

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018322.D
 Acq On : 20 May 2024 09:50
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: May 21 01:19:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	344159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69632	46.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.716	113	81594	45.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.220%
50) Toluene-d8	10.179	98	315451	44.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.520%
62) 4-Bromofluorobenzene	12.483	95	94370	40.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72081	44.950	ug/l	98
3) Chloromethane	2.107	50	102856	47.917	ug/l	99
4) Vinyl Chloride	2.247	62	127537	49.013	ug/l	99
5) Bromomethane	2.644	94	79234	43.845	ug/l	97
6) Chloroethane	2.790	64	80375	48.670	ug/l	100
7) Trichlorofluoromethane	3.119	101	143000	46.917	ug/l	93
8) Diethyl Ether	3.521	74	46949	46.791	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	90837	46.763	ug/l	98
10) Methyl Iodide	4.082	142	101762	44.862	ug/l	99
11) Tert butyl alcohol	4.942	59	31617	241.418	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	90531	46.296	ug/l	98
13) Acrolein	3.723	56	29359	201.079	ug/l	99
14) Allyl chloride	4.466	41	127133	51.105	ug/l	96
15) Acrylonitrile	5.155	53	97109	251.670	ug/l	100
16) Acetone	3.936	43	86337	290.838	ug/l	91
17) Carbon Disulfide	4.186	76	243191	45.682	ug/l	97
18) Methyl Acetate	4.466	43	41806	49.438	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	213112	48.924	ug/l	99
20) Methylene Chloride	4.710	84	98234	46.818	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	96777	46.688	ug/l	98
22) Diisopropyl ether	6.112	45	245421	46.506	ug/l	96
23) Vinyl Acetate	6.051	43	763241	237.958	ug/l	99
24) 1,1-Dichloroethane	6.009	63	162244	49.917	ug/l	98
25) 2-Butanone	6.978	43	118756	250.264	ug/l	94
26) 2,2-Dichloropropane	6.978	77	138156	46.964	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	111545	45.535	ug/l	99
28) Bromochloromethane	7.332	49	55398	42.643	ug/l	100
29) Tetrahydrofuran	7.344	42	71052	226.838	ug/l	94
30) Chloroform	7.496	83	158939	46.841	ug/l	98
31) Cyclohexane	7.783	56	135228	46.583	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	143774	47.274	ug/l	99
36) 1,1-Dichloropropene	7.911	75	115990	44.733	ug/l	99
37) Ethyl Acetate	7.063	43	49270	45.147	ug/l	97
38) Carbon Tetrachloride	7.899	117	127644	45.053	ug/l	96
39) Methylcyclohexane	9.185	83	163567	43.726	ug/l	99
40) Benzene	8.155	78	368640	44.199	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	26472	42.006	ug/l	97
42) 1,2-Dichloroethane	8.234	62	83032	45.755	ug/l	97
43) Isopropyl Acetate	8.271	43	99590	44.520	ug/l	95
44) Trichloroethene	8.941	130	99166	43.676	ug/l	95
45) 1,2-Dichloropropane	9.209	63	81758	44.838	ug/l	94
46) Dibromomethane	9.307	93	47162	44.991	ug/l	98
47) Bromodichloromethane	9.496	83	115519	44.577	ug/l	100
48) Methyl methacrylate	9.289	41	46021	44.889	ug/l	92
49) 1,4-Dioxane	9.295	88	11181	803.562	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	253636	225.593	ug/l	94
52) Toluene	10.246	92	233555	43.498	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	109292	45.151	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	133413	45.089	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	62659	43.513	ug/l	95
56) Ethyl methacrylate	10.508	69	83387	42.637	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	101894	43.477	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	195582	209.432	ug/l	97
59) 2-Hexanone	10.831	43	184566	234.780	ug/l	93
60) Dibromochloromethane	10.983	129	81949	43.863	ug/l	100
61) 1,2-Dibromoethane	11.087	107	58553	43.170	ug/l	98
64) Tetrachloroethene	10.721	164	87485	46.010	ug/l	99
65) Chlorobenzene	11.514	112	256835	44.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	84650	44.993	ug/l	98
67) Ethyl Benzene	11.593	91	439095	44.712	ug/l	97
68) m/p-Xylenes	11.703	106	346419	89.201	ug/l	98
69) o-Xylene	12.032	106	164376	44.105	ug/l	96
70) Styrene	12.044	104	275329	44.237	ug/l	97
71) Bromoform	12.209	173	45182	43.404	ug/l #	97
73) Isopropylbenzene	12.331	105	427971	45.596	ug/l	98
74) N-amyl acetate	12.142	43	86232	44.257	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	65848	43.978	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	83355	83.184	ug/l #	100
77) Bromobenzene	12.611	156	96483	44.745	ug/l	94
78) n-propylbenzene	12.672	91	497362	45.557	ug/l	97
79) 2-Chlorotoluene	12.758	91	267958	44.168	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	332900	44.979	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	22651	43.551	ug/l	98
82) 4-Chlorotoluene	12.855	91	271992	44.633	ug/l	97
83) tert-Butylbenzene	13.075	119	310168	45.434	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	325961	44.960	ug/l	98
85) sec-Butylbenzene	13.251	105	456613	45.598	ug/l	99
86) p-Isopropyltoluene	13.367	119	372109	45.171	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	184917	44.406	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	181883	44.803	ug/l	99
89) n-Butylbenzene	13.696	91	338642	45.423	ug/l	99
90) Hexachloroethane	13.959	117	71037	43.955	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	157632	44.041	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8665	42.501	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	87017	43.245	ug/l	98
94) Hexachlorobutadiene	15.111	225	46759	42.117	ug/l	96
95) Naphthalene	15.233	128	154928	42.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	70860	42.911	ug/l	99

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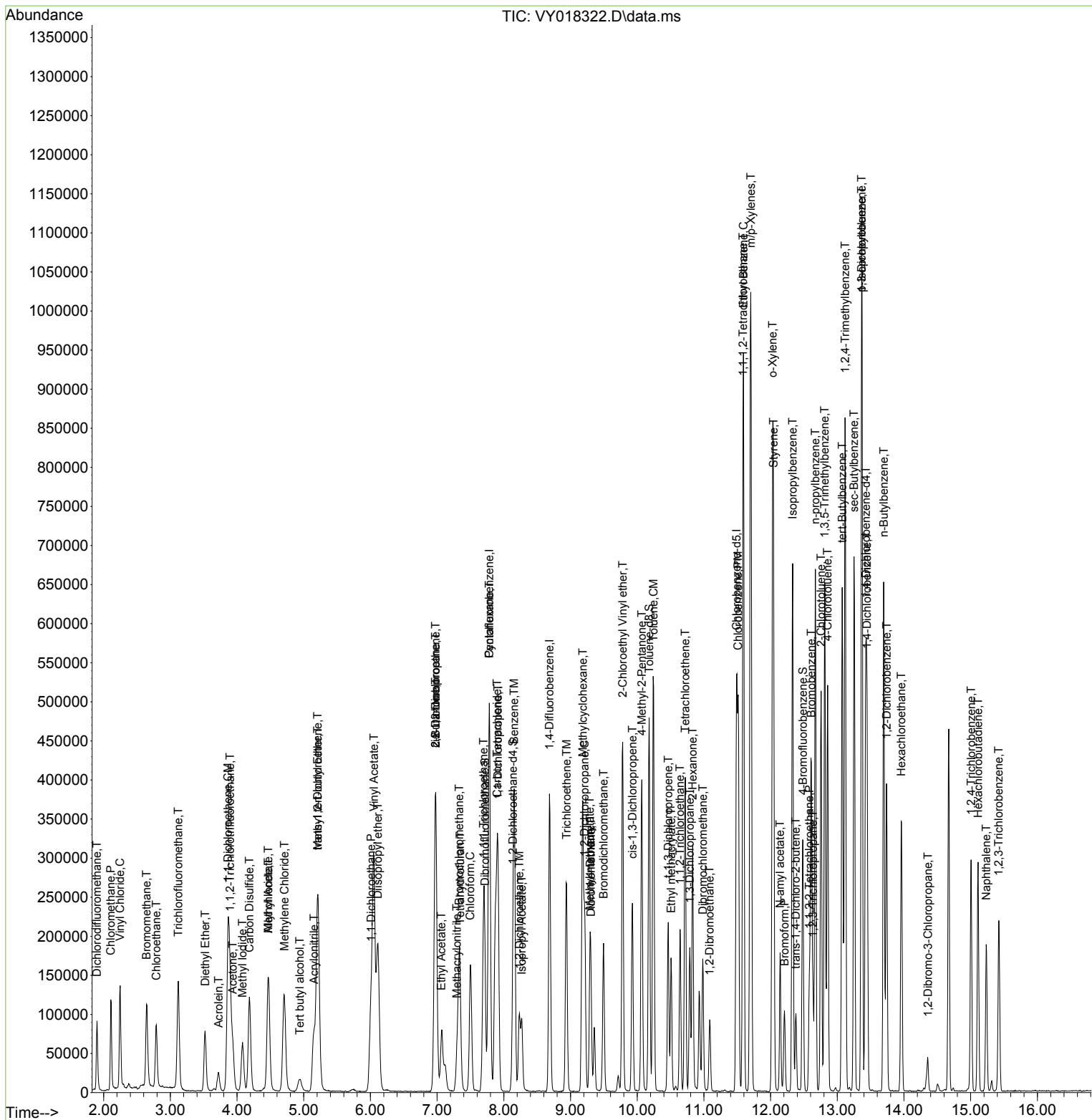
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

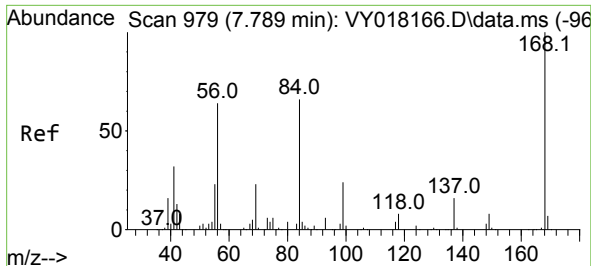
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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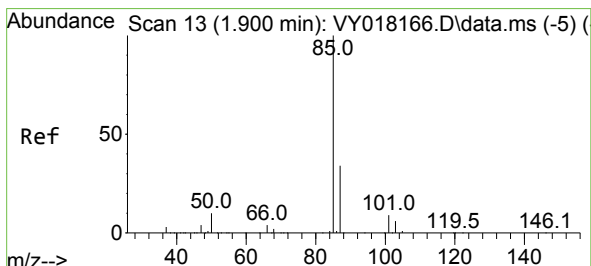
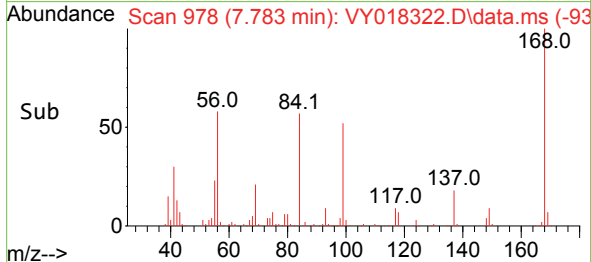
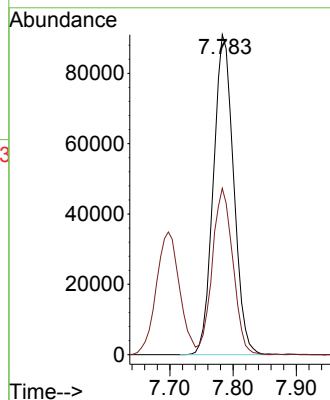
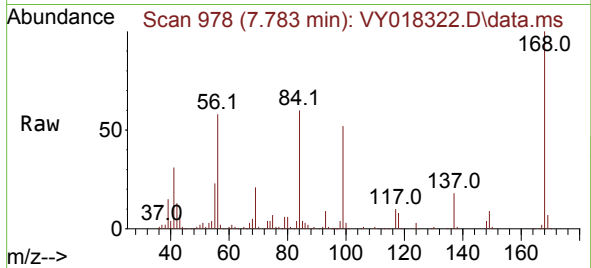




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018322.D
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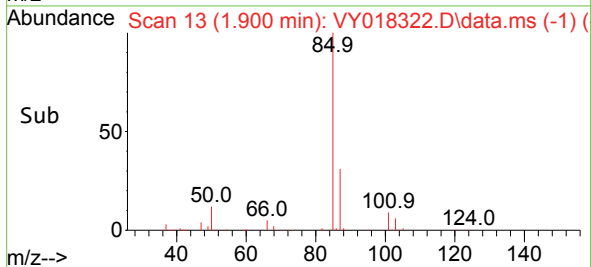
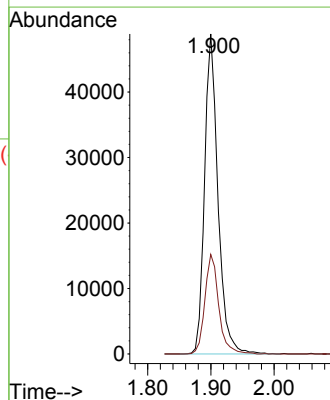
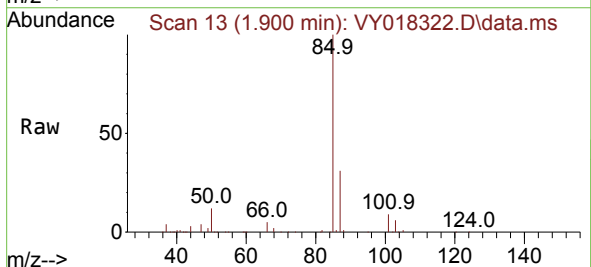
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

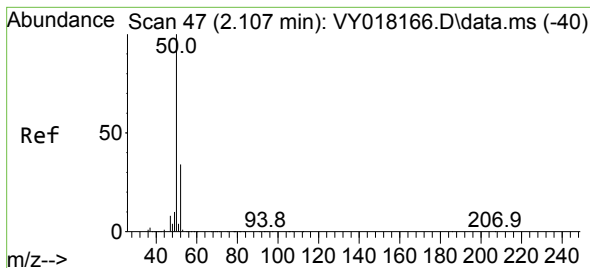
Tgt Ion:168 Resp: 202204
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.950 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 85 Resp: 72081
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3

Chloromethane

Concen: 47.917 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

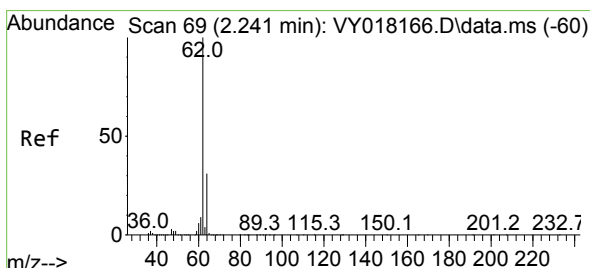
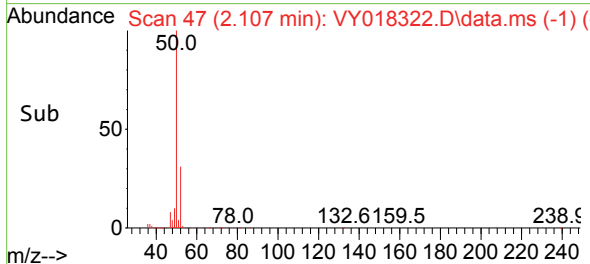
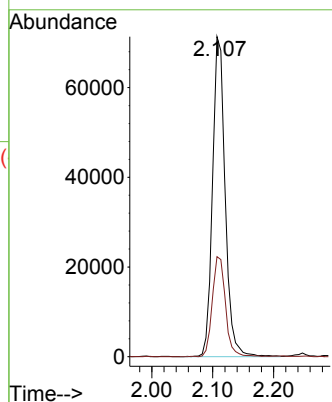
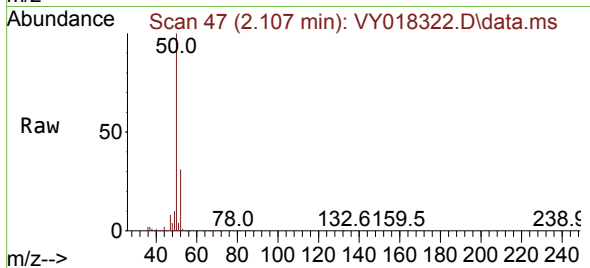
VSTDCCC050

Tgt Ion: 50 Resp: 102856

Ion Ratio Lower Upper

50 100

52 31.3 25.6 38.4



#4

Vinyl Chloride

Concen: 49.013 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY018322.D

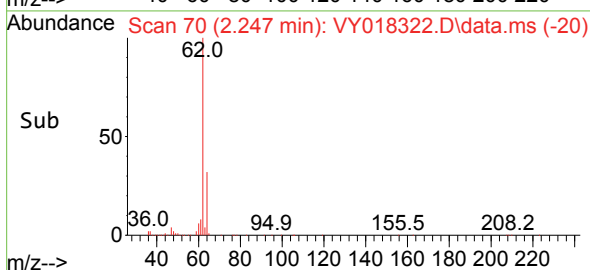
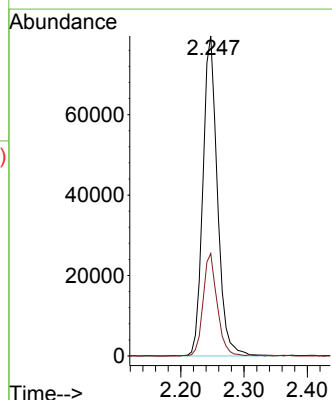
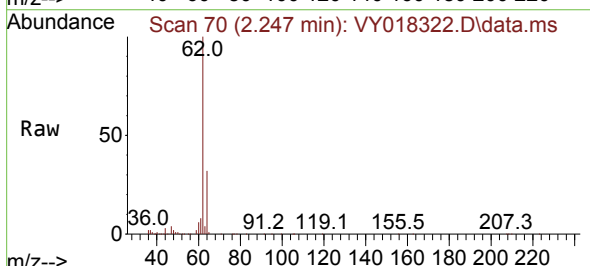
Acq: 20 May 2024 09:50

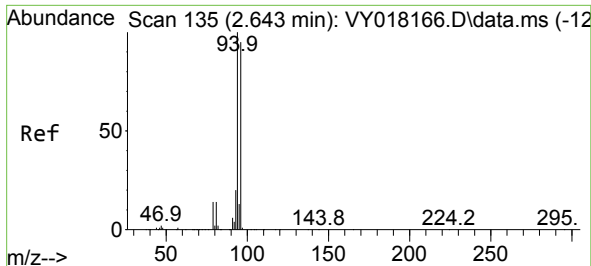
Tgt Ion: 62 Resp: 127537

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1

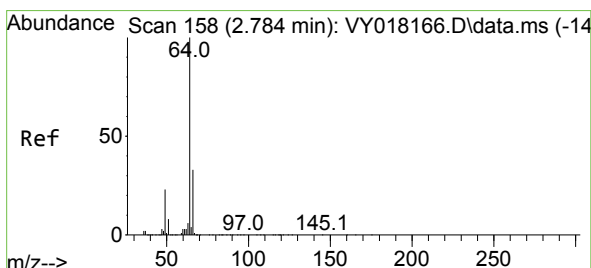
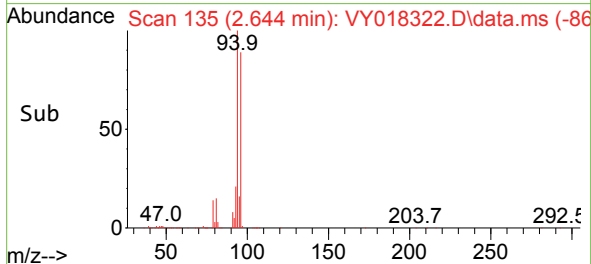
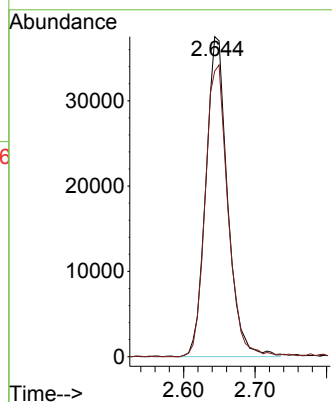
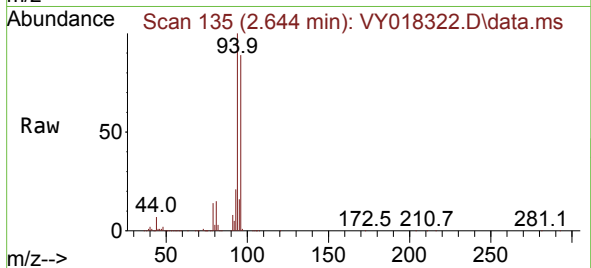




#5
Bromomethane
Concen: 43.845 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

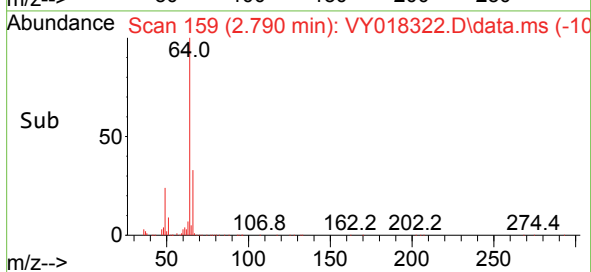
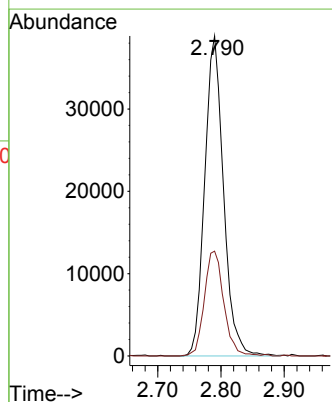
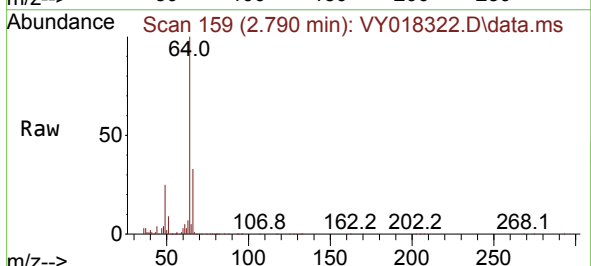
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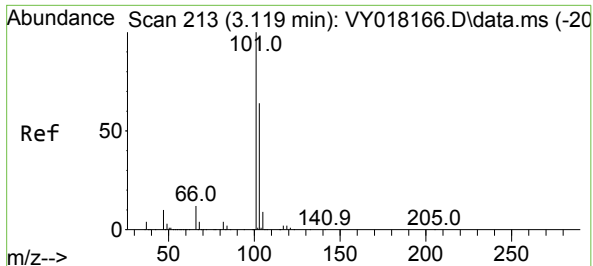
Tgt Ion: 94 Resp: 79234
Ion Ratio Lower Upper
94 100
96 89.3 74.1 111.1



#6
Chloroethane
Concen: 48.670 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 64 Resp: 80375
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1

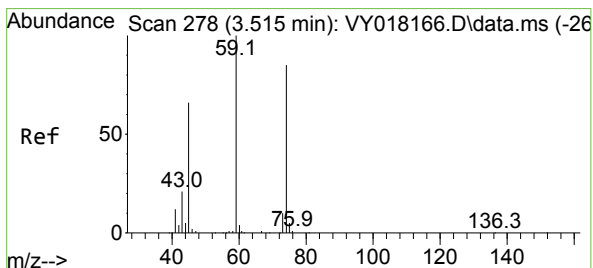
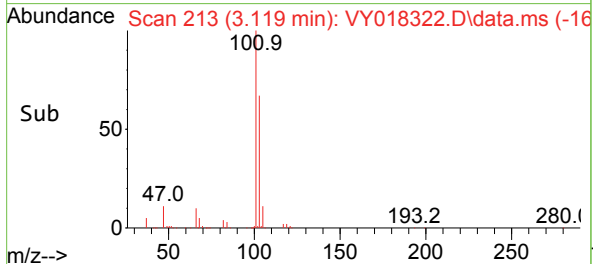
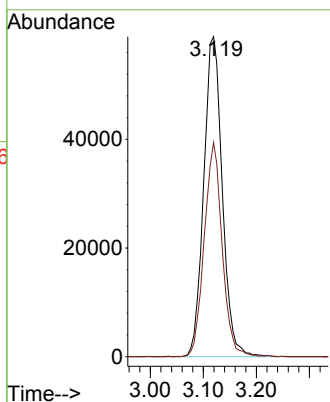
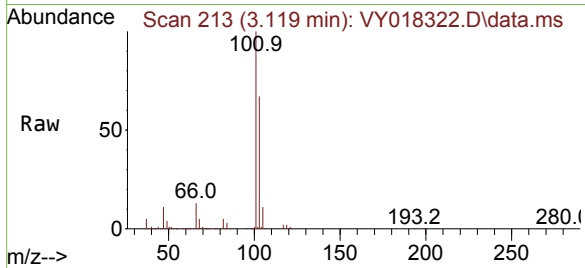




#7
Trichlorofluoromethane
Concen: 46.917 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

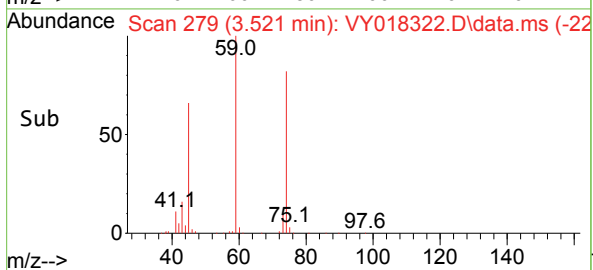
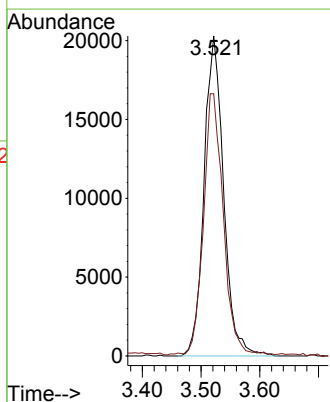
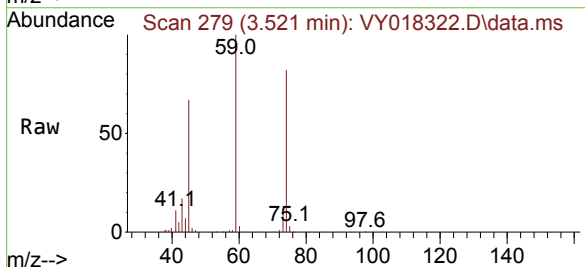
Instrument :
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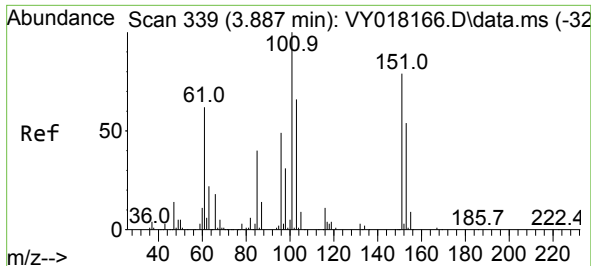
Tgt Ion:101 Resp: 143000
Ion Ratio Lower Upper
101 100
103 67.0 49.3 73.9



