

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014595.D
 Acq On : 07 Jul 2023 09:19
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 08 03:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	355018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	509455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	470392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	241170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169862	48.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.716	113	160804	51.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.520%
50) Toluene-d8	10.179	98	621532	50.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.477	95	204687	47.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	125066	49.099	ug/l	100
3) Chloromethane	2.113	50	187735	45.660	ug/l	98
4) Vinyl Chloride	2.247	62	222634	46.976	ug/l	95
5) Bromomethane	2.637	94	157579	42.880	ug/l	98
6) Chloroethane	2.784	64	142780	46.789	ug/l	95
7) Trichlorofluoromethane	3.119	101	265155	46.067	ug/l	100
8) Diethyl Ether	3.527	74	93139	42.736	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	167944	48.860	ug/l	96
10) Methyl Iodide	4.088	142	183816	46.863	ug/l	92
11) Tert butyl alcohol	4.942	59	123194	197.249	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	154060	46.266	ug/l	92
13) Acrolein	3.728	56	107735	229.951	ug/l	98
14) Allyl chloride	4.472	41	235925	47.007	ug/l	88
15) Acrylonitrile	5.155	53	281266	224.809	ug/l	98
16) Acetone	3.942	43	320200	290.324	ug/l	89
17) Carbon Disulfide	4.186	76	466003	45.923	ug/l	99
18) Methyl Acetate	4.472	43	214153	42.655	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	431411	45.078	ug/l	97
20) Methylene Chloride	4.710	84	182990	45.485	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	174934	46.411	ug/l	94
22) Diisopropyl ether	6.112	45	520313	50.312	ug/l	91
23) Vinyl Acetate	6.057	43	1501412	250.931	ug/l	95
24) 1,1-Dichloroethane	6.009	63	315791	48.640	ug/l	99
25) 2-Butanone	6.978	43	410387	251.300	ug/l	94
26) 2,2-Dichloropropane	6.978	77	273287	49.385	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	198740	46.482	ug/l	95
28) Bromochloromethane	7.325	49	144856	53.136	ug/l	94
29) Tetrahydrofuran	7.344	42	244453	232.071	ug/l	90
30) Chloroform	7.502	83	325279	48.029	ug/l	97
31) Cyclohexane	7.783	56	270242	48.774	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	274892	47.486	ug/l	99
36) 1,1-Dichloropropene	7.911	75	250965	52.237	ug/l	99
37) Ethyl Acetate	7.069	43	159716	48.475	ug/l #	93
38) Carbon Tetrachloride	7.892	117	251271	50.100	ug/l	98
39) Methylcyclohexane	9.185	83	297255	51.763	ug/l	96
40) Benzene	8.155	78	712659	49.003	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	218345	135.647	ug/l #	27
42) 1,2-Dichloroethane	8.234	62	212288	49.663	ug/l	95
43) Isopropyl Acetate	8.270	43	271398	48.606	ug/l	93
44) Trichloroethene	8.935	130	192845	47.564	ug/l	99
45) 1,2-Dichloropropane	9.215	63	193382	51.833	ug/l	99
46) Dibromomethane	9.301	93	111247	48.980	ug/l	96
47) Bromodichloromethane	9.496	83	252519	50.459	ug/l	98
48) Methyl methacrylate	9.288	41	130563	51.420	ug/l #	82
49) 1,4-Dioxane	9.295	88	36638	903.354	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	813307	246.033	ug/l	91
52) Toluene	10.240	92	444876	48.611	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	262233	49.001	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	300294	50.293	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	158579	47.983	ug/l	98
56) Ethyl methacrylate	10.508	69	222355	49.460	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	264885	49.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	557764	256.097	ug/l	99
59) 2-Hexanone	10.831	43	619147	259.286	ug/l	88
60) Dibromochloromethane	10.983	129	187473	48.411	ug/l	100
61) 1,2-Dibromoethane	11.087	107	156390	48.470	ug/l	99
64) Tetrachloroethene	10.715	164	199834	47.523	ug/l	97
65) Chlorobenzene	11.514	112	482399	48.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	187538	49.222	ug/l	98
67) Ethyl Benzene	11.593	91	861561	50.399	ug/l	98
68) m/p-Xylenes	11.697	106	675191	99.572	ug/l	96
69) o-Xylene	12.026	106	316117	49.152	ug/l	96
70) Styrene	12.044	104	557414	50.375	ug/l	96
71) Bromoform	12.203	173	135434	46.789	ug/l #	99
73) Isopropylbenzene	12.331	105	803332	50.860	ug/l	99
74) N-amyl acetate	12.142	43	246556	51.721	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	197903	48.825	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	252593	89.254	ug/l #	100
77) Bromobenzene	12.605	156	209177	48.487	ug/l	97
78) n-propylbenzene	12.672	91	999392	51.870	ug/l	99
79) 2-Chlorotoluene	12.751	91	553917	49.956	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	679085	50.786	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	69057	47.495	ug/l	90
82) 4-Chlorotoluene	12.855	91	575618	49.552	ug/l	98
83) tert-Butylbenzene	13.074	119	583391	49.644	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	664860	49.828	ug/l	98
85) sec-Butylbenzene	13.251	105	885517	51.065	ug/l	99
86) p-Isopropyltoluene	13.367	119	750345	51.417	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	407174	48.272	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	401923	47.546	ug/l	98
89) n-Butylbenzene	13.696	91	696192	51.621	ug/l	98
90) Hexachloroethane	13.958	117	147074	50.878	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	371445	48.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32143	43.315	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	244248	49.494	ug/l	99
94) Hexachlorobutadiene	15.111	225	160943	53.064	ug/l	98
95) Naphthalene	15.233	128	486320	46.320	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	220962	49.142	ug/l	98

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QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

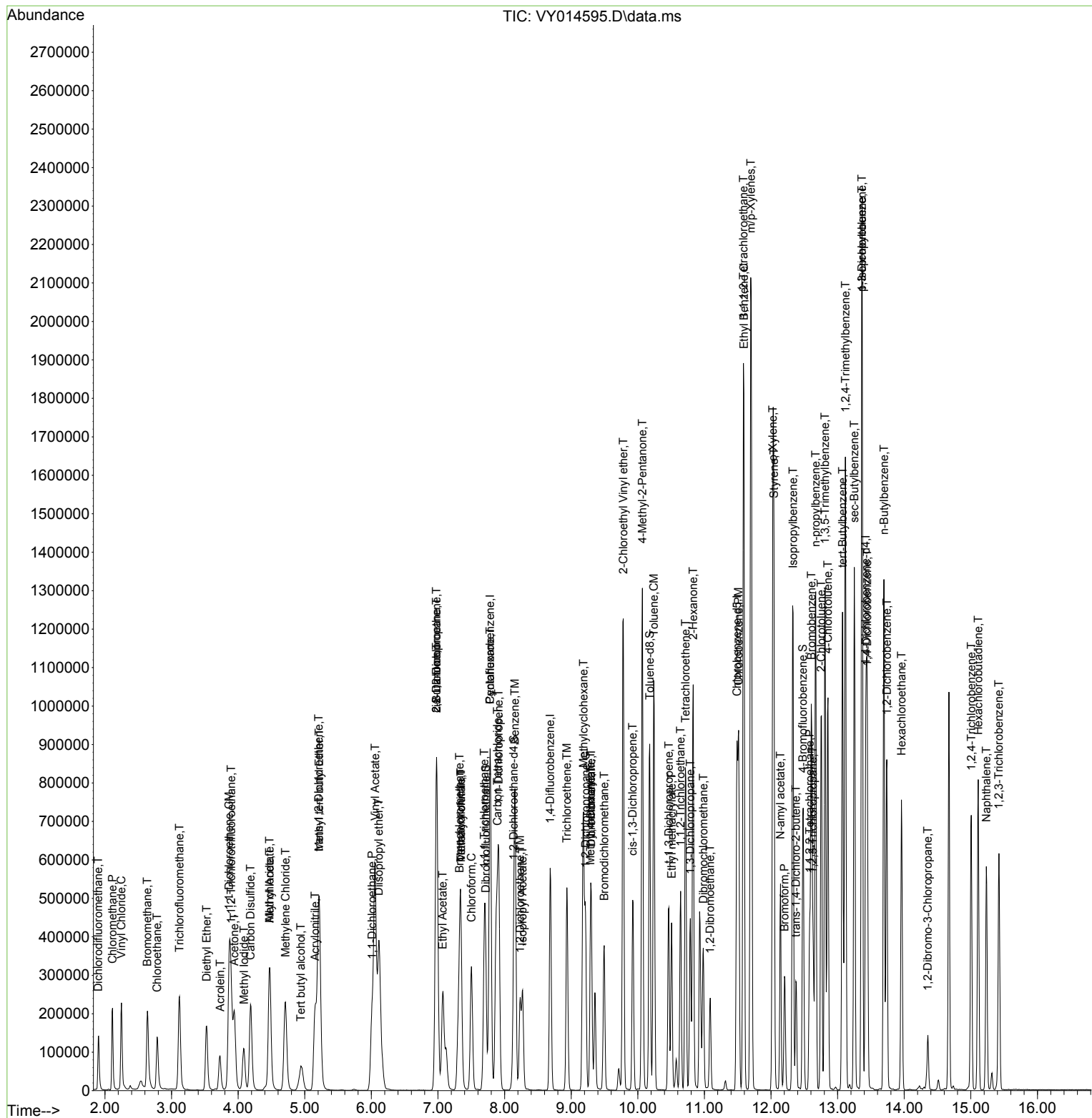
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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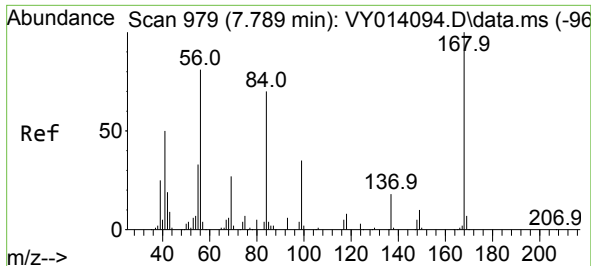
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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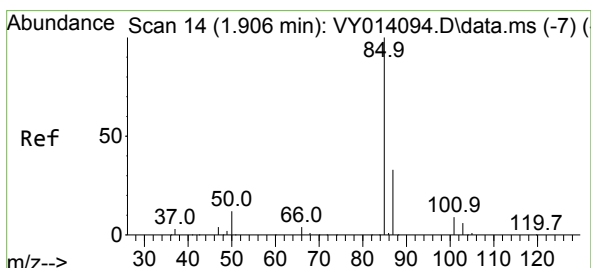
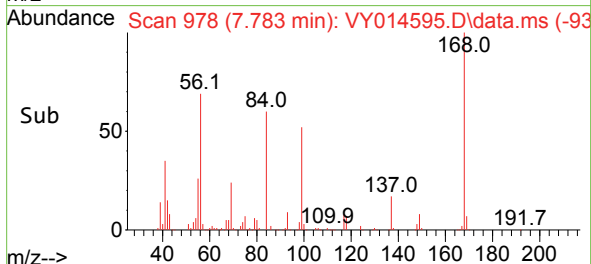
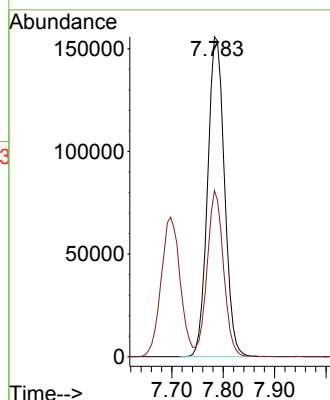
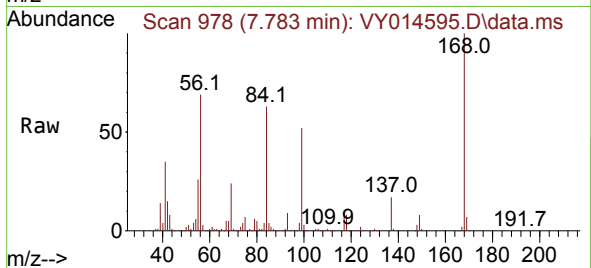




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014595.D
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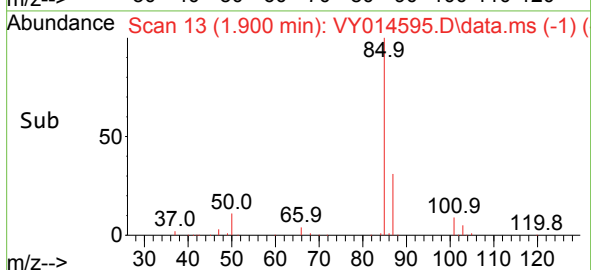
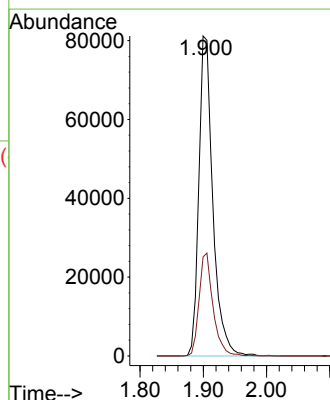
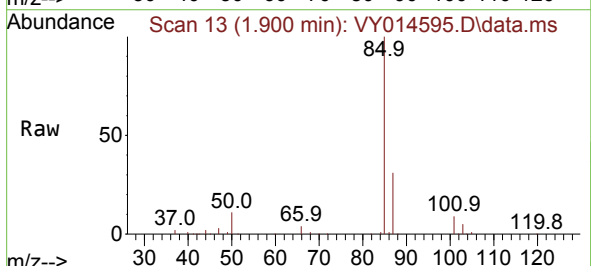
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

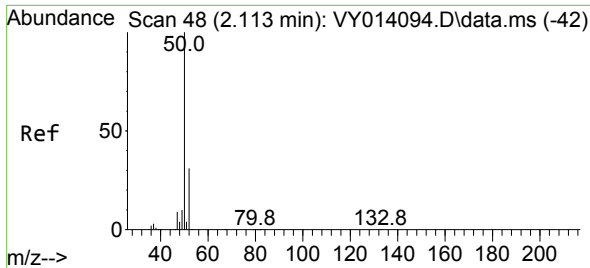
Tgt Ion:168 Resp: 355018
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.099 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 85 Resp: 125066
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8

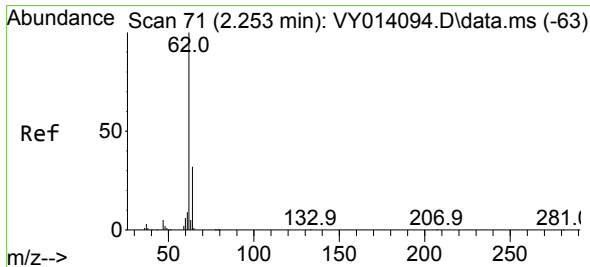
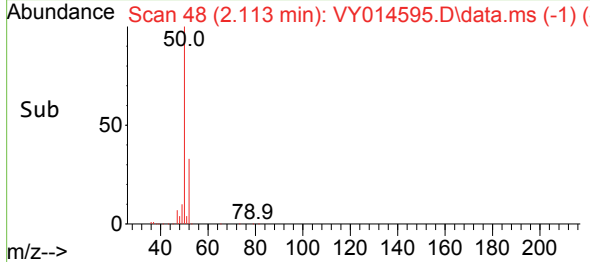
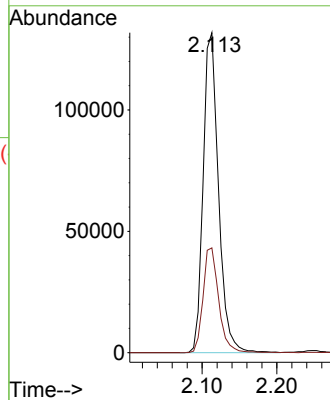
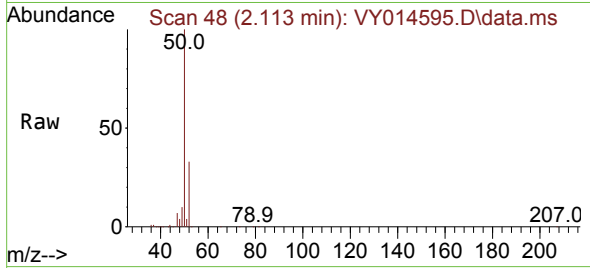




#3
Chloromethane
Concen: 45.660 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

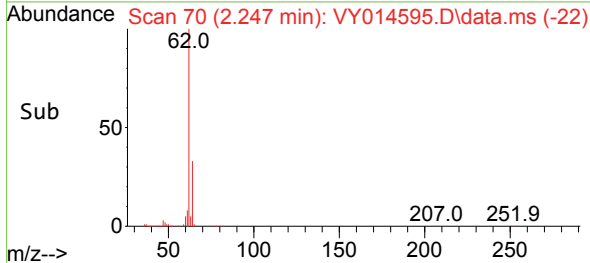
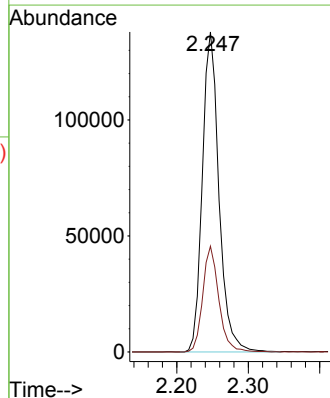
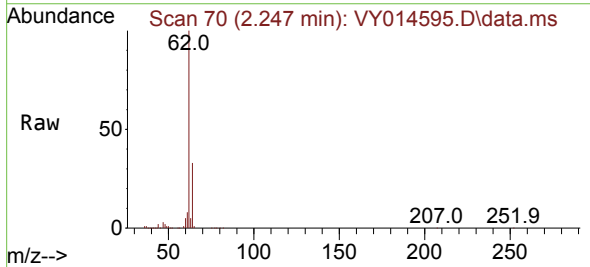
Instrument :
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ClientSampleId :
VSTDCCC050

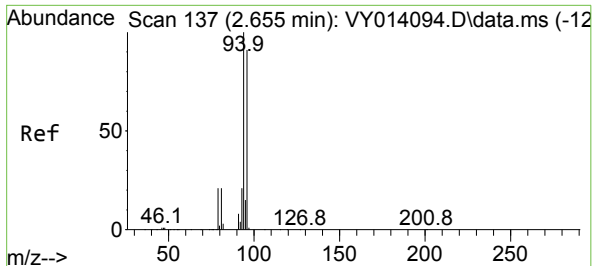
Tgt Ion: 50 Resp: 187735
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 46.976 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 62 Resp: 222634
Ion Ratio Lower Upper
62 100
64 33.0 24.3 36.5

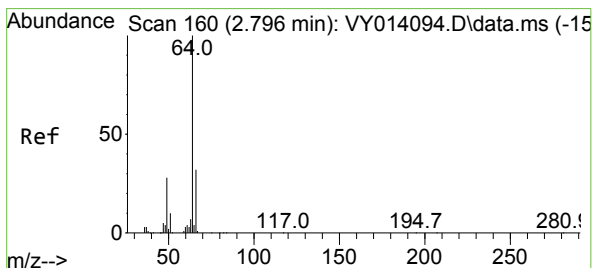
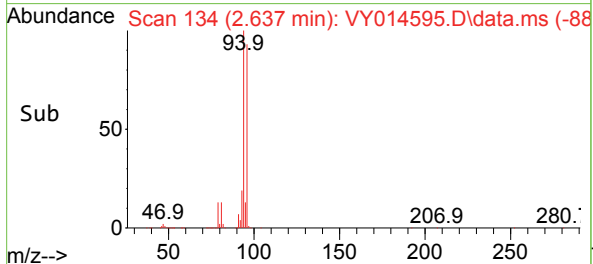
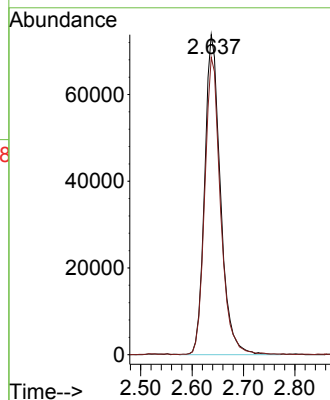
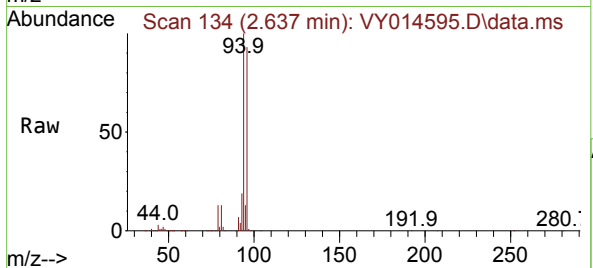




#5
Bromomethane
Concen: 42.880 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014595.D
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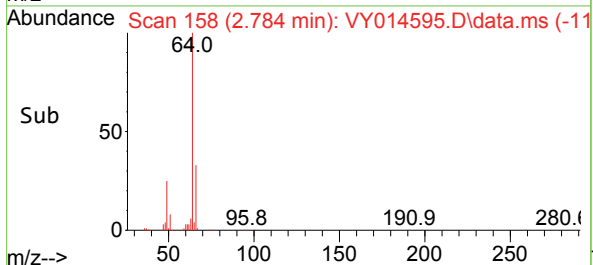
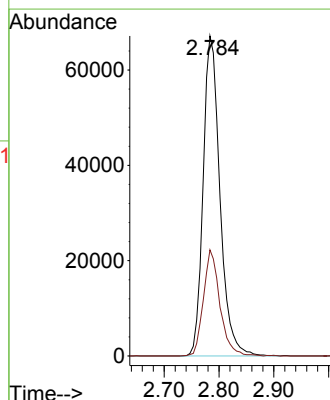
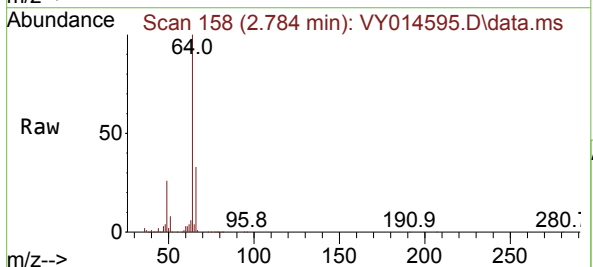
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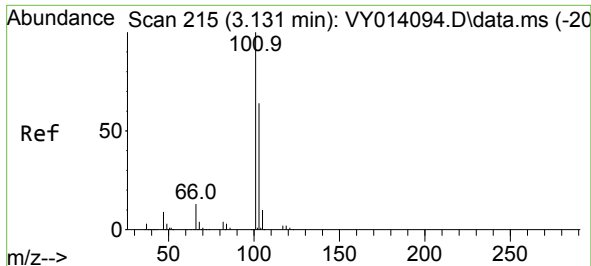
Tgt Ion: 94 Resp: 157579
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 46.789 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 64 Resp: 142780
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

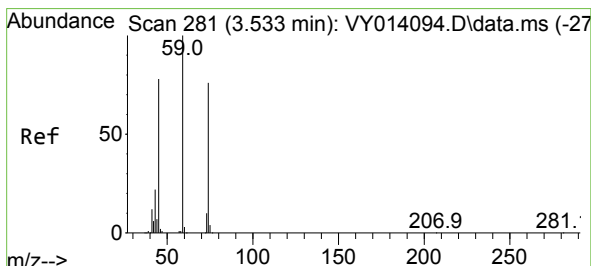
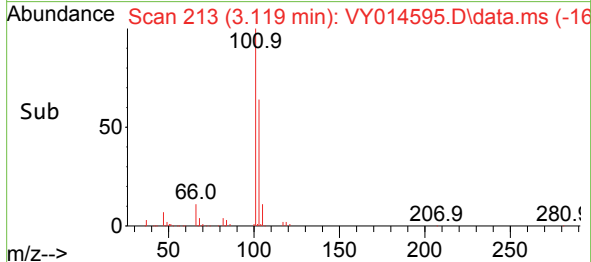
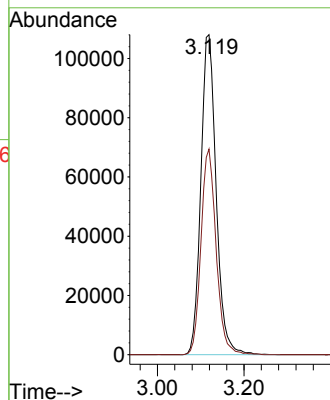
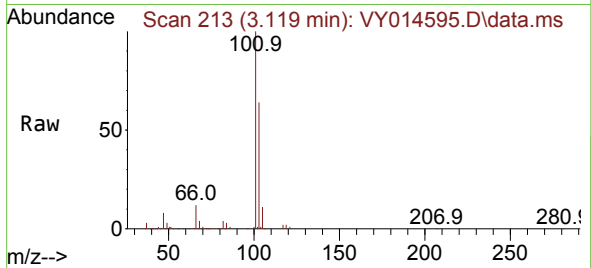




#7
 Trichlorofluoromethane
 Concen: 46.067 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

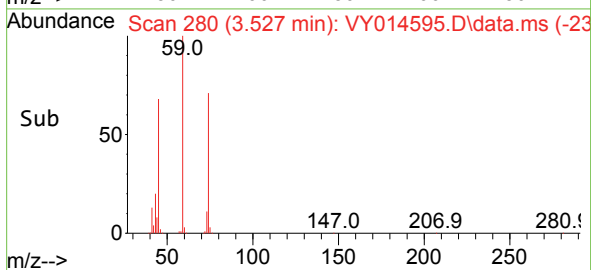
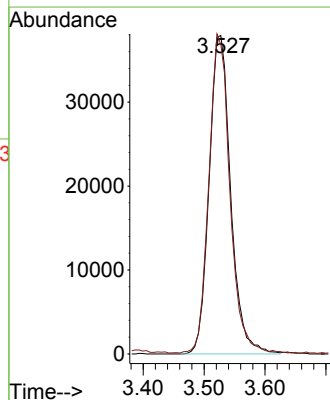
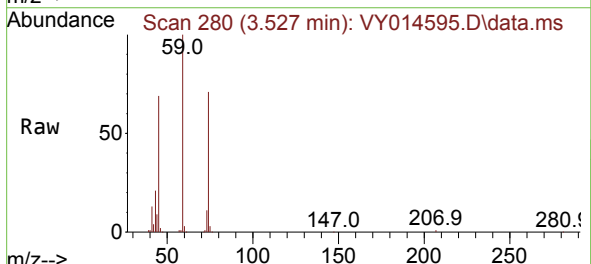
Instrument :
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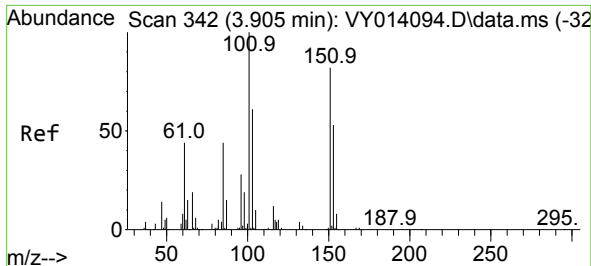
Tgt Ion:101 Resp: 265155
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 42.736 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY014595.D
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Tgt Ion: 74 Resp: 93139
 Ion Ratio Lower Upper
 74 100
 45 98.0 51.5 154.5

