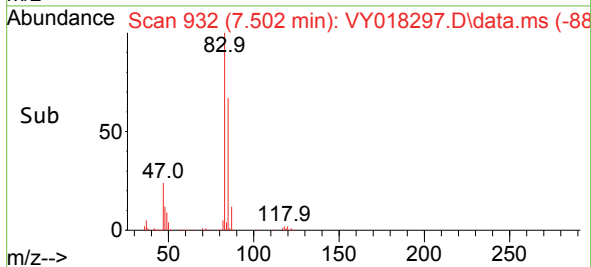
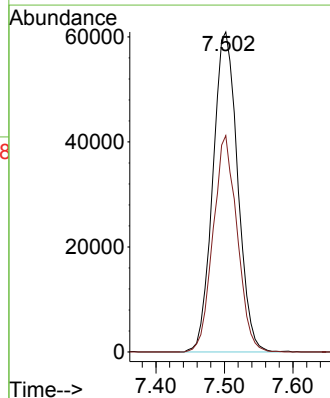
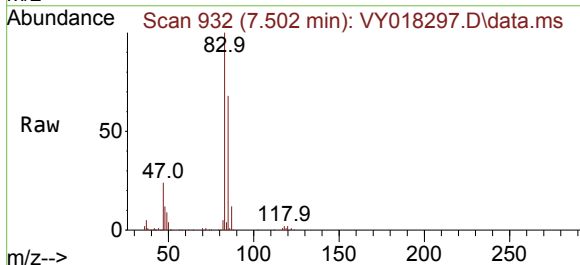
Acq: 16 May 2024 19:56

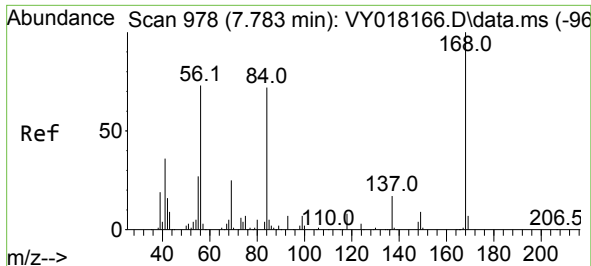
Tgt Ion: 83 Resp: 152755

Ion Ratio Lower Upper

83 100

85 67.6 52.2 78.4

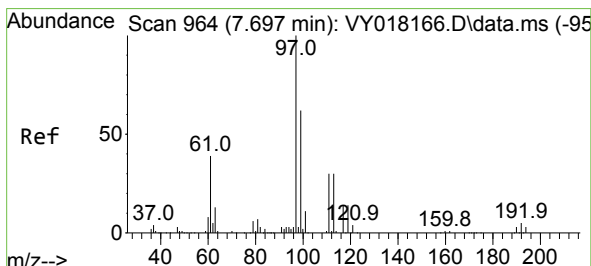
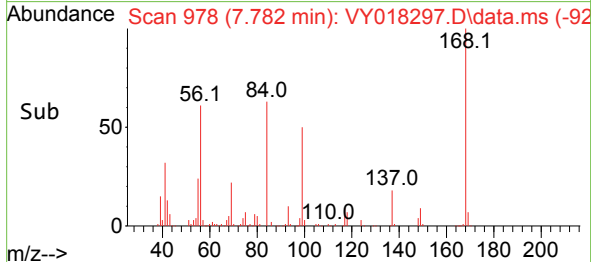
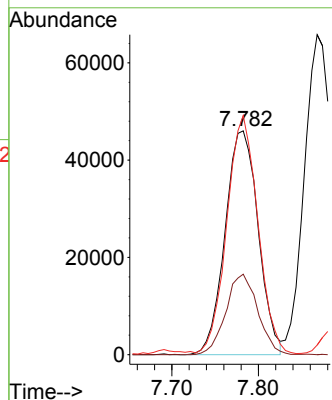
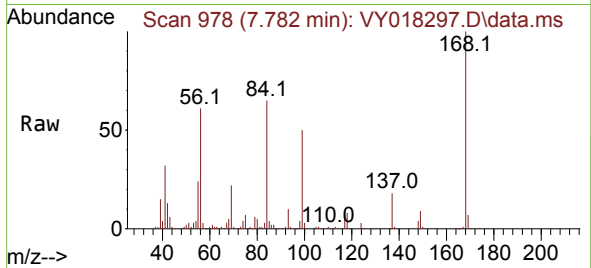




#31
Cyclohexane
Concen: 51.784 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

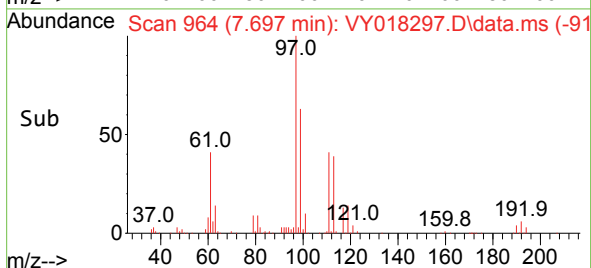
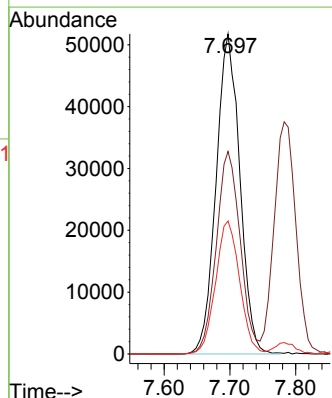
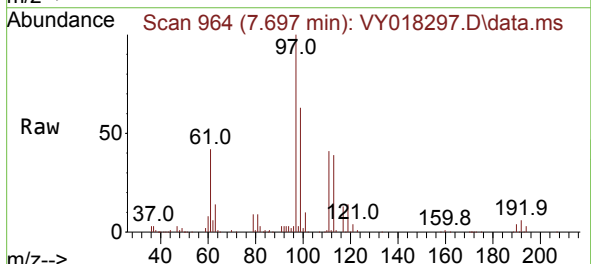
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

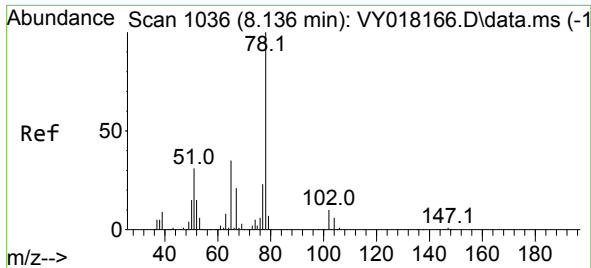
Tgt Ion: 56 Resp: 122509
Ion Ratio Lower Upper
56 100
69 35.9 28.7 43.1
84 105.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.197 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 97 Resp: 129972
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 42.1 32.6 48.8

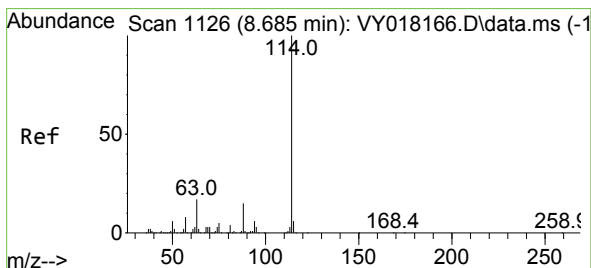
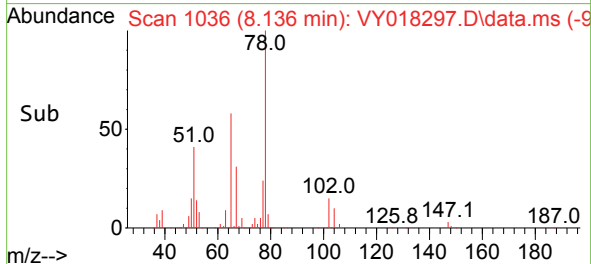
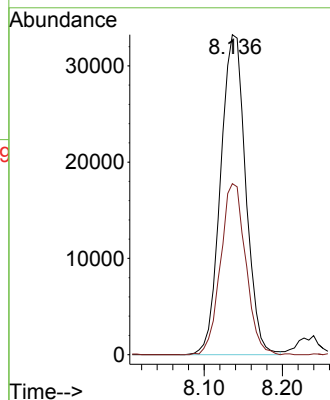
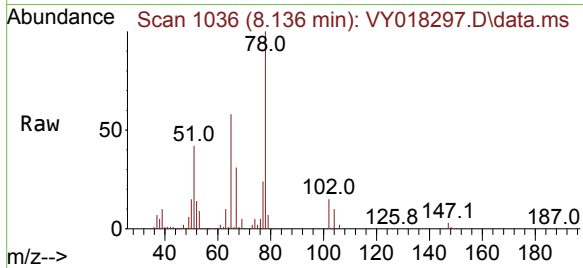




#33
 1,2-Dichloroethane-d4
 Concen: 60.863 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY018297.D
 Acq: 16 May 2024 19:56

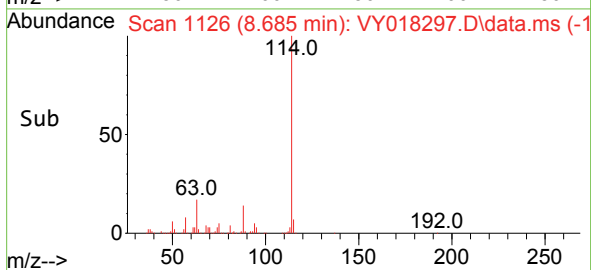
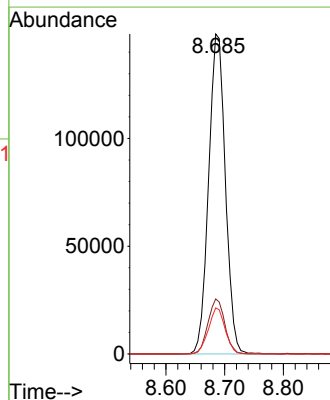
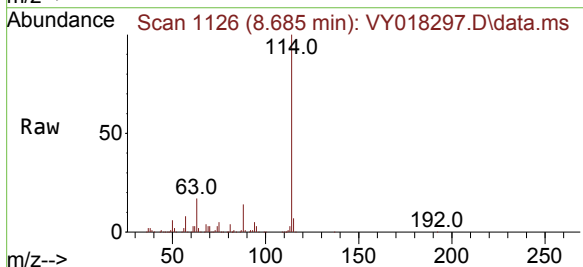
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

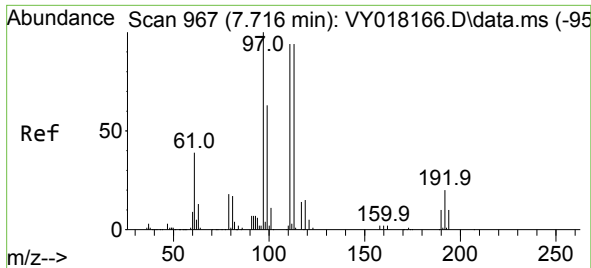
Tgt Ion: 65 Resp: 74126
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY018297.D
 Acq: 16 May 2024 19:56

Tgt Ion: 114 Resp: 294054
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 14.4 0.0 27.2

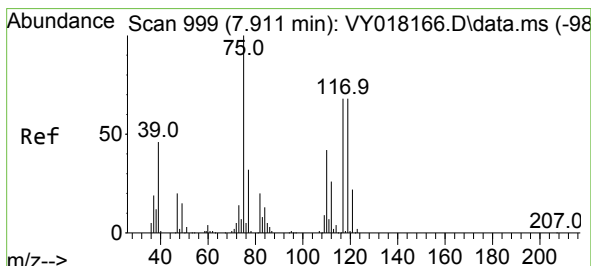
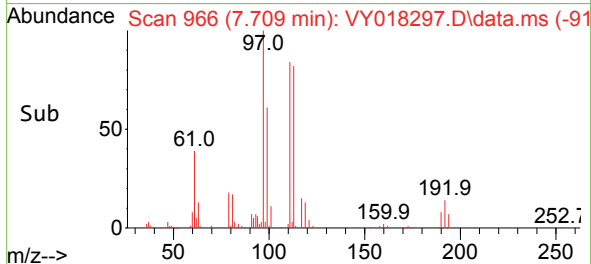
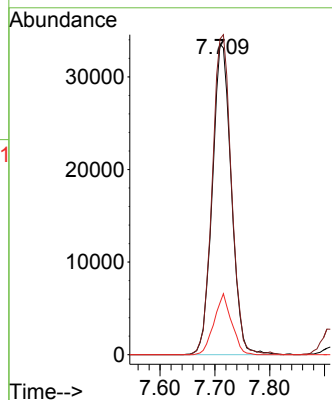
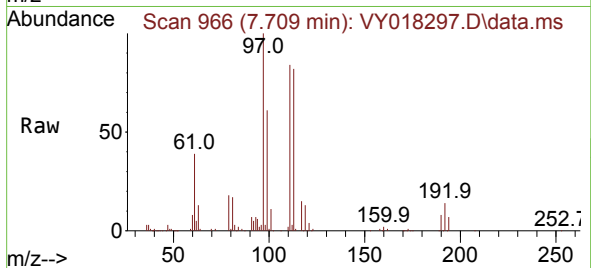




#35
 Dibromofluoromethane
 Concen: 52.140 ug/l
 RT: 7.709 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY018297.D
 Acq: 16 May 2024 19:56

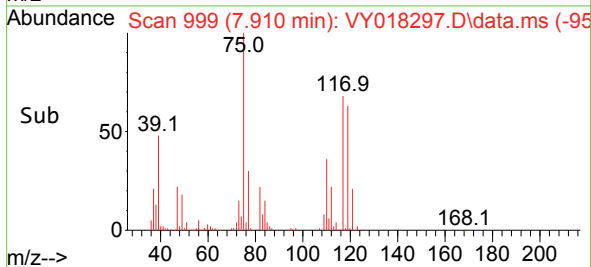
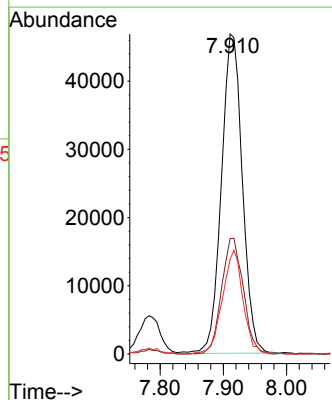
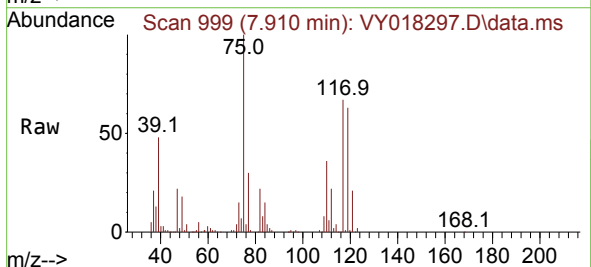
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

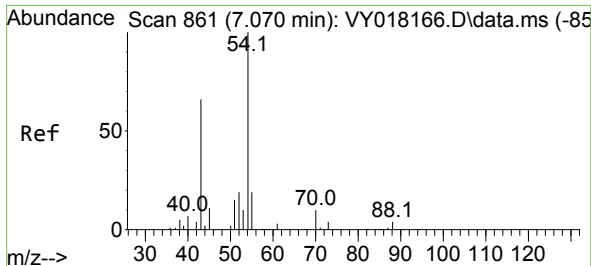
Tgt Ion:113 Resp: 80577
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 18.2 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 48.492 ug/l
 RT: 7.910 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY018297.D
 Acq: 16 May 2024 19:56

Tgt Ion: 75 Resp: 107431
 Ion Ratio Lower Upper
 75 100
 110 37.5 19.0 57.0
 77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 61.176 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

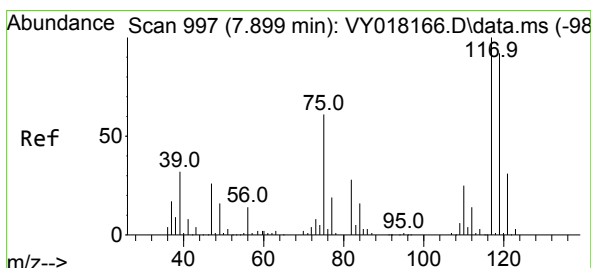
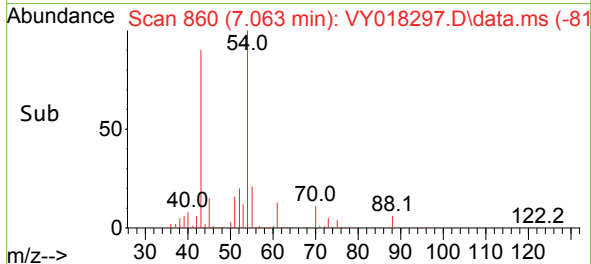
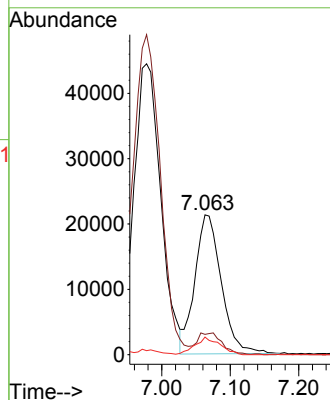
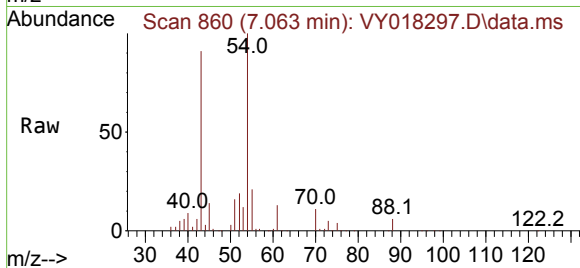
Tgt Ion: 43 Resp: 57043

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 11.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 46.229 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

