

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014968.D
 Acq On : 07 Aug 2023 17:14
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 08 07:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	303402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	492767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	445498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	385101	104.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 209.440%#	
35) Dibromofluoromethane	7.710	113	339831	107.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 215.680%#	
50) Toluene-d8	10.179	98	1259288	104.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 209.980%#	
62) 4-Bromofluorobenzene	12.477	95	446255	104.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 209.960%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	160449	101.982	ug/l	97
3) Chloromethane	2.107	50	212270	88.900	ug/l	100
4) Vinyl Chloride	2.247	62	267012	90.752	ug/l	97
5) Bromomethane	2.619	94	180845	100.290	ug/l	99
6) Chloroethane	2.777	64	191717	94.375	ug/l	96
7) Trichlorofluoromethane	3.113	101	443387	95.363	ug/l	99
8) Diethyl Ether	3.521	74	170910	99.617	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	266321	96.761	ug/l	95
10) Methyl Iodide	4.076	142	304010	106.833	ug/l	98
11) Tert butyl alcohol	4.960	59	337799	380.622	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	232208	96.828	ug/l	92
13) Acrolein	3.722	56	179295	593.860	ug/l	100
14) Allyl chloride	4.466	41	398480	99.781	ug/l	97
15) Acrylonitrile	5.155	53	545646	520.576	ug/l	99
16) Acetone	3.942	43	580964	506.639	ug/l	94
17) Carbon Disulfide	4.186	76	494236	93.213	ug/l	98
18) Methyl Acetate	4.466	43	436011	104.410	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	919308	101.323	ug/l	99
20) Methylene Chloride	4.704	84	357610	101.608	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	264489	96.757	ug/l	98
22) Diisopropyl ether	6.112	45	931743	100.165	ug/l	93
23) Vinyl Acetate	6.051	43	2909881	520.387	ug/l	95
24) 1,1-Dichloroethane	6.009	63	522528	99.034	ug/l	97
25) 2-Butanone	6.978	43	838020	510.235	ug/l	97
26) 2,2-Dichloropropane	6.972	77	497574	93.200	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	341517	98.724	ug/l	95
28) Bromochloromethane	7.325	49	223949	94.155	ug/l	92
29) Tetrahydrofuran	7.344	42	503204	522.457	ug/l	92
30) Chloroform	7.502	83	567383	98.993	ug/l	95
31) Cyclohexane	7.783	56	379526	103.529	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	505864	100.149	ug/l	99
36) 1,1-Dichloropropene	7.911	75	384982	98.405	ug/l	99
37) Ethyl Acetate	7.069	43	323623	104.214	ug/l #	96
38) Carbon Tetrachloride	7.899	117	442974	100.720	ug/l	99
39) Methylcyclohexane	9.179	83	453862	97.554	ug/l	95
40) Benzene	8.155	78	1132440	98.303	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	464813	308.003	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	403199	100.549	ug/l	96
43) Isopropyl Acetate	8.270	43	604494	104.774	ug/l	97
44) Trichloroethene	8.935	130	323460	97.855	ug/l	100
45) 1,2-Dichloropropane	9.215	63	308266	100.688	ug/l	97
46) Dibromomethane	9.301	93	198734	100.763	ug/l	97
47) Bromodichloromethane	9.496	83	463783	102.115	ug/l	97
48) Methyl methacrylate	9.289	41	269438	106.439	ug/l	94
49) 1,4-Dioxane	9.295	88	77381	2109.319	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	1735161	533.678	ug/l	94
52) Toluene	10.240	92	731304	98.648	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	495789	104.824	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	524284	102.599	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	290845	101.463	ug/l	96
56) Ethyl methacrylate	10.508	69	438830	106.913	ug/l	92
57) 1,3-Dichloropropane	10.788	76	479537	101.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	1018506	524.795	ug/l	93
59) 2-Hexanone	10.831	43	1296880	539.960	ug/l	92
60) Dibromochloromethane	10.983	129	353950	103.702	ug/l	100
61) 1,2-Dibromoethane	11.087	107	279846	102.279	ug/l	99
64) Tetrachloroethene	10.715	164	321664	95.987	ug/l	97
65) Chlorobenzene	11.514	112	834142	98.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	335925	101.413	ug/l	98
67) Ethyl Benzene	11.587	91	1478571	99.665	ug/l	99
68) m/p-Xylenes	11.697	106	1130615	199.218	ug/l	96
69) o-Xylene	12.026	106	554801	99.905	ug/l	99
70) Styrene	12.044	104	963921	101.567	ug/l	98
71) Bromoform	12.203	173	242965	106.415	ug/l #	99
73) Isopropylbenzene	12.325	105	1482468	98.809	ug/l	100
74) N-amyl acetate	12.142	43	543675	106.060	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	383015	104.463	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	498898	186.547	ug/l #	100
77) Bromobenzene	12.605	156	358435	98.491	ug/l	96
78) n-propylbenzene	12.666	91	1758213	97.979	ug/l	99
79) 2-Chlorotoluene	12.751	91	1008428	98.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1228568	99.368	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	133081	109.626	ug/l	96
82) 4-Chlorotoluene	12.849	91	1043383	98.688	ug/l	100
83) tert-Butylbenzene	13.074	119	1125966	99.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1235312	99.724	ug/l	99
85) sec-Butylbenzene	13.251	105	1636344	98.575	ug/l	100
86) p-Isopropyltoluene	13.367	119	1369283	99.652	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	704719	98.929	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	694513	97.764	ug/l	99
89) n-Butylbenzene	13.690	91	1274322	98.705	ug/l	97
90) Hexachloroethane	13.958	117	267470	100.238	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	646032	98.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	73525	102.705	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	424766	100.968	ug/l	98
94) Hexachlorobutadiene	15.111	225	223301	97.884	ug/l	98
95) Naphthalene	15.233	128	1059262	107.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	388087	101.914	ug/l	99

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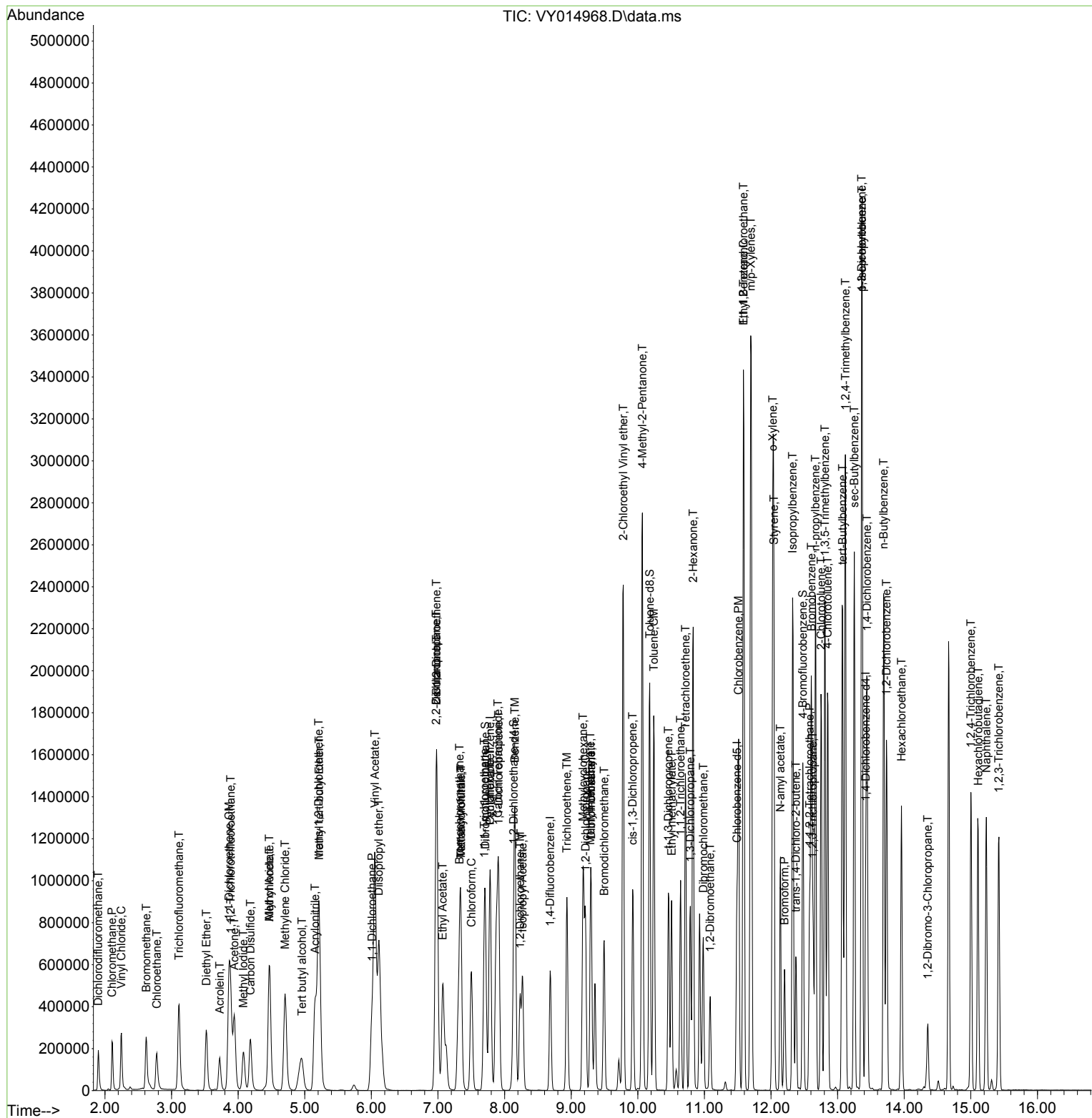
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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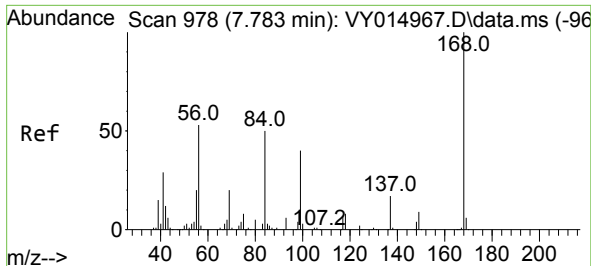
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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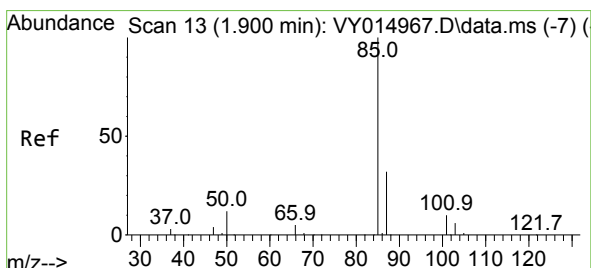
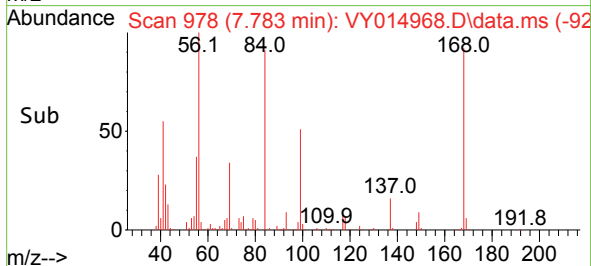
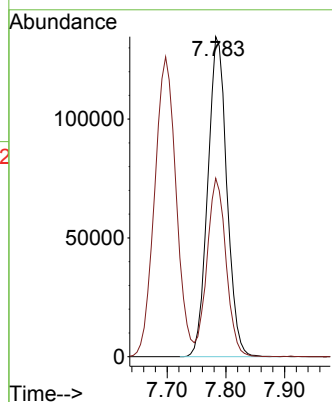
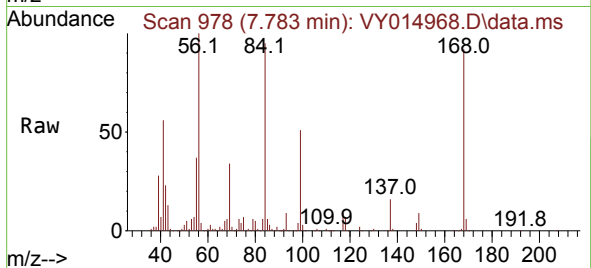