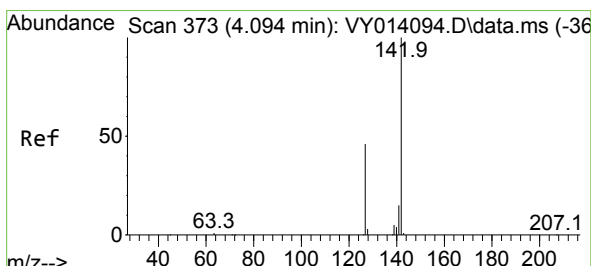
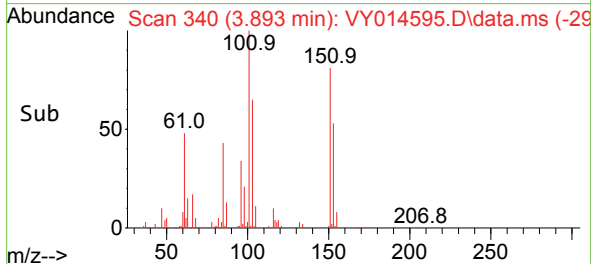
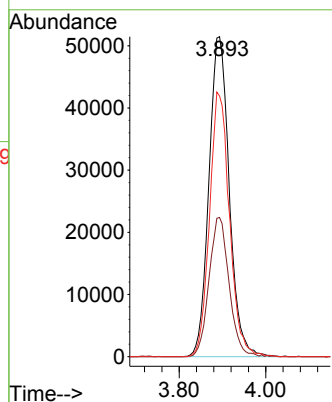
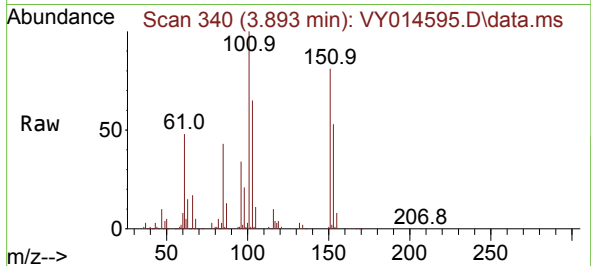




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.860 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

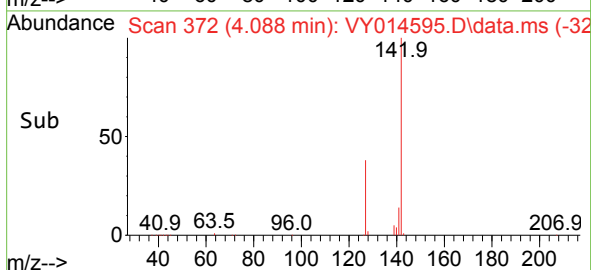
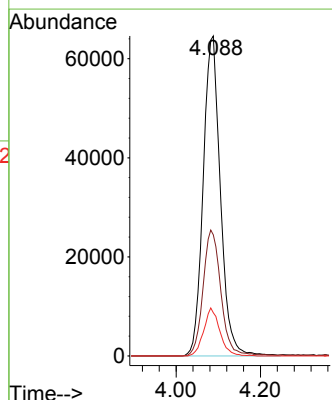
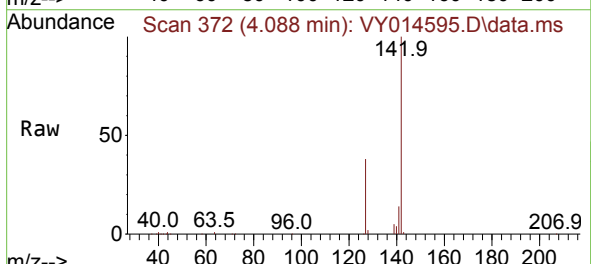
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

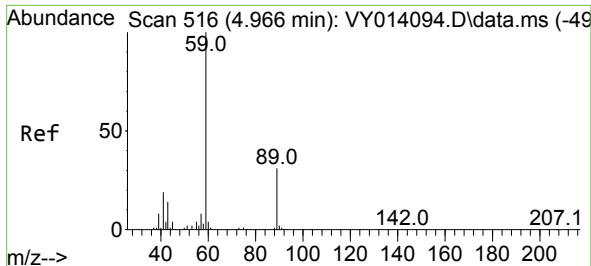
Tgt Ion:101 Resp: 167944
Ion Ratio Lower Upper
101 100
85 42.8 36.6 55.0
151 81.0 67.0 100.6



#10
Methyl Iodide
Concen: 46.863 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion:142 Resp: 183816
Ion Ratio Lower Upper
142 100
127 40.6 37.6 56.4
141 14.1 11.8 17.8

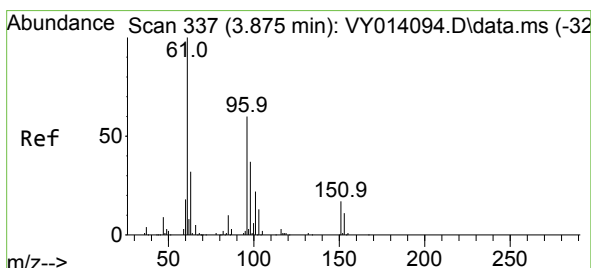
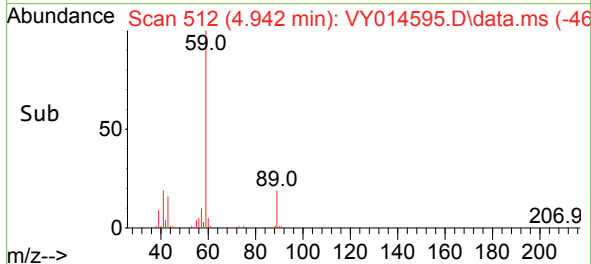
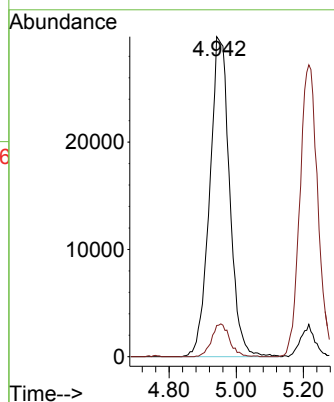
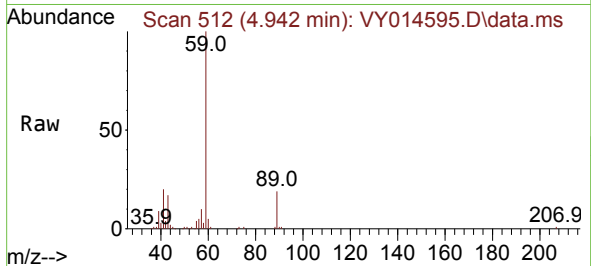




#11
Tert butyl alcohol
Concen: 197.249 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

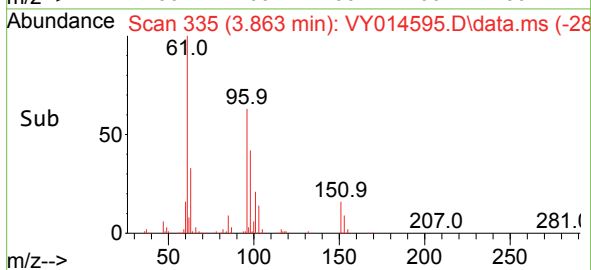
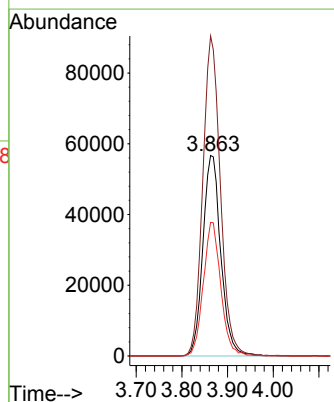
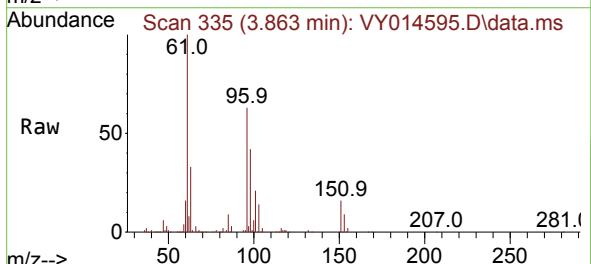
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

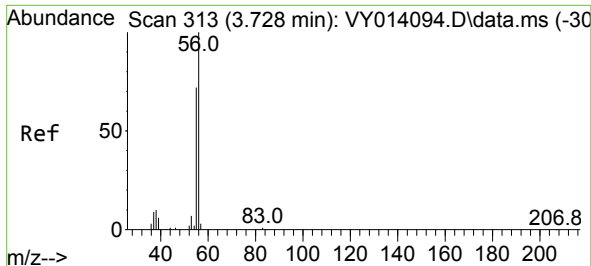
Tgt Ion: 59 Resp: 123194
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.266 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 96 Resp: 154060
Ion Ratio Lower Upper
96 100
61 159.6 136.4 204.6
98 66.6 49.4 74.2

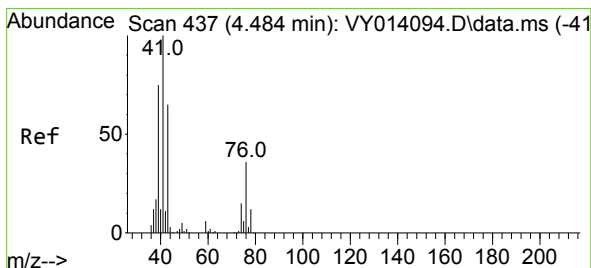
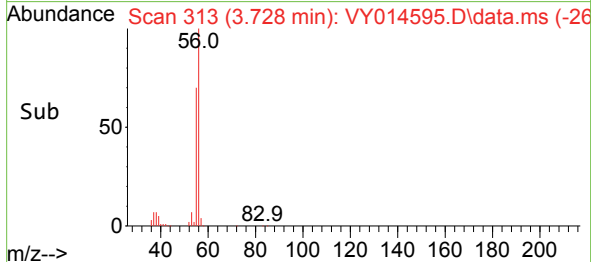
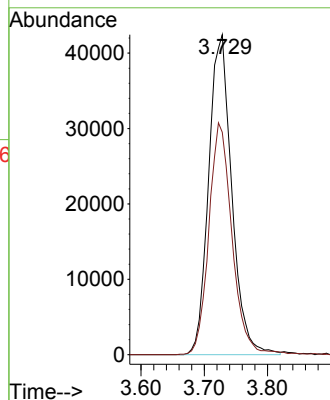
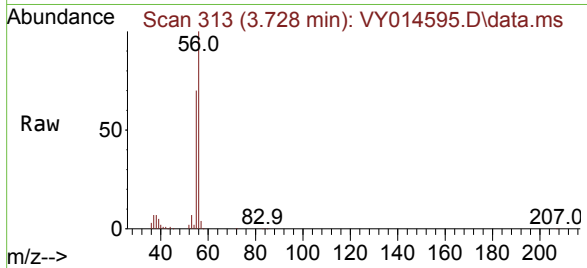




#13
Acrolein
Concen: 229.951 ug/l
RT: 3.728 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

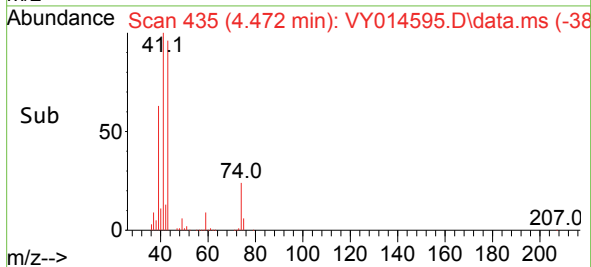
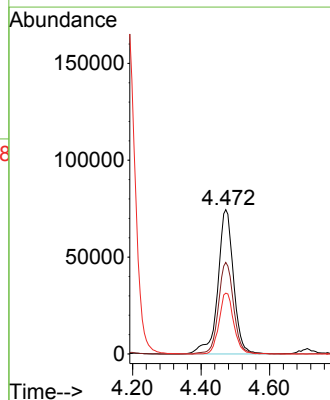
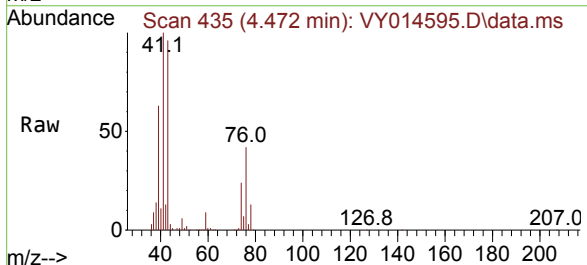
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

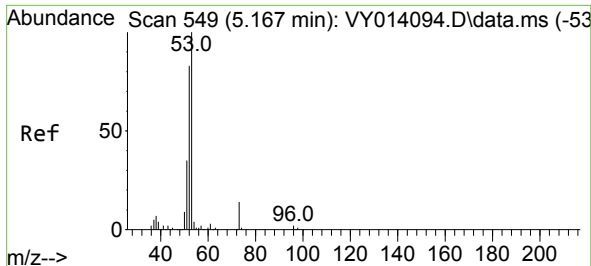
Tgt Ion: 56 Resp: 107735
Ion Ratio Lower Upper
56 100
55 72.8 57.0 85.4



#14
Allyl chloride
Concen: 47.007 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 41 Resp: 235925
Ion Ratio Lower Upper
41 100
39 61.5 58.0 87.0
76 39.3 27.4 41.2

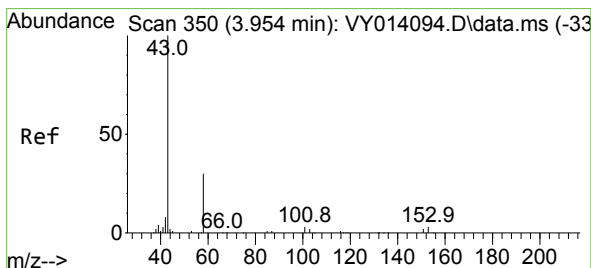
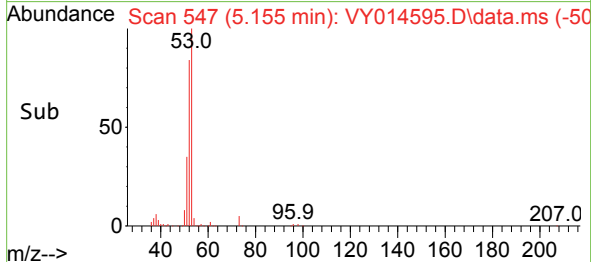
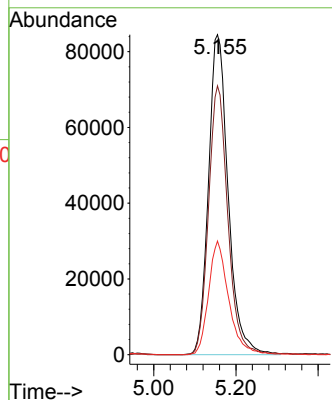
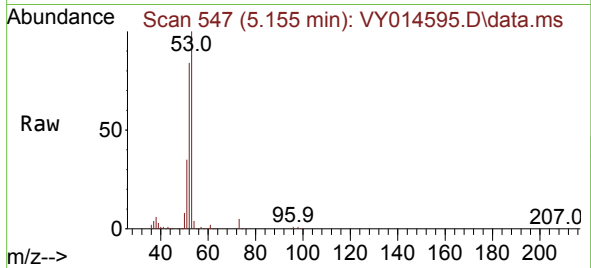




#15
Acrylonitrile
Concen: 224.809 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

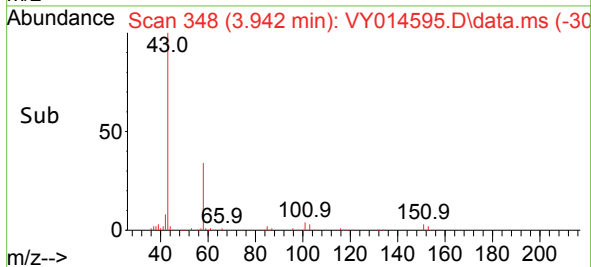
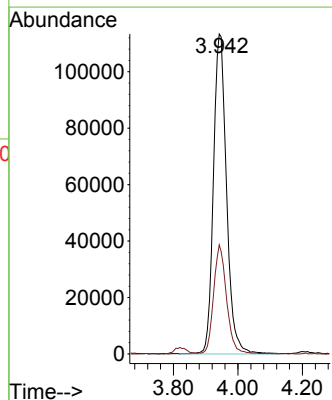
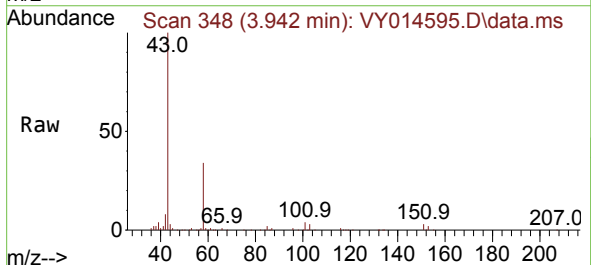
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

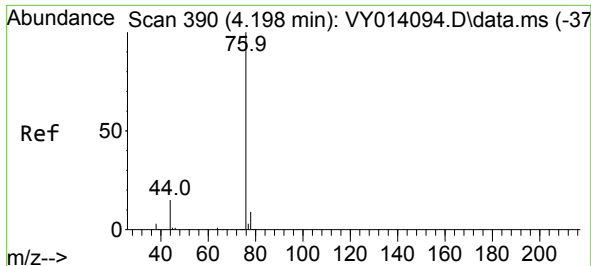
Tgt Ion: 53 Resp: 281266
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 290.324 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 43 Resp: 320200
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1

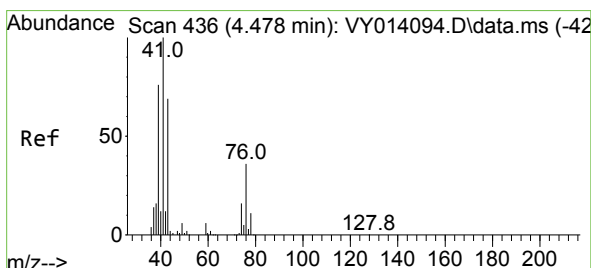
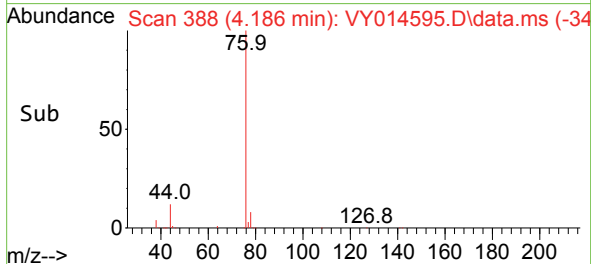
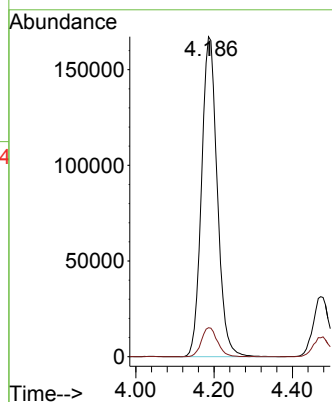
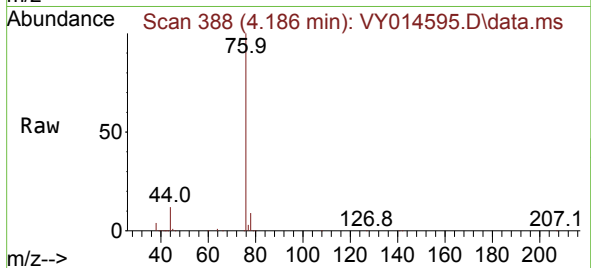




#17
Carbon Disulfide
Concen: 45.923 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

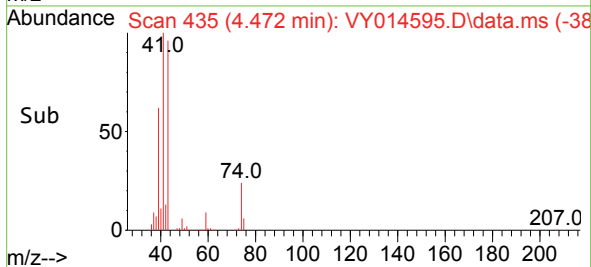
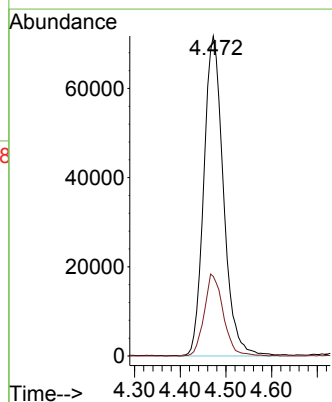
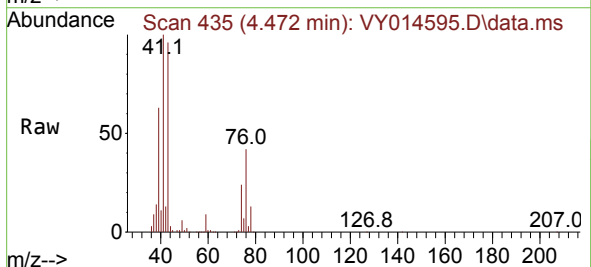
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

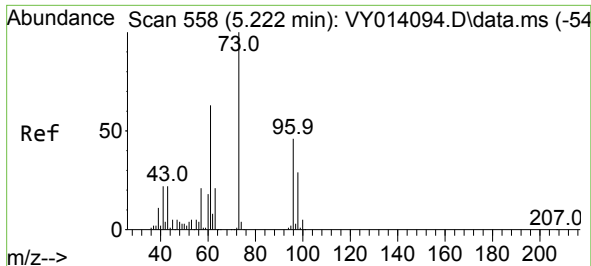
Tgt Ion: 76 Resp: 466003
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 42.655 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 43 Resp: 214153
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

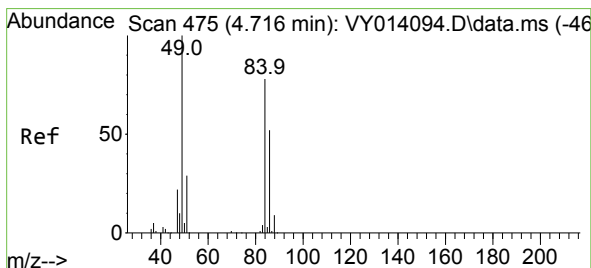
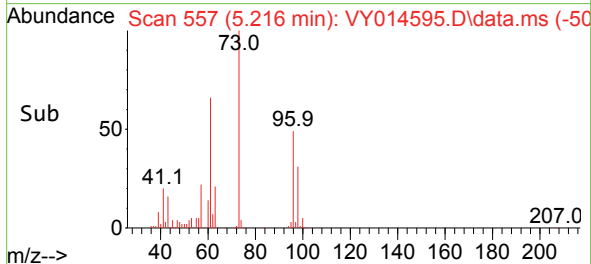
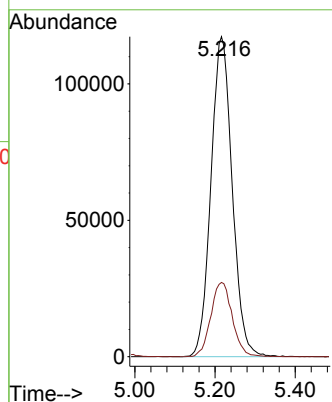
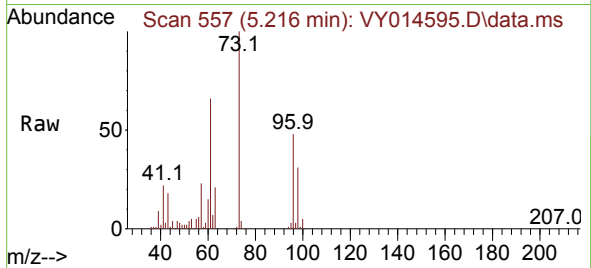




#19
Methyl tert-butyl Ether
Concen: 45.078 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

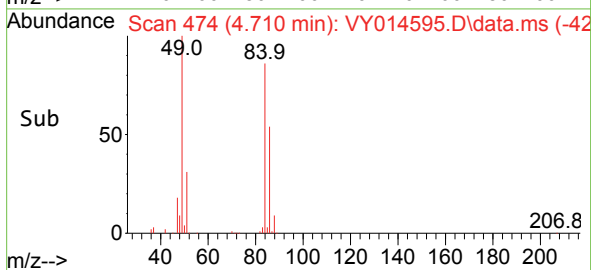
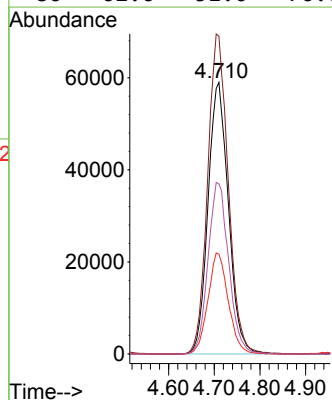
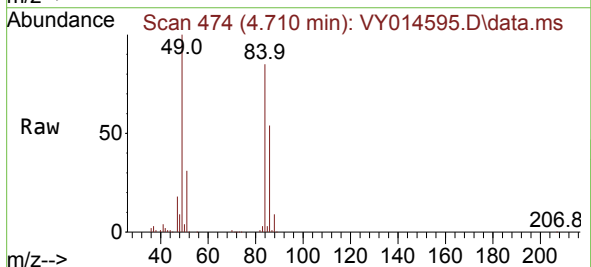
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

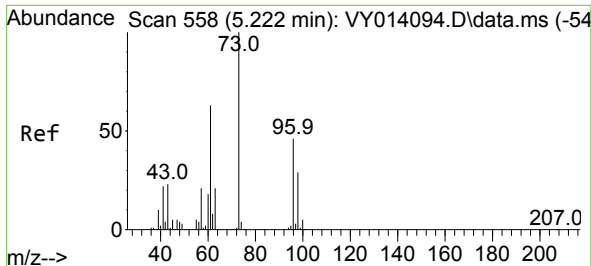
Tgt Ion: 73 Resp: 431411
Ion Ratio Lower Upper
73 100
57 23.2 17.3 25.9



#20
Methylene Chloride
Concen: 45.485 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 84 Resp: 182990
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 36.8 33.2 49.8
86 62.6 51.0 76.6

