

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014531.D
 Acq On : 03 Jul 2023 11:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 04 02:58:19 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	7.789	168	429524	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	603972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	550474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	300312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	186701	43.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.380%
35) Dibromofluoromethane	7.716	113	188405	50.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.179	98	726824	49.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.477	95	254186	49.787	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	155682	50.664	ug/l	97
3) Chloromethane	2.107	50	215172	43.255	ug/l	98
4) Vinyl Chloride	2.247	62	275625	48.070	ug/l	96
5) Bromomethane	2.637	94	212141	47.713	ug/l	98
6) Chloroethane	2.784	64	180817	48.976	ug/l	99
7) Trichlorofluoromethane	3.119	101	365004	52.414	ug/l	99
8) Diethyl Ether	3.521	74	131386	49.828	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	217563	52.316	ug/l	95
10) Methyl Iodide	4.082	142	272642	57.452	ug/l	91
11) Tert butyl alcohol	4.954	59	170451	228.578	ug/l	# 82
12) 1,1-Dichloroethene	3.863	96	211739	52.558	ug/l	82
13) Acrolein	3.723	56	128636	226.929	ug/l	100
14) Allyl chloride	4.472	41	286650	47.206	ug/l	# 84
15) Acrylonitrile	5.155	53	373091	246.476	ug/l	98
16) Acetone	3.942	43	405270	303.717	ug/l	# 82
17) Carbon Disulfide	4.186	76	607055	49.446	ug/l	98
18) Methyl Acetate	4.472	43	284039	46.761	ug/l	# 87
19) Methyl tert-butyl Ether	5.210	73	595542	51.434	ug/l	99
20) Methylene Chloride	4.710	84	247227	51.467	ug/l	# 83
21) trans-1,2-Dichloroethene	5.210	96	232685	51.025	ug/l	93
22) Diisopropyl ether	6.112	45	594657	47.526	ug/l	# 87
23) Vinyl Acetate	6.051	43	1813456	250.510	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	378614	48.201	ug/l	99
25) 2-Butanone	6.978	43	519672	263.021	ug/l	# 88
26) 2,2-Dichloropropane	6.972	77	336626	50.279	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	263531	50.944	ug/l	87
28) Bromochloromethane	7.326	49	138217	41.906	ug/l	# 73
29) Tetrahydrofuran	7.344	42	319081	250.374	ug/l	# 81
30) Chloroform	7.502	83	403315	49.222	ug/l	99
31) Cyclohexane	7.777	56	326284	48.673	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	357113	50.988	ug/l	96
36) 1,1-Dichloropropene	7.911	75	309259	54.297	ug/l	96
37) Ethyl Acetate	7.070	43	200991	51.455	ug/l	# 90
38) Carbon Tetrachloride	7.893	117	334440	56.248	ug/l	99
39) Methylcyclohexane	9.179	83	397879	58.442	ug/l	92
40) Benzene	8.155	78	907134	52.614	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	278744	146.070	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	259648	51.236	ug/l	91
43) Isopropyl Acetate	8.271	43	345067	52.128	ug/l #	89
44) Trichloroethene	8.935	130	269056	55.976	ug/l	94
45) 1,2-Dichloropropane	9.209	63	225572	51.000	ug/l	98
46) Dibromomethane	9.301	93	143288	53.214	ug/l	91
47) Bromodichloromethane	9.490	83	314312	52.978	ug/l	99
48) Methyl methacrylate	9.289	41	157871	52.445	ug/l #	76
49) 1,4-Dioxane	9.295	88	55199	1148.012	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	1029885	262.795	ug/l #	86
52) Toluene	10.240	92	590869	54.459	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	344935	54.368	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	379642	53.632	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	213372	54.459	ug/l	96
56) Ethyl methacrylate	10.508	69	301225	56.518	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	339882	53.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	659994	255.613	ug/l	93
59) 2-Hexanone	10.831	43	789197	278.779	ug/l	83
60) Dibromochloromethane	10.983	129	255604	55.675	ug/l	100
61) 1,2-Dibromoethane	11.087	107	210851	55.122	ug/l	100
64) Tetrachloroethene	10.715	164	278310	56.557	ug/l	96
65) Chlorobenzene	11.514	112	651824	55.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	249670	55.996	ug/l	98
67) Ethyl Benzene	11.587	91	1133242	56.647	ug/l	98
68) m/p-Xylenes	11.703	106	909722	114.642	ug/l	91
69) o-Xylene	12.026	106	432112	57.413	ug/l	93
70) Styrene	12.044	104	749462	57.878	ug/l	95
71) Bromoform	12.203	173	199428	58.874	ug/l	99
73) Isopropylbenzene	12.325	105	1135490	57.732	ug/l	99
74) N-amyl acetate	12.142	43	313421	52.799	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	276573	54.796	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	354865	100.698	ug/l #	100
77) Bromobenzene	12.605	156	304348	56.655	ug/l	91
78) n-propylbenzene	12.666	91	1363097	56.815	ug/l	97
79) 2-Chlorotoluene	12.751	91	762355	55.214	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	961346	57.737	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	100820	55.685	ug/l #	85
82) 4-Chlorotoluene	12.849	91	795724	55.010	ug/l	95
83) tert-Butylbenzene	13.075	119	864992	59.111	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	962376	57.922	ug/l	98
85) sec-Butylbenzene	13.251	105	1264878	58.576	ug/l	98
86) p-Isopropyltoluene	13.367	119	1080464	59.457	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	594590	56.609	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	584294	55.508	ug/l	99
89) n-Butylbenzene	13.696	91	996351	59.328	ug/l	97
90) Hexachloroethane	13.959	117	202557	56.272	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	538283	56.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	51256	55.468	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	377442	61.422	ug/l	98
94) Hexachlorobutadiene	15.111	225	235826	62.441	ug/l	99
95) Naphthalene	15.233	128	816235	62.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	345699	61.742	ug/l	98

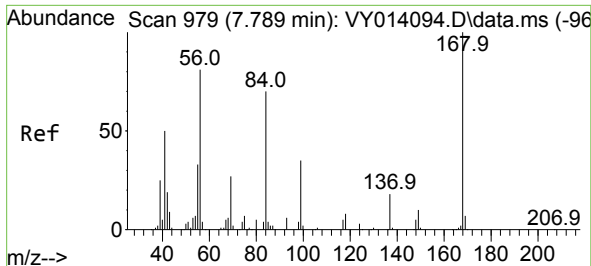
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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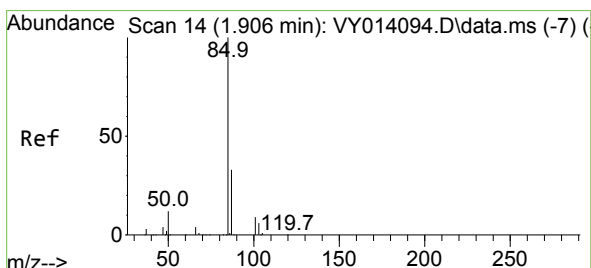
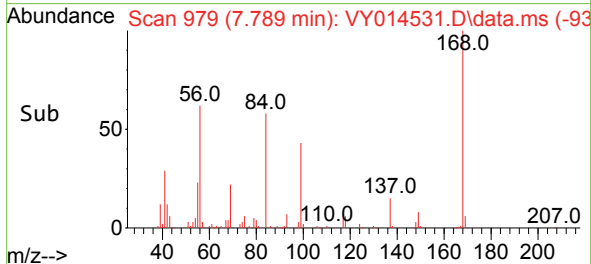
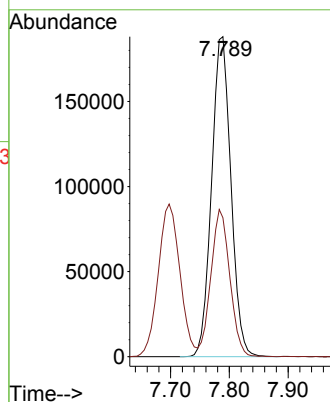
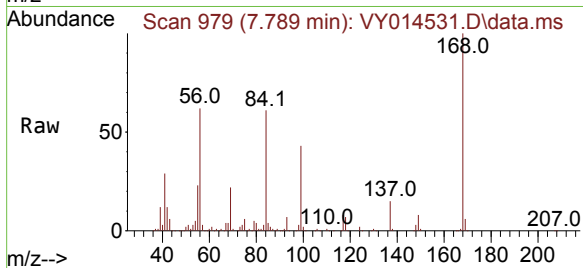
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 03 Jul 2023 11:37

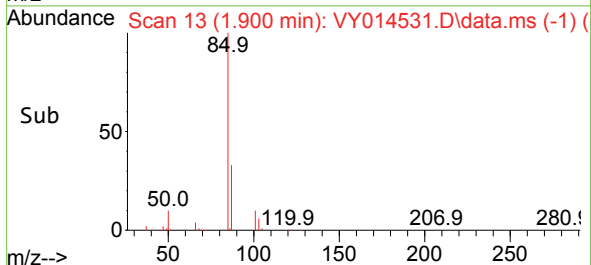
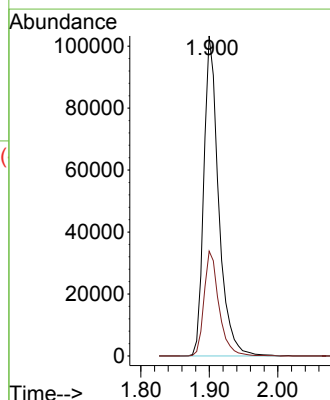
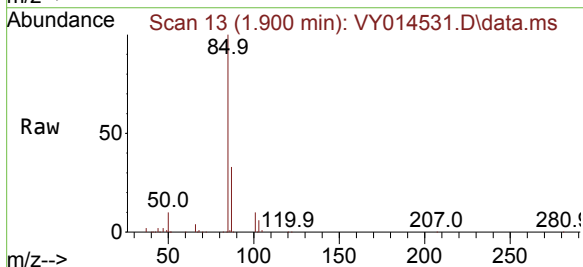
Instrument :
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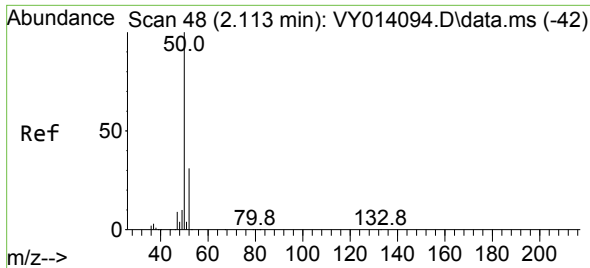
Tgt Ion:168 Resp: 429524
Ion Ratio Lower Upper
168 100
99 43.3 43.4 65.0#



#2
Dichlorodifluoromethane
Concen: 50.664 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 85 Resp: 155682
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8

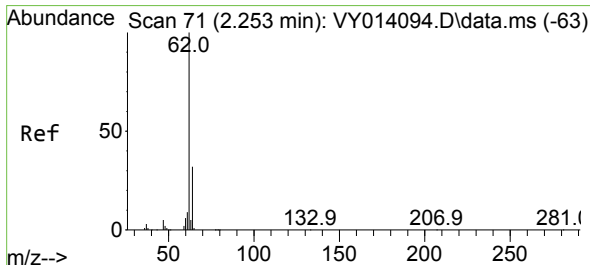
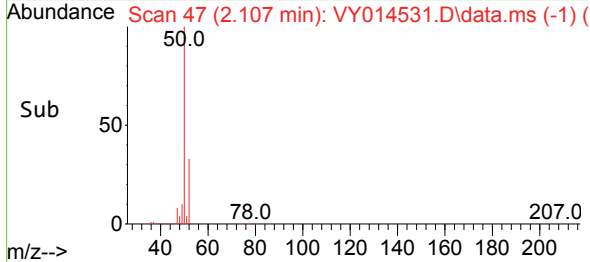
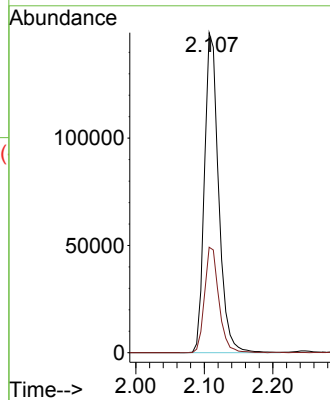
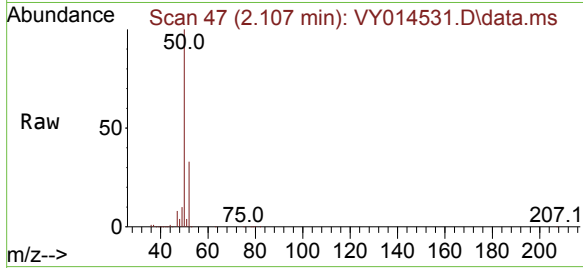




#3
Chloromethane
Concen: 43.255 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

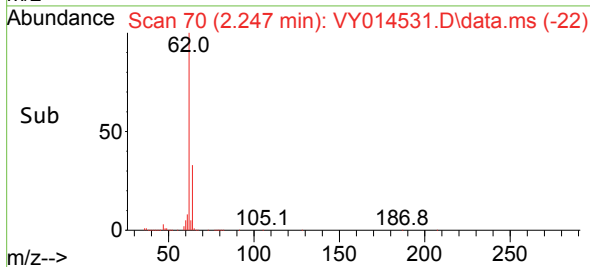
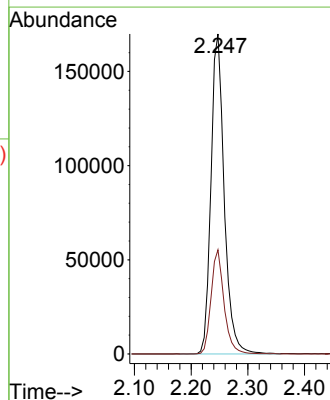
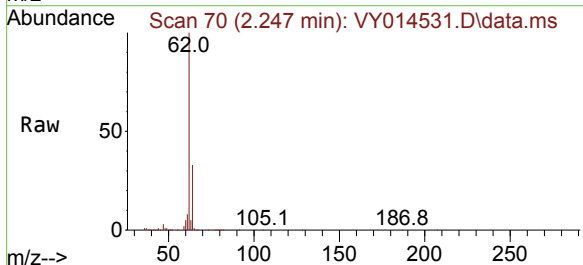
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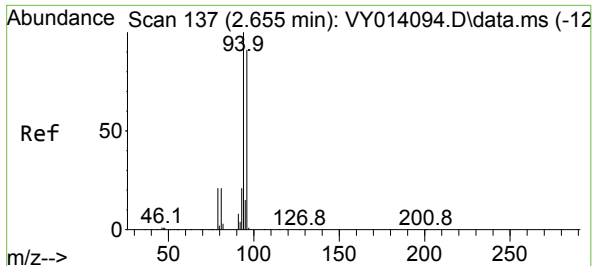
Tgt Ion: 50 Resp: 215172
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 48.070 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 62 Resp: 275625
Ion Ratio Lower Upper
62 100
64 32.6 24.3 36.5

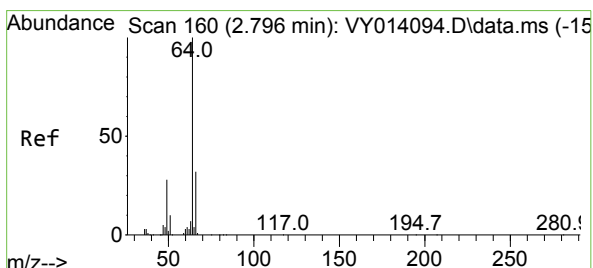
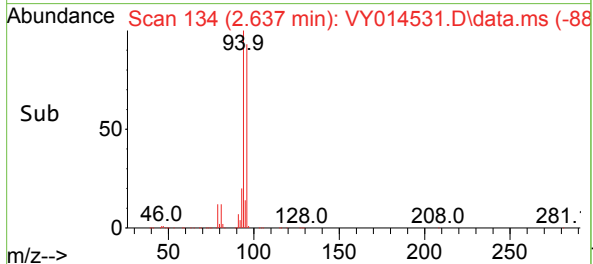
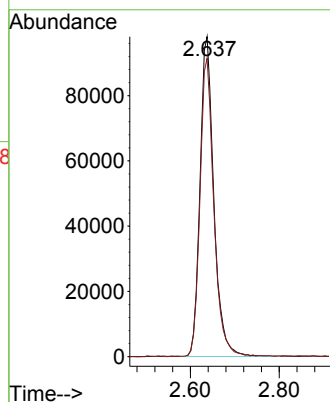
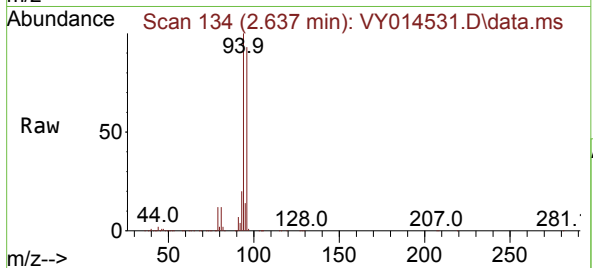




#5
Bromomethane
Concen: 47.713 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

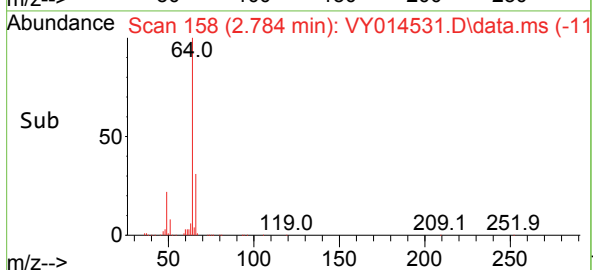
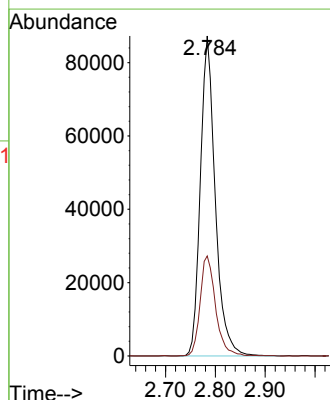
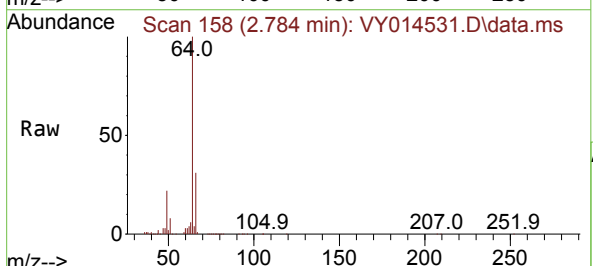
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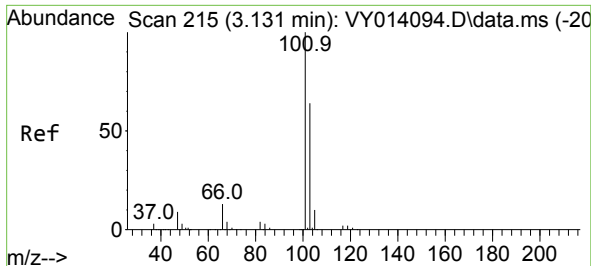
Tgt Ion: 94 Resp: 212141
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.6



#6
Chloroethane
Concen: 48.976 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 64 Resp: 180817
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6

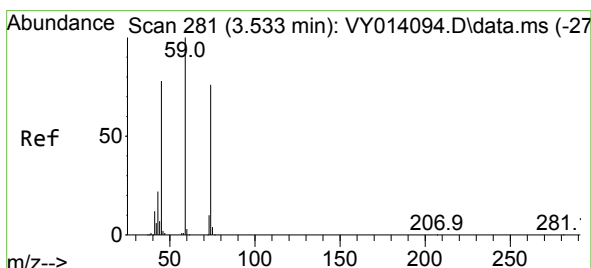
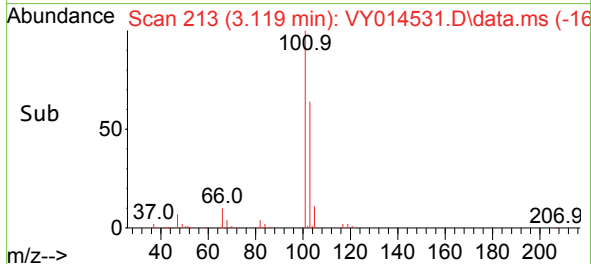
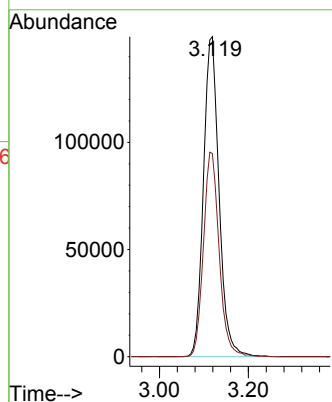
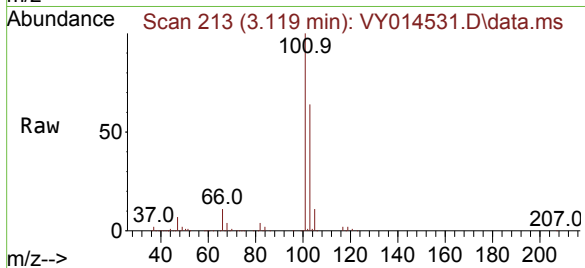




#7
Trichlorofluoromethane
Concen: 52.414 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014531.D
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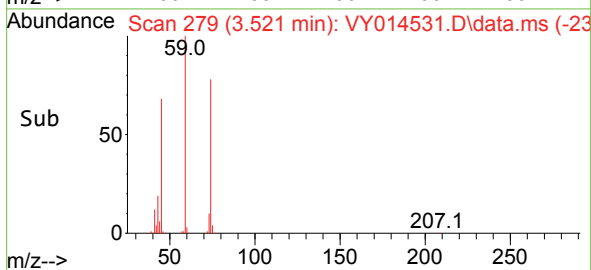
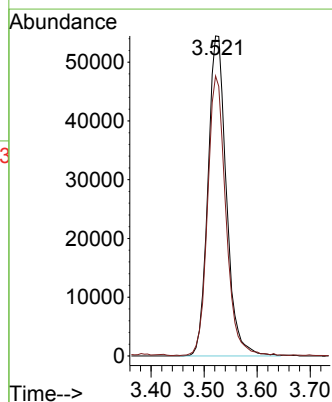
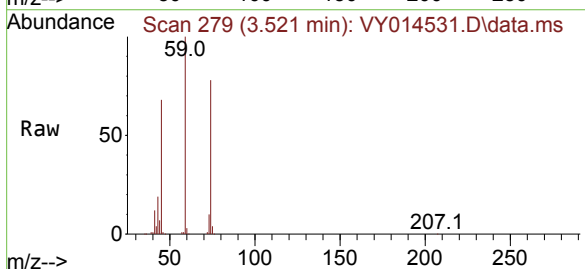
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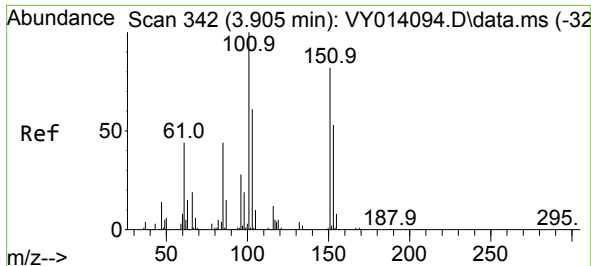
Tgt Ion:101 Resp: 365004
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0



#8
Diethyl Ether
Concen: 49.828 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 74 Resp: 131386
Ion Ratio Lower Upper
74 100
45 86.5 51.5 154.5

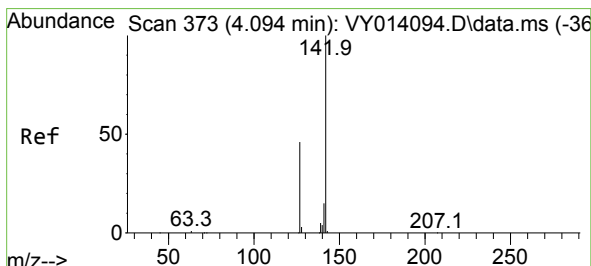
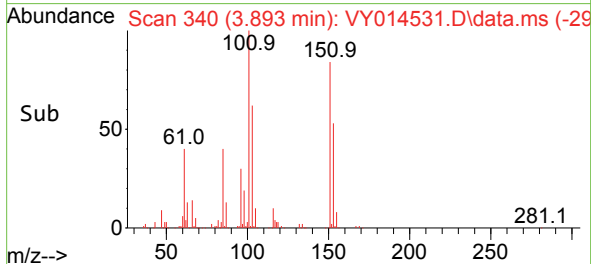
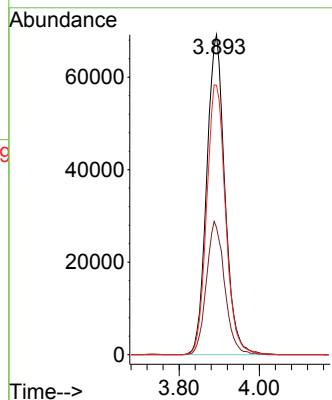
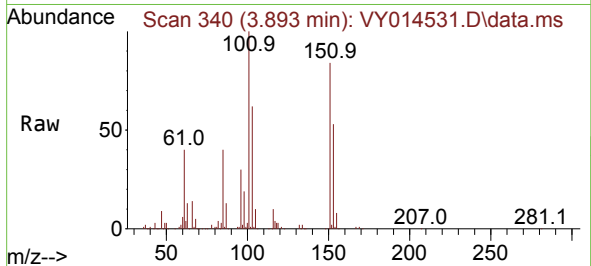




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.316 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
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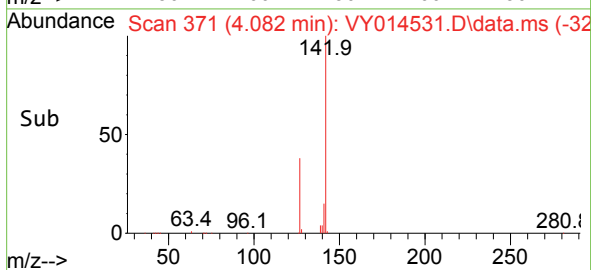
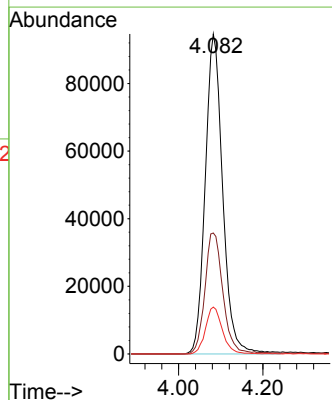
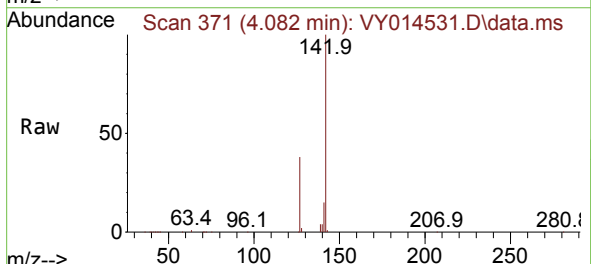
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ClientSampleId :
VSTDCCC050