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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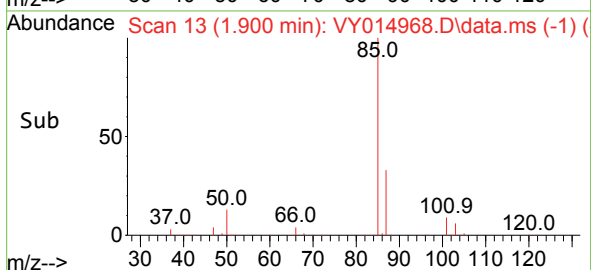
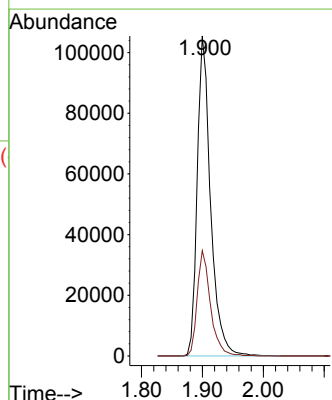
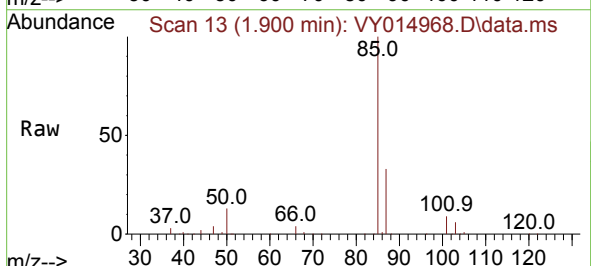
Instrument :
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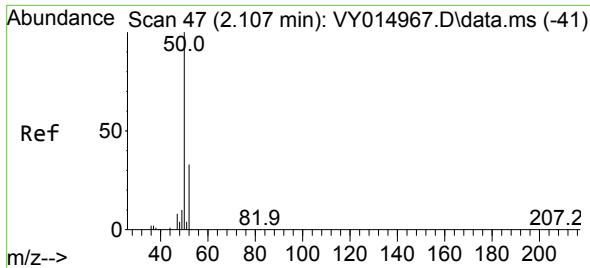
Tgt Ion:168 Resp: 303402
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 101.982 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 85 Resp: 160449
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

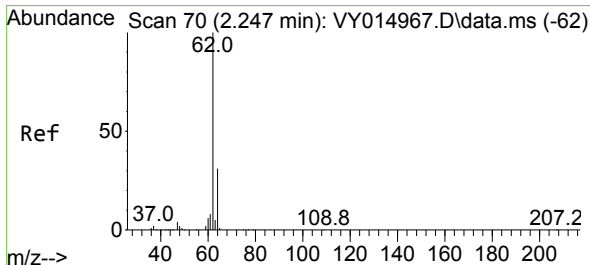
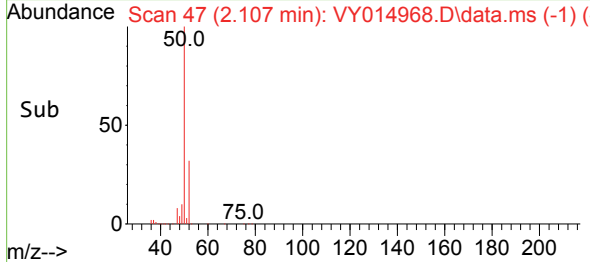
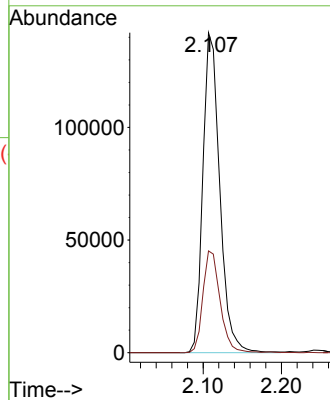
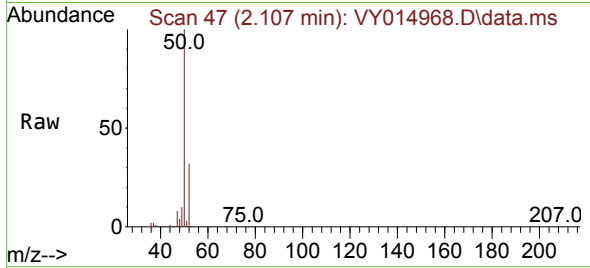




#3
Chloromethane
Concen: 88.900 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

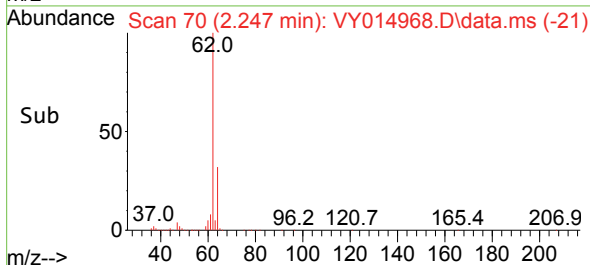
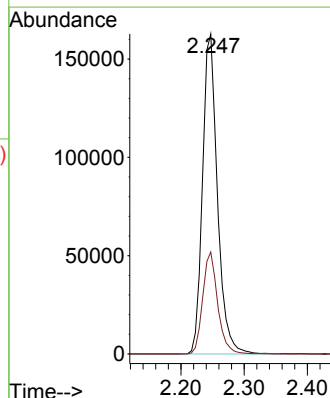
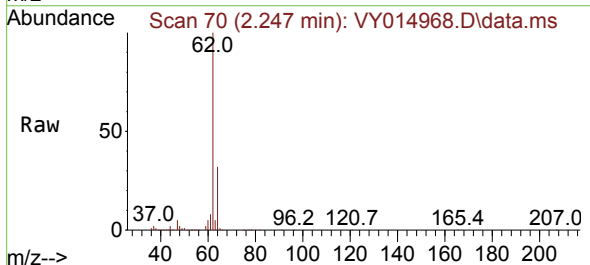
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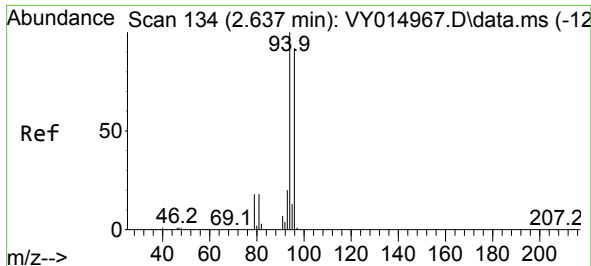
Tgt Ion: 50 Resp: 212270
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 90.752 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY014968.D
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Tgt Ion: 62 Resp: 267012
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5

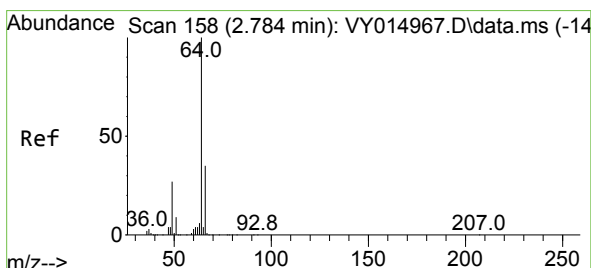
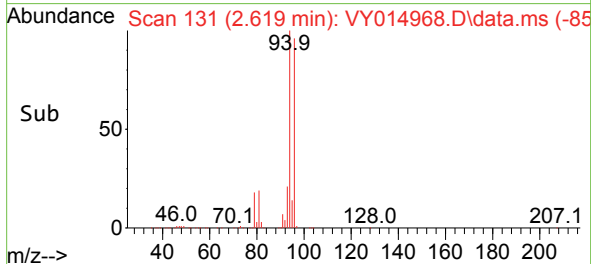
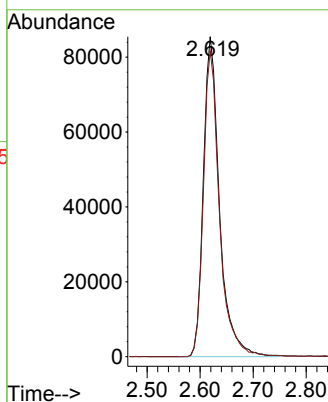
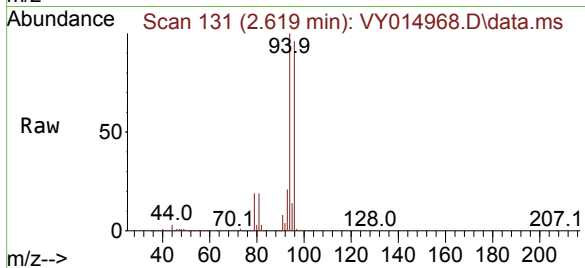




#5
Bromomethane
Concen: 100.290 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014968.D
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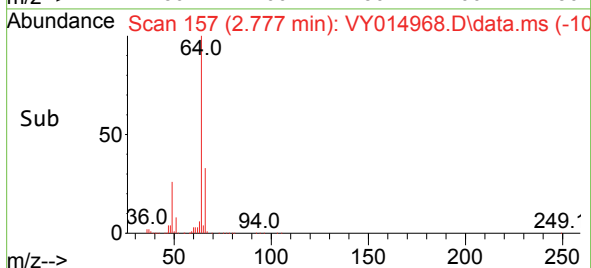
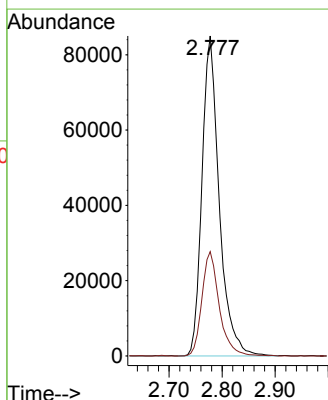
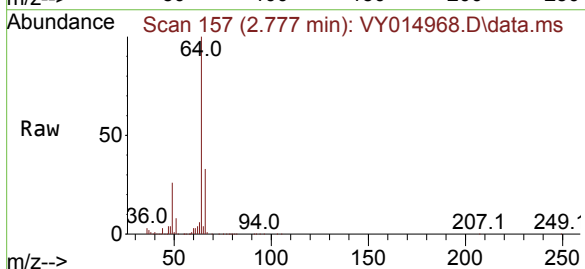
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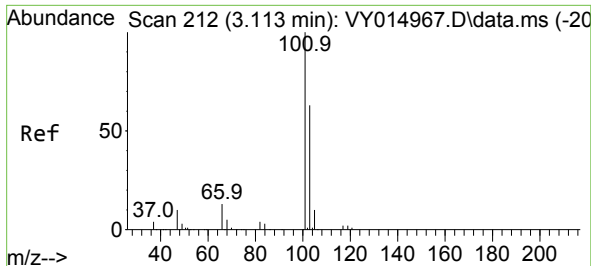
Tgt Ion: 94 Resp: 180845
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.6



#6
Chloroethane
Concen: 94.375 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 64 Resp: 191717
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

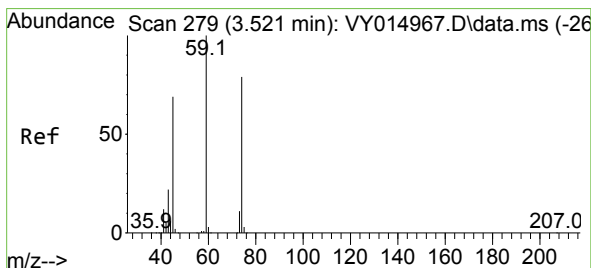
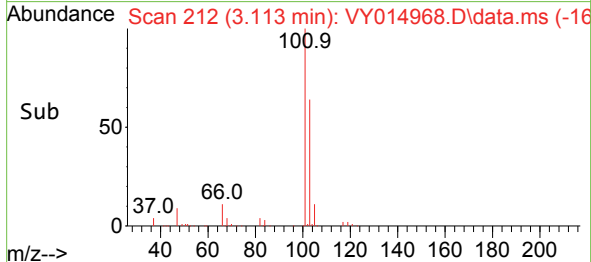
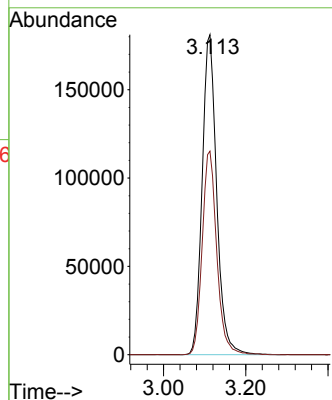
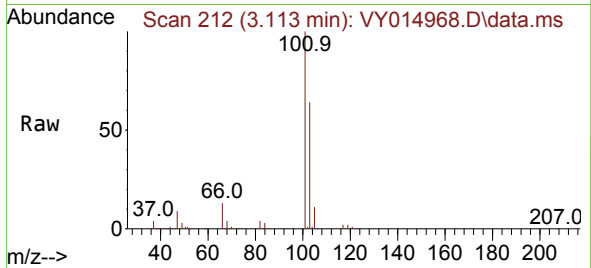