#8
Diethyl Ether
Concen: 46.791 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 74 Resp: 46949
Ion Ratio Lower Upper
74 100
45 82.4 41.3 124.1

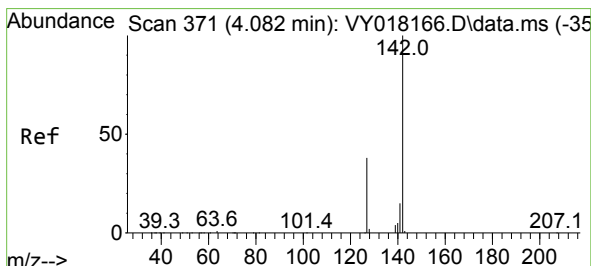
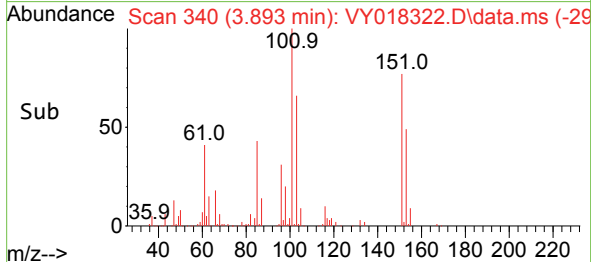
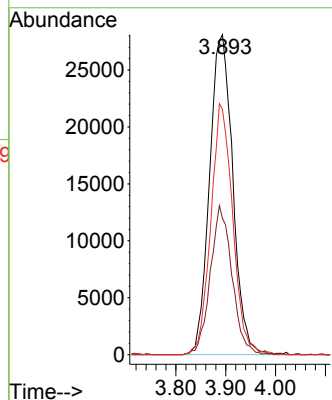
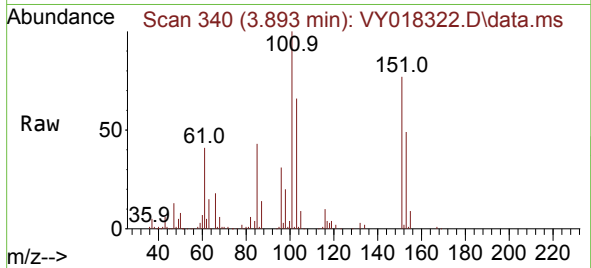




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.763 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

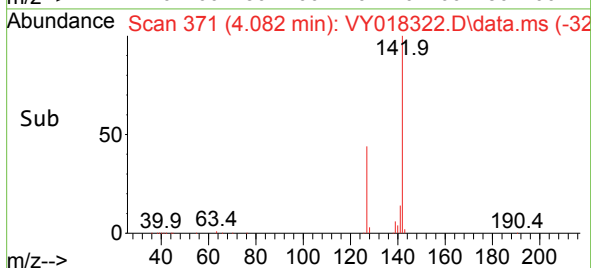
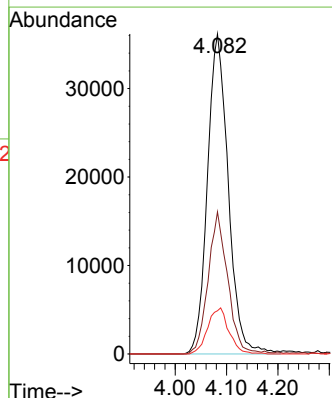
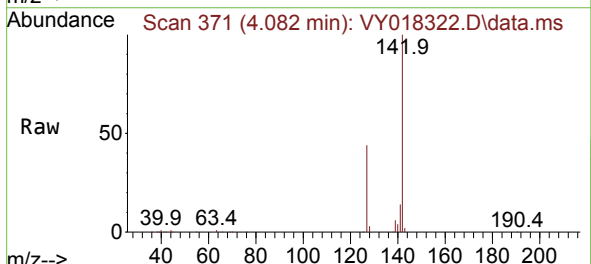
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

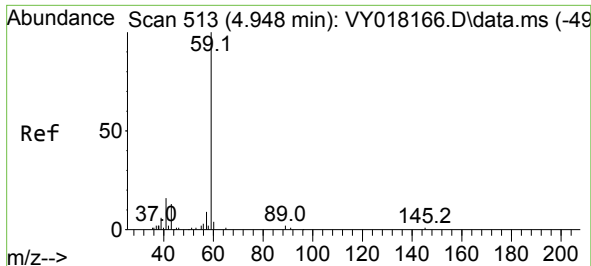
Tgt Ion:101 Resp: 90837
Ion Ratio Lower Upper
101 100
85 43.4 34.5 51.7
151 74.1 61.7 92.5



#10
Methyl Iodide
Concen: 44.862 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion:142 Resp: 101762
Ion Ratio Lower Upper
142 100
127 41.5 32.8 49.2
141 14.7 11.4 17.2

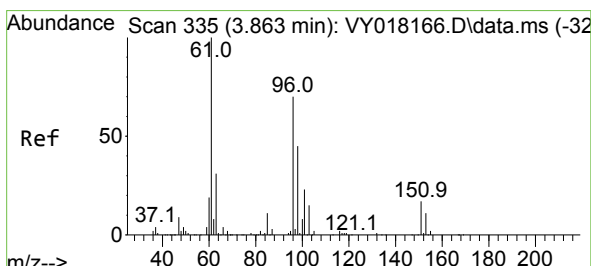
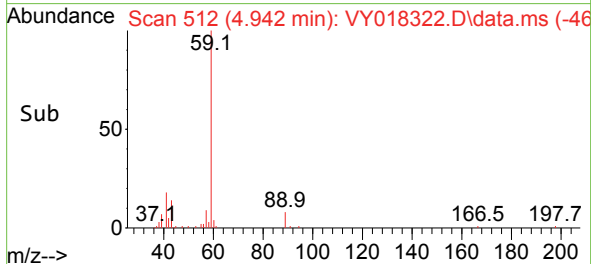
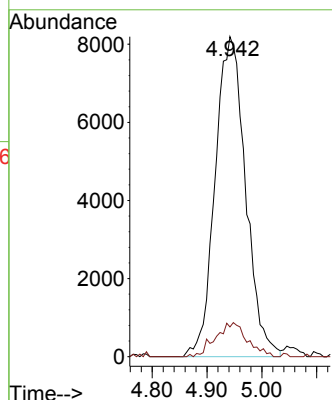
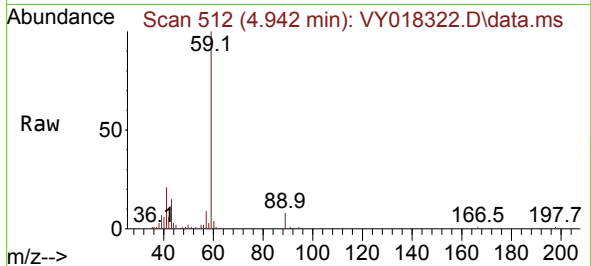




#11
Tert butyl alcohol
Concen: 241.418 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

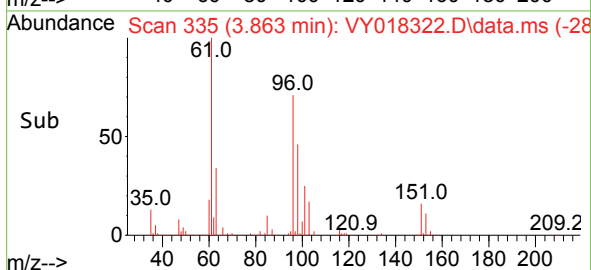
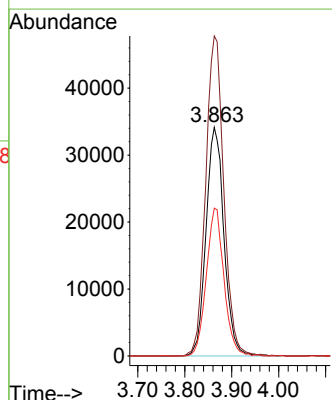
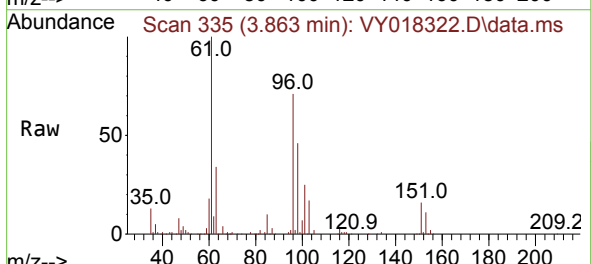
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

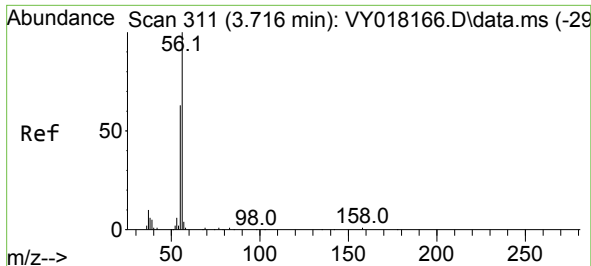
Tgt Ion: 59 Resp: 31617
Ion Ratio Lower Upper
59 100
57 11.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.296 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 96 Resp: 90531
Ion Ratio Lower Upper
96 100
61 139.7 114.6 171.8
98 64.6 50.8 76.2

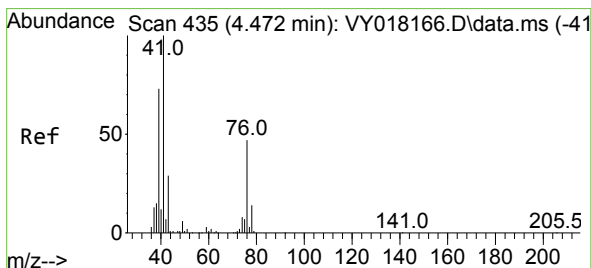
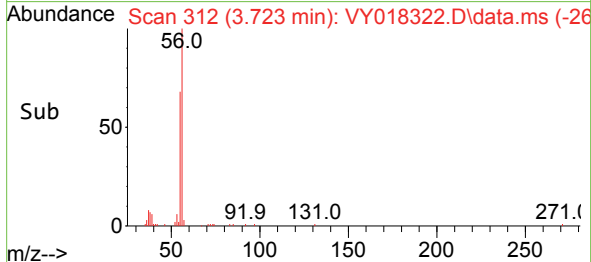
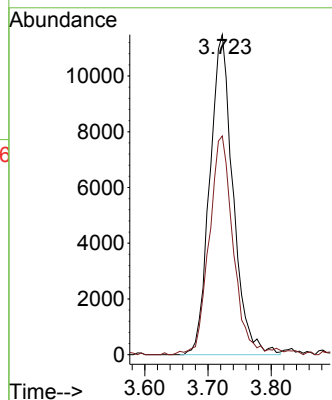
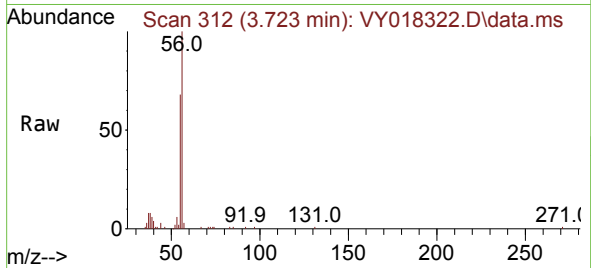




#13
Acrolein
Concen: 201.079 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

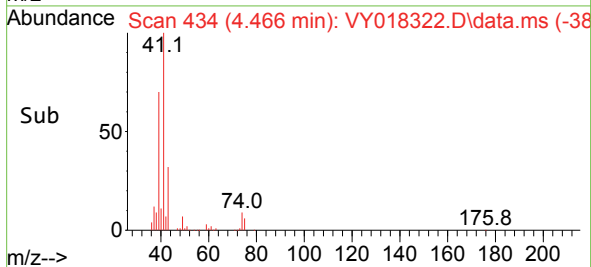
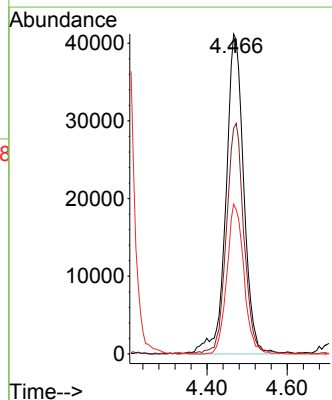
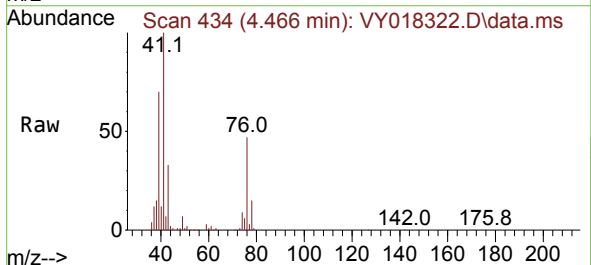
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

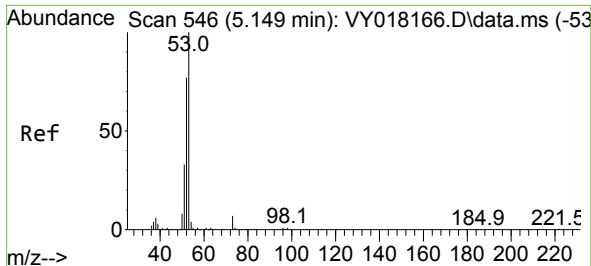
Tgt Ion: 56 Resp: 29359
Ion Ratio Lower Upper
56 100
55 70.3 55.7 83.5



#14
Allyl chloride
Concen: 51.105 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 41 Resp: 127133
Ion Ratio Lower Upper
41 100
39 70.8 58.3 87.5
76 44.7 39.0 58.6

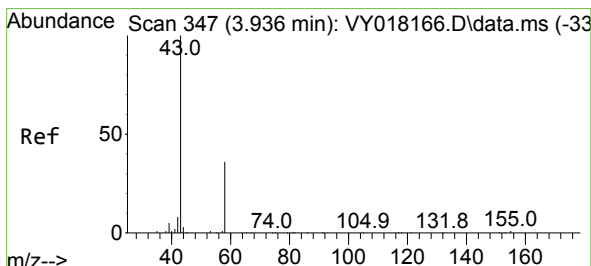
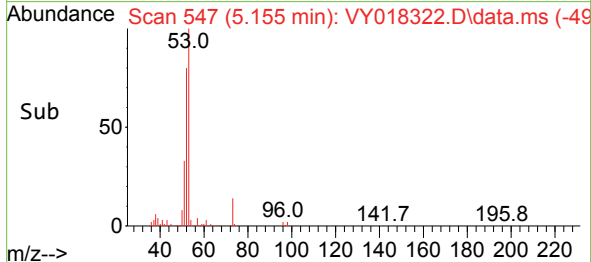
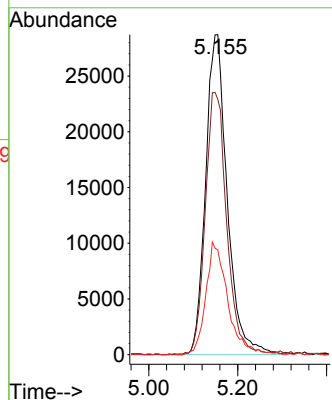
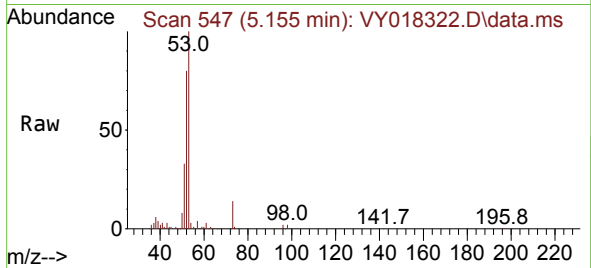




#15
Acrylonitrile
Concen: 251.670 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

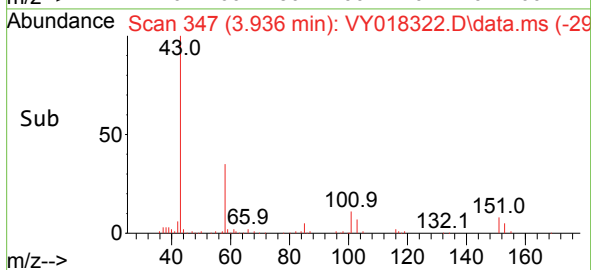
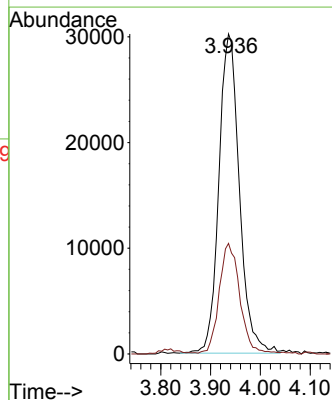
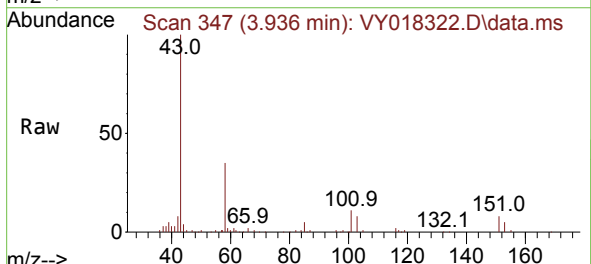
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

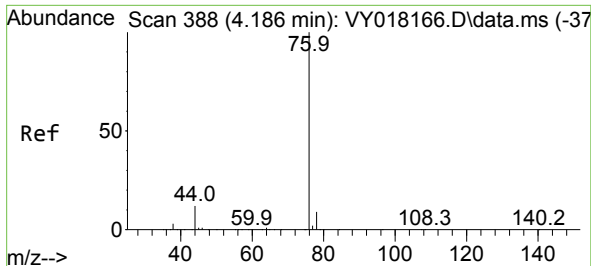
Tgt Ion: 53 Resp: 97109
Ion Ratio Lower Upper
53 100
52 81.3 64.7 97.1
51 35.7 28.4 42.6



#16
Acetone
Concen: 290.838 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 43 Resp: 86337
Ion Ratio Lower Upper
43 100
58 34.1 31.7 47.5

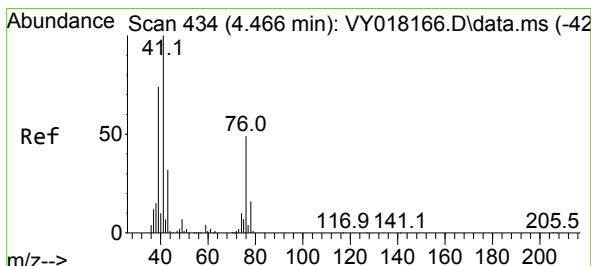
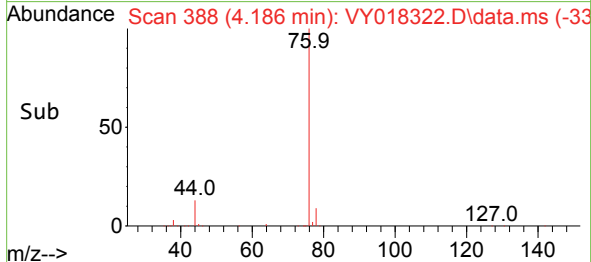
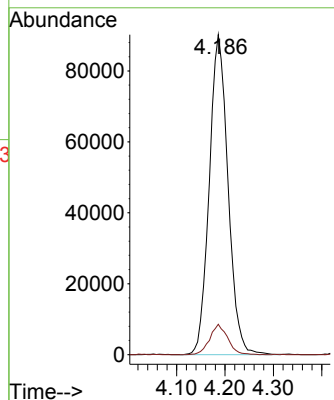
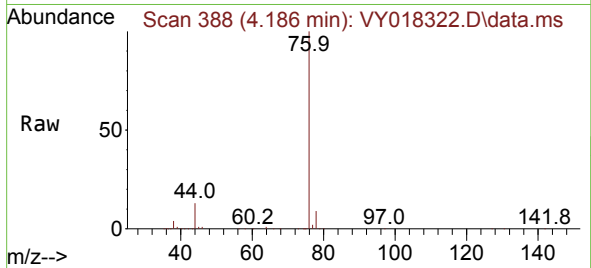




#17
Carbon Disulfide
Concen: 45.682 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

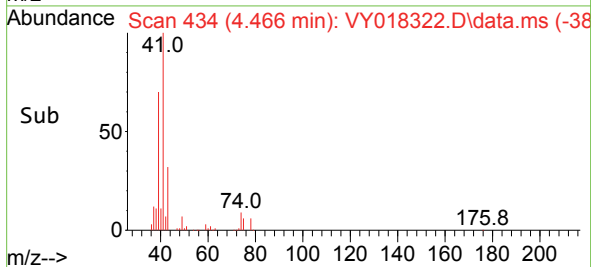
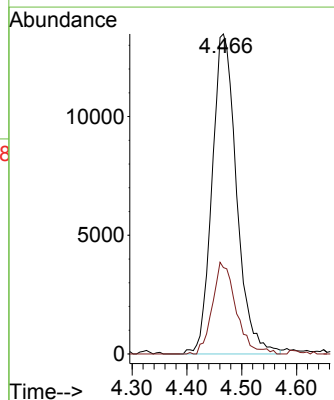
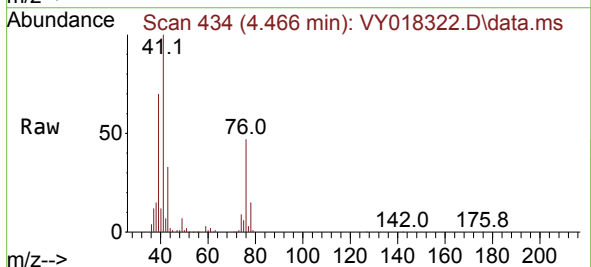
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

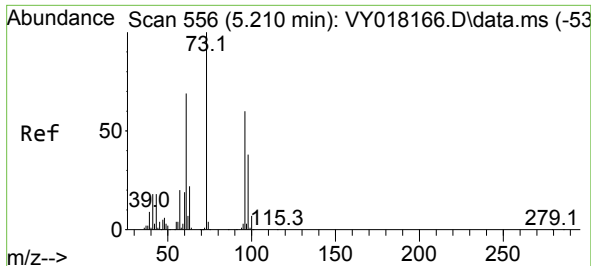
Tgt Ion: 76 Resp: 243191
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 49.438 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 43 Resp: 41806
Ion Ratio Lower Upper
43 100
74 27.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 48.924 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

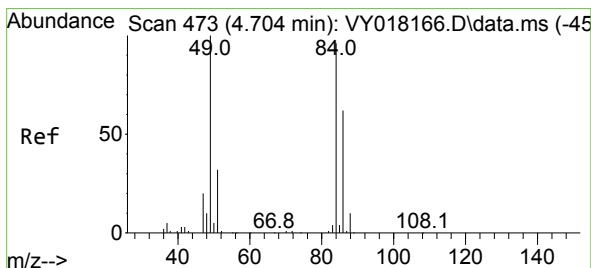
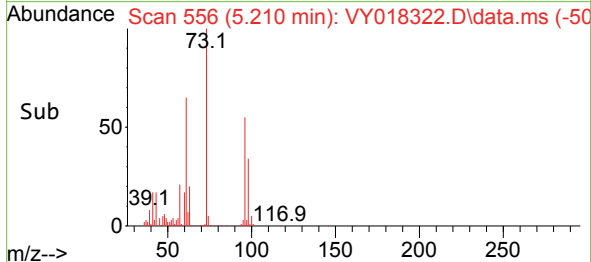
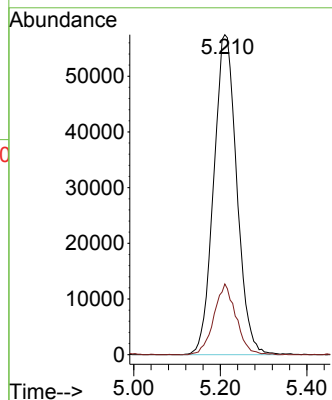
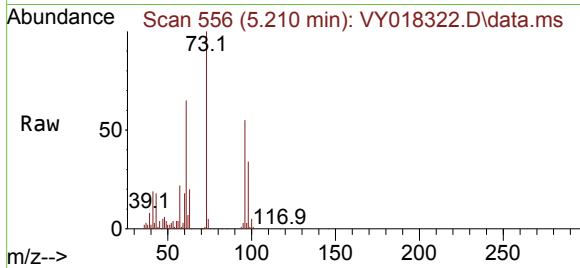
VSTDCCC050

Tgt Ion: 73 Resp: 213112

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



#20

Methylene Chloride

Concen: 46.818 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Tgt Ion: 84 Resp: 98234

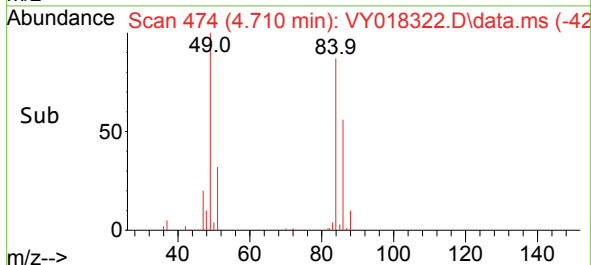
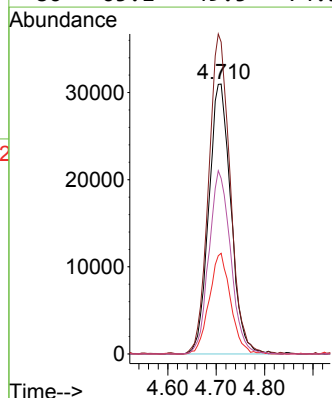
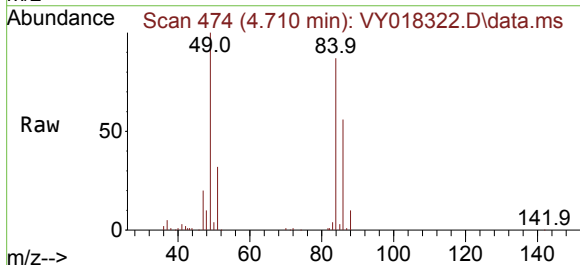
Ion Ratio Lower Upper