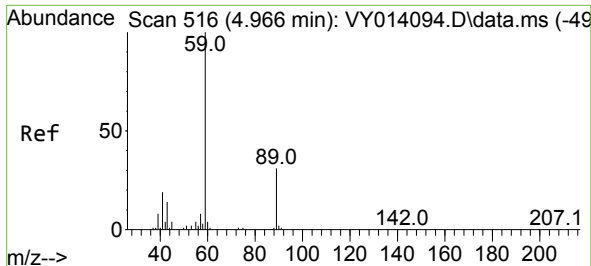
Tgt Ion:101 Resp: 217563
Ion Ratio Lower Upper
101 100
85 42.0 36.6 55.0
151 87.9 67.0 100.6



#10
Methyl Iodide
Concen: 57.452 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion:142 Resp: 272642
Ion Ratio Lower Upper
142 100
127 39.0 37.6 56.4
141 14.2 11.8 17.8

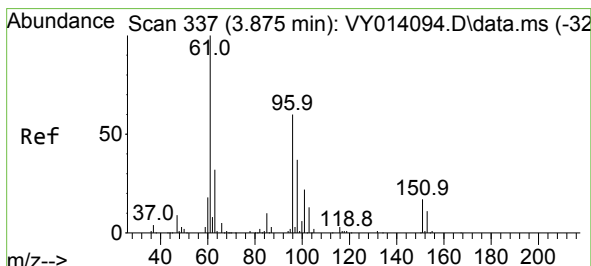
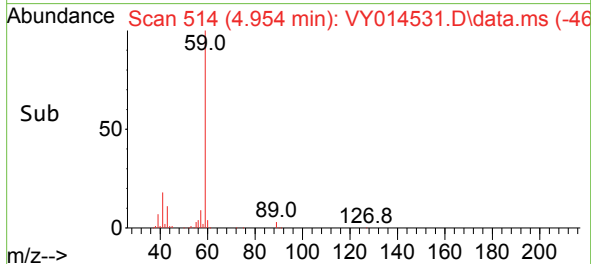
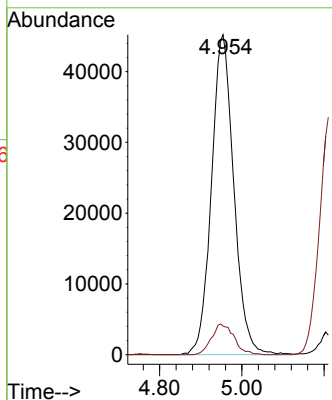
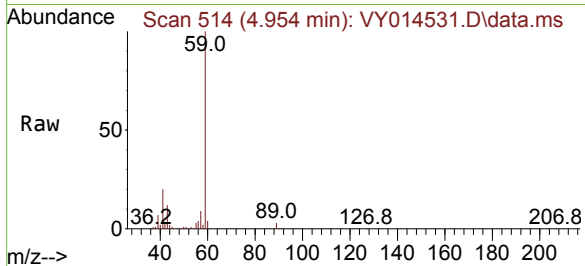




#11
Tert butyl alcohol
Concen: 228.578 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

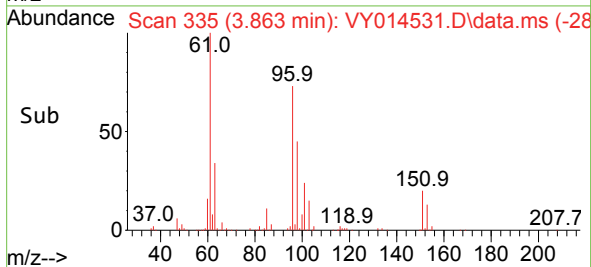
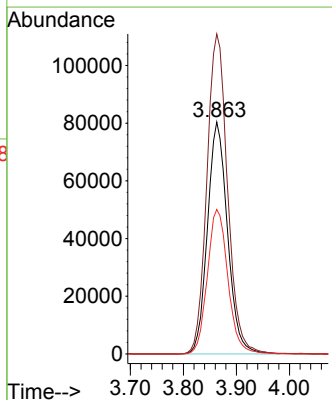
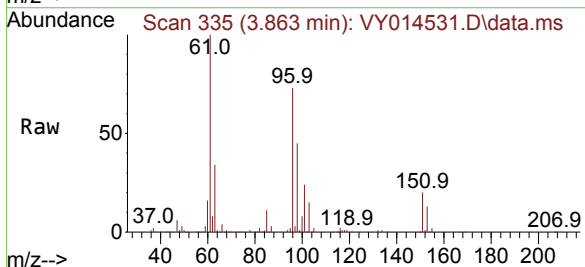
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

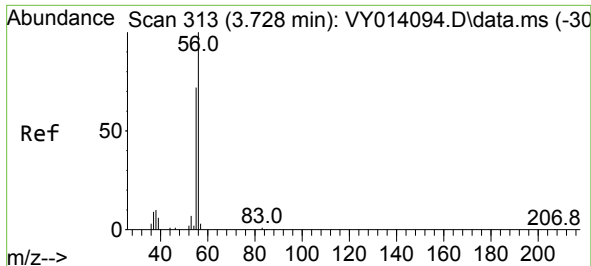
Tgt Ion: 59 Resp: 170451
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.558 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 96 Resp: 211739
Ion Ratio Lower Upper
96 100
61 137.9 136.4 204.6
98 62.3 49.4 74.2

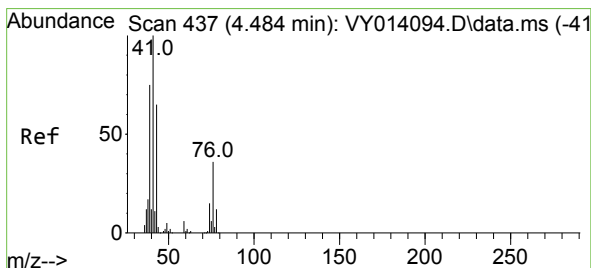
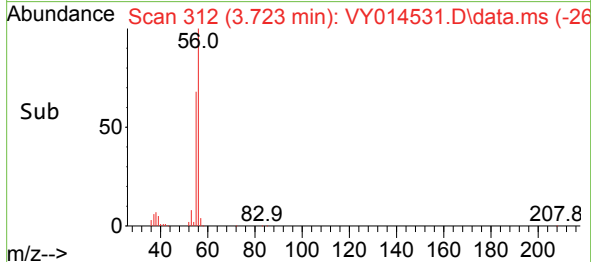
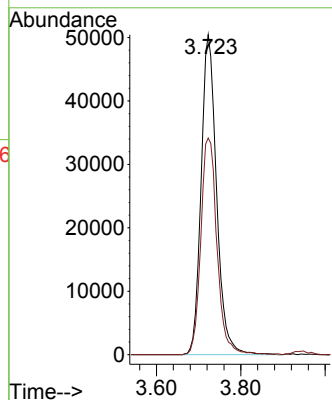
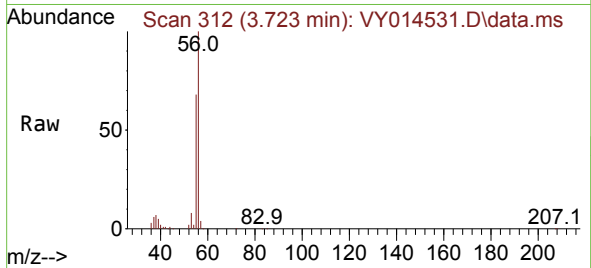




#13
Acrolein
Concen: 226.929 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

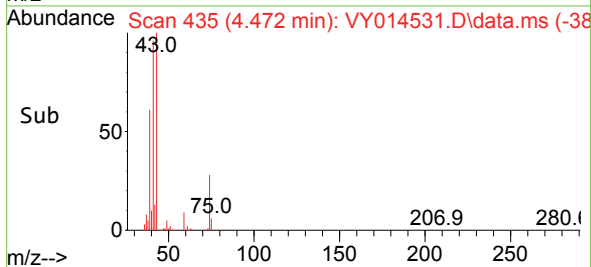
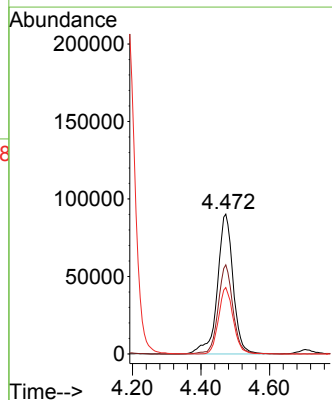
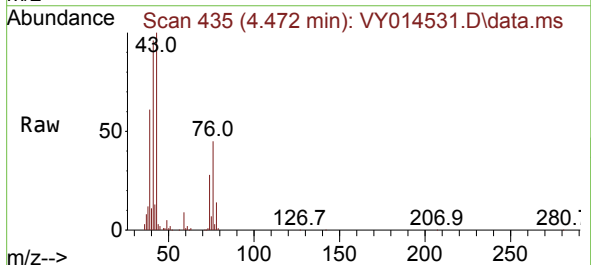
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

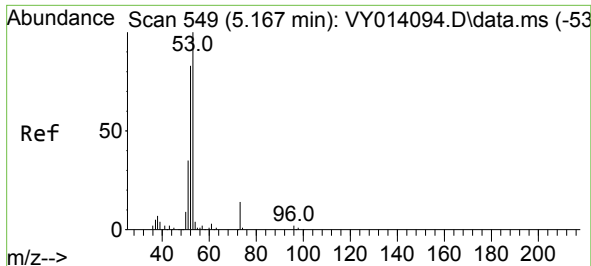
Tgt Ion: 56 Resp: 128636
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4



#14
Allyl chloride
Concen: 47.206 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 41 Resp: 286650
Ion Ratio Lower Upper
41 100
39 59.8 58.0 87.0
76 44.1 27.4 41.2#

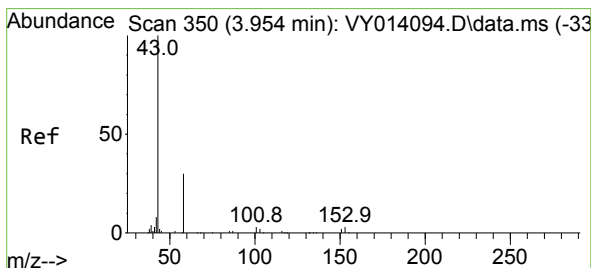
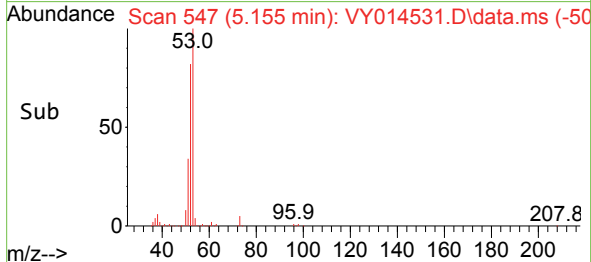
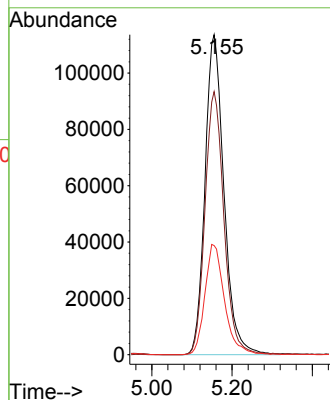
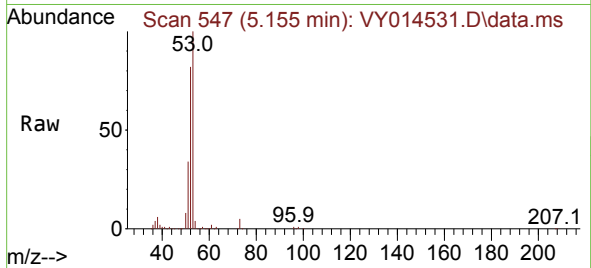




#15
Acrylonitrile
Concen: 246.476 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

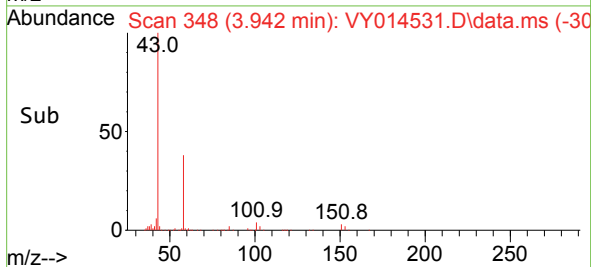
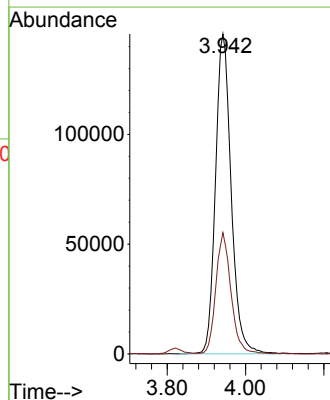
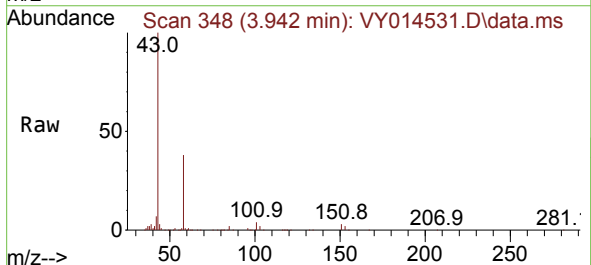
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

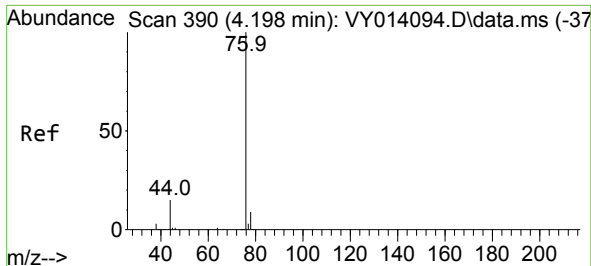
Tgt Ion: 53 Resp: 373091
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 303.717 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 43 Resp: 405270
Ion Ratio Lower Upper
43 100
58 37.8 22.7 34.1#

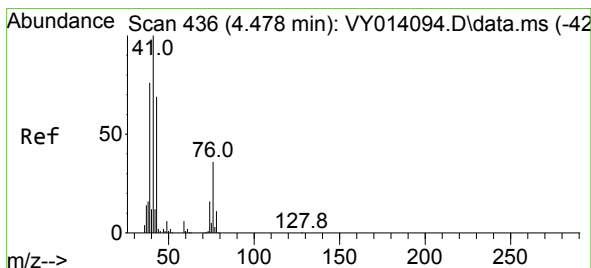
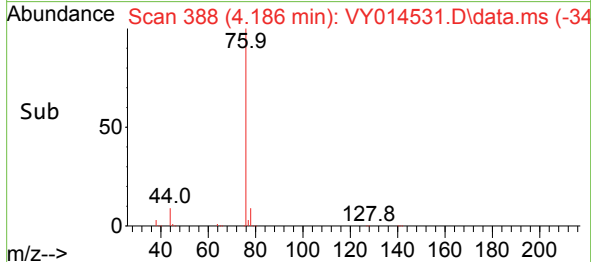
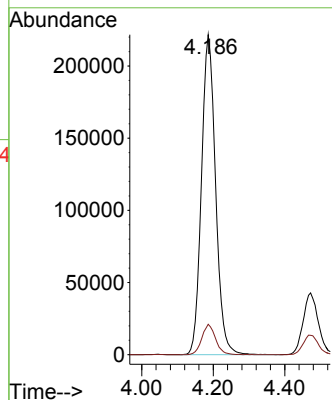
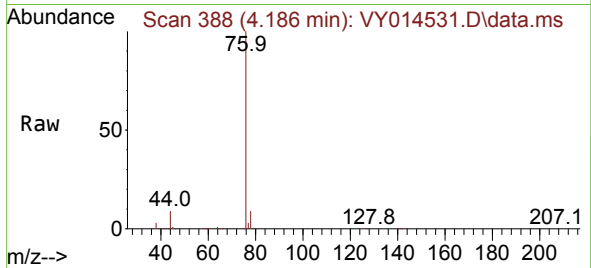




#17
Carbon Disulfide
Concen: 49.446 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

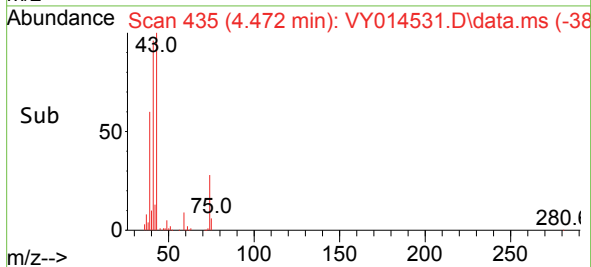
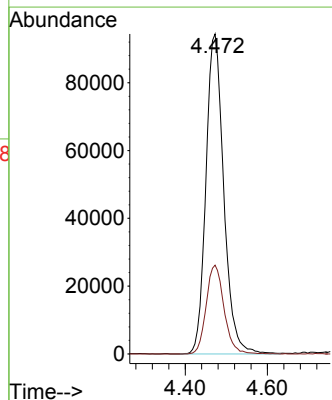
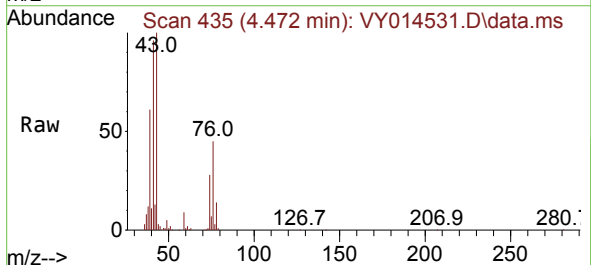
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

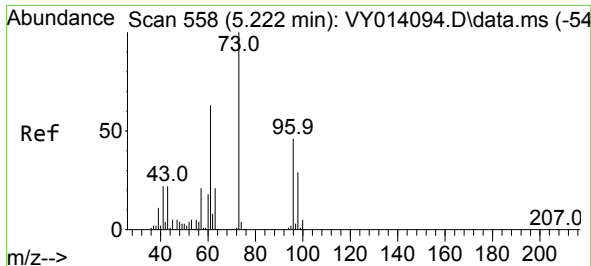
Tgt Ion: 76 Resp: 607055
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 46.761 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 43 Resp: 284039
Ion Ratio Lower Upper
43 100
74 27.8 17.4 26.0#

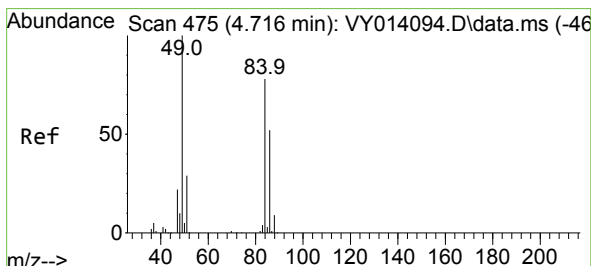
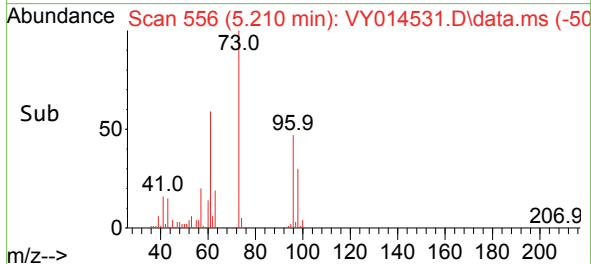
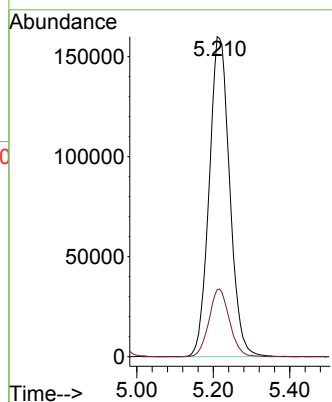
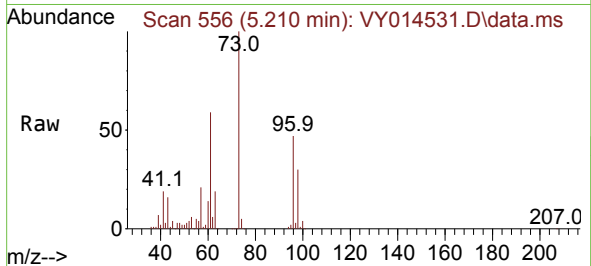




#19
Methyl tert-butyl Ether
Concen: 51.434 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

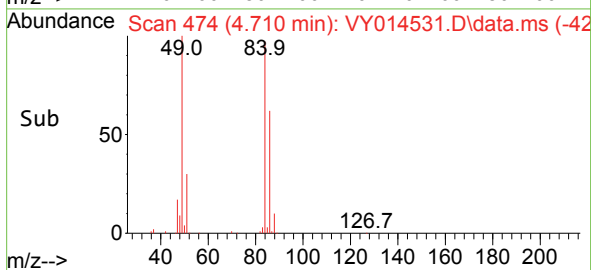
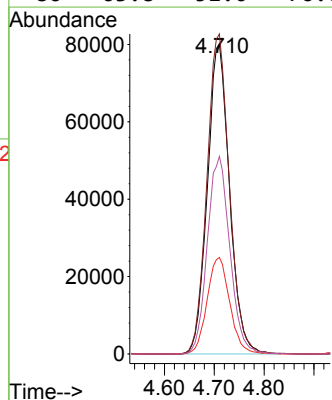
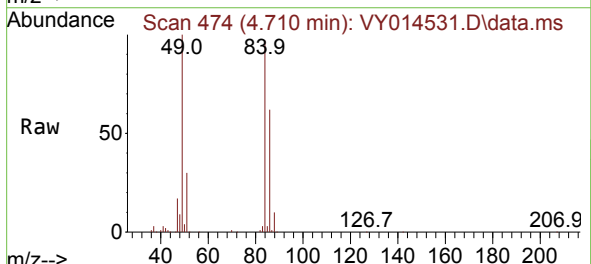
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

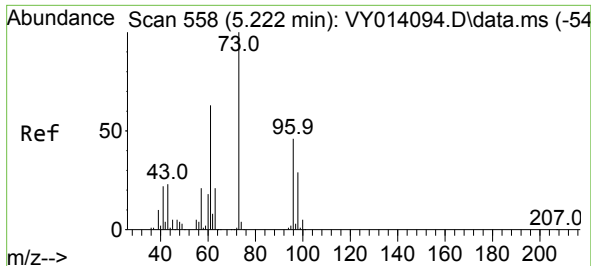
Tgt Ion: 73 Resp: 595542
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 51.467 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 84 Resp: 247227
Ion Ratio Lower Upper
84 100
49 103.3 106.9 160.3#
51 31.1 33.2 49.8#
86 63.8 51.0 76.6

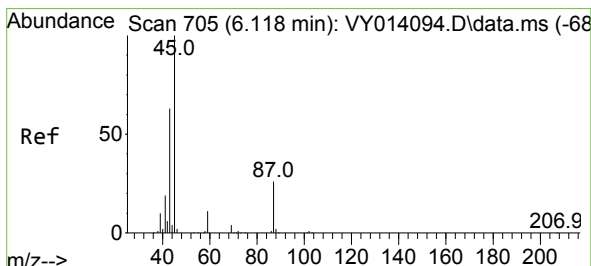
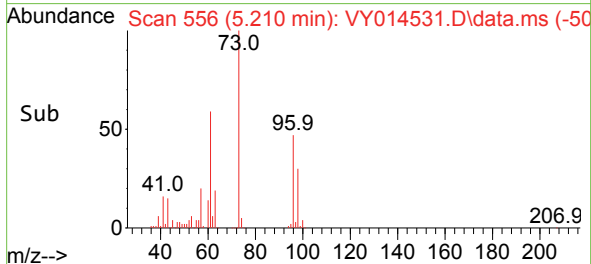
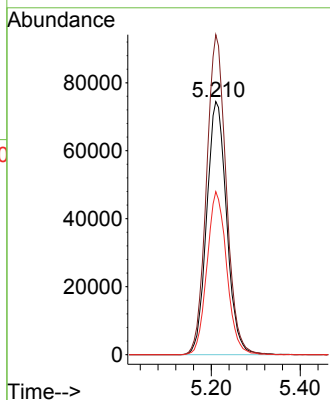
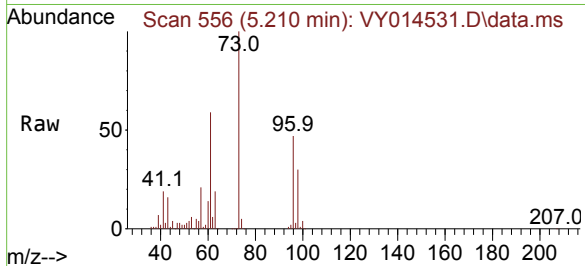




#21
trans-1,2-Dichloroethene
Concen: 51.025 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

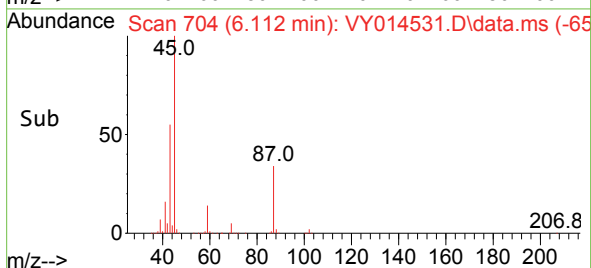
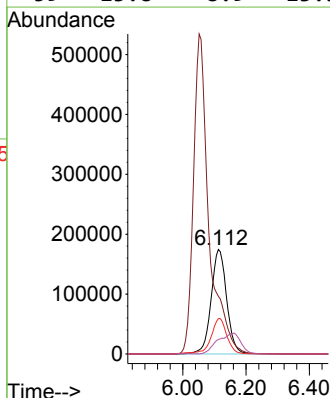
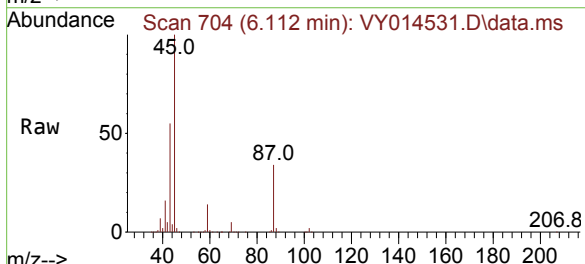
Instrument :
MSVOA_Y
ClientSampleId :
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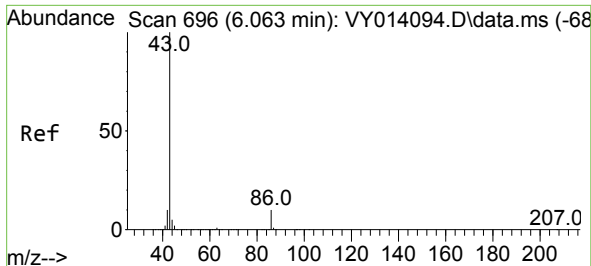
Tgt Ion: 96 Resp: 232685
Ion Ratio Lower Upper
96 100
61 126.4 110.2 165.4
98 64.4 51.8 77.6