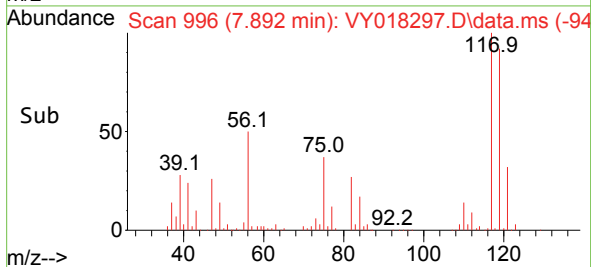
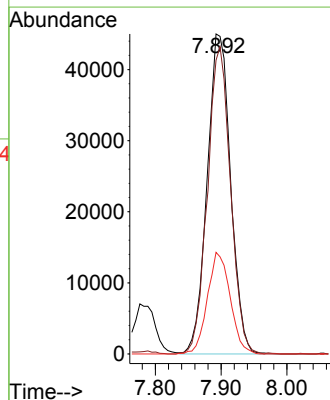
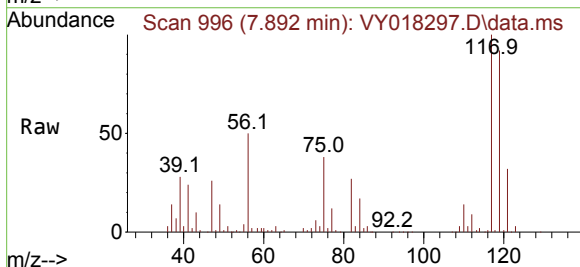
Tgt Ion: 117 Resp: 111908

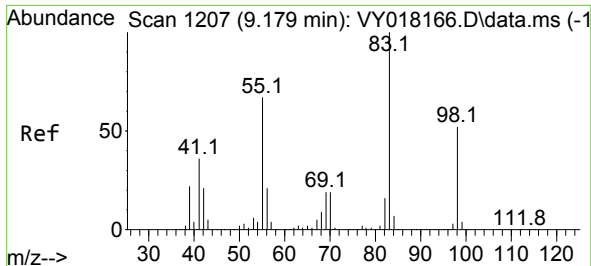
Ion Ratio Lower Upper

117 100

119 91.8 75.8 113.6

121 31.7 24.0 36.0





#39

Methylcyclohexane

Concen: 44.317 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

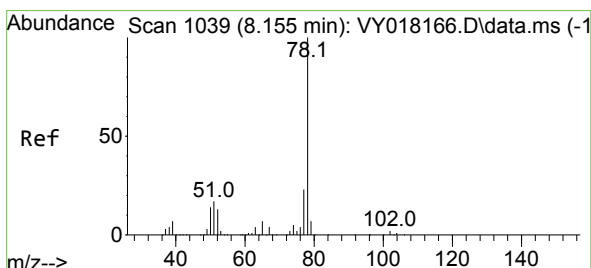
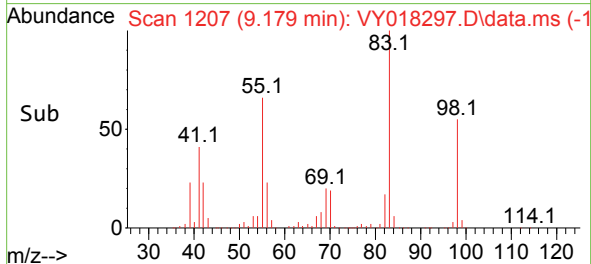
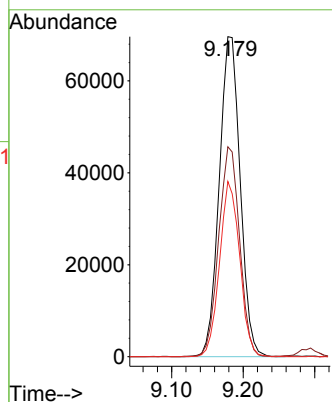
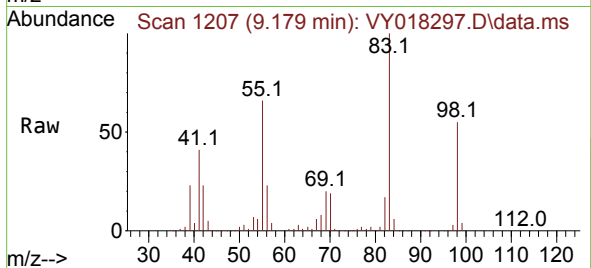
Tgt Ion: 83 Resp: 141640

Ion Ratio Lower Upper

83 100

55 65.6 51.5 77.3

98 54.8 40.5 60.7



#40

Benzene

Concen: 49.437 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY018297.D

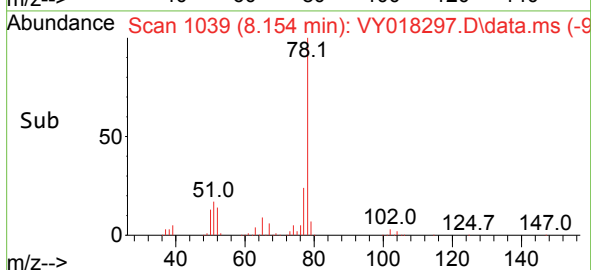
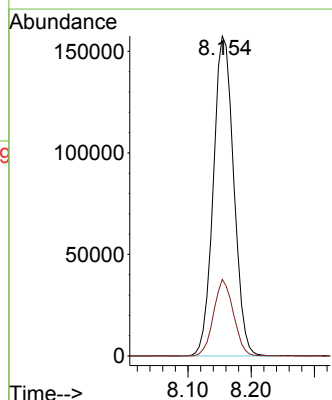
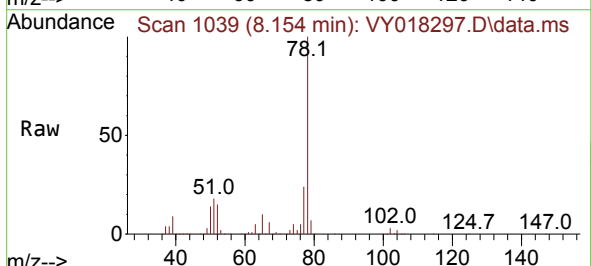
Acq: 16 May 2024 19:56

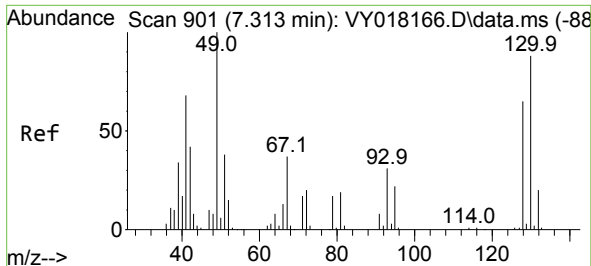
Tgt Ion: 78 Resp: 352299

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

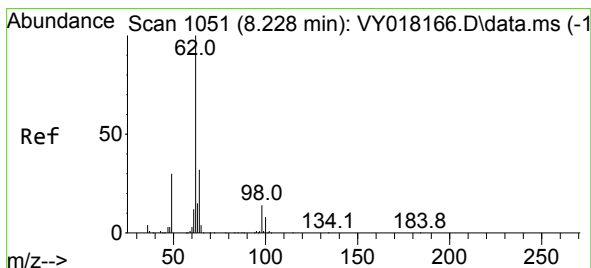
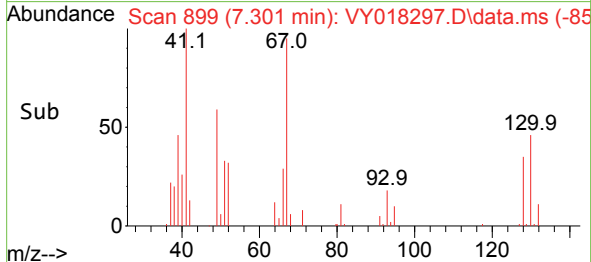
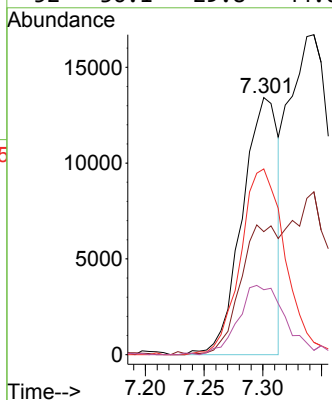
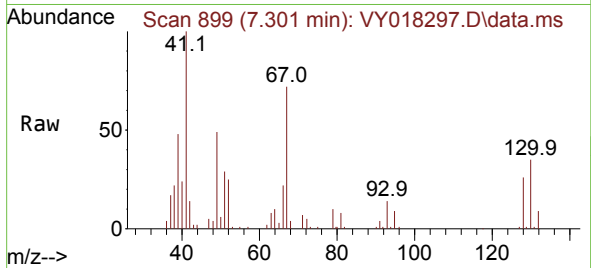




#41
Methacrylonitrile
Concen: 52.919 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.013 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

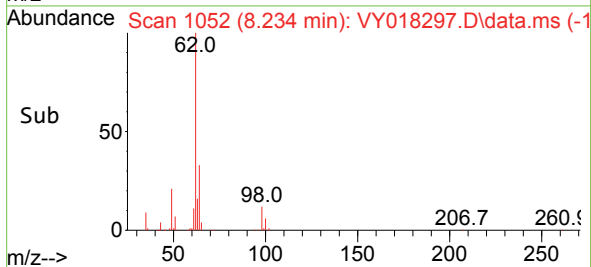
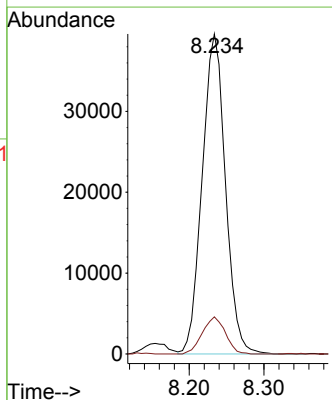
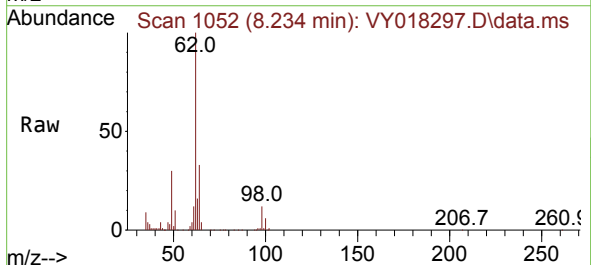
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

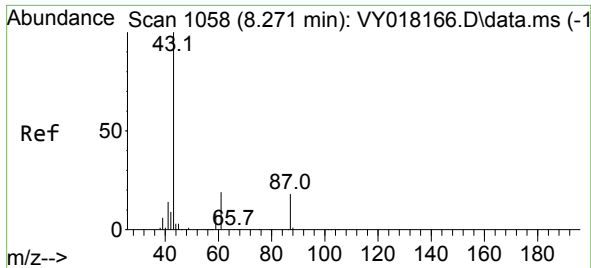
Tgt Ion:	41	Resp:	28494
Ion	Ratio	Lower	Upper
41	100		
39	52.0	48.0	72.0
67	90.8	75.1	112.7
52	36.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 55.245 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:	62	Resp:	85657
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0

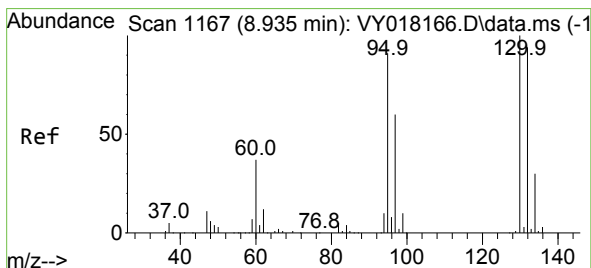
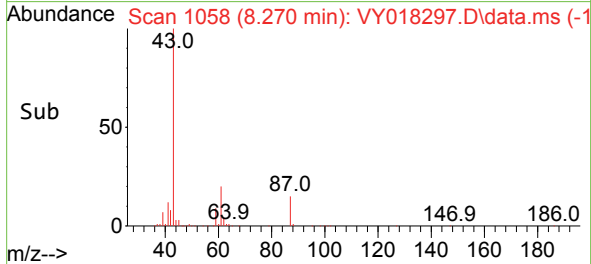
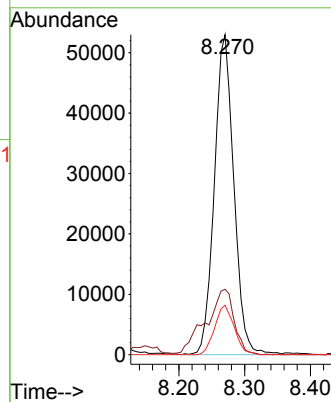
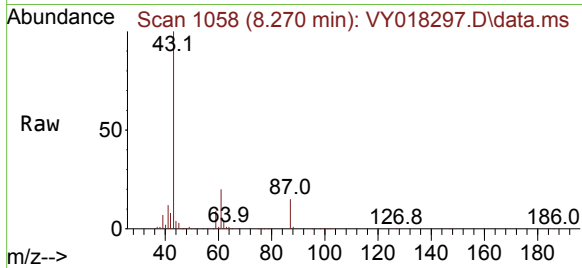




#43
Isopropyl Acetate
Concen: 57.146 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

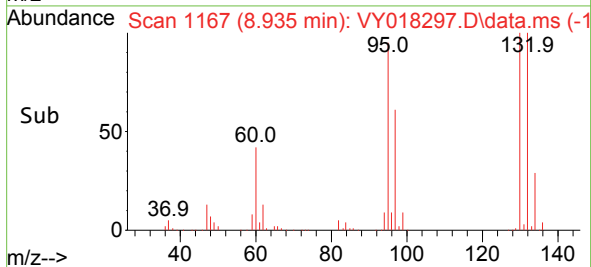
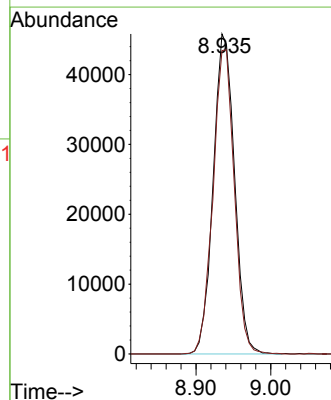
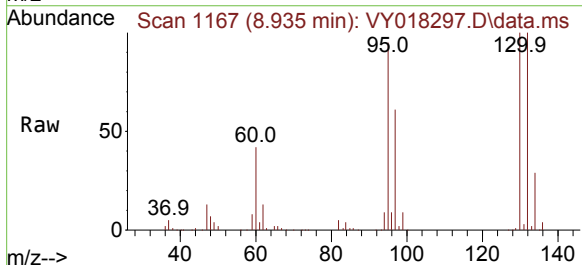
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

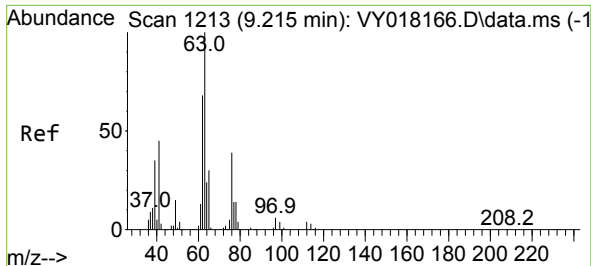
Tgt Ion: 43 Resp: 109222
Ion Ratio Lower Upper
43 100
61 29.4 27.9 41.9
87 15.5 13.1 19.7



#44
Trichloroethene
Concen: 46.816 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:130 Resp: 90820
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.742 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

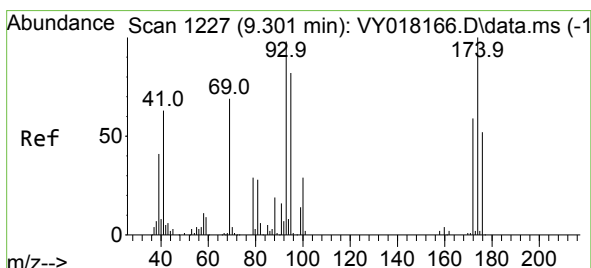
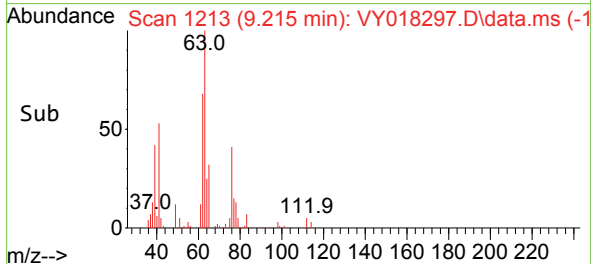
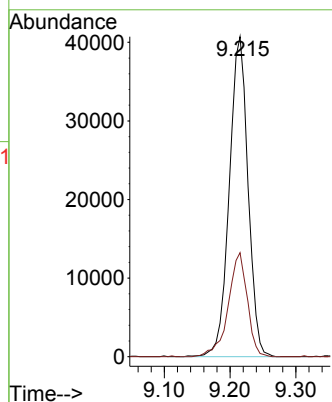
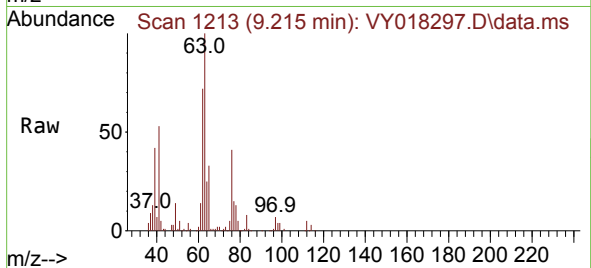
VSTDCCC050EC

Tgt Ion: 63 Resp: 80612

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 52.320 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

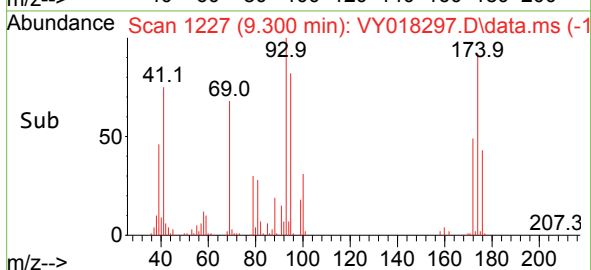
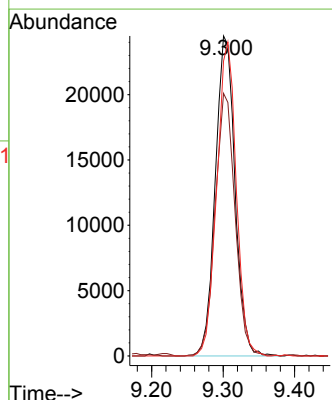
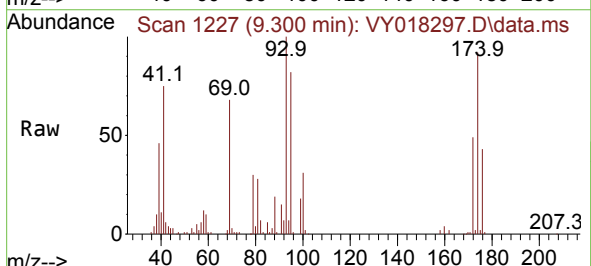
Tgt Ion: 93 Resp: 46860