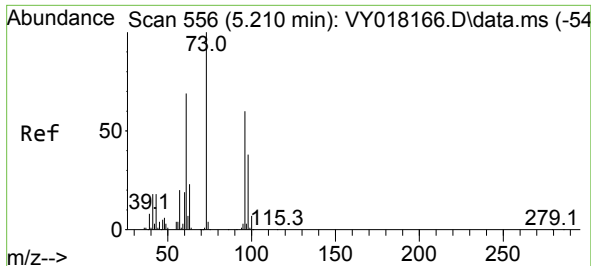
84 100

49 115.5 84.4 126.6

51 37.3 26.0 39.0

86 65.1 49.5 74.3

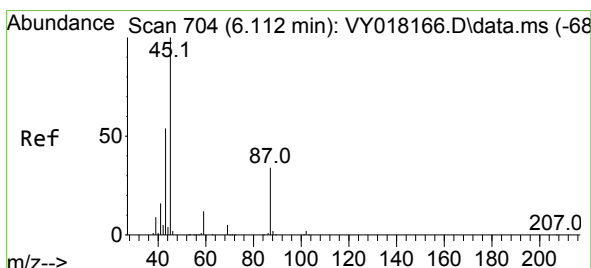
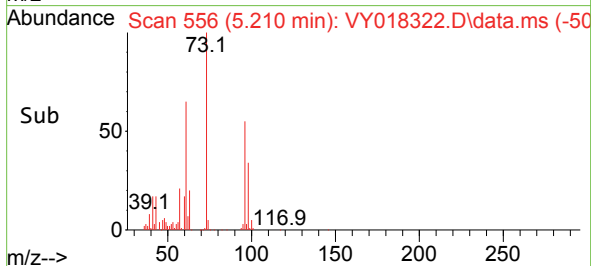
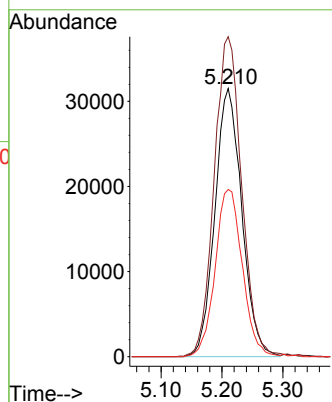
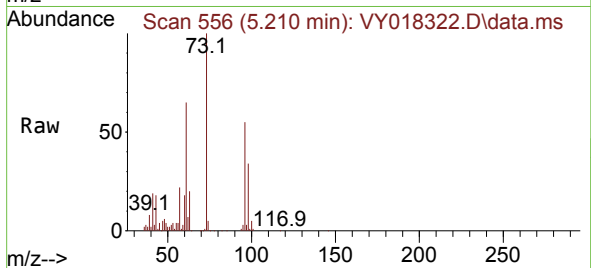




#21
trans-1,2-Dichloroethene
Concen: 46.688 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

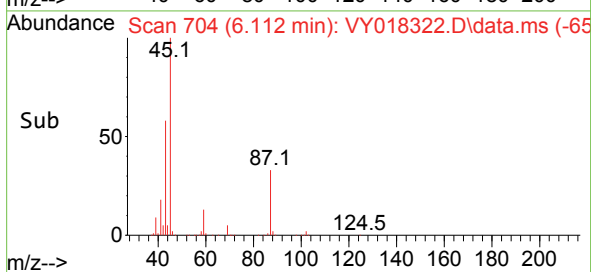
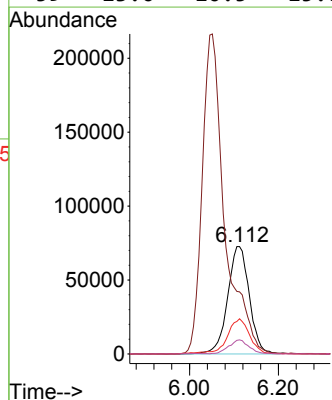
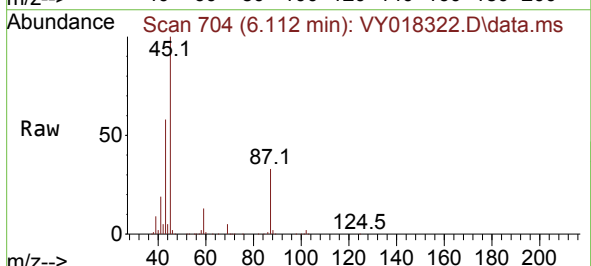
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

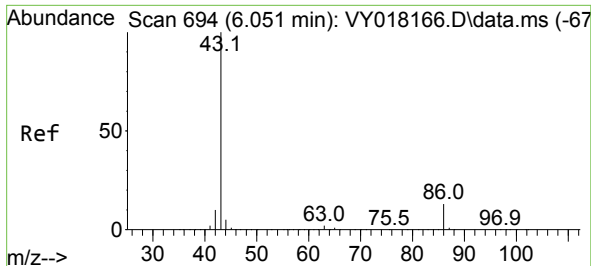
Tgt Ion: 96 Resp: 96777
Ion Ratio Lower Upper
96 100
61 119.1 97.5 146.3
98 62.4 50.5 75.7



#22
Diisopropyl ether
Concen: 46.506 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 45 Resp: 245421
Ion Ratio Lower Upper
45 100
43 57.6 42.2 63.2
87 32.4 25.0 37.6
59 13.0 10.5 15.7

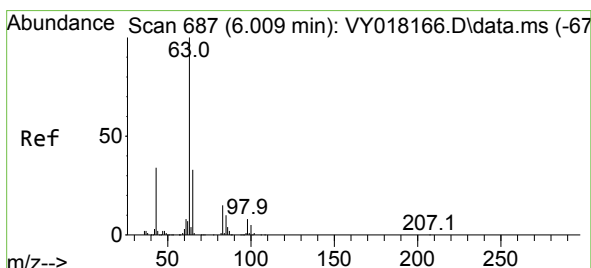
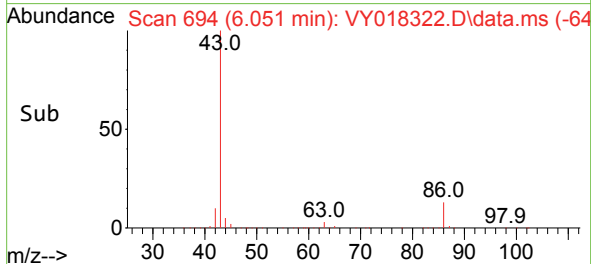
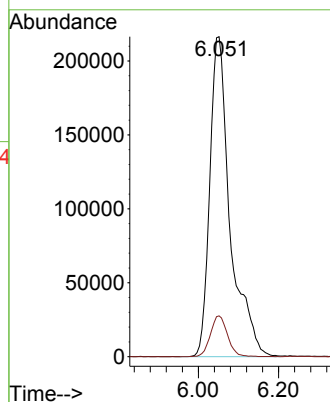
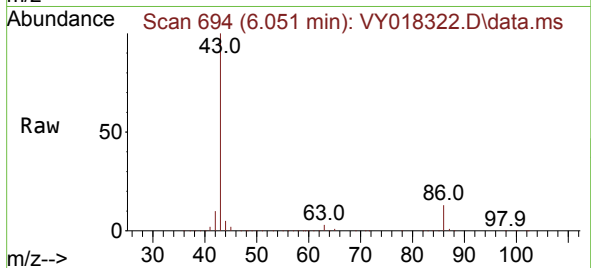




#23
 Vinyl Acetate
 Concen: 237.958 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018322.D
 Acq: 20 May 2024 09:50

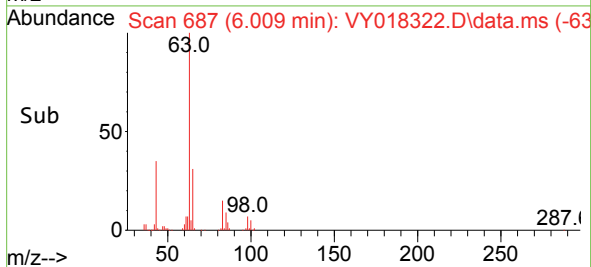
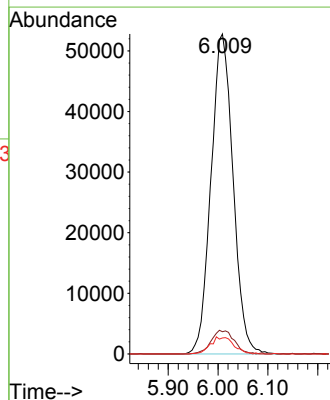
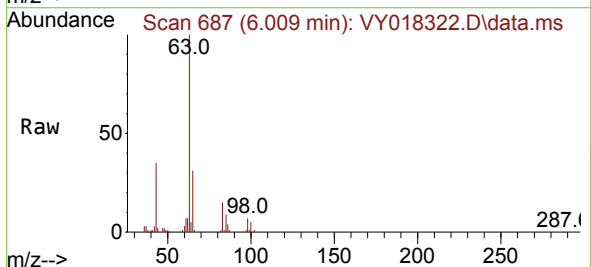
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

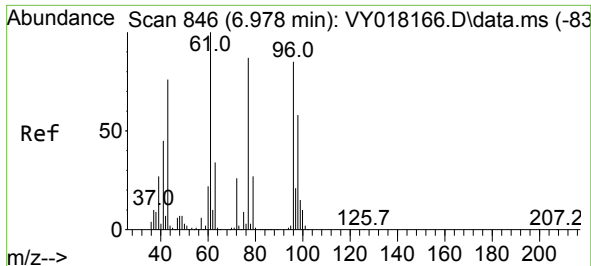
Tgt Ion: 43 Resp: 763241
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.917 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018322.D
 Acq: 20 May 2024 09:50

Tgt Ion: 63 Resp: 162244
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 5.0 2.6 8.0

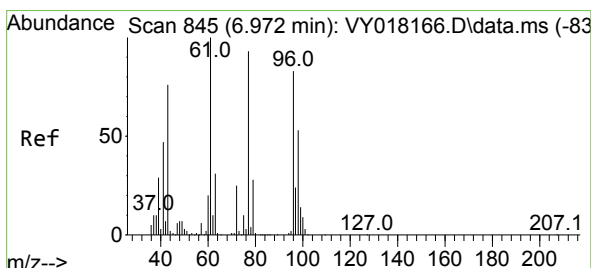
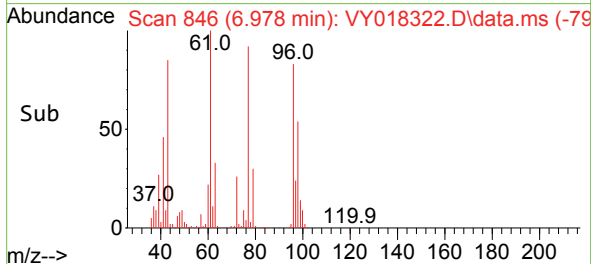
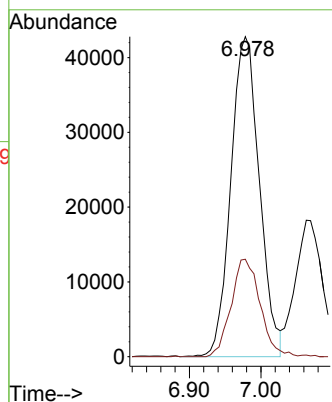
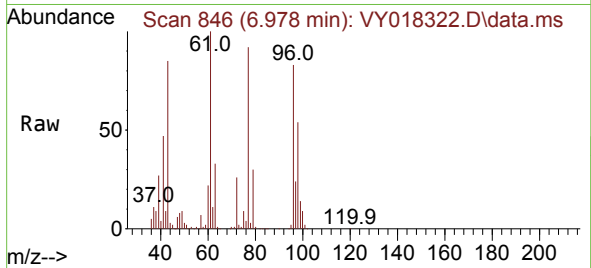




#25
2-Butanone
Concen: 250.264 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

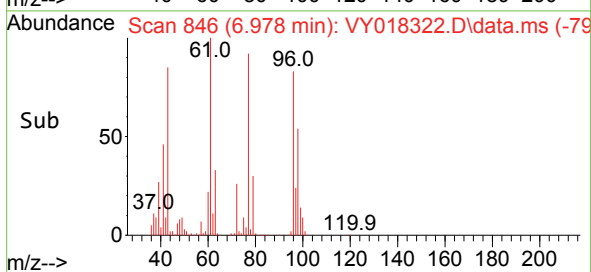
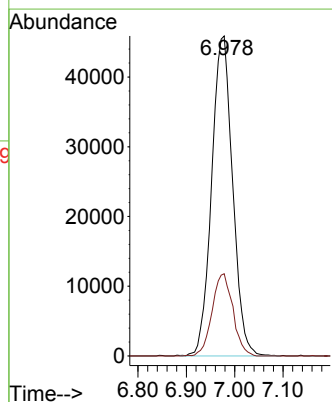
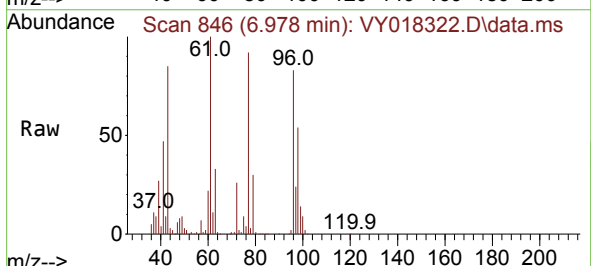
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

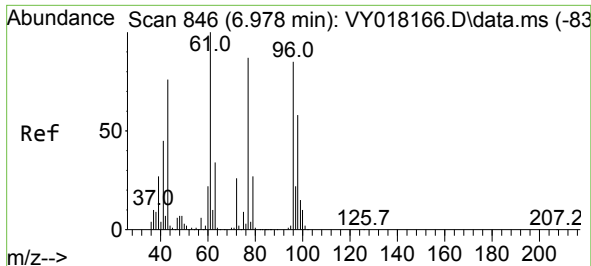
Tgt Ion: 43 Resp: 118756
Ion Ratio Lower Upper
43 100
72 30.5 27.3 40.9



#26
2,2-Dichloropropane
Concen: 46.964 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 77 Resp: 138156
Ion Ratio Lower Upper
77 100
97 25.5 12.0 36.1

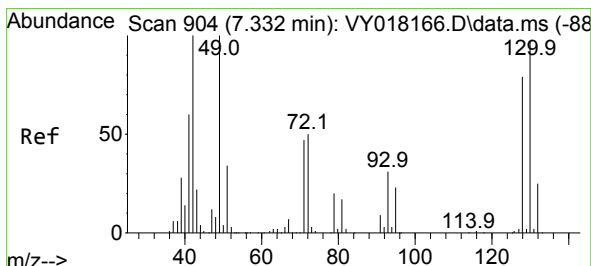
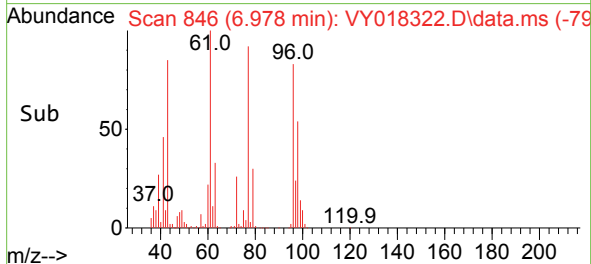
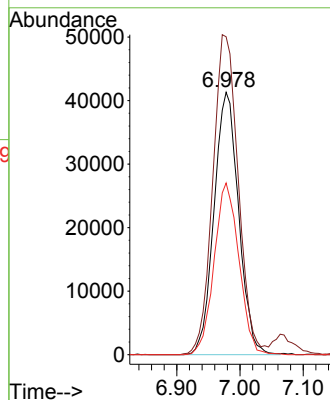
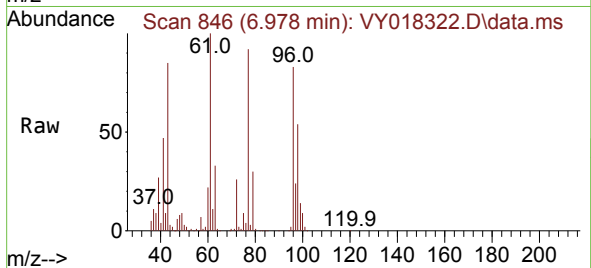




#27
 cis-1,2-Dichloroethene
 Concen: 45.535 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018322.D
 Acq: 20 May 2024 09:50

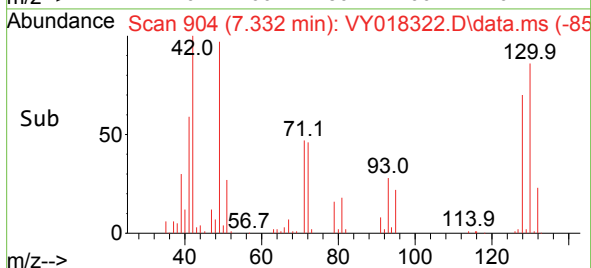
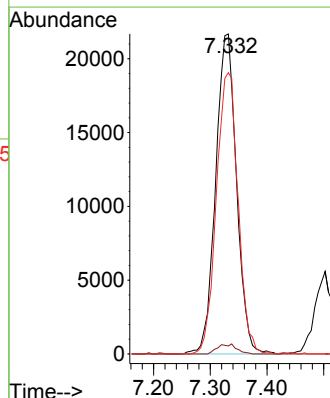
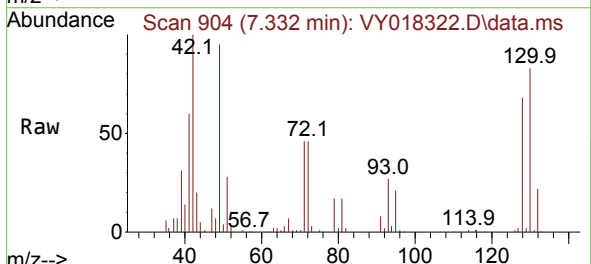
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

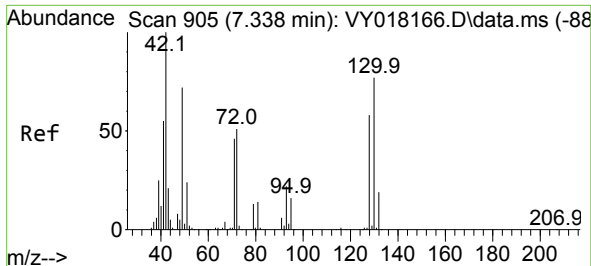
Tgt Ion: 96 Resp: 111545
 Ion Ratio Lower Upper
 96 100
 61 126.3 0.0 256.2
 98 66.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 42.643 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY018322.D
 Acq: 20 May 2024 09:50

Tgt Ion: 49 Resp: 55398
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.6
 130 91.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 226.838 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

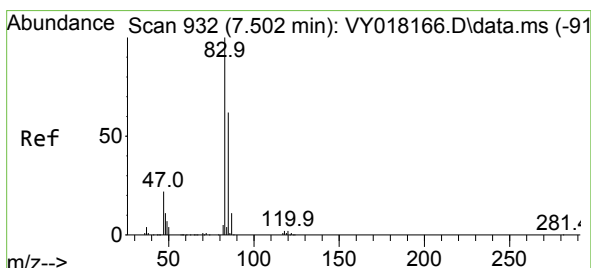
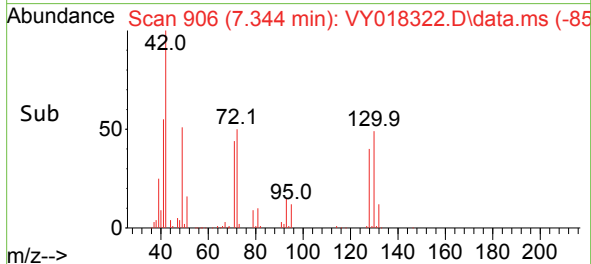
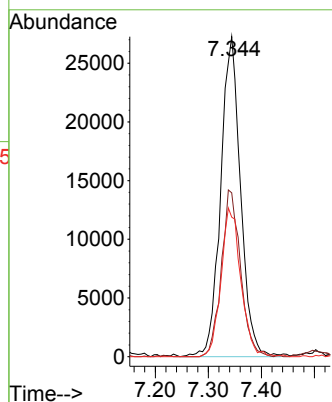
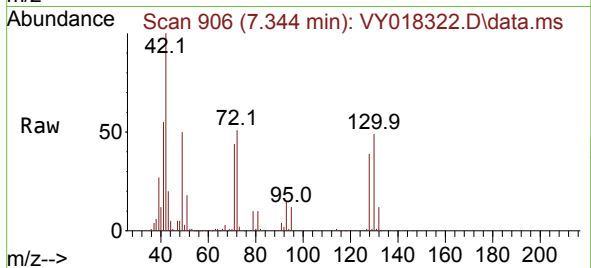
Tgt Ion: 42 Resp: 71052

Ion Ratio Lower Upper

42 100

72 50.1 43.0 64.4

71 46.1 40.8 61.2



#30

Chloroform

Concen: 46.841 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY018322.D

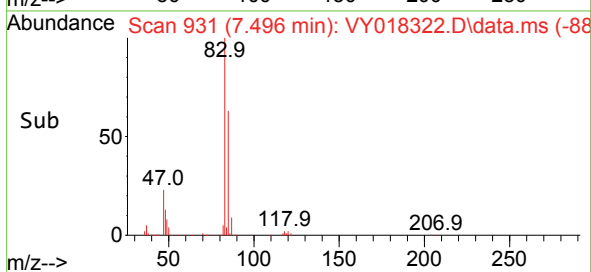
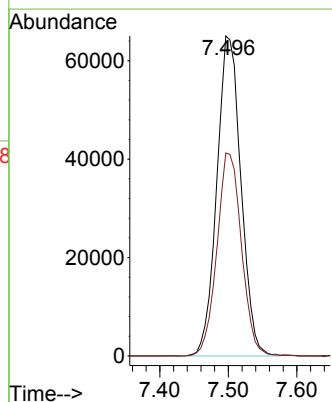
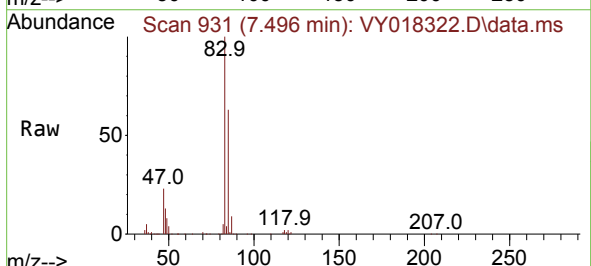
Acq: 20 May 2024 09:50

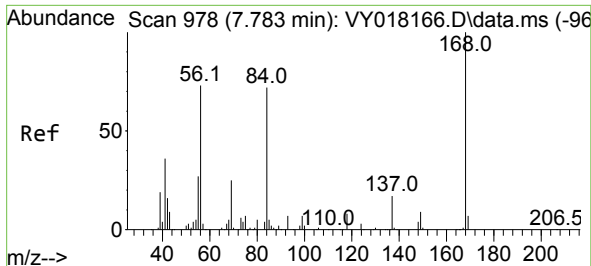
Tgt Ion: 83 Resp: 158939

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

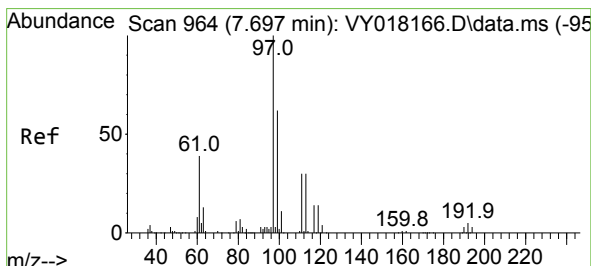
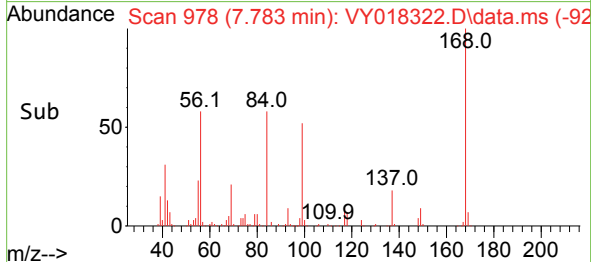
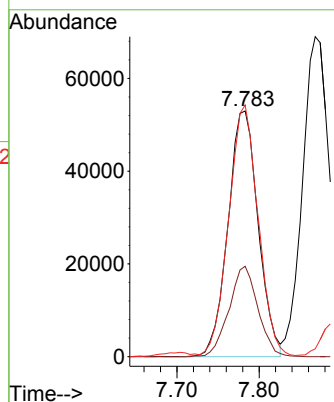
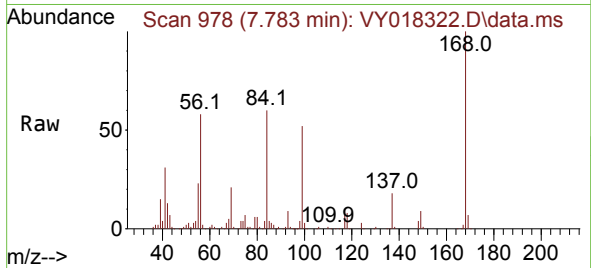




#31
Cyclohexane
Concen: 46.583 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

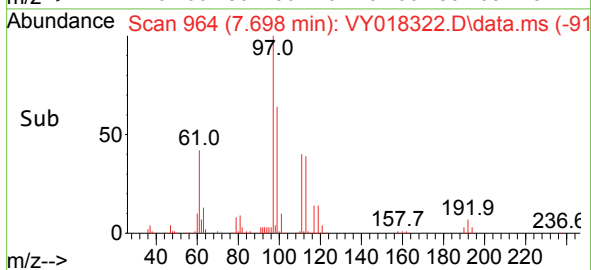
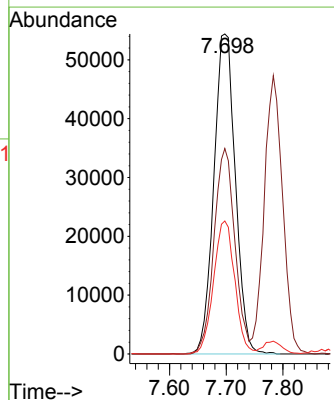
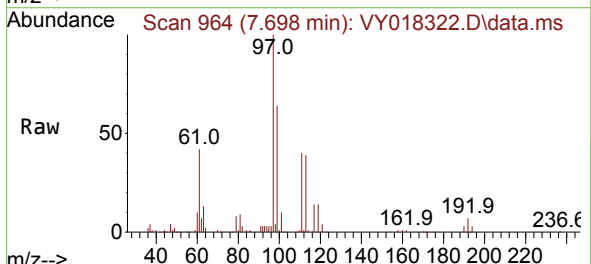
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

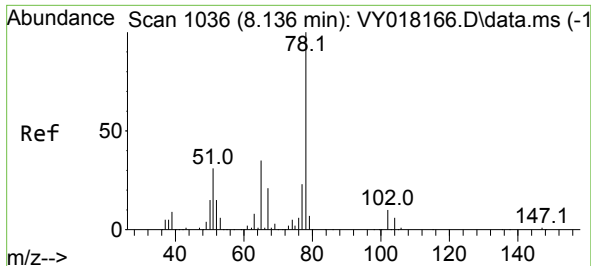
Tgt Ion: 56 Resp: 135228
Ion Ratio Lower Upper
56 100
69 36.8 28.7 43.1
84 100.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 47.274 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 97 Resp: 143774
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 41.0 32.6 48.8