#7
 Trichlorofluoromethane
 Concen: 95.363 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014968.D
 Acq: 07 Aug 2023 17:14

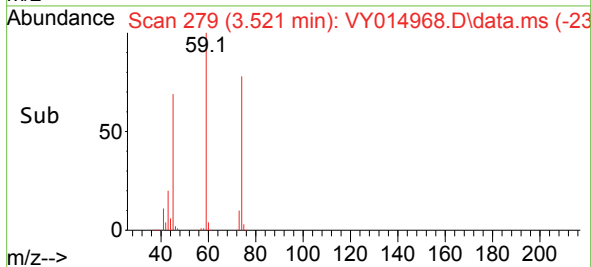
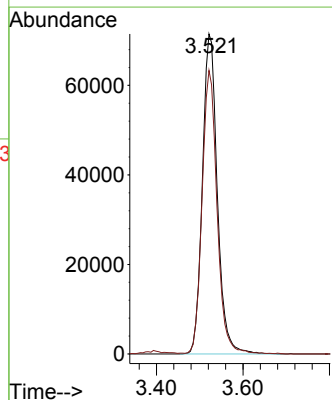
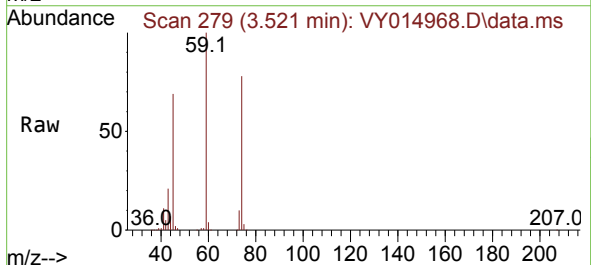
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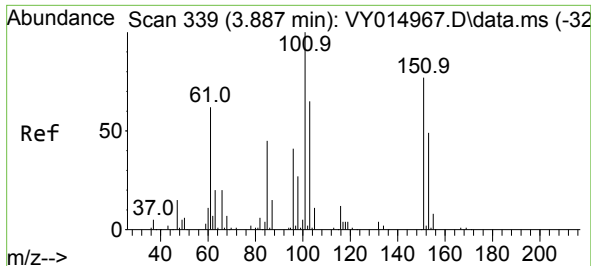
Tgt Ion:101 Resp: 443387
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 99.617 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 170910
 Ion Ratio Lower Upper
 74 100
 45 88.9 51.5 154.5

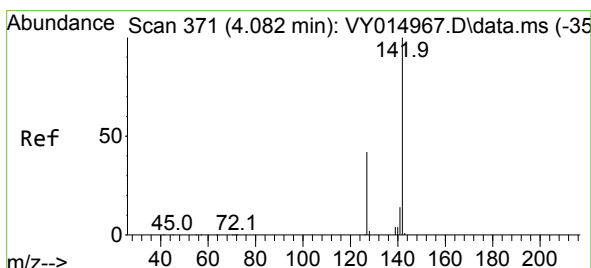
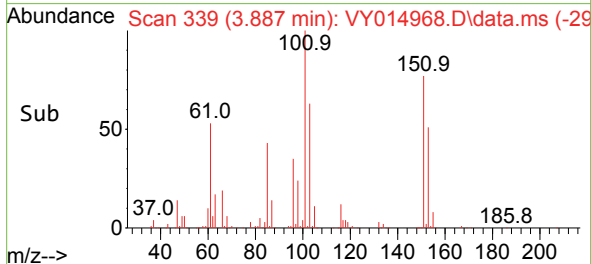
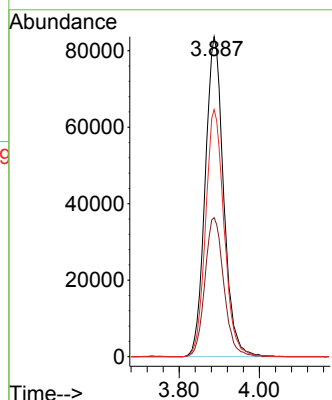
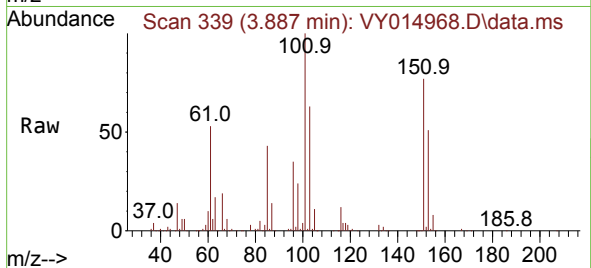




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.761 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

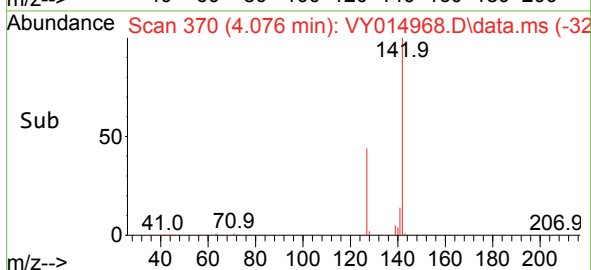
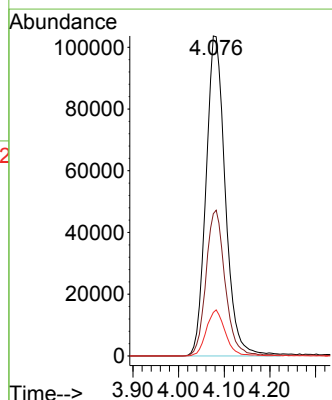
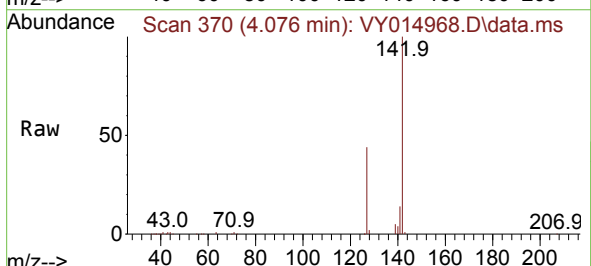
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

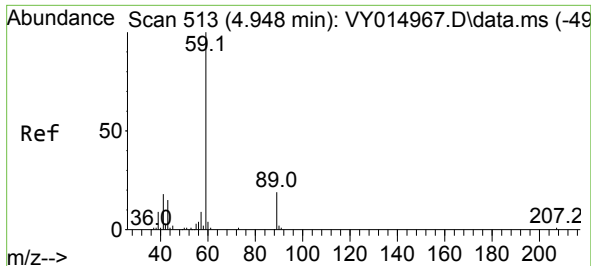
Tgt Ion:101 Resp: 266321
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 106.833 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion:142 Resp: 304010
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.1 11.8 17.8

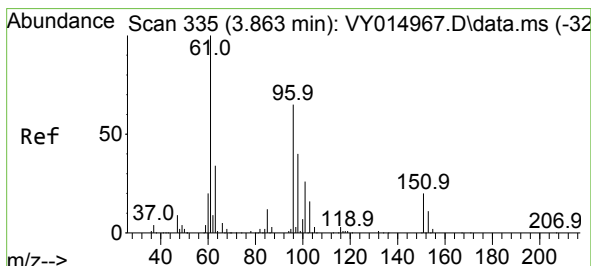
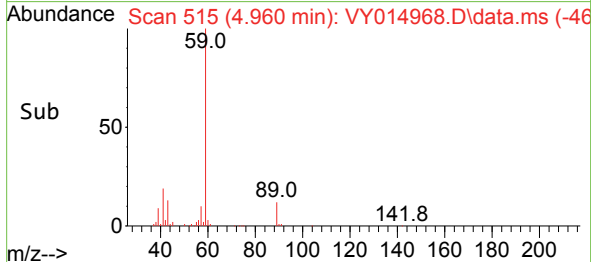
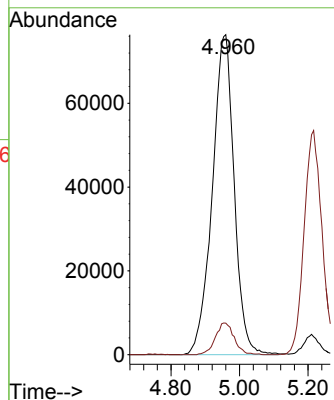
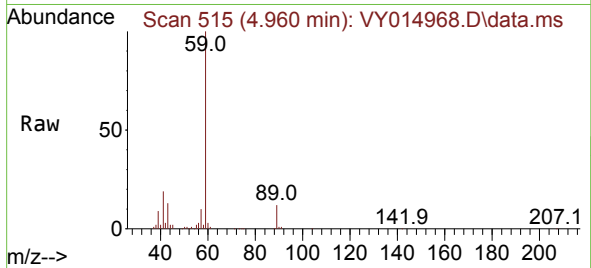




#11
Tert butyl alcohol
Concen: 380.622 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

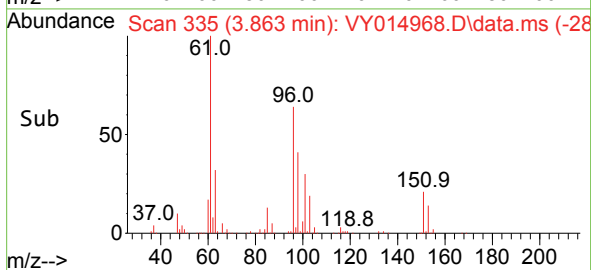
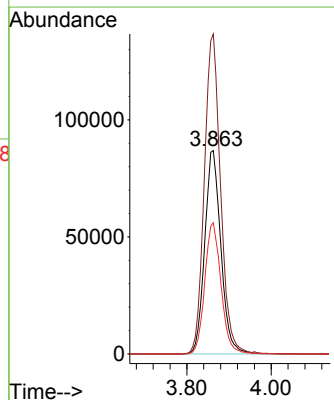
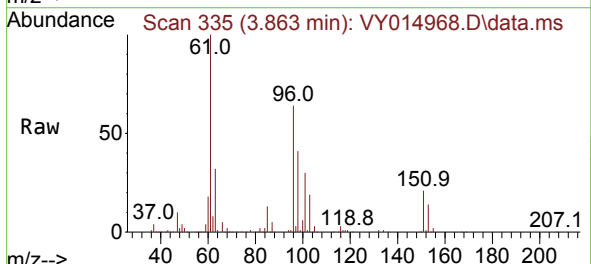
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

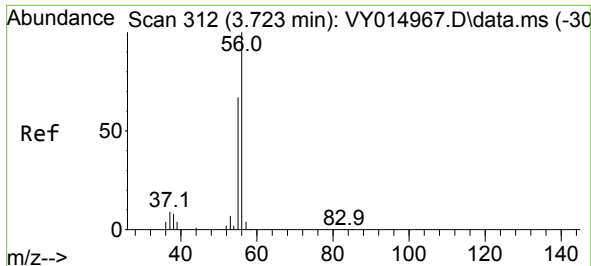
Tgt Ion: 59 Resp: 337799
Ion Ratio Lower Upper
59 100
57 8.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 96.828 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 96 Resp: 232208
Ion Ratio Lower Upper
96 100
61 157.4 136.4 204.6
98 64.5 49.4 74.2