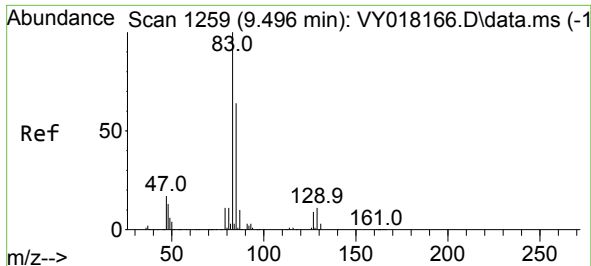
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 96.7 80.9 121.3

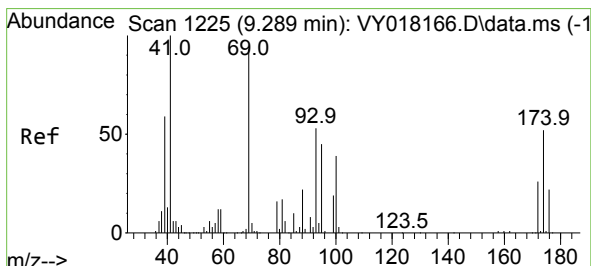
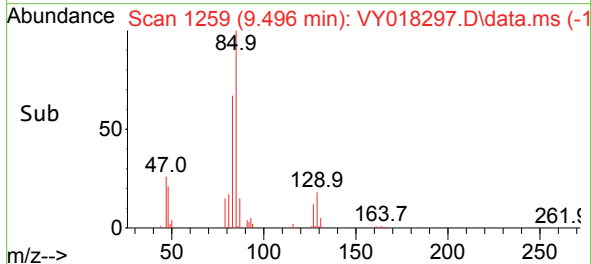
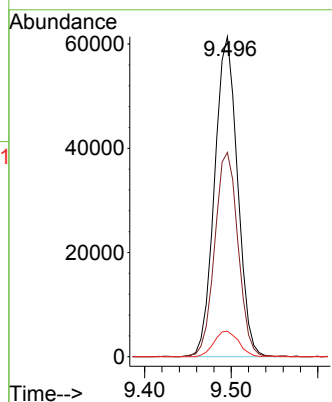
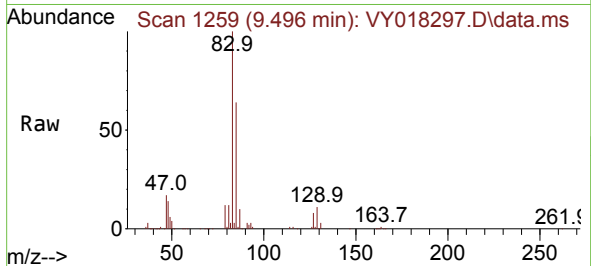




#47
Bromodichloromethane
Concen: 51.021 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

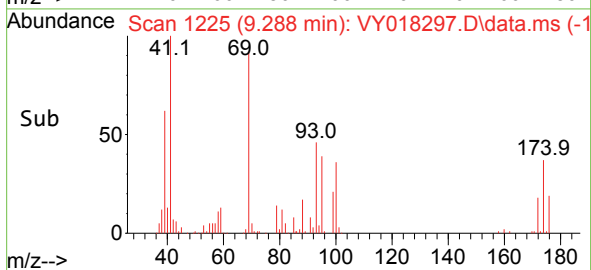
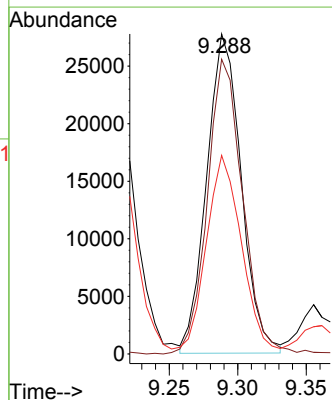
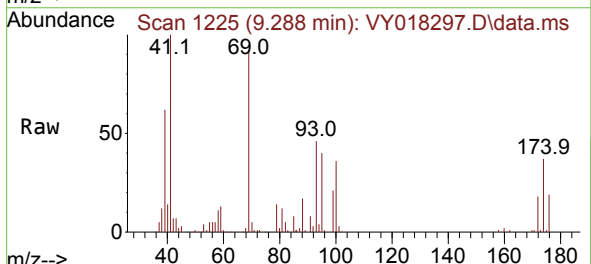
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

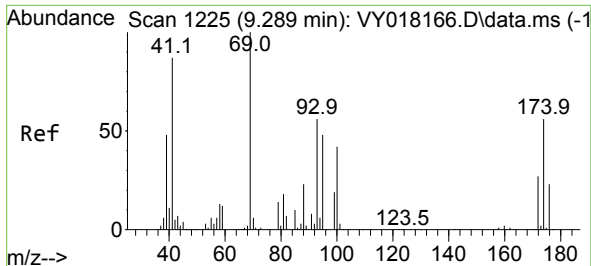
Tgt Ion: 83 Resp: 112969
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 55.510 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 41 Resp: 48625
Ion Ratio Lower Upper
41 100
69 94.4 84.1 126.1
39 60.7 43.6 65.4

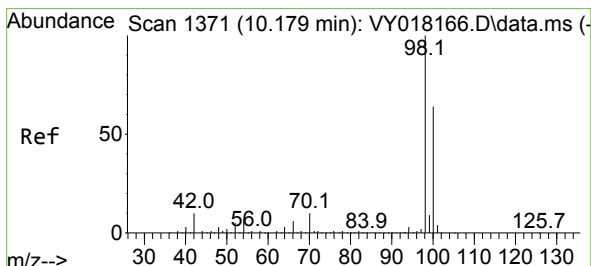
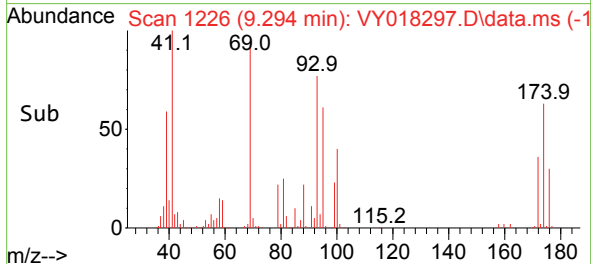
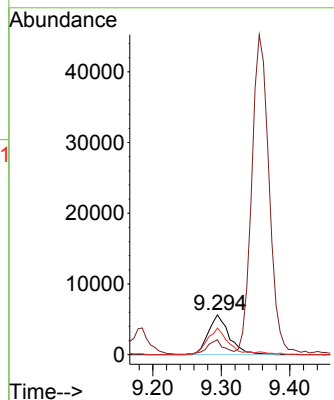
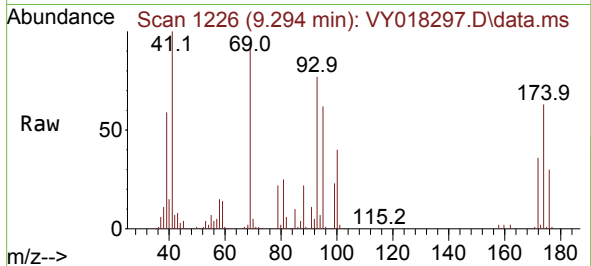




#49
1,4-Dioxane
Concen: 1014.253 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

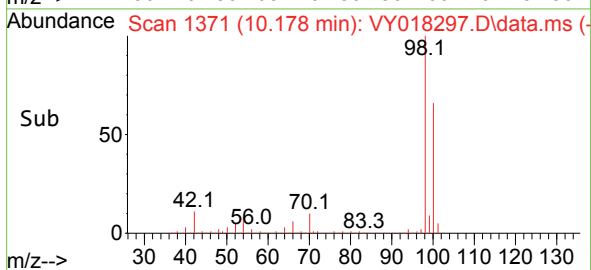
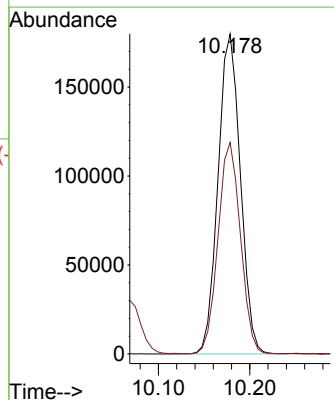
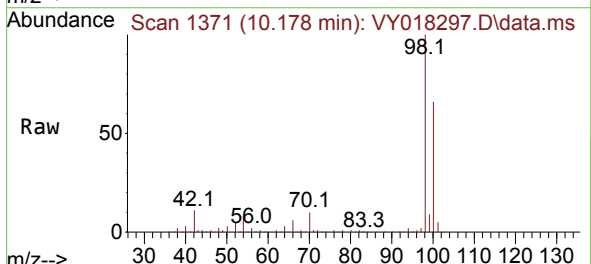
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

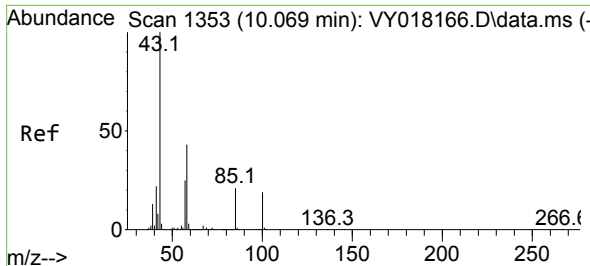
Tgt Ion: 88 Resp: 12058
Ion Ratio Lower Upper
88 100
43 28.4 0.0 0.0#
58 66.1 49.3 73.9



#50
Toluene-d8
Concen: 50.208 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 98 Resp: 305756
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

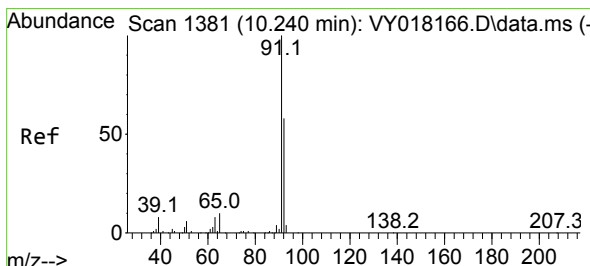
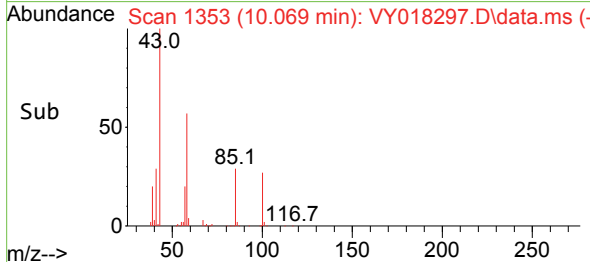
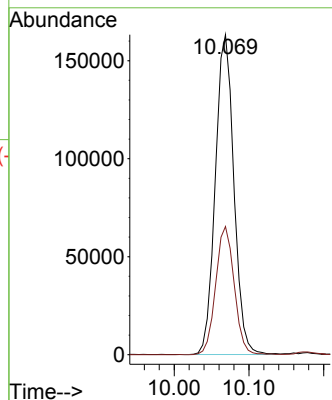
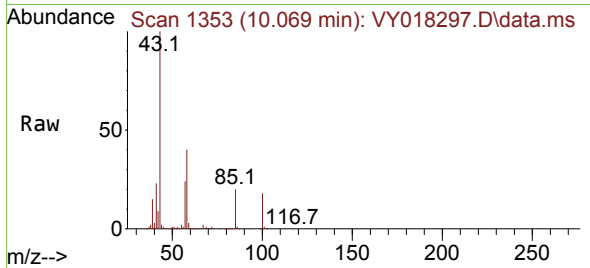




#51
4-Methyl-2-Pentanone
Concen: 293.077 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

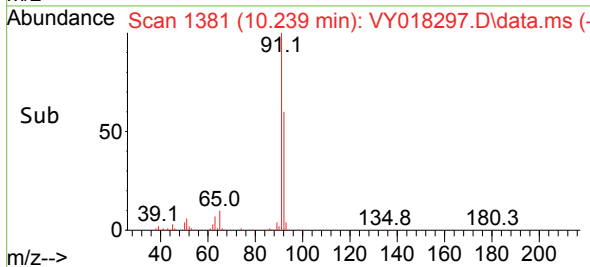
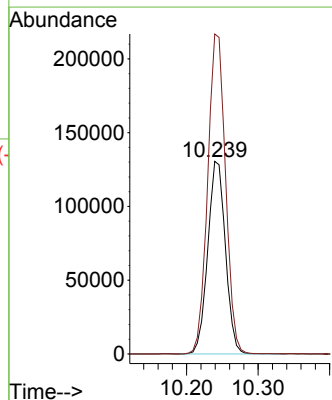
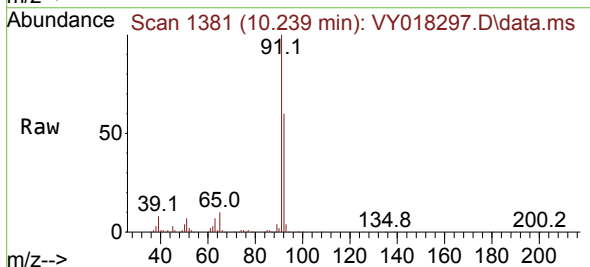
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

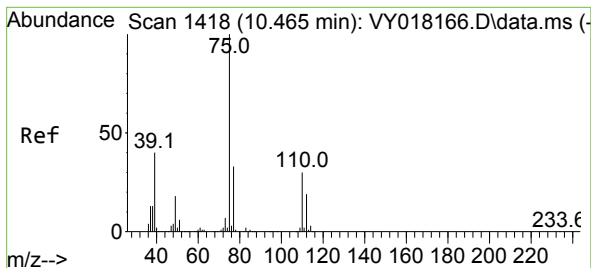
Tgt Ion: 43 Resp: 281536
Ion Ratio Lower Upper
43 100
58 40.1 35.7 53.5



#52
Toluene
Concen: 48.860 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 92 Resp: 224156
Ion Ratio Lower Upper
92 100
91 167.9 139.0 208.6

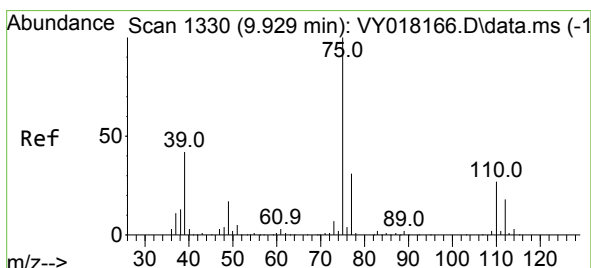
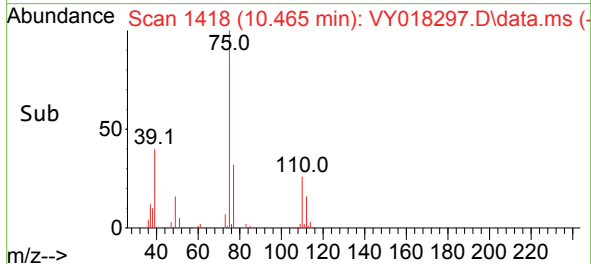
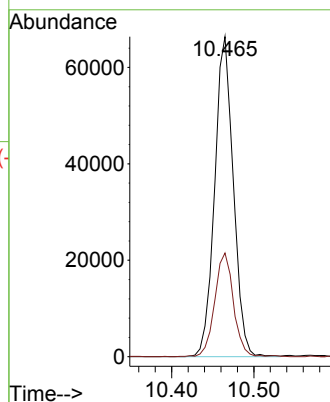
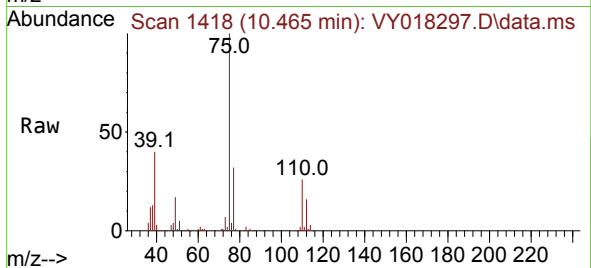




#53
t-1,3-Dichloropropene
Concen: 50.643 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

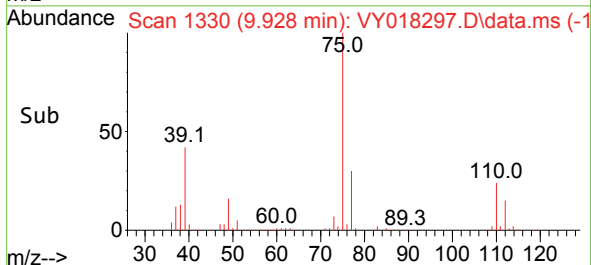
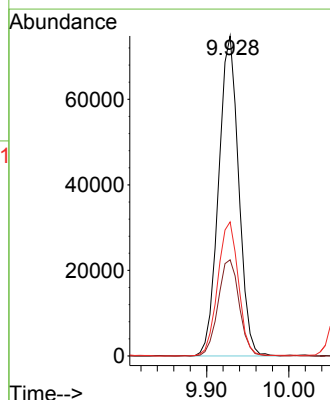
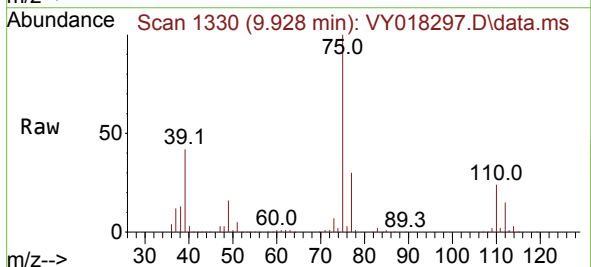
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