#22
Diisopropyl ether
Concen: 47.526 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 45 Resp: 594657
Ion Ratio Lower Upper
45 100
43 55.2 52.2 78.4
87 33.9 21.0 31.6#
59 13.8 8.9 13.3#

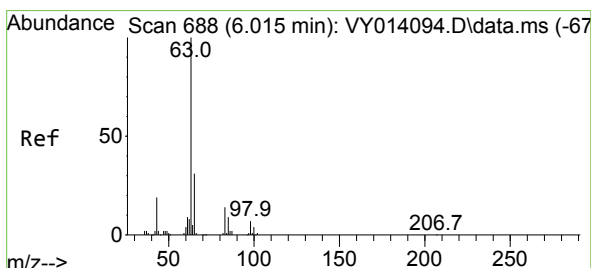
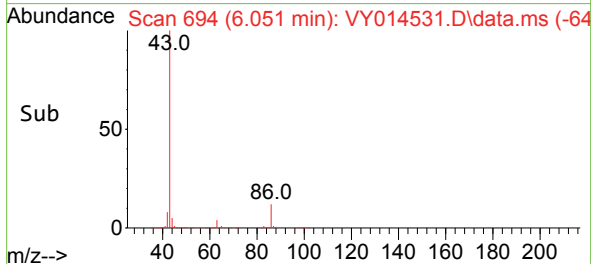
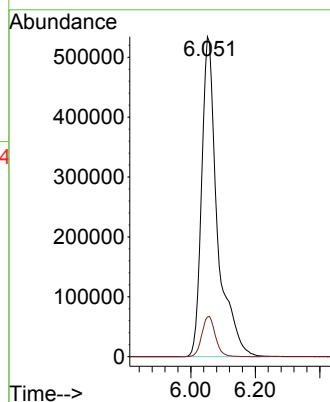
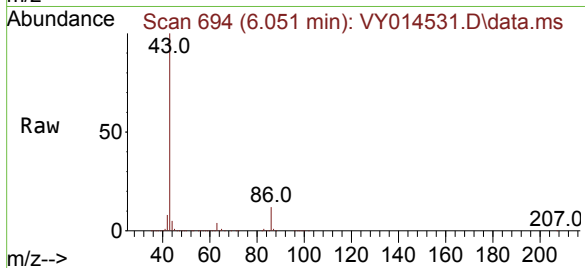




#23
 Vinyl Acetate
 Concen: 250.510 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

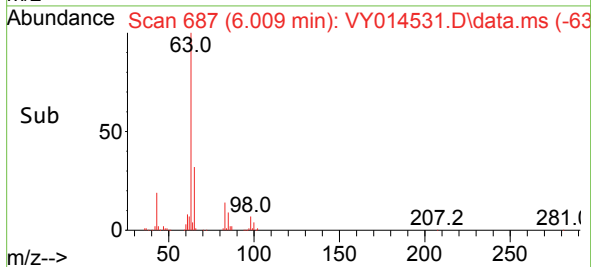
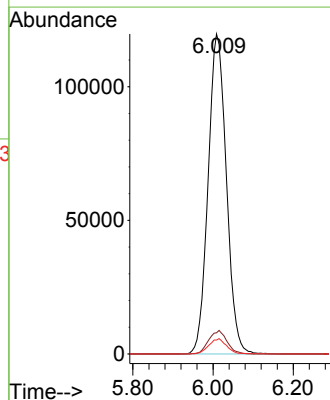
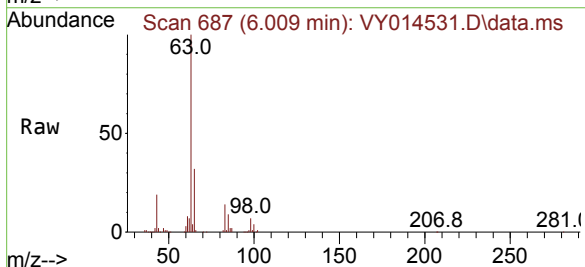
Instrument :
 MSVOA_Y
 ClientSampleId :
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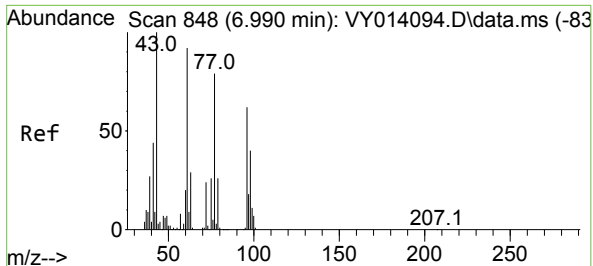
Tgt Ion: 43 Resp: 1813456
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.201 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

Tgt Ion: 63 Resp: 378614
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.3 1.8 5.5

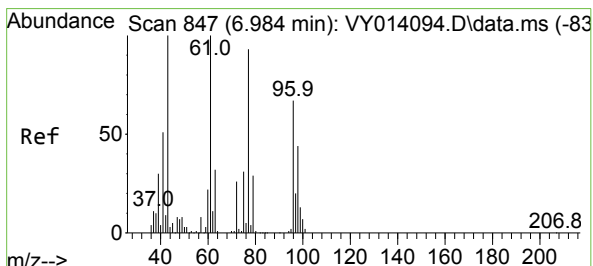
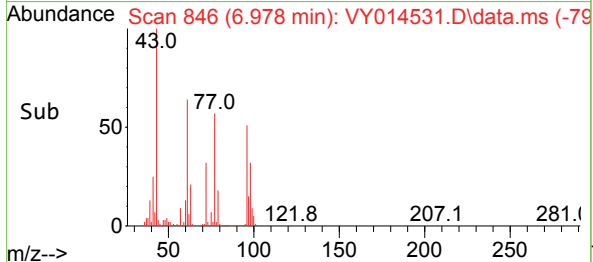
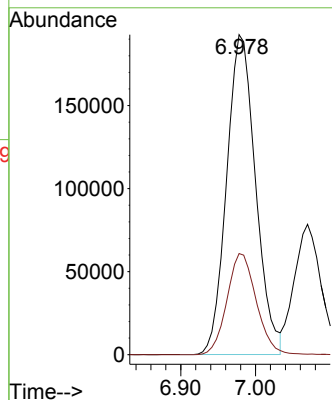
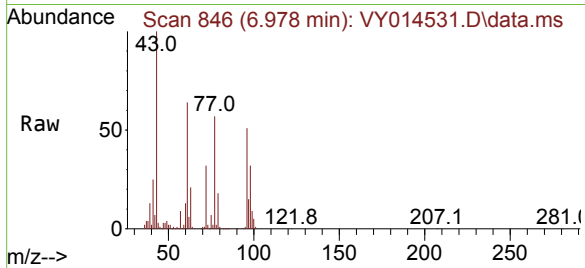




#25
2-Butanone
Concen: 263.021 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

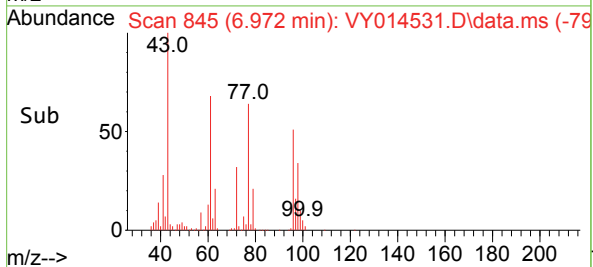
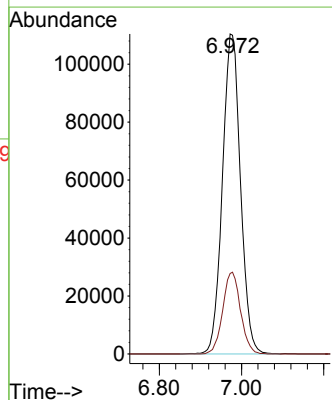
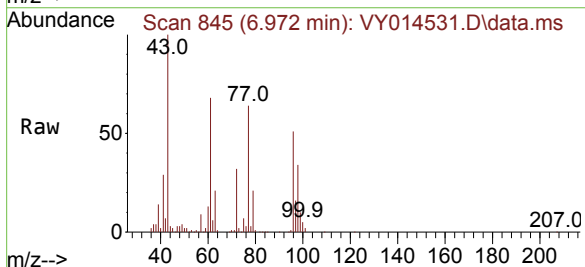
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

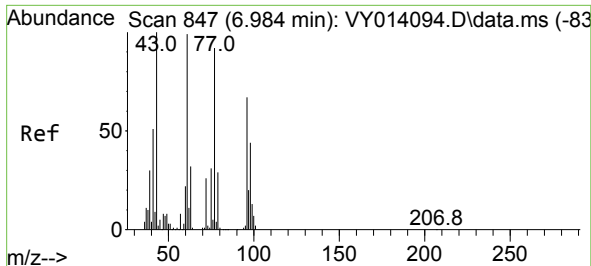
Tgt Ion: 43 Resp: 519672
Ion Ratio Lower Upper
43 100
72 31.6 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 50.279 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 77 Resp: 336626
Ion Ratio Lower Upper
77 100
97 25.1 10.9 32.9

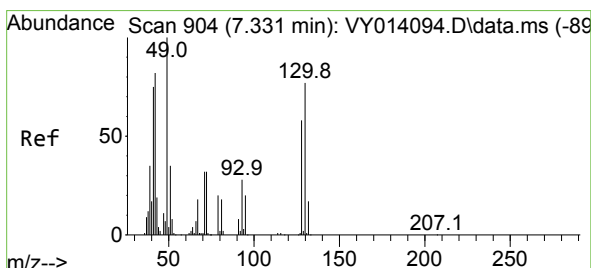
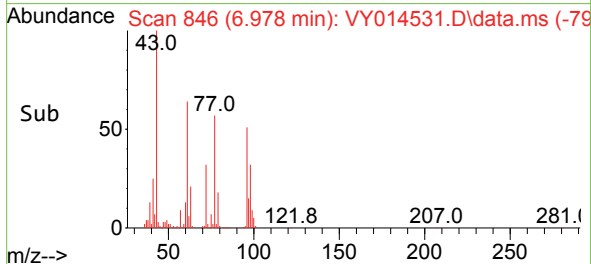
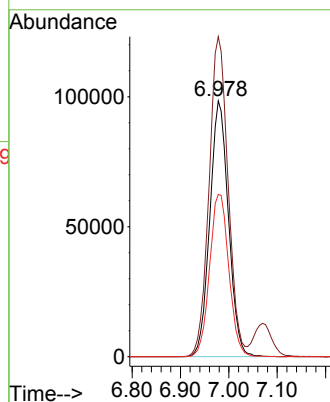
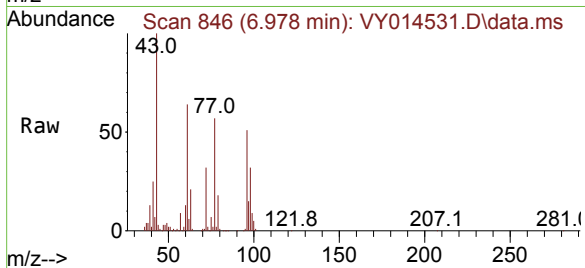




#27
 cis-1,2-Dichloroethene
 Concen: 50.944 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

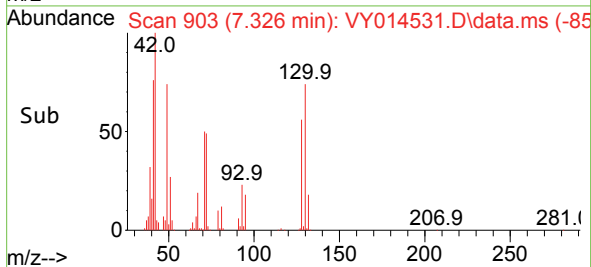
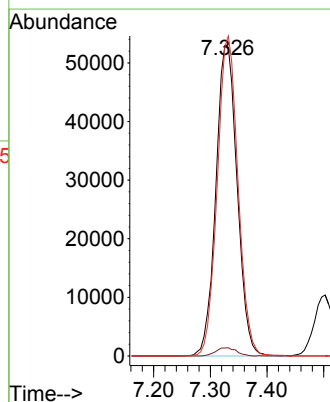
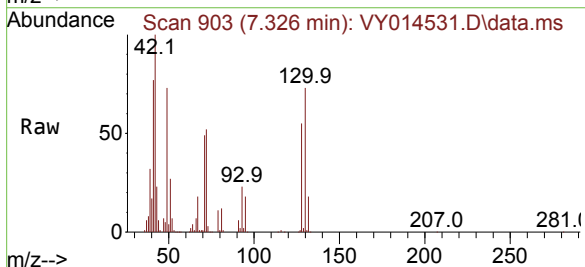
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

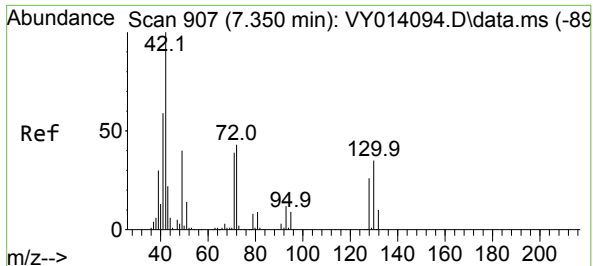
Tgt Ion: 96 Resp: 263531
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 301.4
 98 65.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 41.906 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.005 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

Tgt Ion: 49 Resp: 138217
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 99.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 250.374 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

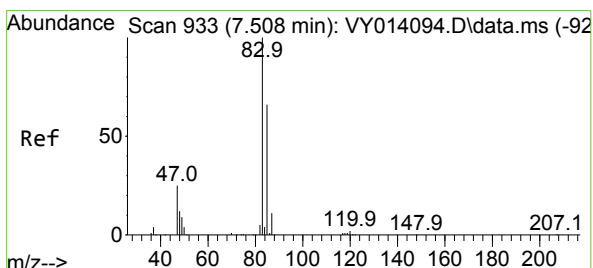
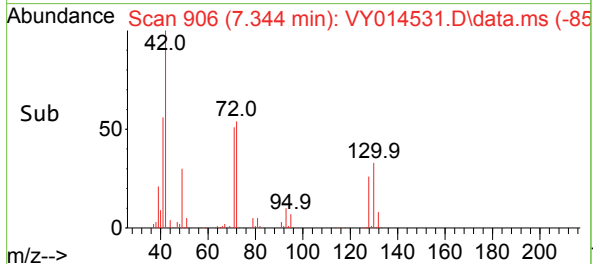
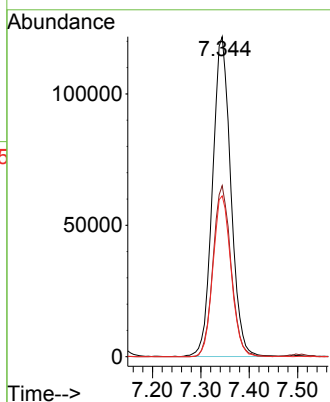
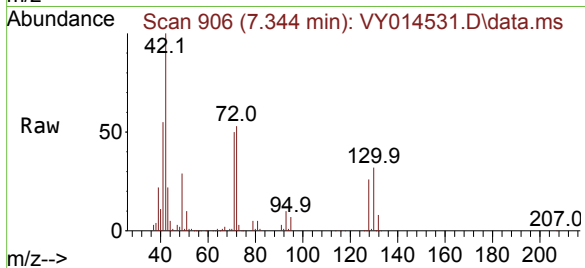
Tgt Ion: 42 Resp: 319081

Ion Ratio Lower Upper

42 100

72 52.8 32.8 49.2#

71 50.1 31.0 46.4#



#30

Chloroform

Concen: 49.222 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014531.D

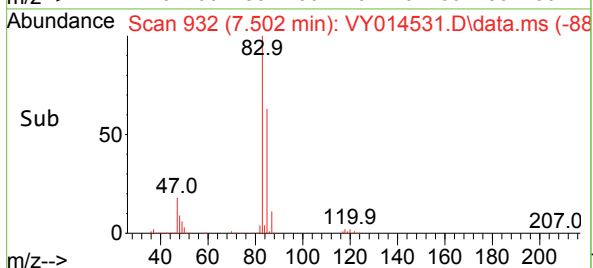
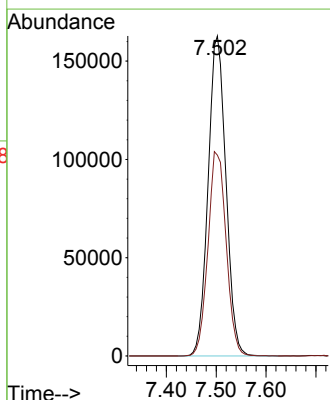
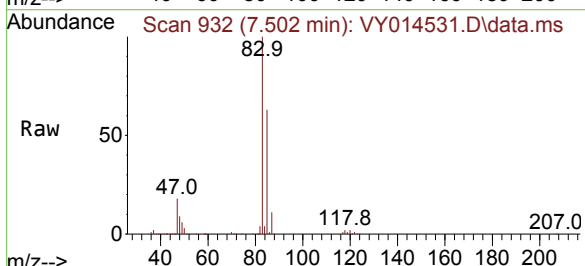
Acq: 03 Jul 2023 11:37

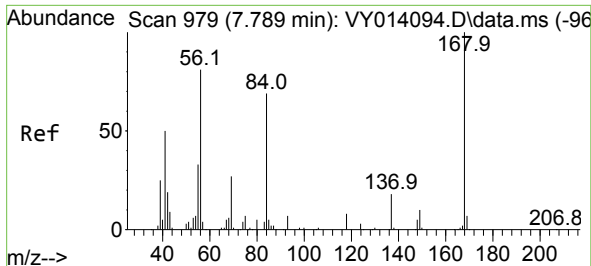
Tgt Ion: 83 Resp: 403315

Ion Ratio Lower Upper

83 100

85 62.8 49.7 74.5

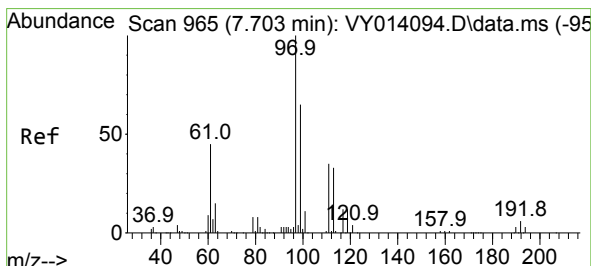
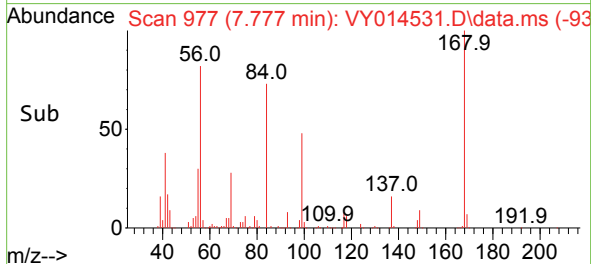
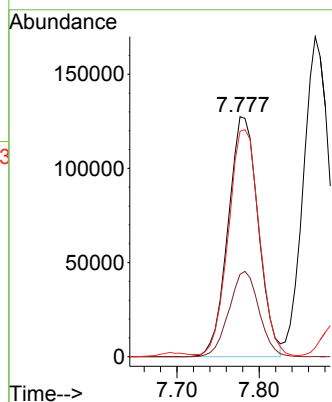
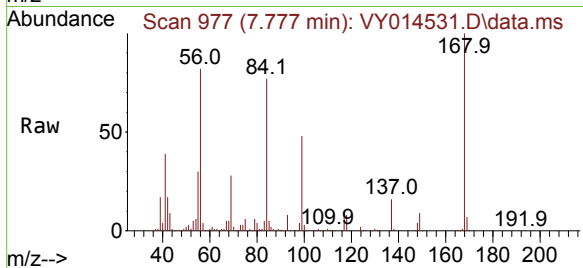




#31
Cyclohexane
Concen: 48.673 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

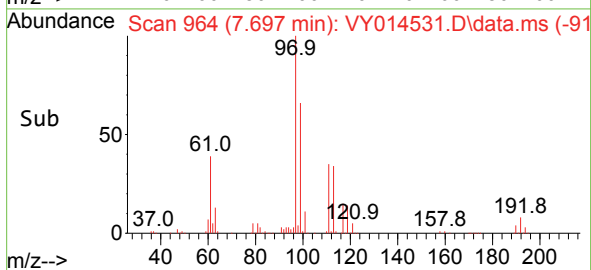
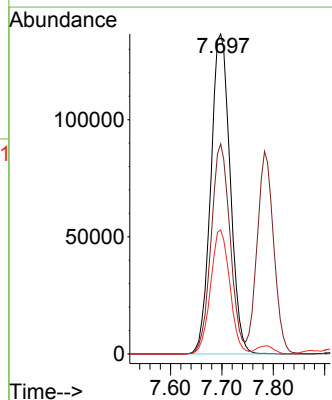
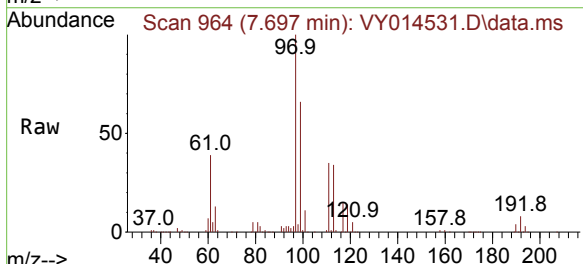
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

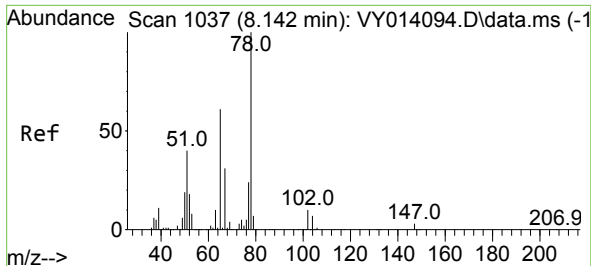
Tgt Ion: 56 Resp: 326284
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.6
84 92.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.988 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 97 Resp: 357113
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 38.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.695 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

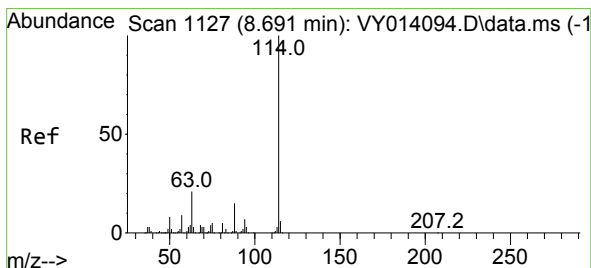
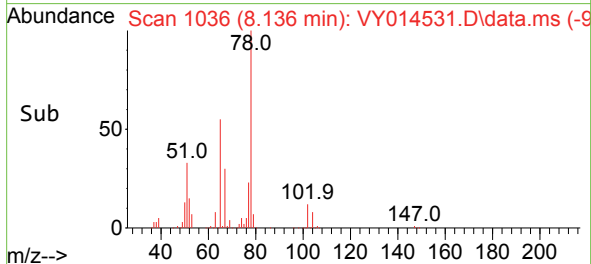
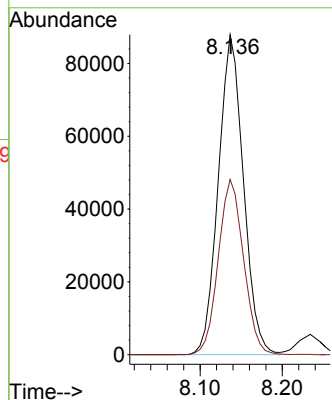
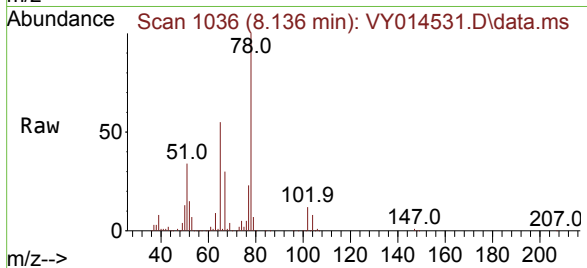
VSTDCCC050

Tgt Ion: 65 Resp: 186701

Ion Ratio Lower Upper

65 100

67 55.2 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: VY014531.D

Acq: 03 Jul 2023 11:37

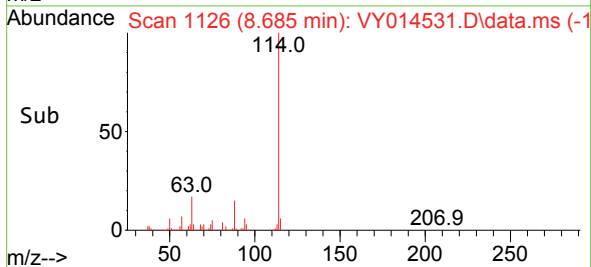
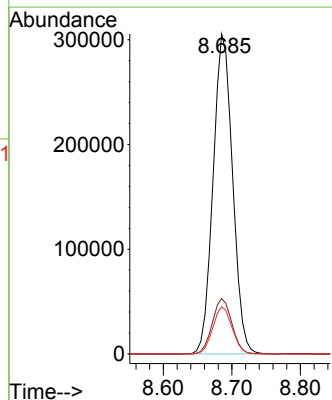
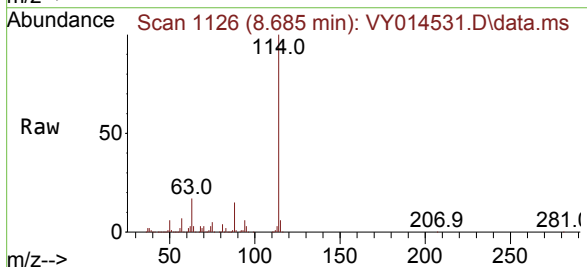
Tgt Ion: 114 Resp: 603972