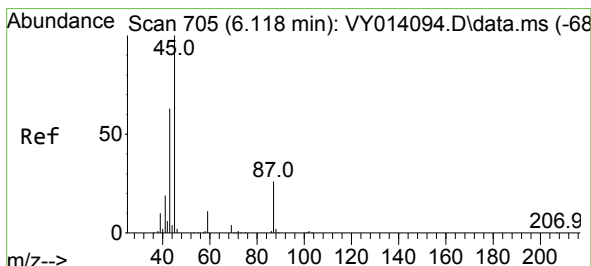
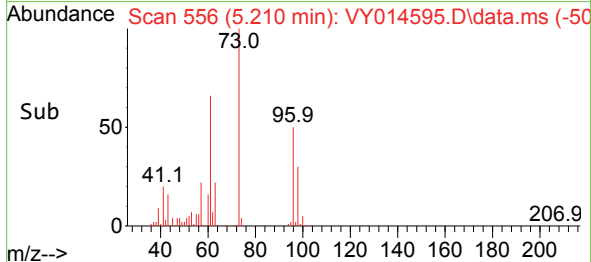
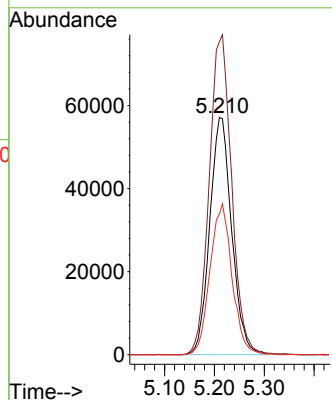
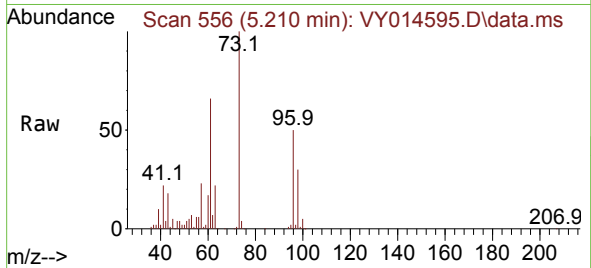




#21
trans-1,2-Dichloroethene
Concen: 46.411 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

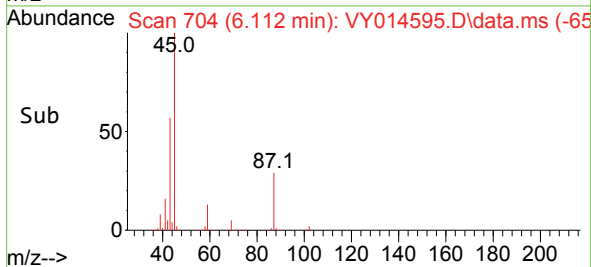
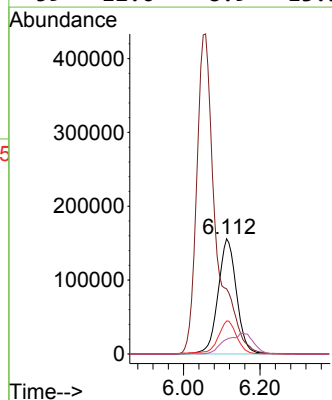
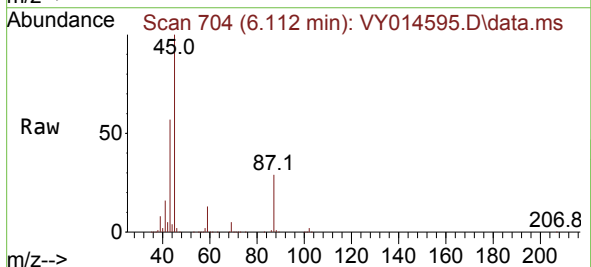
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

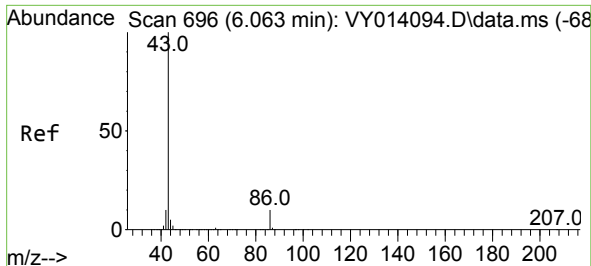
Tgt Ion: 96 Resp: 174934
Ion Ratio Lower Upper
96 100
61 132.0 110.2 165.4
98 59.2 51.8 77.6



#22
Diisopropyl ether
Concen: 50.312 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 45 Resp: 520313
Ion Ratio Lower Upper
45 100
43 56.1 52.2 78.4
87 28.6 21.0 31.6
59 12.6 8.9 13.3

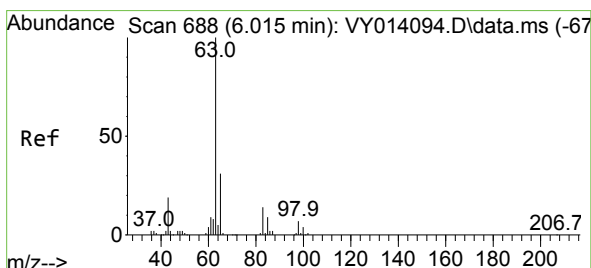
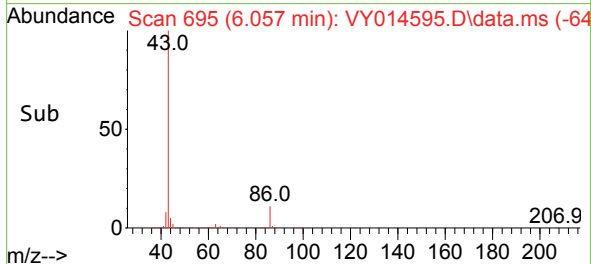
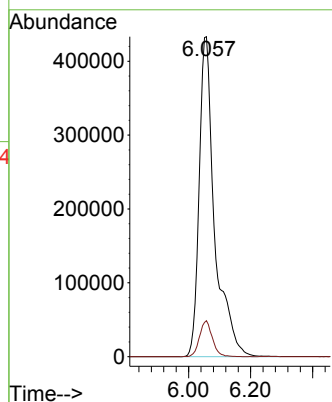
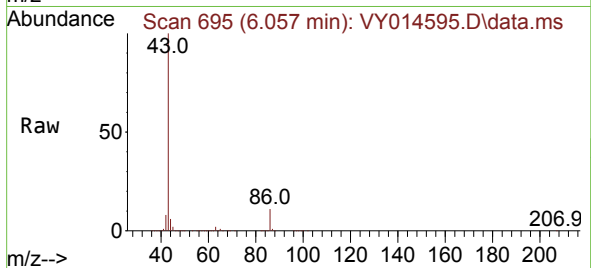




#23
 Vinyl Acetate
 Concen: 250.931 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

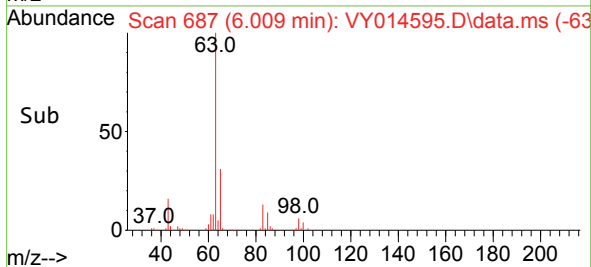
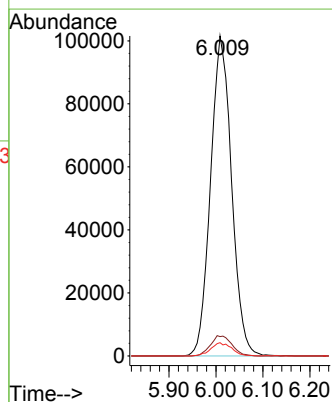
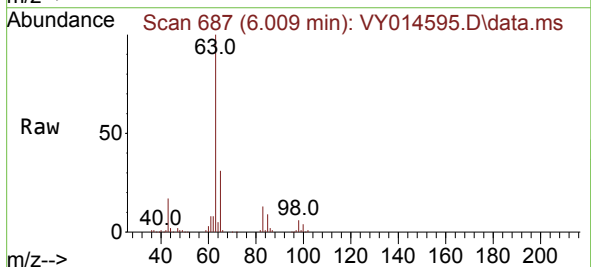
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

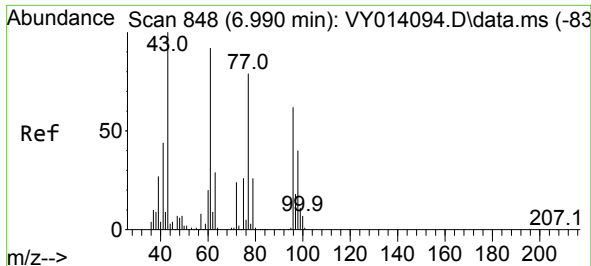
Tgt Ion: 43 Resp: 1501412
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.640 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

Tgt Ion: 63 Resp: 315791
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.4
 100 4.2 1.8 5.5

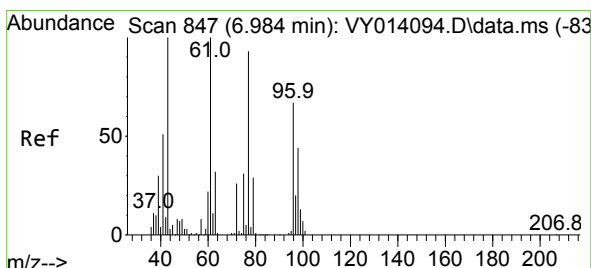
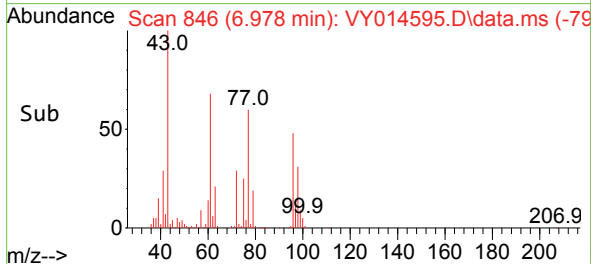
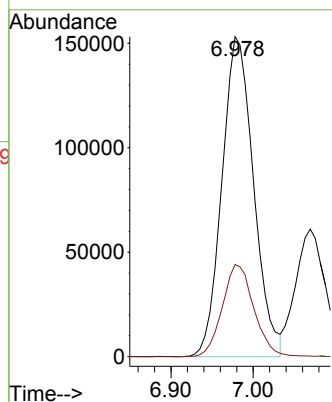
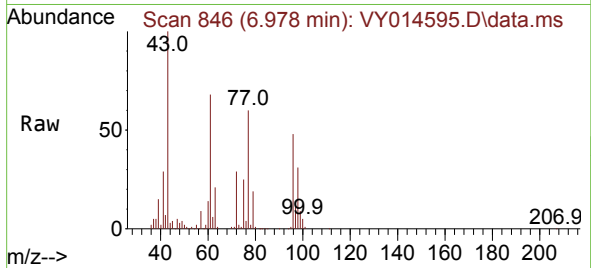




#25
2-Butanone
Concen: 251.300 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

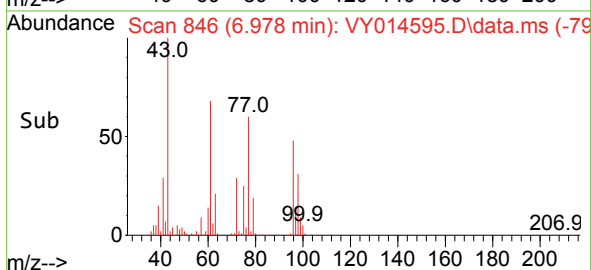
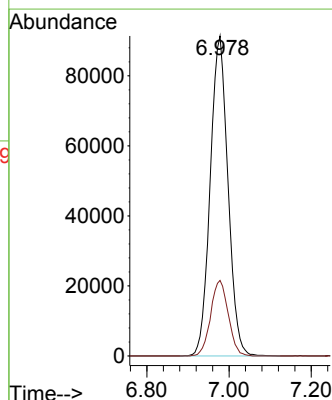
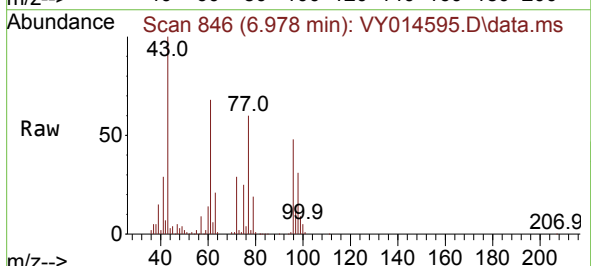
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

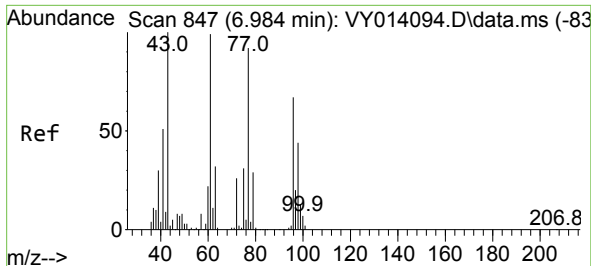
Tgt Ion: 43 Resp: 410387
Ion Ratio Lower Upper
43 100
72 28.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.385 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 77 Resp: 273287
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.482 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

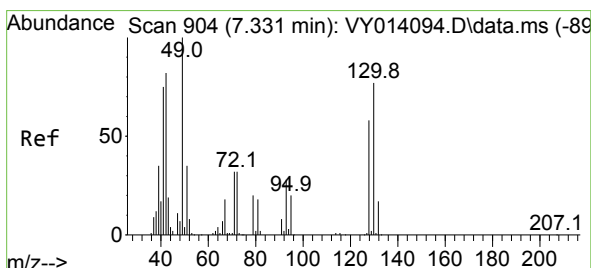
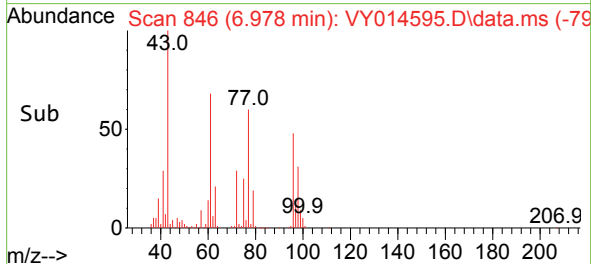
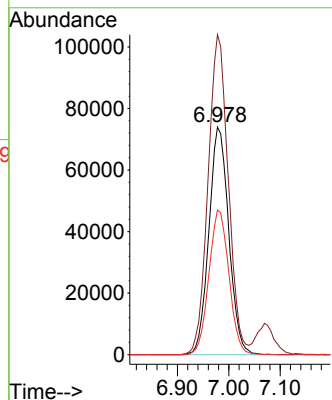
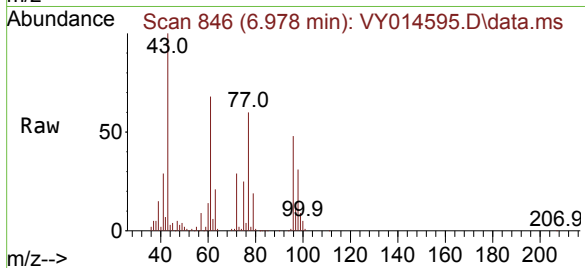
Tgt Ion: 96 Resp: 198740

Ion Ratio Lower Upper

96 100

61 142.8 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 53.136 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

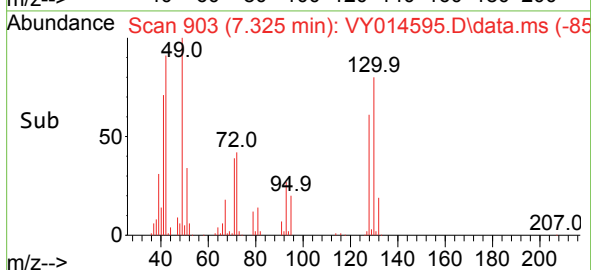
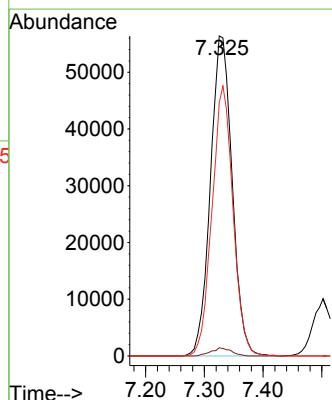
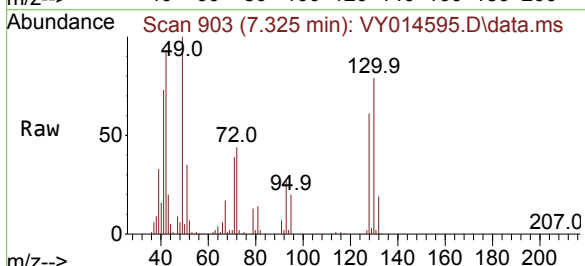
Tgt Ion: 49 Resp: 144856

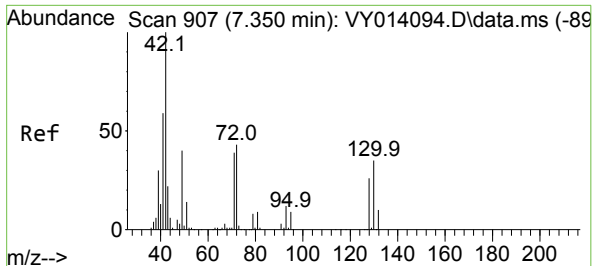
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 81.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 232.071 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

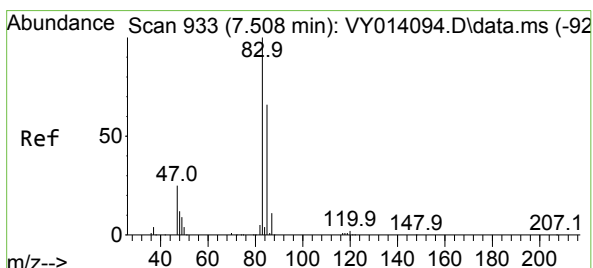
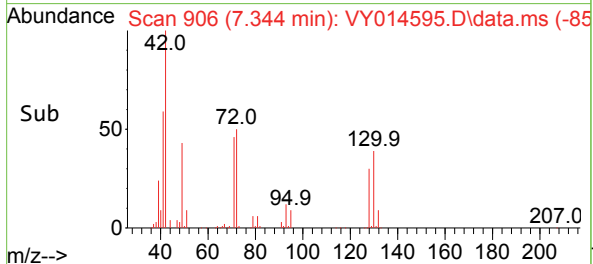
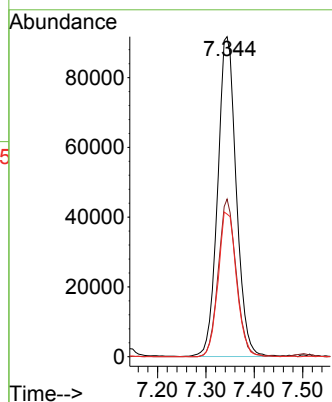
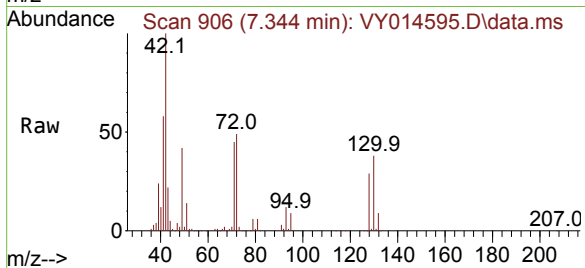
Tgt Ion: 42 Resp: 244453

Ion Ratio Lower Upper

42 100

72 47.5 32.8 49.2

71 44.9 31.0 46.4



#30

Chloroform

Concen: 48.029 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014595.D

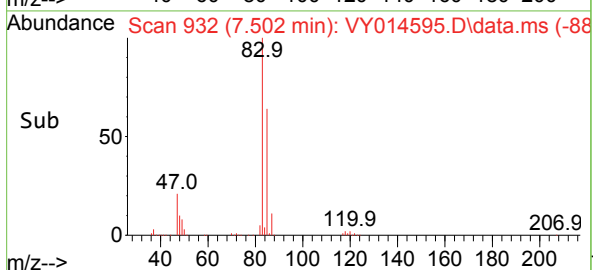
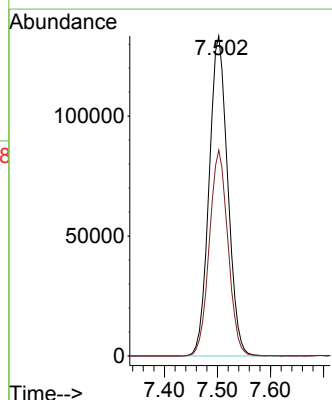
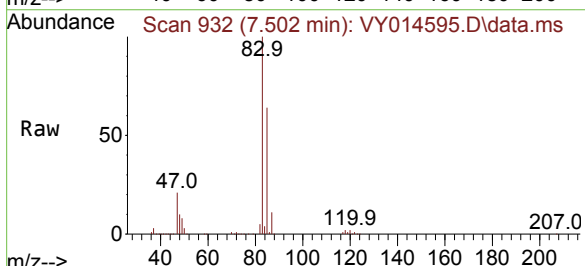
Acq: 07 Jul 2023 09:19

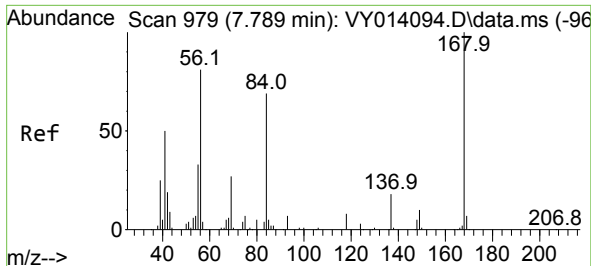
Tgt Ion: 83 Resp: 325279

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5

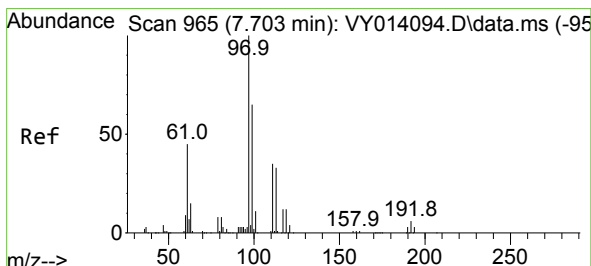
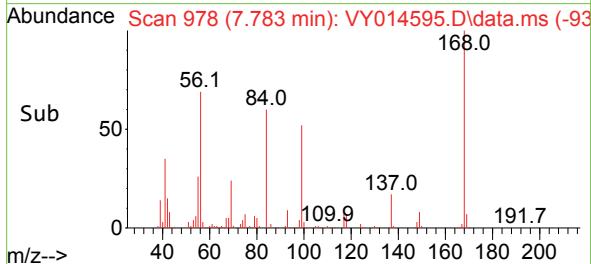
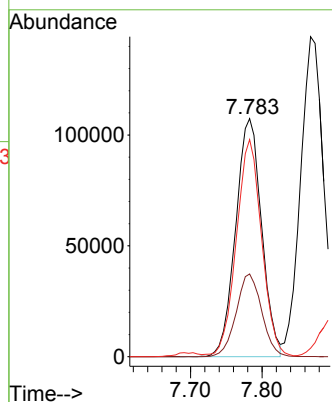
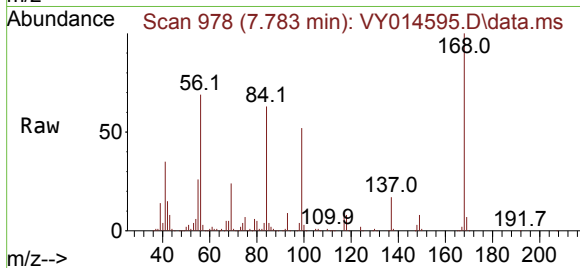




#31
Cyclohexane
Concen: 48.774 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

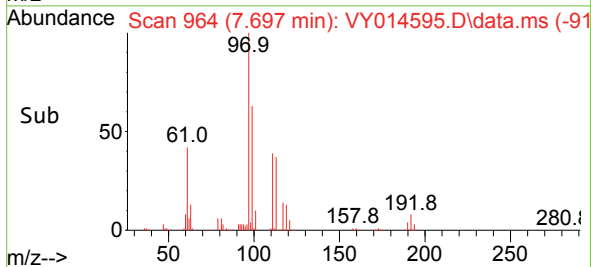
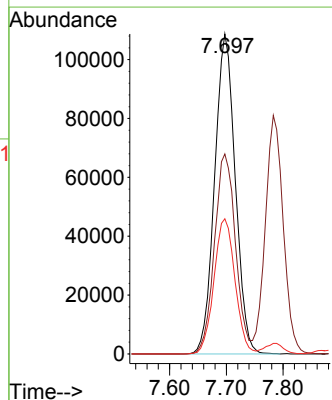
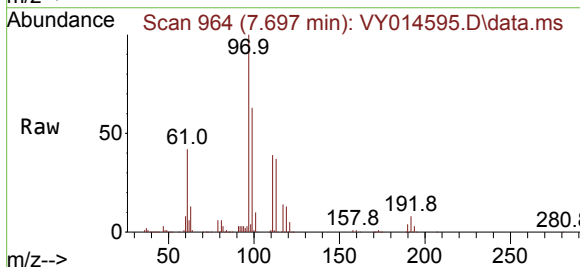
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

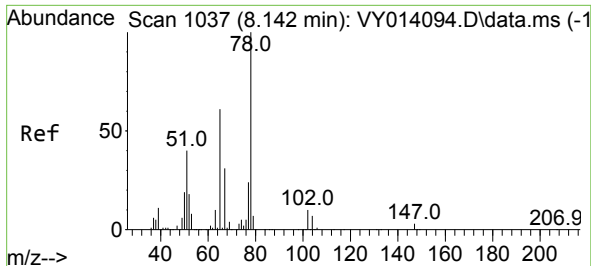
Tgt Ion: 56 Resp: 270242
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.6
84 89.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.486 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 97 Resp: 274892
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.1 35.1 52.7

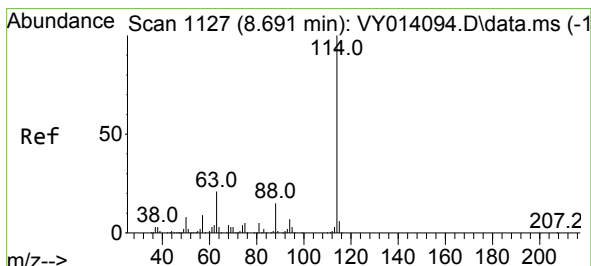
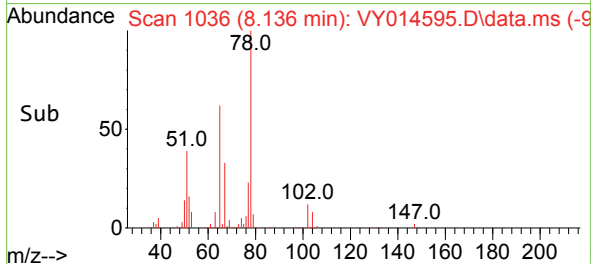
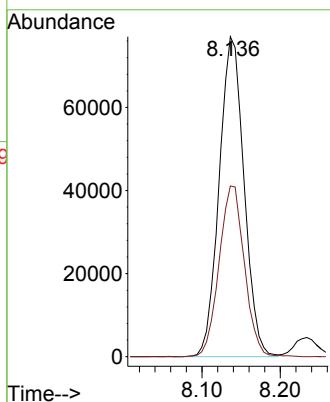
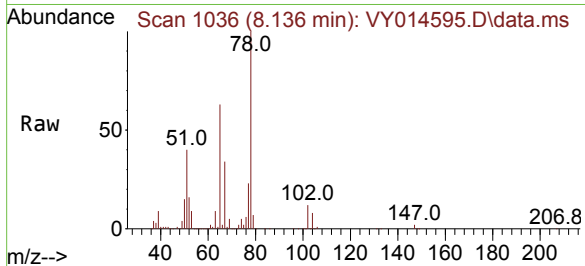