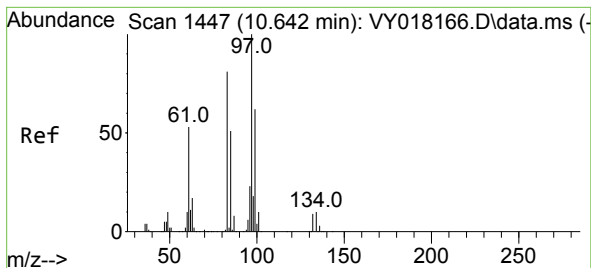
Tgt Ion: 75 Resp: 104739
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 50.182 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 75 Resp: 126864
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0
39 41.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 52.161 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 64177

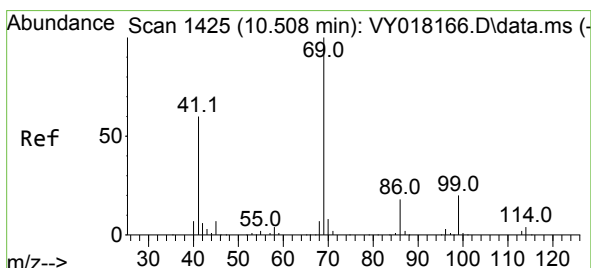
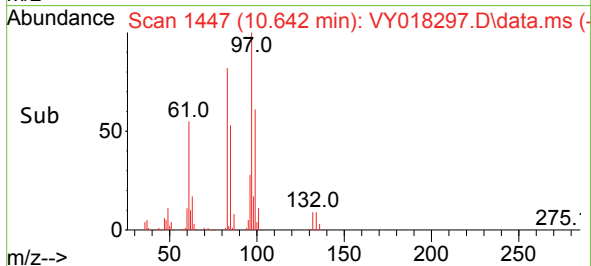
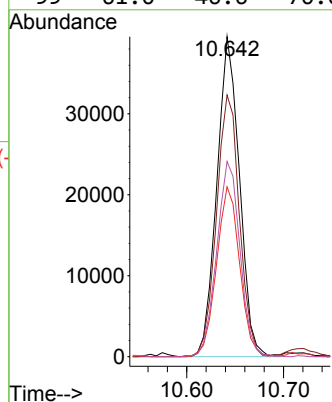
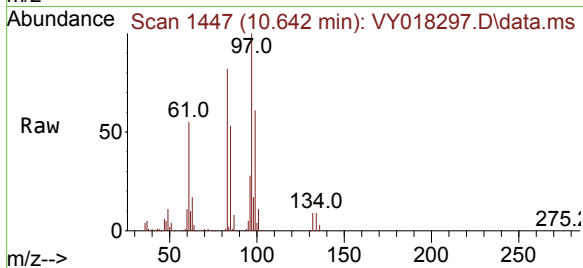
Ion Ratio Lower Upper

97 100

83 81.8 67.5 101.3

85 52.9 42.9 64.3

99 61.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.605 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

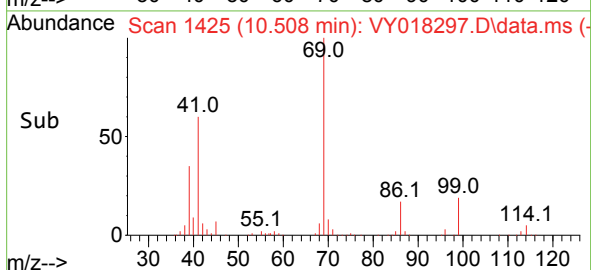
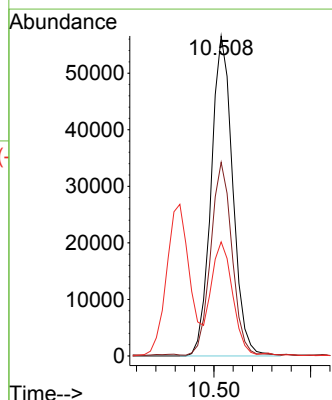
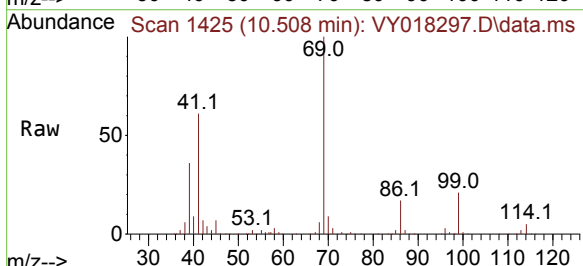
Tgt Ion: 69 Resp: 87903

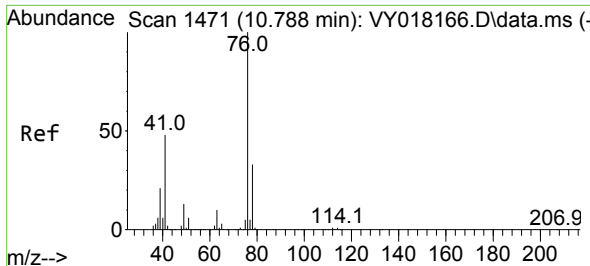
Ion Ratio Lower Upper

69 100

41 59.6 42.3 63.5

39 35.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.519 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

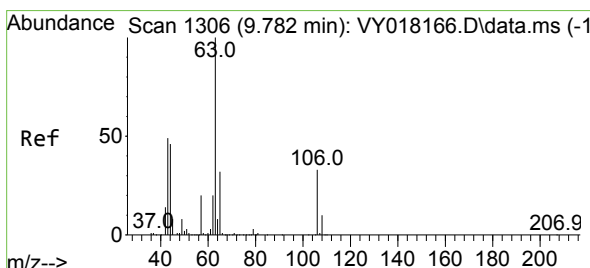
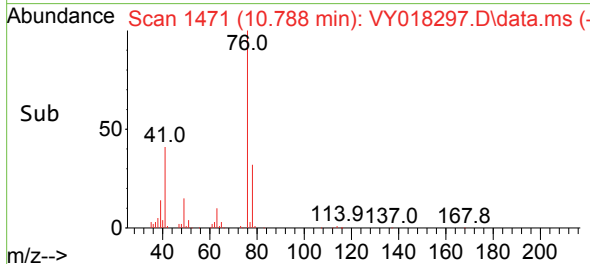
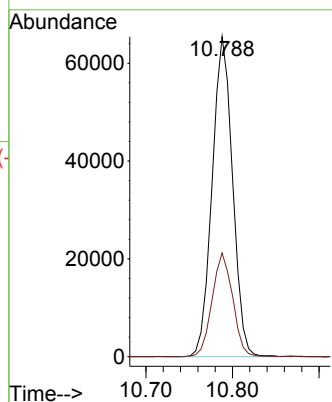
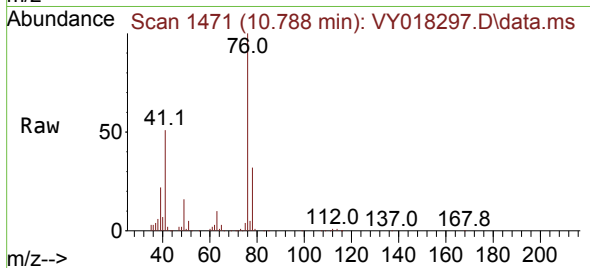
VSTDCCC050EC

Tgt Ion: 76 Resp: 107168

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 275.330 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY018297.D

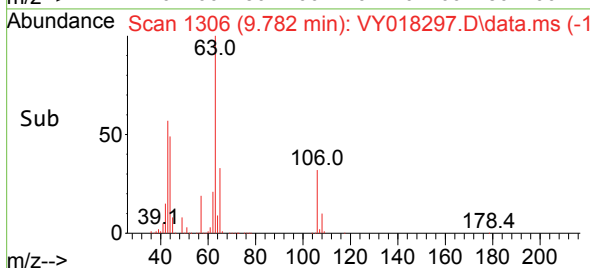
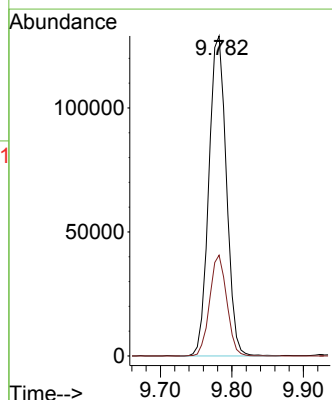
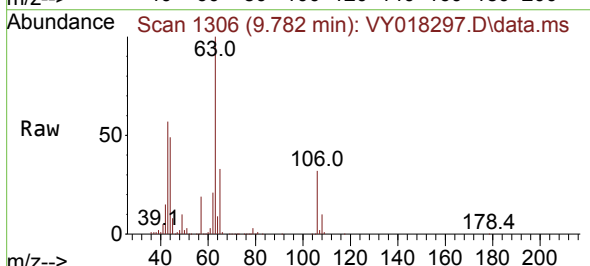
Acq: 16 May 2024 19:56

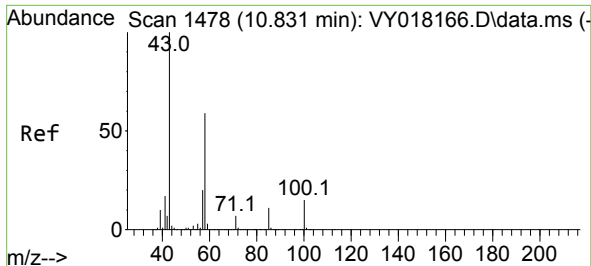
Tgt Ion: 63 Resp: 219689

Ion Ratio Lower Upper

63 100

106 30.7 23.7 35.5

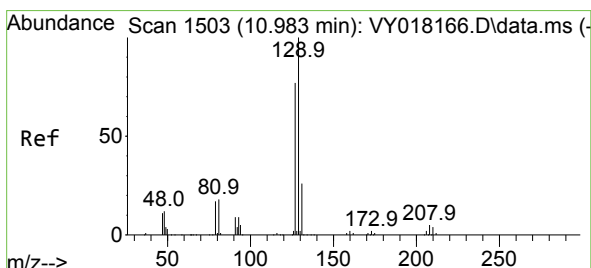
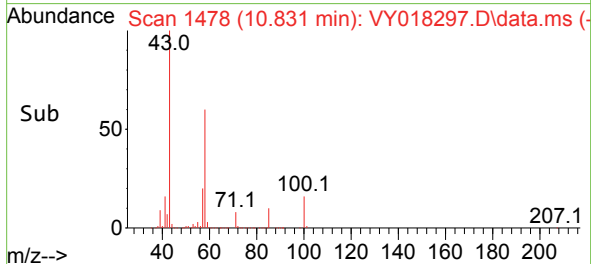
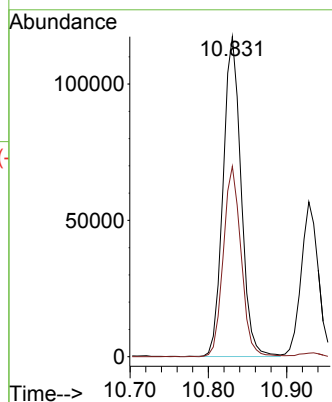
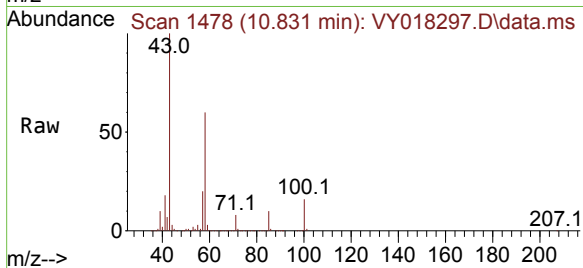




#59
2-Hexanone
Concen: 278.901 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

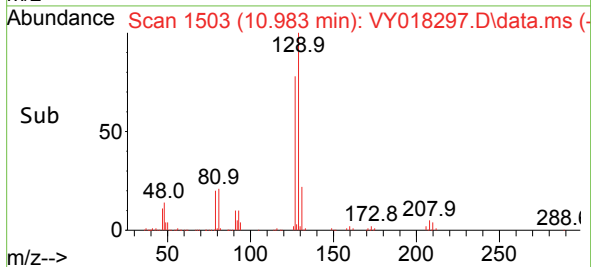
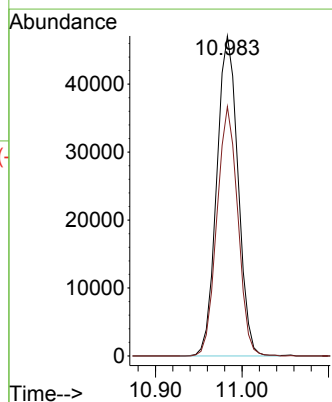
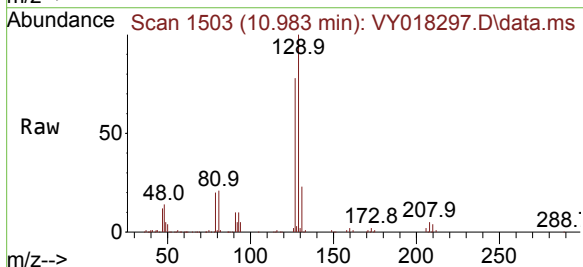
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

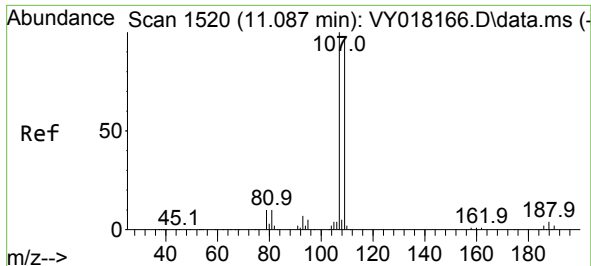
Tgt Ion: 43 Resp: 187330
Ion Ratio Lower Upper
43 100
58 58.8 31.4 94.0



#60
Dibromochloromethane
Concen: 50.318 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 129 Resp: 80322
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

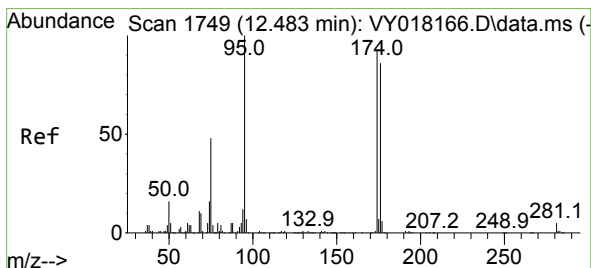
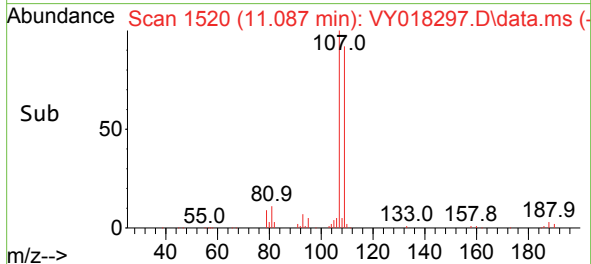
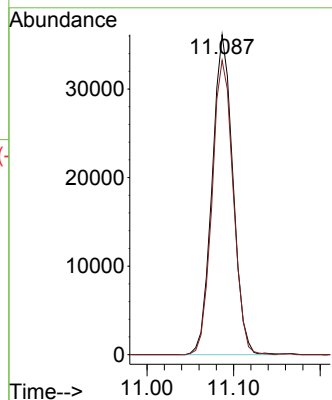
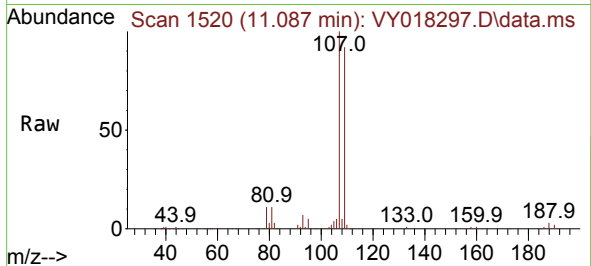




#61
1,2-Dibromoethane
Concen: 51.945 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

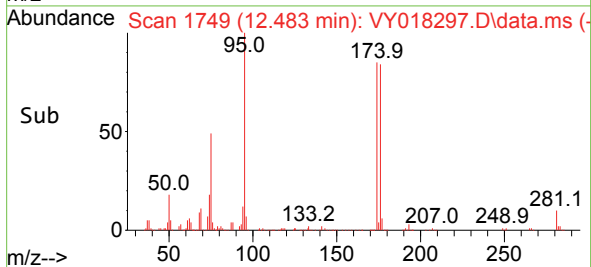
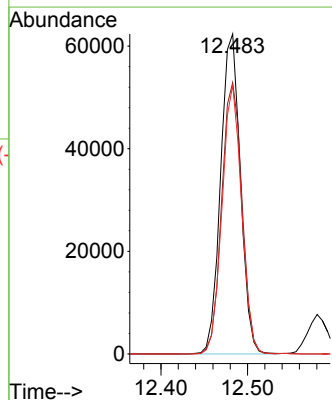
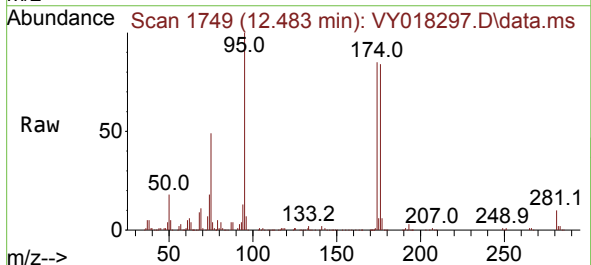
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

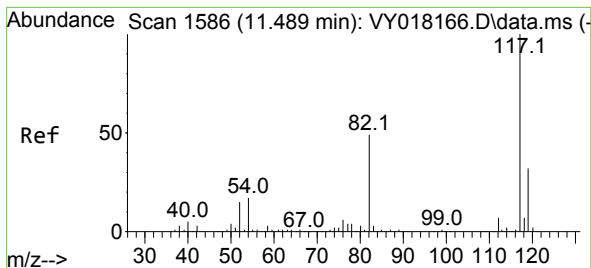
Tgt Ion:107 Resp: 60198
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 95 Resp: 98851
Ion Ratio Lower Upper
95 100
174 87.0 0.0 175.6
176 82.8 0.0 171.4