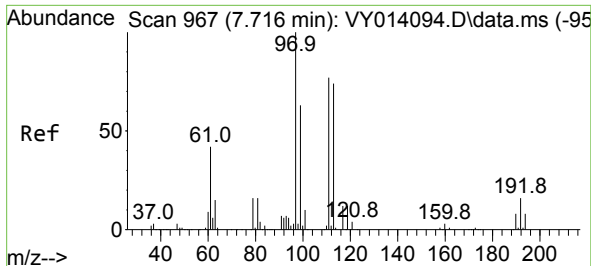
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 14.7 0.0 30.6

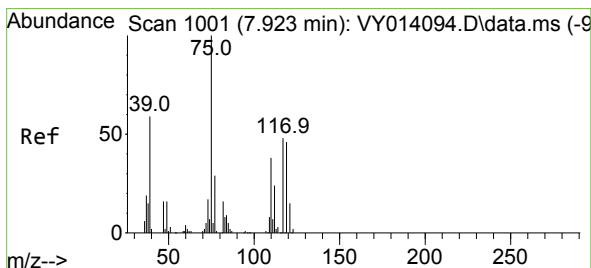
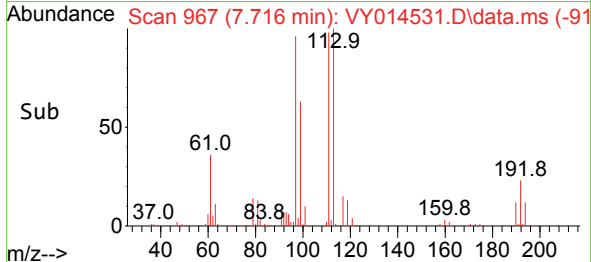
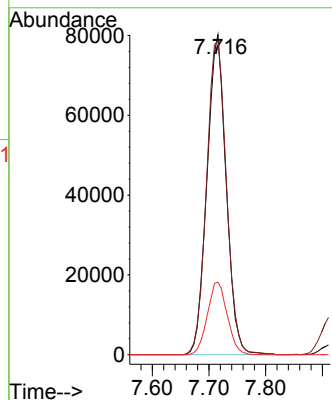
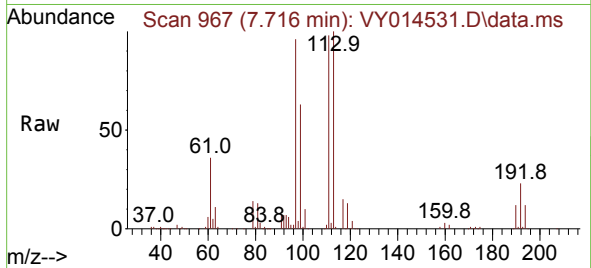




#35
Dibromofluoromethane
Concen: 50.656 ug/l
RT: 7.716 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

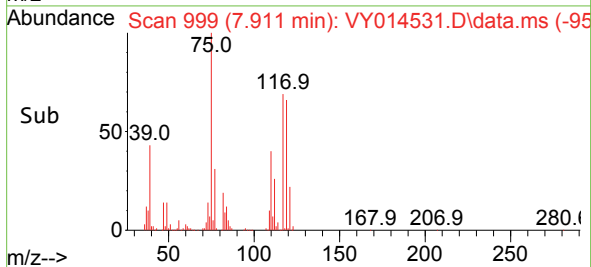
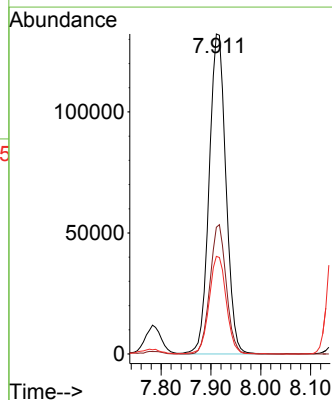
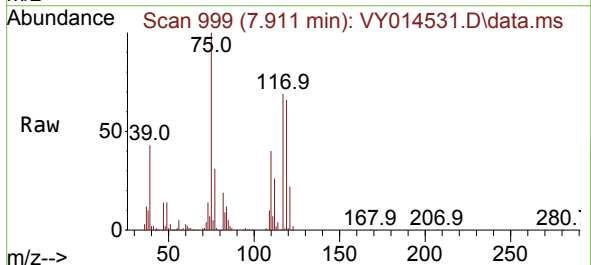
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

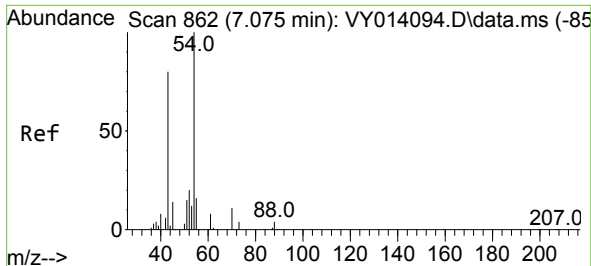
Tgt Ion:113 Resp: 188405
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 23.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 54.297 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 75 Resp: 309259
Ion Ratio Lower Upper
75 100
110 39.2 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 51.455 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.005 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

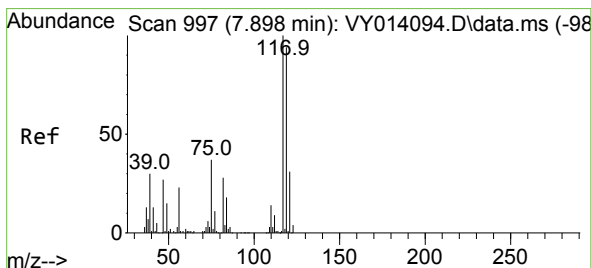
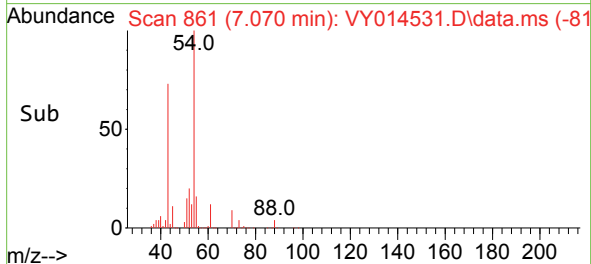
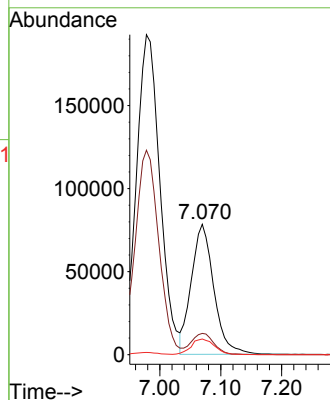
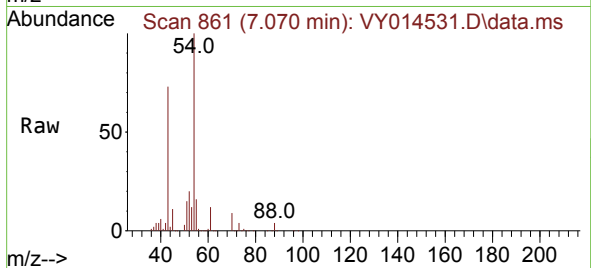
Tgt Ion: 43 Resp: 200991

Ion Ratio Lower Upper

43 100

61 16.1 10.1 15.1#

70 12.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 56.248 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.005 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

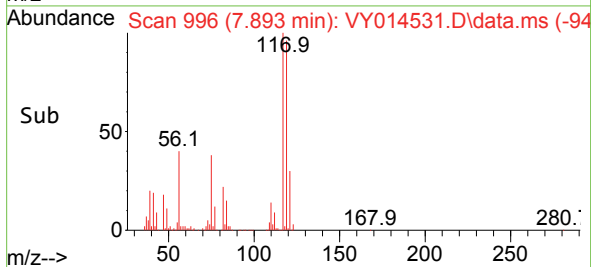
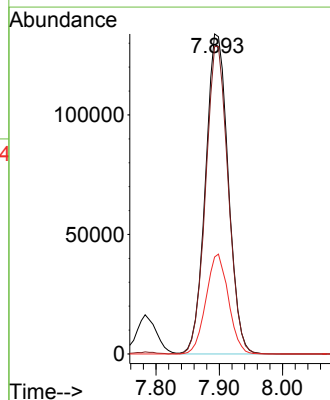
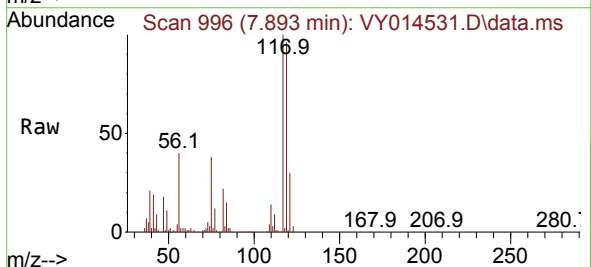
Tgt Ion: 117 Resp: 334440

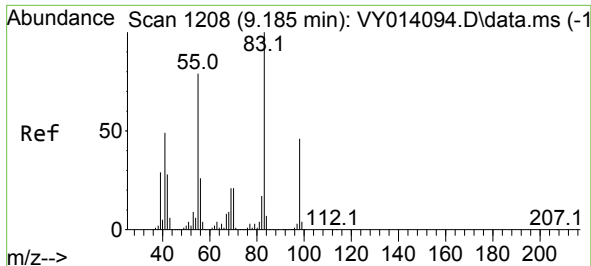
Ion Ratio Lower Upper

117 100

119 96.0 76.4 114.6

121 30.3 25.8 38.6

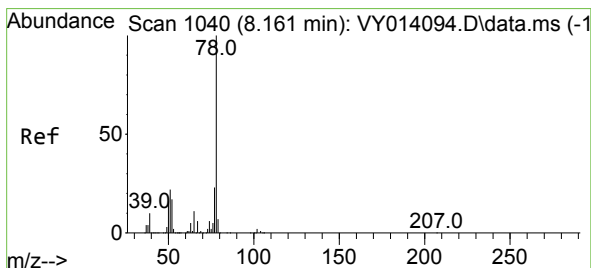
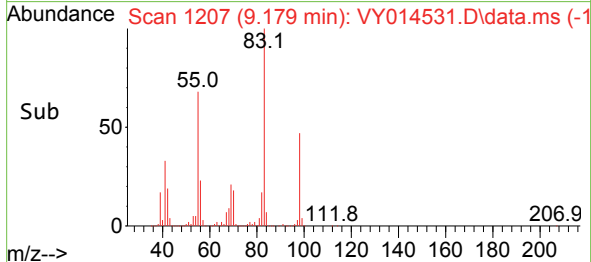
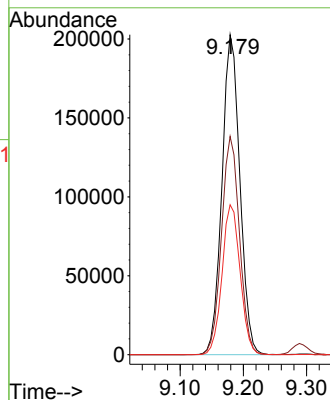
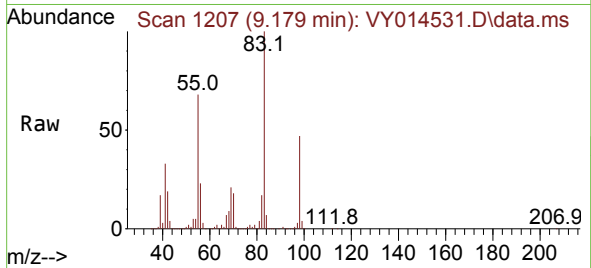




#39
Methylcyclohexane
Concen: 58.442 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

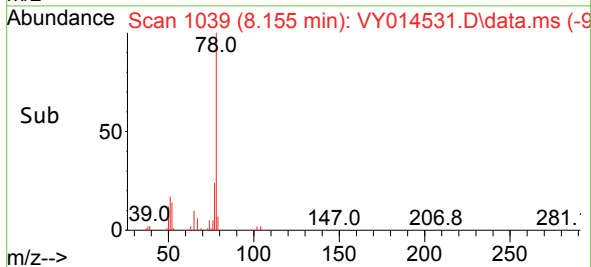
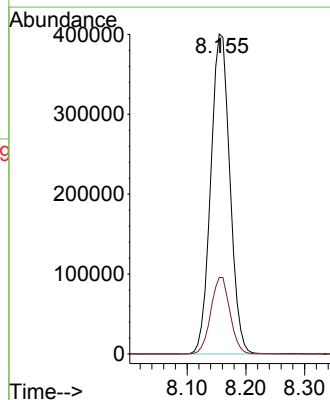
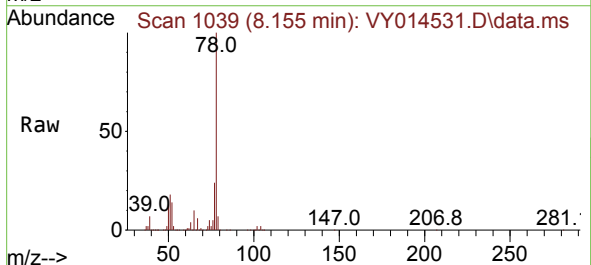
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

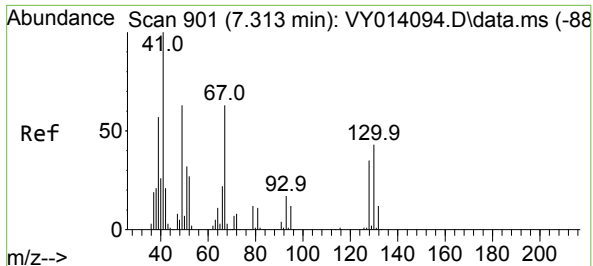
Tgt Ion: 83 Resp: 397879
Ion Ratio Lower Upper
83 100
55 68.2 63.0 94.4
98 46.9 37.4 56.2



#40
Benzene
Concen: 52.614 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 78 Resp: 907134
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

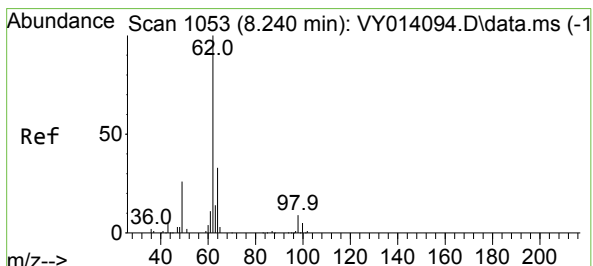
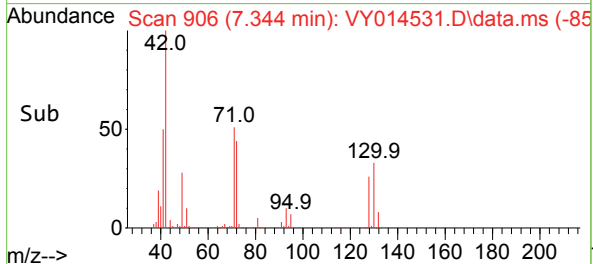
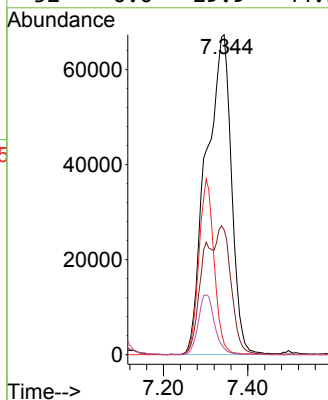
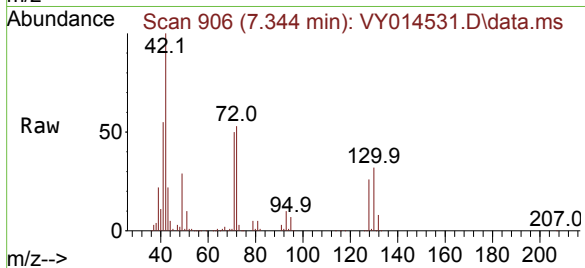




#41
Methacrylonitrile
Concen: 146.070 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

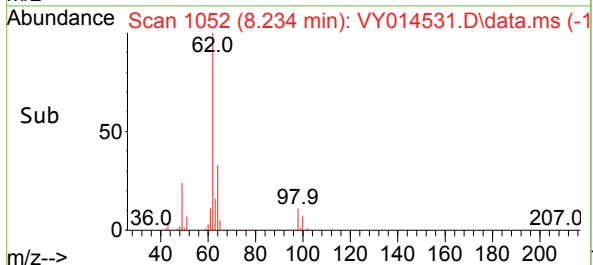
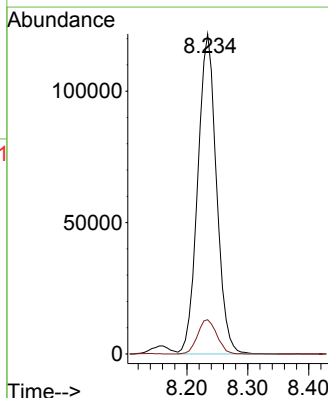
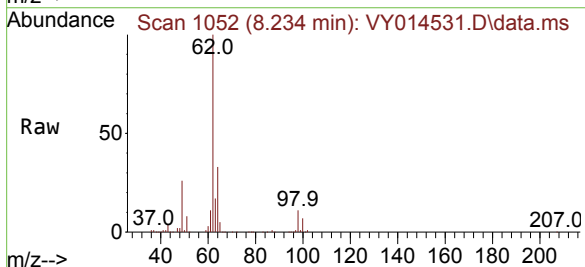
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

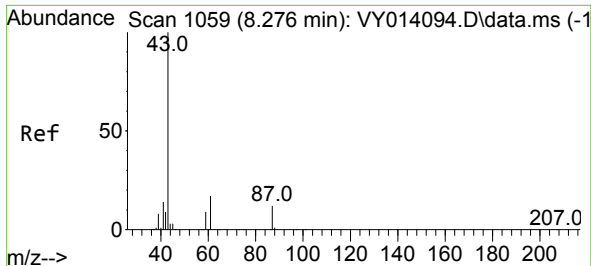
Tgt Ion:	41	Resp:	278744
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 51.236 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion:	62	Resp:	259648
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	15.8

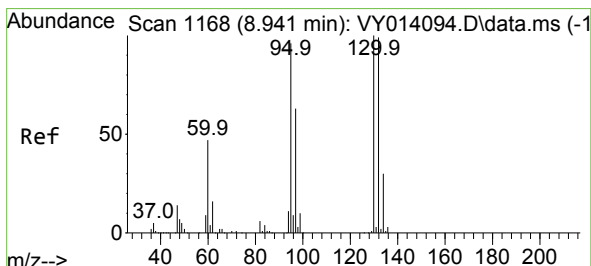
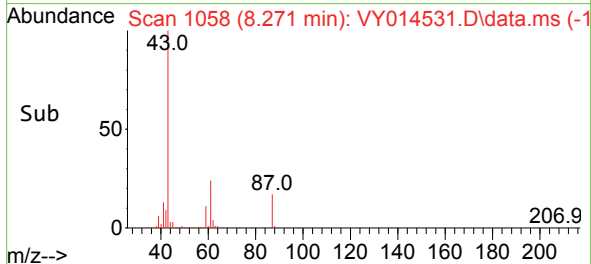
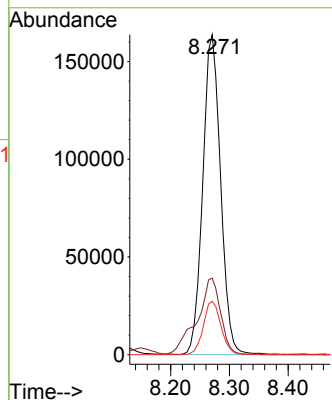
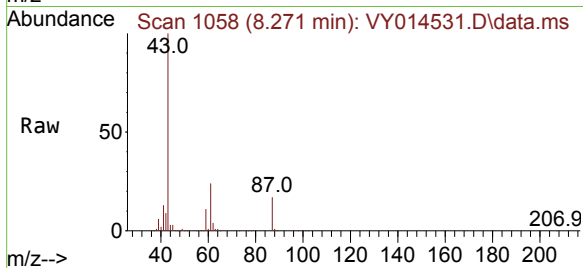




#43
Isopropyl Acetate
Concen: 52.128 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

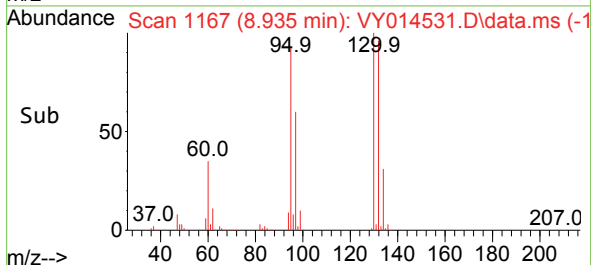
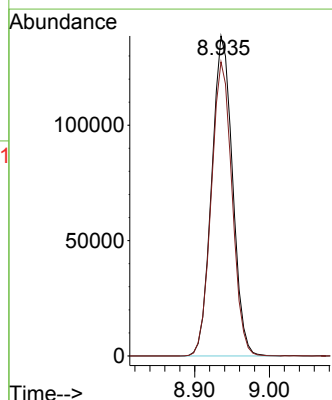
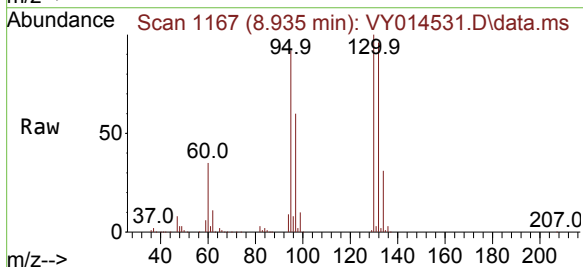
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

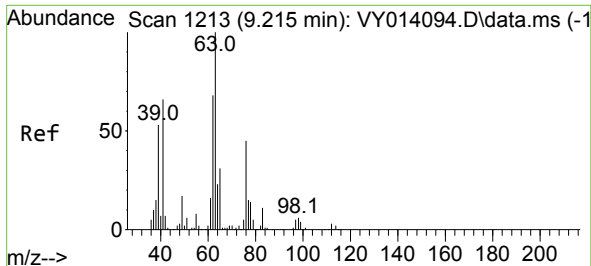
Tgt Ion: 43 Resp: 345067
Ion Ratio Lower Upper
43 100
61 31.8 21.1 31.7#
87 16.6 9.8 14.8#



#44
Trichloroethene
Concen: 55.976 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion:130 Resp: 269056
Ion Ratio Lower Upper
130 100
95 91.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.000 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

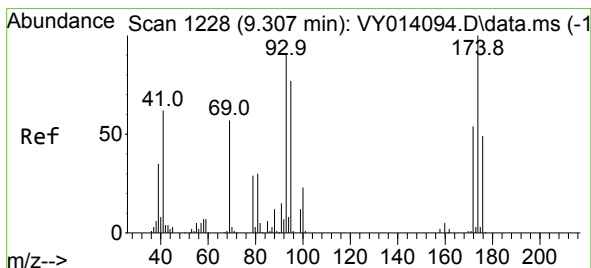
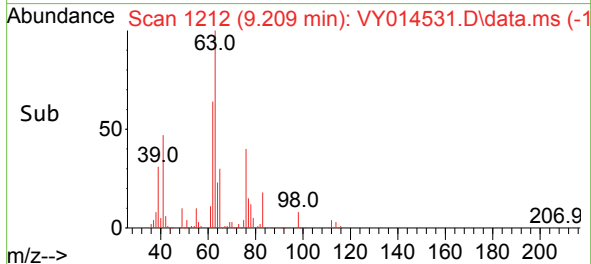
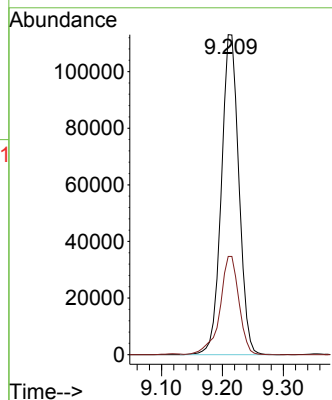
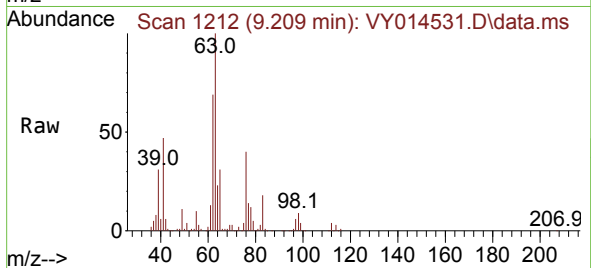
VSTDCCC050

Tgt Ion: 63 Resp: 225572

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 53.214 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

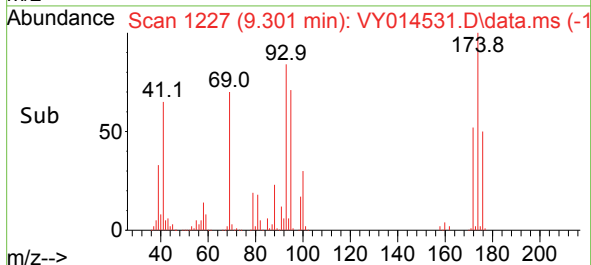
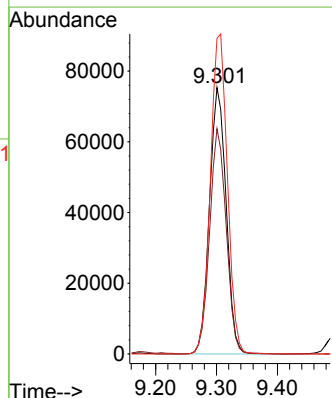
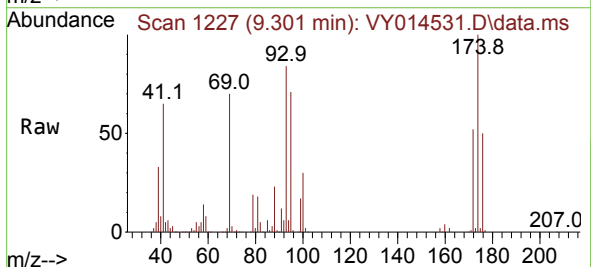
Tgt Ion: 93 Resp: 143288

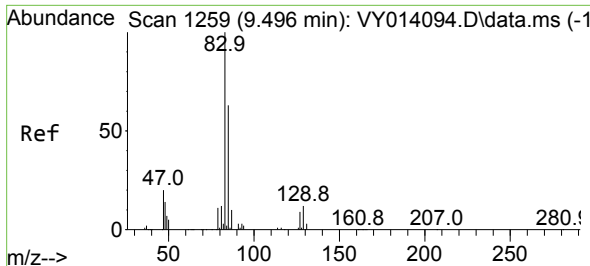
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 122.4 84.8 127.2