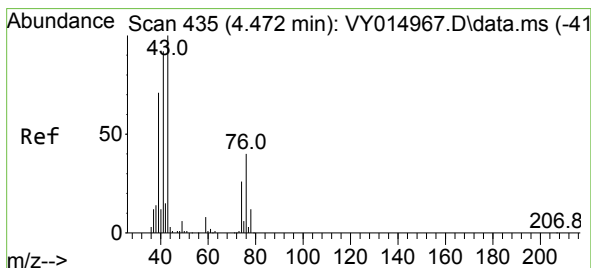
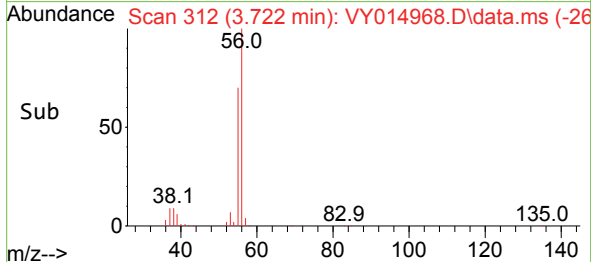
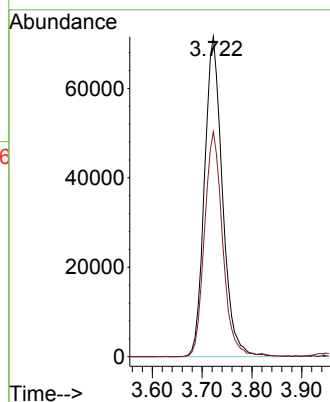
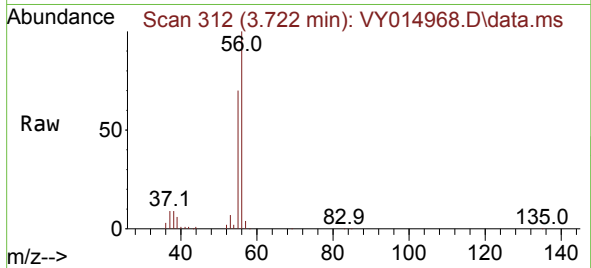




#13
Acrolein
Concen: 593.860 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

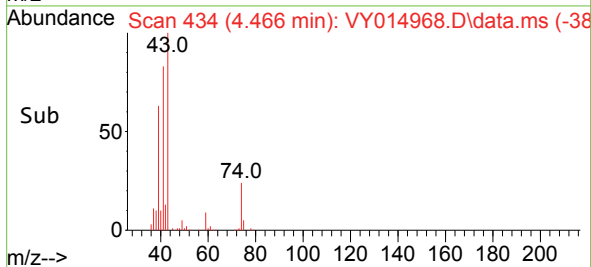
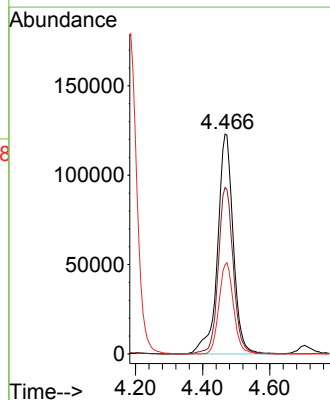
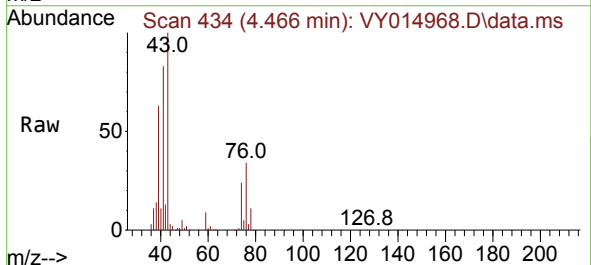
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

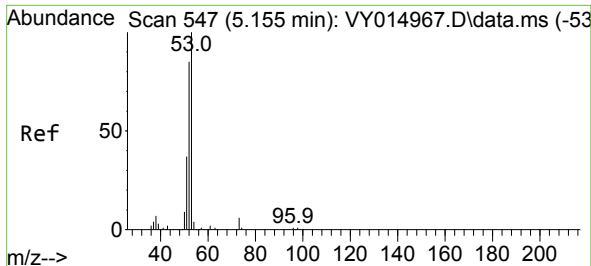
Tgt Ion: 56 Resp: 179295
Ion Ratio Lower Upper
56 100
55 71.0 57.0 85.4



#14
Allyl chloride
Concen: 99.781 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 41 Resp: 398480
Ion Ratio Lower Upper
41 100
39 72.7 58.0 87.0
76 38.6 27.4 41.2

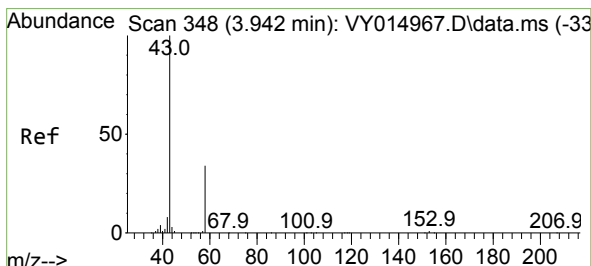
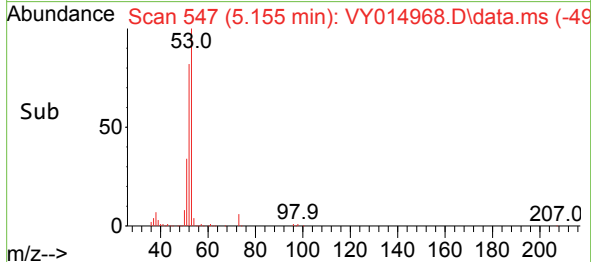
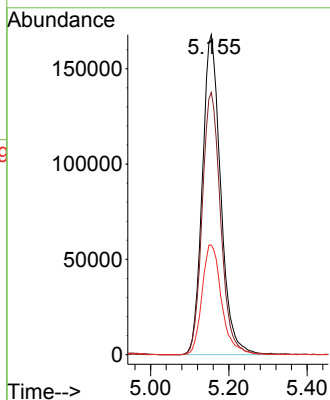
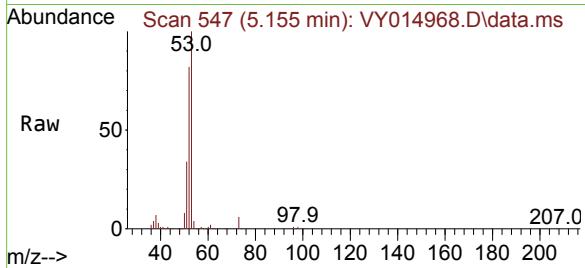




#15
Acrylonitrile
Concen: 520.576 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

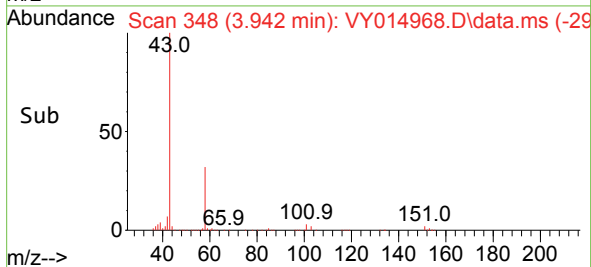
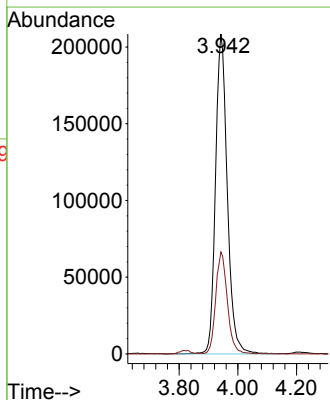
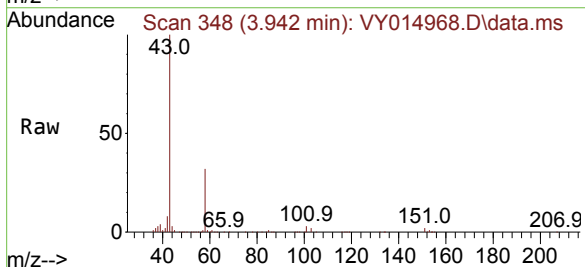
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

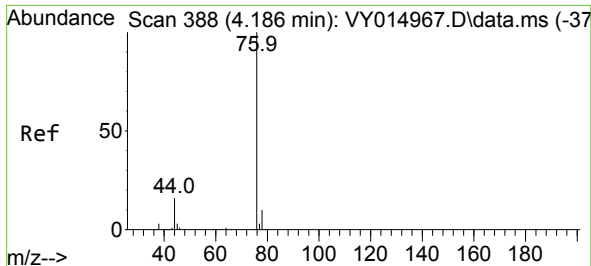
Tgt Ion: 53 Resp: 545646
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 506.639 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 43 Resp: 580964
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

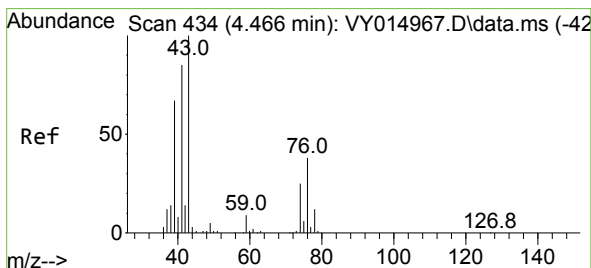
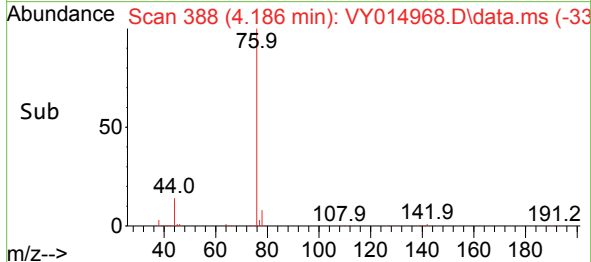
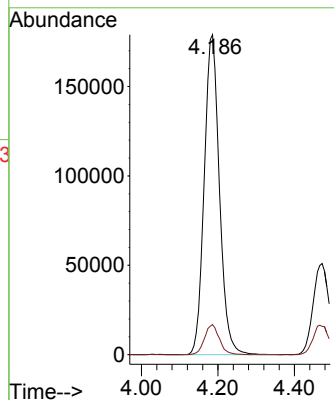
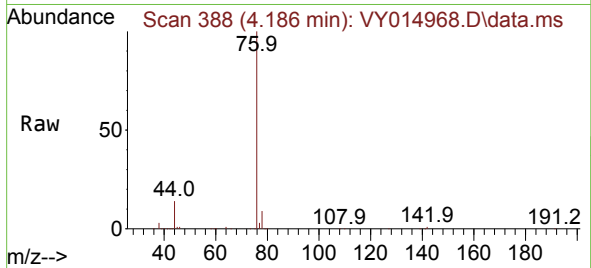




#17
Carbon Disulfide
Concen: 93.213 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

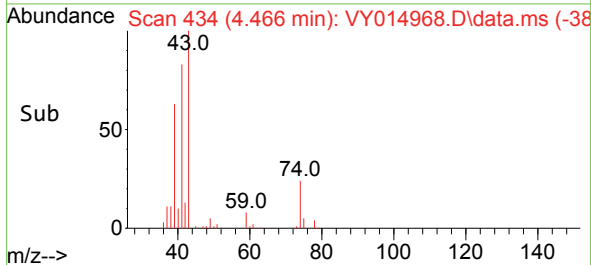
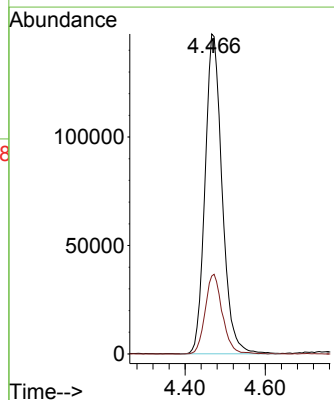
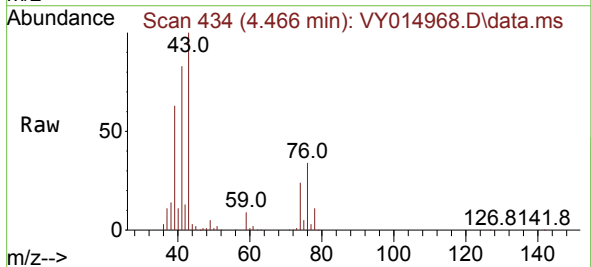
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

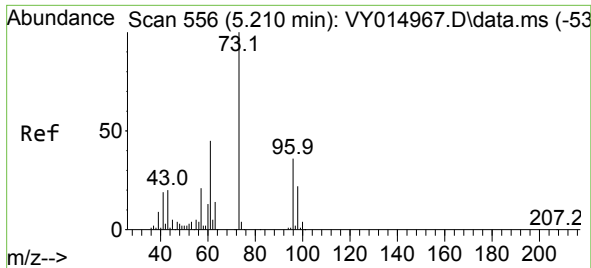
Tgt Ion: 76 Resp: 494236
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 104.410 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 43 Resp: 436011
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