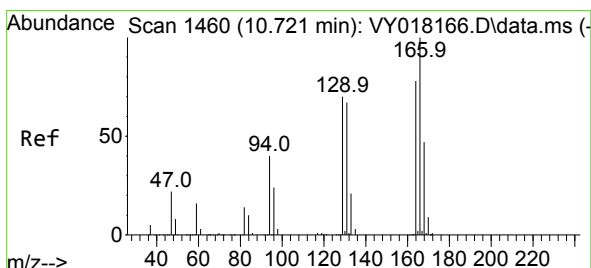
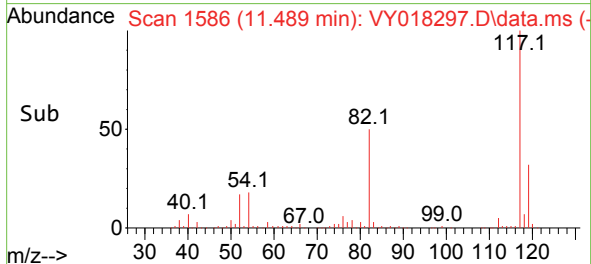
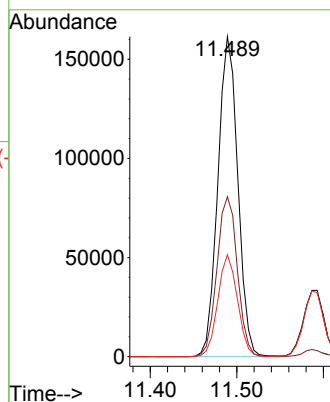
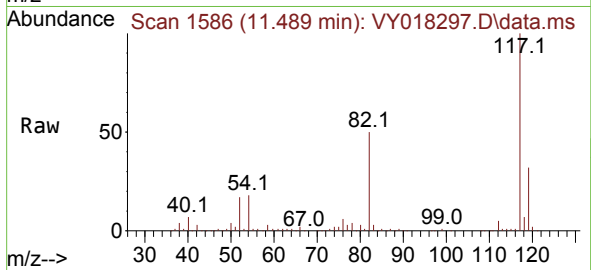




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

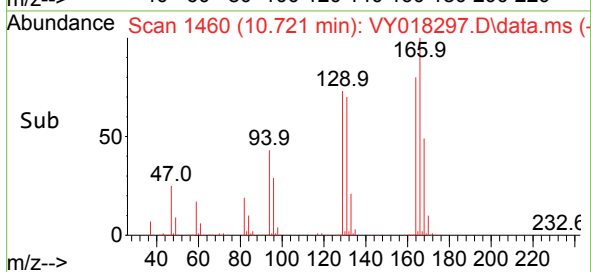
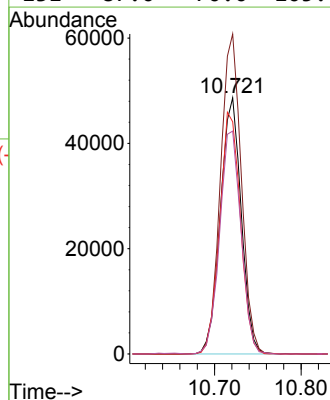
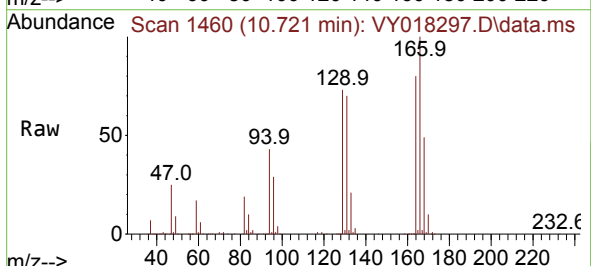
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

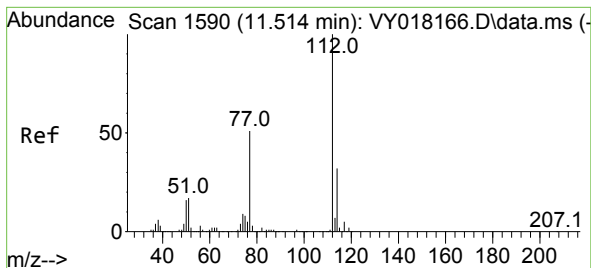
Tgt Ion:117 Resp: 258405
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 47.359 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:164 Resp: 81481
Ion Ratio Lower Upper
164 100
166 124.9 102.6 154.0
129 90.6 72.0 108.0
131 87.0 70.0 105.0

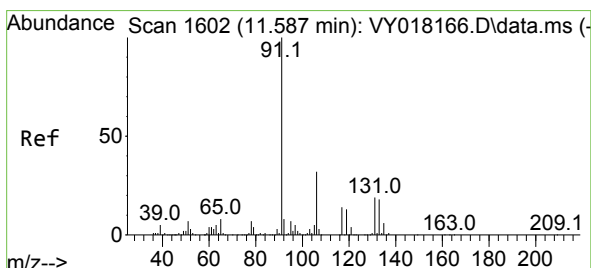
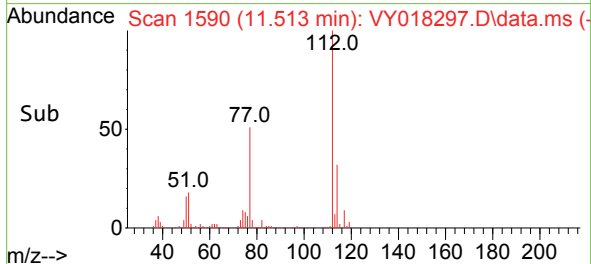
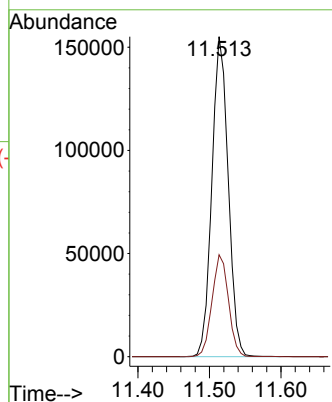
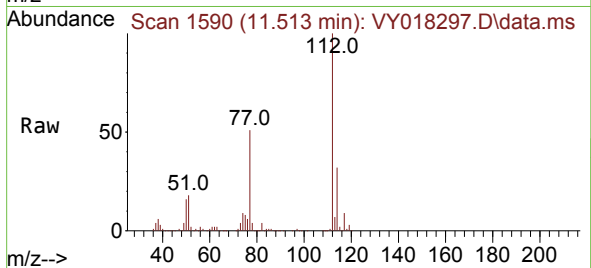




#65
Chlorobenzene
Concen: 46.710 ug/l
RT: 11.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

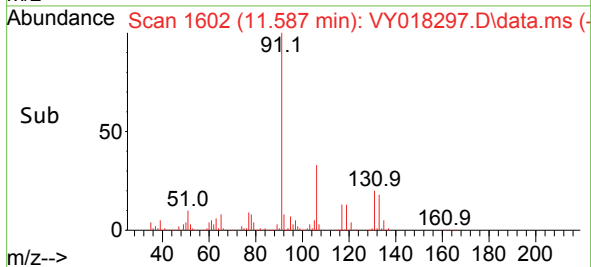
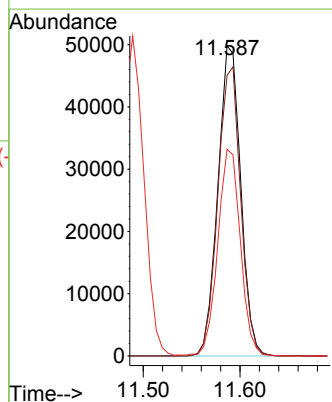
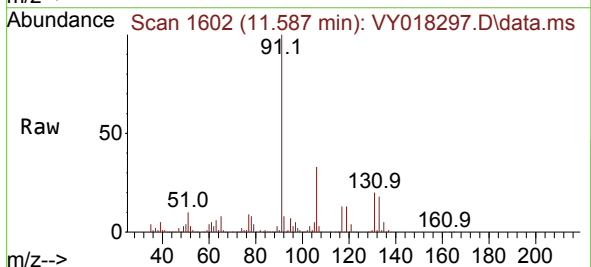
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

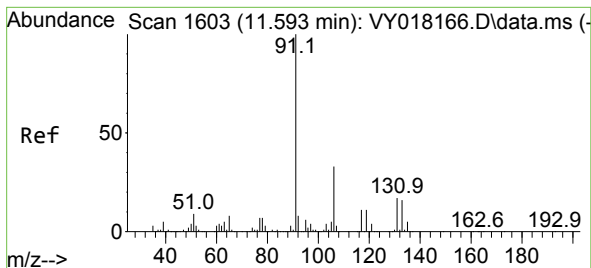
Tgt Ion:112 Resp: 245831
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.901 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:131 Resp: 81545
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.3
119 66.1 34.1 102.2





#67

Ethyl Benzene

Concen: 46.896 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

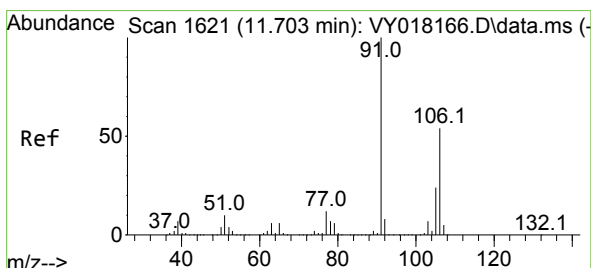
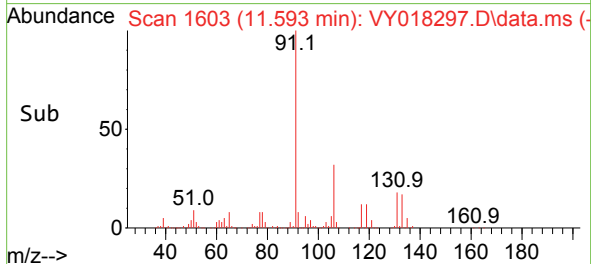
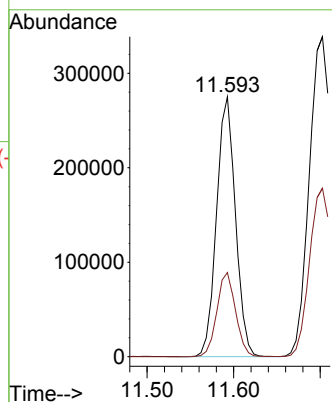
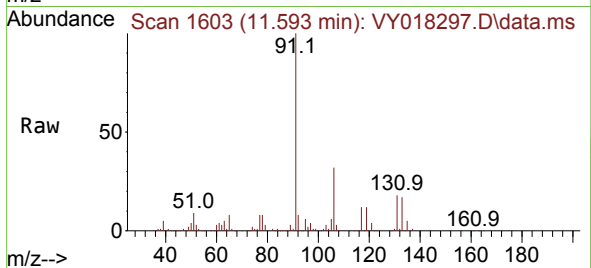
VSTDCCC050EC

Tgt Ion: 91 Resp: 416722

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 93.446 ug/l

RT: 11.702 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018297.D

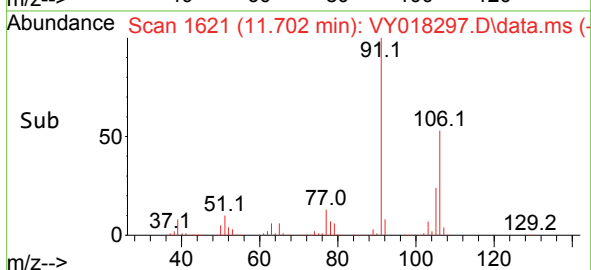
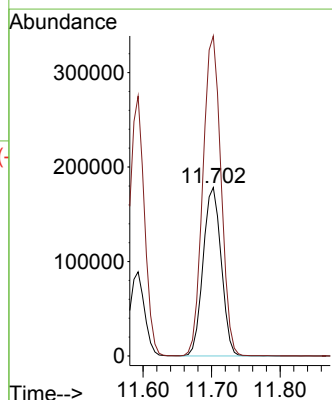
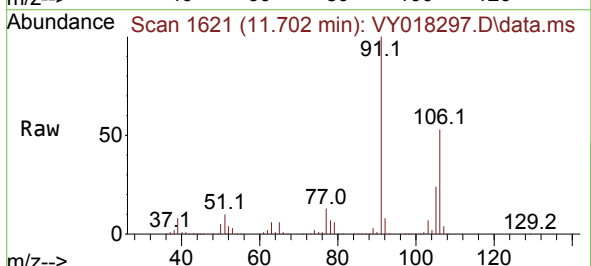
Acq: 16 May 2024 19:56

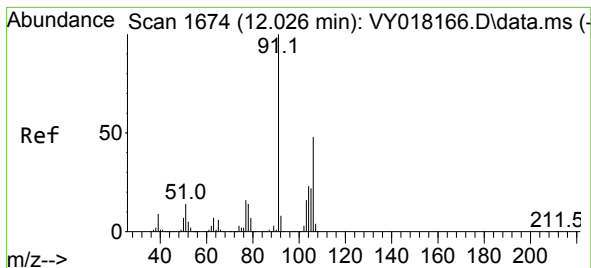
Tgt Ion: 106 Resp: 328371

Ion Ratio Lower Upper

106 100

91 190.0 156.0 234.0





#69

o-Xylene

Concen: 46.098 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

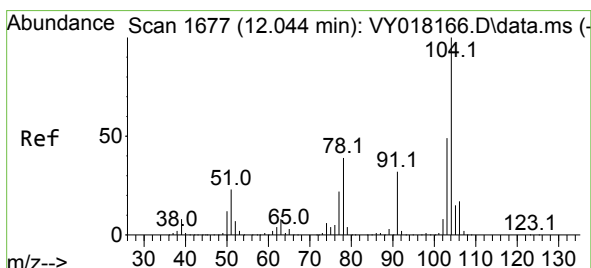
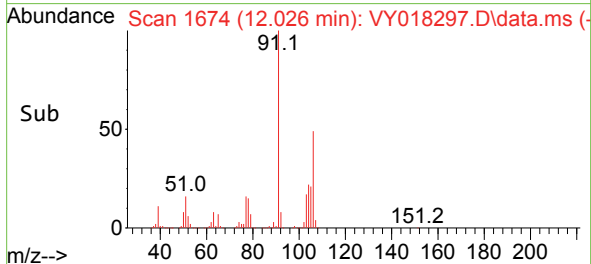
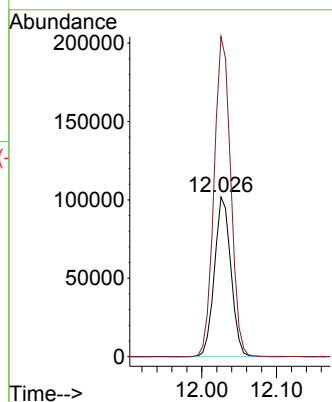
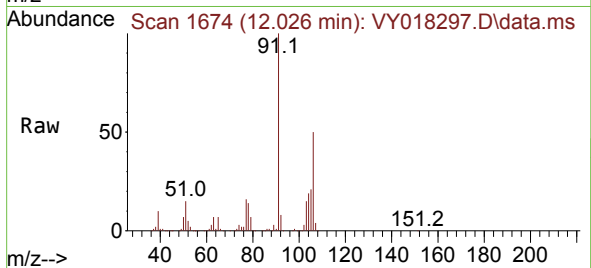
VSTDCCC050EC

Tgt Ion:106 Resp: 155454

Ion Ratio Lower Upper

106 100

91 204.0 103.6 310.8



#70

Styrene

Concen: 47.410 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

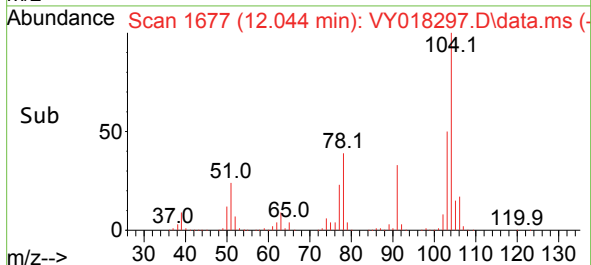
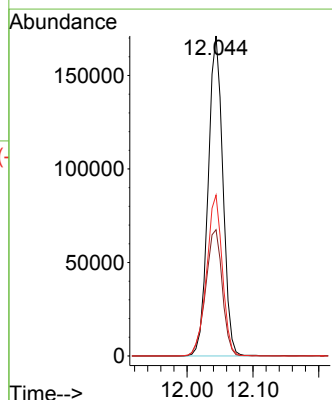
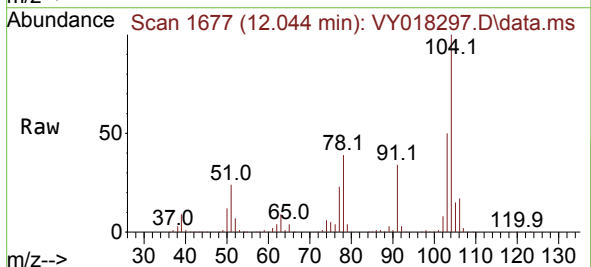
Tgt Ion:104 Resp: 266997