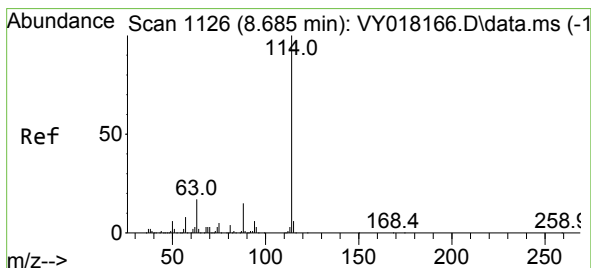
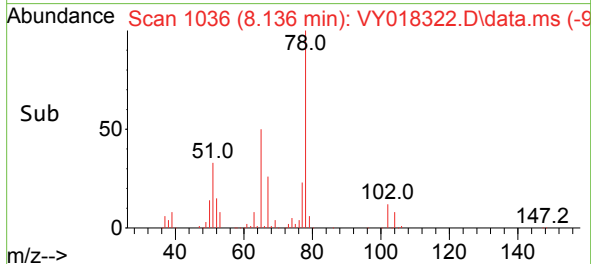
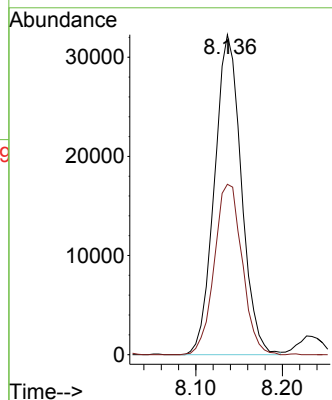
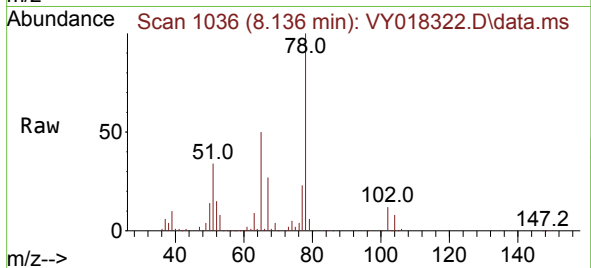




#33
 1,2-Dichloroethane-d4
 Concen: 46.810 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018322.D
 Acq: 20 May 2024 09:50

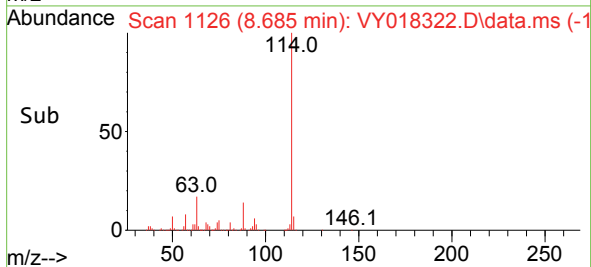
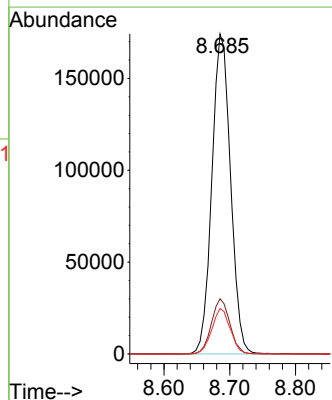
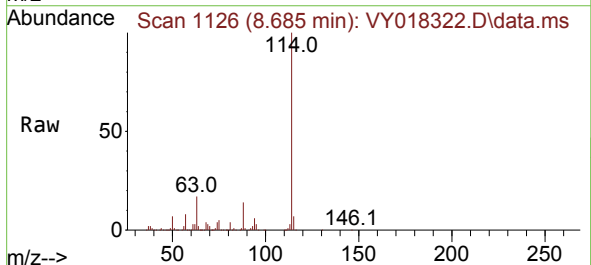
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

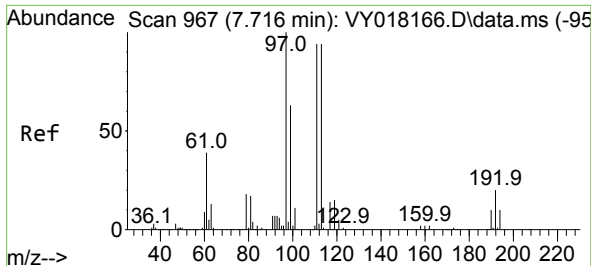
Tgt Ion: 65 Resp: 69632
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018322.D
 Acq: 20 May 2024 09:50

Tgt Ion: 114 Resp: 344159
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 14.2 0.0 27.2

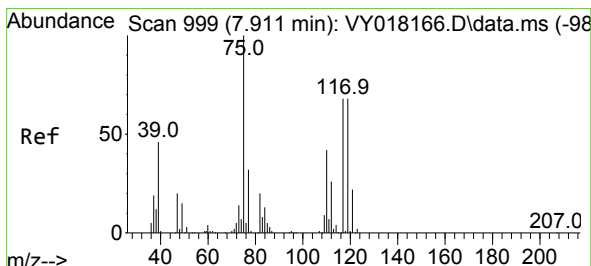
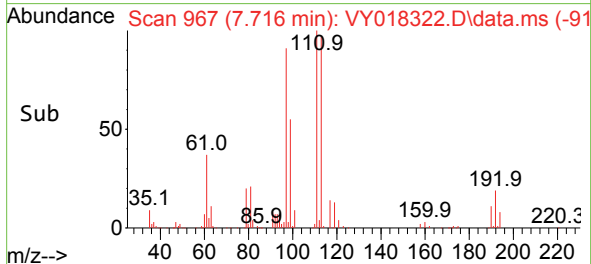
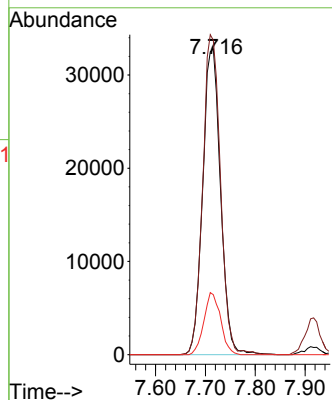
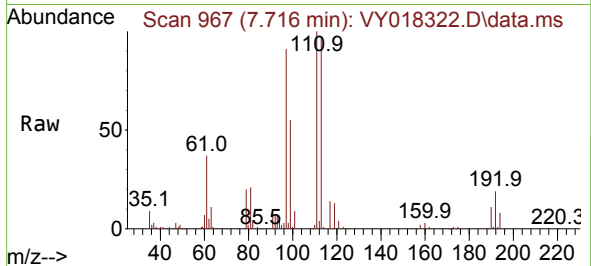




#35
Dibromofluoromethane
Concen: 45.112 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

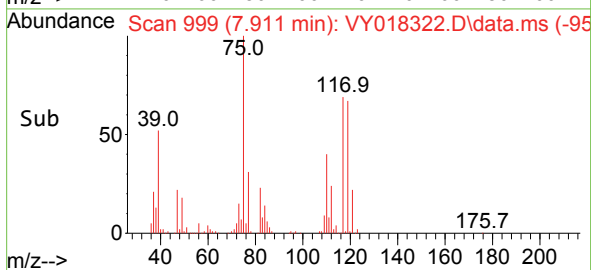
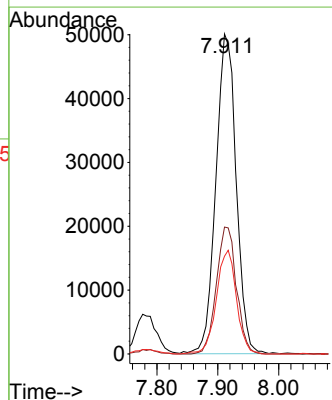
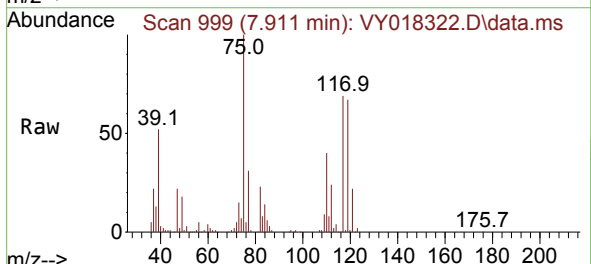
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

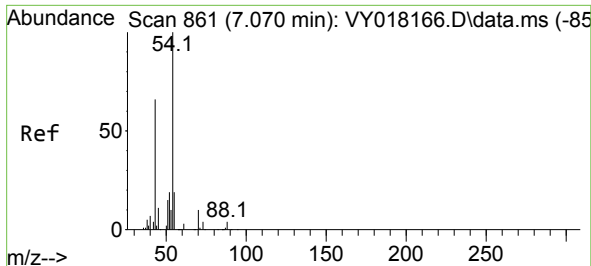
Tgt Ion:113 Resp: 81594
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 44.733 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 75 Resp: 115990
Ion Ratio Lower Upper
75 100
110 39.2 19.0 57.0
77 32.1 25.3 37.9





#37

Ethyl Acetate

Concen: 45.147 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

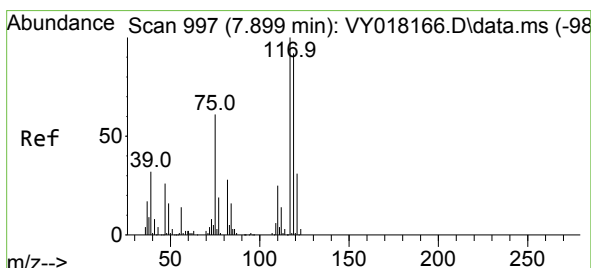
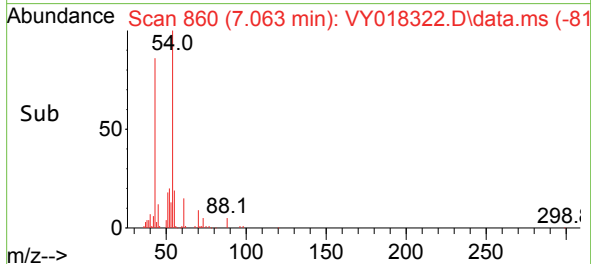
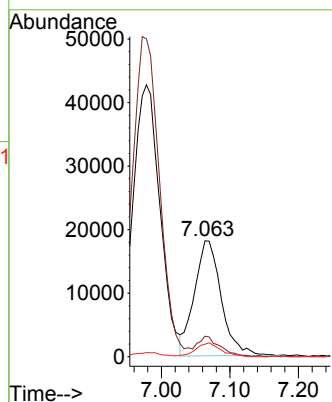
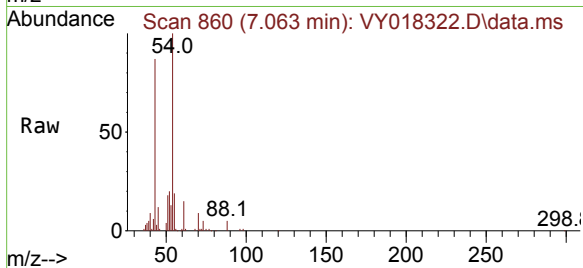
Tgt Ion: 43 Resp: 49270

Ion Ratio Lower Upper

43 100

61 14.7 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 45.053 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

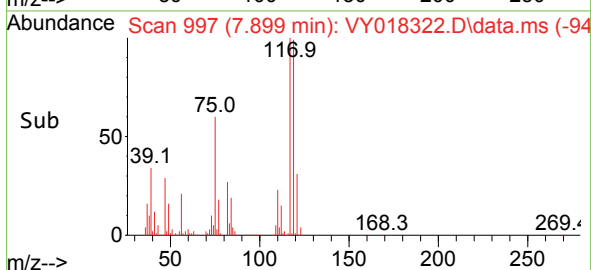
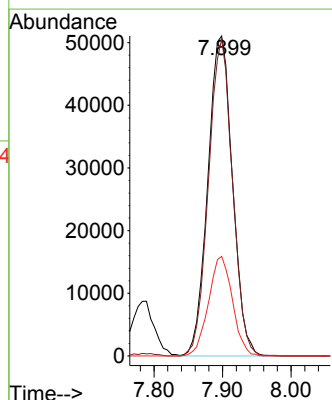
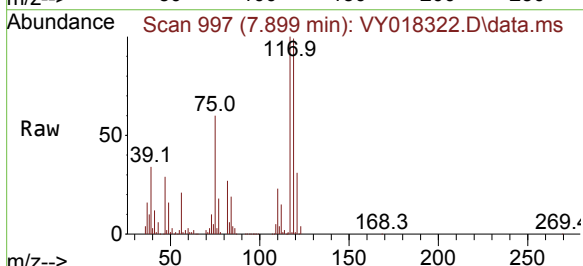
Tgt Ion: 117 Resp: 127644

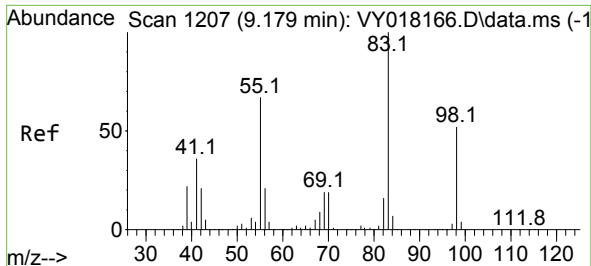
Ion Ratio Lower Upper

117 100

119 99.0 75.8 113.6

121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 43.726 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

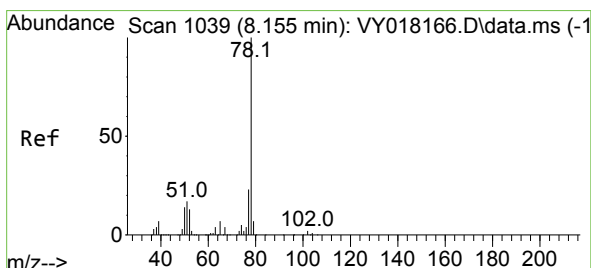
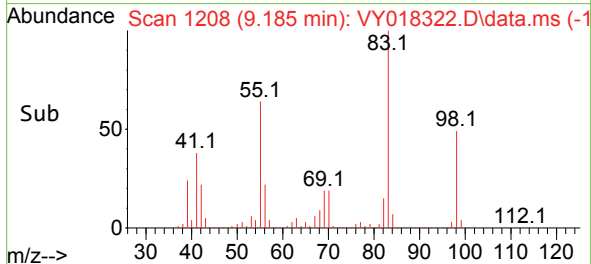
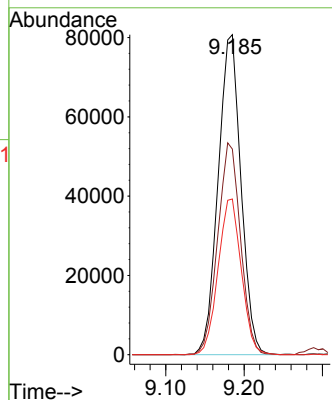
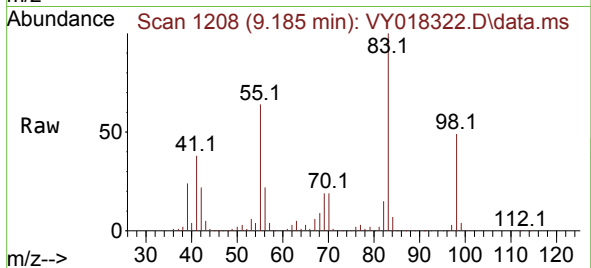
Tgt Ion: 83 Resp: 163567

Ion Ratio Lower Upper

83 100

55 64.3 51.5 77.3

98 48.6 40.5 60.7



#40

Benzene

Concen: 44.199 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018322.D

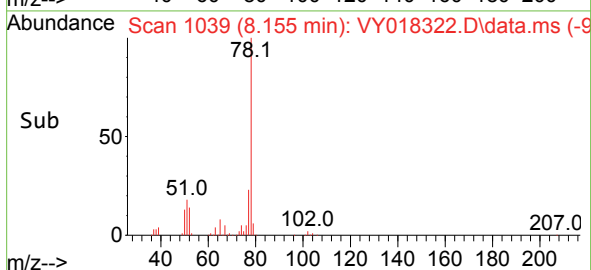
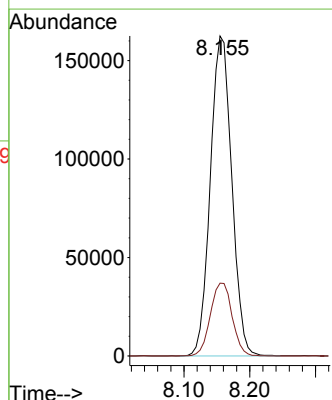
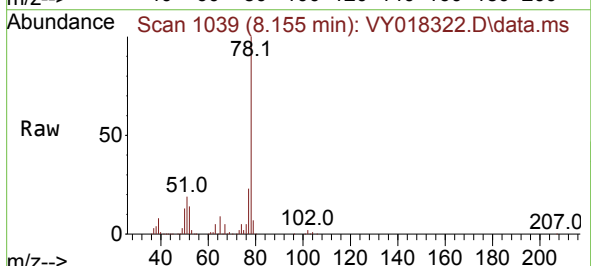
Acq: 20 May 2024 09:50

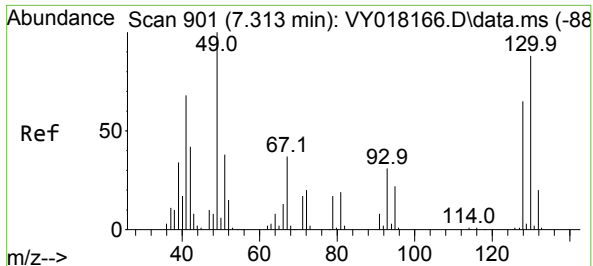
Tgt Ion: 78 Resp: 368640

Ion Ratio Lower Upper

78 100

77 22.7 19.5 29.3

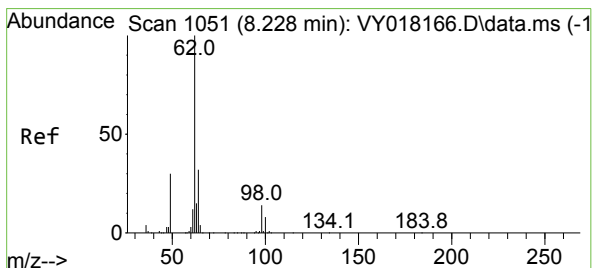
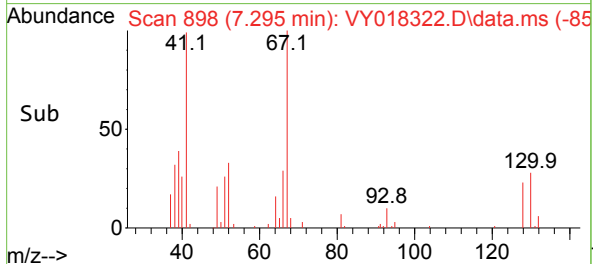
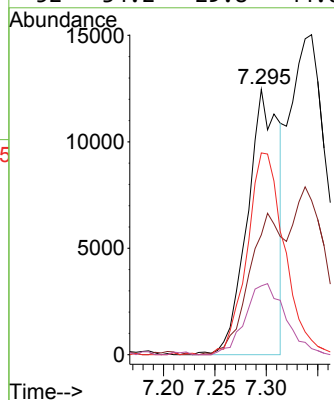
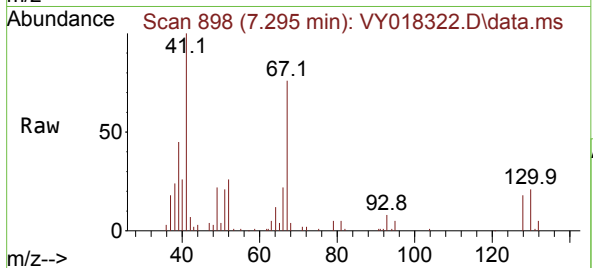




#41
Methacrylonitrile
Concen: 42.006 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

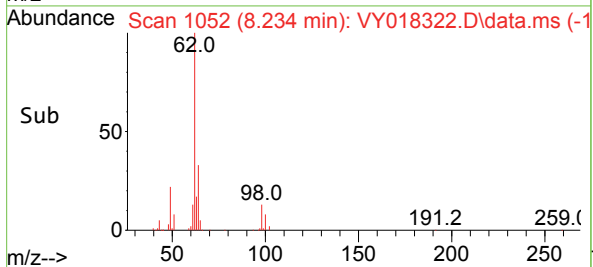
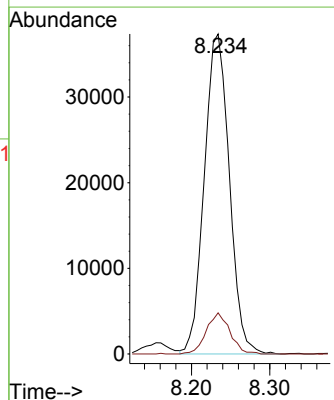
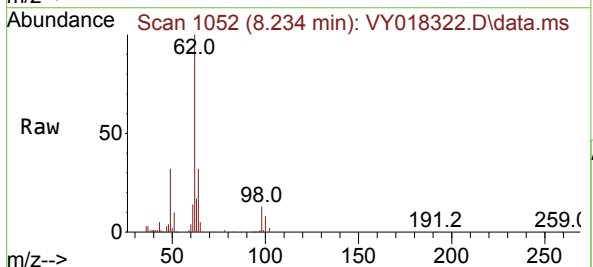
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

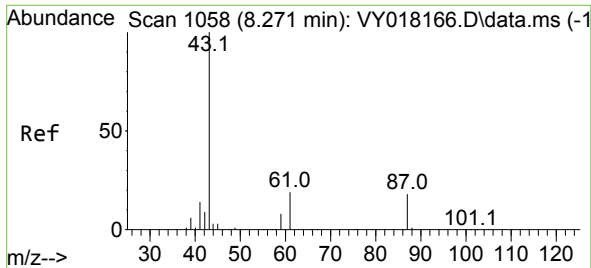
Tgt Ion:	41	Resp:	26472
Ion	Ratio	Lower	Upper
41	100		
39	59.8	48.0	72.0
67	90.9	75.1	112.7
52	34.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 45.755 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion:	62	Resp:	83032
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	22.0

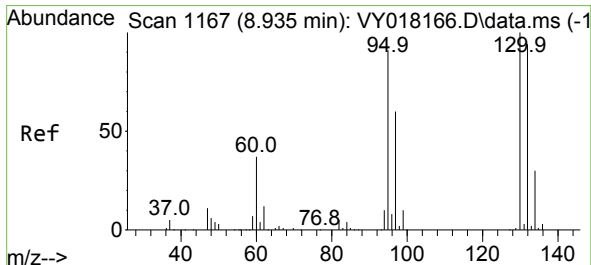
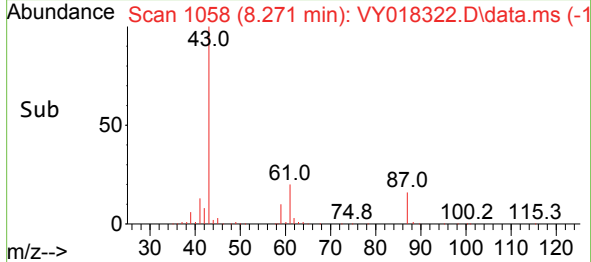
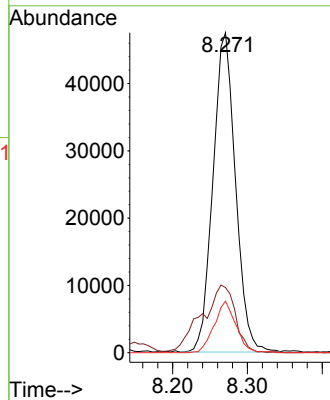
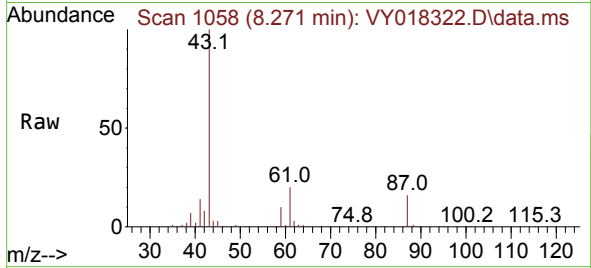




#43
Isopropyl Acetate
Concen: 44.520 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

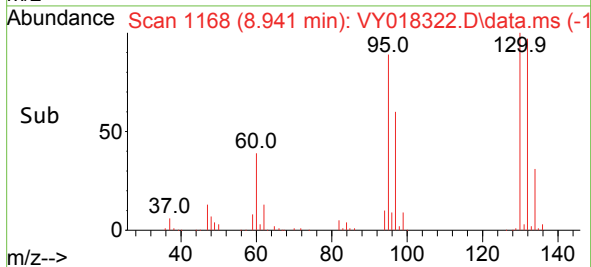
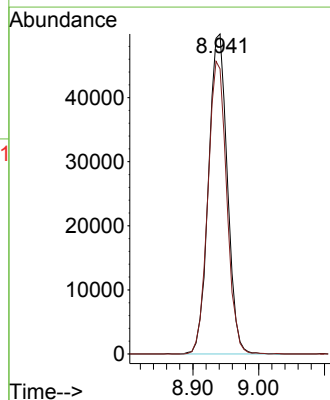
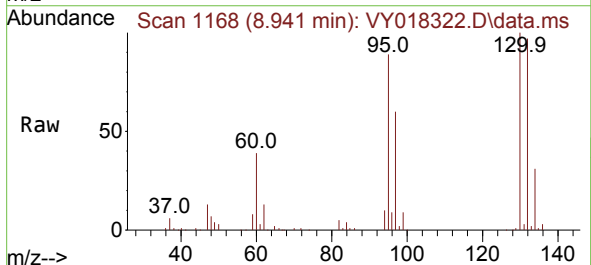
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

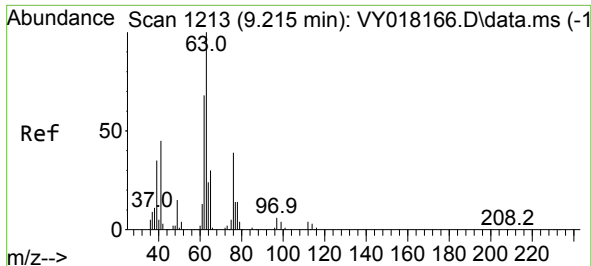
Tgt Ion:	43	Resp:	99590
Ion	Ratio	Lower	Upper
43	100		
61	31.1	27.9	41.9
87	15.5	13.1	19.7



#44
Trichloroethene
Concen: 43.676 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion:	130	Resp:	99166
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	188.0





#45

1,2-Dichloropropane

Concen: 44.838 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

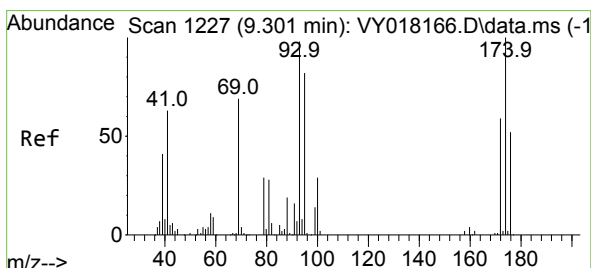
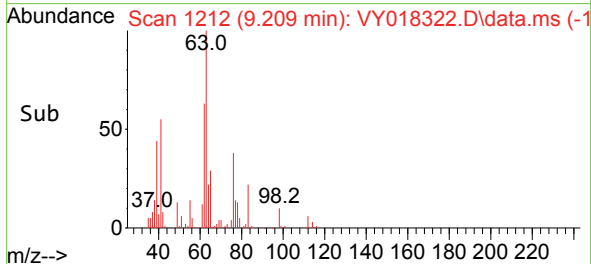
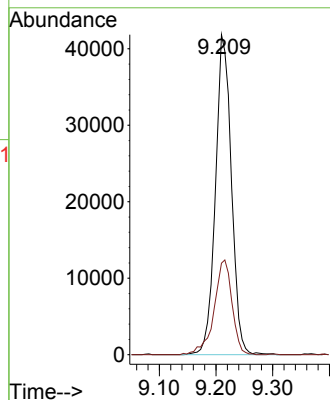
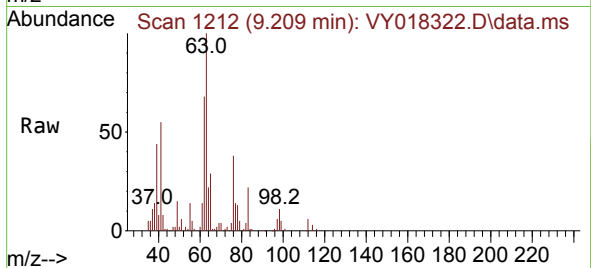
VSTDCCC050