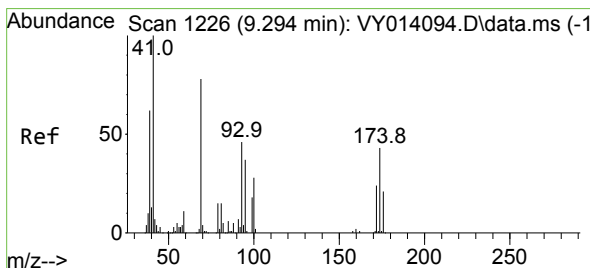
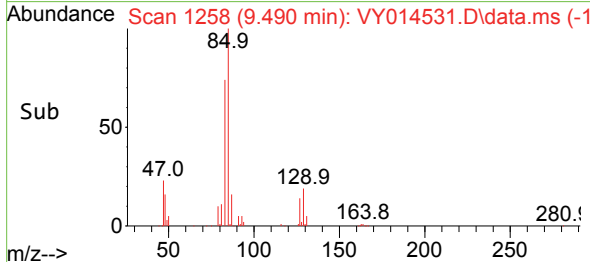
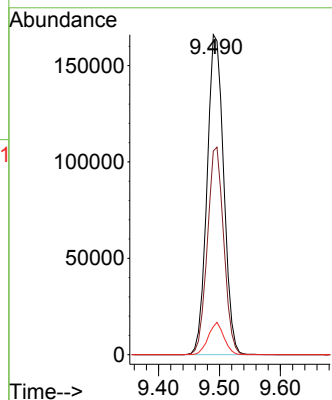
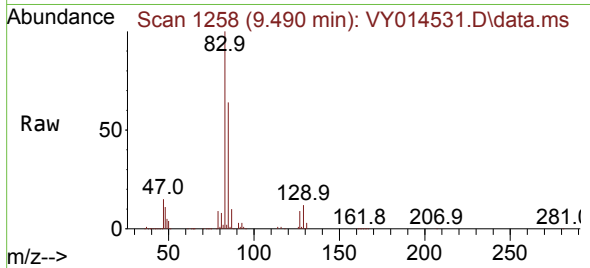




#47
 Bromodichloromethane
 Concen: 52.978 ug/l
 RT: 9.490 min Scan# 1258
 Delta R.T. -0.006 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

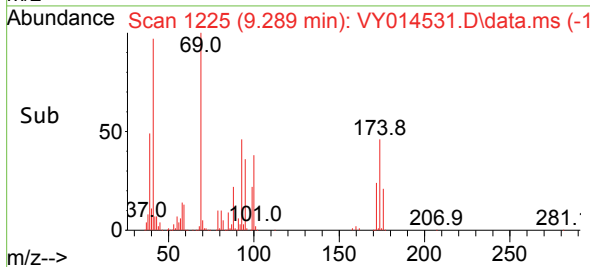
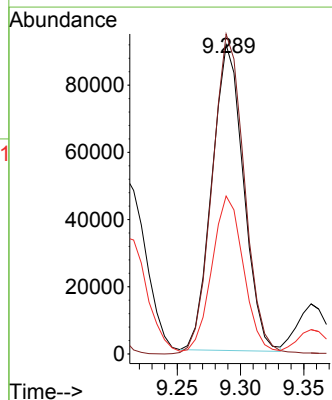
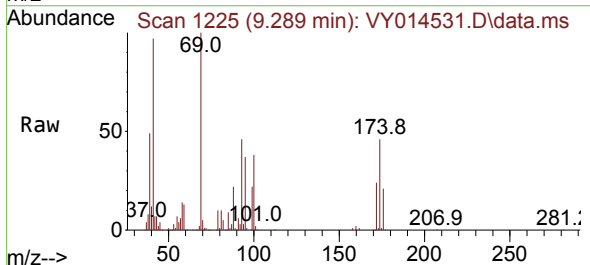
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

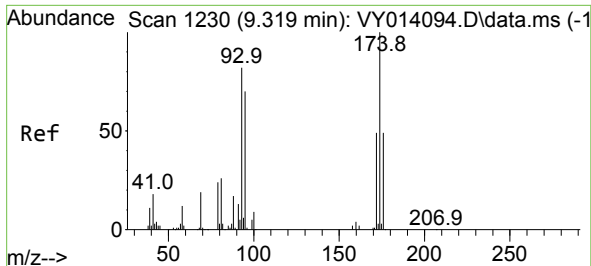
Tgt Ion: 83 Resp: 314312
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.1 75.1
 127 8.8 7.1 10.7



#48
 Methyl methacrylate
 Concen: 52.445 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.005 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

Tgt Ion: 41 Resp: 157871
 Ion Ratio Lower Upper
 41 100
 69 106.8 64.5 96.7#
 39 50.4 50.8 76.2#





#49

1,4-Dioxane

Concen: 1148.012 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

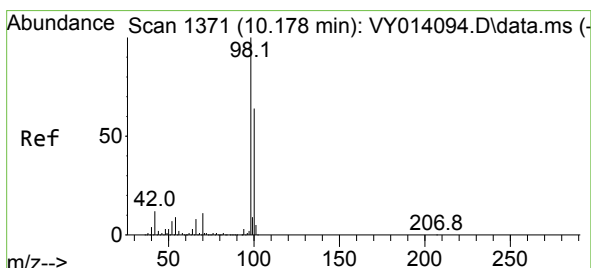
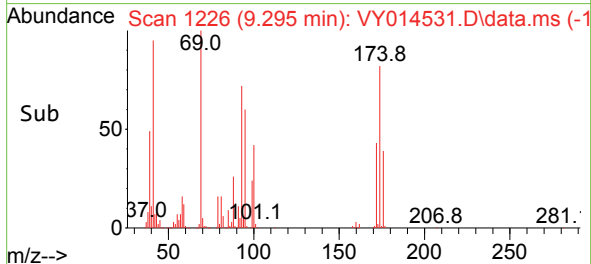
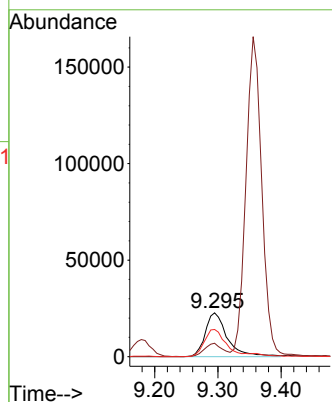
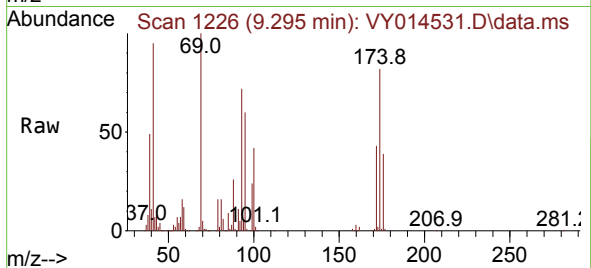
Tgt Ion: 88 Resp: 55199

Ion Ratio Lower Upper

88 100

43 25.1 0.0 0.0#

58 67.1 30.9 46.3#



#50

Toluene-d8

Concen: 49.434 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014531.D

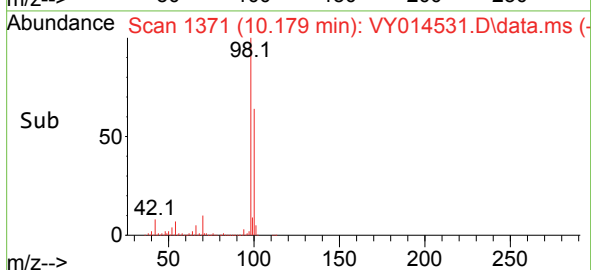
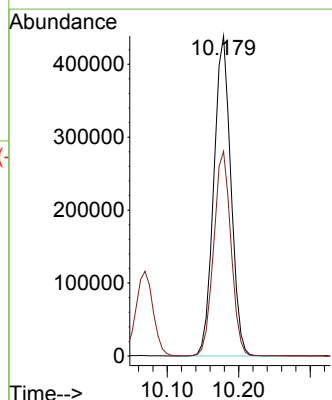
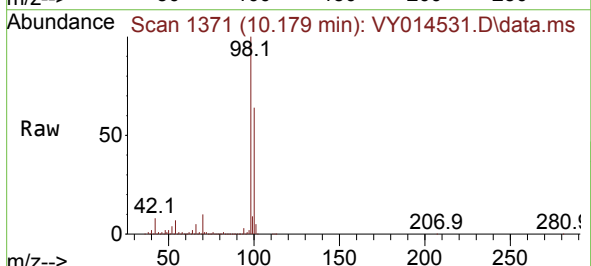
Acq: 03 Jul 2023 11:37

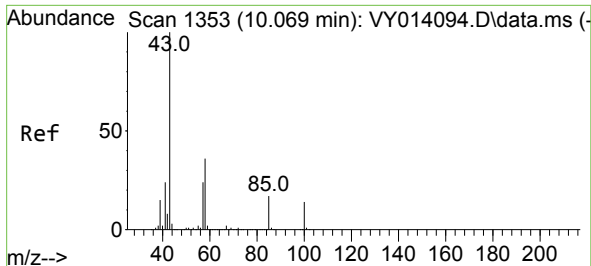
Tgt Ion: 98 Resp: 726824

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1

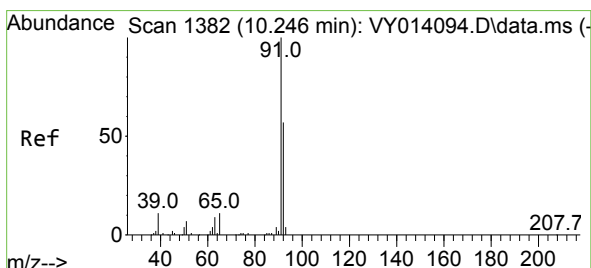
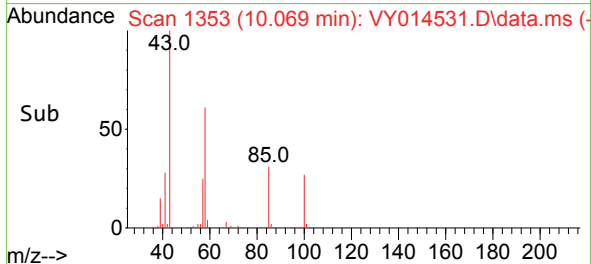
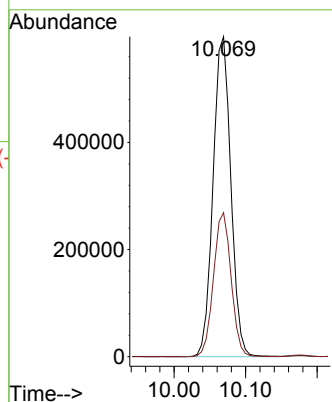
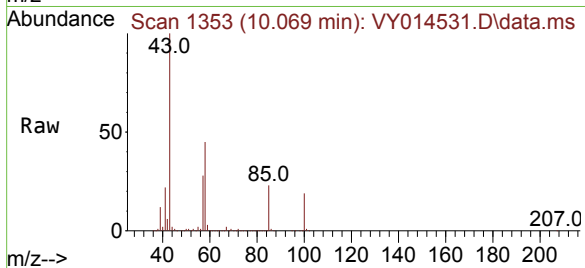




#51
4-Methyl-2-Pentanone
Concen: 262.795 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

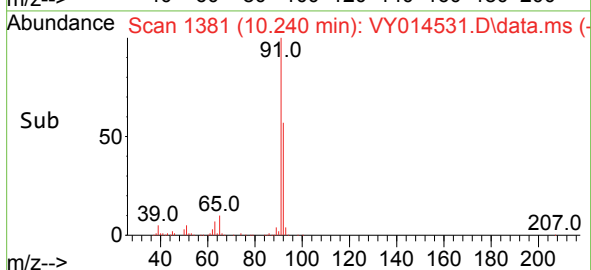
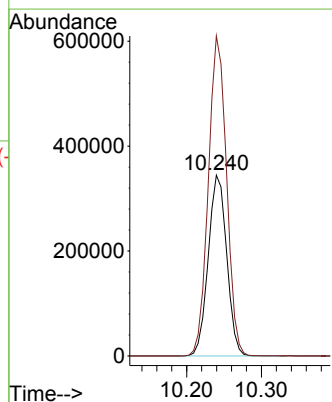
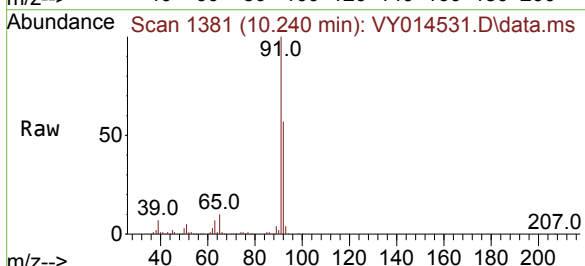
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

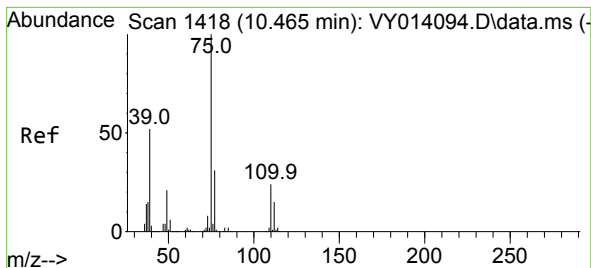
Tgt Ion: 43 Resp: 1029885
Ion Ratio Lower Upper
43 100
58 44.6 29.0 43.6#



#52
Toluene
Concen: 54.459 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 92 Resp: 590869
Ion Ratio Lower Upper
92 100
91 174.7 143.8 215.6

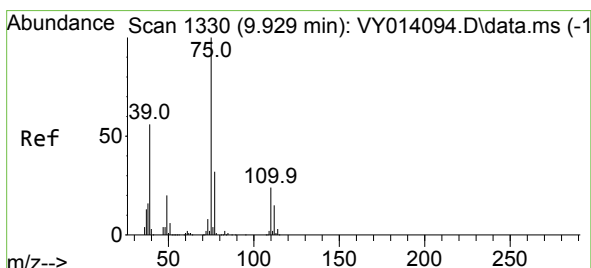
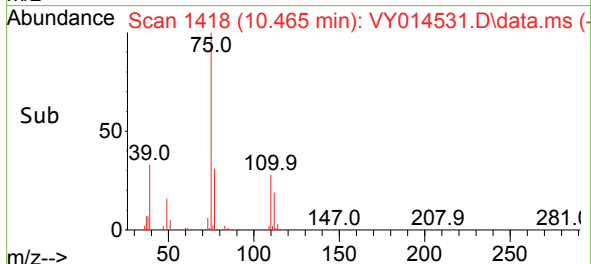
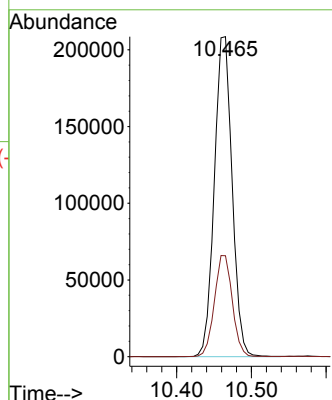
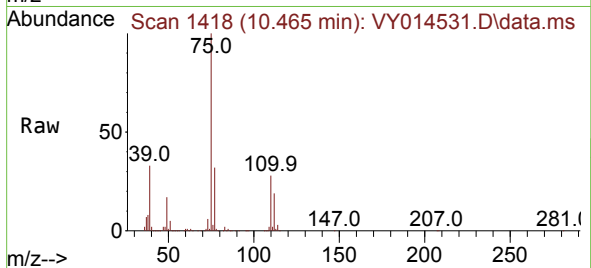




#53
t-1,3-Dichloropropene
Concen: 54.368 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

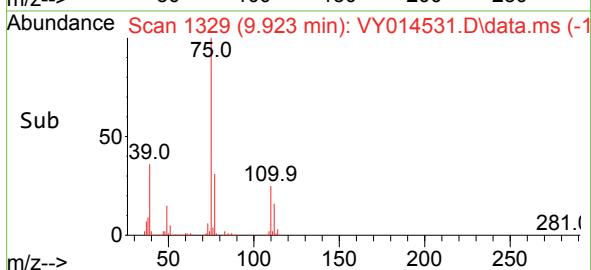
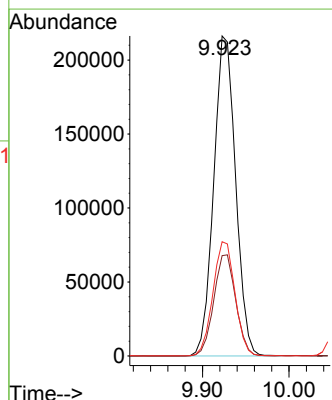
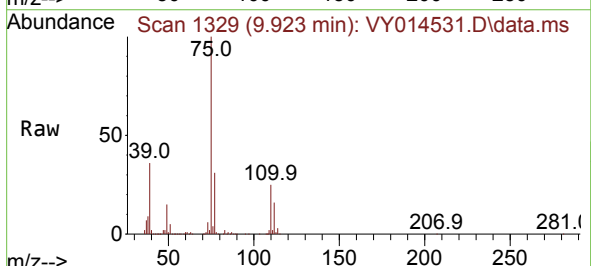
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

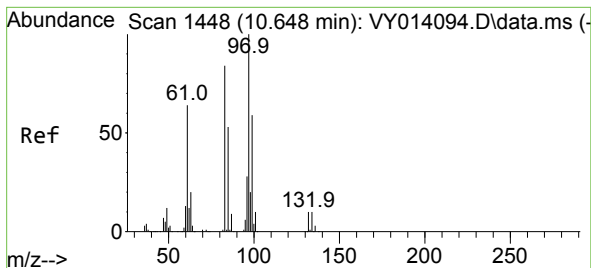
Tgt Ion: 75 Resp: 344935
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 53.632 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 75 Resp: 379642
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 35.7 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 54.459 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 213372

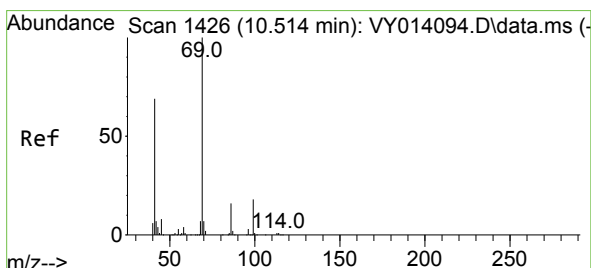
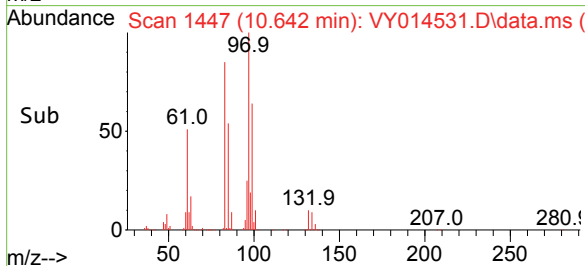
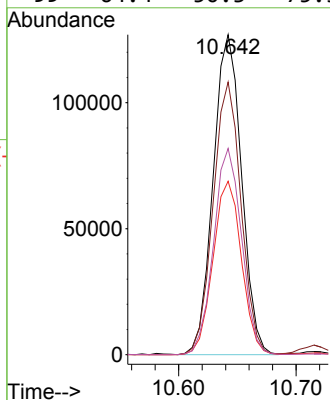
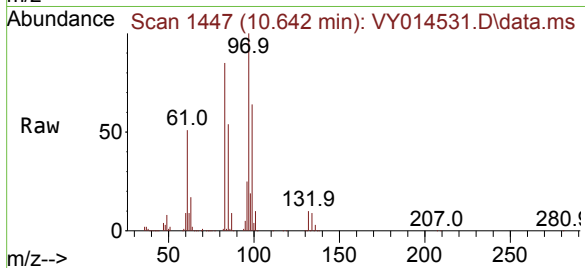
Ion Ratio Lower Upper

97 100

83 85.1 72.0 108.0

85 54.2 45.4 68.0

99 64.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 56.518 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

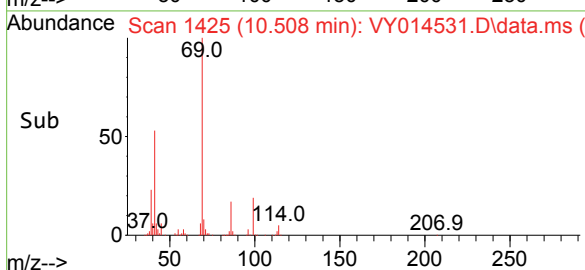
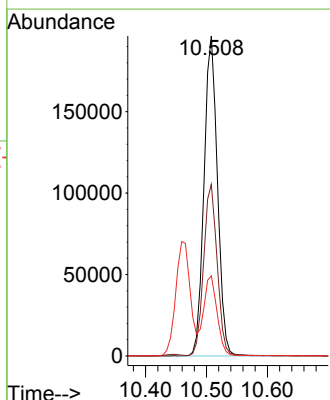
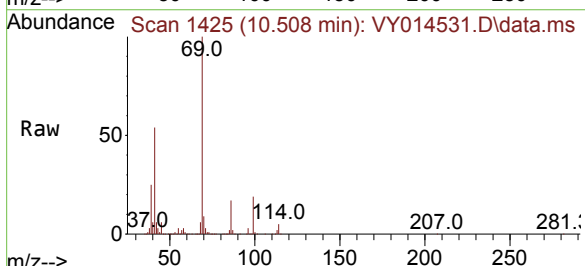
Tgt Ion: 69 Resp: 301225

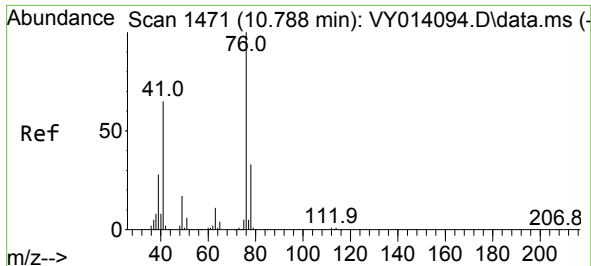
Ion Ratio Lower Upper

69 100

41 53.7 57.6 86.4#

39 25.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 53.240 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

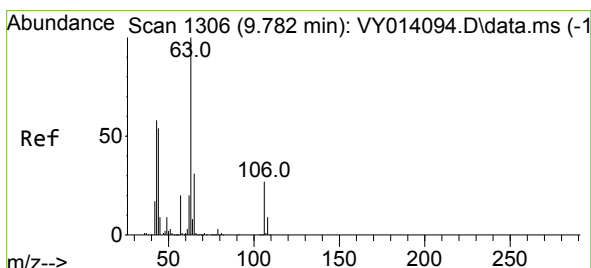
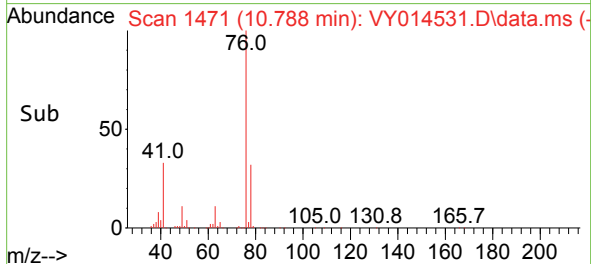
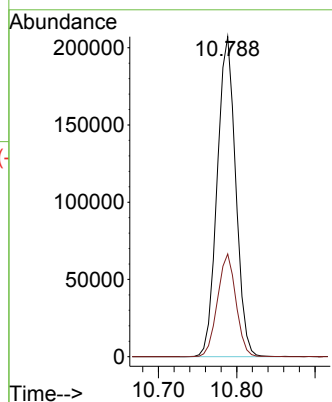
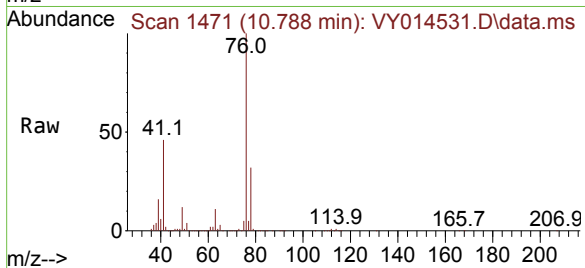
VSTDCCC050

Tgt Ion: 76 Resp: 339882

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 255.613 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014531.D

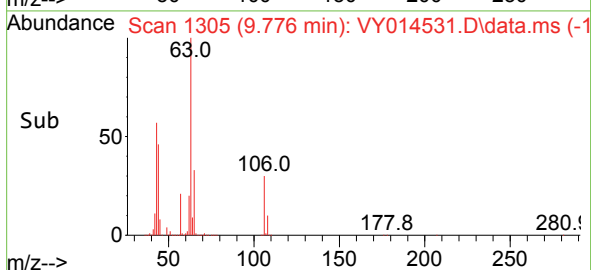
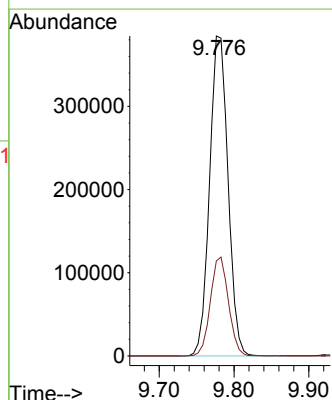
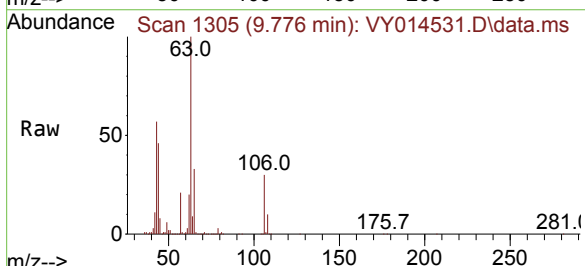
Acq: 03 Jul 2023 11:37