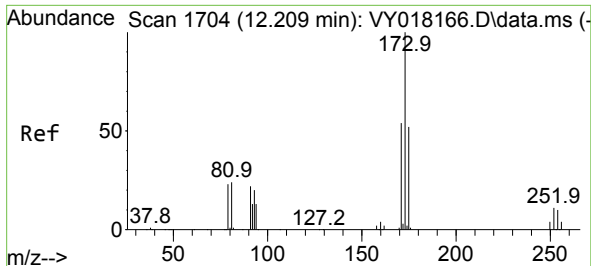
Ion Ratio Lower Upper

104 100

78 44.6 37.0 55.4

103 53.7 44.2 66.2

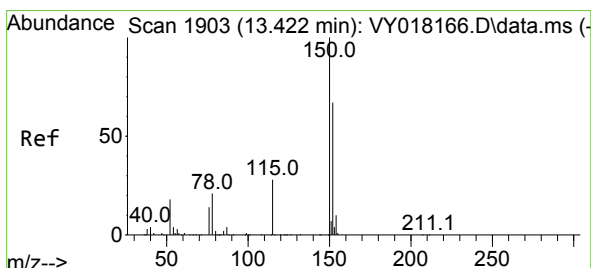
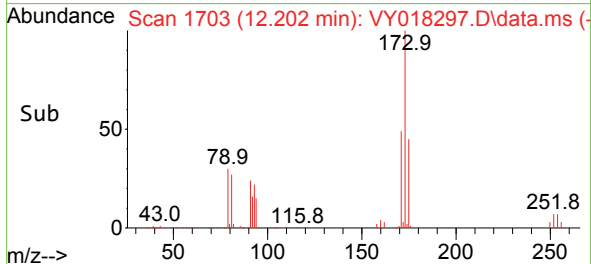
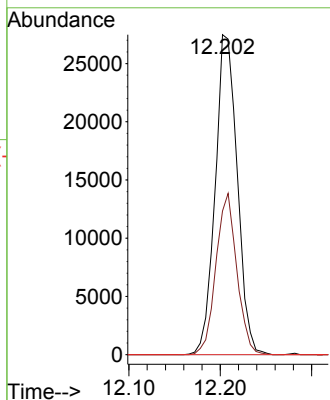
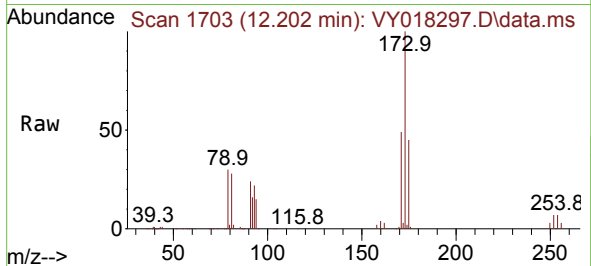




#71
Bromoform
Concen: 49.045 ug/l
RT: 12.202 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

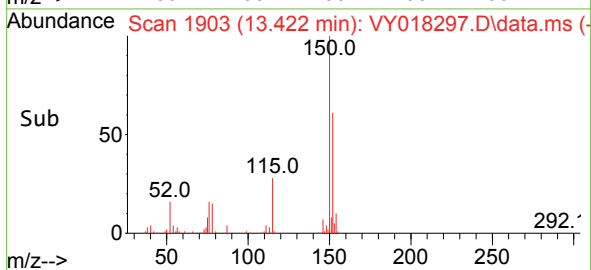
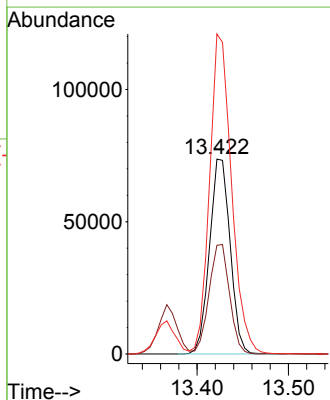
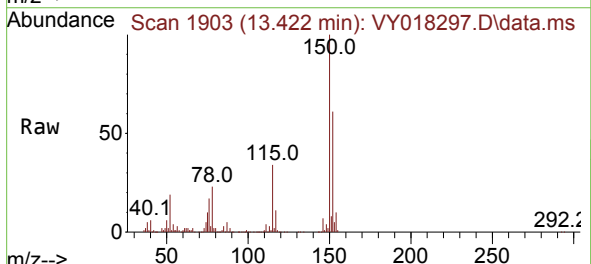
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

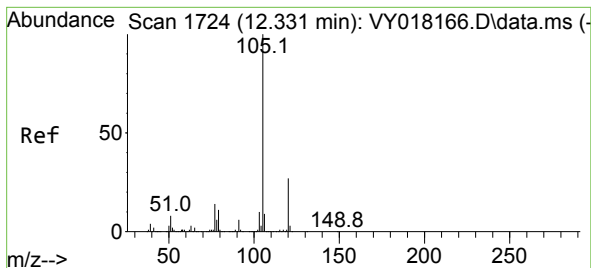
Tgt Ion:173 Resp: 46196
Ion Ratio Lower Upper
173 100
175 47.7 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:152 Resp: 115509
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 174.6 0.0 345.6





#73

Isopropylbenzene

Concen: 45.922 ug/l

RT: 12.330 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

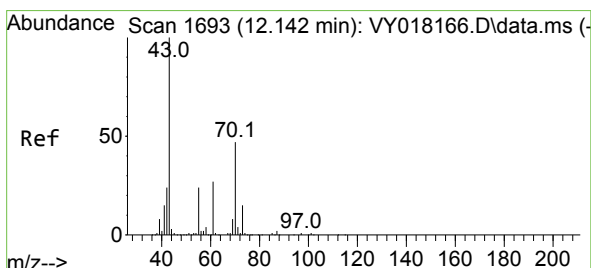
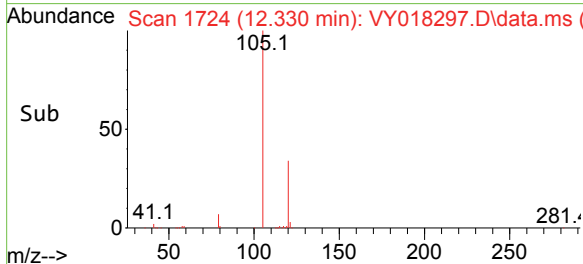
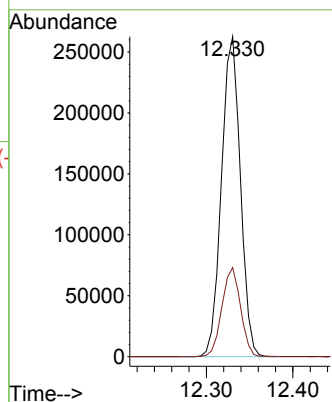
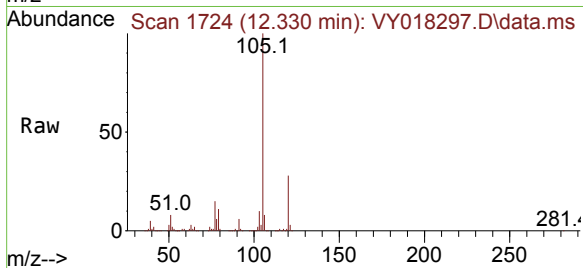
VSTDCCC050EC

Tgt Ion:105 Resp: 397705

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 52.752 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Tgt Ion: 43 Resp: 94836

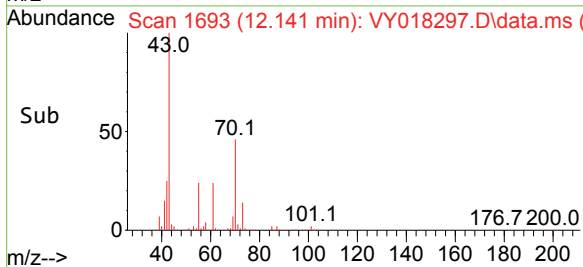
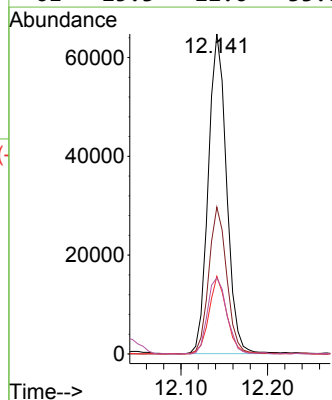
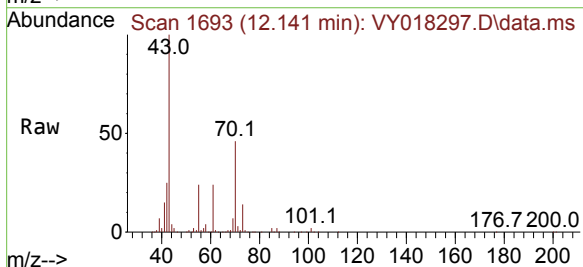
Ion Ratio Lower Upper

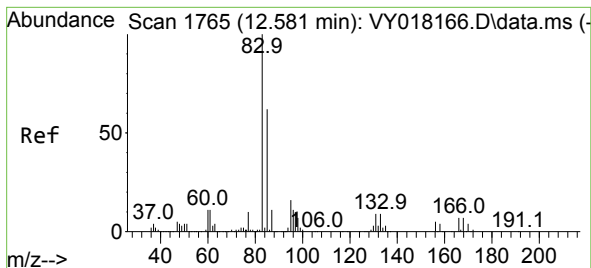
43 100

70 45.6 41.4 62.2

55 23.7 23.3 34.9

61 25.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.149 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

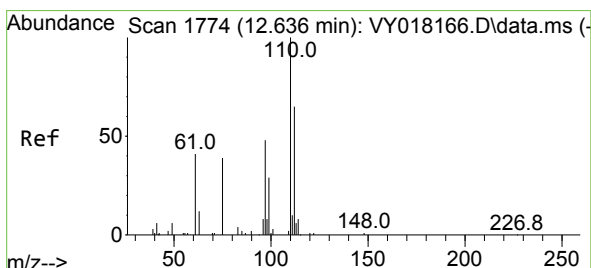
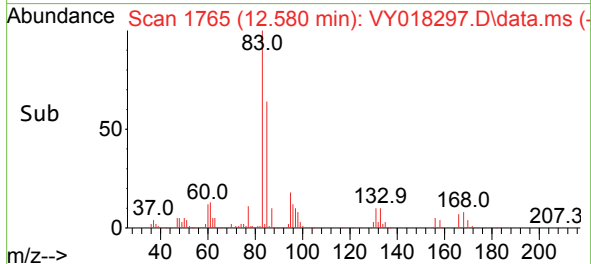
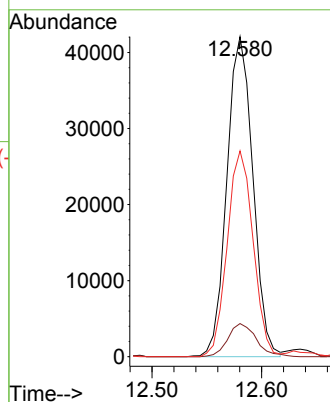
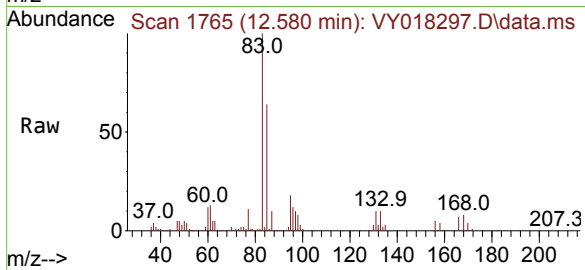
Tgt Ion: 83 Resp: 69282

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 95.065 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018297.D

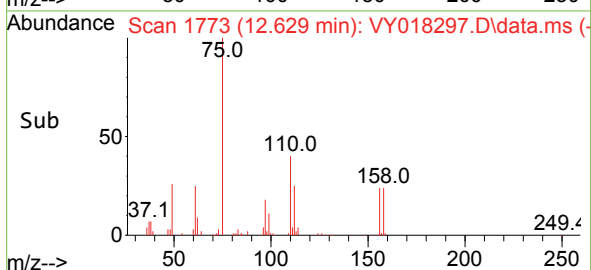
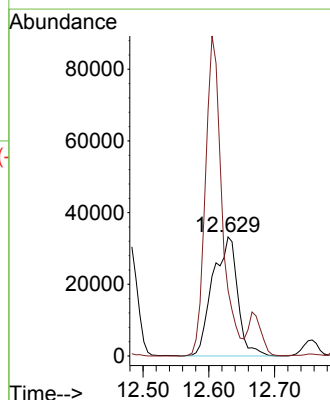
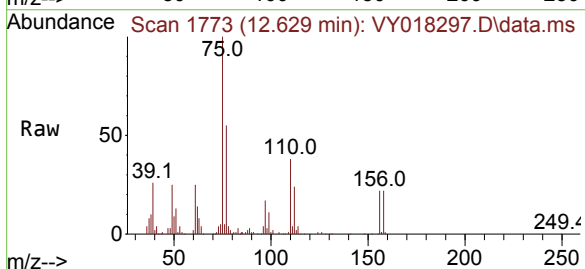
Acq: 16 May 2024 19:56

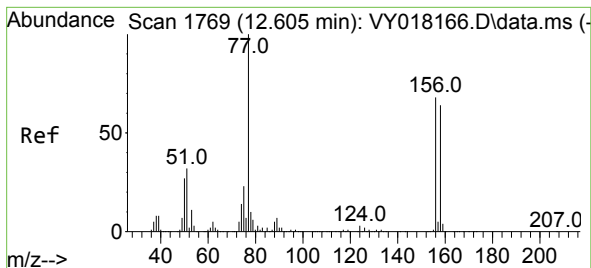
Tgt Ion: 75 Resp: 87895

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.397 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

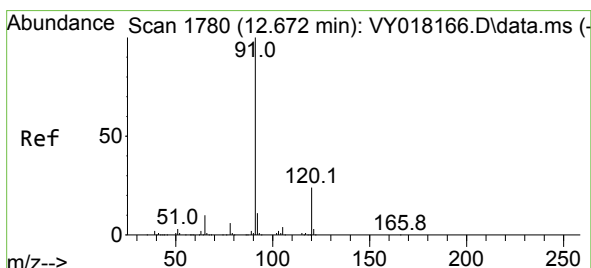
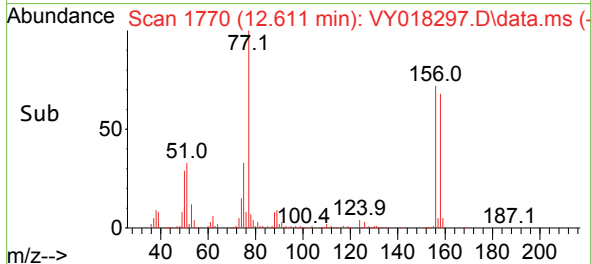
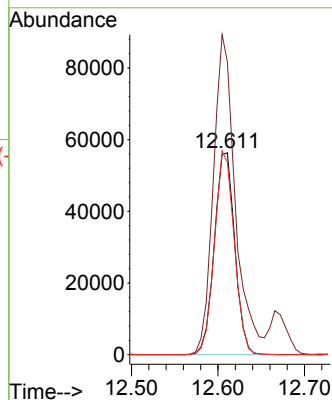
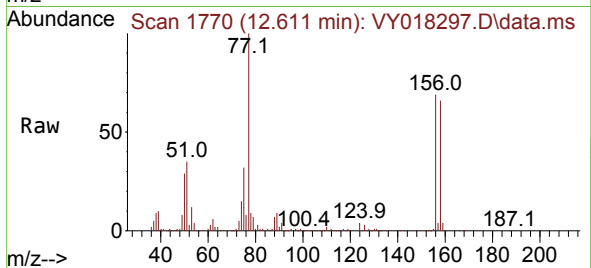
Tgt Ion:156 Resp: 92309

Ion Ratio Lower Upper

156 100

77 171.0 87.1 261.3

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 46.484 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY018297.D

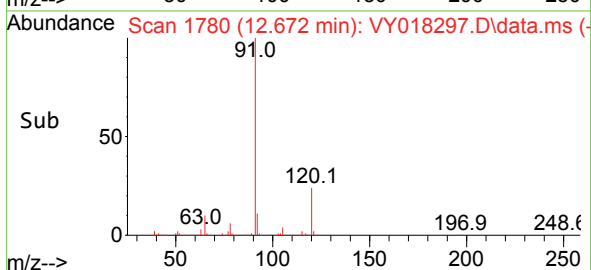
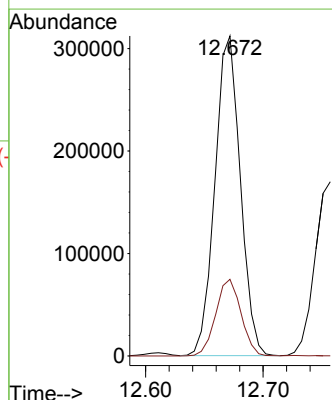
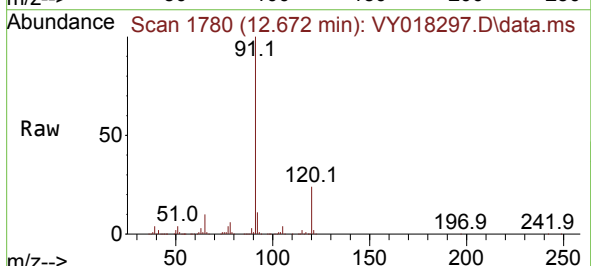
Acq: 16 May 2024 19:56

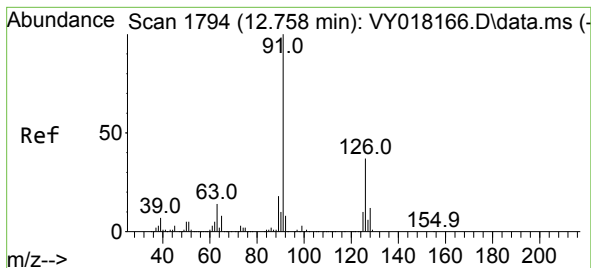
Tgt Ion: 91 Resp: 468250

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

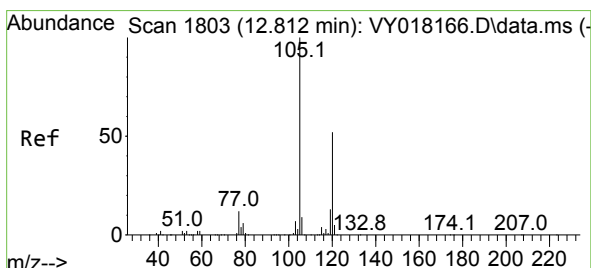
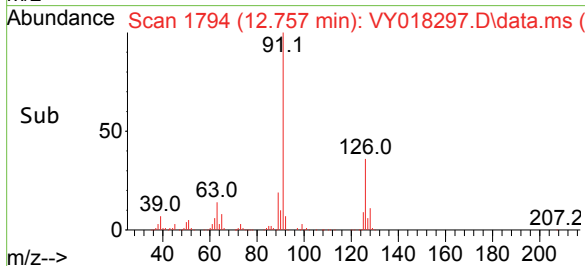
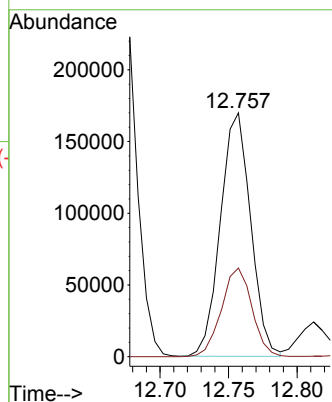
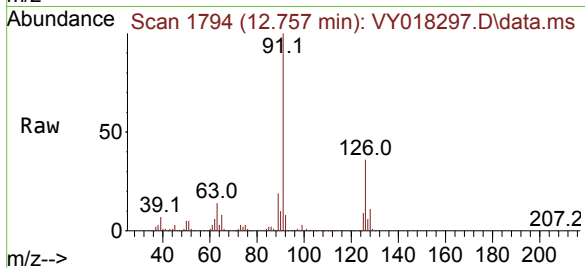