#33
 1,2-Dichloroethane-d4
 Concen: 48.097 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

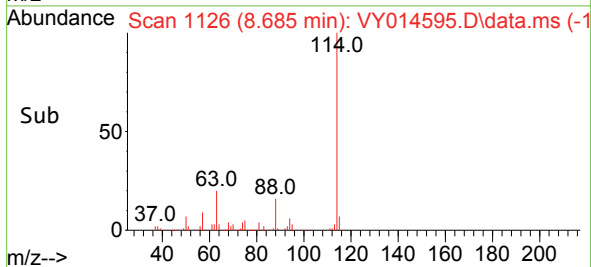
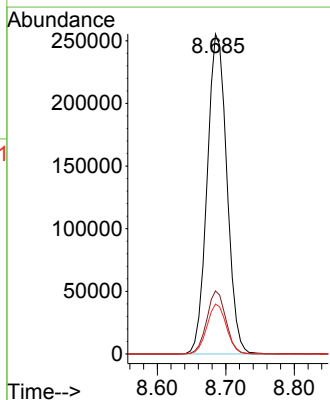
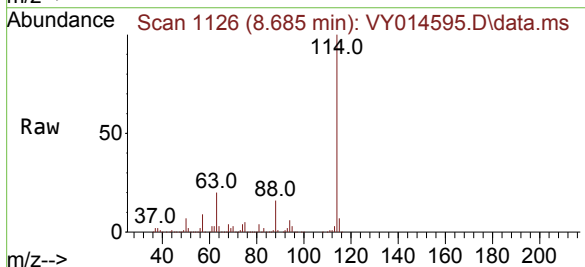
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

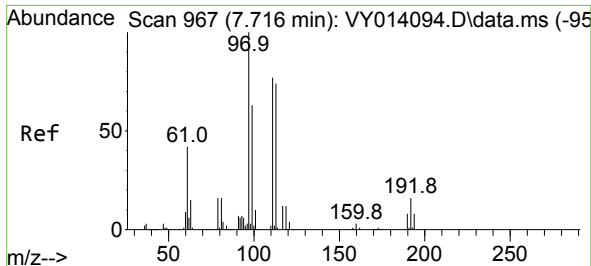
Tgt Ion: 65 Resp: 169862
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

Tgt Ion: 114 Resp: 509455
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.6 0.0 30.6

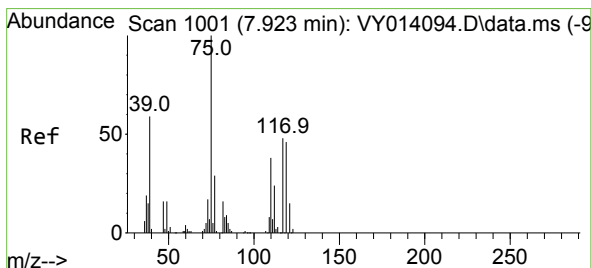
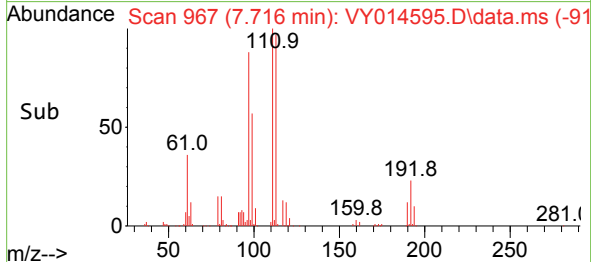
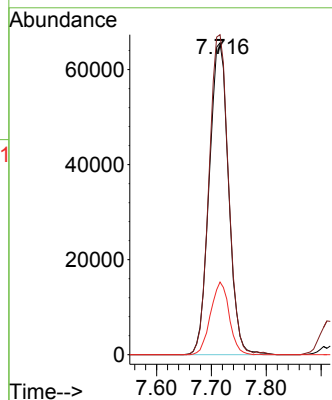
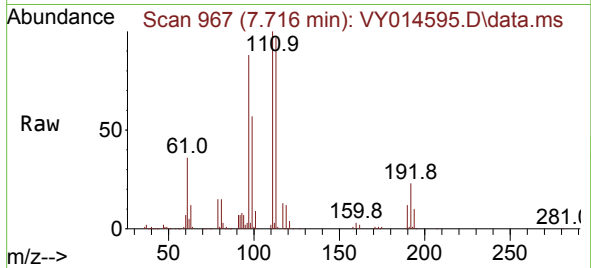




#35
Dibromofluoromethane
Concen: 51.256 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

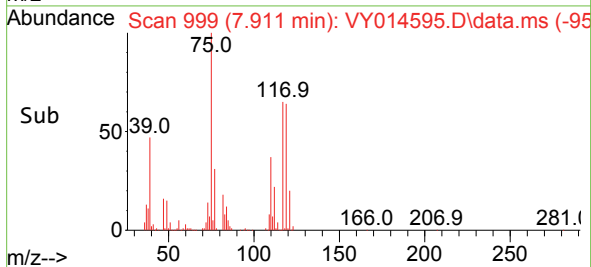
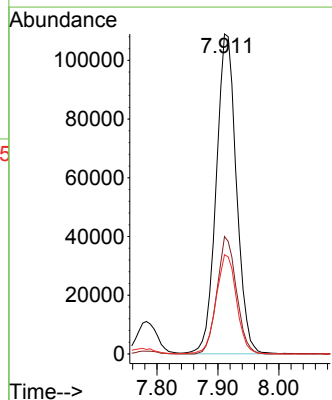
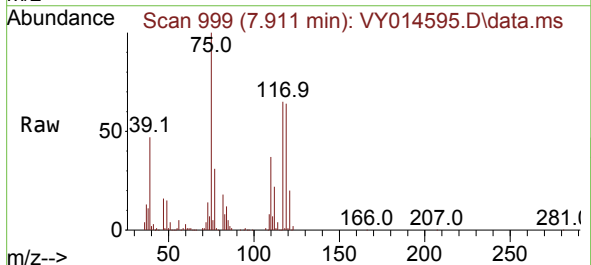
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

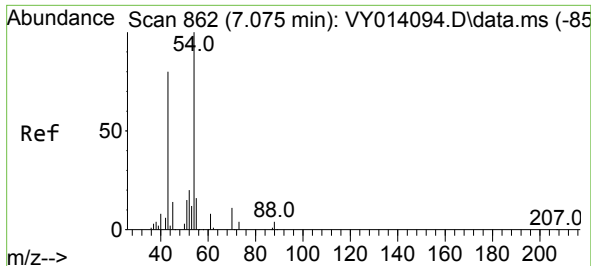
Tgt Ion:113 Resp: 160804
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 22.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.237 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 75 Resp: 250965
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 48.475 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

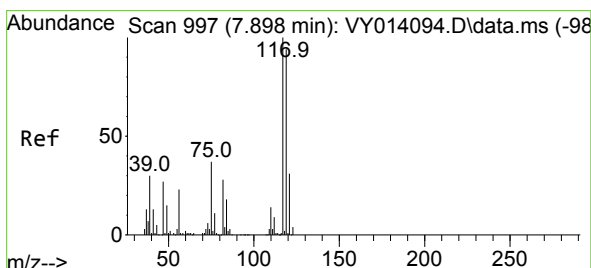
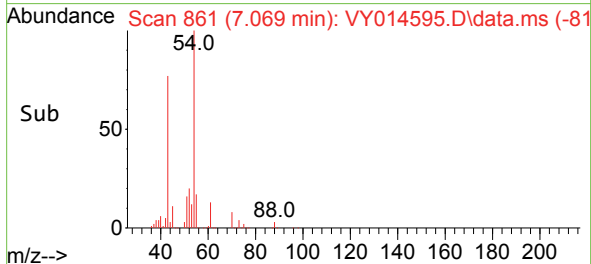
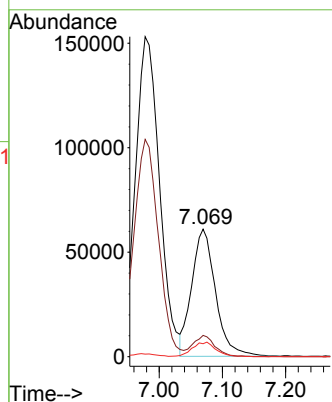
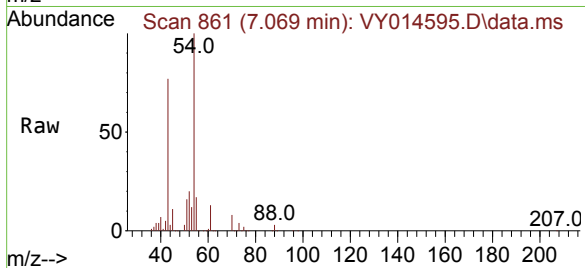
Tgt Ion: 43 Resp: 159716

Ion Ratio Lower Upper

43 100

61 15.4 10.1 15.1#

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.100 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

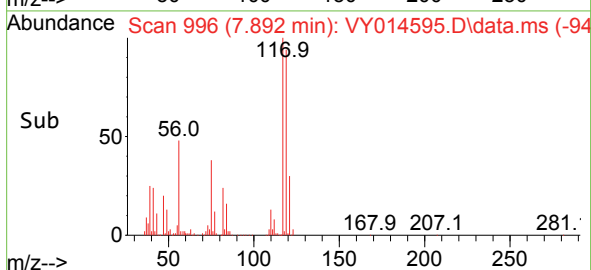
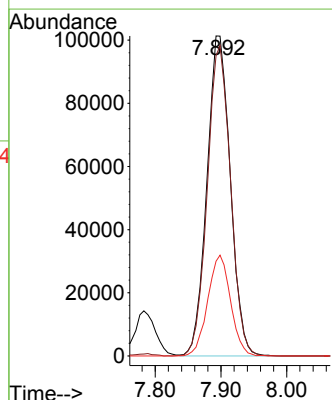
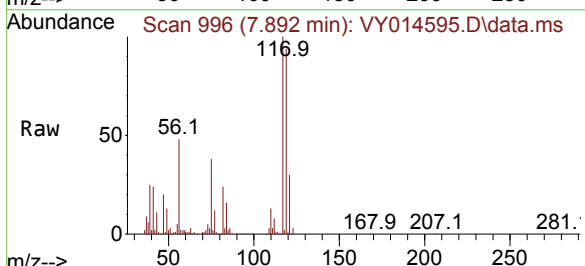
Tgt Ion: 117 Resp: 251271

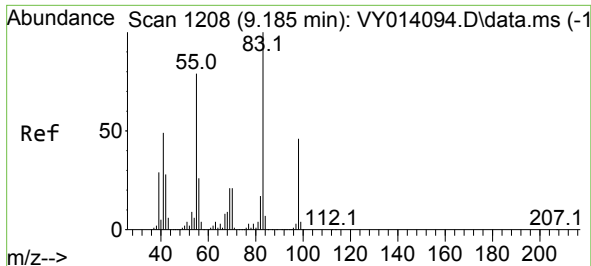
Ion Ratio Lower Upper

117 100

119 93.9 76.4 114.6

121 29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 51.763 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

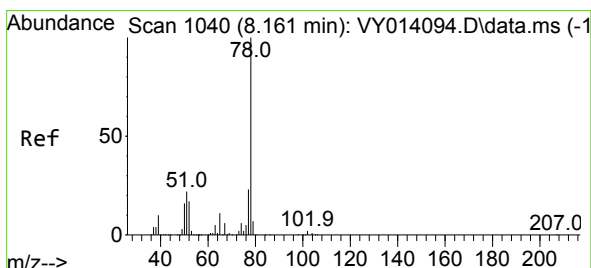
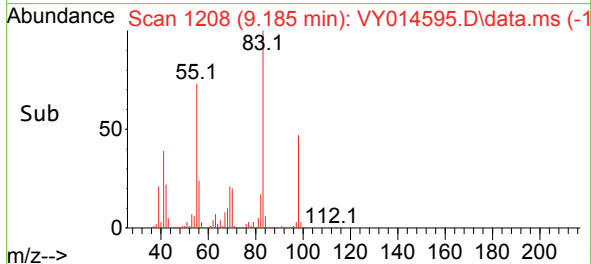
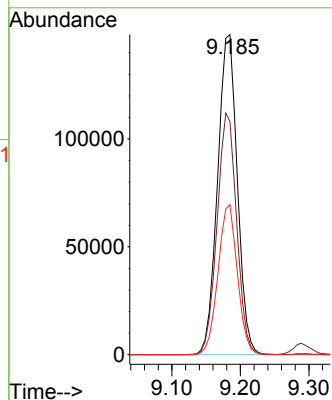
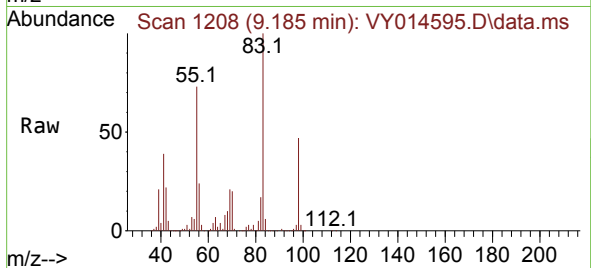
Tgt Ion: 83 Resp: 297255

Ion Ratio Lower Upper

83 100

55 72.8 63.0 94.4

98 46.9 37.4 56.2



#40

Benzene

Concen: 49.003 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014595.D

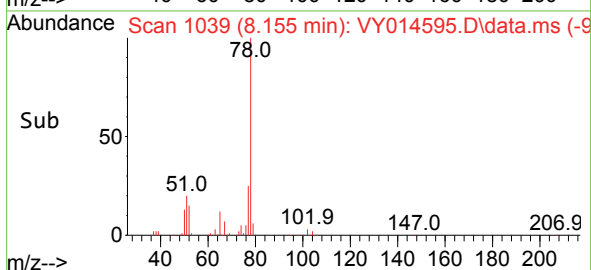
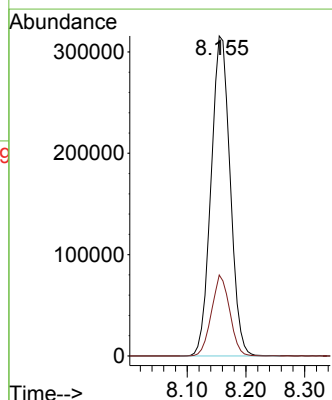
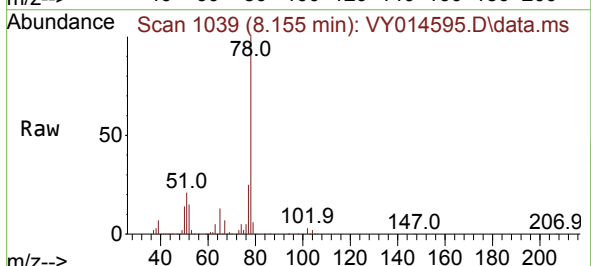
Acq: 07 Jul 2023 09:19

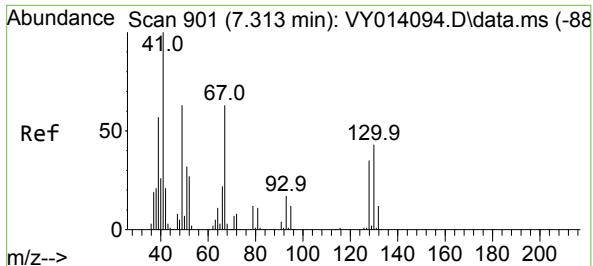
Tgt Ion: 78 Resp: 712659

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.6

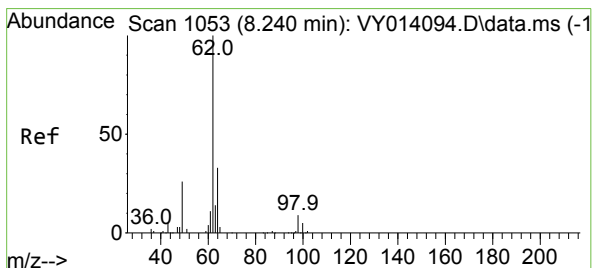
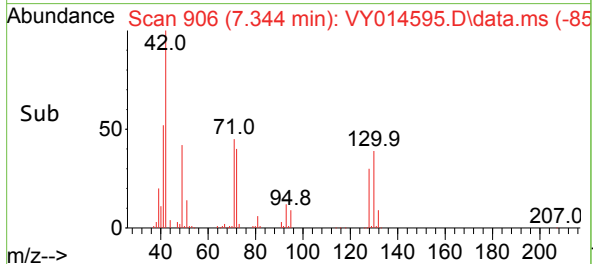
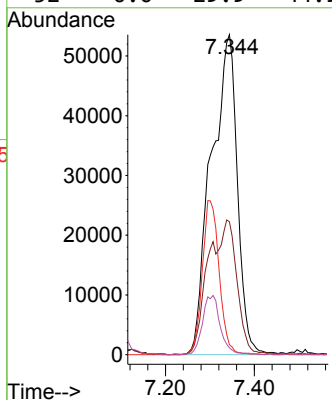
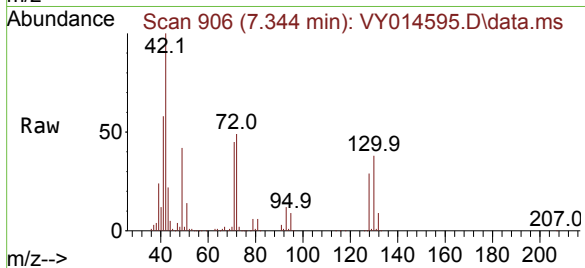




#41
Methacrylonitrile
Concen: 135.647 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

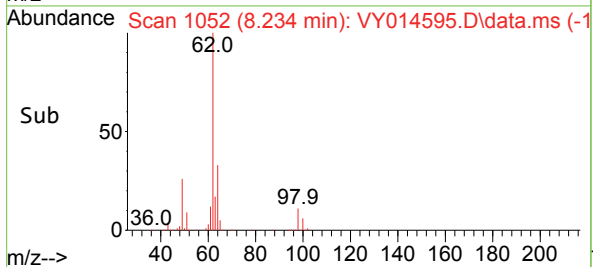
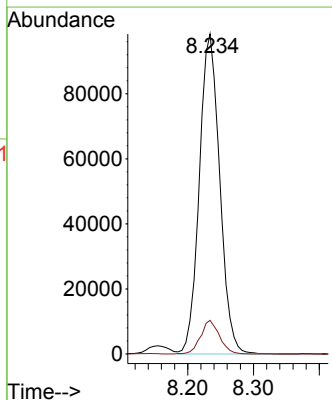
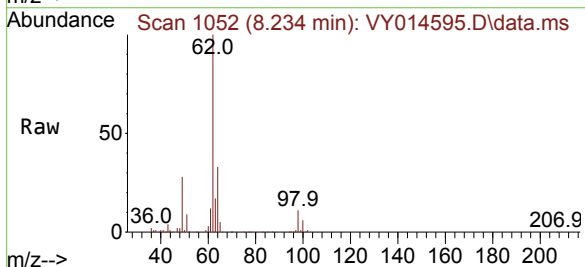
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

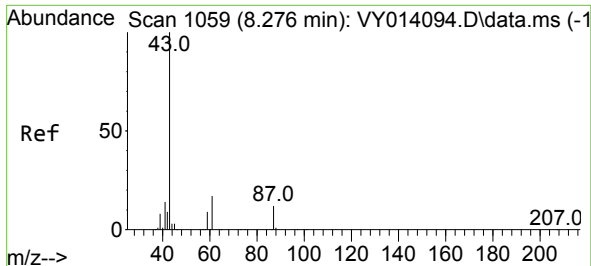
Tgt Ion:	41	Resp:	218345
Ion	Ratio	Lower	Upper
41	100		
39	22.2	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 49.663 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion:	62	Resp:	212288
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8

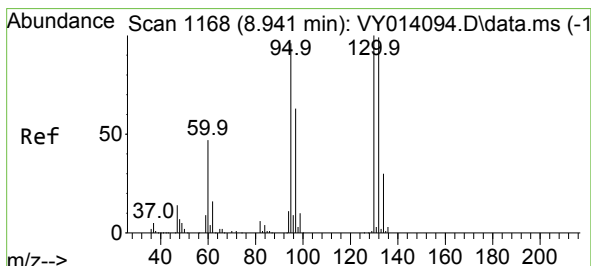
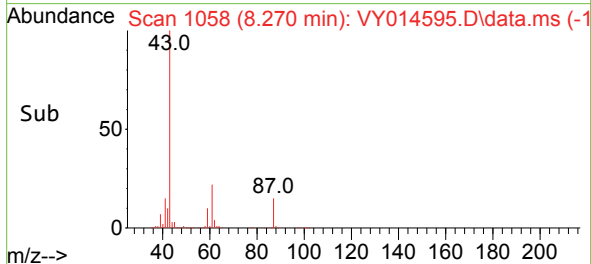
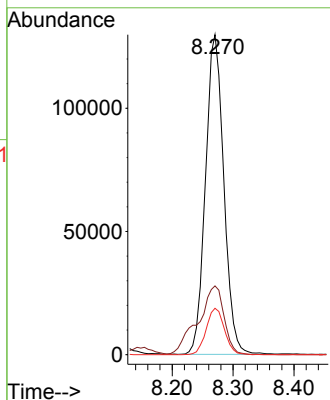
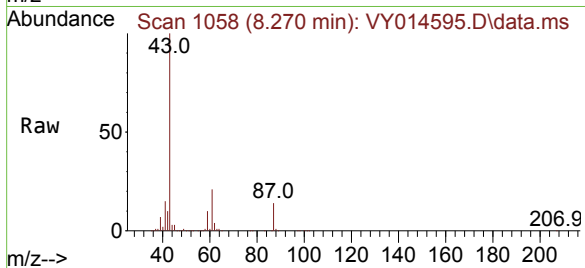




#43
Isopropyl Acetate
Concen: 48.606 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

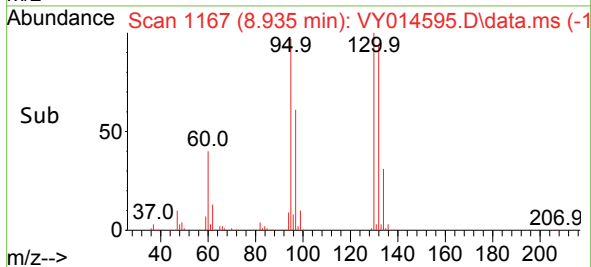
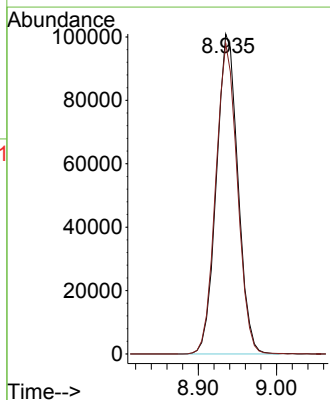
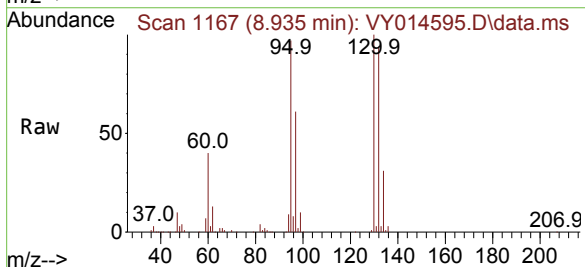
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

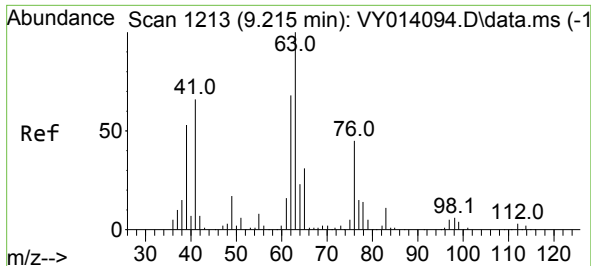
Tgt Ion: 43 Resp: 271398
Ion Ratio Lower Upper
43 100
61 30.5 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 47.564 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion:130 Resp: 192845
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.833 ug/l

RT: 9.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

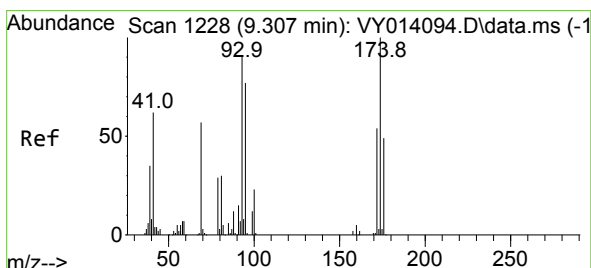
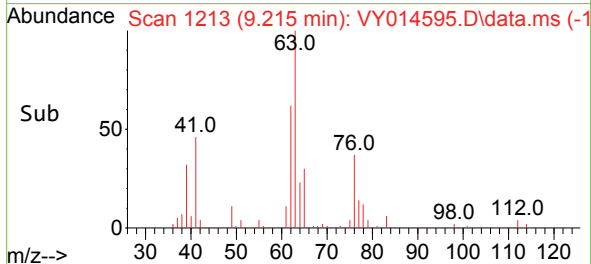
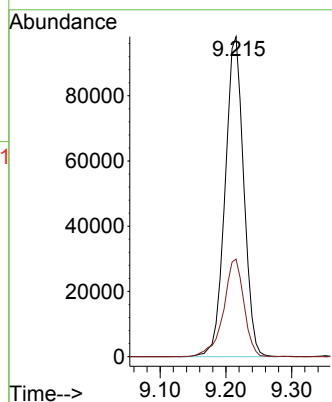
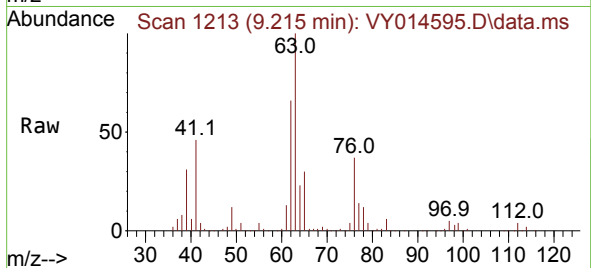
VSTDCCC050

Tgt Ion: 63 Resp: 193382

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 48.980 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