Tgt Ion: 63 Resp: 81758

Ion Ratio Lower Upper

63 100

65 28.6 25.4 38.2



#46

Dibromomethane

Concen: 44.991 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

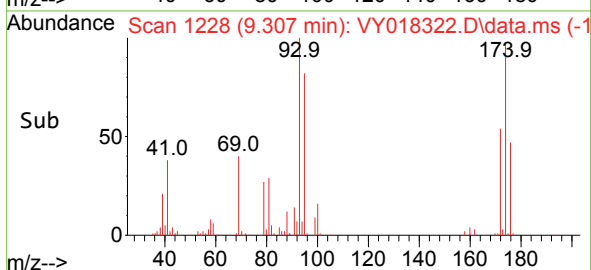
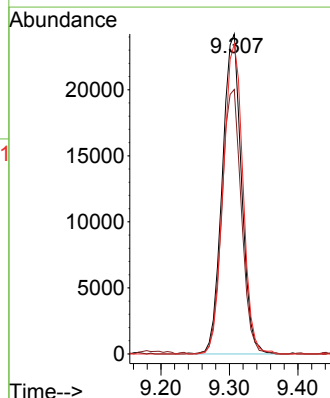
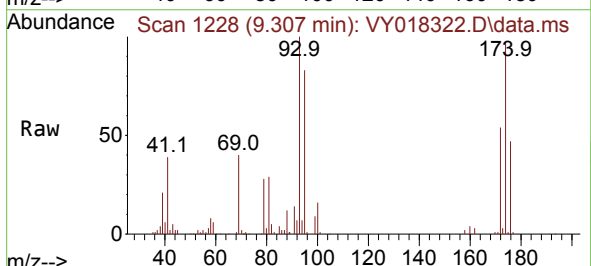
Tgt Ion: 93 Resp: 47162

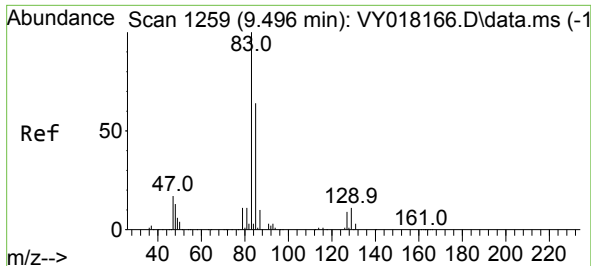
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 98.7 80.9 121.3

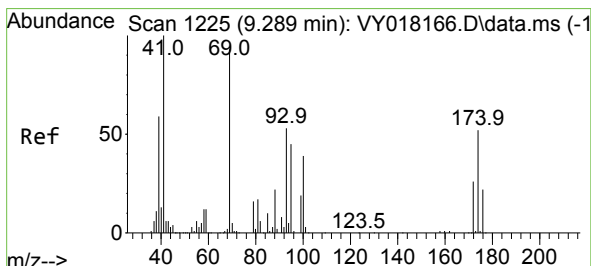
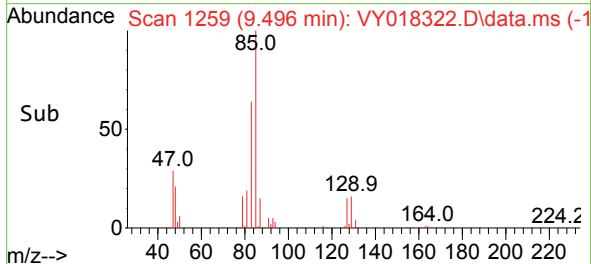
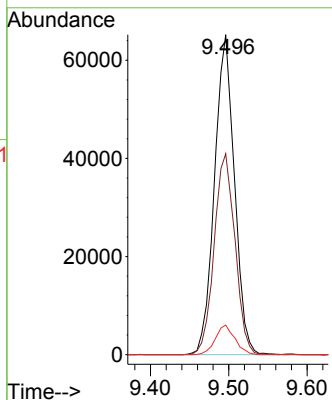
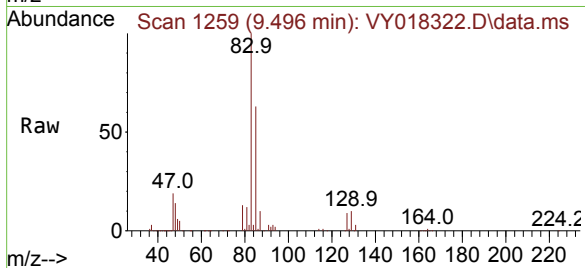




#47
Bromodichloromethane
Concen: 44.577 ug/l
RT: 9.496 min Scan# 115519
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

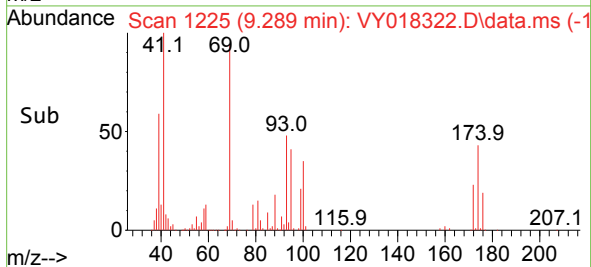
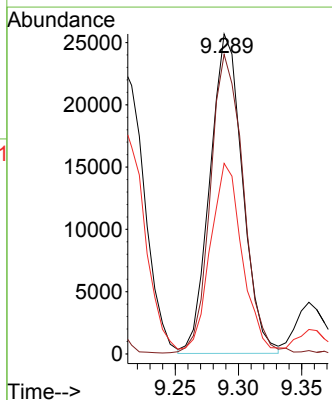
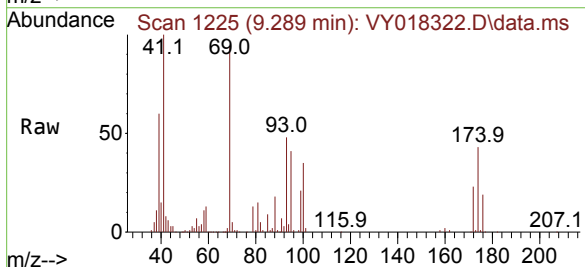
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

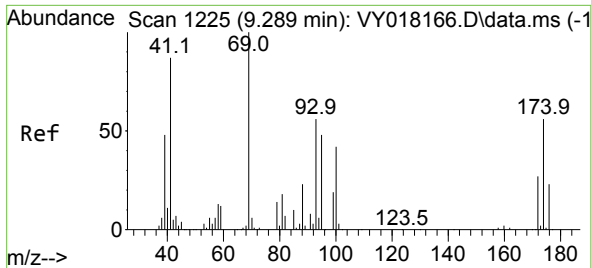
Tgt Ion: 83 Resp: 115519
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 44.889 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 41 Resp: 46021
Ion Ratio Lower Upper
41 100
69 93.7 84.1 126.1
39 56.0 43.6 65.4

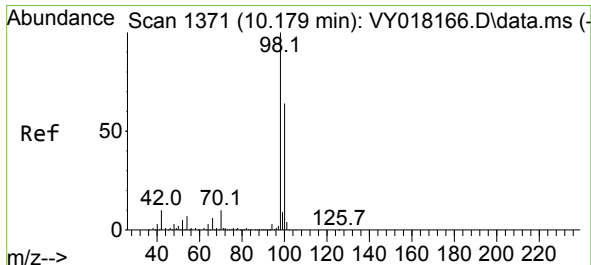
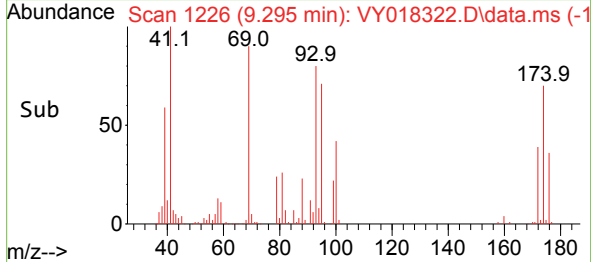
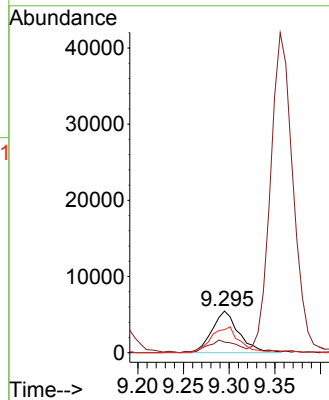
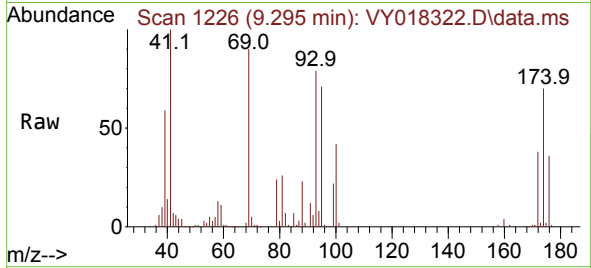




#49
1,4-Dioxane
Concen: 803.562 ug/l
RT: 9.295 min Scan# 11181
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

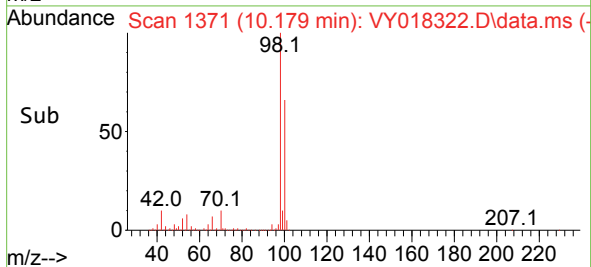
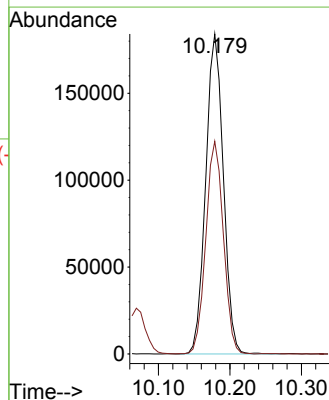
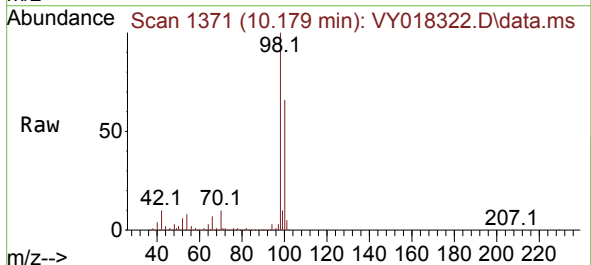
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

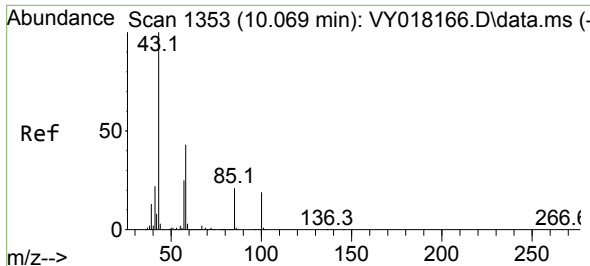
Tgt Ion: 88 Resp: 11181
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 64.0 49.3 73.9



#50
Toluene-d8
Concen: 44.258 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 98 Resp: 315451
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

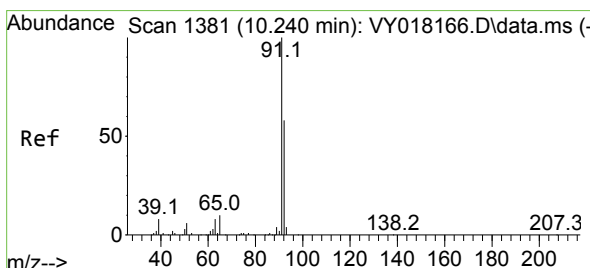
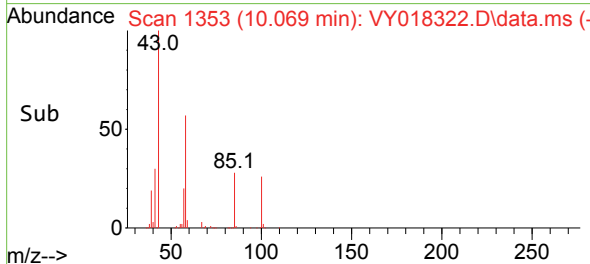
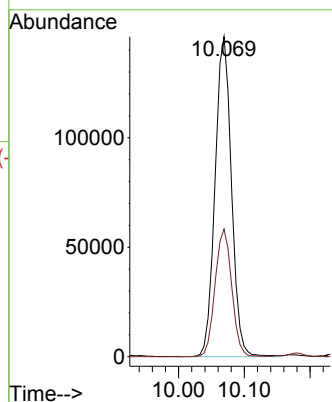
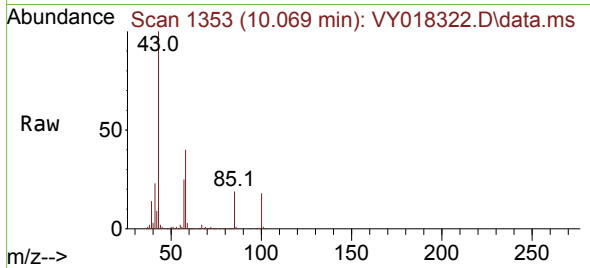




#51
4-Methyl-2-Pentanone
Concen: 225.593 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

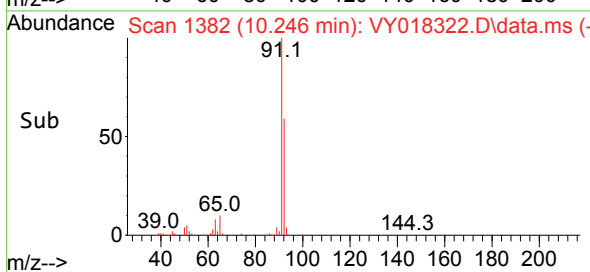
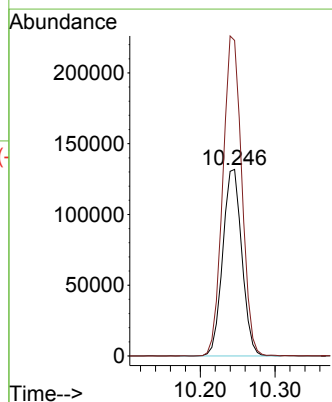
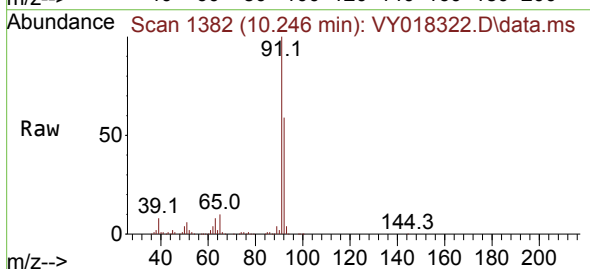
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

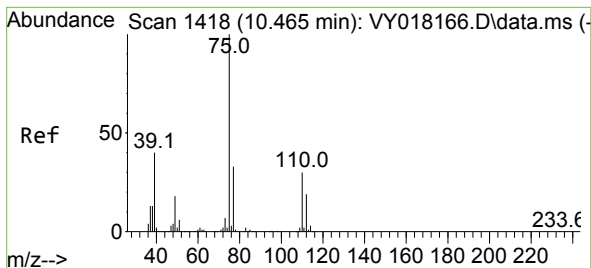
Tgt Ion: 43 Resp: 253636
Ion Ratio Lower Upper
43 100
58 40.5 35.7 53.5



#52
Toluene
Concen: 43.498 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 92 Resp: 233555
Ion Ratio Lower Upper
92 100
91 170.7 139.0 208.6

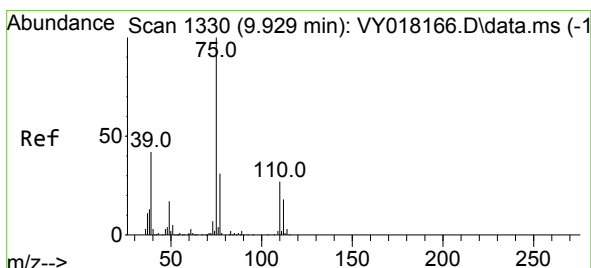
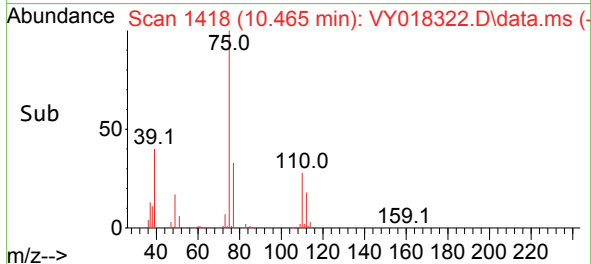
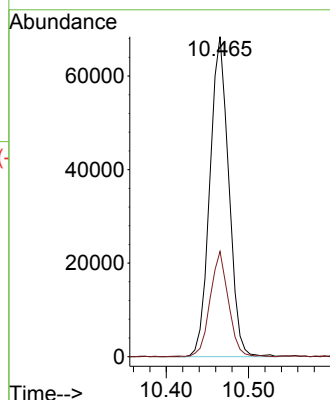
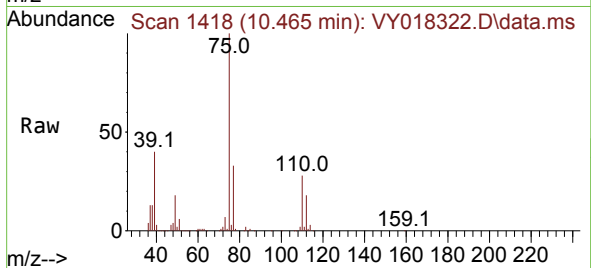




#53
t-1,3-Dichloropropene
Concen: 45.151 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

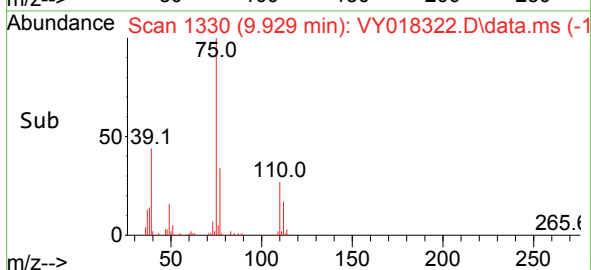
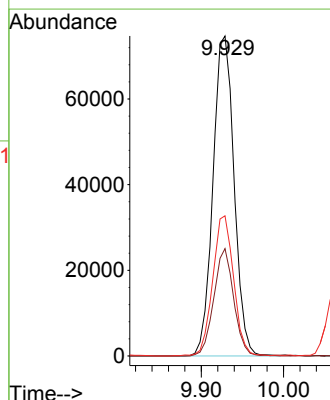
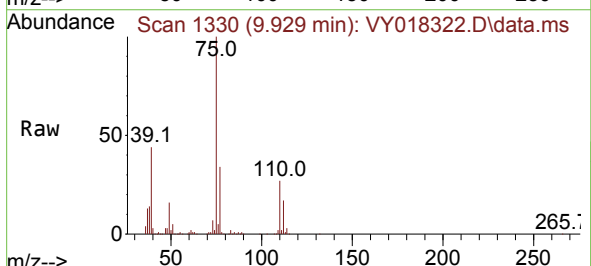
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

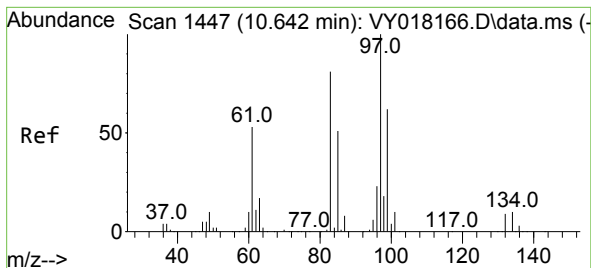
Tgt Ion: 75 Resp: 109292
Ion Ratio Lower Upper
75 100
77 32.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 45.089 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 75 Resp: 133413
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0
39 43.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 43.513 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 62659

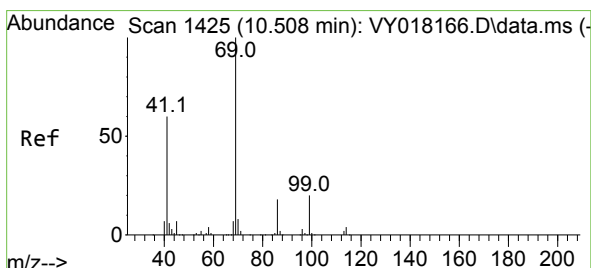
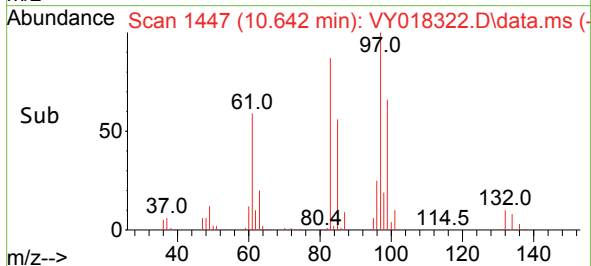
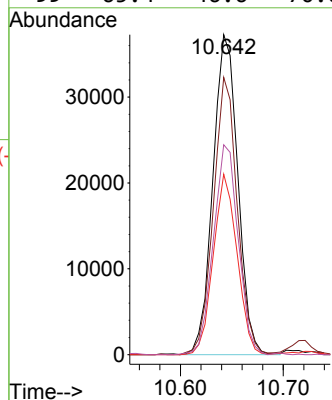
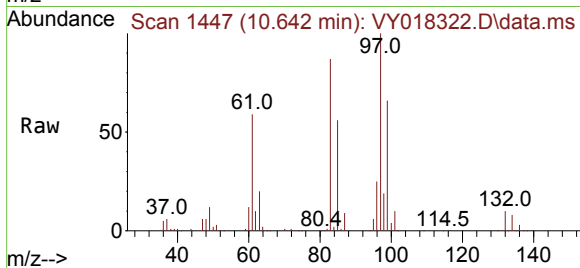
Ion Ratio Lower Upper

97 100

83 86.6 67.5 101.3

85 56.4 42.9 64.3

99 65.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 42.637 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

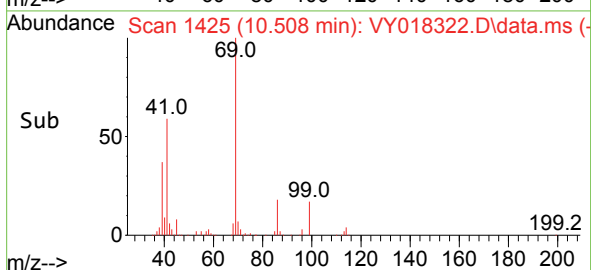
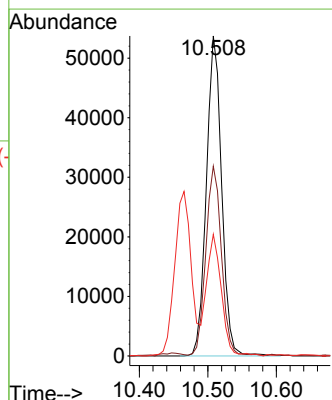
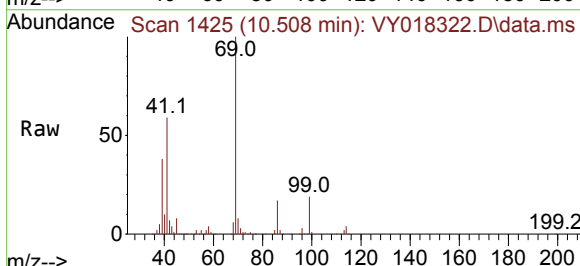
Tgt Ion: 69 Resp: 83387

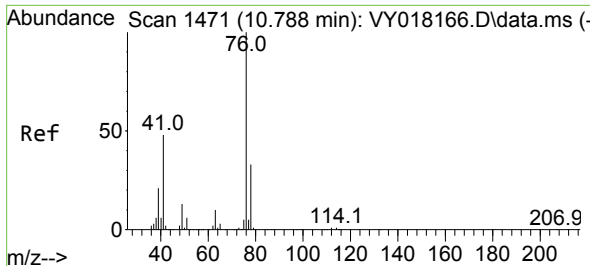
Ion Ratio Lower Upper

69 100

41 60.4 42.3 63.5

39 36.3 22.9 34.3#

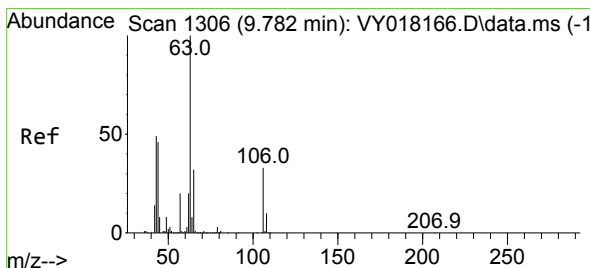
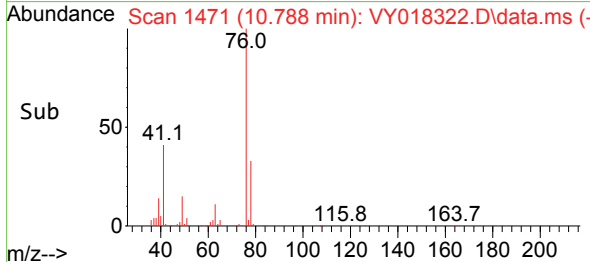
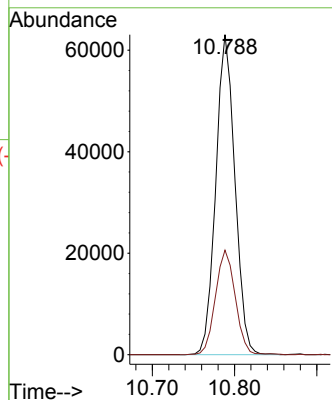
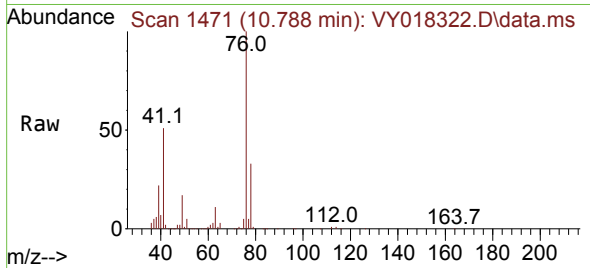




#57
1,3-Dichloropropane
Concen: 43.477 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