#79
2-Chlorotoluene
Concen: 46.615 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

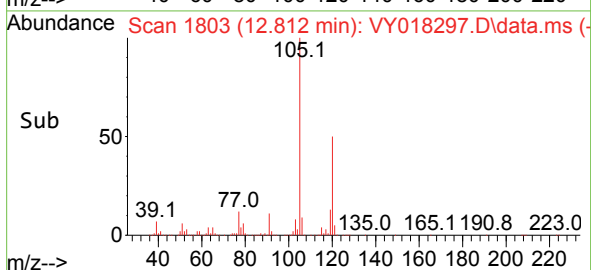
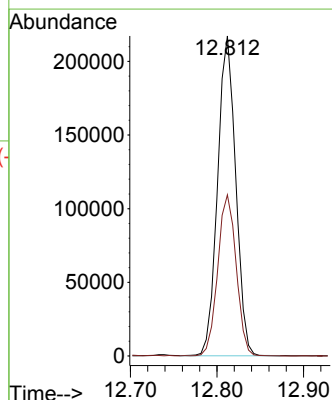
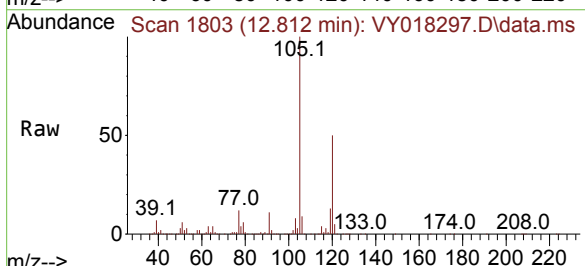
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

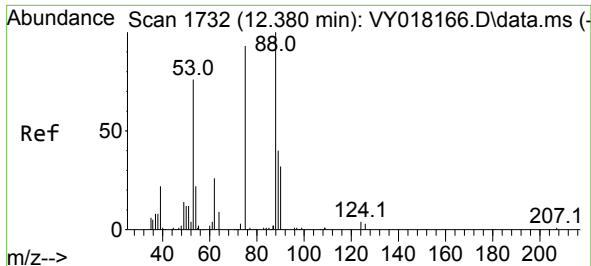
Tgt Ion: 91 Resp: 260934
Ion Ratio Lower Upper
91 100
126 36.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 46.222 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 105 Resp: 315647
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.2

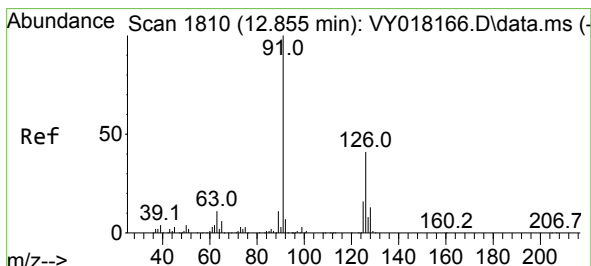
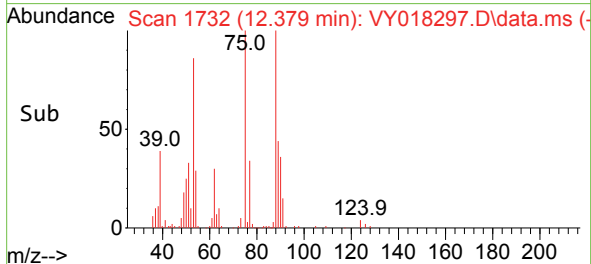
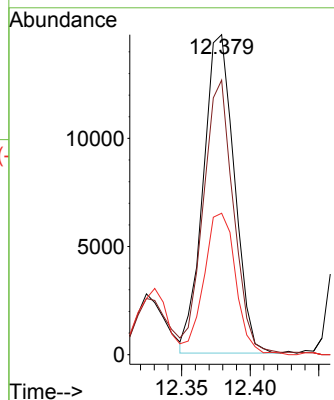
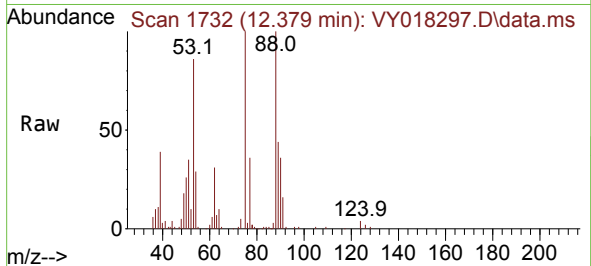




#81
trans-1,4-Dichloro-2-butene
Concen: 48.297 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

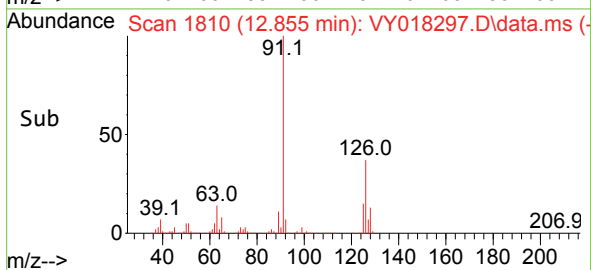
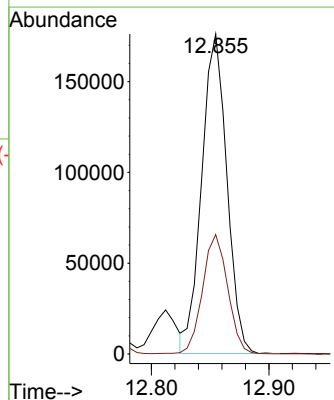
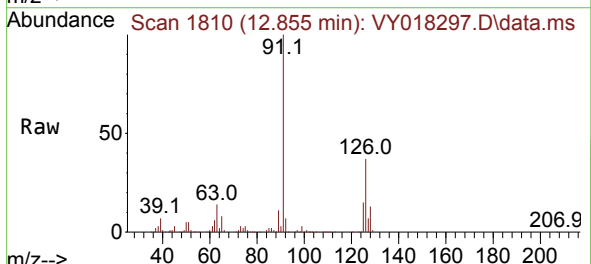
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

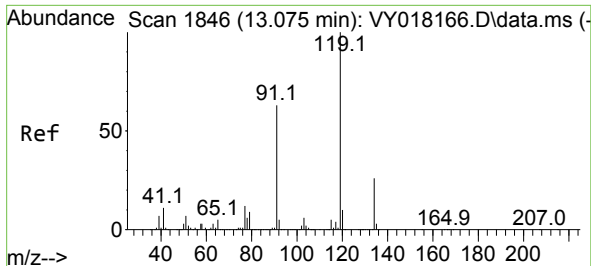
Tgt Ion: 75 Resp: 23177
Ion Ratio Lower Upper
75 100
53 84.9 66.8 100.2
89 45.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 46.512 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion: 91 Resp: 261522
Ion Ratio Lower Upper
91 100
126 37.4 17.6 52.9

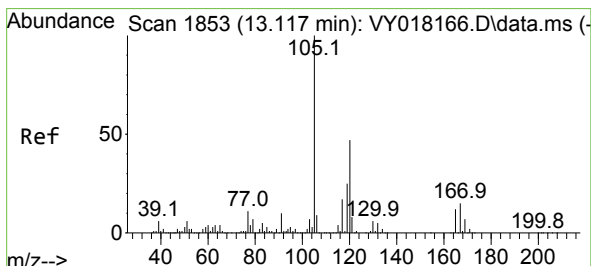
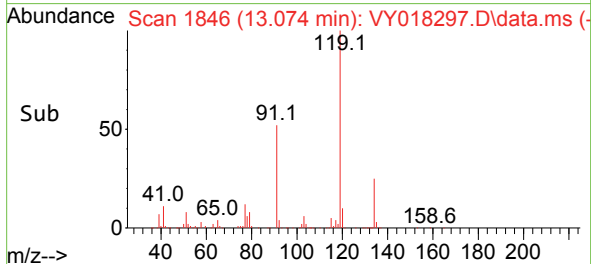
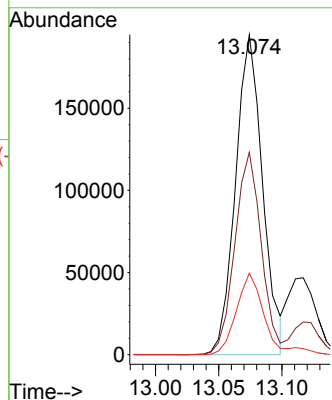
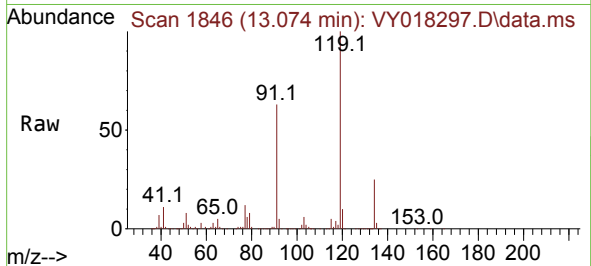




#83
tert-Butylbenzene
Concen: 46.107 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

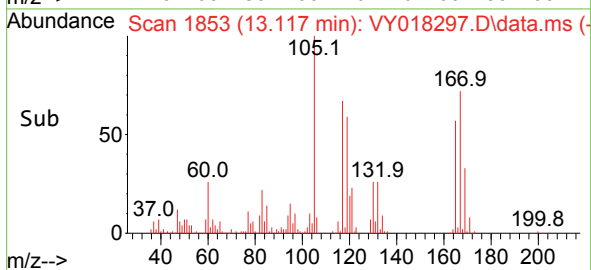
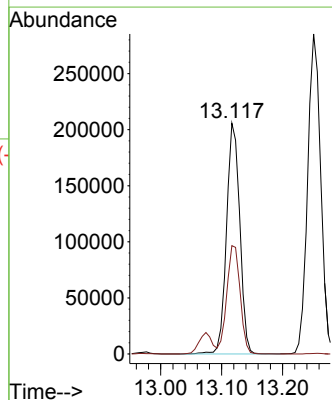
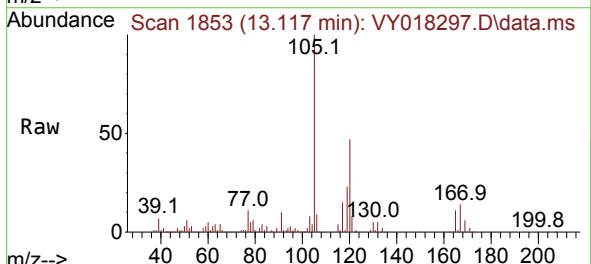
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

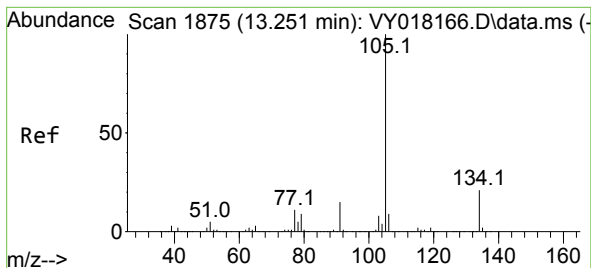
Tgt Ion:119 Resp: 290423
Ion Ratio Lower Upper
119 100
91 61.7 31.3 93.8
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 46.552 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:105 Resp: 311405
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.824 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

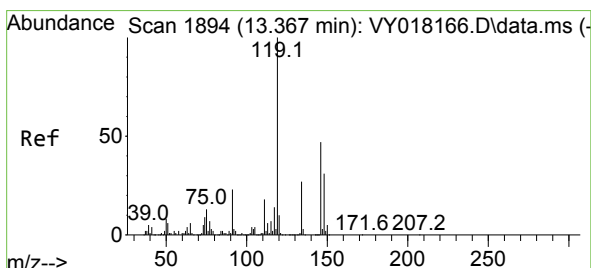
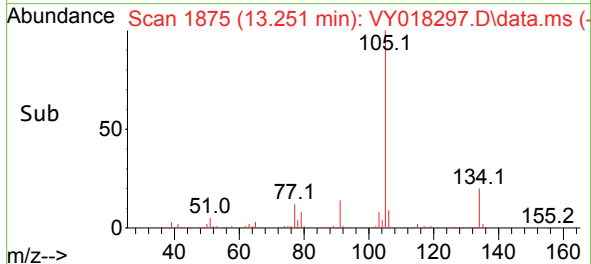
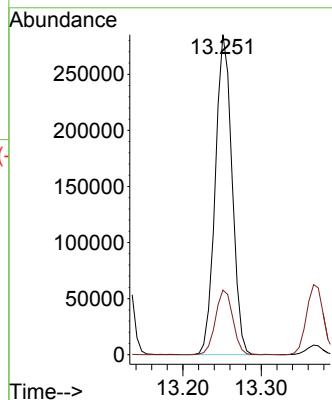
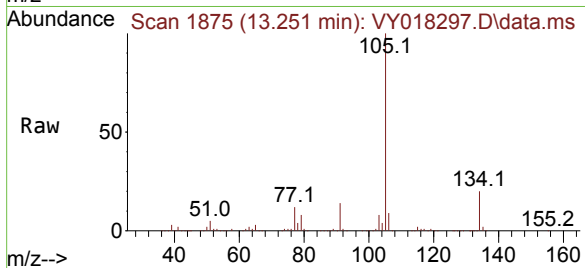
VSTDCCC050EC

Tgt Ion:105 Resp: 423387

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 45.700 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

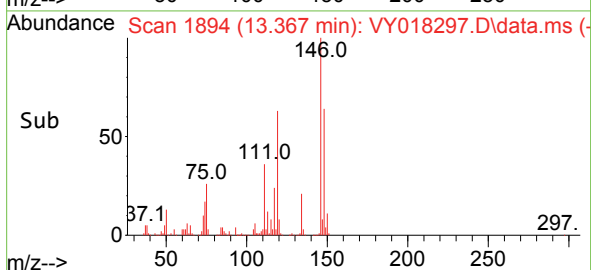
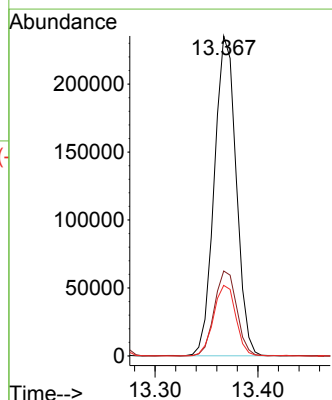
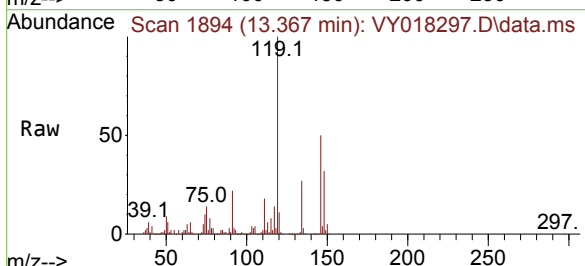
Tgt Ion:119 Resp: 347358

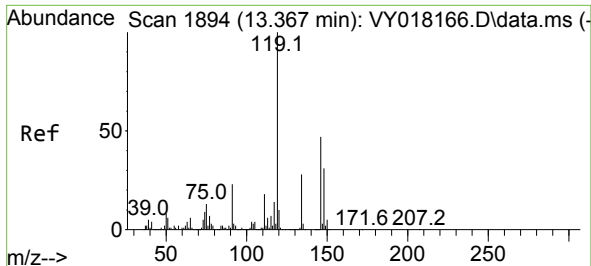
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.940 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

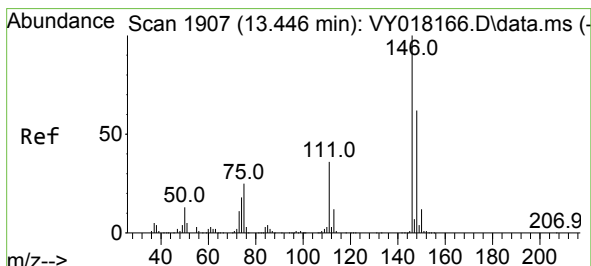
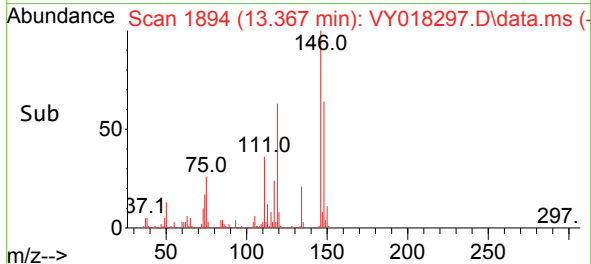
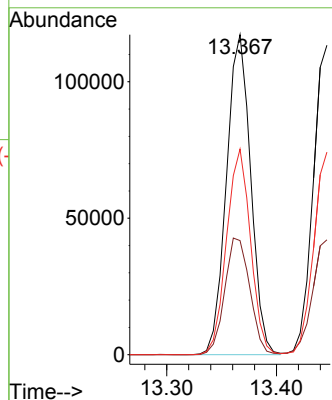
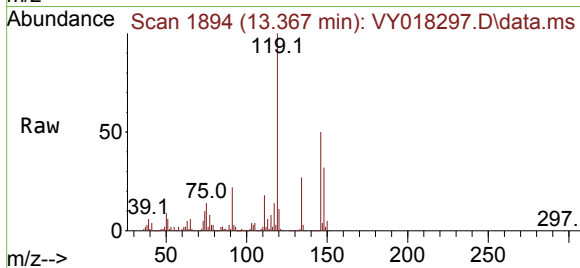
Tgt Ion:146 Resp: 180357