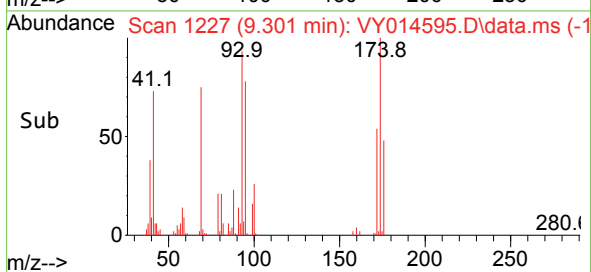
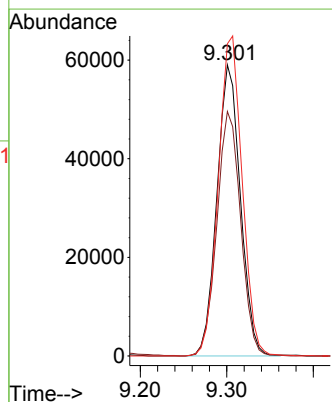
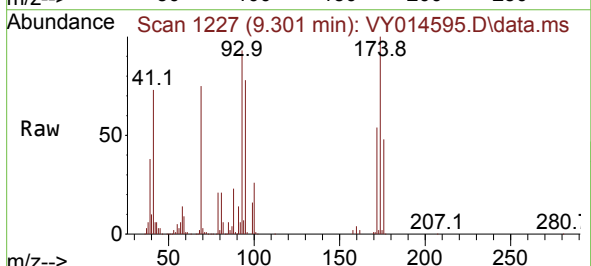
Tgt Ion: 93 Resp: 111247

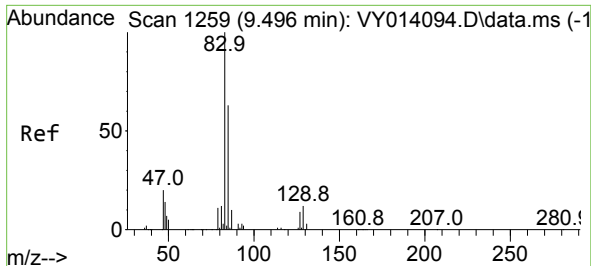
Ion Ratio Lower Upper

93 100

95 85.1 66.6 100.0

174 111.9 84.8 127.2

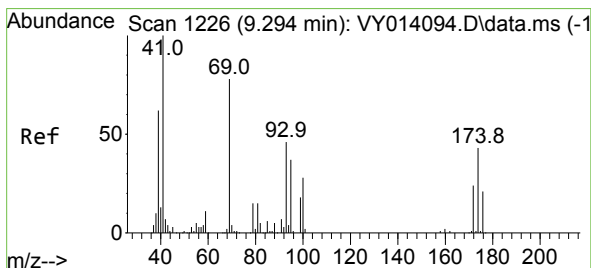
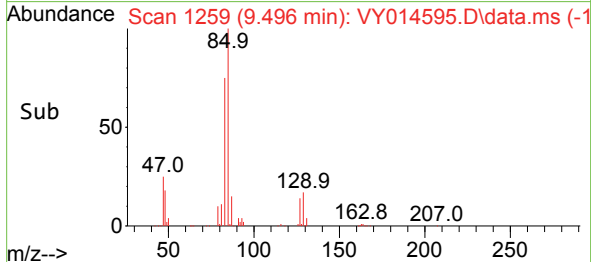
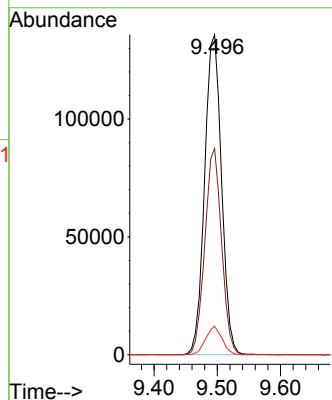
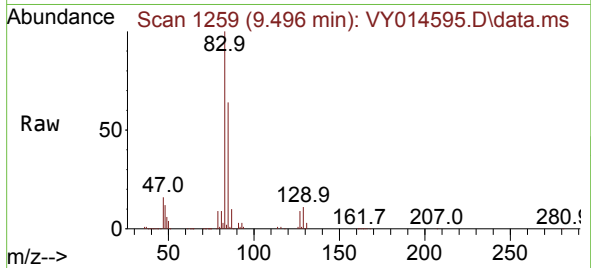




#47
Bromodichloromethane
Concen: 50.459 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

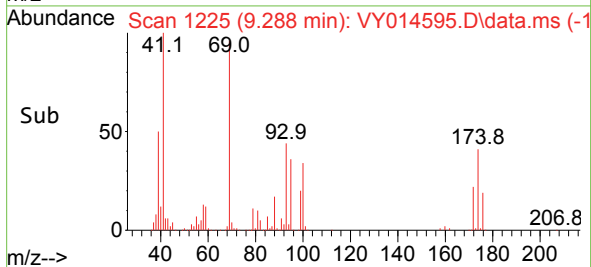
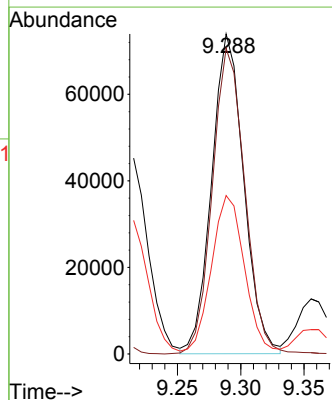
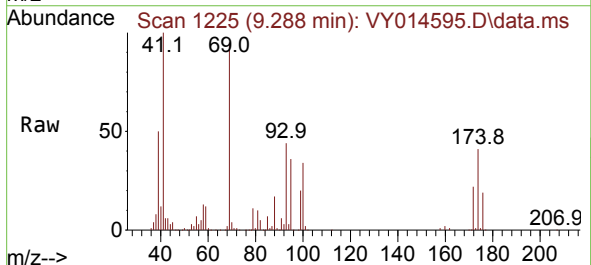
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

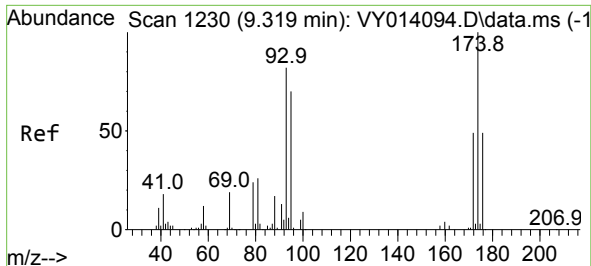
Tgt Ion: 83 Resp: 252519
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 51.420 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 41 Resp: 130563
Ion Ratio Lower Upper
41 100
69 96.4 64.5 96.7
39 49.3 50.8 76.2#





#49

1,4-Dioxane

Concen: 903.354 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

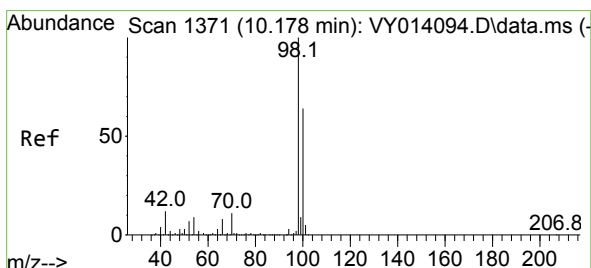
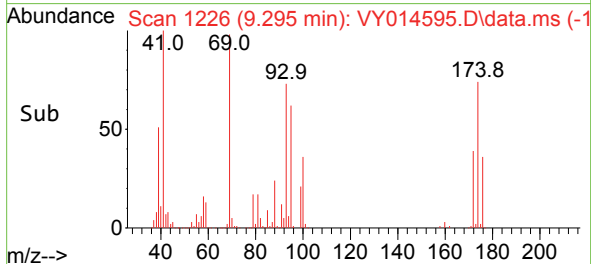
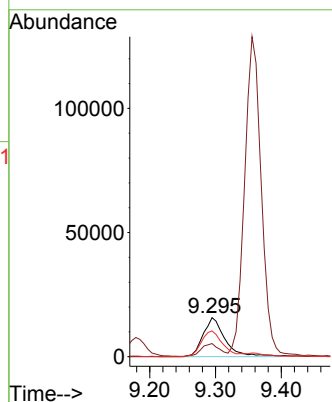
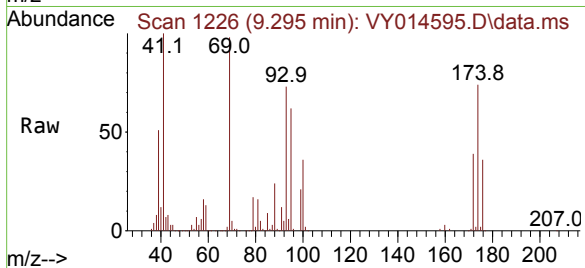
Tgt Ion: 88 Resp: 36638

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

58 65.1 30.9 46.3#



#50

Toluene-d8

Concen: 50.116 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014595.D

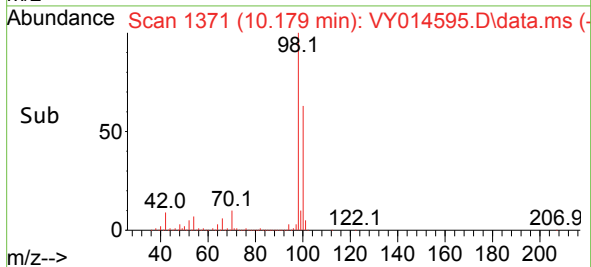
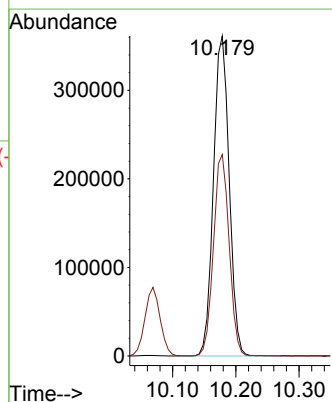
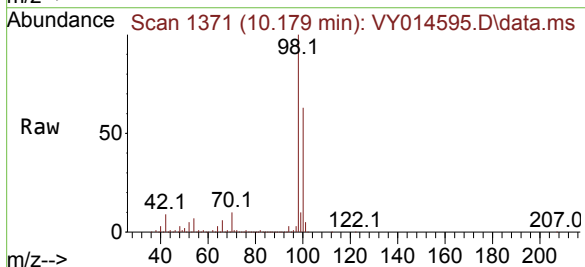
Acq: 07 Jul 2023 09:19

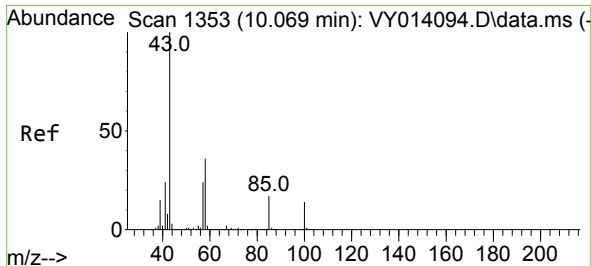
Tgt Ion: 98 Resp: 621532

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1

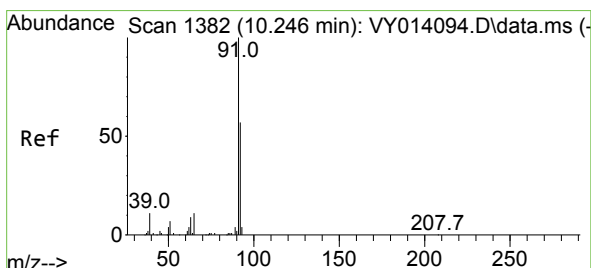
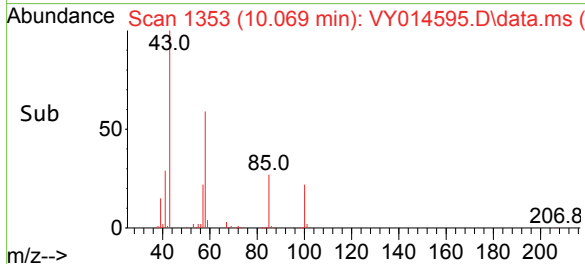
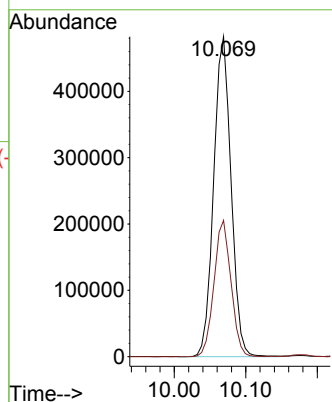
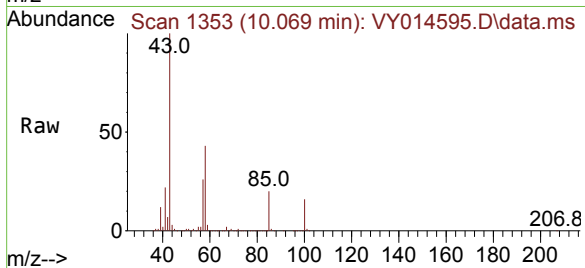




#51
4-Methyl-2-Pentanone
Concen: 246.033 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

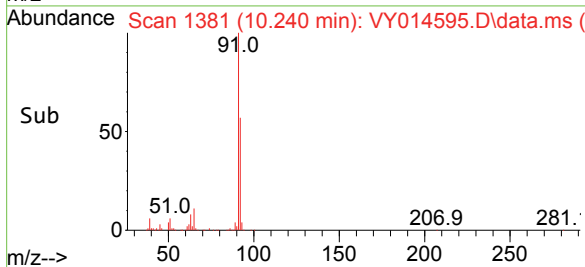
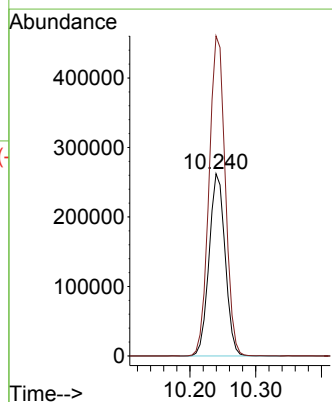
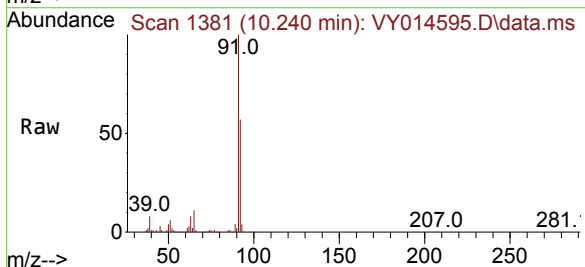
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

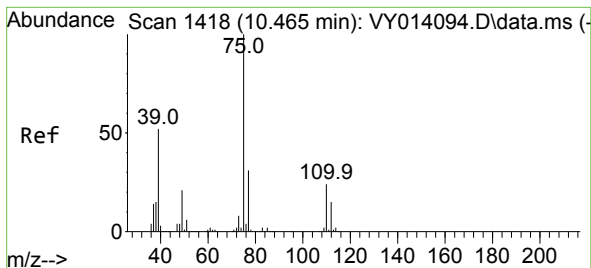
Tgt Ion: 43 Resp: 813307
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6



#52
Toluene
Concen: 48.611 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 92 Resp: 444876
Ion Ratio Lower Upper
92 100
91 177.2 143.8 215.6

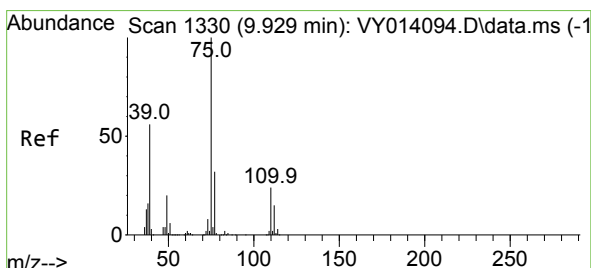
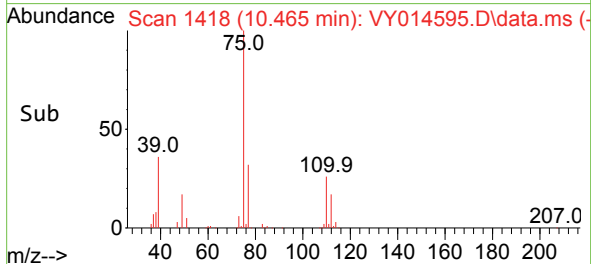
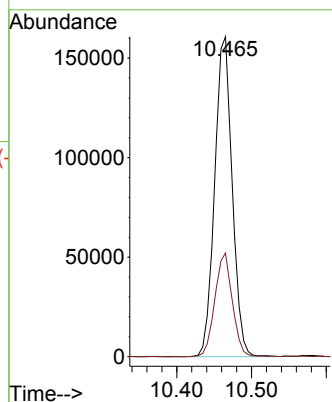
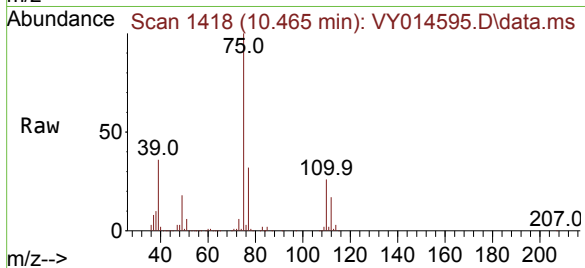




#53
t-1,3-Dichloropropene
Concen: 49.001 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

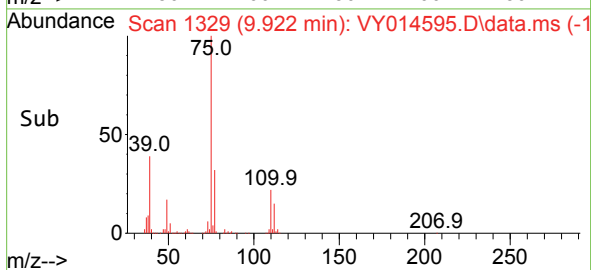
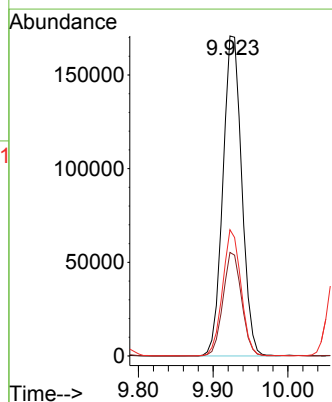
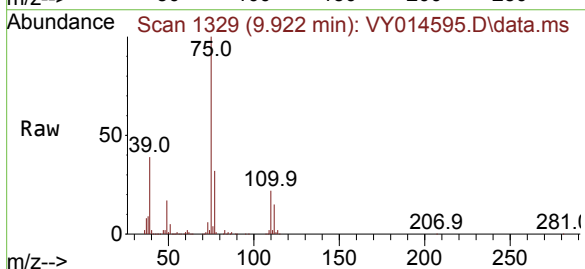
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

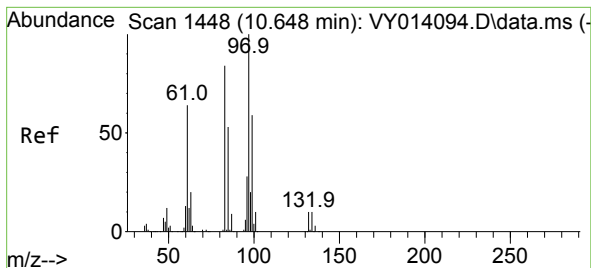
Tgt Ion: 75 Resp: 262233
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.293 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.007 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 75 Resp: 300294
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 39.4 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 47.983 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 158579

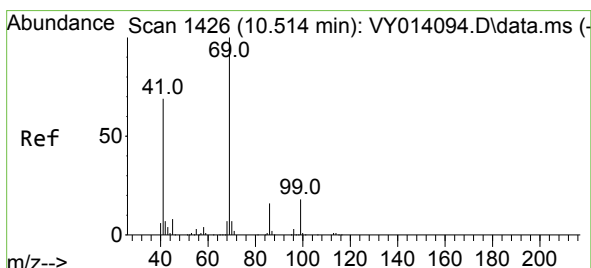
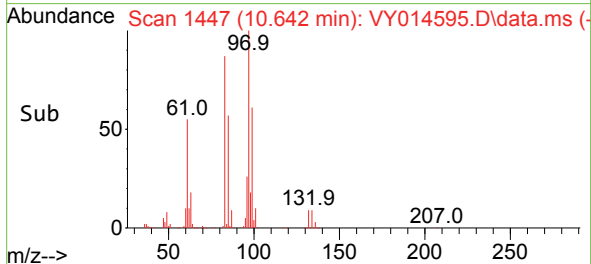
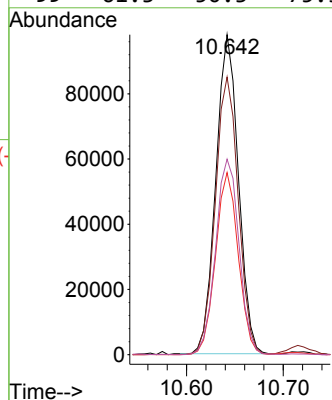
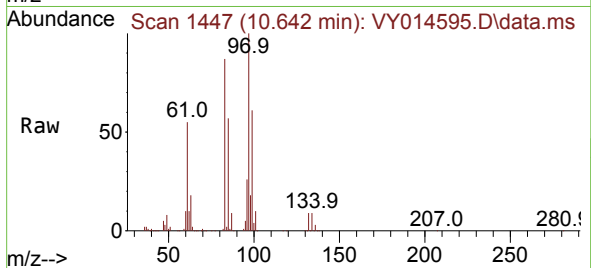
Ion Ratio Lower Upper

97 100

83 86.9 72.0 108.0

85 57.1 45.4 68.0

99 61.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.460 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

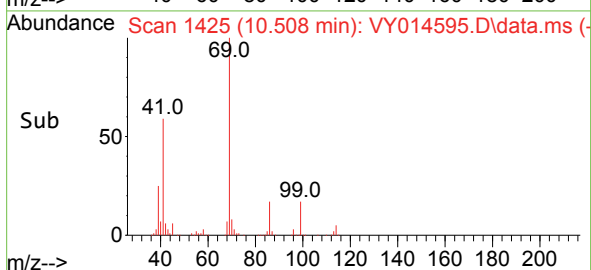
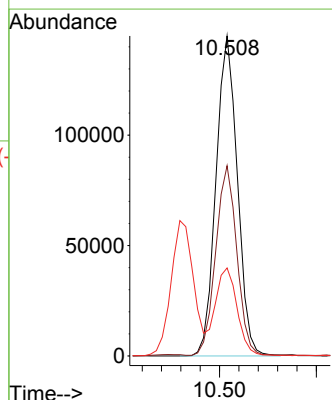
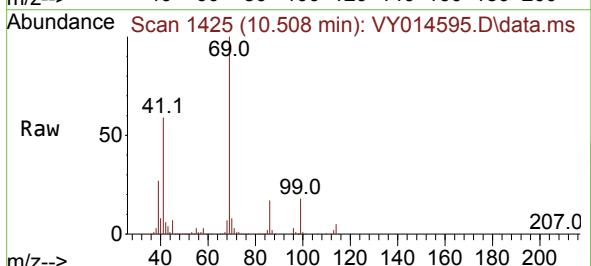
Tgt Ion: 69 Resp: 222355

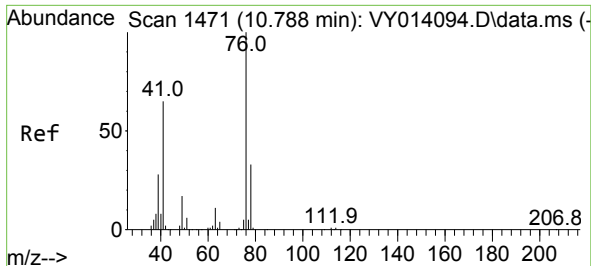
Ion Ratio Lower Upper

69 100

41 58.6 57.6 86.4

39 28.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 49.190 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

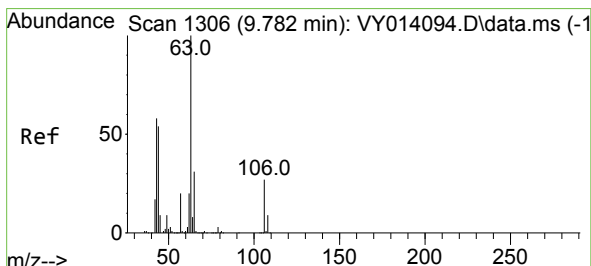
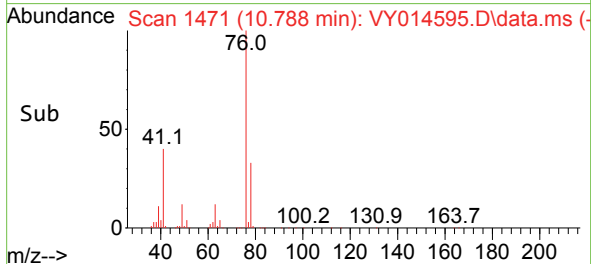
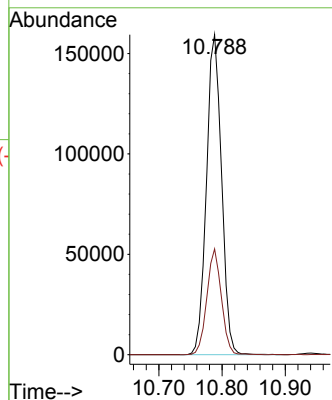
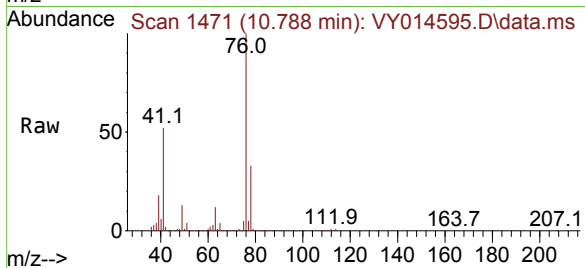
VSTDCCC050

Tgt Ion: 76 Resp: 264885

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 256.097 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014595.D

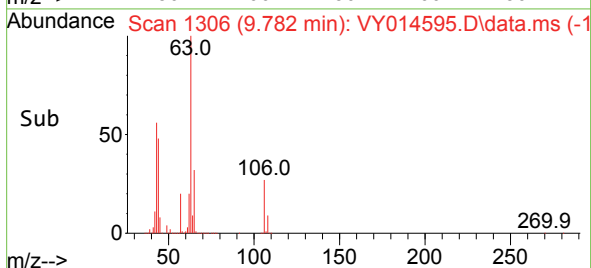
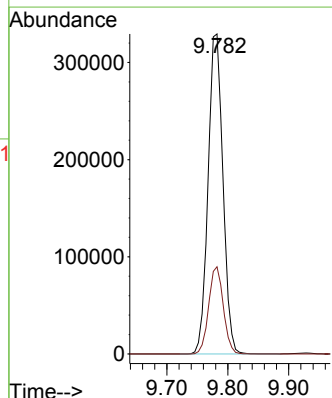
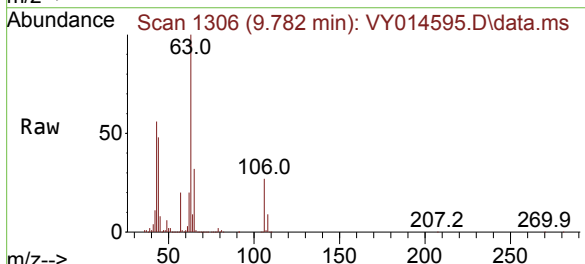
Acq: 07 Jul 2023 09:19