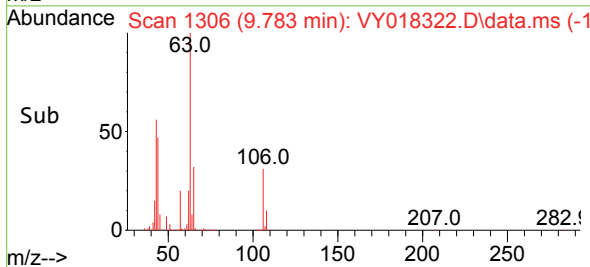
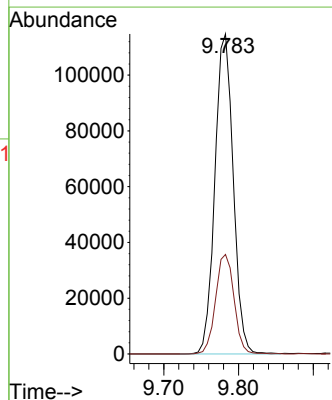
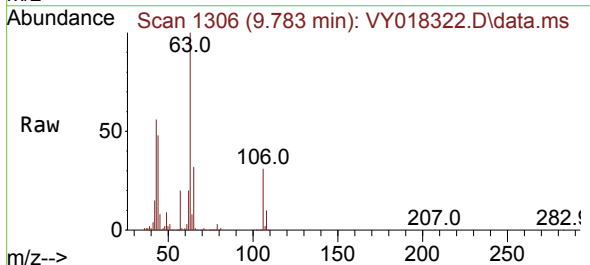
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

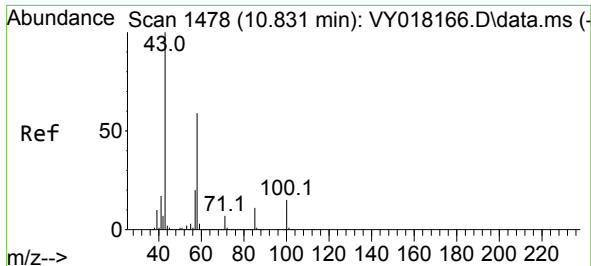
Tgt Ion: 76 Resp: 101894
Ion Ratio Lower Upper
76 100
78 33.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 209.432 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 63 Resp: 195582
Ion Ratio Lower Upper
63 100
106 31.3 23.7 35.5

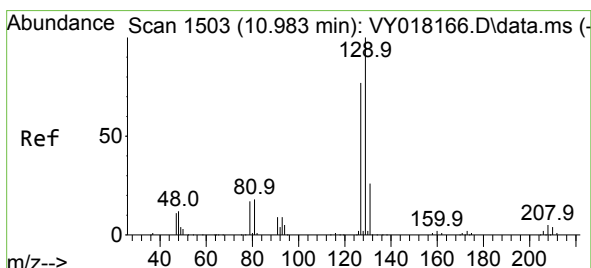
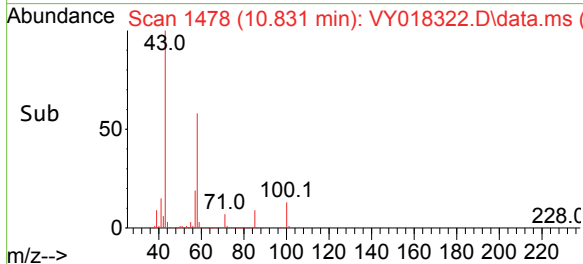
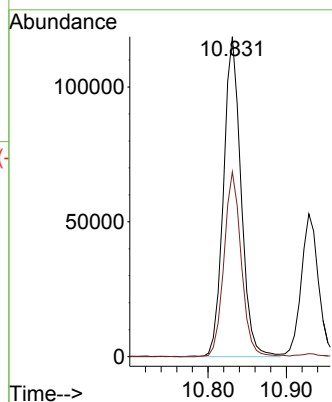
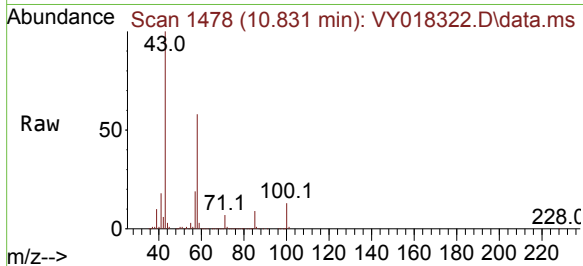




#59
2-Hexanone
Concen: 234.780 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

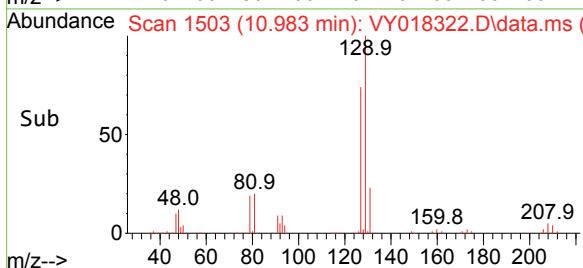
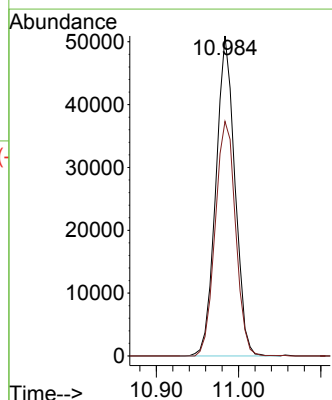
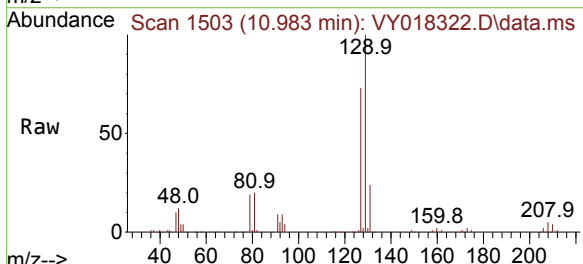
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

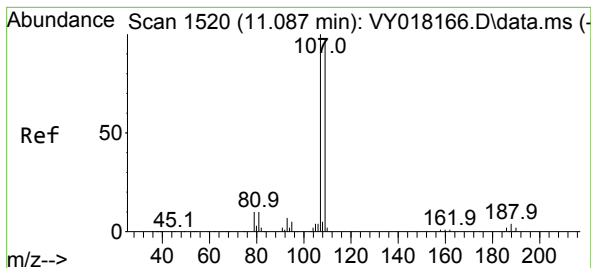
Tgt Ion: 43 Resp: 184566
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 43.863 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion:129 Resp: 81949
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

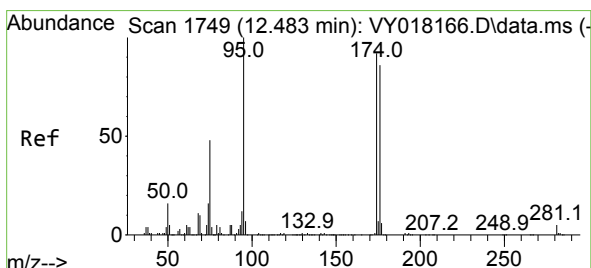
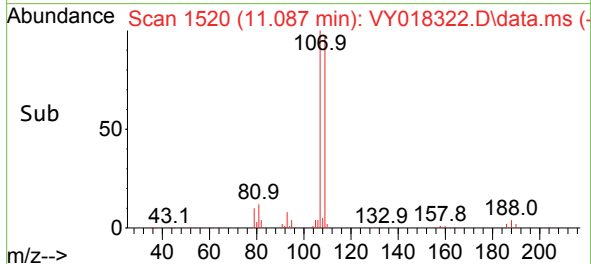
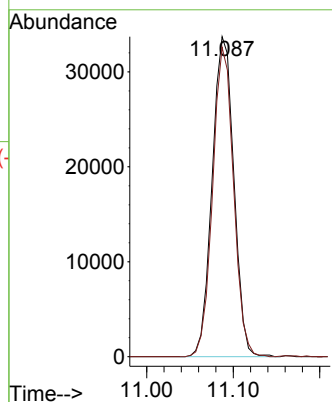
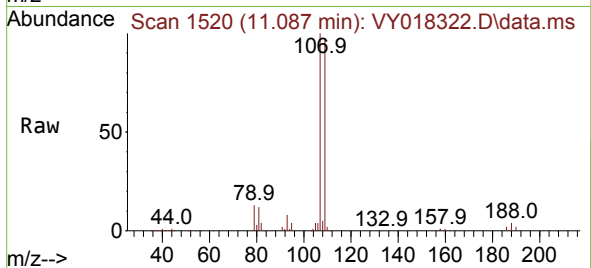




#61
1,2-Dibromoethane
Concen: 43.170 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

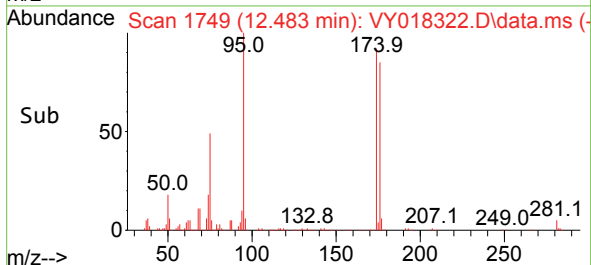
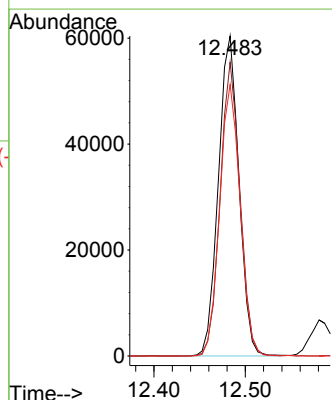
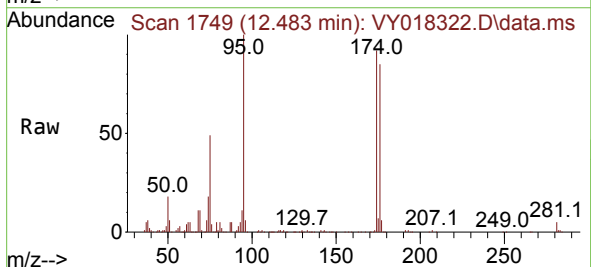
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

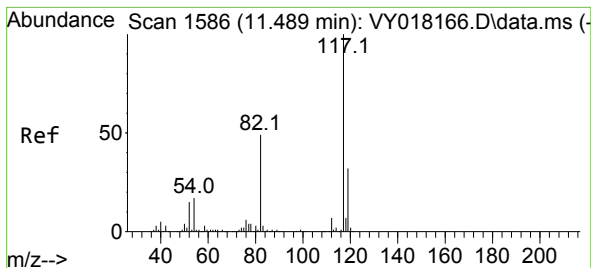
Tgt Ion:107 Resp: 58553
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 40.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 95 Resp: 94370
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 84.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

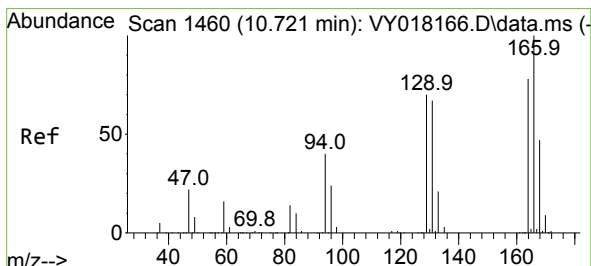
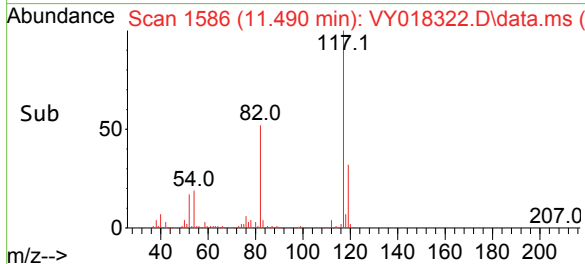
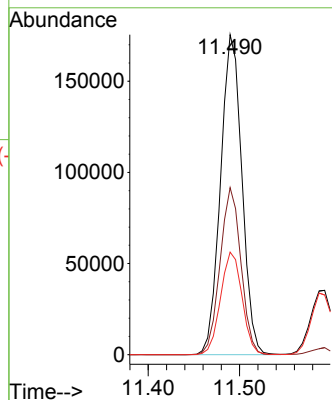
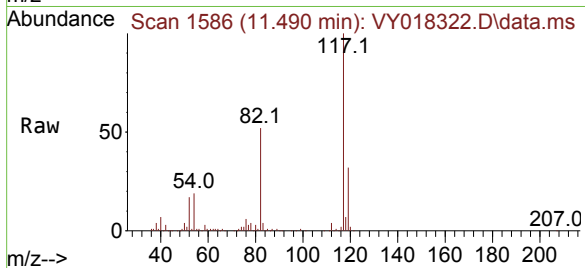
Tgt Ion:117 Resp: 285581

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 46.010 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Tgt Ion:164 Resp: 87485

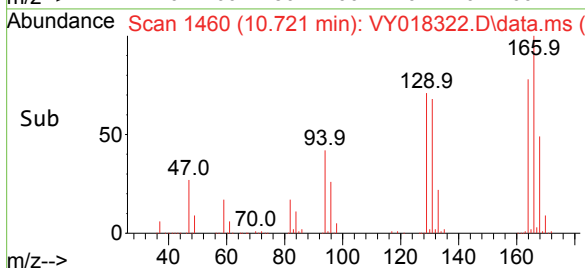
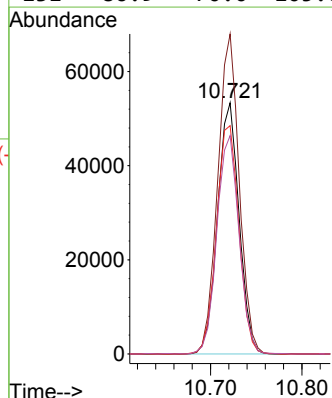
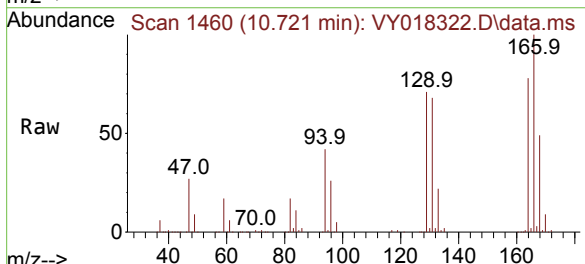
Ion Ratio Lower Upper

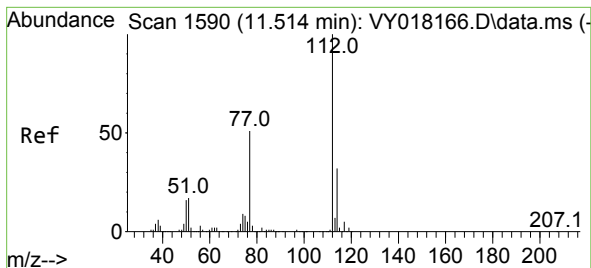
164 100

166 127.4 102.6 154.0

129 90.9 72.0 108.0

131 86.9 70.0 105.0

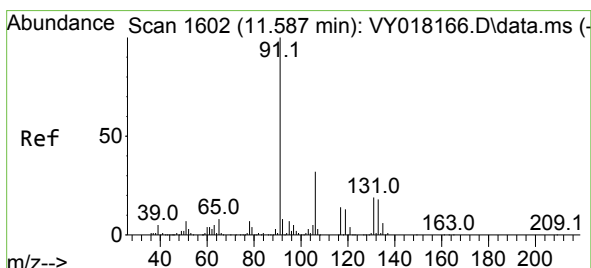
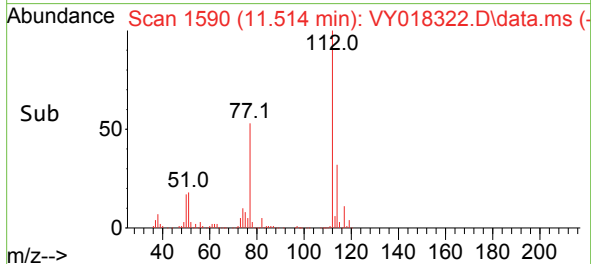
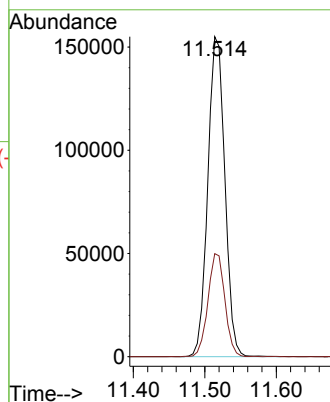
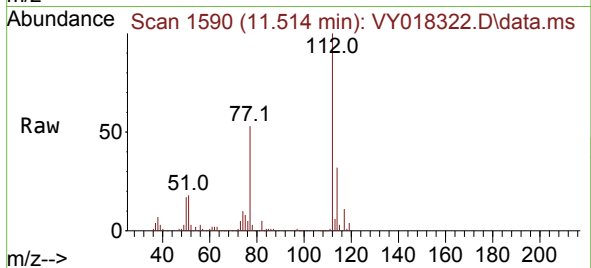




#65
Chlorobenzene
Concen: 44.157 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

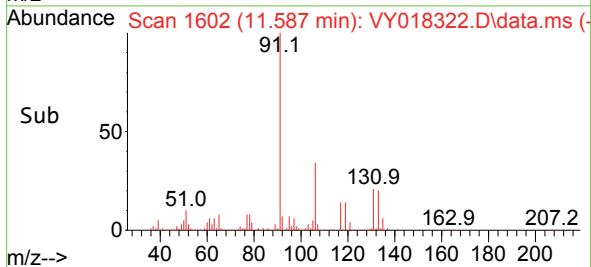
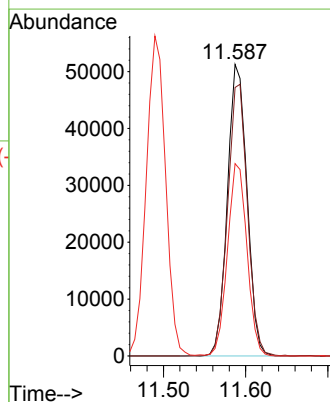
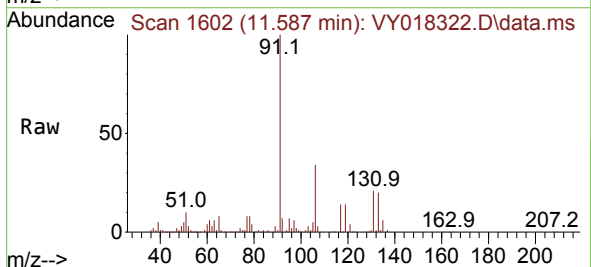
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

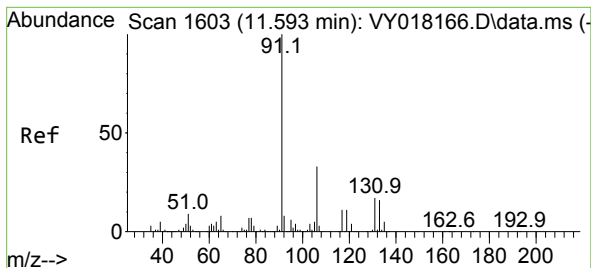
Tgt Ion:112 Resp: 256835
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 44.993 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion:131 Resp: 84650
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 44.712 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

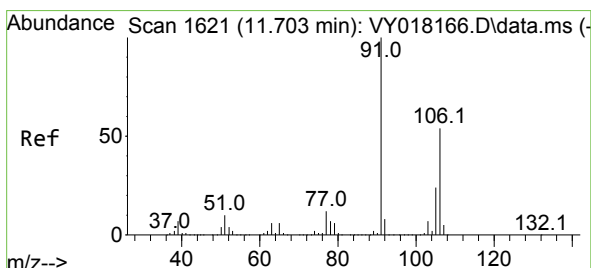
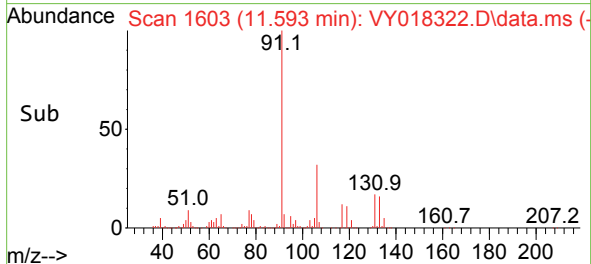
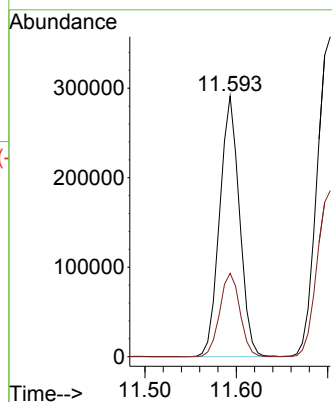
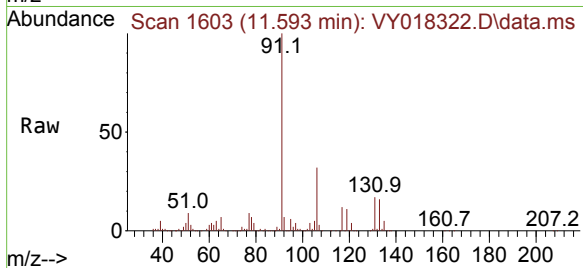
VSTDCCC050

Tgt Ion: 91 Resp: 439095

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 89.201 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018322.D

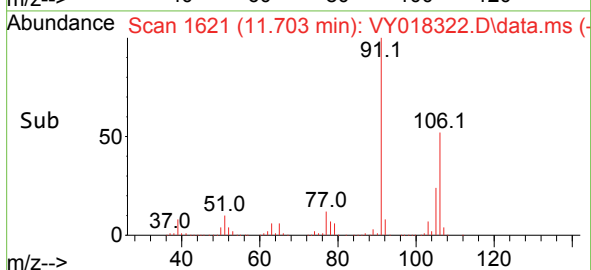
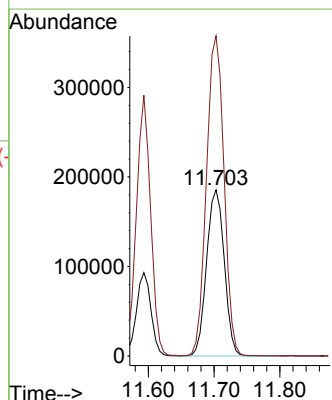
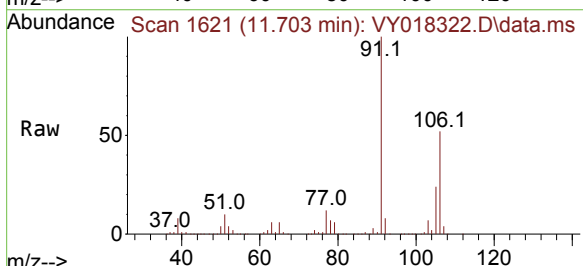
Acq: 20 May 2024 09:50

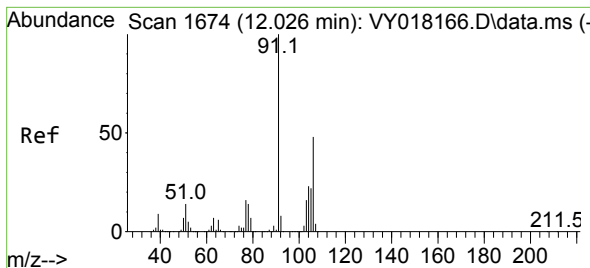
Tgt Ion: 106 Resp: 346419

Ion Ratio Lower Upper

106 100

91 191.4 156.0 234.0





#69

o-Xylene

Concen: 44.105 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

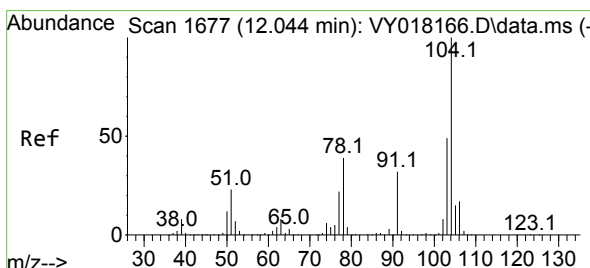
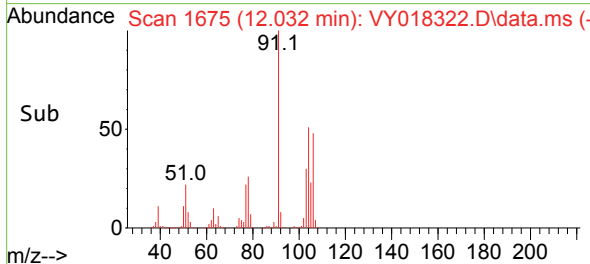
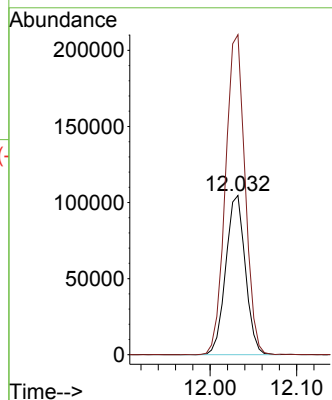
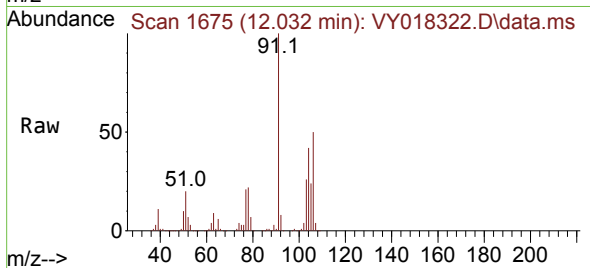
VSTDCCC050

Tgt Ion:106 Resp: 164376

Ion Ratio Lower Upper

106 100

91 201.5 103.6 310.8



#70

Styrene

Concen: 44.237 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

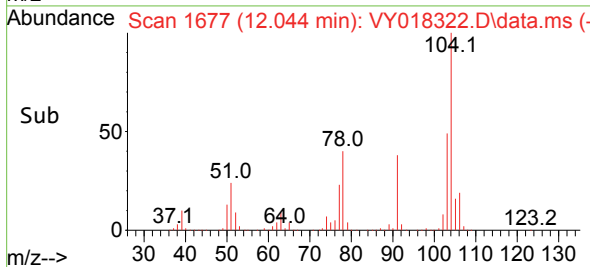
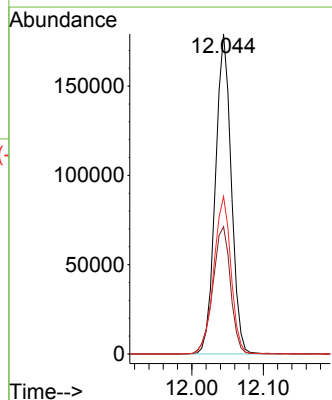
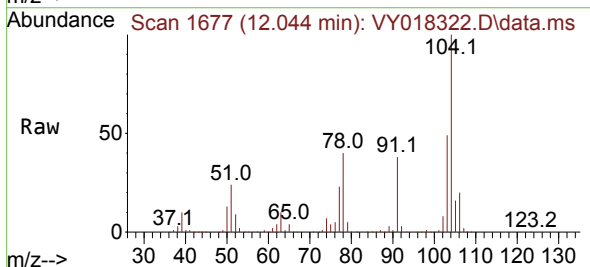
Tgt Ion:104 Resp: 275329