Ion Ratio Lower Upper

146 100

111 37.8 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.310 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

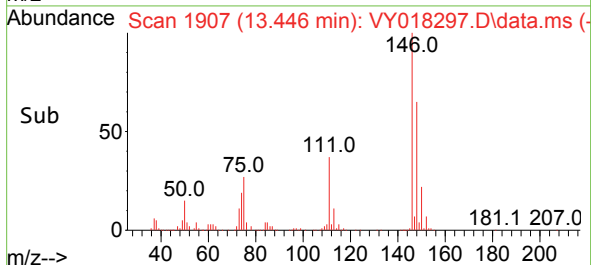
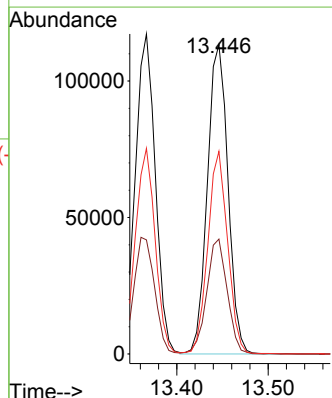
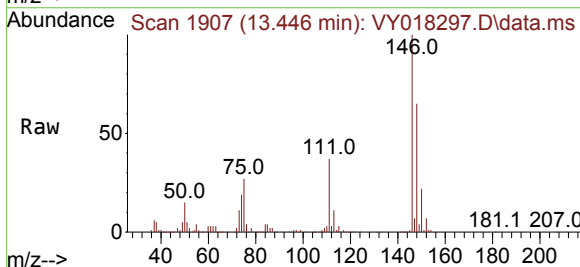
Tgt Ion:146 Resp: 177209

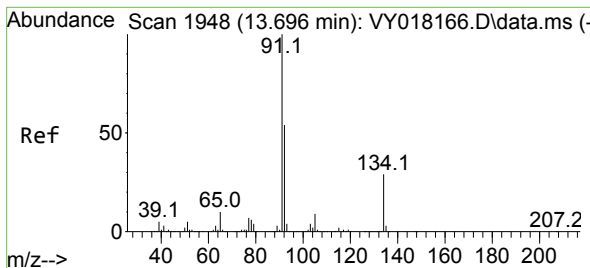
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 45.687 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

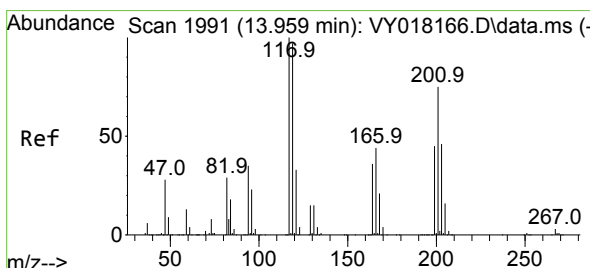
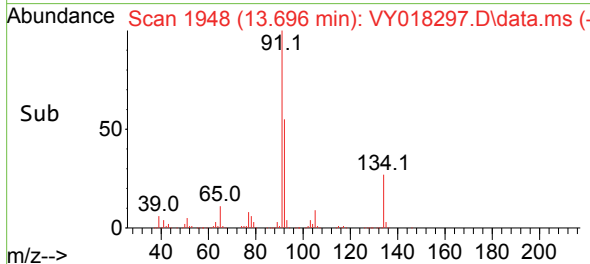
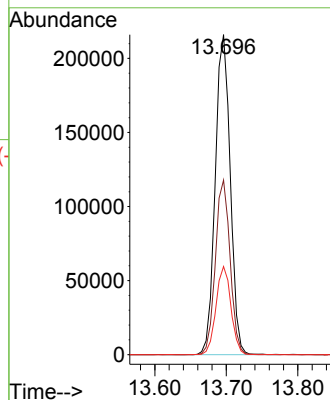
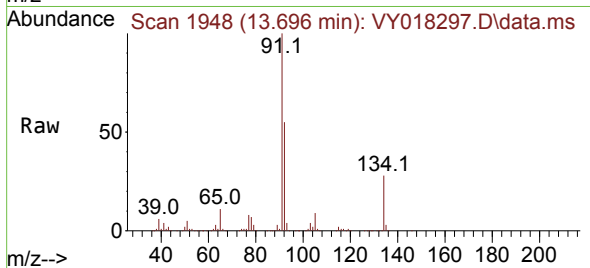
Tgt Ion: 91 Resp: 314280

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 27.5 12.9 38.7



#90

Hexachloroethane

Concen: 44.872 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018297.D

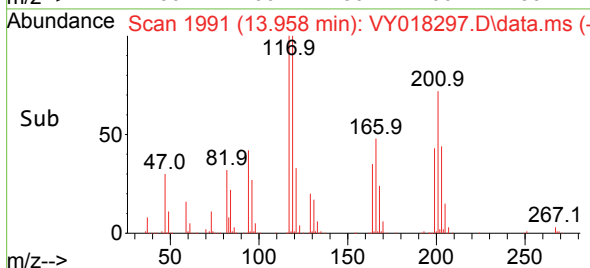
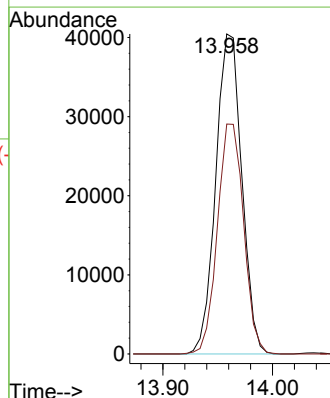
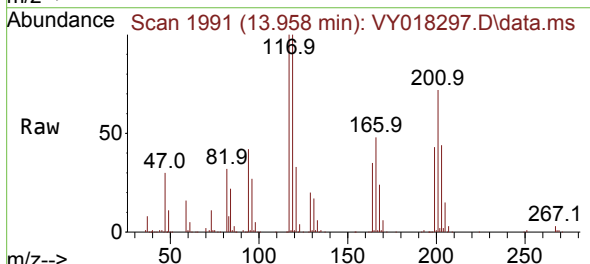
Acq: 16 May 2024 19:56

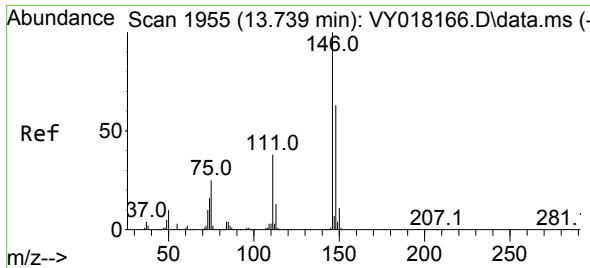
Tgt Ion: 117 Resp: 66912

Ion Ratio Lower Upper

117 100

201 72.1 37.4 112.2

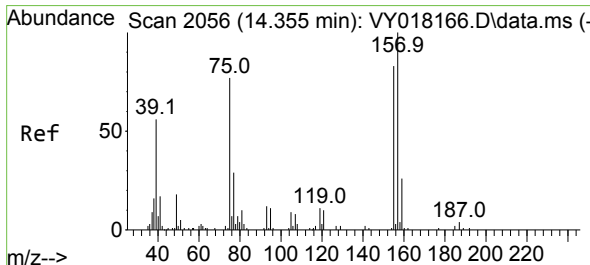
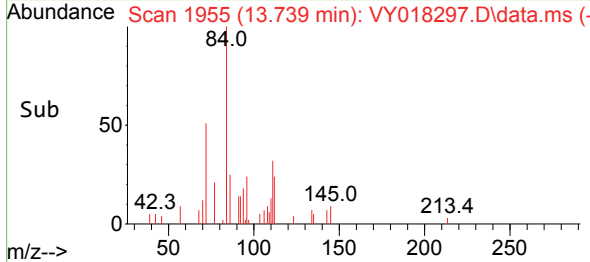
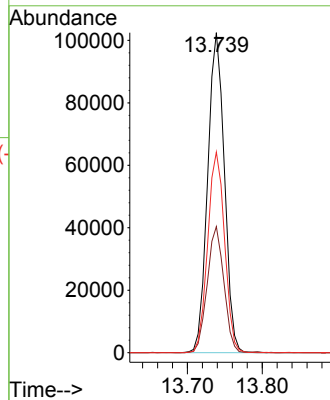
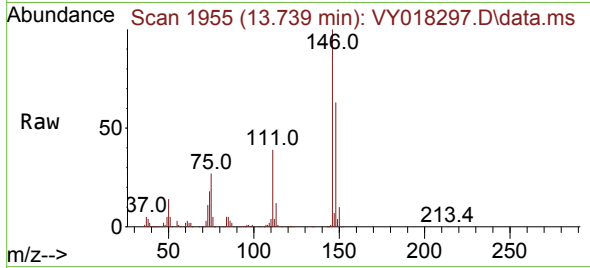




#91
1,2-Dichlorobenzene
Concen: 48.080 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

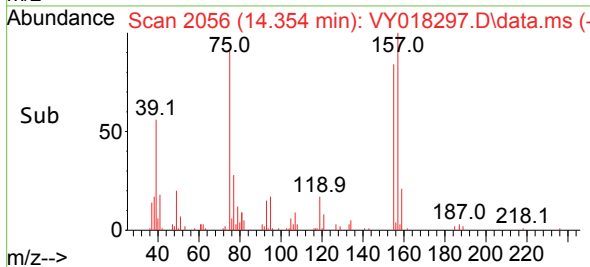
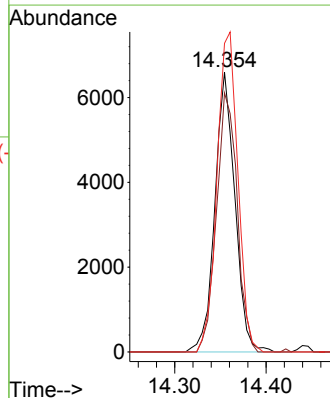
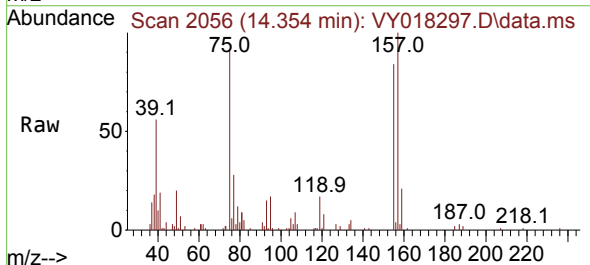
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

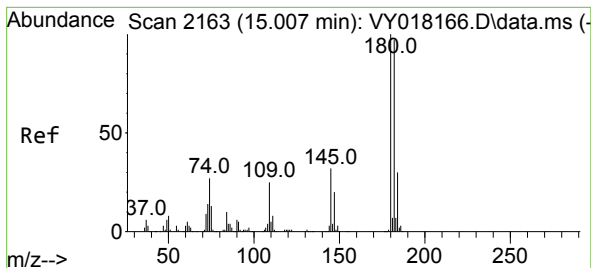
Tgt Ion:	146	Resp:	158785
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.9	59.7
148	63.4	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.484 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY018297.D
Acq: 16 May 2024 19:56

Tgt Ion:	75	Resp:	10061
Ion Ratio	Lower	Upper	
75	100		
155	95.6	48.6	145.8
157	118.7	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.432 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

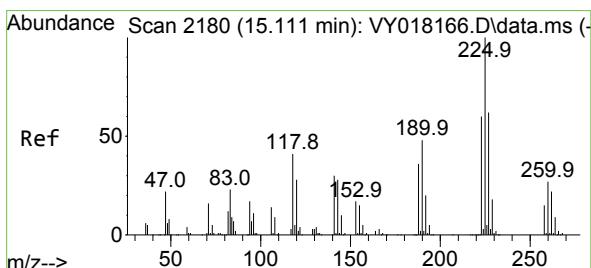
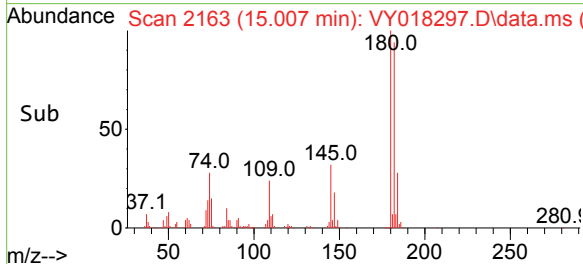
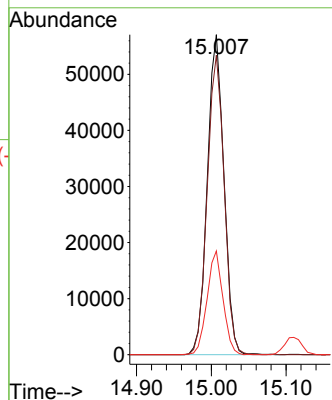
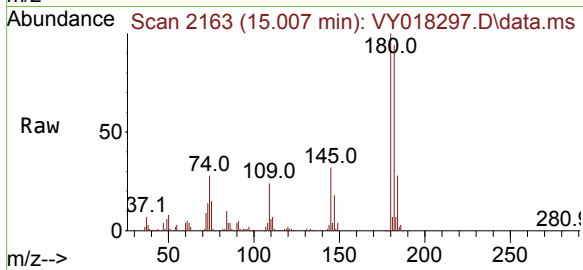
Tgt Ion:180 Resp: 88063

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.668 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

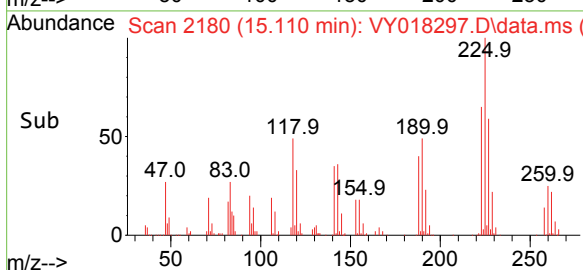
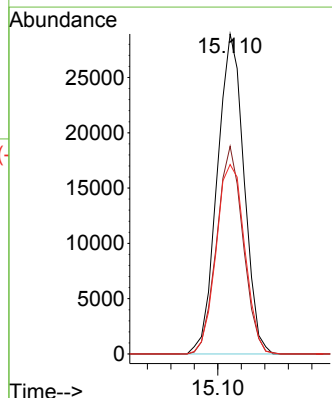
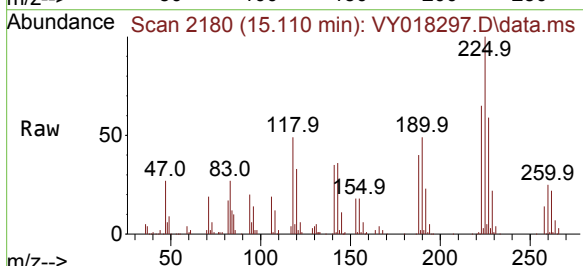
Tgt Ion:225 Resp: 45757

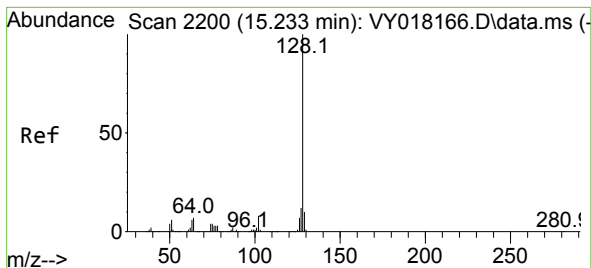
Ion Ratio Lower Upper

225 100

223 63.9 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 53.037 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

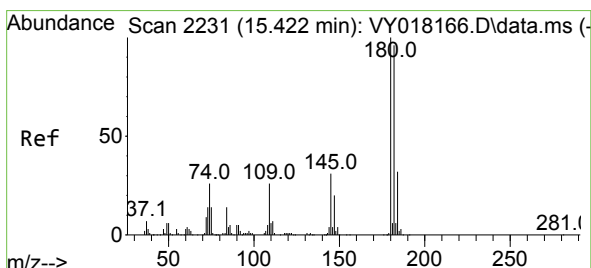
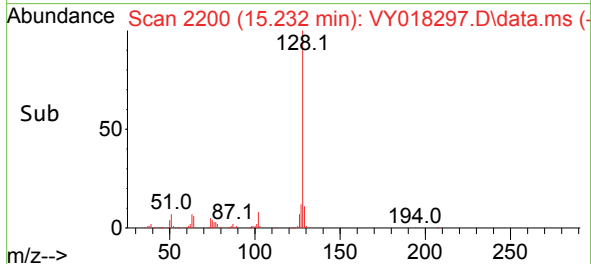
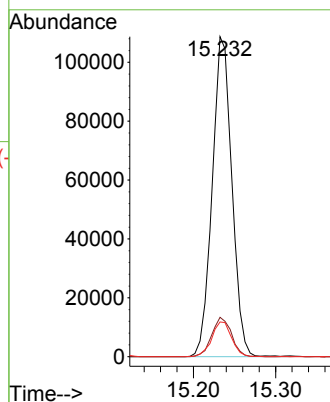
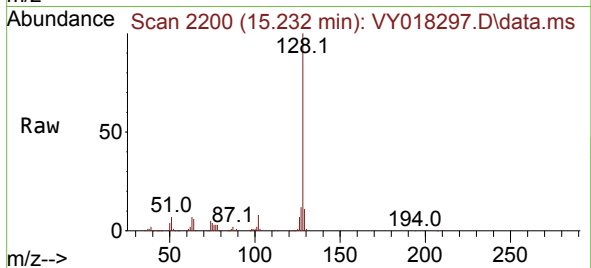
Tgt Ion:128 Resp: 180435

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.620 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018297.D

Acq: 16 May 2024 19:56

Tgt Ion:180 Resp: 74079

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 33.3 15.4 46.1