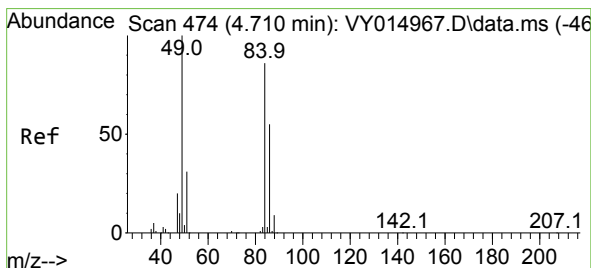
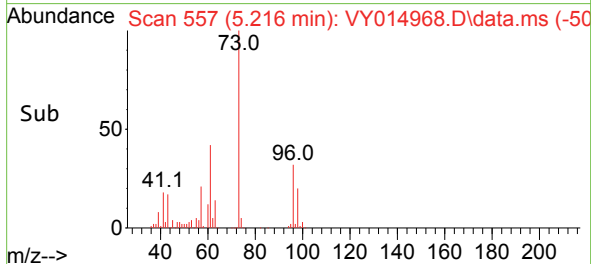
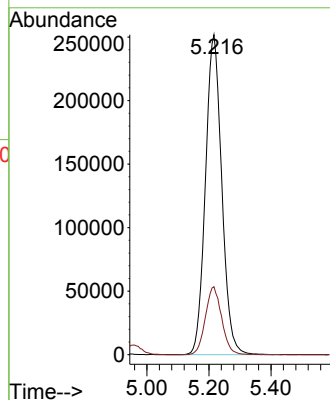
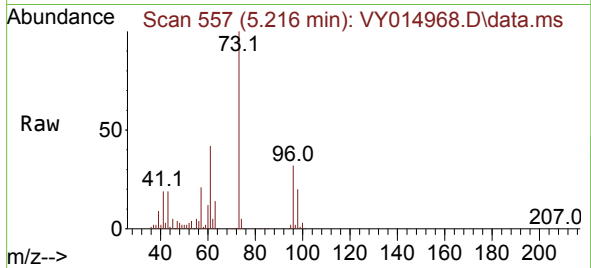




#19
Methyl tert-butyl Ether
Concen: 101.323 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

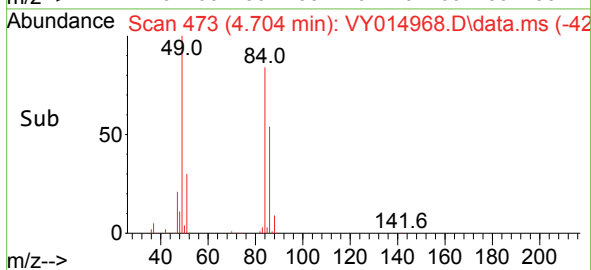
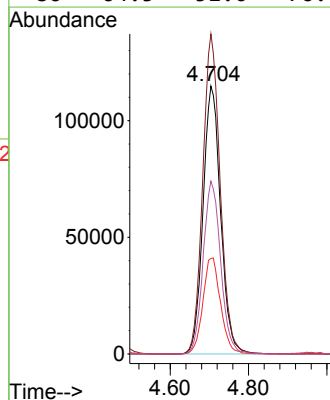
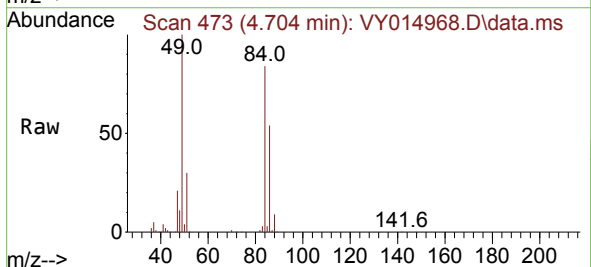
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

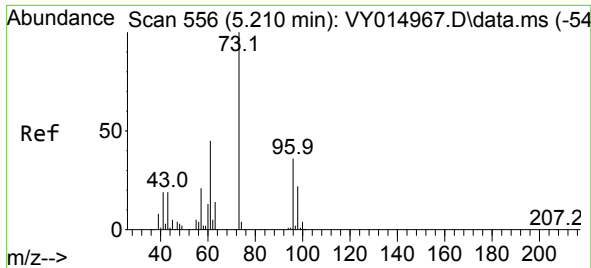
Tgt Ion: 73 Resp: 919308
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 101.608 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 84 Resp: 357610
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 35.7 33.2 49.8
86 64.5 51.0 76.6

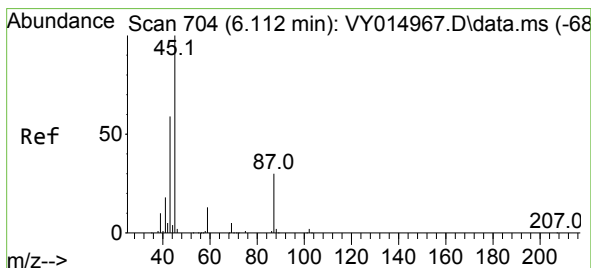
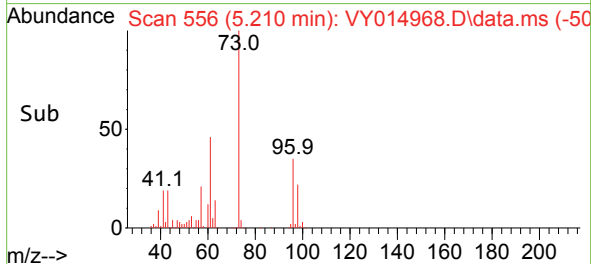
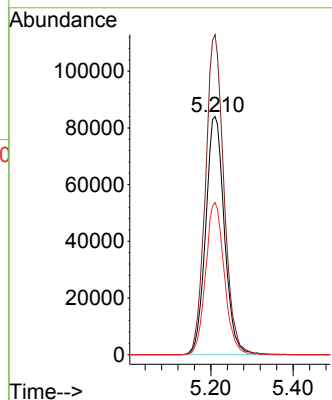
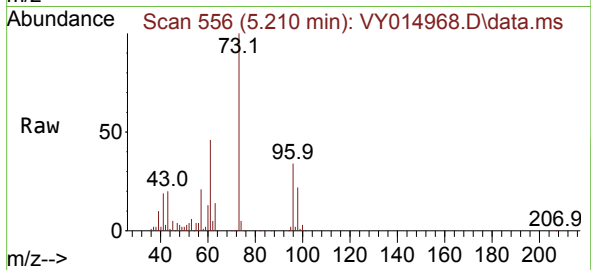




#21
trans-1,2-Dichloroethene
Concen: 96.757 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

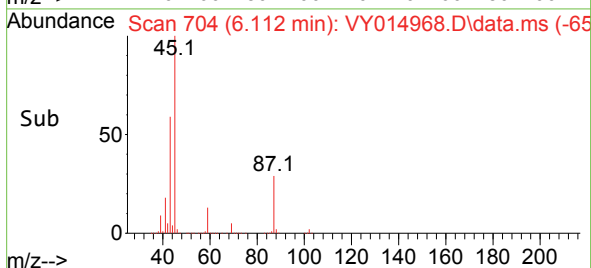
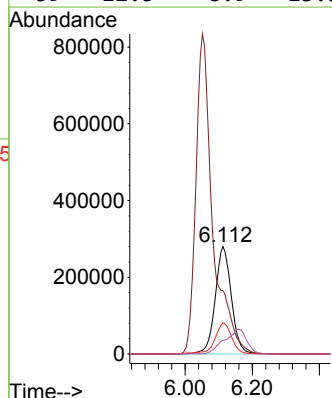
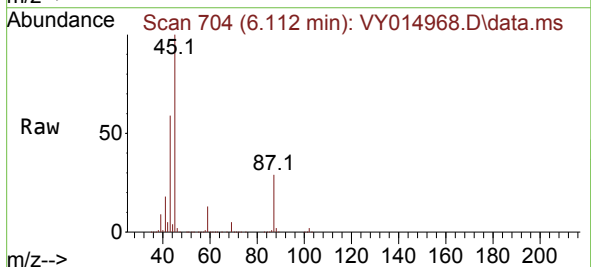
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

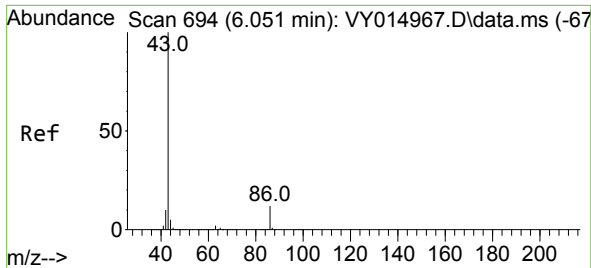
Tgt Ion: 96 Resp: 264489
Ion Ratio Lower Upper
96 100
61 134.4 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 100.165 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 45 Resp: 931743
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 29.0 21.0 31.6
59 12.5 8.9 13.3

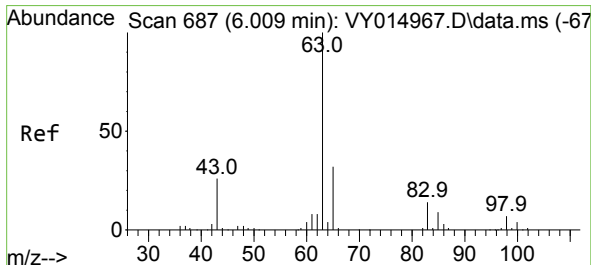
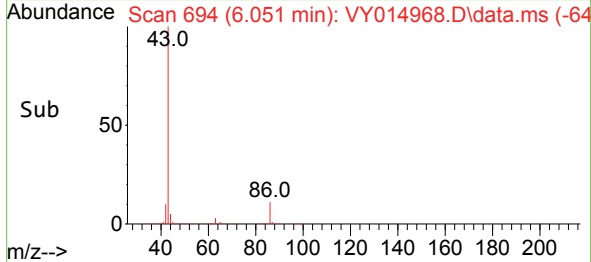
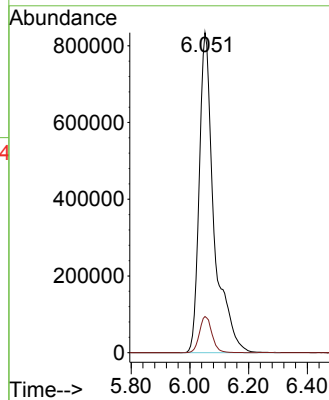
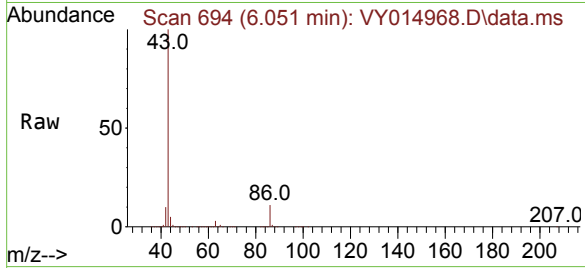




#23
 Vinyl Acetate
 Concen: 520.387 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY014968.D
 Acq: 07 Aug 2023 17:14

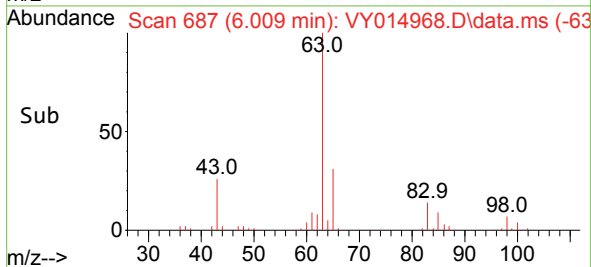
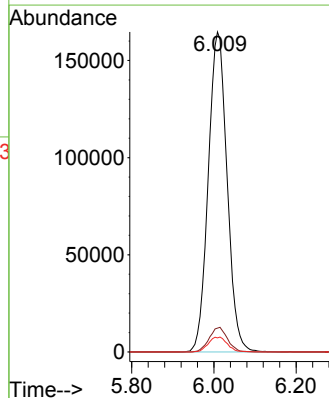
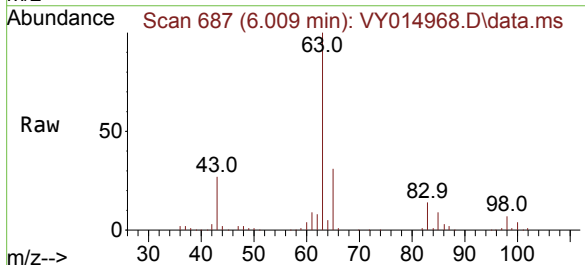
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