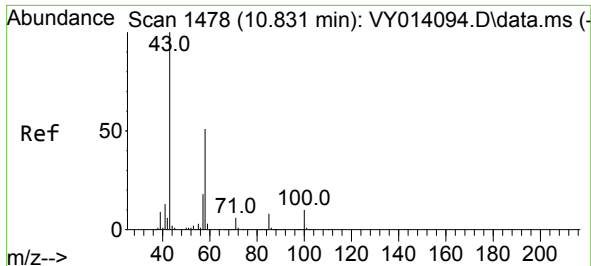
Tgt Ion: 63 Resp: 557764

Ion Ratio Lower Upper

63 100

106 26.8 21.2 31.8

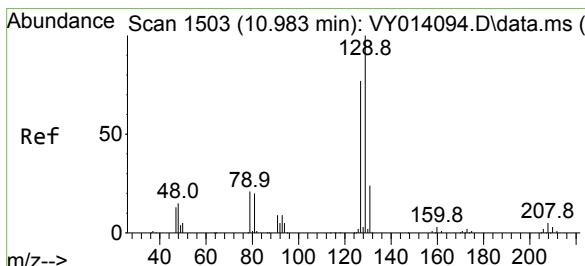
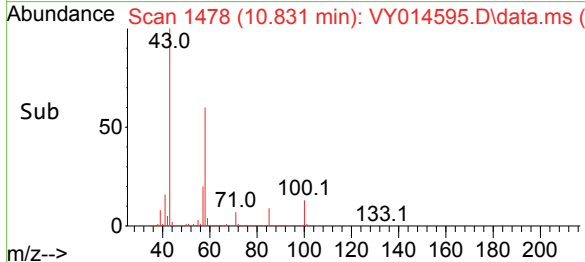
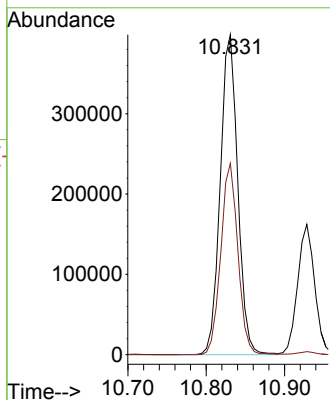
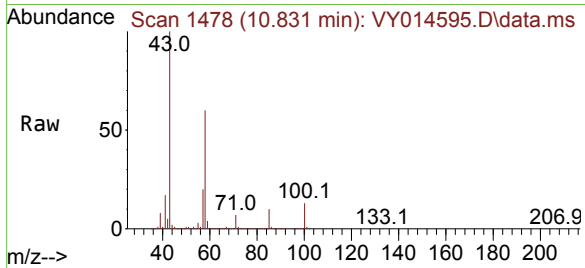




#59
2-Hexanone
Concen: 259.286 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

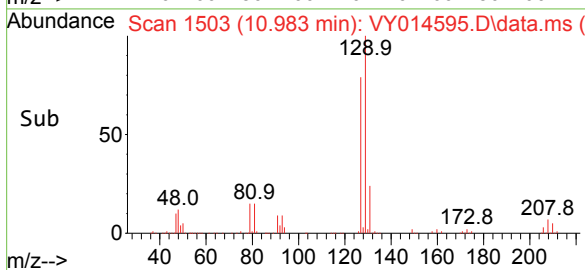
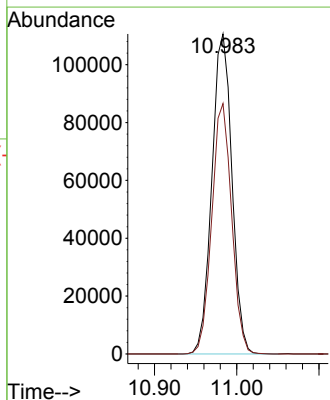
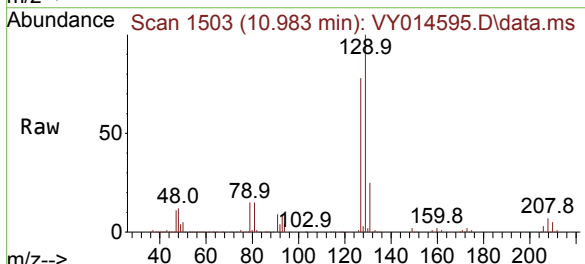
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

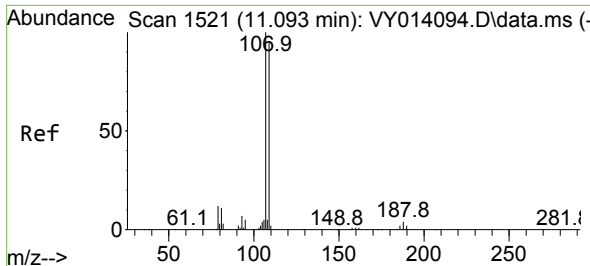
Tgt Ion: 43 Resp: 619147
Ion Ratio Lower Upper
43 100
58 58.5 25.1 75.3



#60
Dibromochloromethane
Concen: 48.411 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 129 Resp: 187473
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

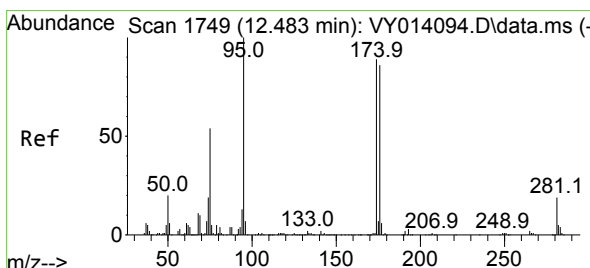
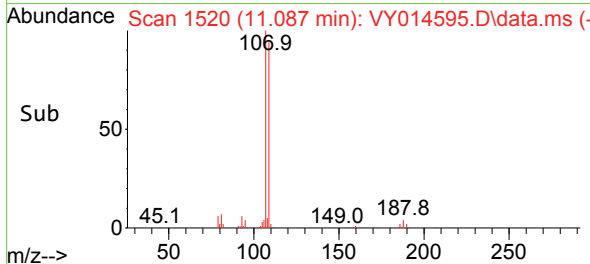
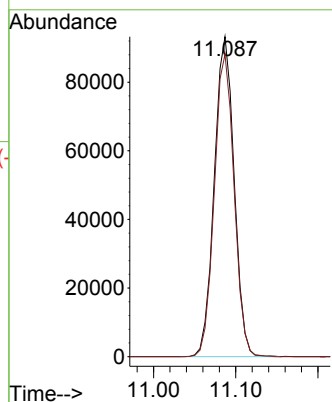
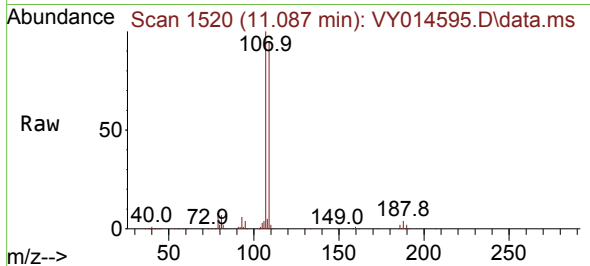




#61
1,2-Dibromoethane
Concen: 48.470 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

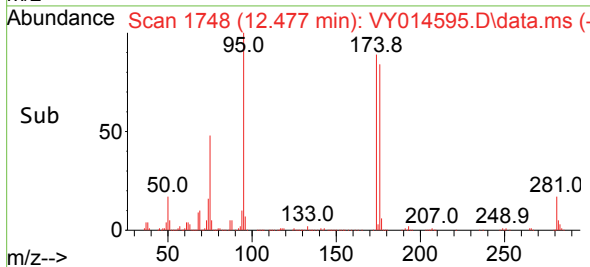
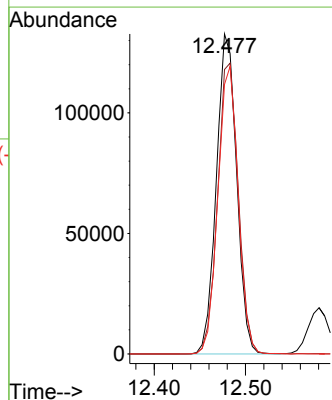
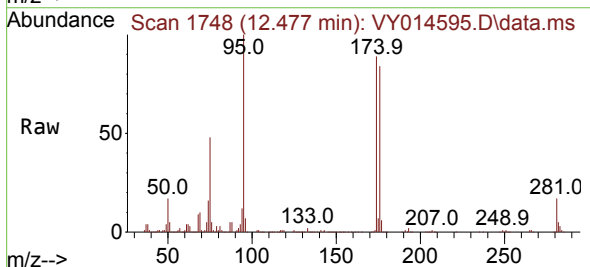
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

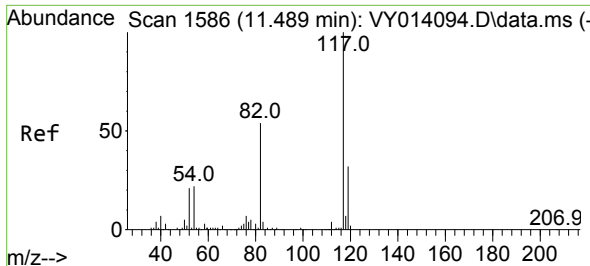
Tgt Ion:107 Resp: 156390
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.530 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 95 Resp: 204687
Ion Ratio Lower Upper
95 100
174 92.8 0.0 178.2
176 90.1 0.0 173.8

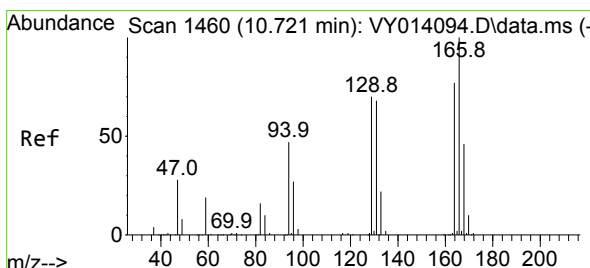
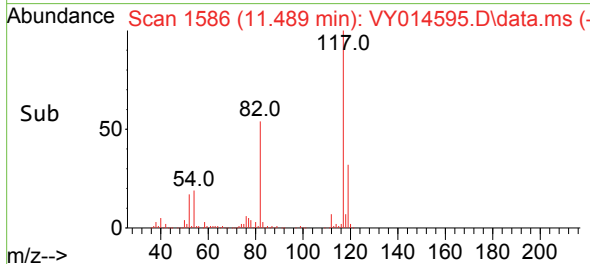
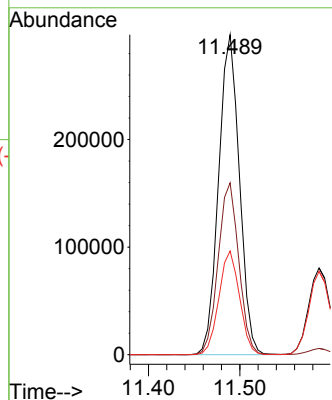
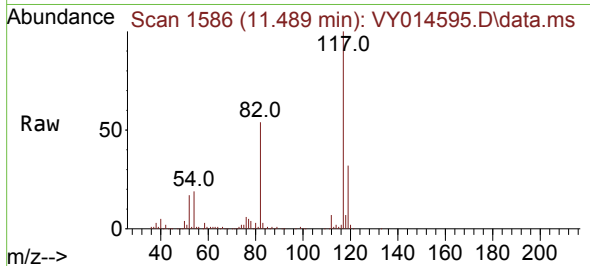




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

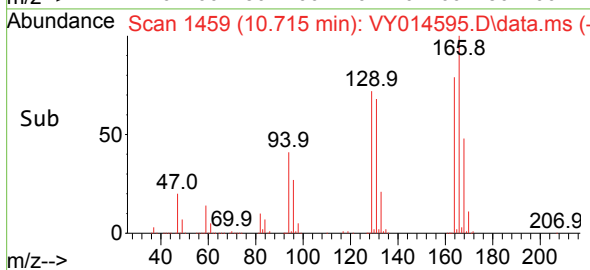
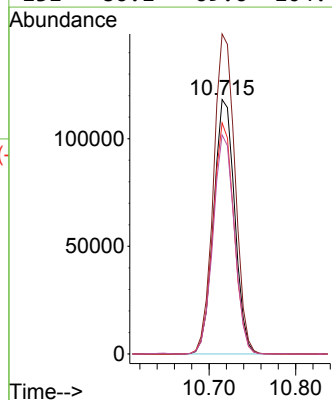
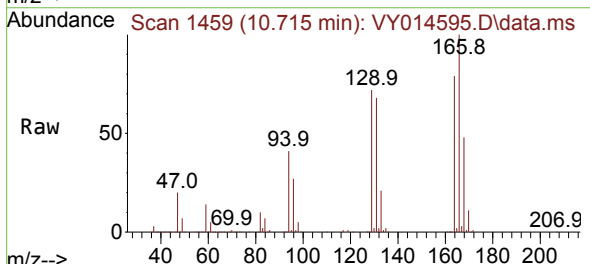
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

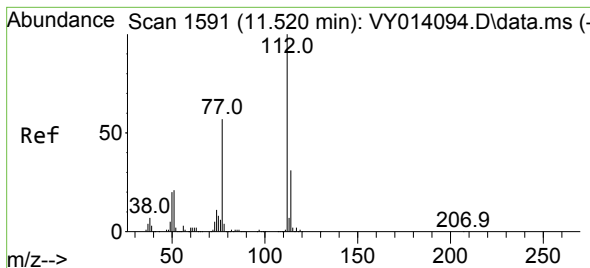
Tgt Ion:117 Resp: 470392
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 47.523 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion:164 Resp: 199834
Ion Ratio Lower Upper
164 100
166 125.8 103.0 154.6
129 90.8 77.2 115.8
131 86.1 69.6 104.4





#65

Chlorobenzene

Concen: 48.122 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

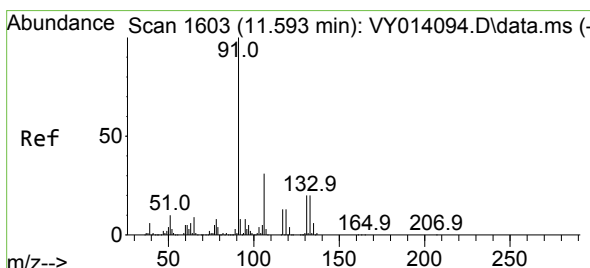
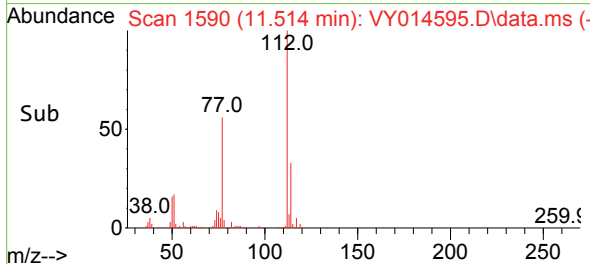
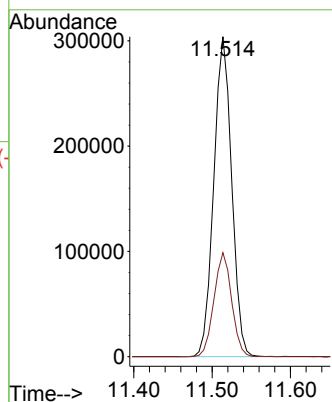
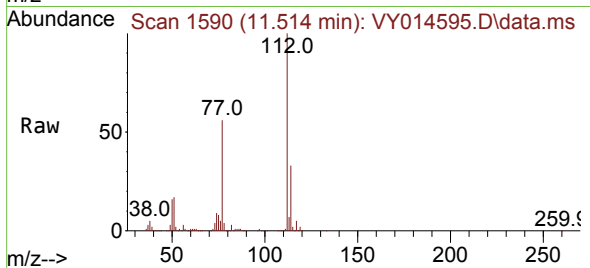
VSTDCCC050

Tgt Ion:112 Resp: 482399

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.222 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

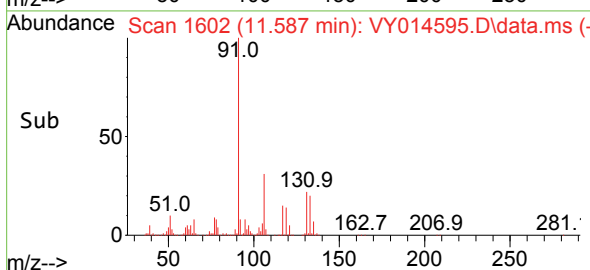
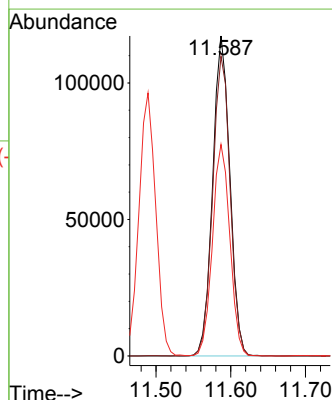
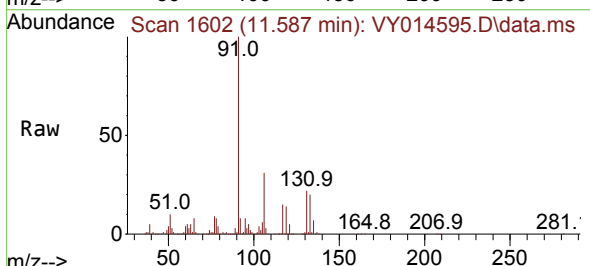
Tgt Ion:131 Resp: 187538

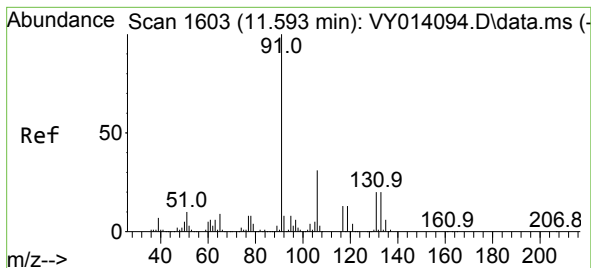
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 66.9 31.6 94.7

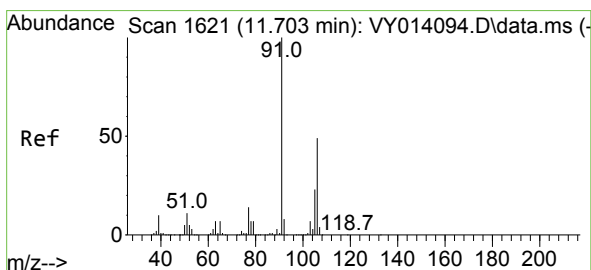
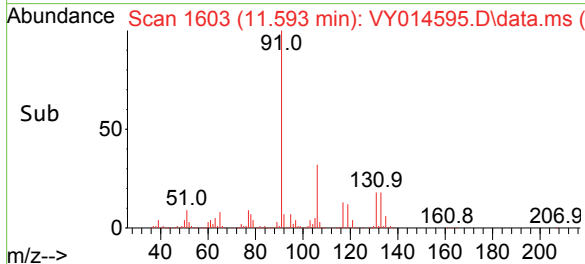
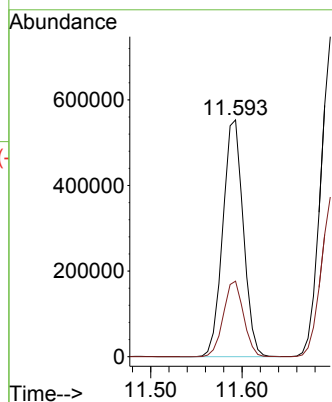
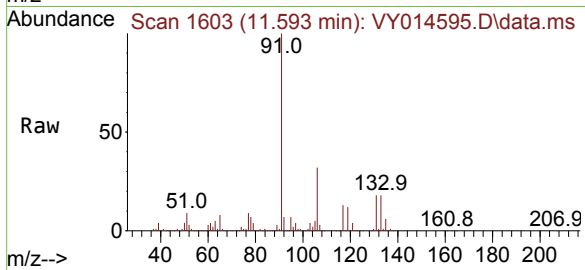




#67
Ethyl Benzene
Concen: 50.399 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

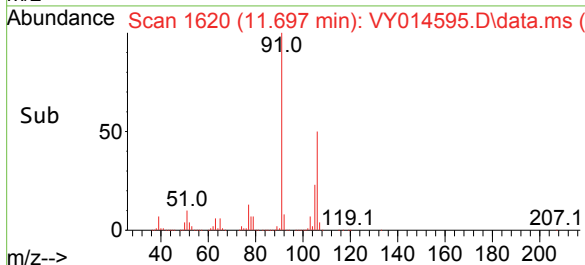
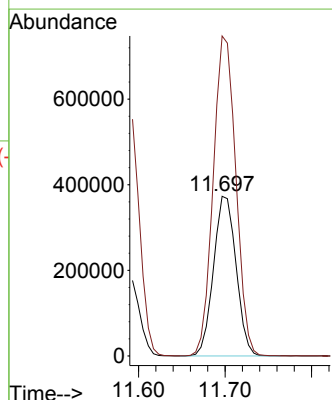
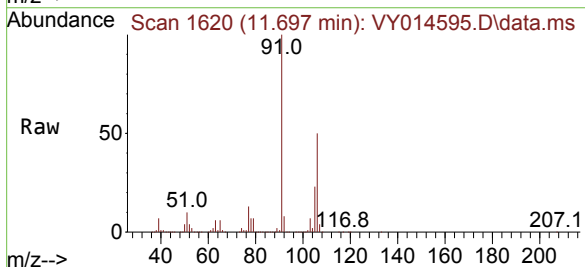
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

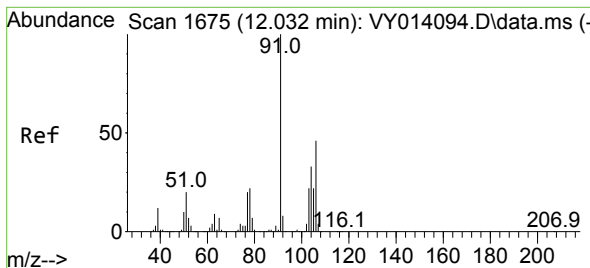
Tgt Ion: 91 Resp: 861561
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8



#68
m/p-Xylenes
Concen: 99.572 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 106 Resp: 675191
Ion Ratio Lower Upper
106 100
91 201.1 166.1 249.1





#69

o-Xylene

Concen: 49.152 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

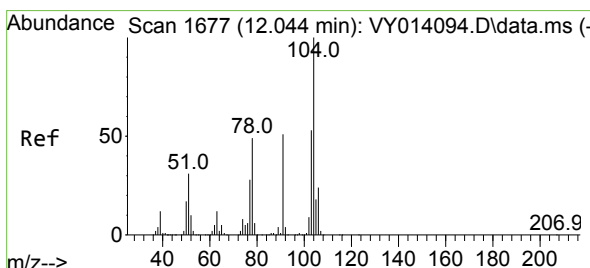
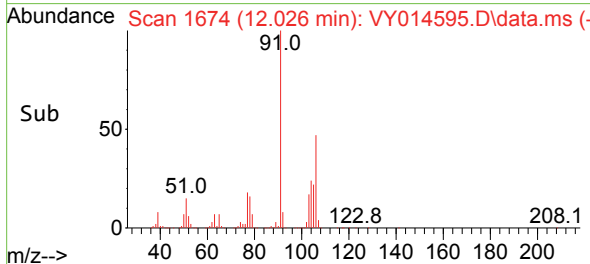
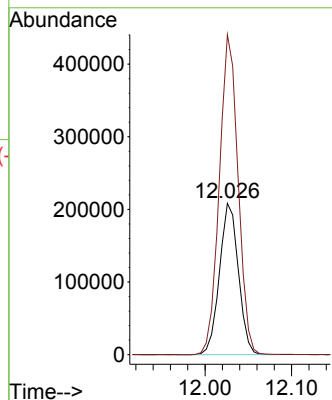
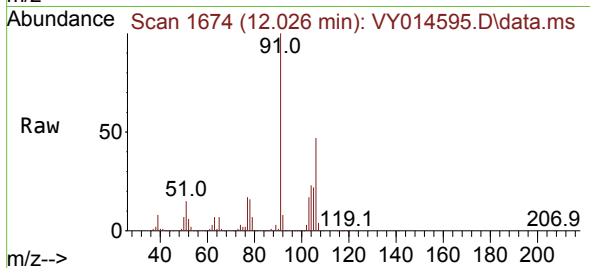
VSTDCCC050

Tgt Ion:106 Resp: 316117

Ion Ratio Lower Upper

106 100

91 209.9 108.1 324.3



#70

Styrene

Concen: 50.375 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

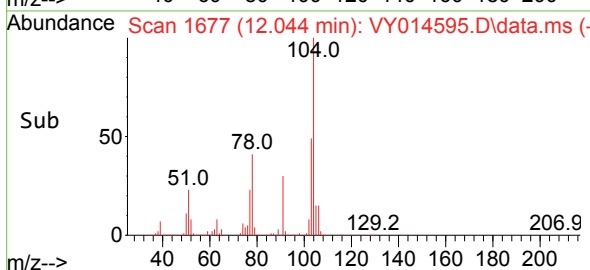
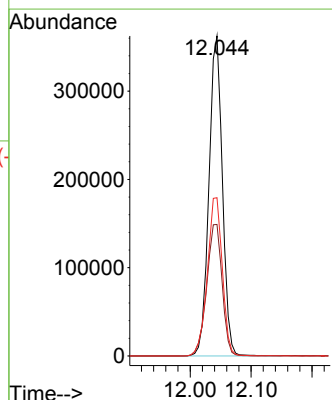
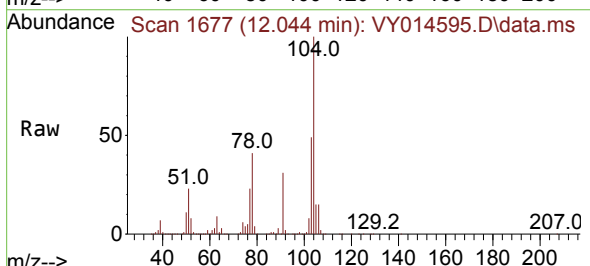
Tgt Ion:104 Resp: 557414