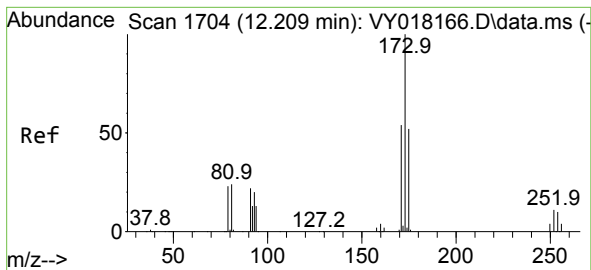
Ion Ratio Lower Upper

104 100

78 44.7 37.0 55.4

103 53.1 44.2 66.2





#71

Bromoform

Concen: 43.404 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

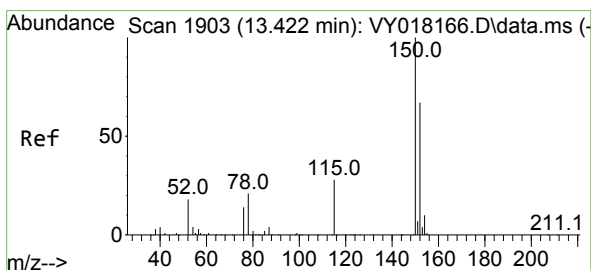
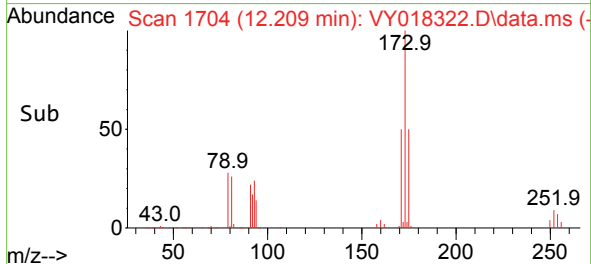
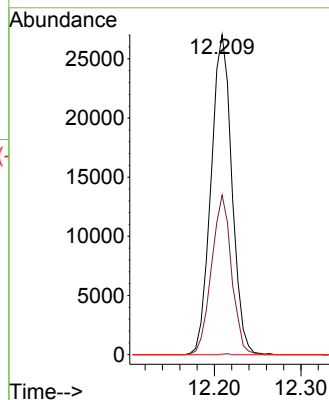
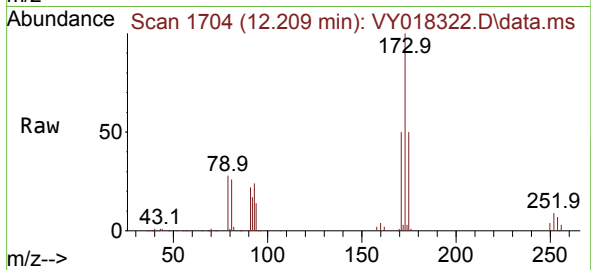
Tgt Ion:173 Resp: 45182

Ion Ratio Lower Upper

173 100

175 47.9 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

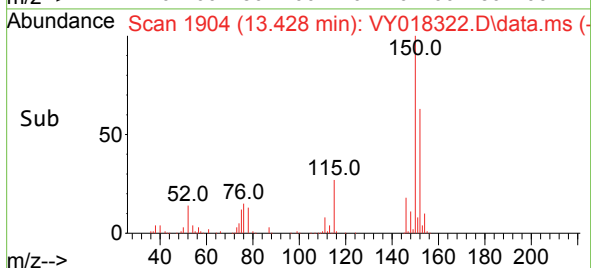
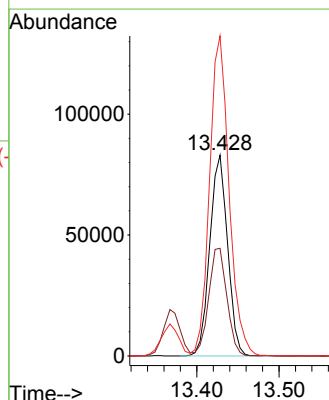
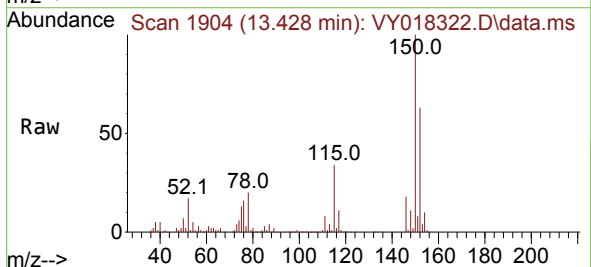
Tgt Ion:152 Resp: 125189

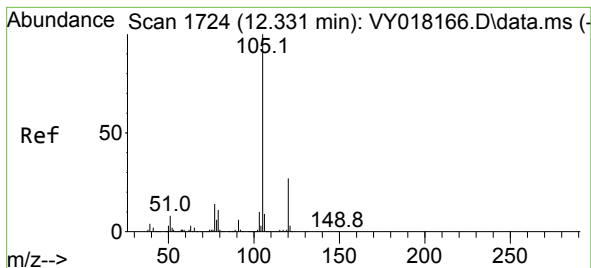
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 174.2 0.0 345.6





#73

Isopropylbenzene

Concen: 45.596 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

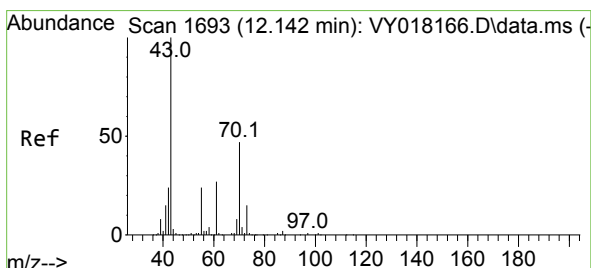
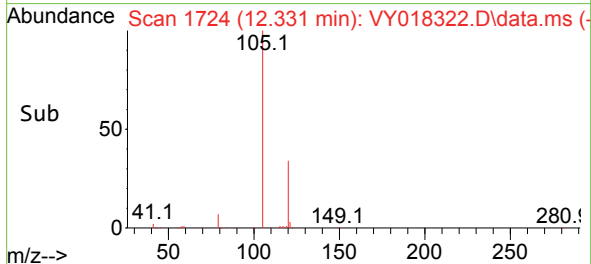
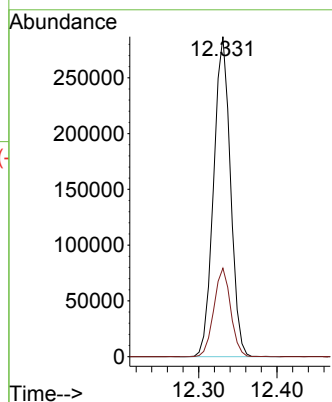
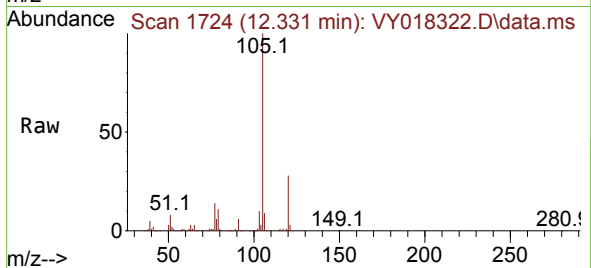
VSTDCCC050

Tgt Ion:105 Resp: 427971

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 44.257 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Tgt Ion: 43 Resp: 86232

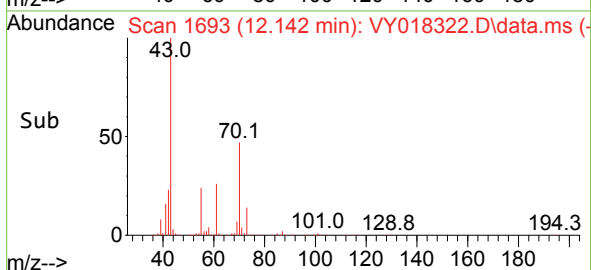
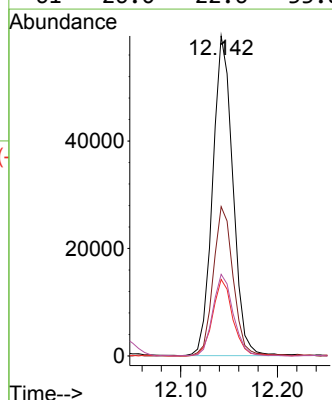
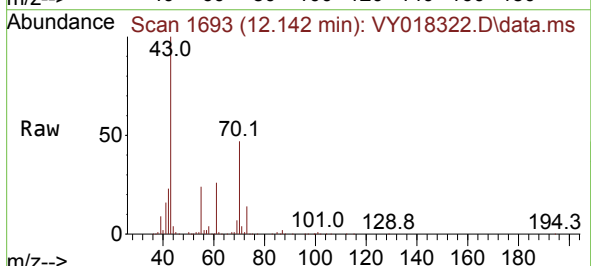
Ion Ratio Lower Upper

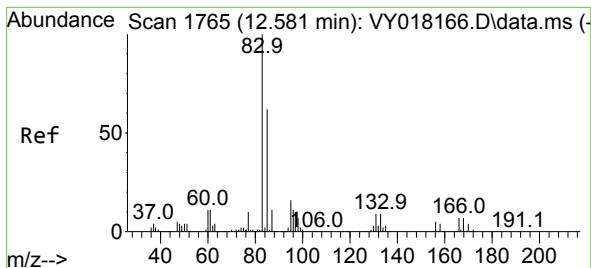
43 100

70 46.3 41.4 62.2

55 24.0 23.3 34.9

61 26.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 43.978 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

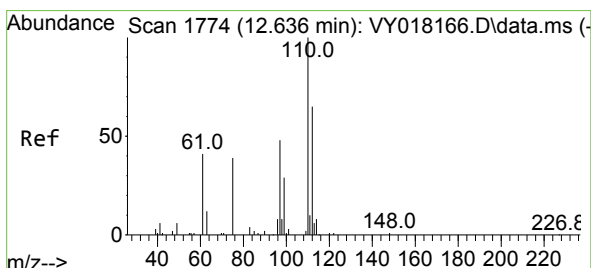
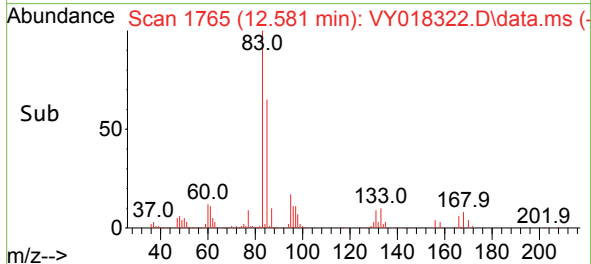
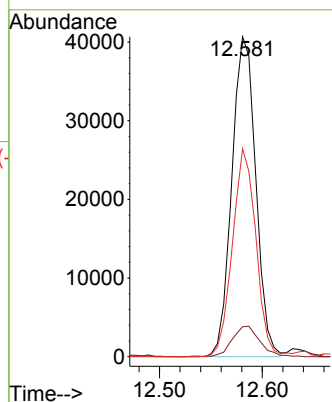
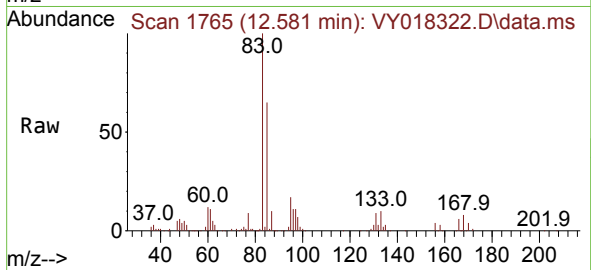
Tgt Ion: 83 Resp: 65848

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 83.184 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018322.D

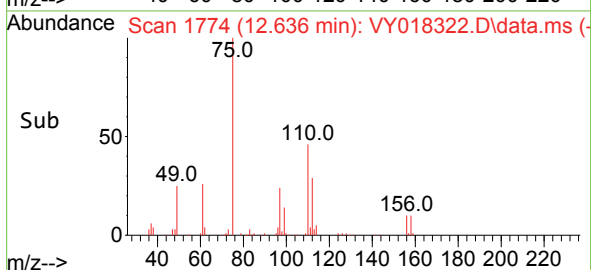
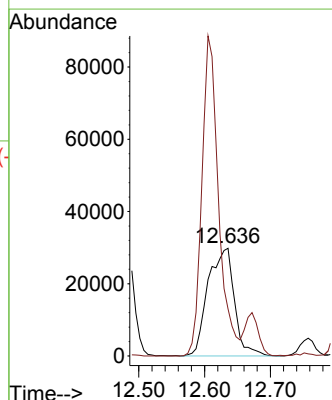
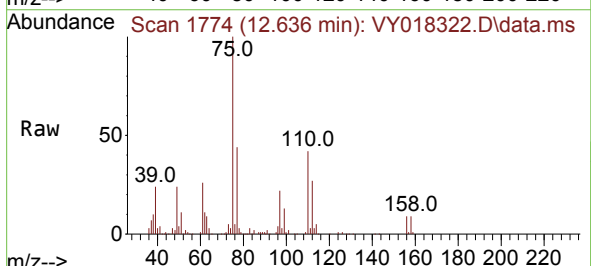
Acq: 20 May 2024 09:50

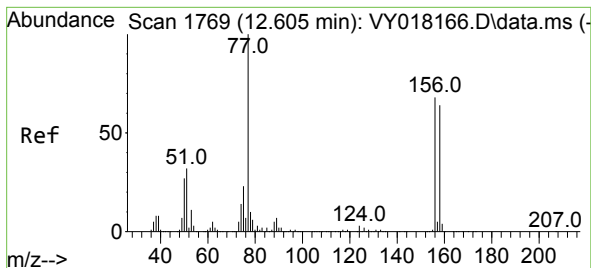
Tgt Ion: 75 Resp: 83355

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.745 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

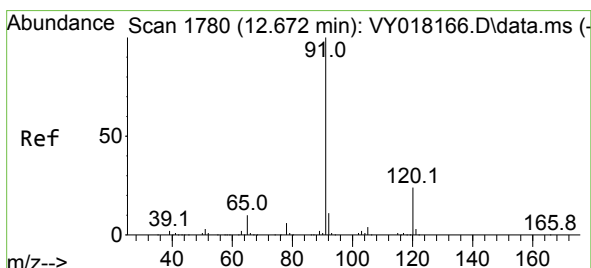
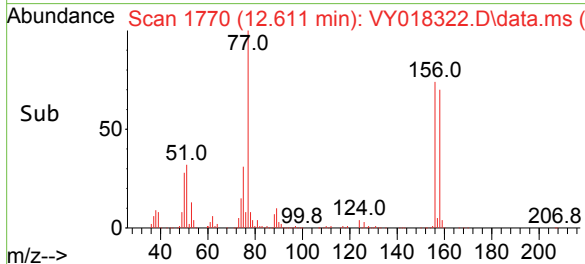
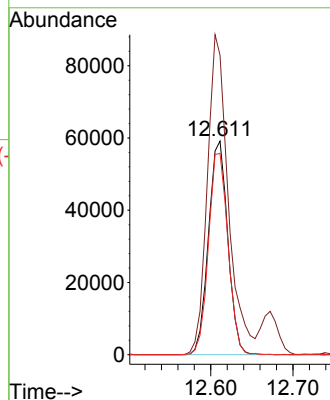
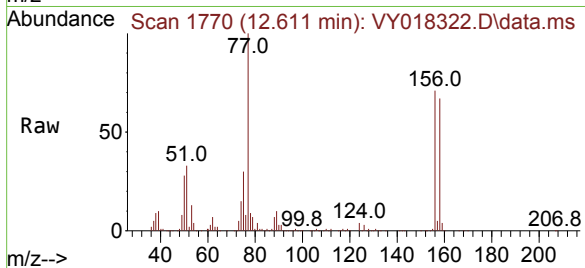
Tgt Ion:156 Resp: 96483

Ion Ratio Lower Upper

156 100

77 162.6 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 45.557 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018322.D

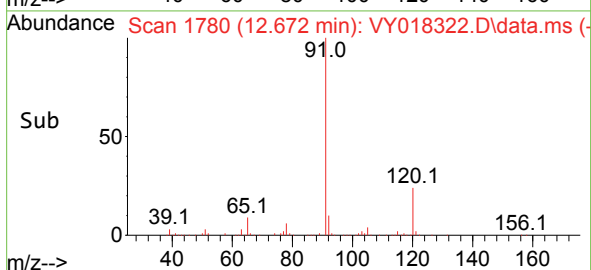
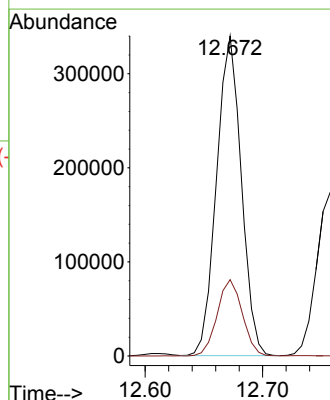
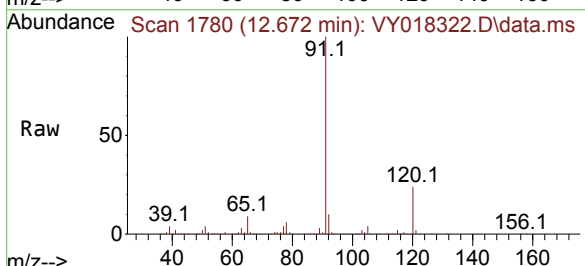
Acq: 20 May 2024 09:50

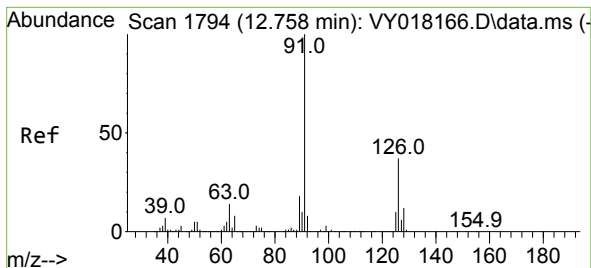
Tgt Ion: 91 Resp: 497362

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

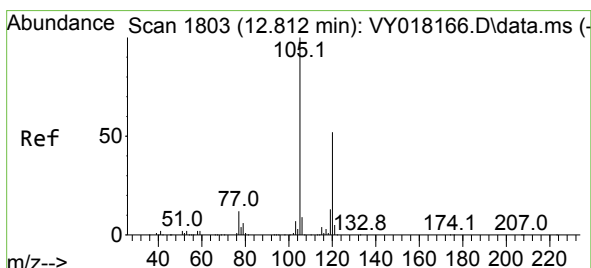
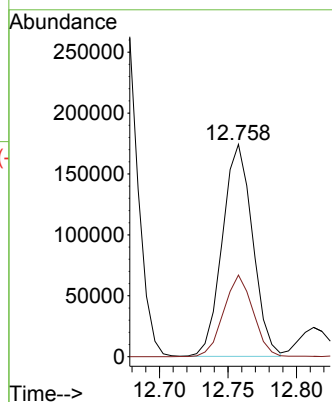
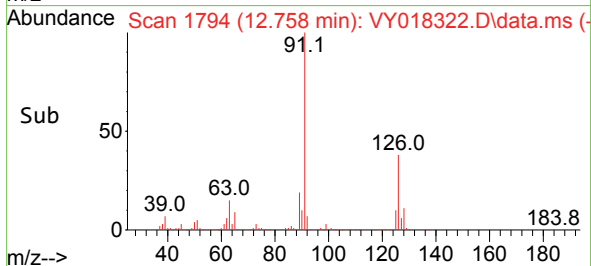
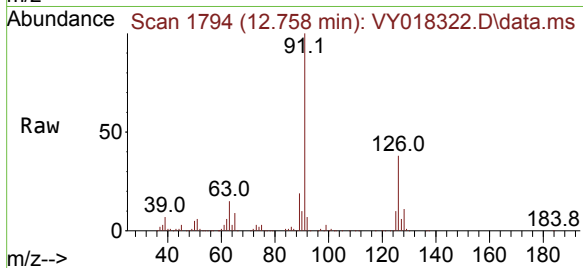




#79
2-Chlorotoluene
Concen: 44.168 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

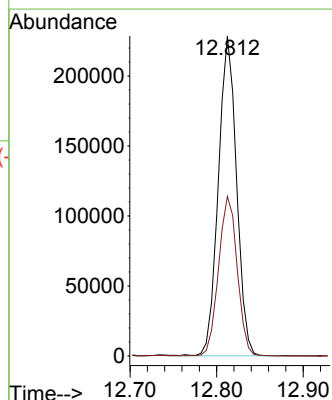
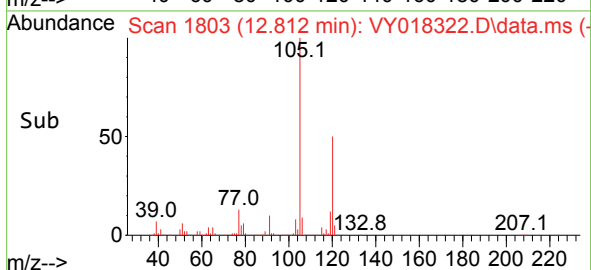
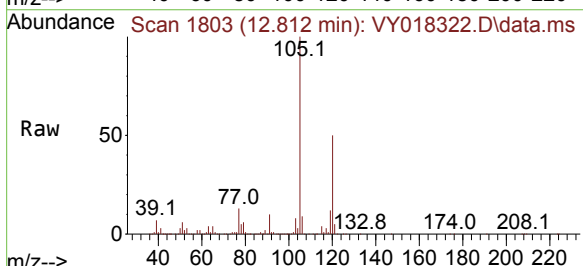
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

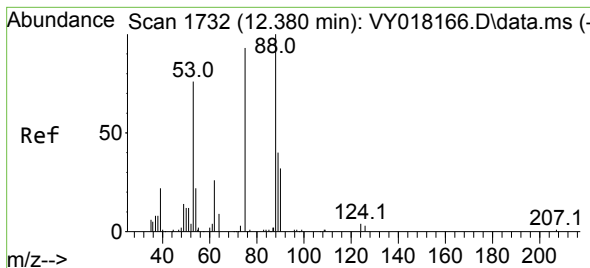
Tgt Ion: 91 Resp: 267958
Ion Ratio Lower Upper
91 100
126 37.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.979 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 105 Resp: 332900
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.2

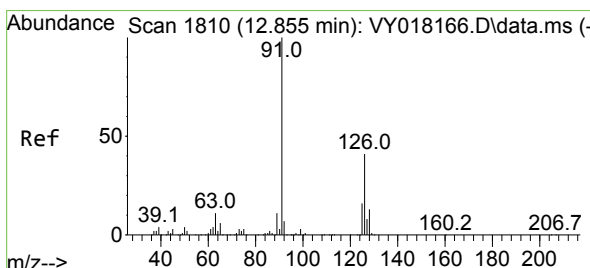
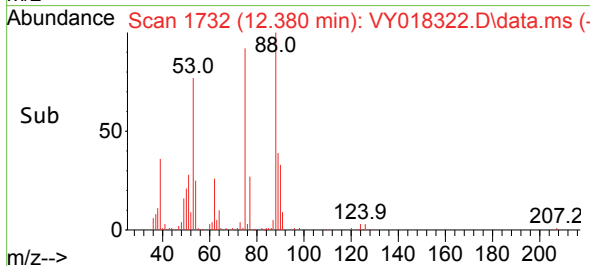
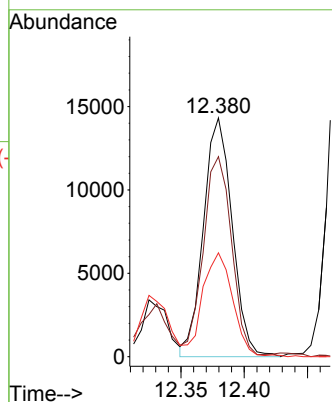
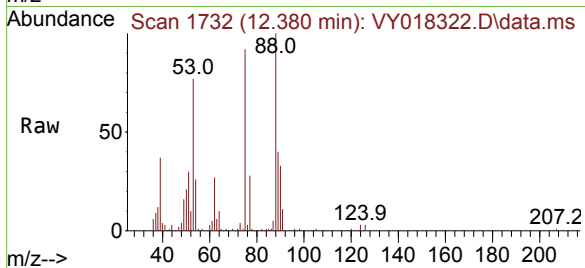




#81
trans-1,4-Dichloro-2-butene
Concen: 43.551 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

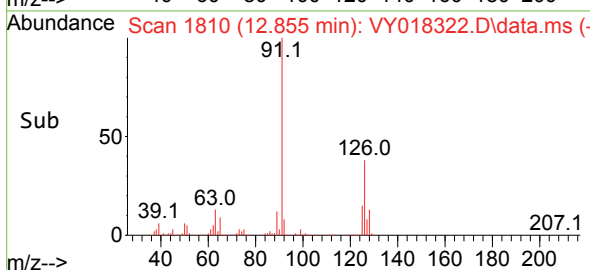
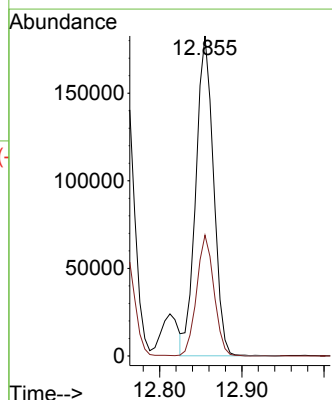
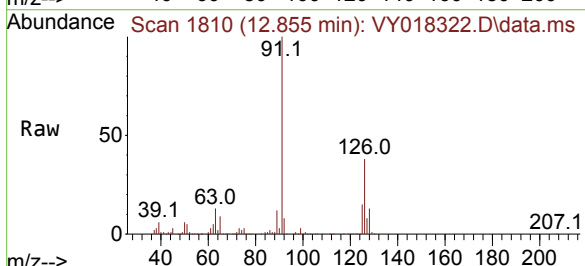
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

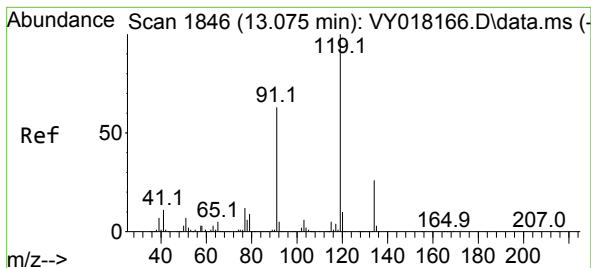
Tgt Ion: 75 Resp: 22651
Ion Ratio Lower Upper
75 100
53 81.5 66.8 100.2
89 45.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 44.633 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018322.D
Acq: 20 May 2024 09:50

Tgt Ion: 91 Resp: 271992
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 45.434 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