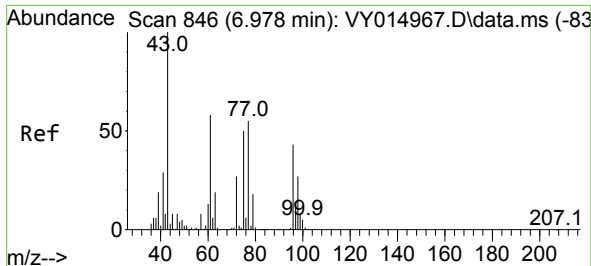
Tgt Ion: 43 Resp: 2909881
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 99.034 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014968.D
 Acq: 07 Aug 2023 17:14

Tgt Ion: 63 Resp: 522528
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 510.235 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014968.D

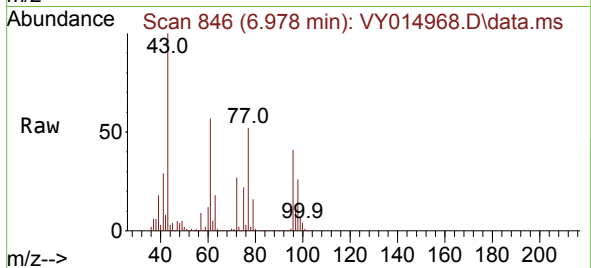
Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

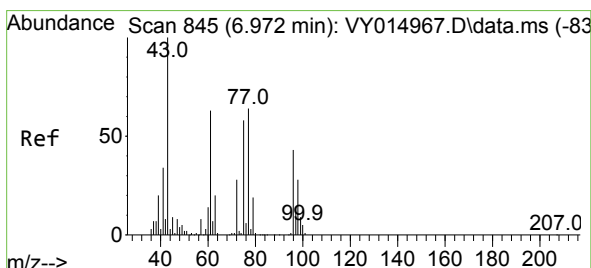
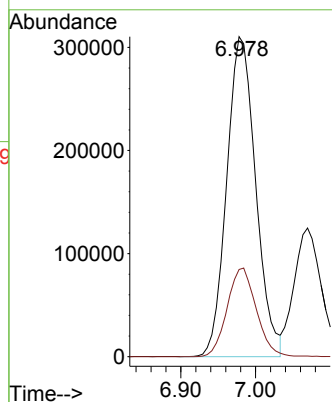
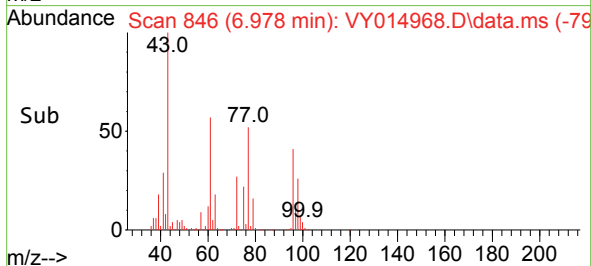


Tgt Ion: 43 Resp: 838020

Ion Ratio Lower Upper

43 100

72 27.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 93.200 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY014968.D

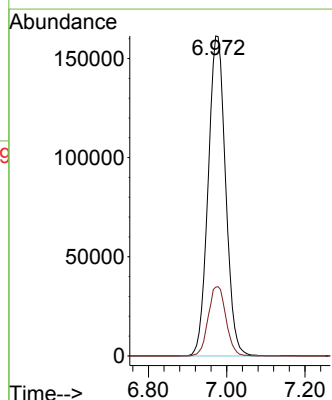
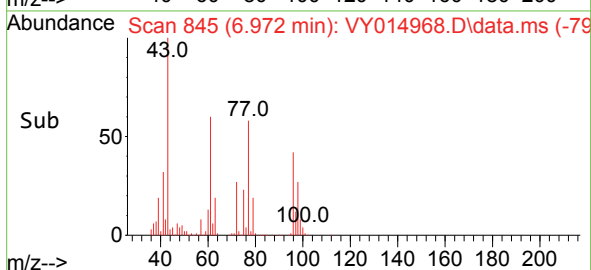
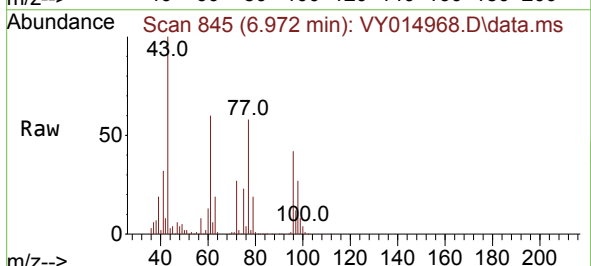
Acq: 07 Aug 2023 17:14

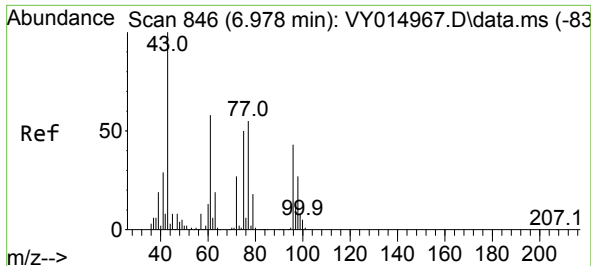
Tgt Ion: 77 Resp: 497574

Ion Ratio Lower Upper

77 100

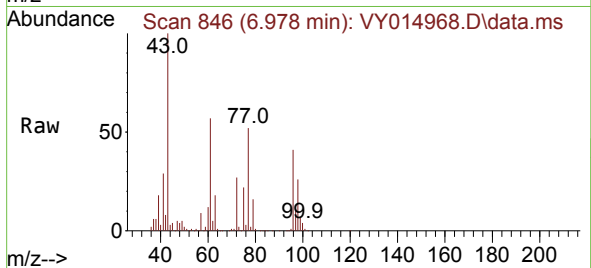
97 22.0 10.9 32.9



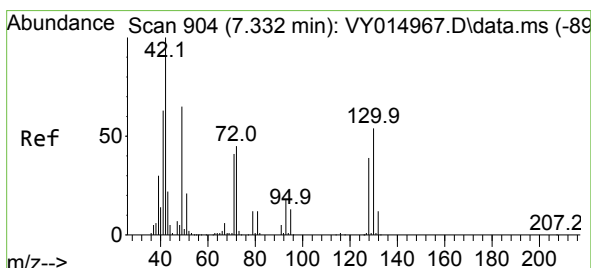
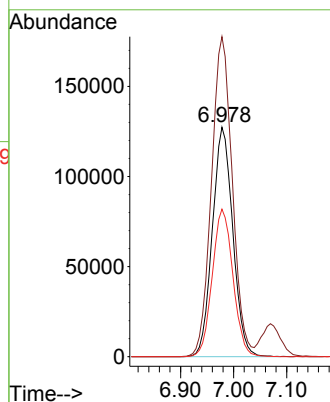
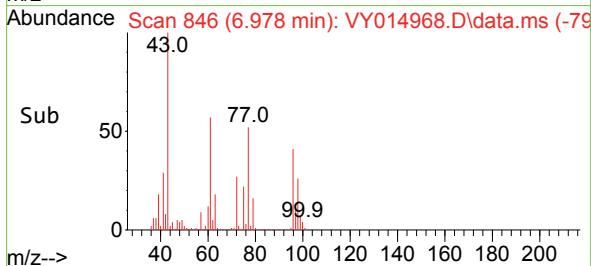


#27
cis-1,2-Dichloroethene
Concen: 98.724 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

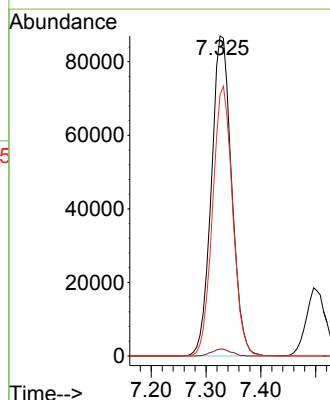
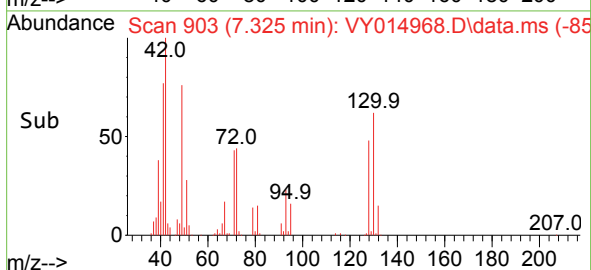
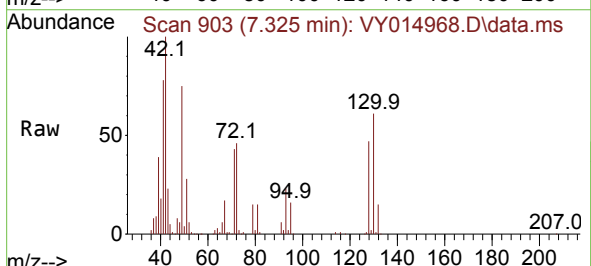


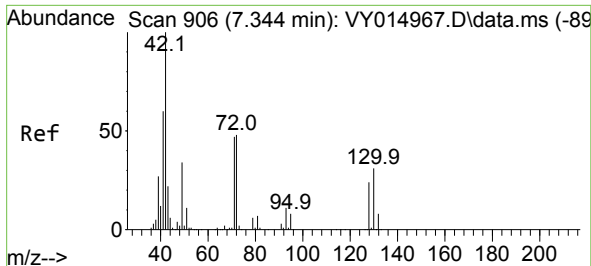
Tgt Ion: 96 Resp: 341517
Ion Ratio Lower Upper
96 100
61 142.3 0.0 301.4
98 65.0 0.0 130.4



#28
Bromochloromethane
Concen: 94.155 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 49 Resp: 223949
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 83.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 522.457 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

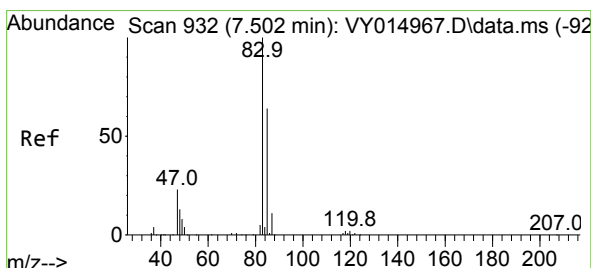
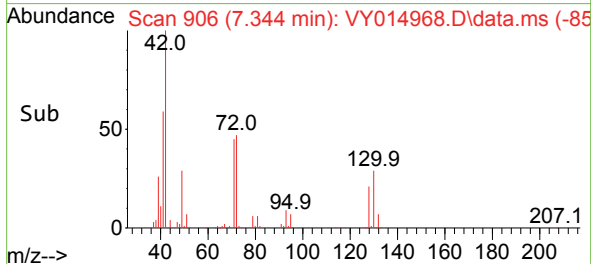
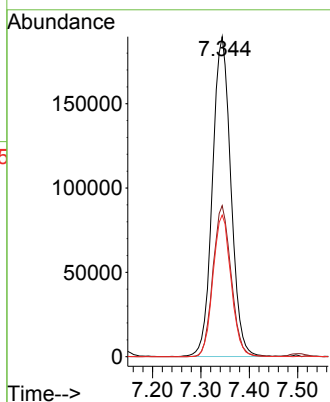
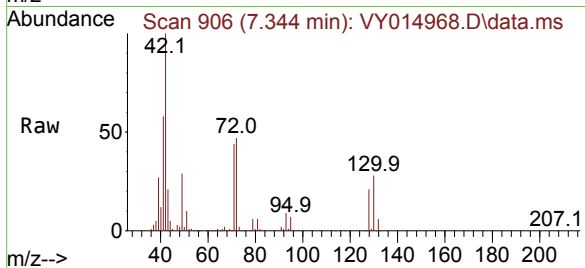
Tgt Ion: 42 Resp: 503204