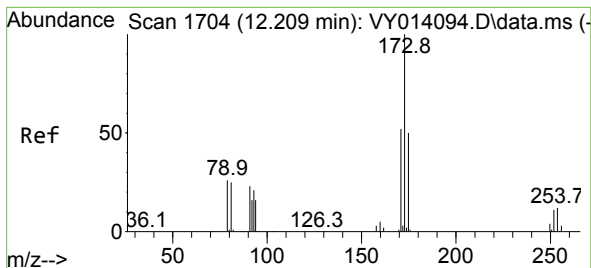
Ion Ratio Lower Upper

104 100

78 47.0 41.5 62.3

103 55.0 44.6 67.0





#71

Bromoform

Concen: 46.789 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

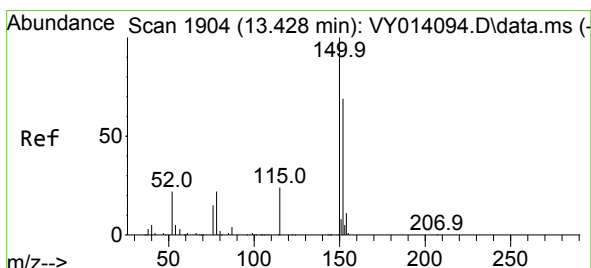
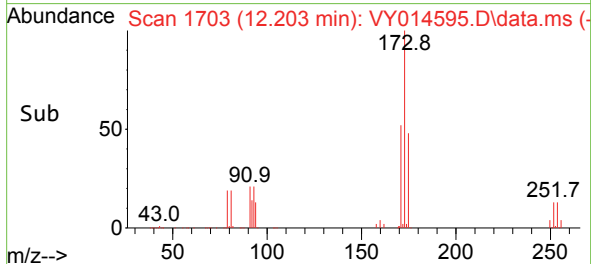
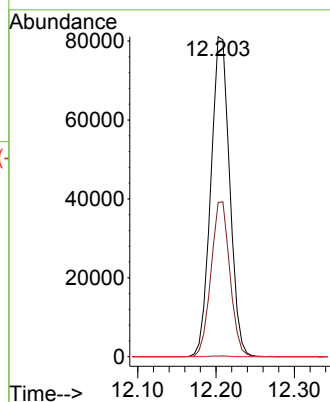
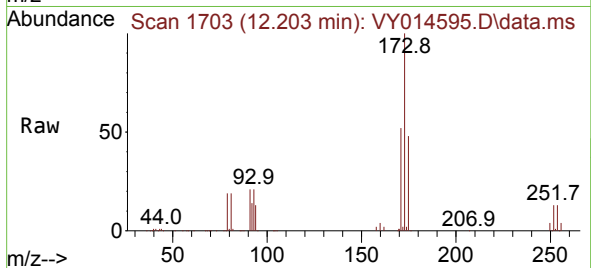
Tgt Ion:173 Resp: 135434

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.3 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

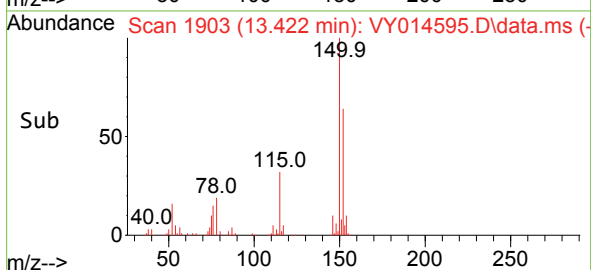
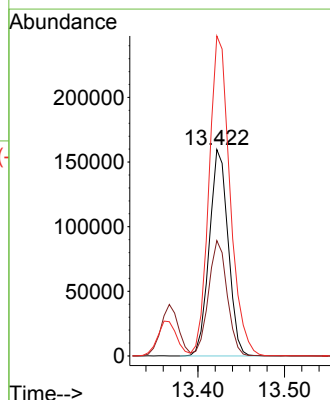
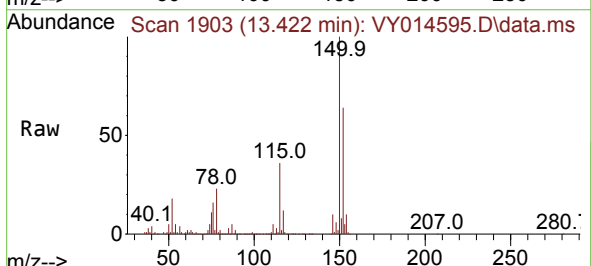
Tgt Ion:152 Resp: 241170

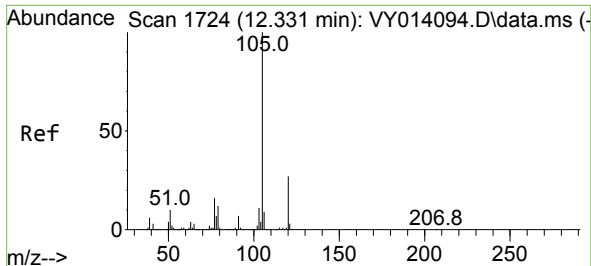
Ion Ratio Lower Upper

152 100

115 55.3 28.8 86.5

150 172.7 0.0 348.8

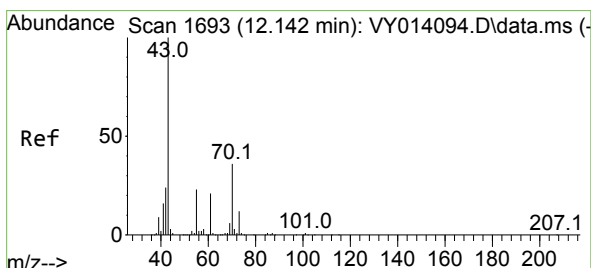
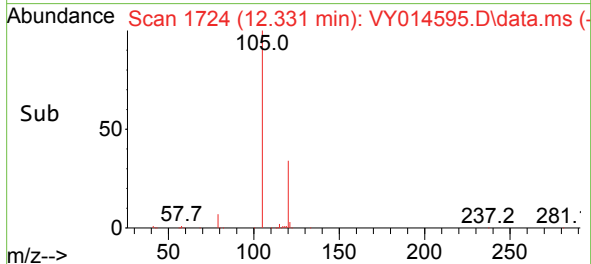
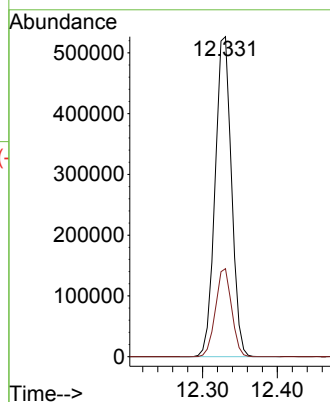
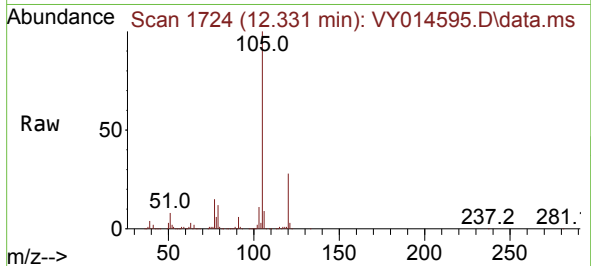




#73
Isopropylbenzene
Concen: 50.860 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

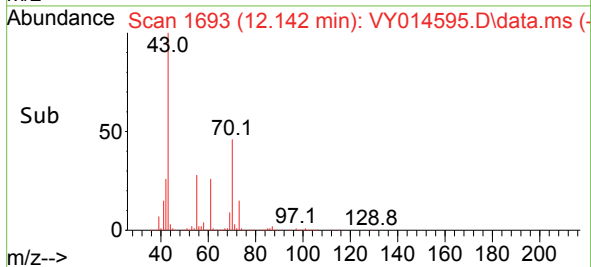
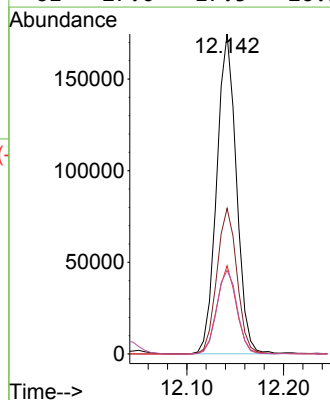
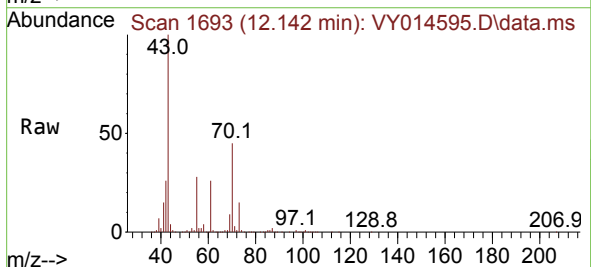
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

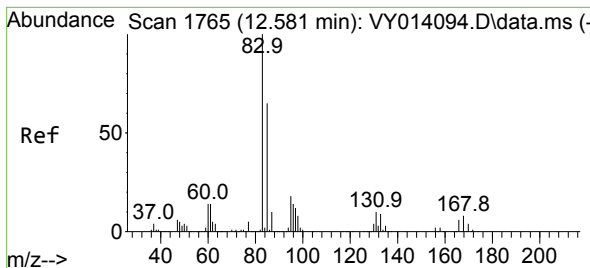
Tgt Ion:105 Resp: 803332
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 51.721 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 43 Resp: 246556
Ion Ratio Lower Upper
43 100
70 46.5 29.7 44.5#
55 27.5 18.3 27.5#
61 27.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.825 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

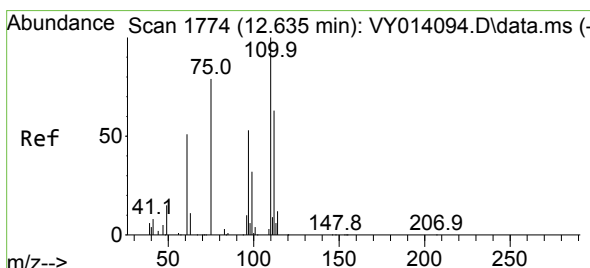
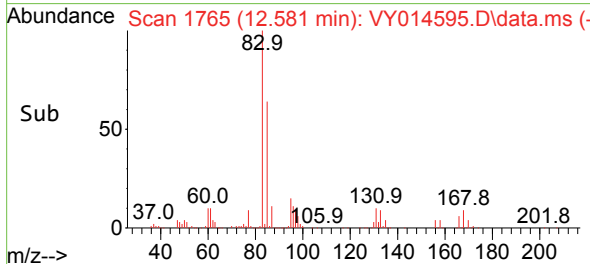
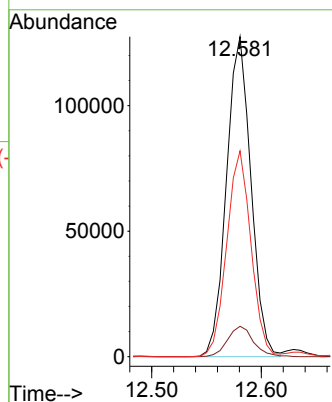
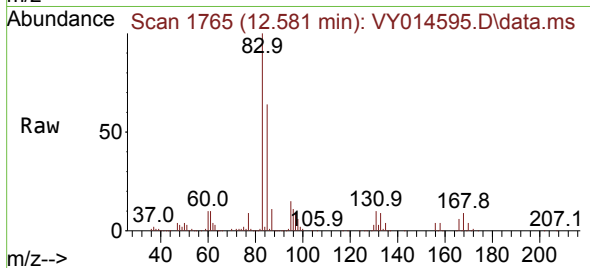
Tgt Ion: 83 Resp: 197903

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.254 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014595.D

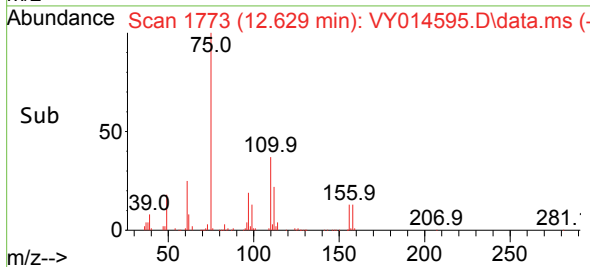
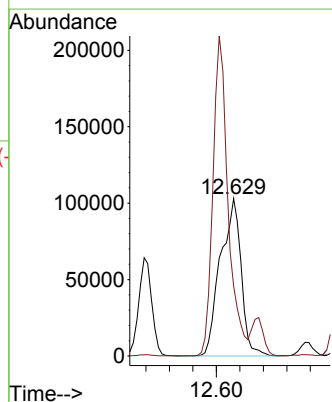
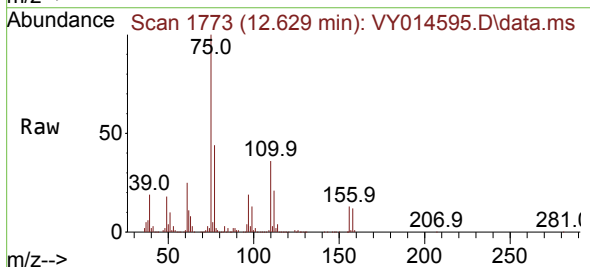
Acq: 07 Jul 2023 09:19

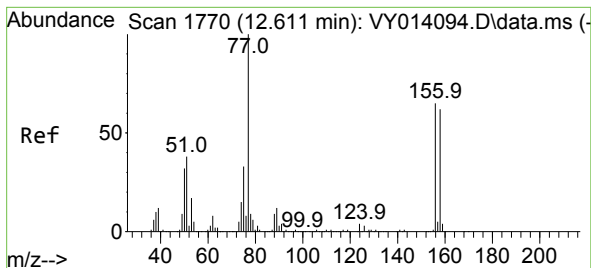
Tgt Ion: 75 Resp: 252593

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.487 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

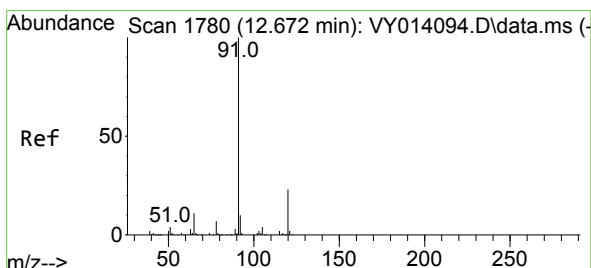
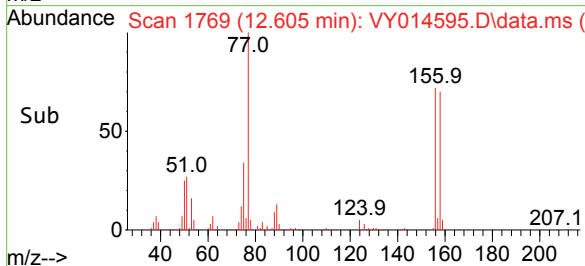
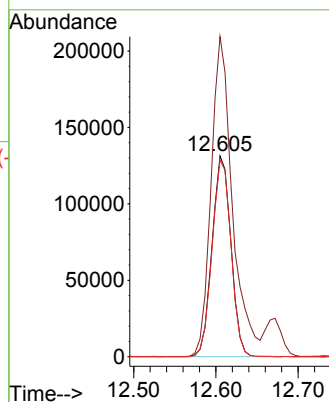
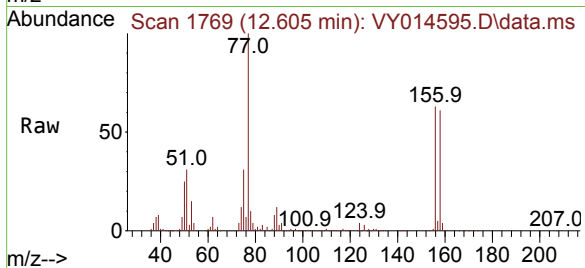
Tgt Ion:156 Resp: 209177

Ion Ratio Lower Upper

156 100

77 179.8 92.8 278.6

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 51.870 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014595.D

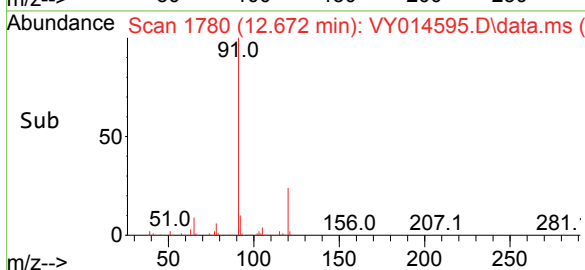
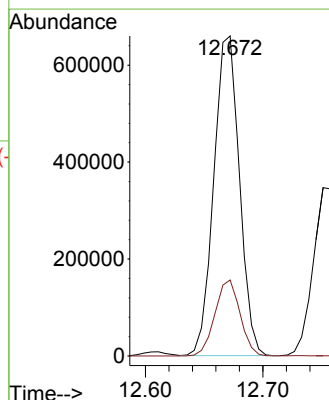
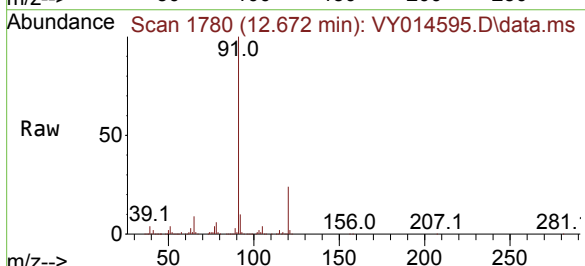
Acq: 07 Jul 2023 09:19

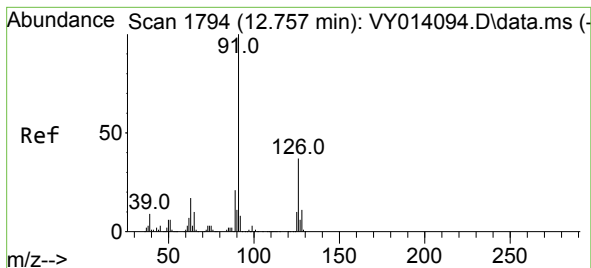
Tgt Ion: 91 Resp: 999392

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

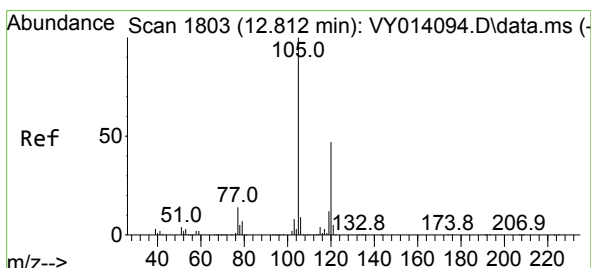
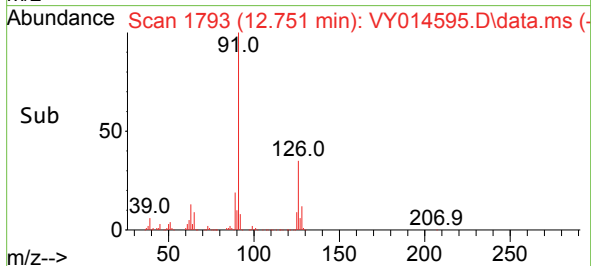
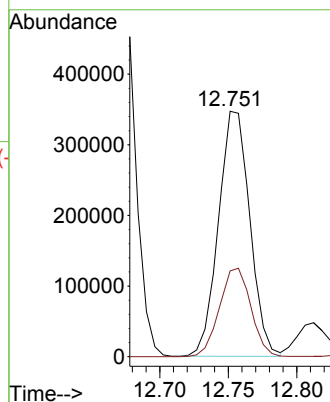
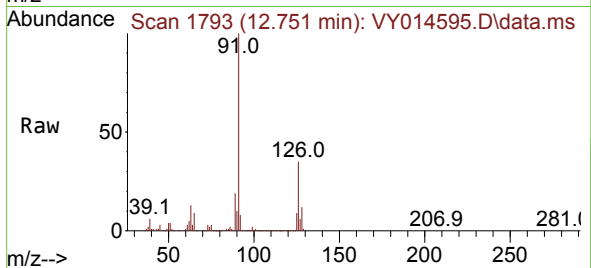




#79
2-Chlorotoluene
Concen: 49.956 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

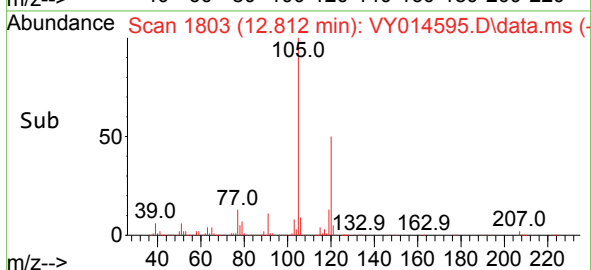
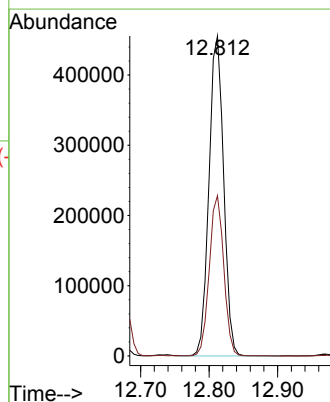
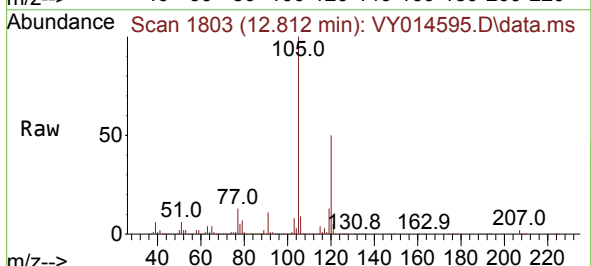
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

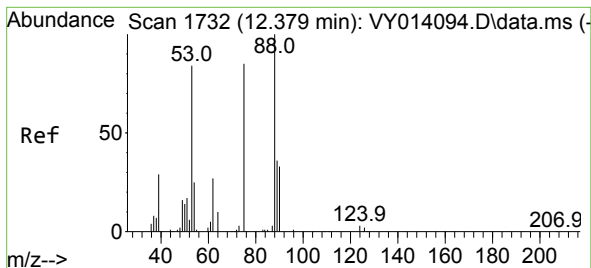
Tgt Ion: 91 Resp: 553917
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.786 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 105 Resp: 679085
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

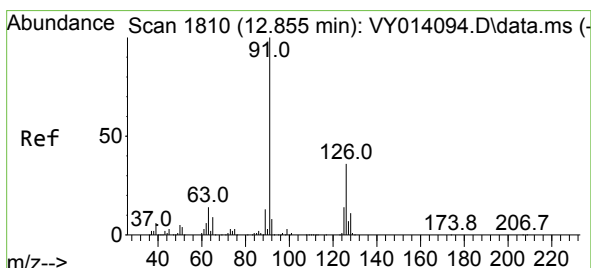
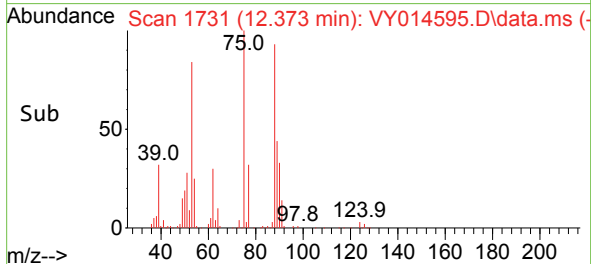
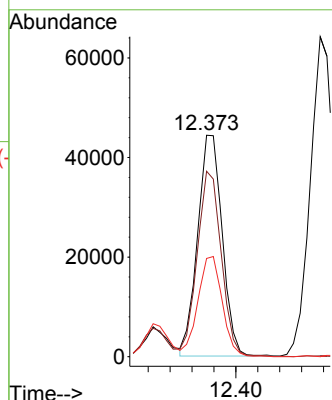
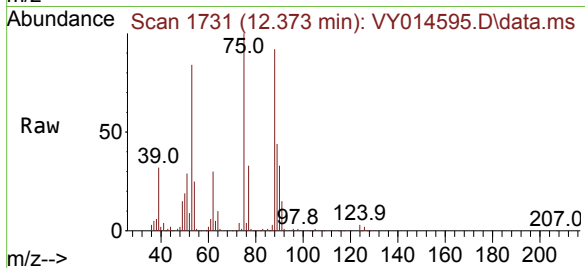




#81
trans-1,4-Dichloro-2-butene
Concen: 47.495 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

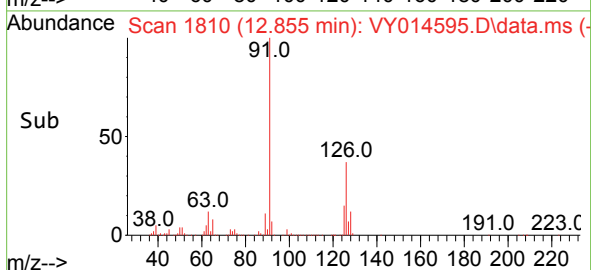
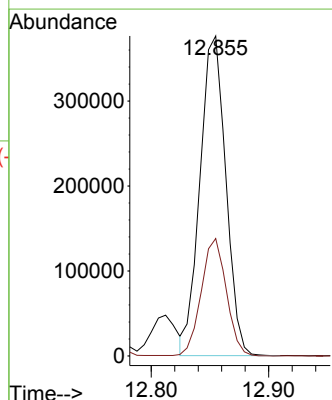
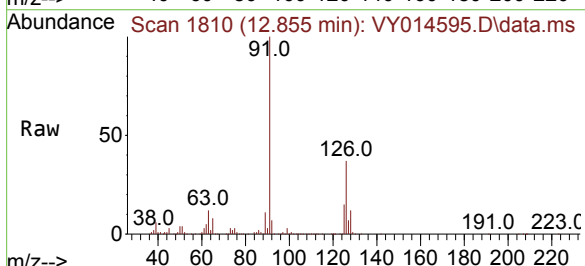
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

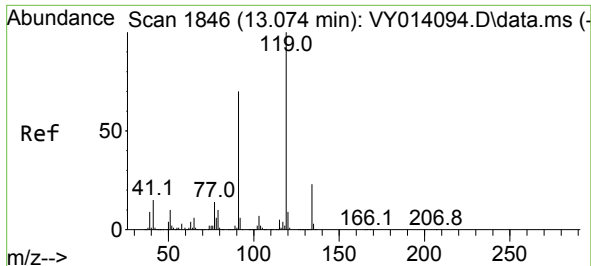
Tgt Ion: 75 Resp: 69057
Ion Ratio Lower Upper
75 100
53 83.3 77.8 116.8
89 45.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.552 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion: 91 Resp: 575618
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6

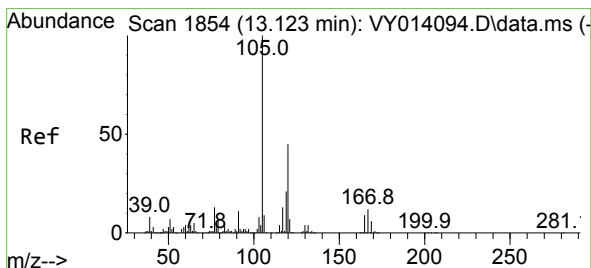
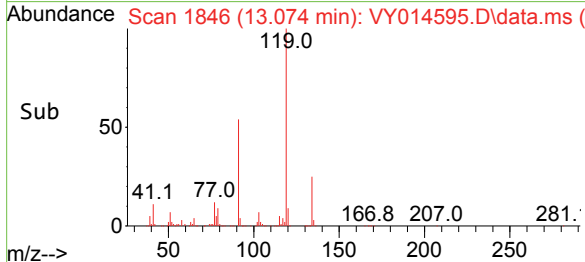
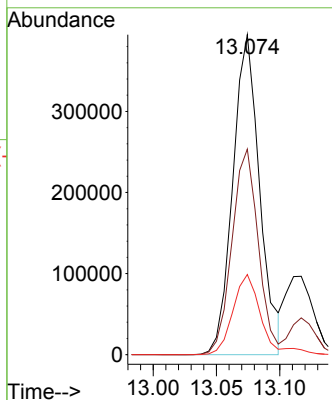
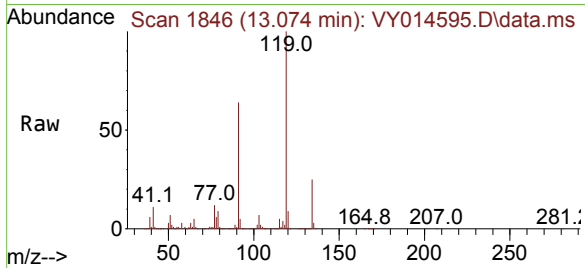