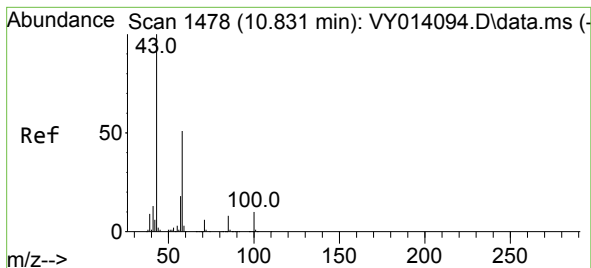
Tgt Ion: 63 Resp: 659994

Ion Ratio Lower Upper

63 100

106 30.3 21.2 31.8

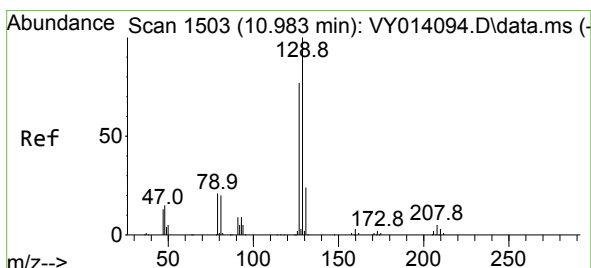
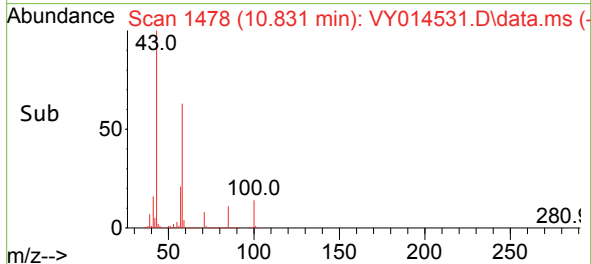
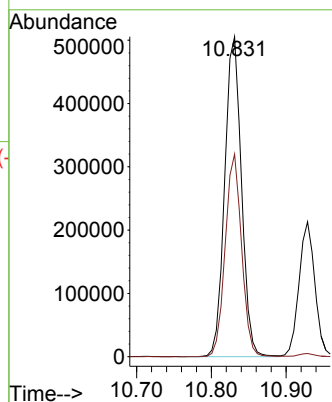
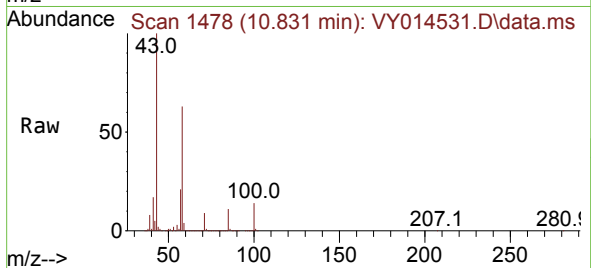




#59
2-Hexanone
Concen: 278.779 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

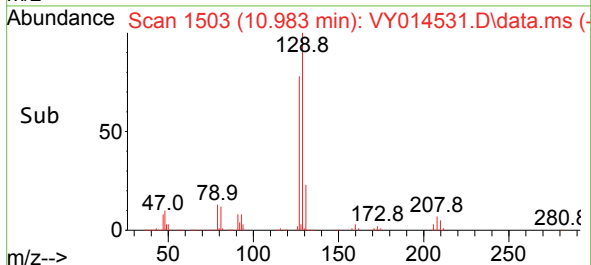
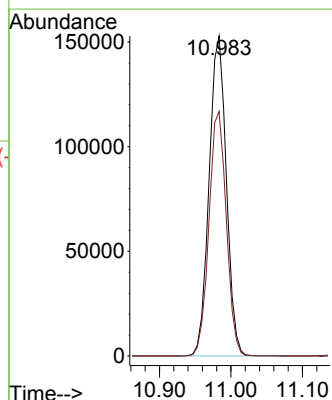
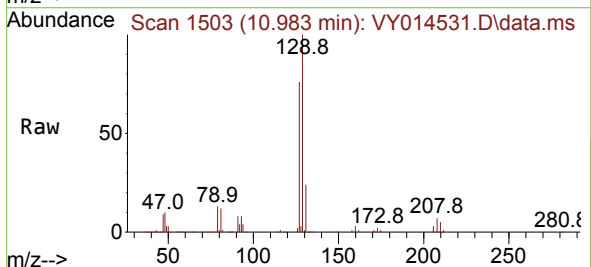
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

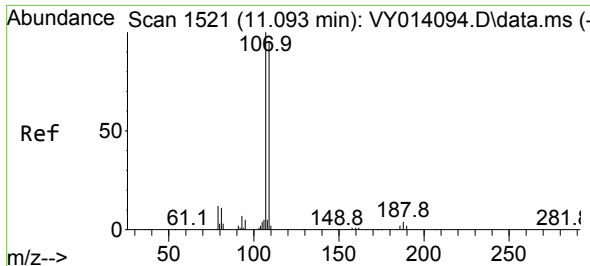
Tgt Ion: 43 Resp: 789197
Ion Ratio Lower Upper
43 100
58 61.8 25.1 75.3



#60
Dibromochloromethane
Concen: 55.675 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 129 Resp: 255604
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

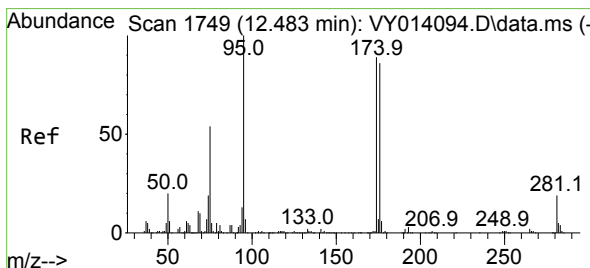
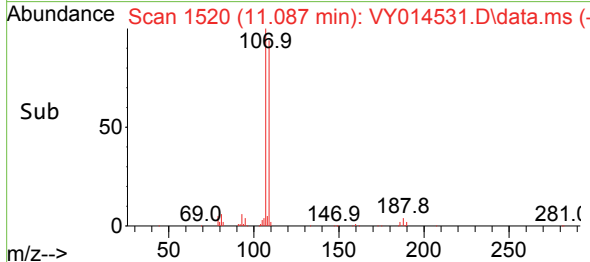
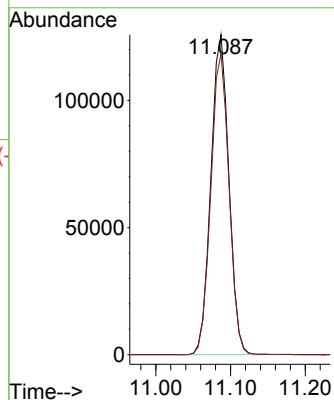
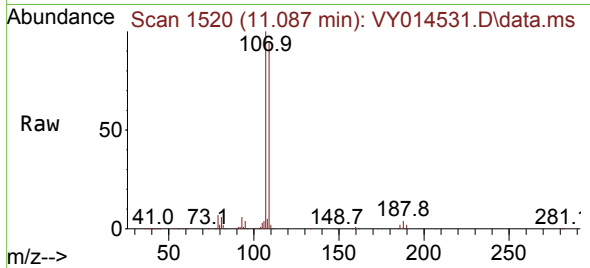




#61
1,2-Dibromoethane
Concen: 55.122 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

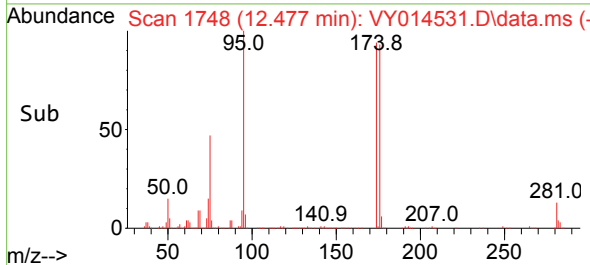
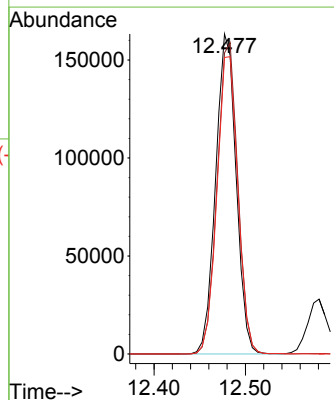
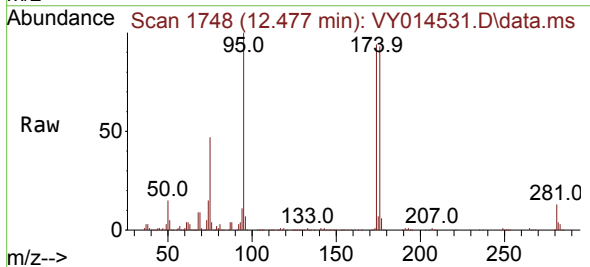
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

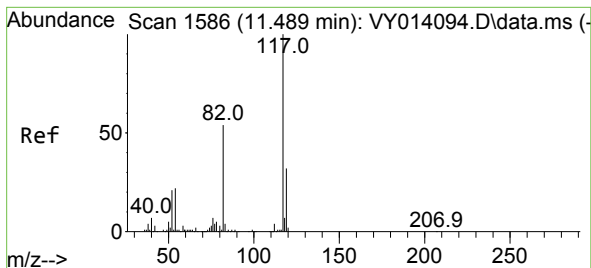
Tgt Ion:107 Resp: 210851
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.787 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 95 Resp: 254186
Ion Ratio Lower Upper
95 100
174 98.3 0.0 178.2
176 95.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

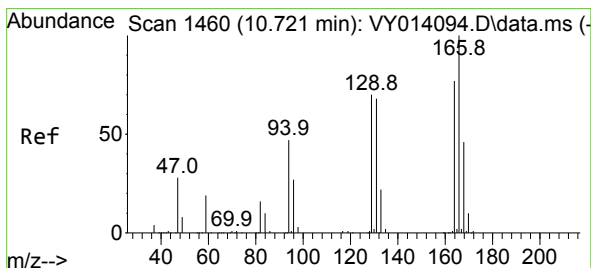
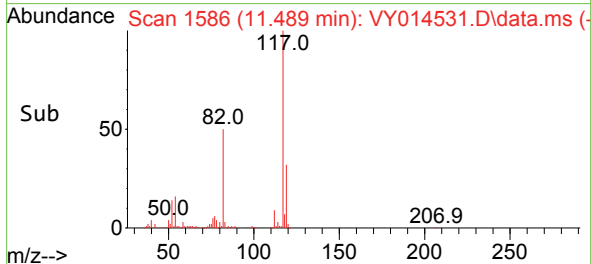
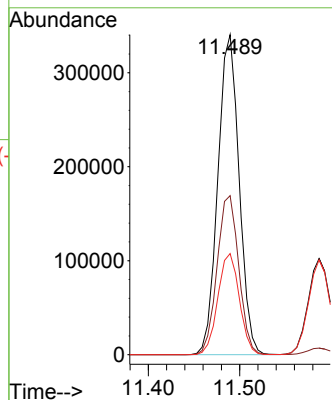
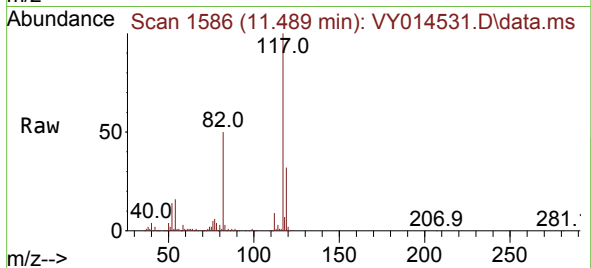
Tgt Ion:117 Resp: 550474

Ion Ratio Lower Upper

117 100

82 49.7 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 56.557 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Tgt Ion:164 Resp: 278310

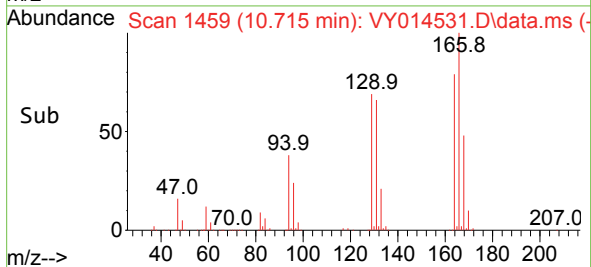
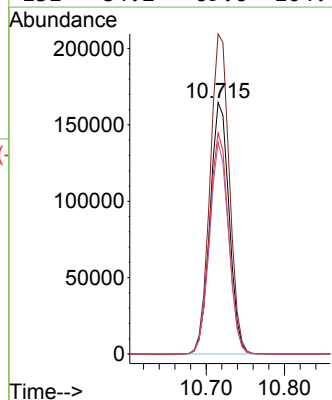
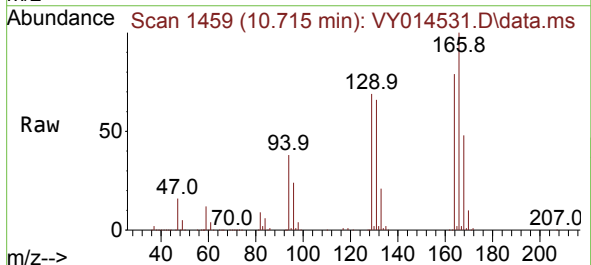
Ion Ratio Lower Upper

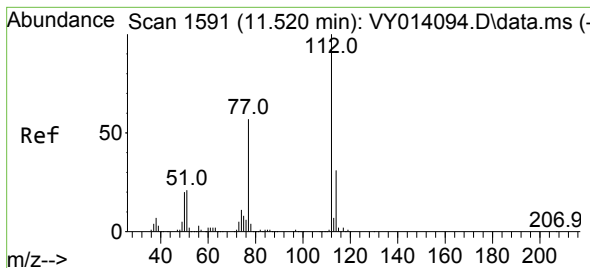
164 100

166 127.3 103.0 154.6

129 88.0 77.2 115.8

131 84.2 69.6 104.4

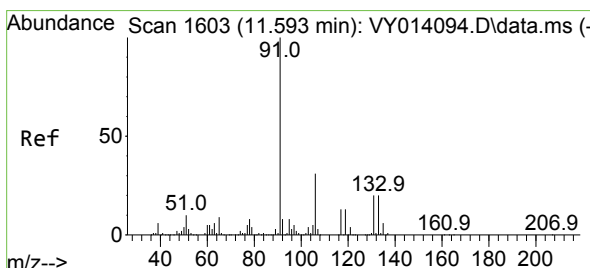
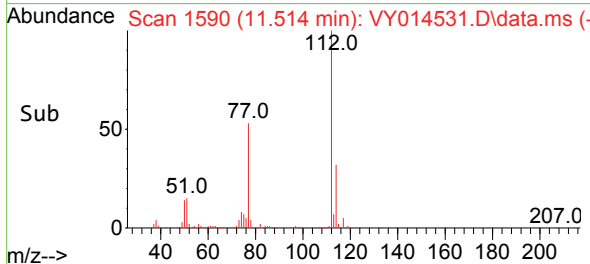
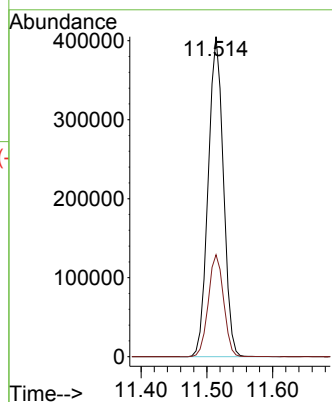
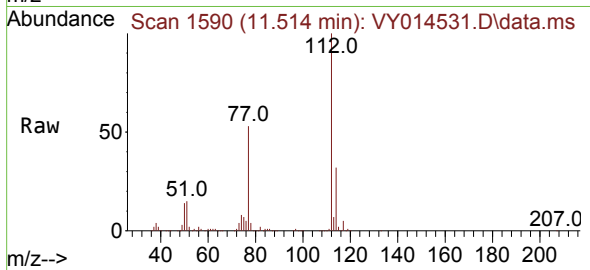




#65
Chlorobenzene
Concen: 55.564 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

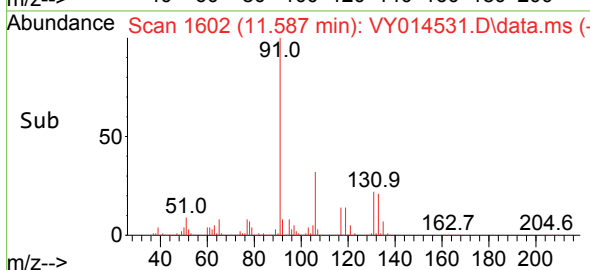
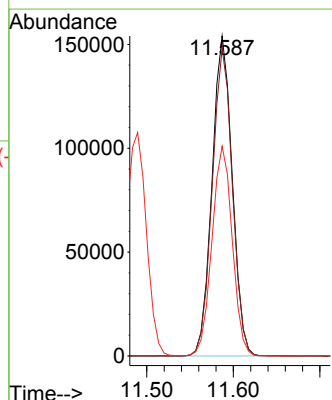
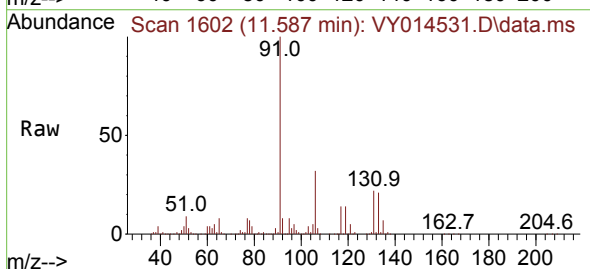
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

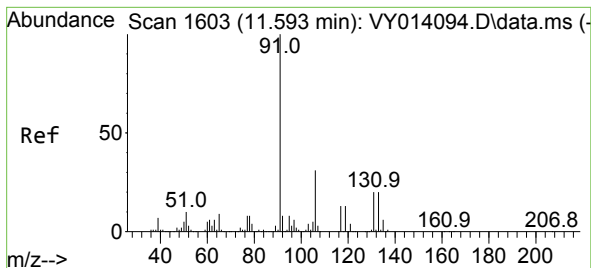
Tgt Ion:112 Resp: 651824
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.996 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion:131 Resp: 249670
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 56.647 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

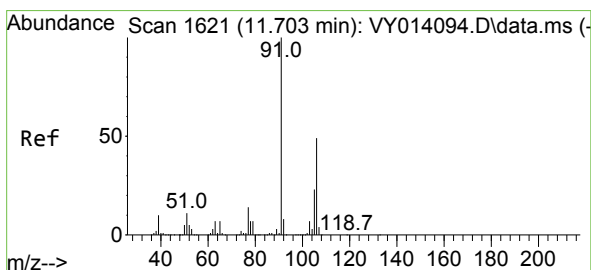
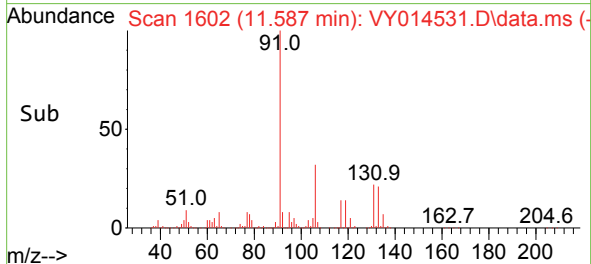
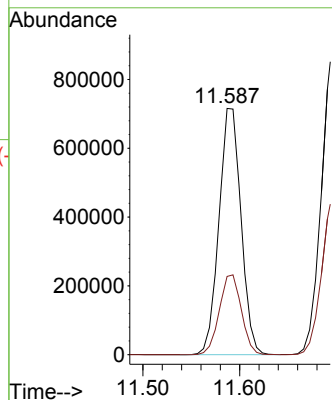
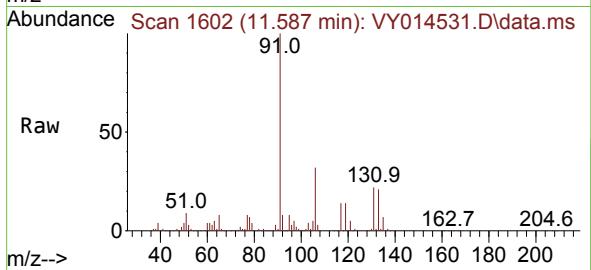
VSTDCCC050

Tgt Ion: 91 Resp: 1133242

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 114.642 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014531.D

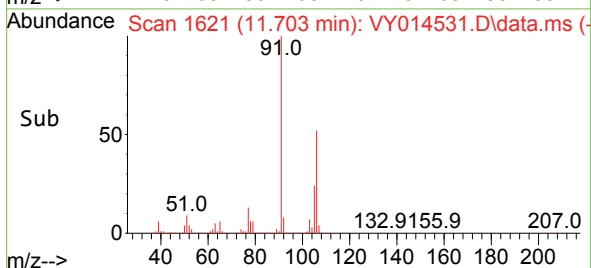
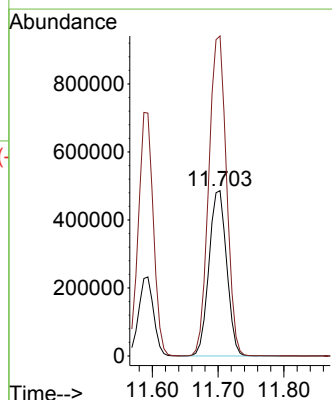
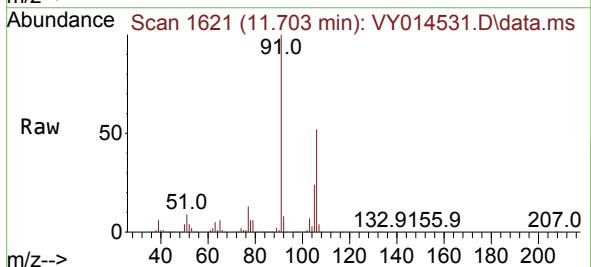
Acq: 03 Jul 2023 11:37

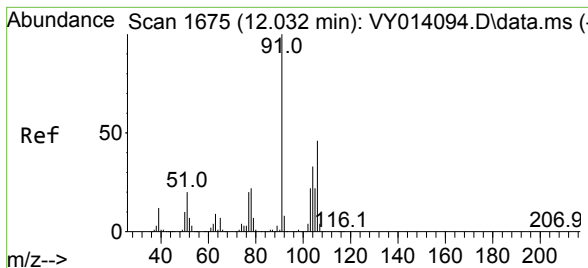
Tgt Ion:106 Resp: 909722

Ion Ratio Lower Upper

106 100

91 193.7 166.1 249.1

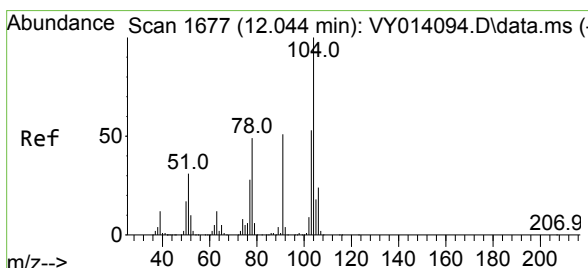
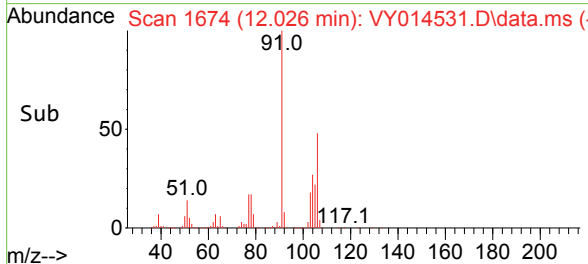
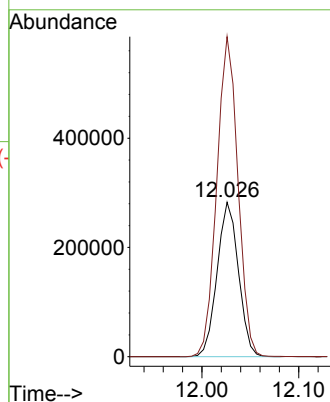
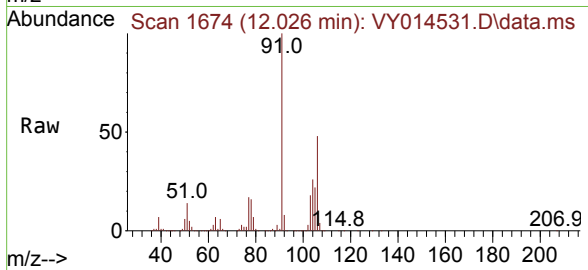




#69
o-Xylene
Concen: 57.413 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

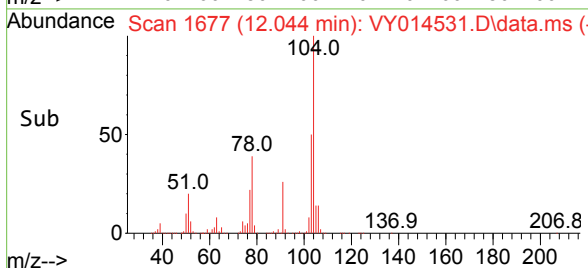
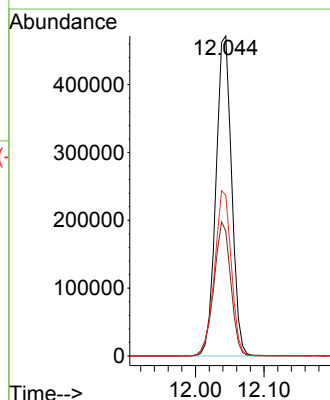
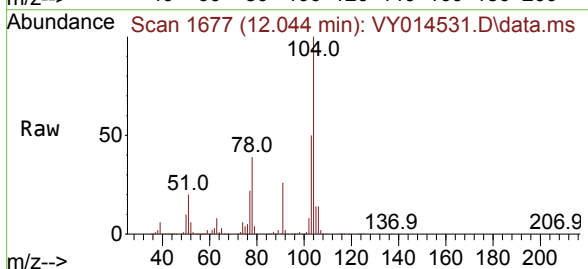
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

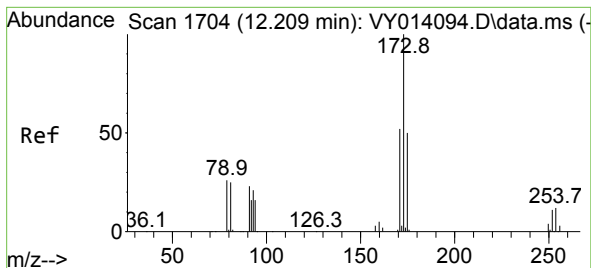
Tgt Ion:106 Resp: 432112
Ion Ratio Lower Upper
106 100
91 205.3 108.1 324.3



#70
Styrene
Concen: 57.878 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion:104 Resp: 749462
Ion Ratio Lower Upper
104 100
78 45.0 41.5 62.3
103 55.1 44.6 67.0





#71

Bromoform

Concen: 58.874 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

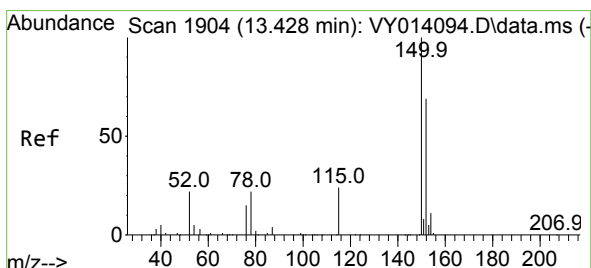
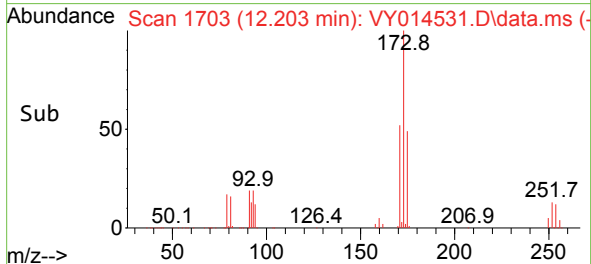
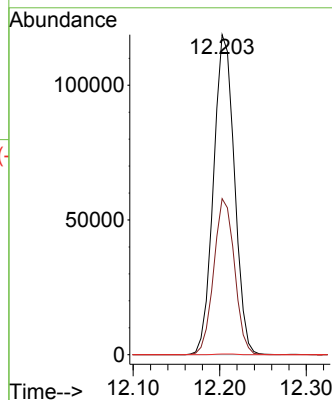
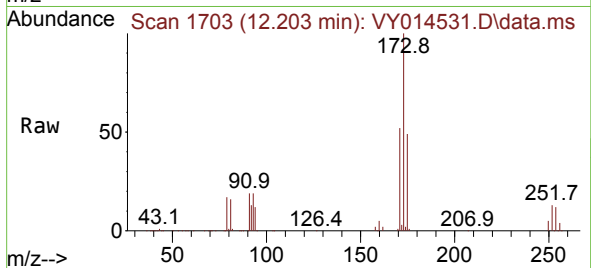
Tgt Ion:173 Resp: 199428