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 43.6 31.0 46.4



#30

Chloroform

Concen: 98.993 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY014968.D

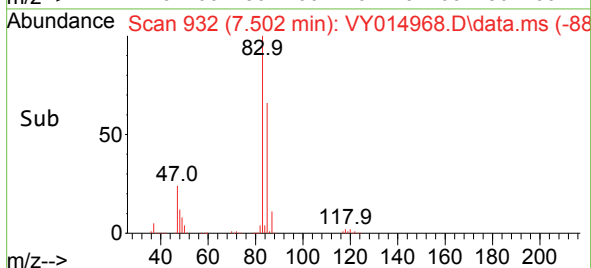
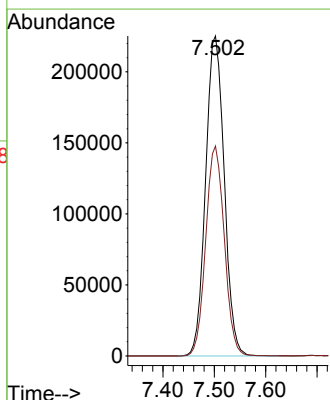
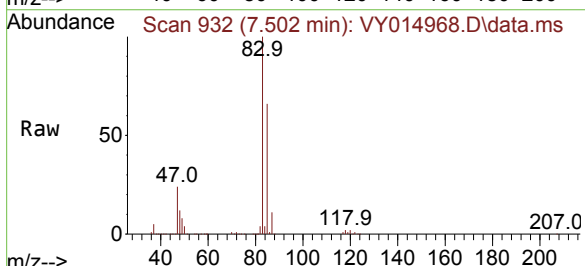
Acq: 07 Aug 2023 17:14

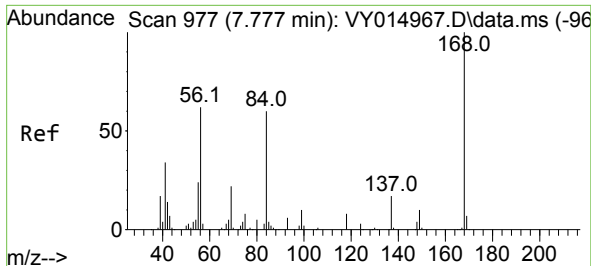
Tgt Ion: 83 Resp: 567383

Ion Ratio Lower Upper

83 100

85 65.6 49.7 74.5

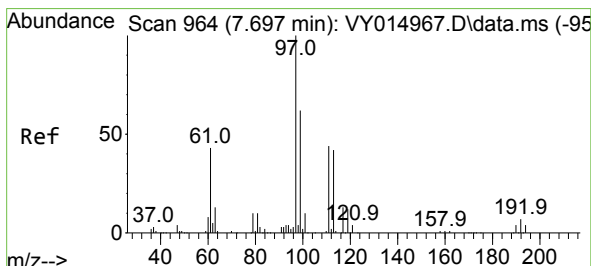
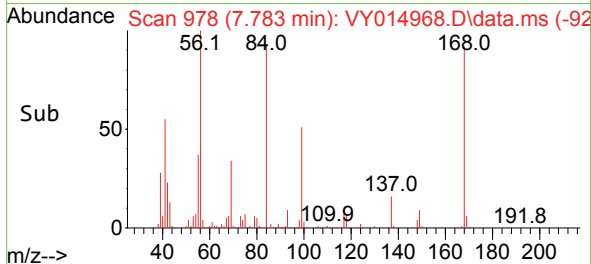
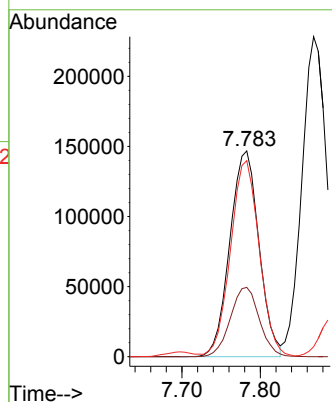
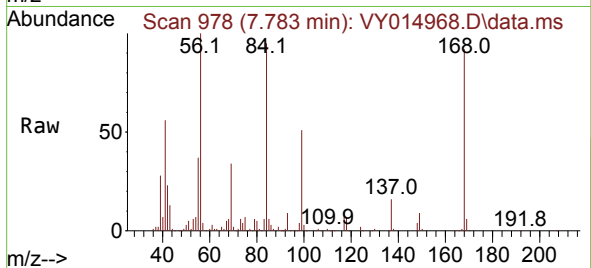




#31
Cyclohexane
Concen: 103.529 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

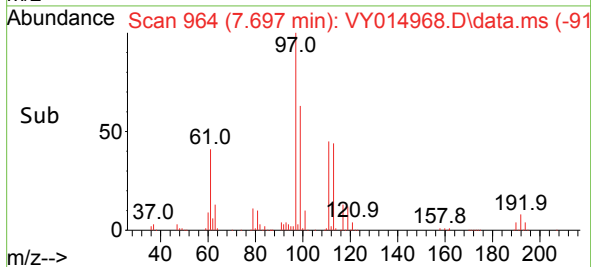
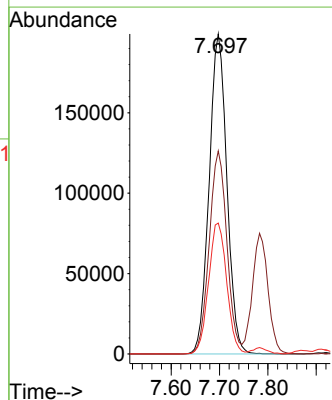
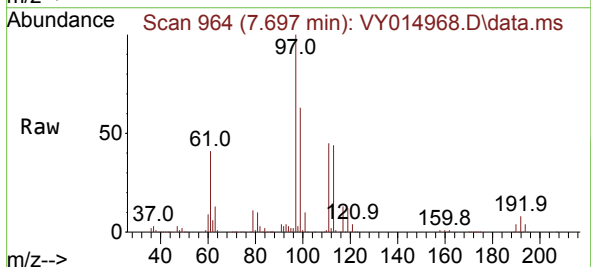
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

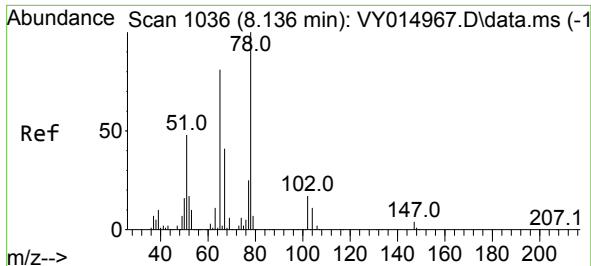
Tgt Ion: 56 Resp: 379526
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.6
84 92.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 100.149 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 97 Resp: 505864
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 104.723 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

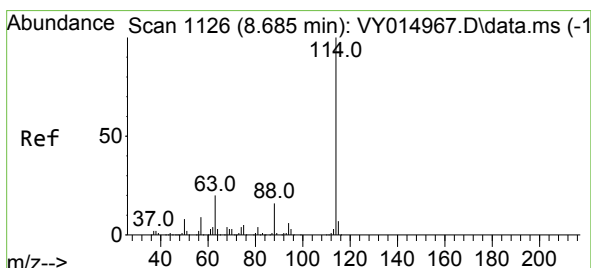
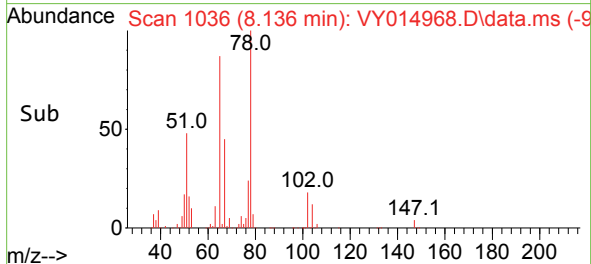
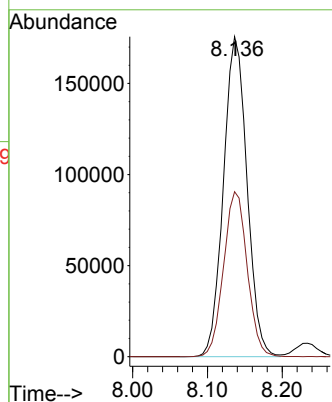
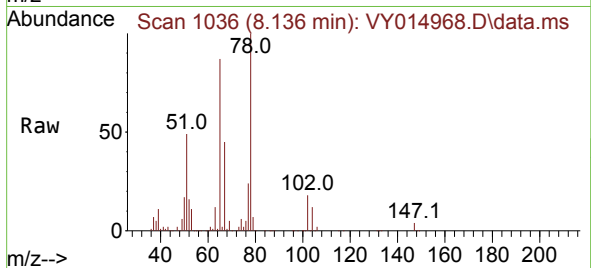
VSTDIC100

Tgt Ion: 65 Resp: 385101

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

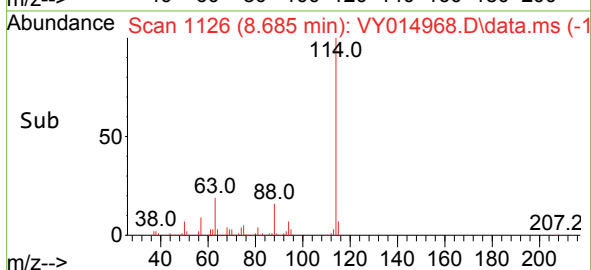
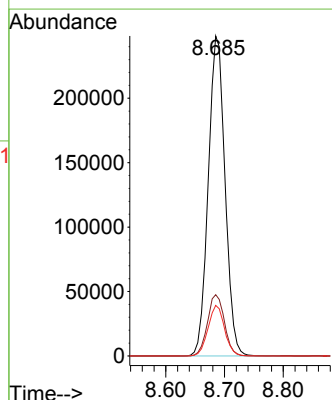
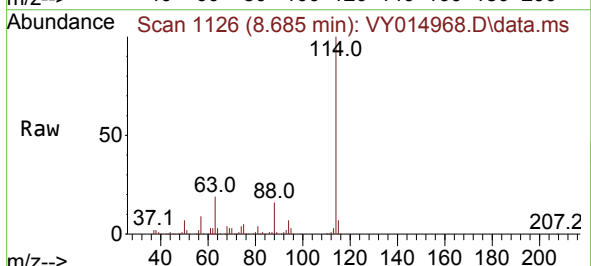
Tgt Ion: 114 Resp: 492767

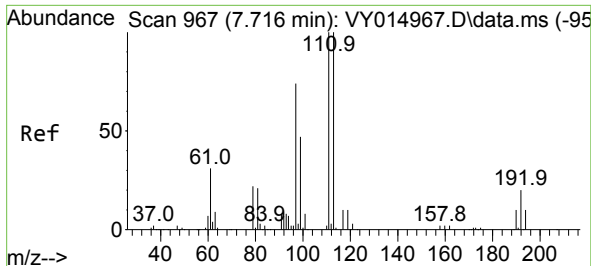
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.8 0.0 30.6

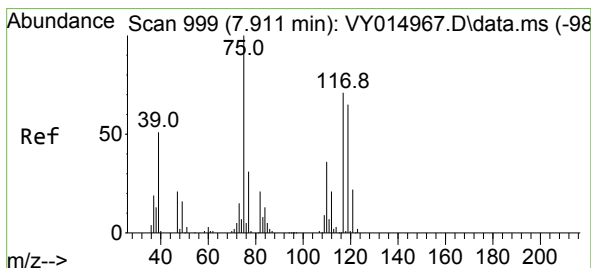
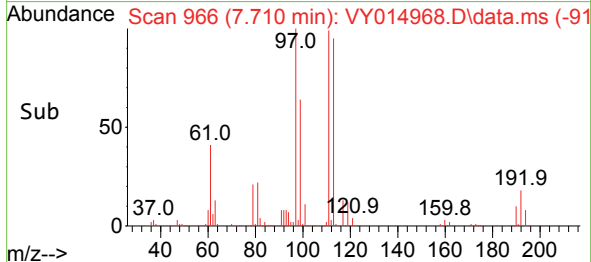
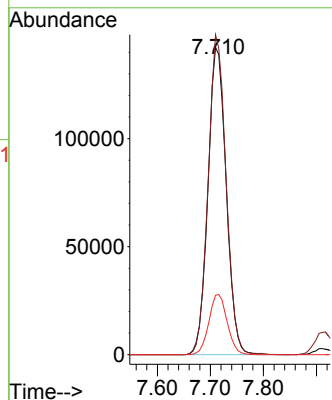
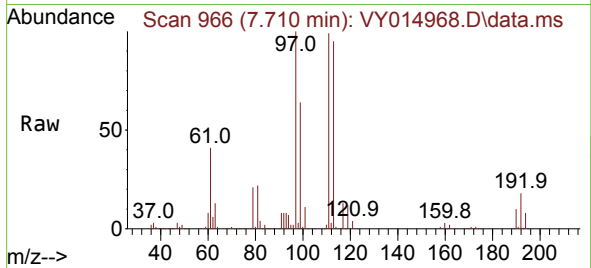