#83
 tert-Butylbenzene
 Concen: 49.644 ug/l
 RT: 13.074 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

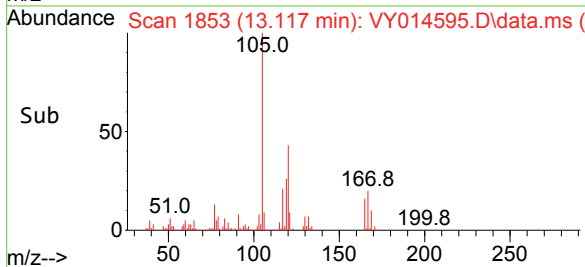
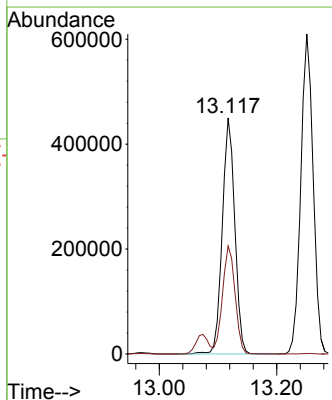
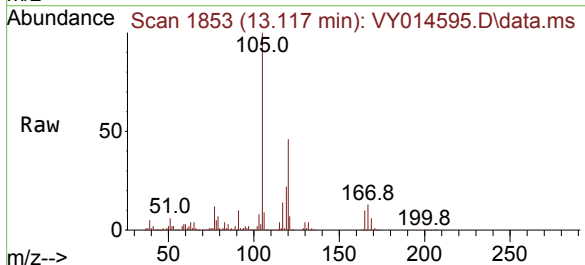
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

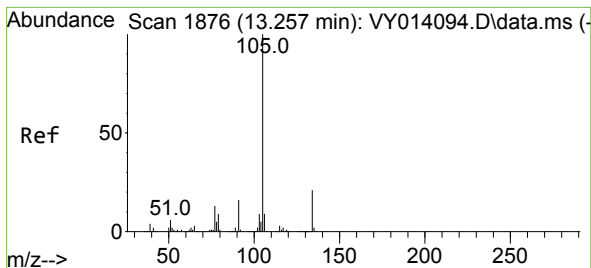
Tgt Ion:119 Resp: 583391
 Ion Ratio Lower Upper
 119 100
 91 63.0 32.9 98.6
 134 26.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.828 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

Tgt Ion:105 Resp: 664860
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.065 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

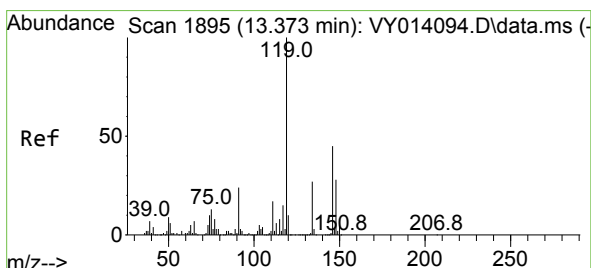
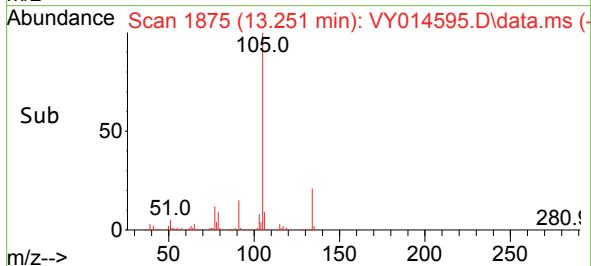
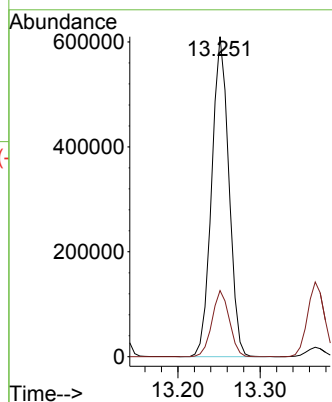
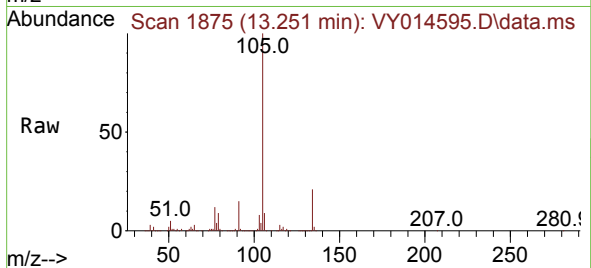
VSTDCCC050

Tgt Ion:105 Resp: 885517

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.417 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

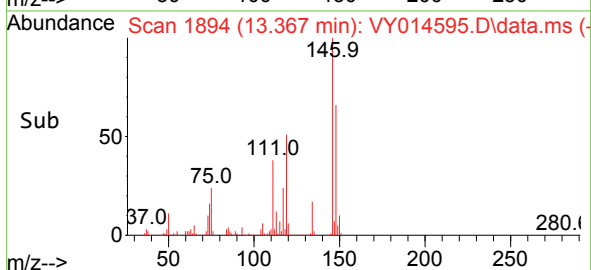
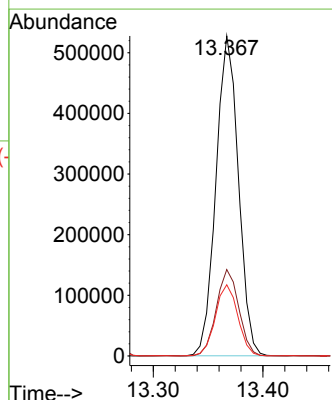
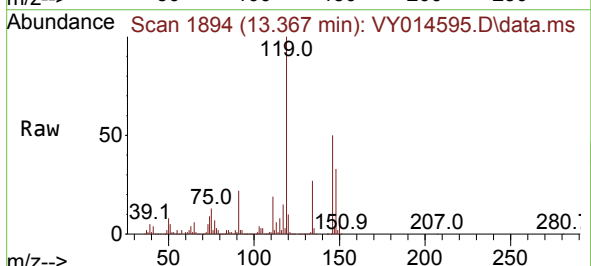
Tgt Ion:119 Resp: 750345

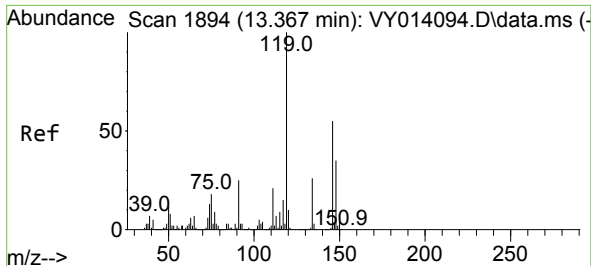
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 22.3 12.4 37.4

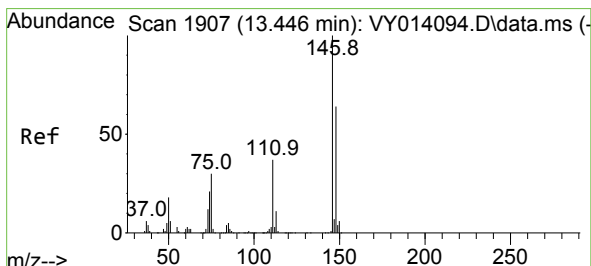
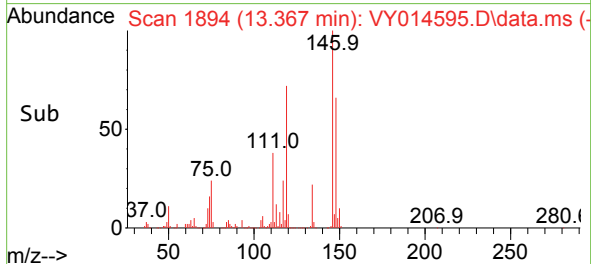
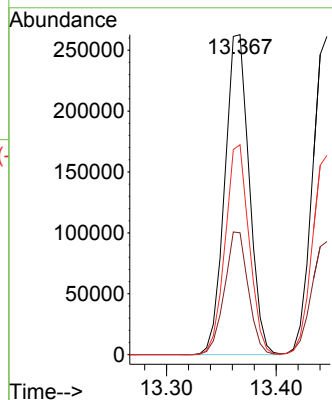
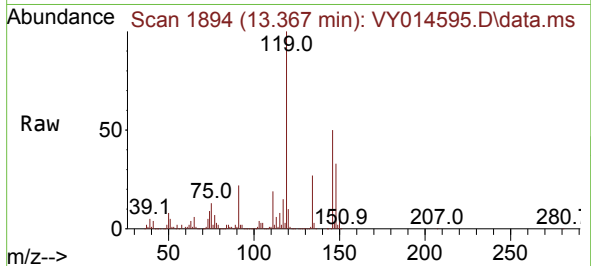




#87
 1,3-Dichlorobenzene
 Concen: 48.272 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

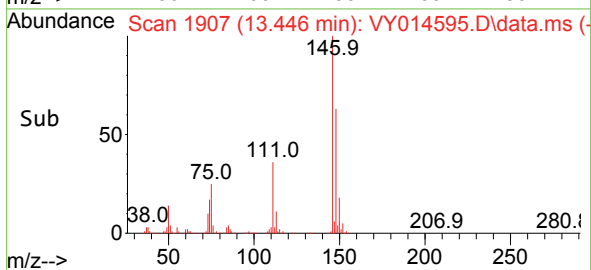
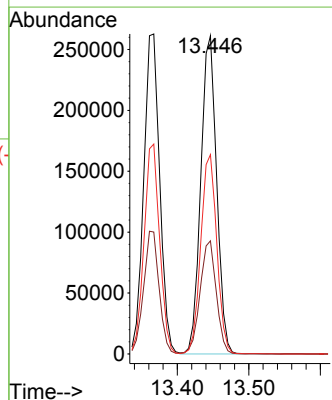
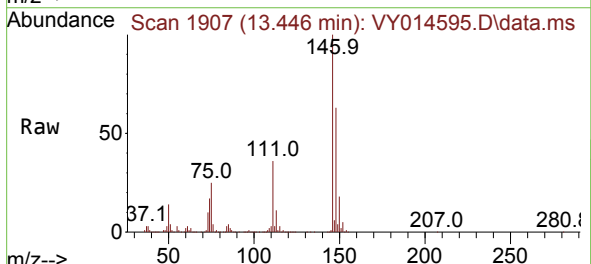
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

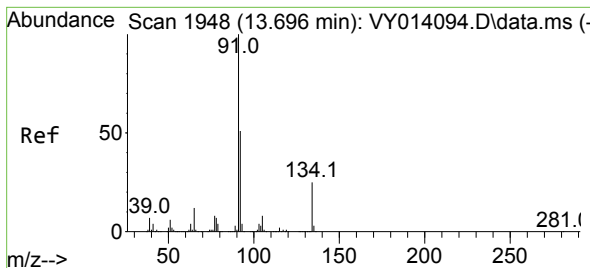
Tgt Ion:146 Resp: 407174
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.4 58.2
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.546 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY014595.D
 Acq: 07 Jul 2023 09:19

Tgt Ion:146 Resp: 401923
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.9 56.7
 148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 51.621 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

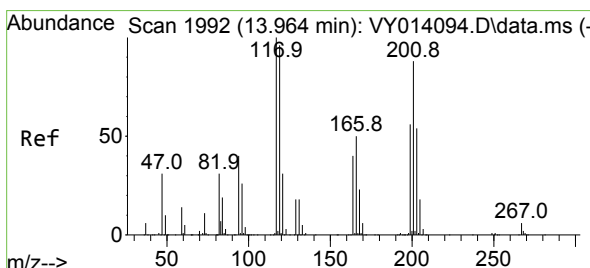
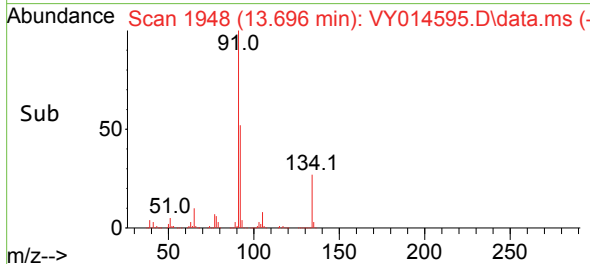
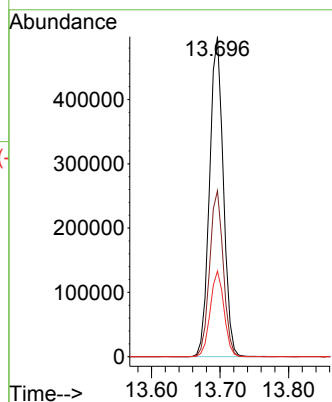
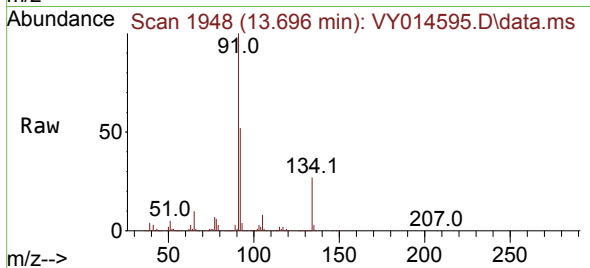
Tgt Ion: 91 Resp: 696192

Ion Ratio Lower Upper

91 100

92 51.6 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 50.878 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014595.D

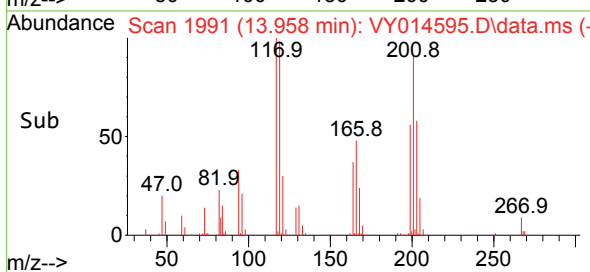
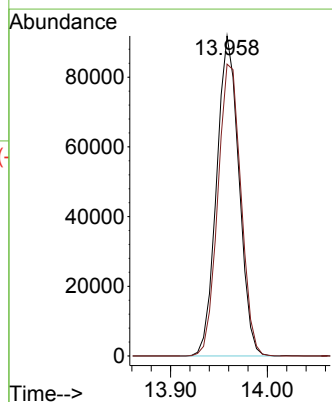
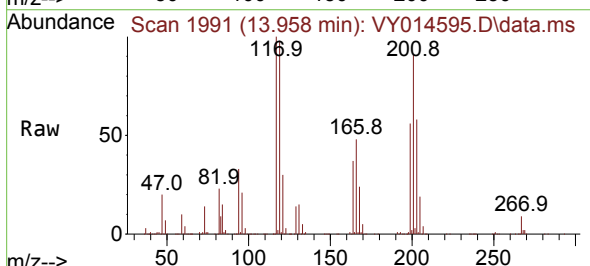
Acq: 07 Jul 2023 09:19

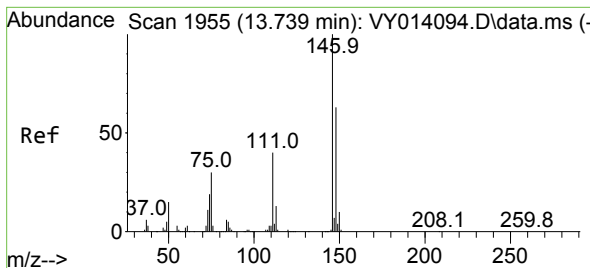
Tgt Ion: 117 Resp: 147074

Ion Ratio Lower Upper

117 100

201 94.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.616 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

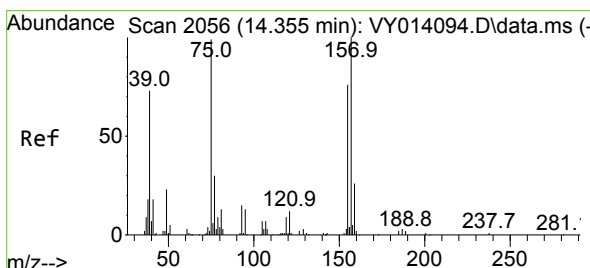
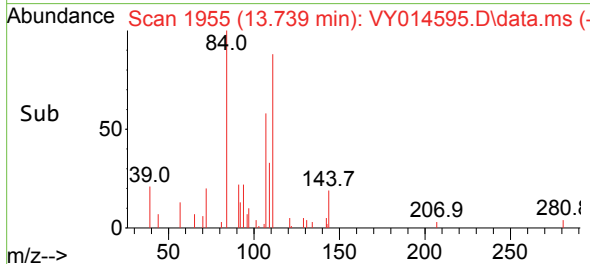
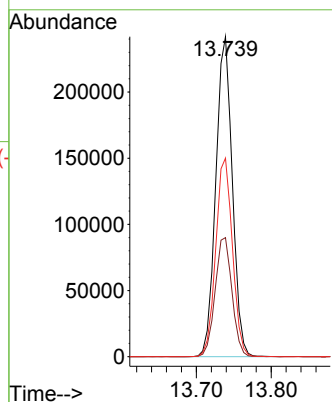
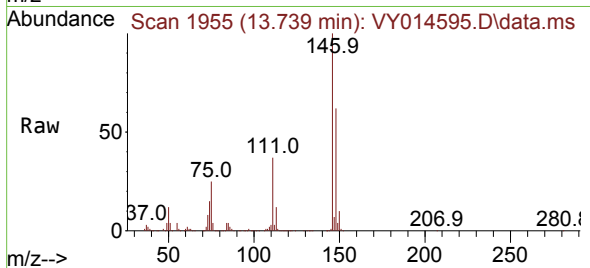
Tgt Ion:146 Resp: 371445

Ion Ratio Lower Upper

146 100

111 38.1 19.7 59.0

148 62.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.315 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

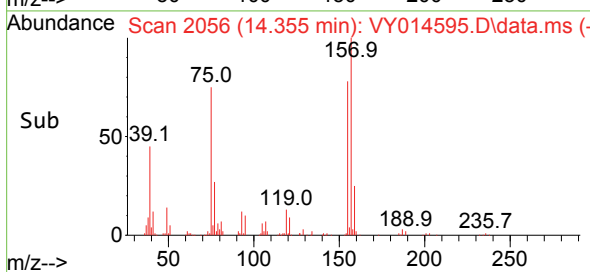
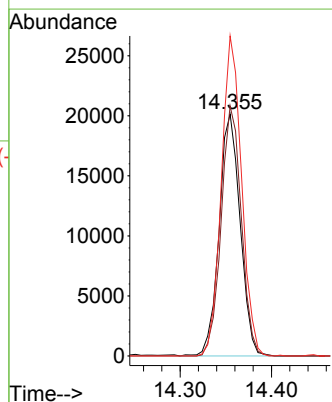
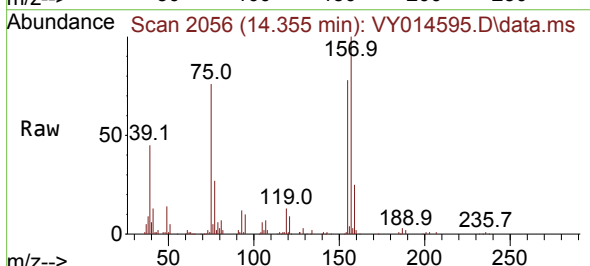
Tgt Ion: 75 Resp: 32143

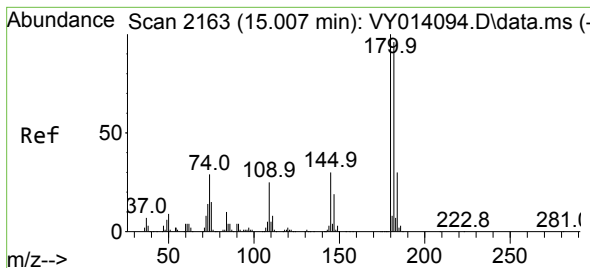
Ion Ratio Lower Upper

75 100

155 99.5 41.5 124.6

157 127.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.494 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

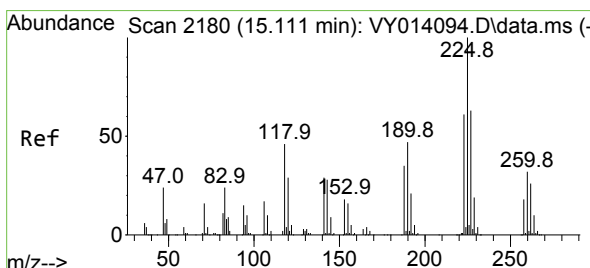
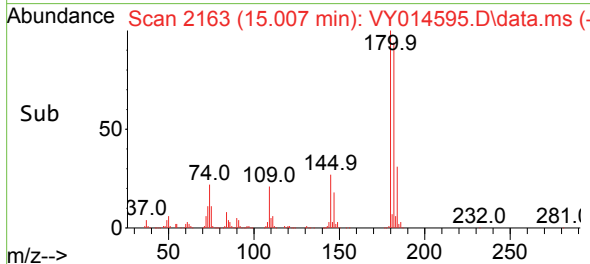
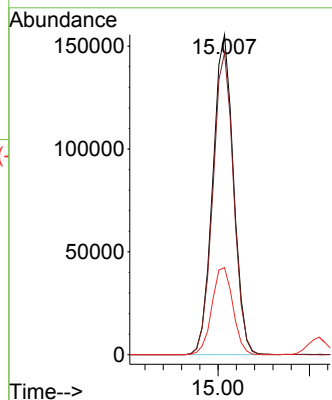
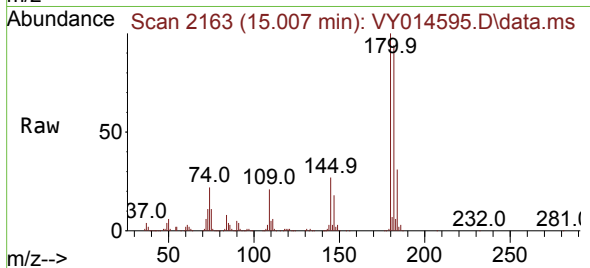
Tgt Ion:180 Resp: 244248

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 27.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.064 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014595.D

Acq: 07 Jul 2023 09:19

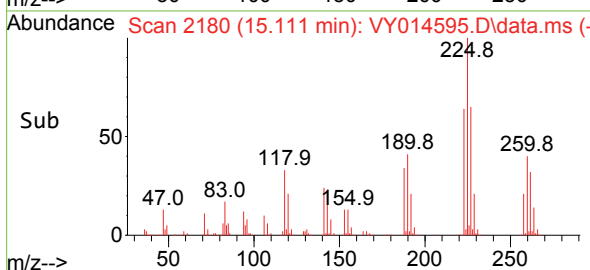
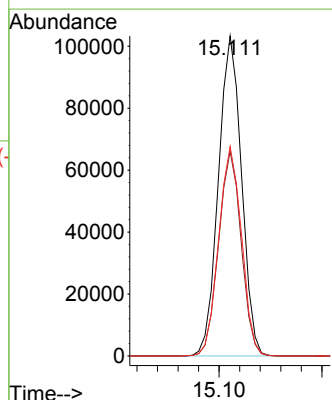
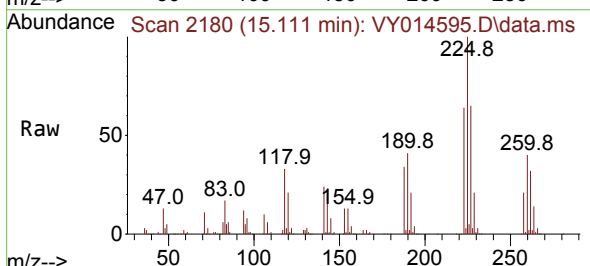
Tgt Ion:225 Resp: 160943

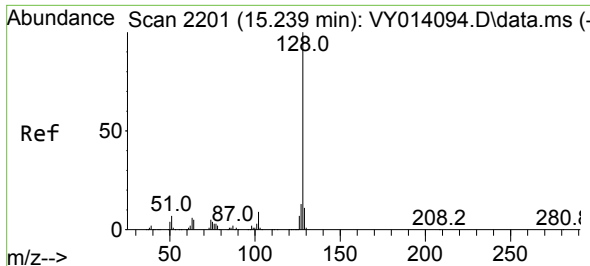
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 64.9 33.0 98.9

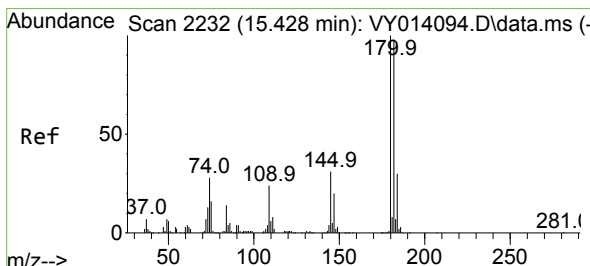
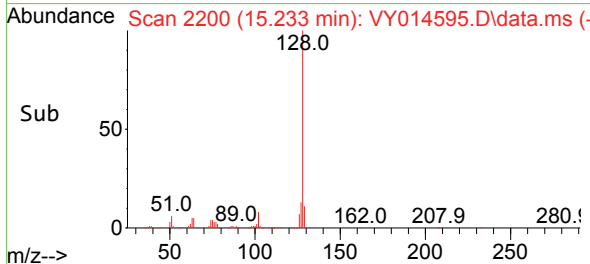
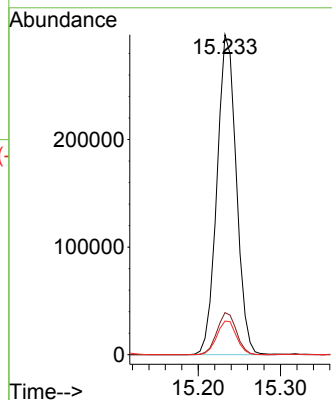
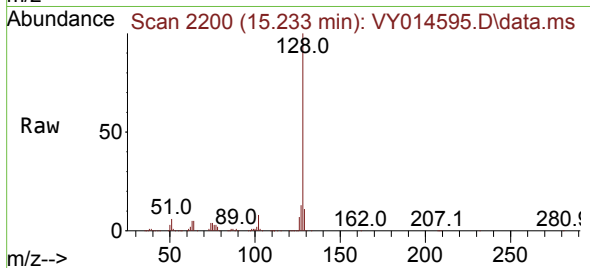




#95
Naphthalene
Concen: 46.320 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 486320
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.142 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014595.D
Acq: 07 Jul 2023 09:19

Tgt Ion:180 Resp: 220962
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.8
145 28.9 15.4 46.2