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.2 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: VY014531.D

Acq: 03 Jul 2023 11:37

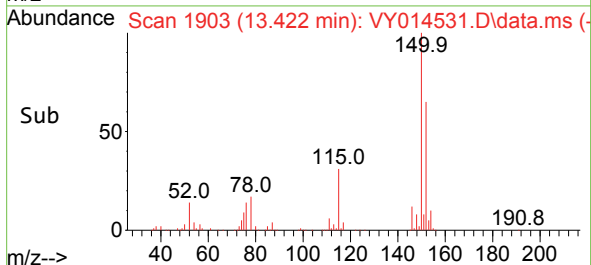
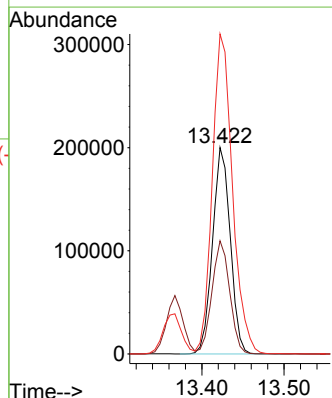
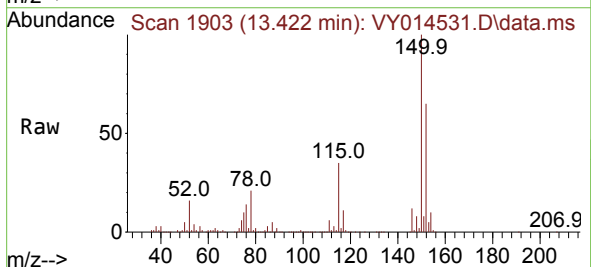
Tgt Ion:152 Resp: 300312

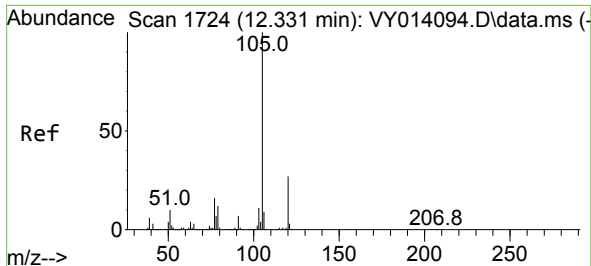
Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 176.4 0.0 348.8

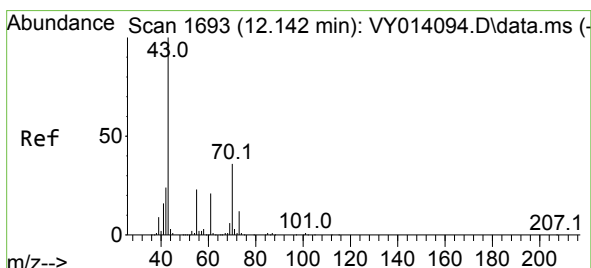
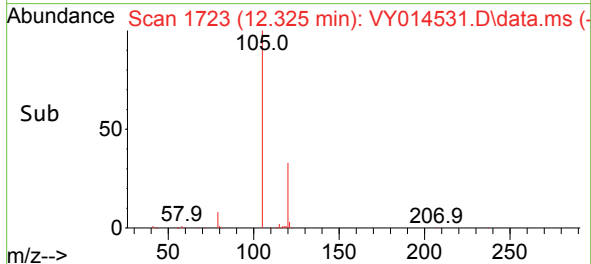
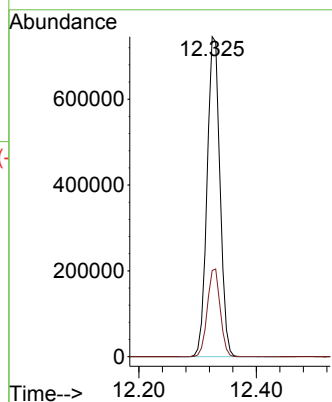
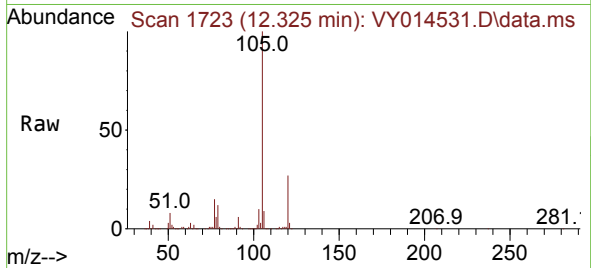




#73
Isopropylbenzene
Concen: 57.732 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

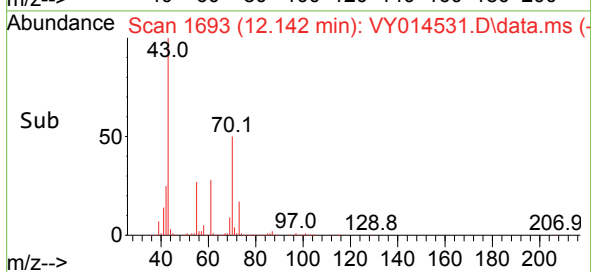
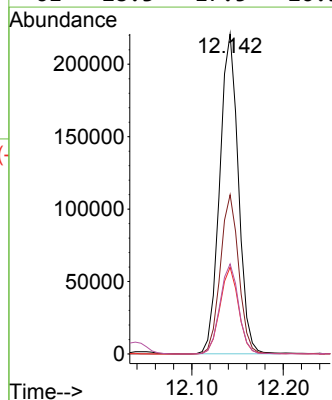
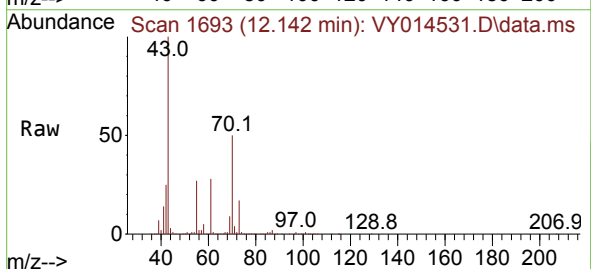
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

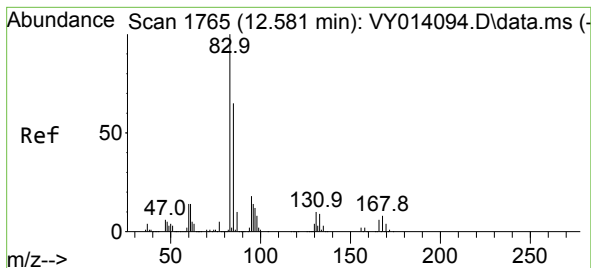
Tgt Ion:105 Resp: 1135490
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 52.799 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 43 Resp: 313421
Ion Ratio Lower Upper
43 100
70 49.2 29.7 44.5#
55 27.1 18.3 27.5
61 28.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 54.796 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

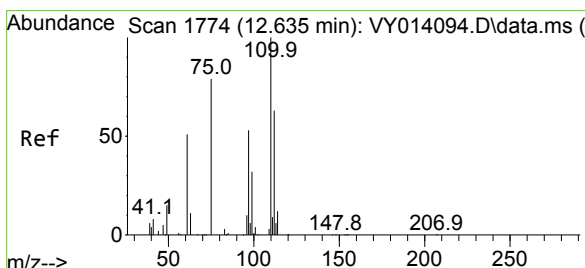
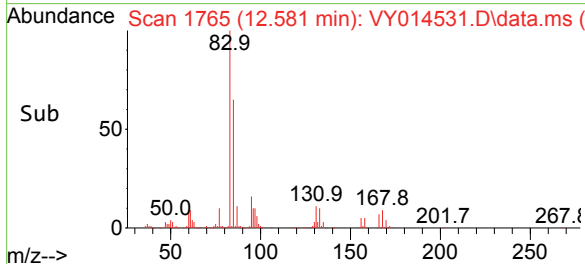
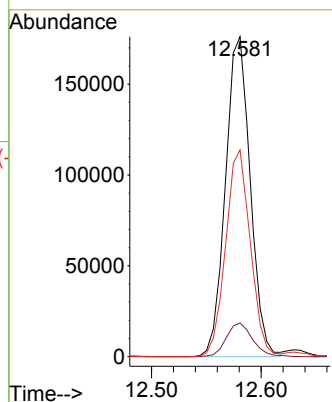
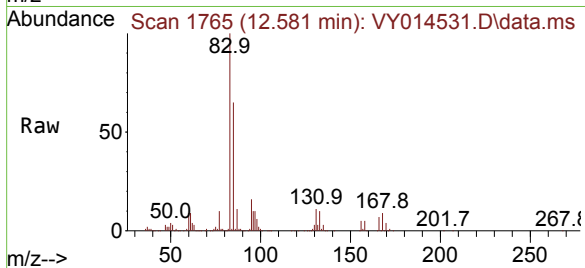
Tgt Ion: 83 Resp: 276573

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 100.698 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014531.D

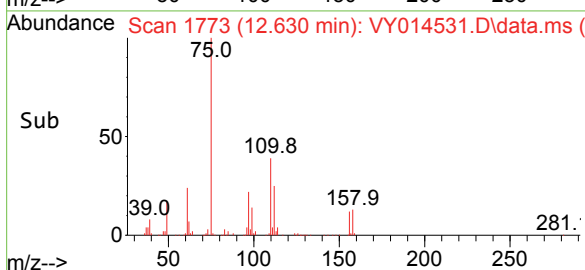
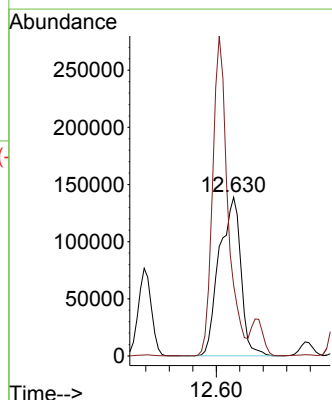
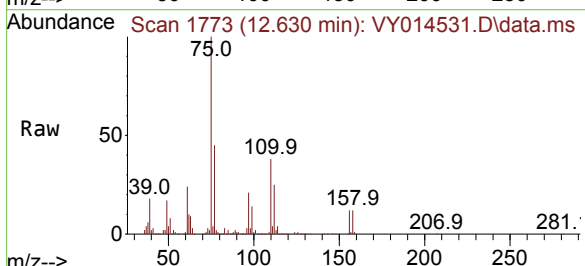
Acq: 03 Jul 2023 11:37

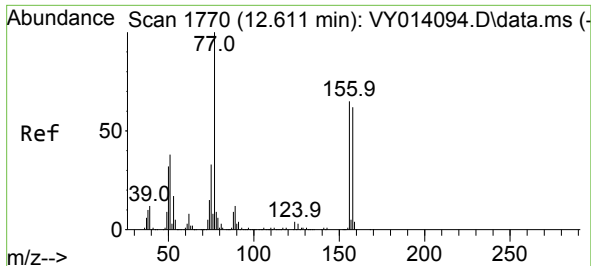
Tgt Ion: 75 Resp: 354865

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

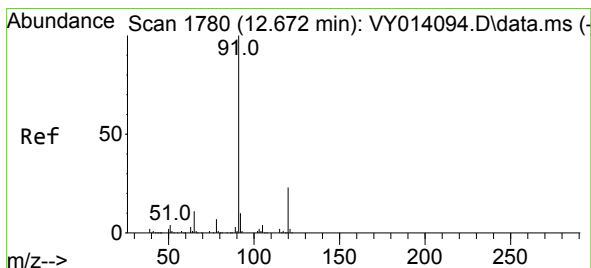
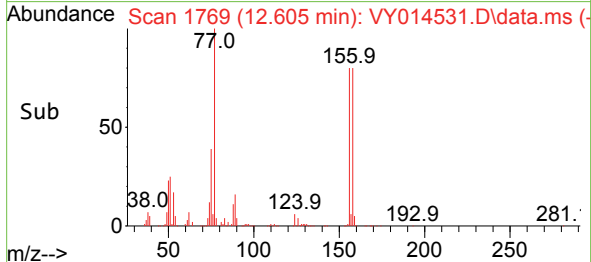
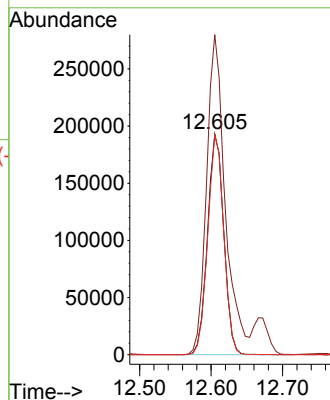
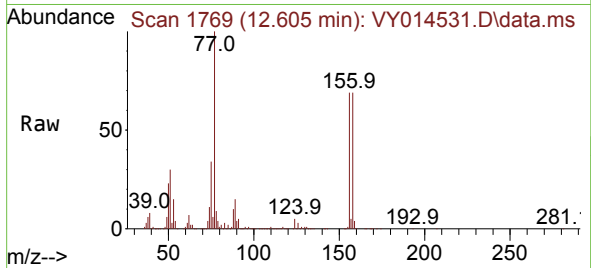




#77
Bromobenzene
Concen: 56.655 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

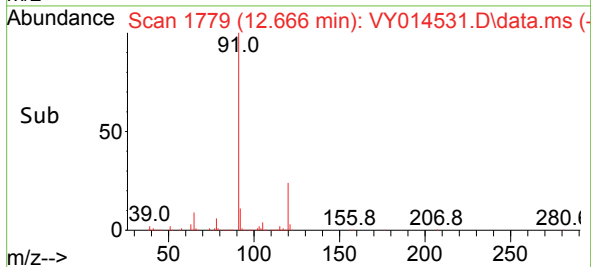
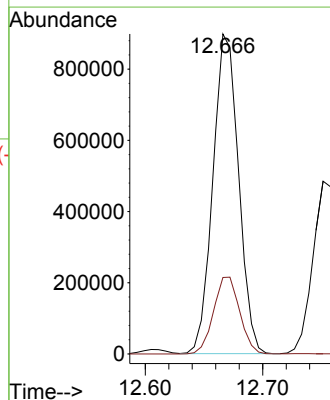
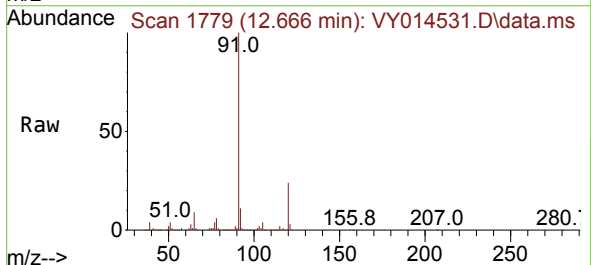
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

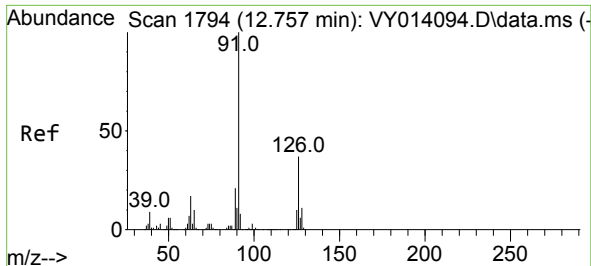
Tgt Ion:156 Resp: 304348
Ion Ratio Lower Upper
156 100
77 166.7 92.8 278.6
158 98.3 48.4 145.3



#78
n-propylbenzene
Concen: 56.815 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 91 Resp: 1363097
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4

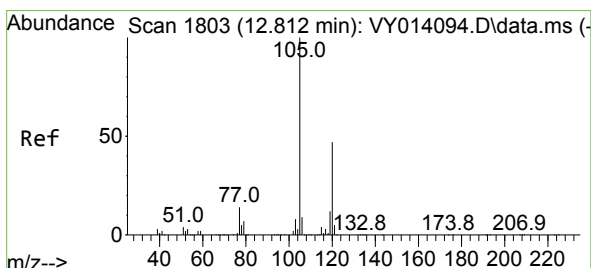
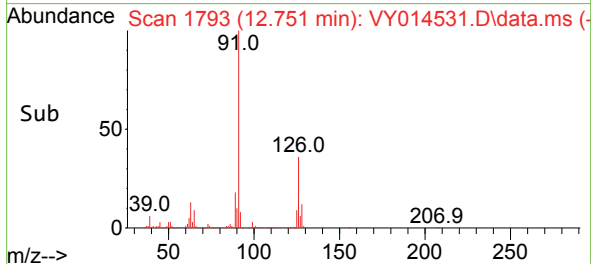
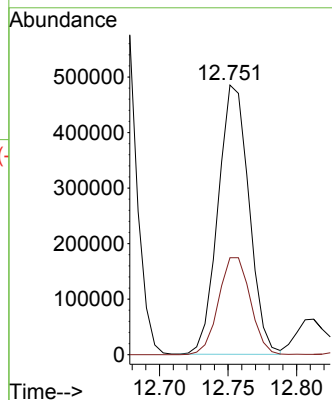
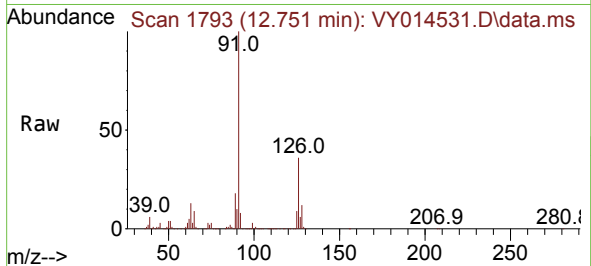




#79
2-Chlorotoluene
Concen: 55.214 ug/l
RT: 12.751 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

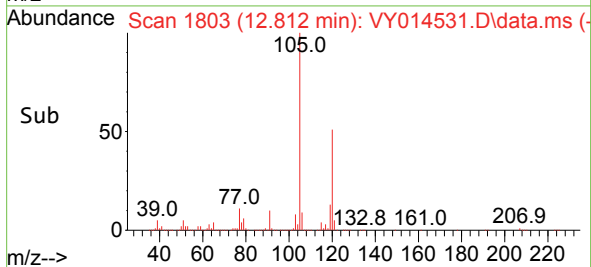
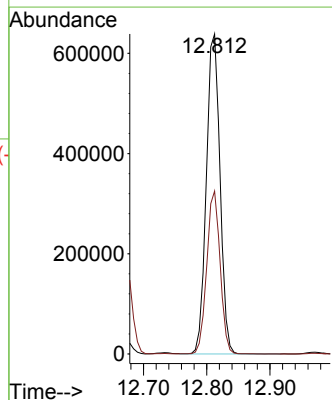
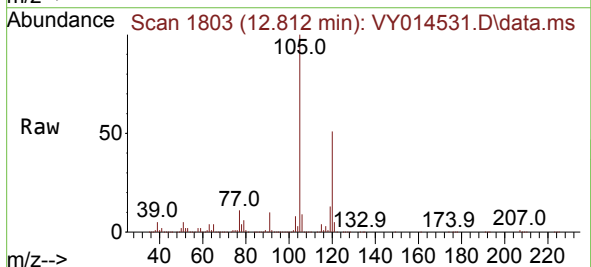
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

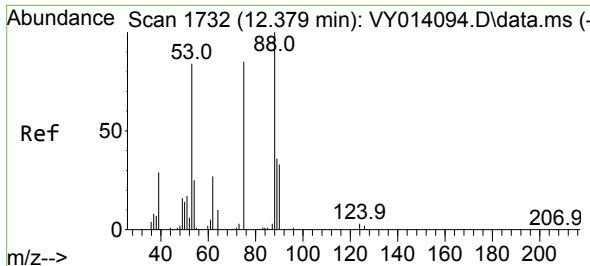
Tgt Ion: 91 Resp: 762355
Ion Ratio Lower Upper
91 100
126 37.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 57.737 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 105 Resp: 961346
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

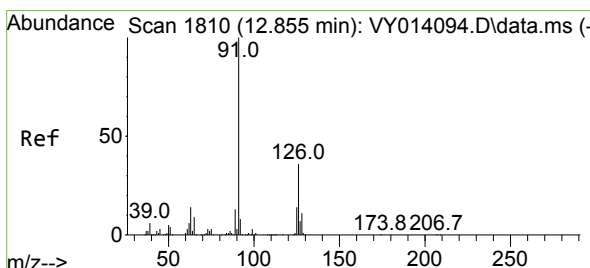
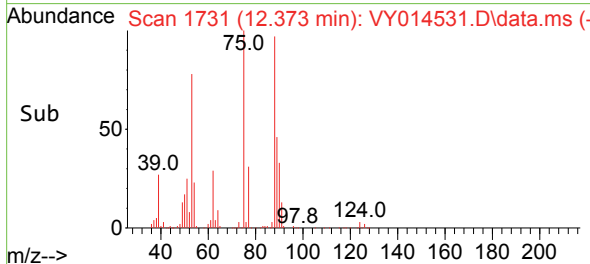
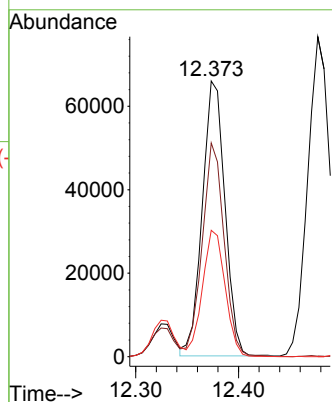
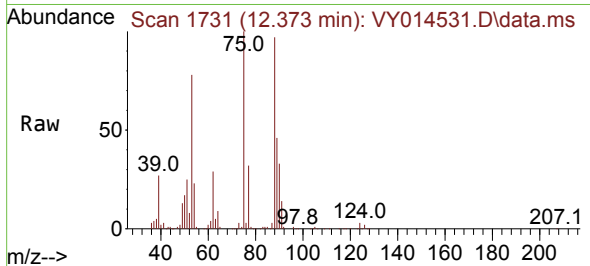




#81
trans-1,4-Dichloro-2-butene
Concen: 55.685 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

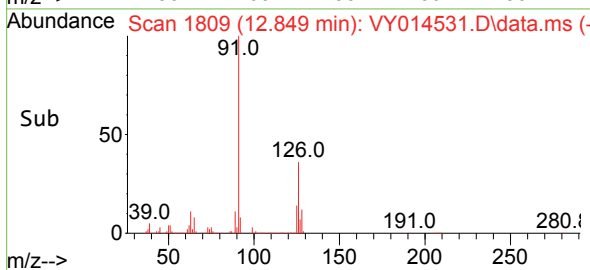
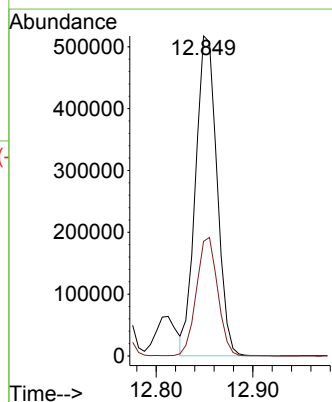
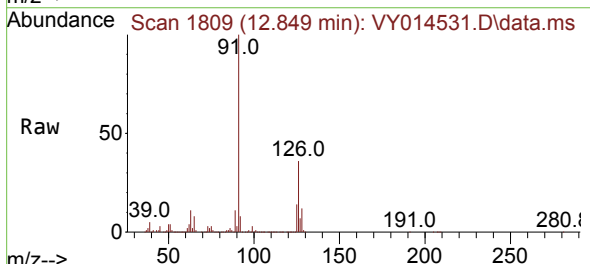
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

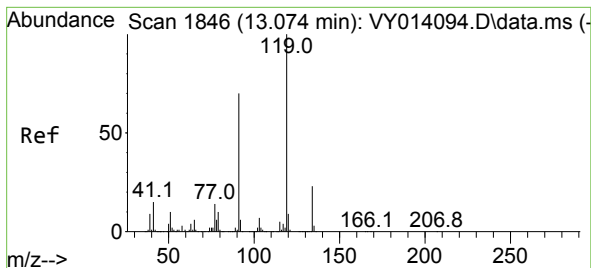
Tgt Ion: 75 Resp: 100820
Ion Ratio Lower Upper
75 100
53 75.8 77.8 116.8#
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 55.010 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 91 Resp: 795724
Ion Ratio Lower Upper
91 100
126 37.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 59.111 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

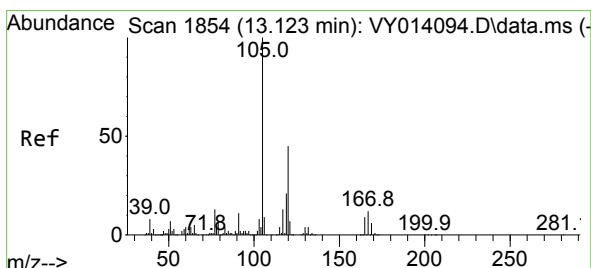
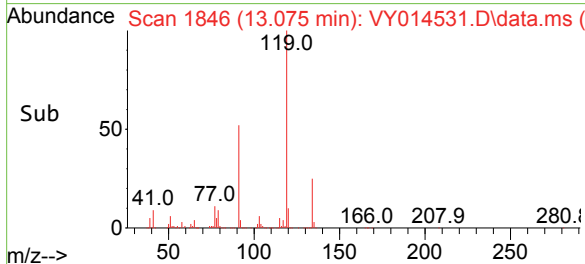
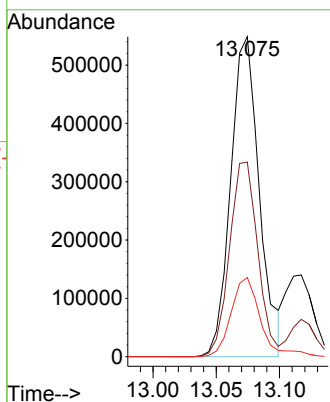
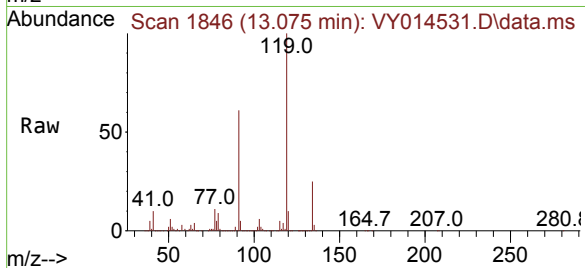
Tgt Ion:119 Resp: 864992