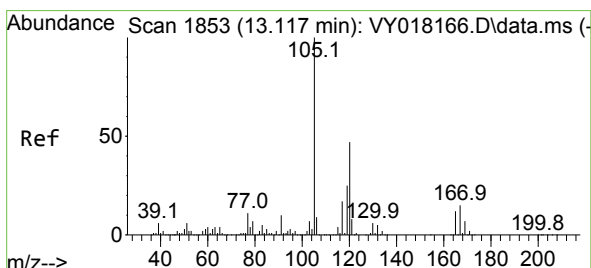
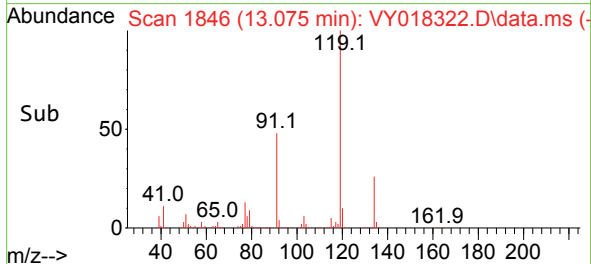
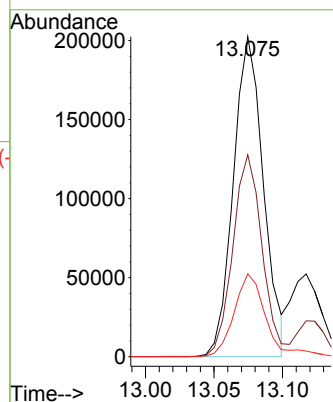
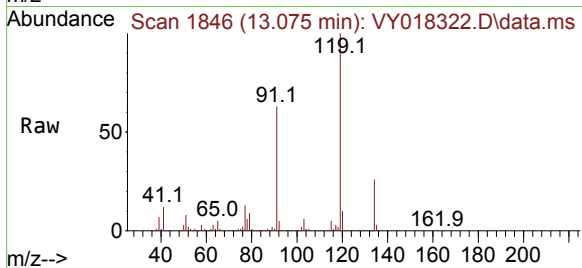
Tgt Ion:119 Resp: 310168

Ion Ratio Lower Upper

119 100

91 61.7 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.960 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018322.D

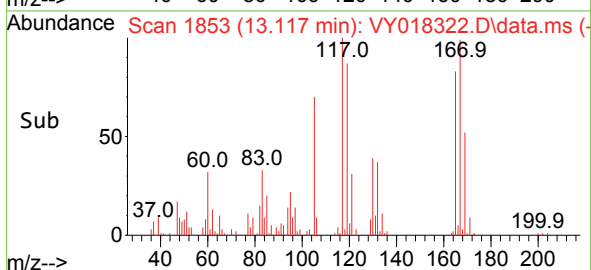
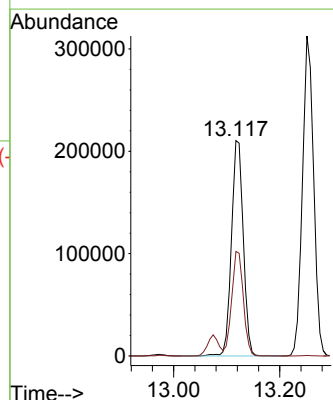
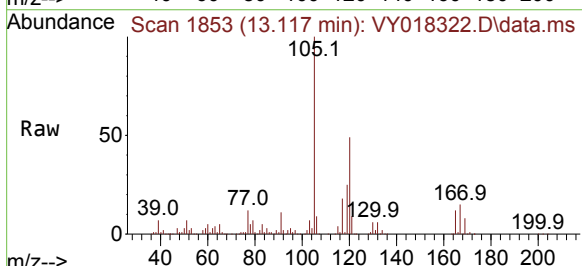
Acq: 20 May 2024 09:50

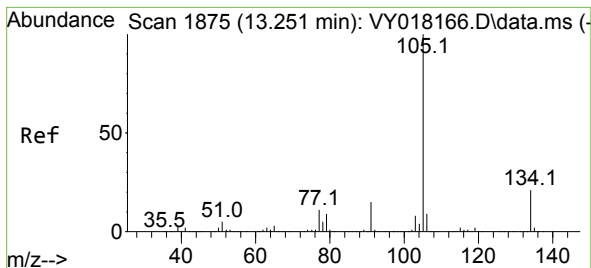
Tgt Ion:105 Resp: 325961

Ion Ratio Lower Upper

105 100

120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.598 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

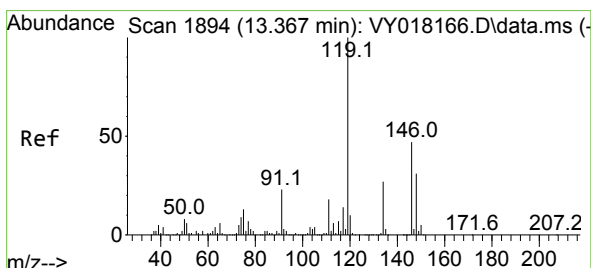
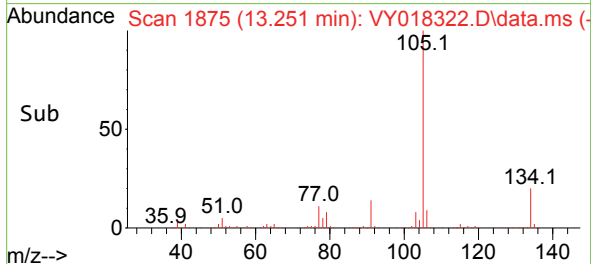
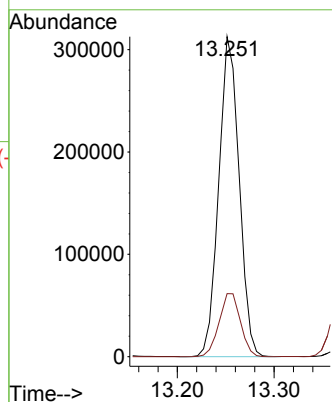
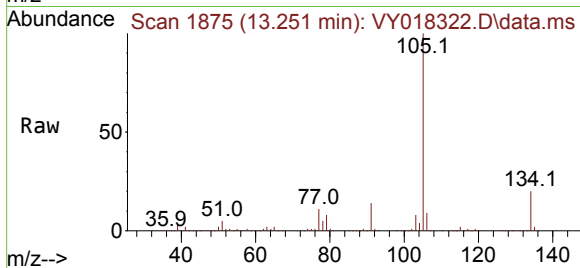
VSTDCCC050

Tgt Ion:105 Resp: 456613

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 45.171 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

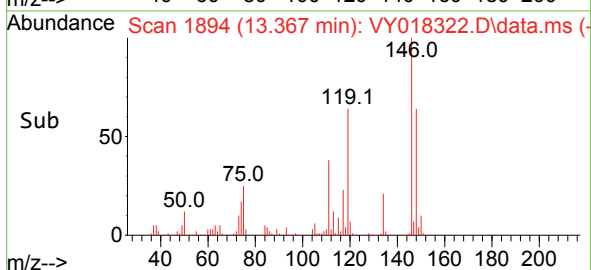
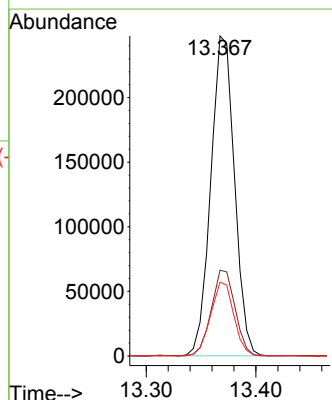
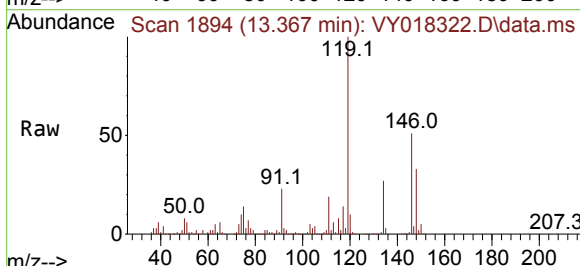
Tgt Ion:119 Resp: 372109

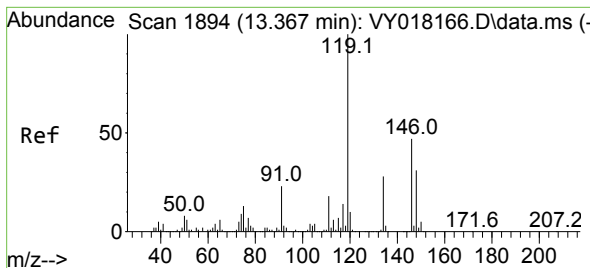
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.406 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

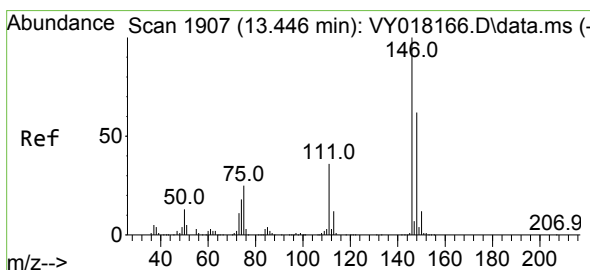
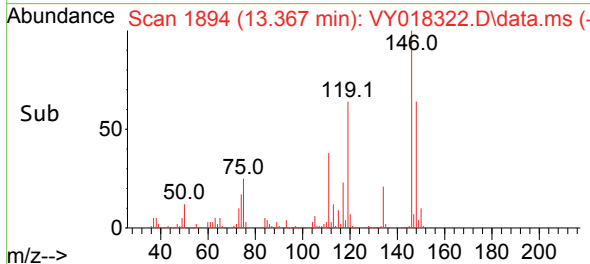
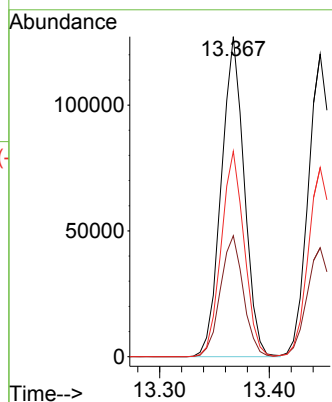
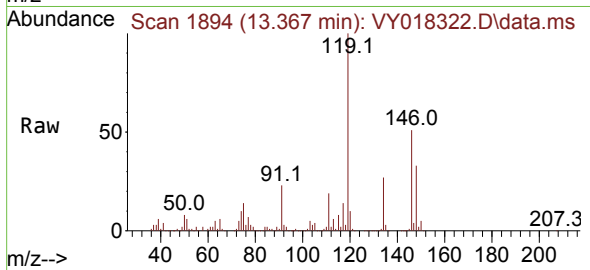
Tgt Ion:146 Resp: 184917

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 44.803 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

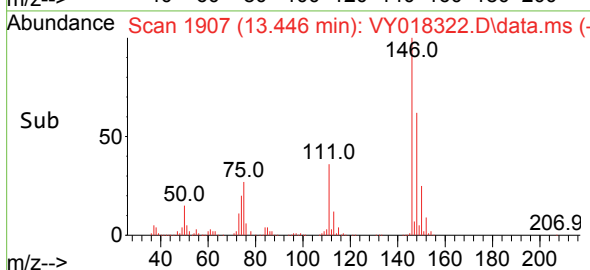
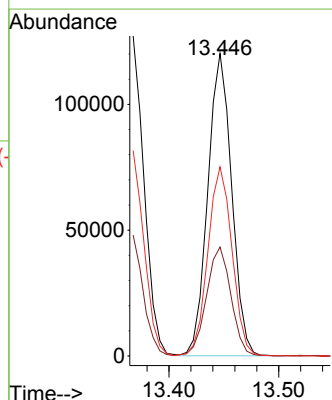
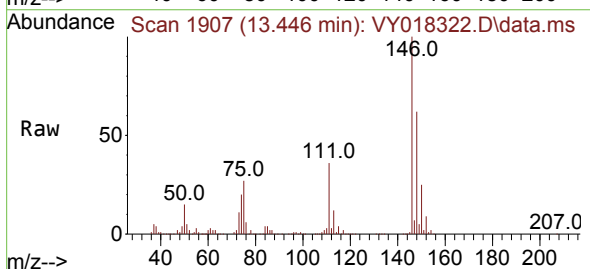
Tgt Ion:146 Resp: 181883

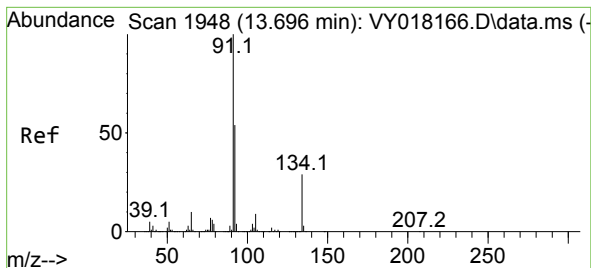
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 45.423 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

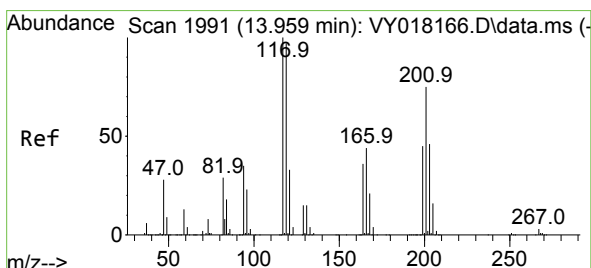
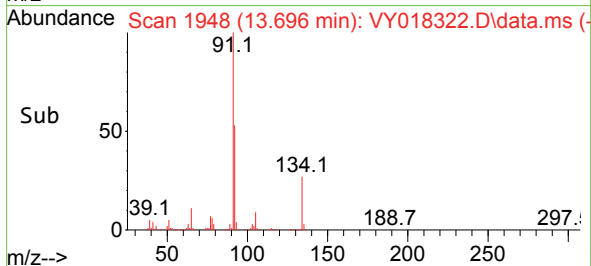
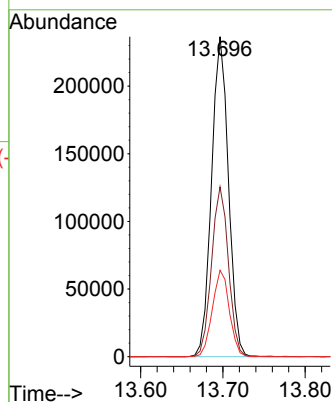
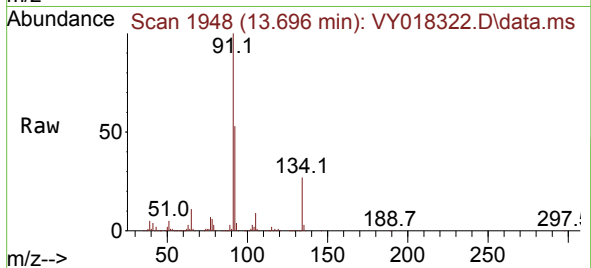
Tgt Ion: 91 Resp: 338642

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 27.1 12.9 38.7



#90

Hexachloroethane

Concen: 43.955 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018322.D

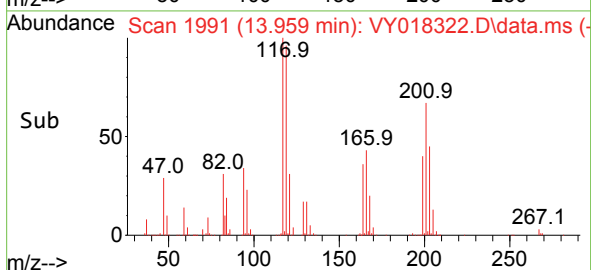
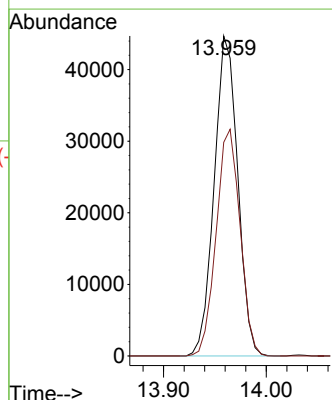
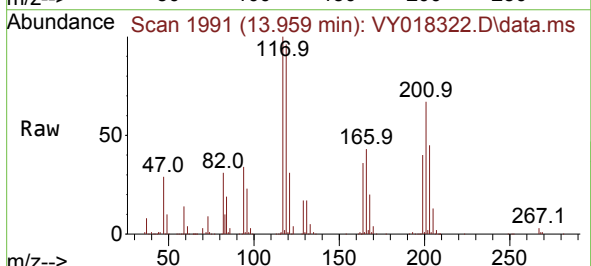
Acq: 20 May 2024 09:50

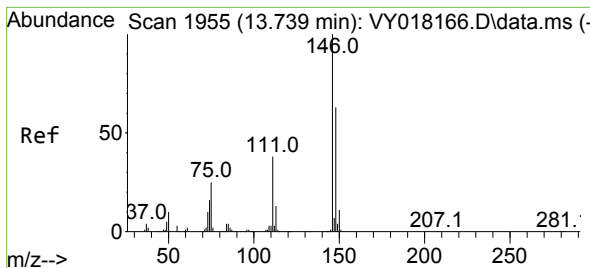
Tgt Ion: 117 Resp: 71037

Ion Ratio Lower Upper

117 100

201 72.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 44.041 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

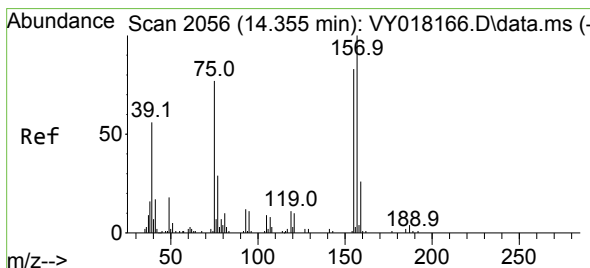
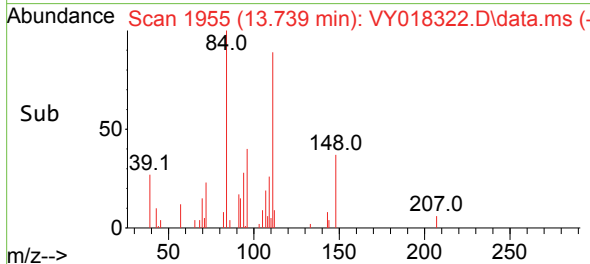
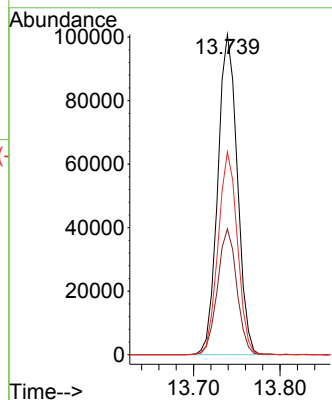
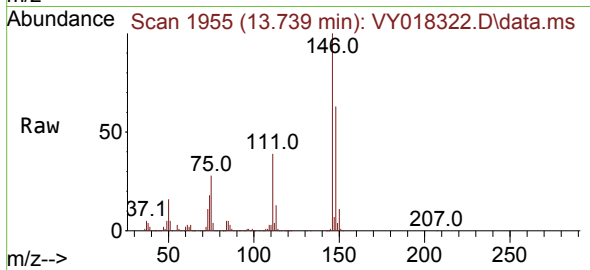
Tgt Ion:146 Resp: 157632

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.501 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

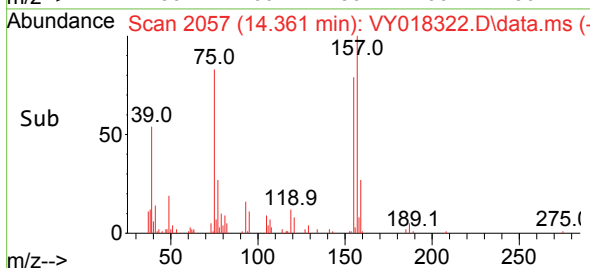
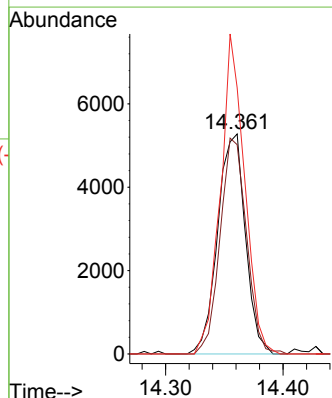
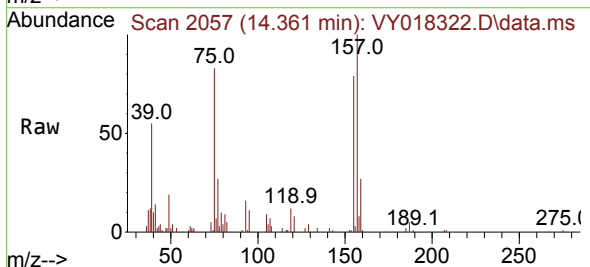
Tgt Ion: 75 Resp: 8665

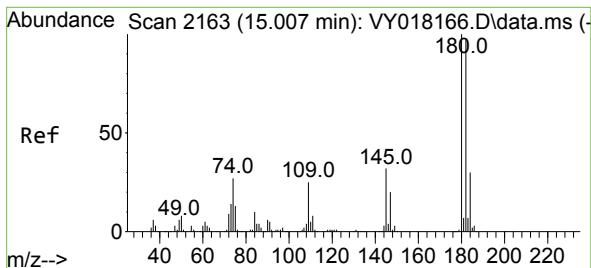
Ion Ratio Lower Upper

75 100

155 93.3 48.6 145.8

157 126.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 43.245 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

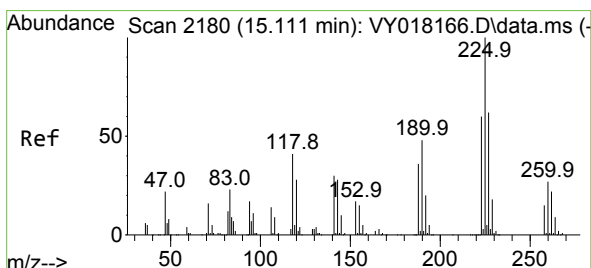
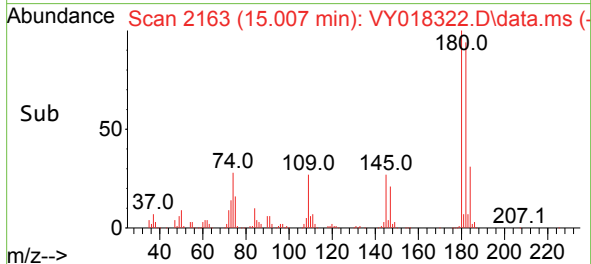
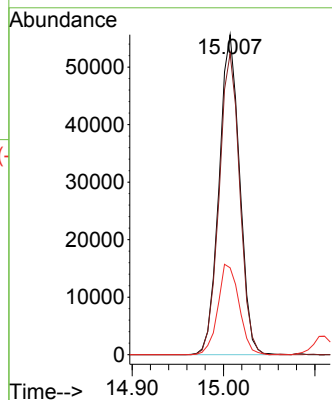
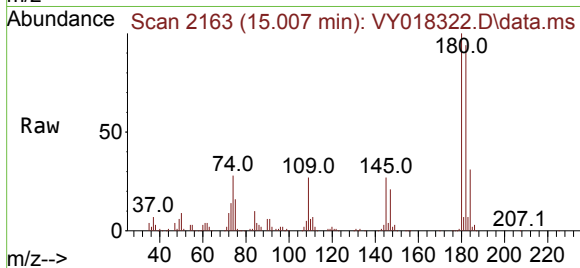
Tgt Ion:180 Resp: 87017

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.117 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

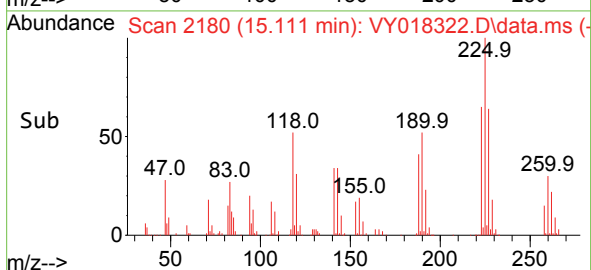
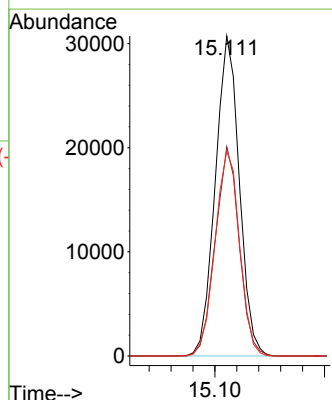
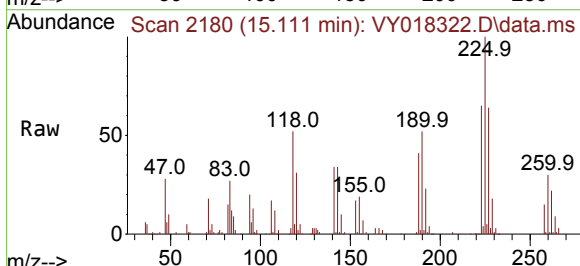
Tgt Ion:225 Resp: 46759

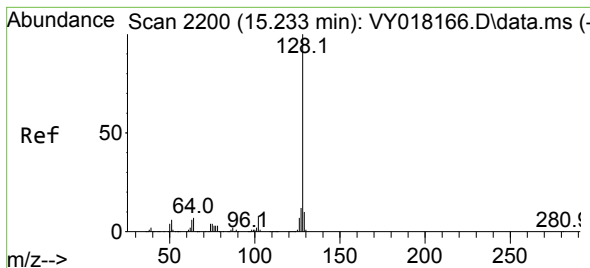
Ion Ratio Lower Upper

225 100

223 65.1 30.4 91.2

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 42.018 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

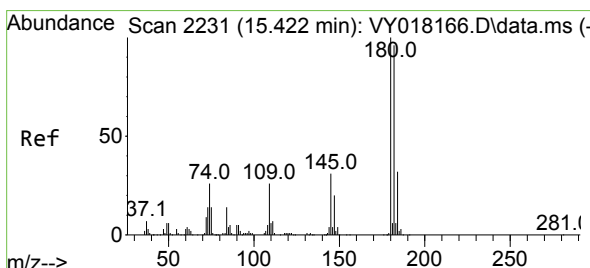
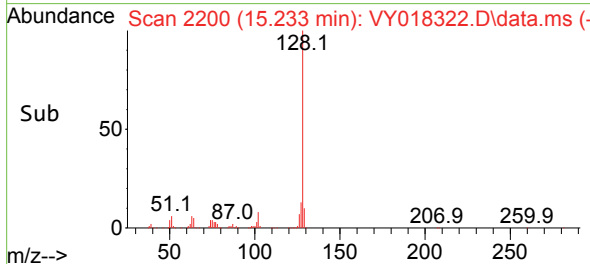
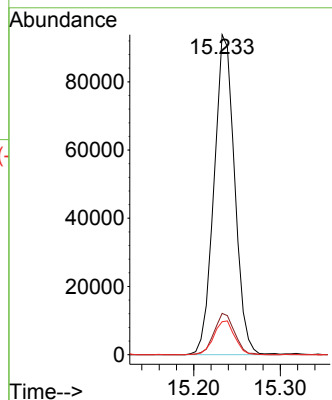
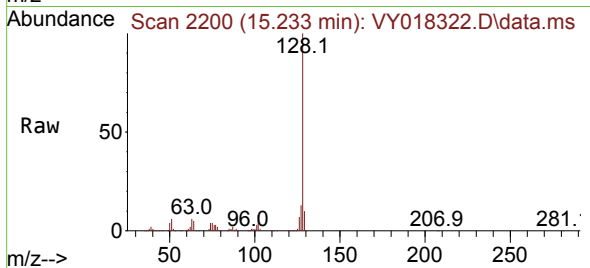
Tgt Ion:128 Resp: 154928

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.911 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018322.D

Acq: 20 May 2024 09:50

Tgt Ion:180 Resp: 70860

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 32.2 15.4 46.1