Ion Ratio Lower Upper

119 100

91 60.0 32.9 98.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 57.922 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014531.D

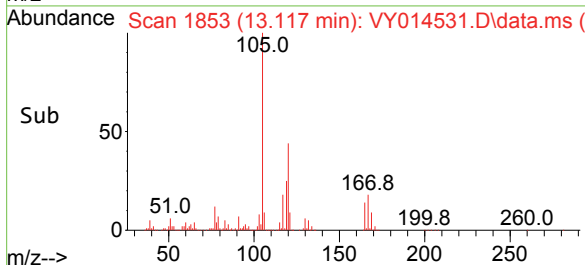
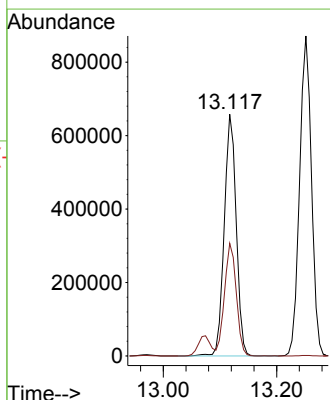
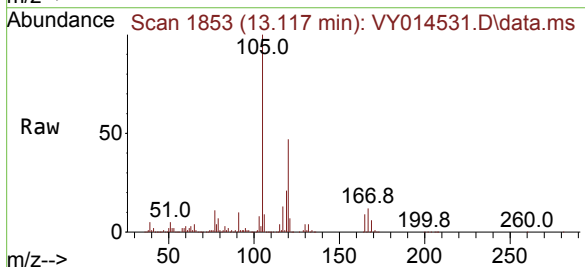
Acq: 03 Jul 2023 11:37

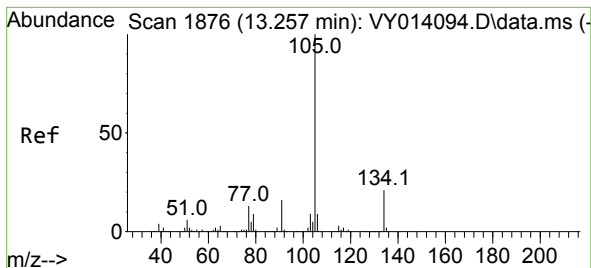
Tgt Ion:105 Resp: 962376

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 58.576 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

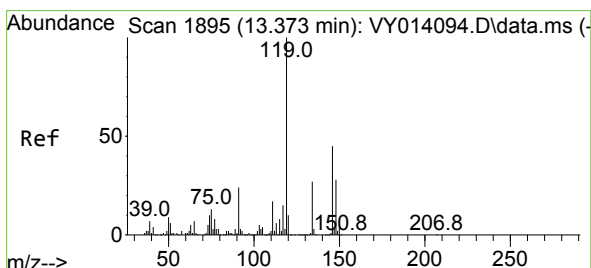
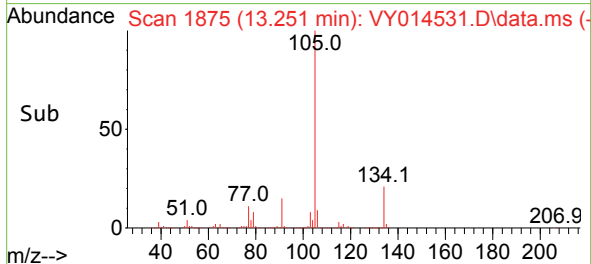
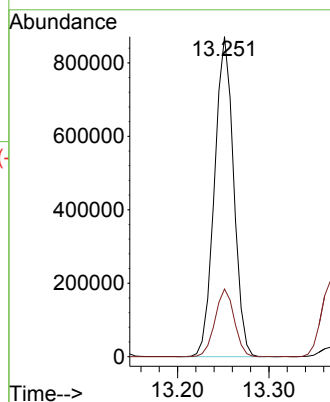
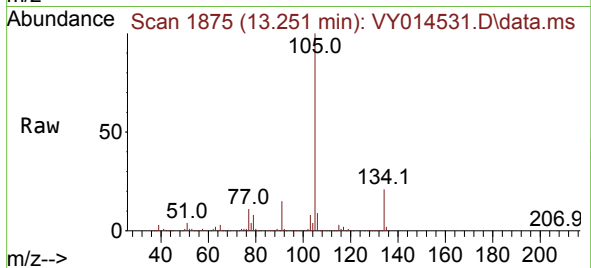
VSTDCCC050

Tgt Ion:105 Resp: 1264878

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 59.457 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

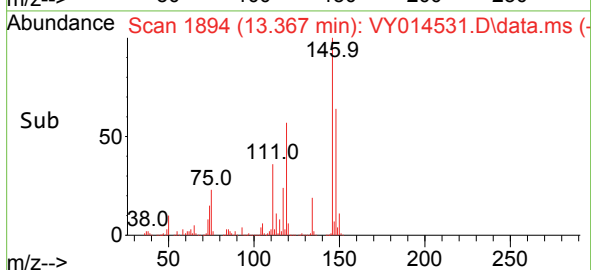
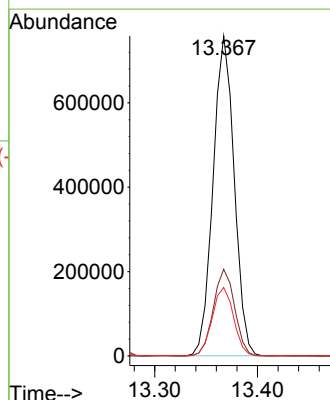
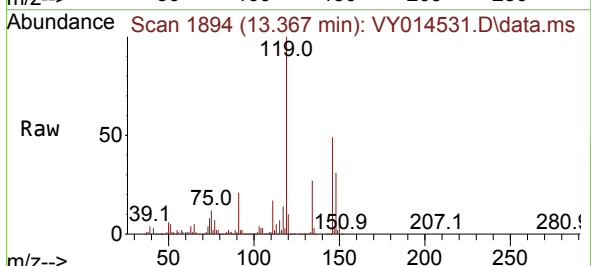
Tgt Ion:119 Resp: 1080464

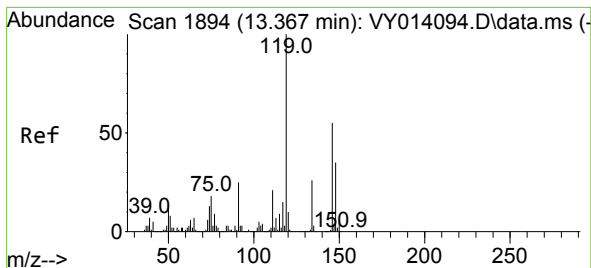
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 21.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 56.609 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

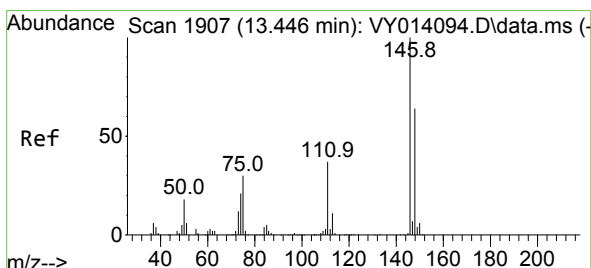
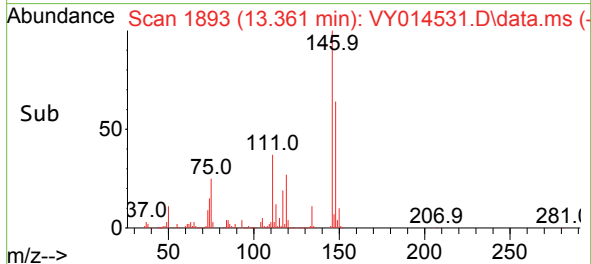
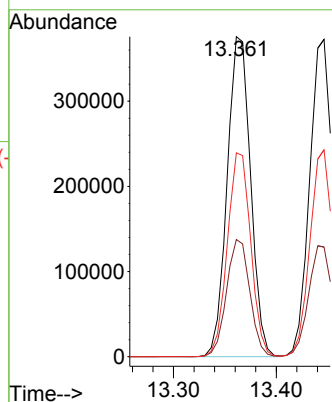
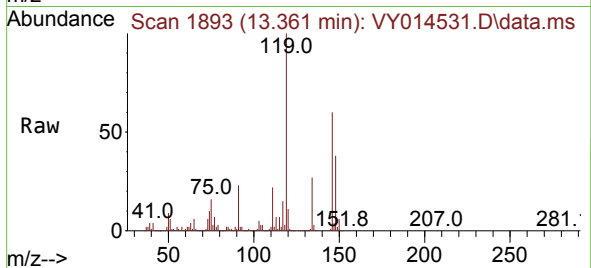
Tgt Ion:146 Resp: 594590

Ion Ratio Lower Upper

146 100

111 36.4 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 55.508 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

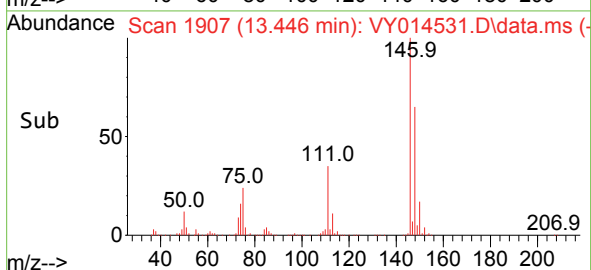
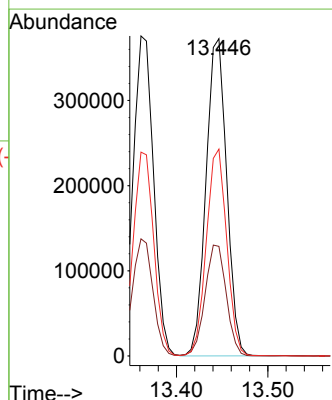
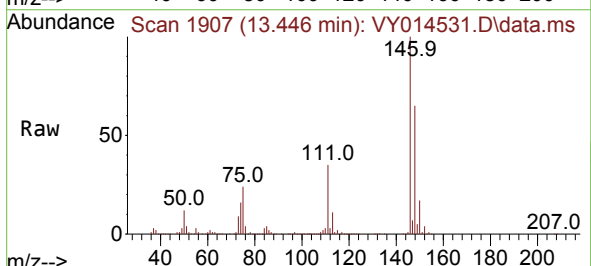
Tgt Ion:146 Resp: 584294

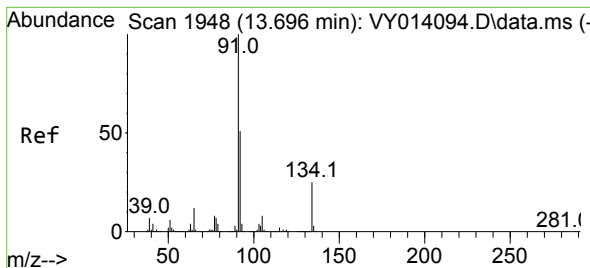
Ion Ratio Lower Upper

146 100

111 35.8 18.9 56.7

148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 59.328 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014531.D

Acq: 03 Jul 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

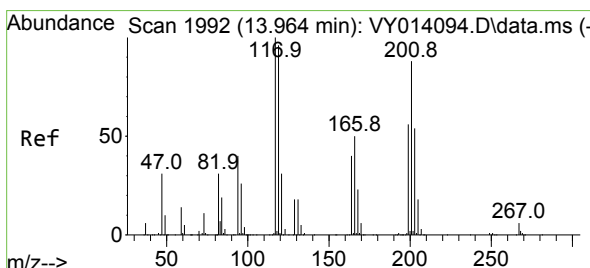
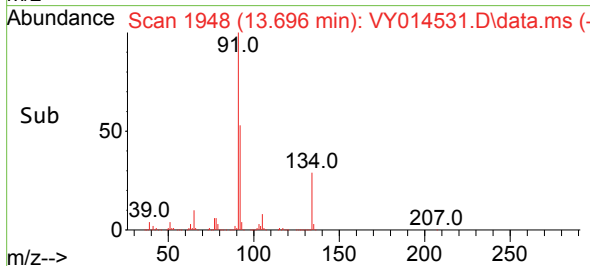
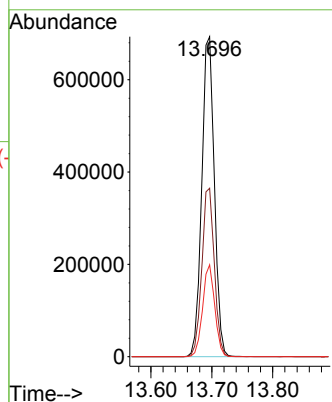
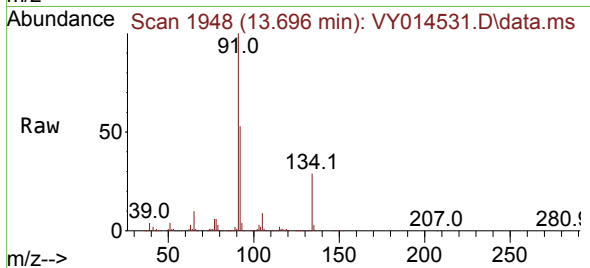
Tgt Ion: 91 Resp: 996351

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 27.7 12.6 37.6



#90

Hexachloroethane

Concen: 56.272 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014531.D

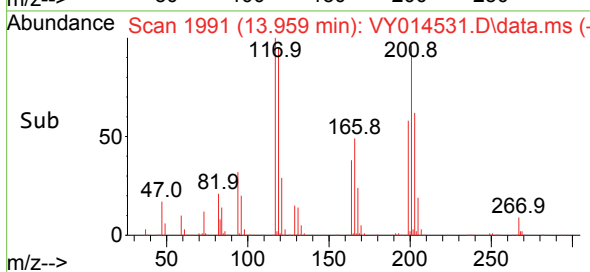
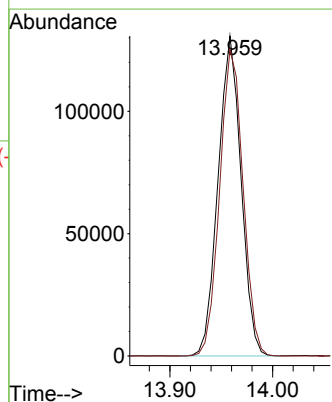
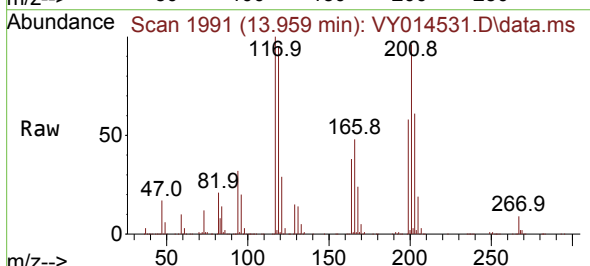
Acq: 03 Jul 2023 11:37

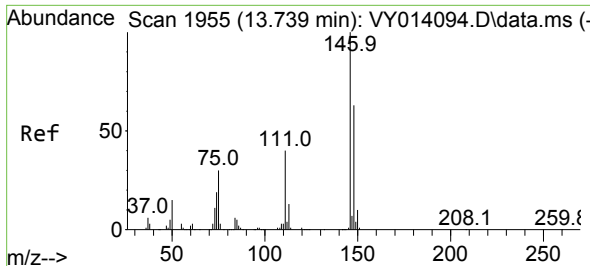
Tgt Ion: 117 Resp: 202557

Ion Ratio Lower Upper

117 100

201 97.4 41.6 124.8

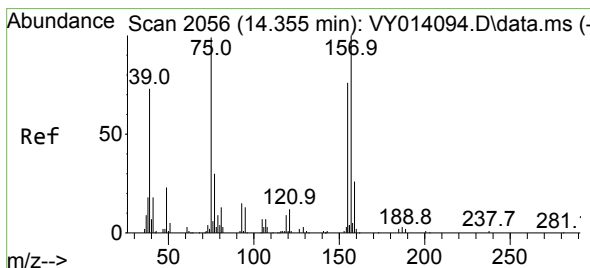
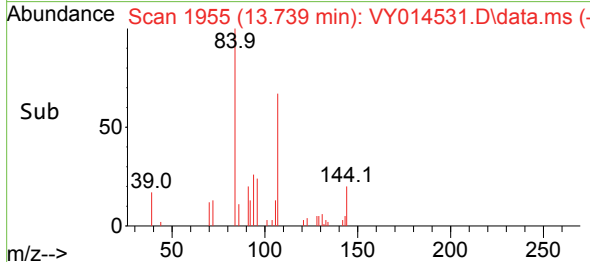
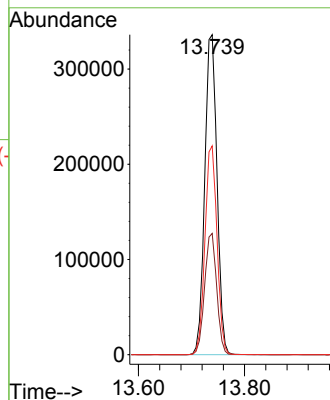
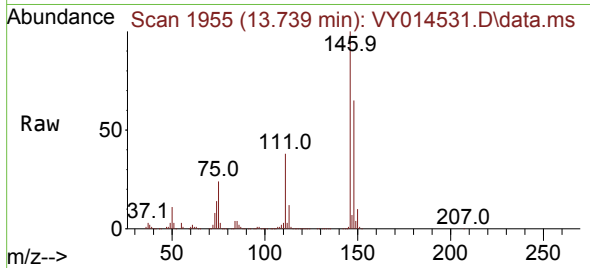




#91
1,2-Dichlorobenzene
Concen: 56.578 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

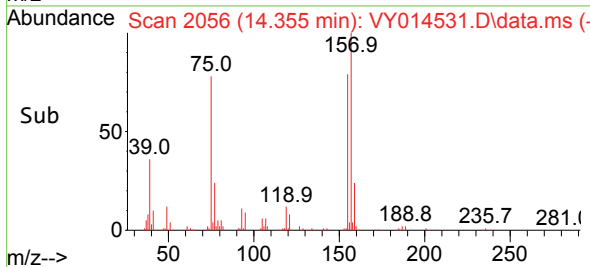
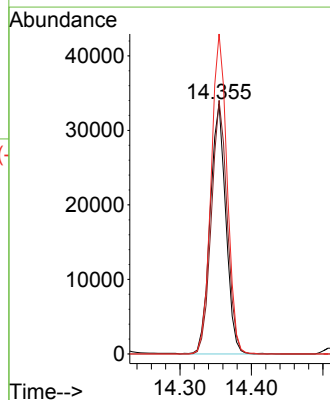
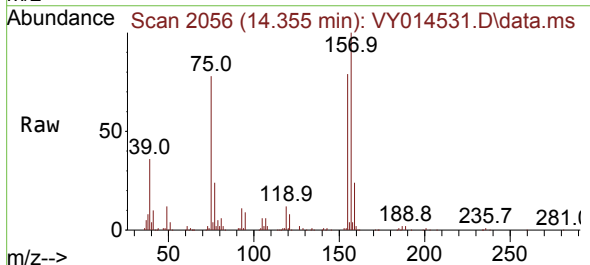
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

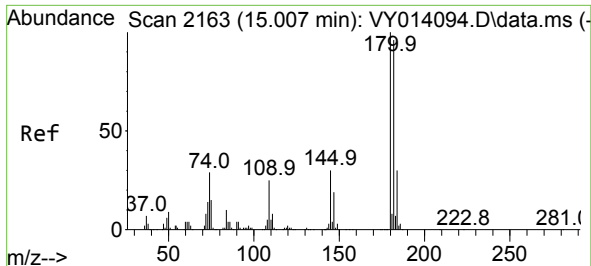
Tgt Ion:146 Resp: 538283
Ion Ratio Lower Upper
146 100
111 37.5 19.7 59.0
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.468 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion: 75 Resp: 51256
Ion Ratio Lower Upper
75 100
155 101.0 41.5 124.6
157 129.6 51.8 155.5

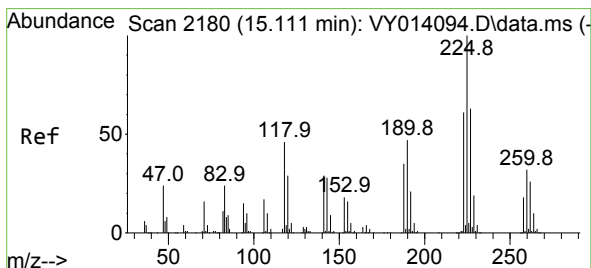
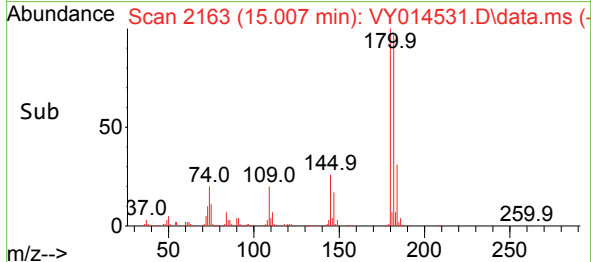
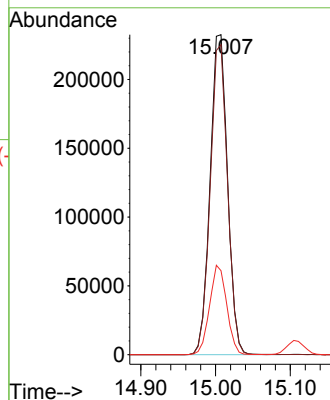
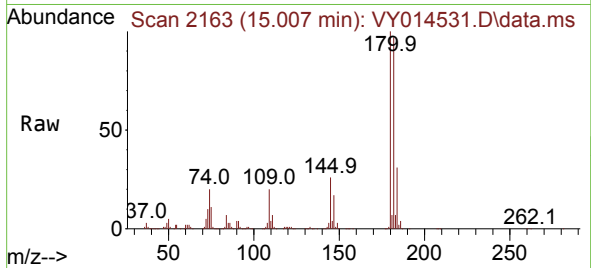




#93
1,2,4-Trichlorobenzene
Concen: 61.422 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

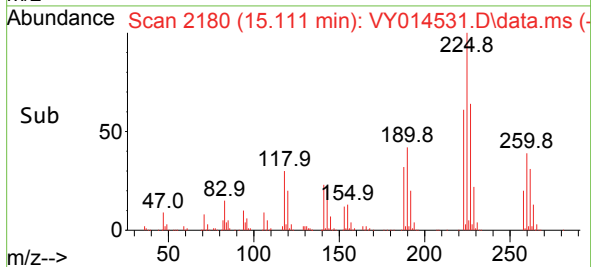
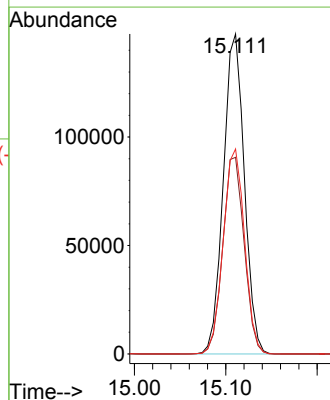
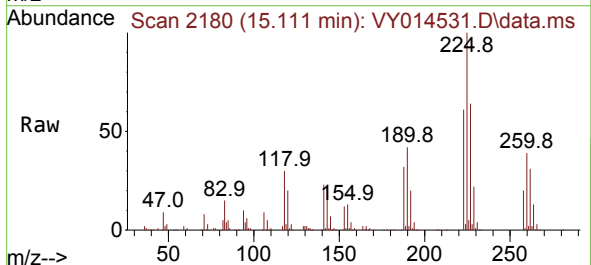
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

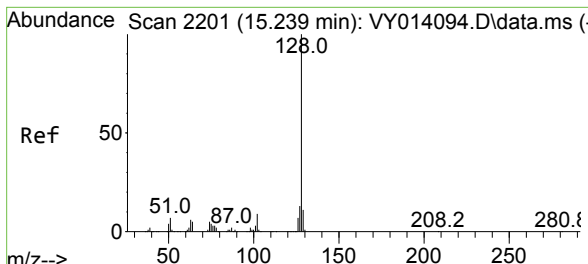
Tgt Ion:180 Resp: 377442
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.2
145 27.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 62.441 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014531.D
Acq: 03 Jul 2023 11:37

Tgt Ion:225 Resp: 235826
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.9
227 65.1 33.0 98.9

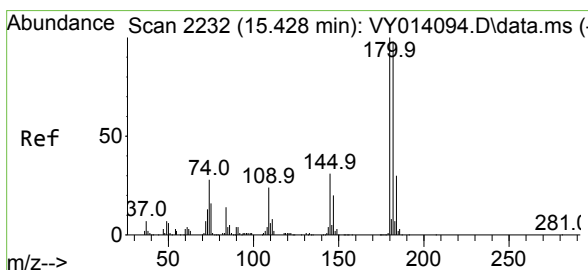
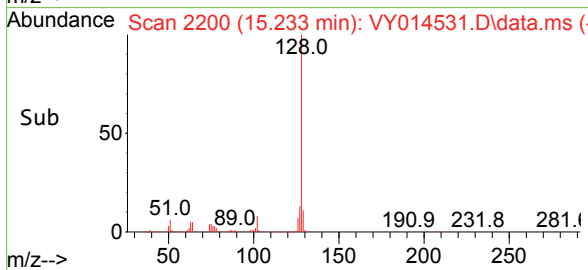
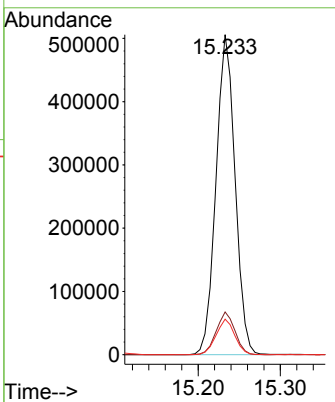
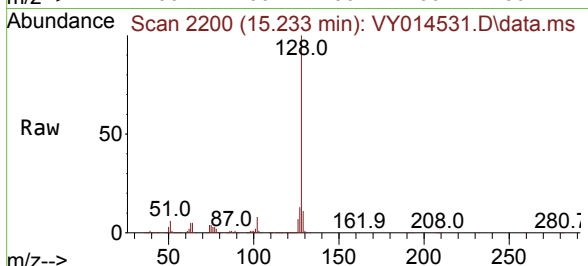




#95
 Naphthalene
 Concen: 62.432 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	128	Resp:	816235
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.8	16.2
129	10.9	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 61.742 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY014531.D
 Acq: 03 Jul 2023 11:37

Tgt Ion:	180	Resp:	345699
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	141.8
145	29.2	15.4	46.2