#35
Dibromofluoromethane
Concen: 107.844 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

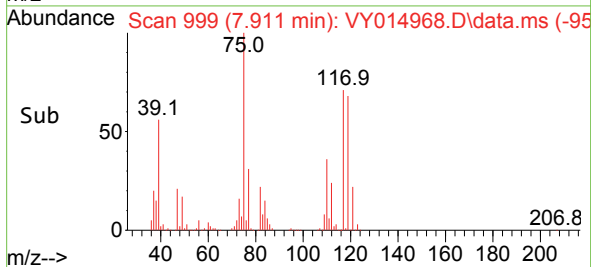
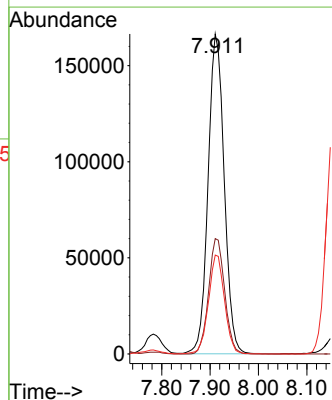
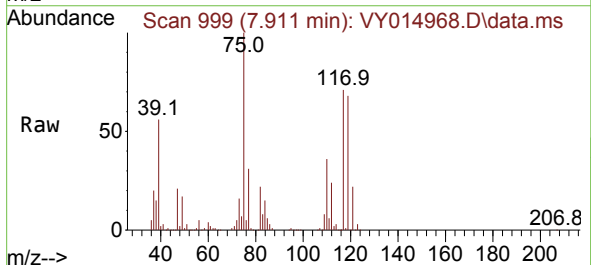
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

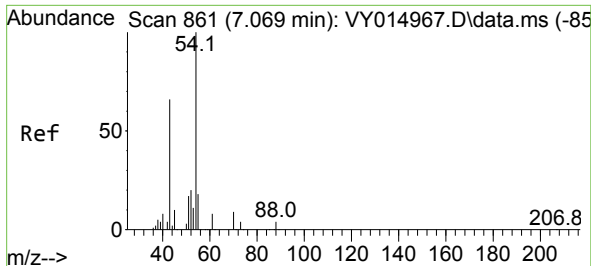
Tgt Ion:113 Resp: 339831
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 98.405 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 75 Resp: 384982
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 104.214 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

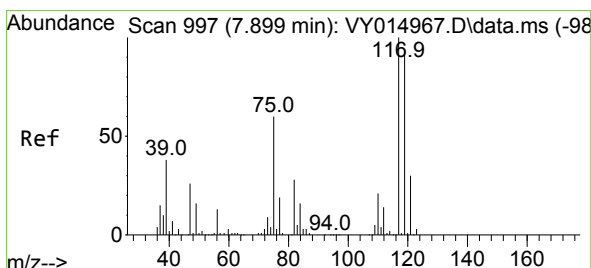
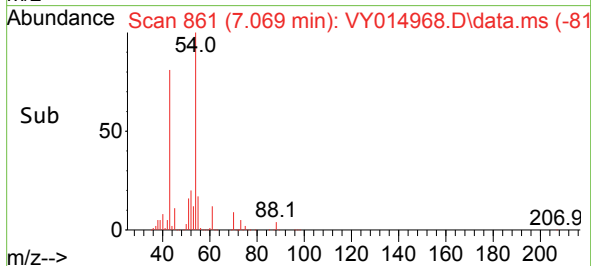
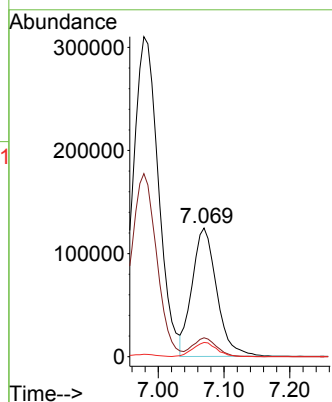
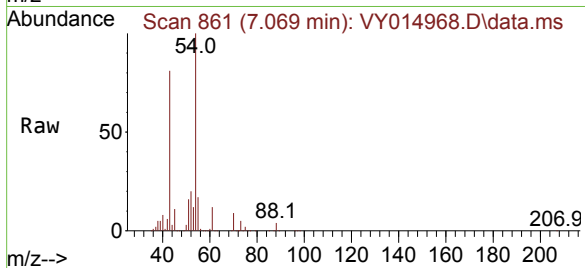
Tgt Ion: 43 Resp: 323623

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 100.720 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

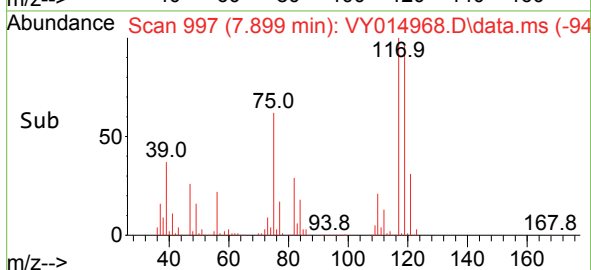
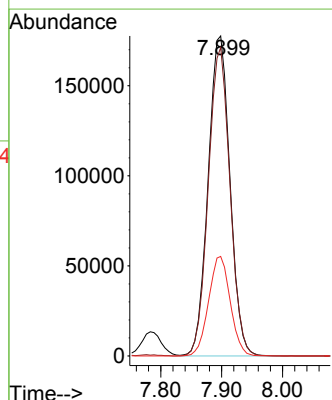
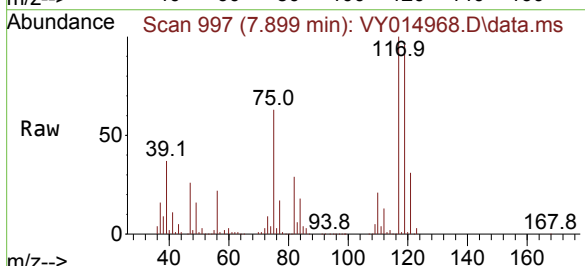
Tgt Ion: 117 Resp: 442974

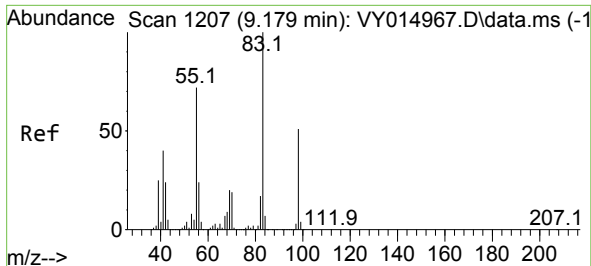
Ion Ratio Lower Upper

117 100

119 96.3 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 97.554 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

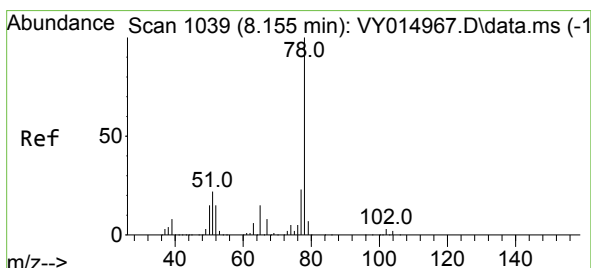
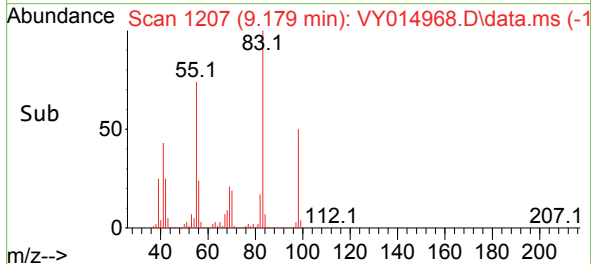
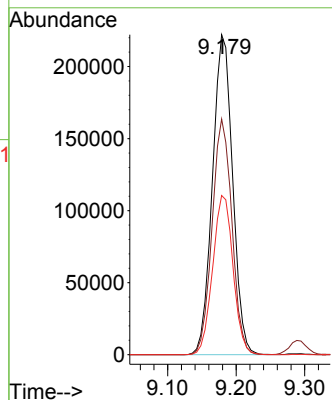
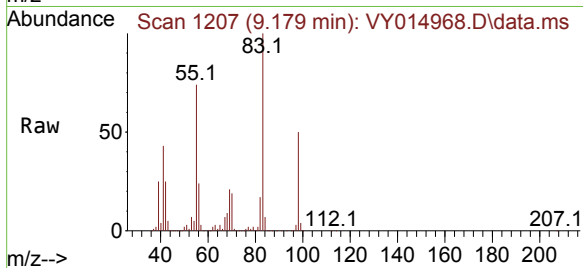
Tgt Ion: 83 Resp: 453862

Ion Ratio Lower Upper

83 100

55 73.6 63.0 94.4

98 49.7 37.4 56.2



#40

Benzene

Concen: 98.303 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014968.D

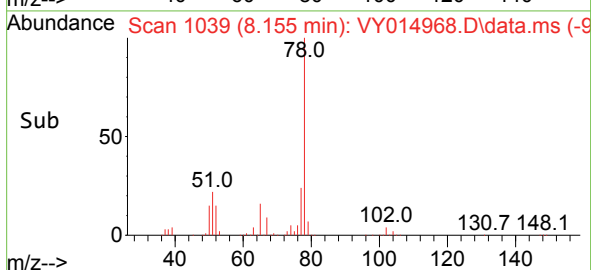
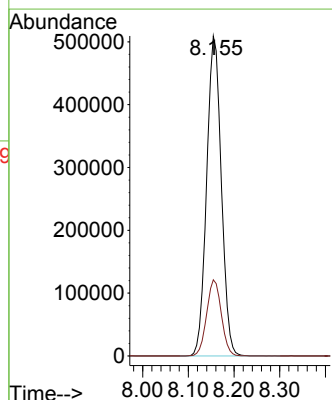
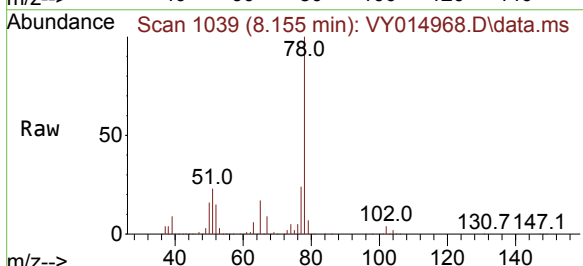
Acq: 07 Aug 2023 17:14

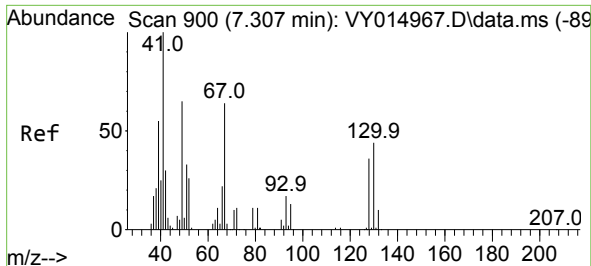
Tgt Ion: 78 Resp: 1132440

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

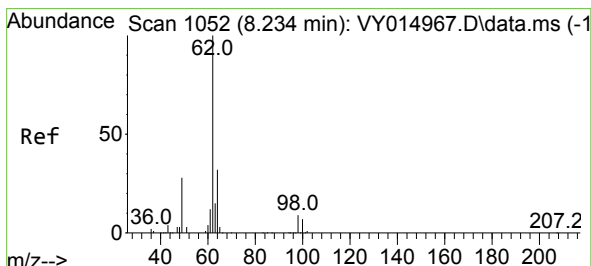
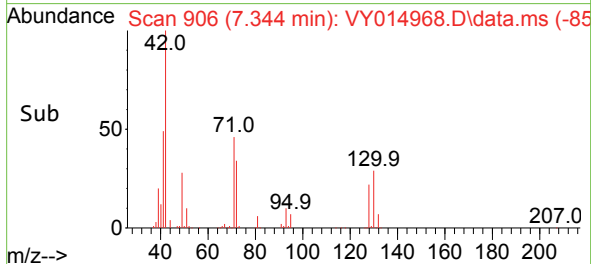
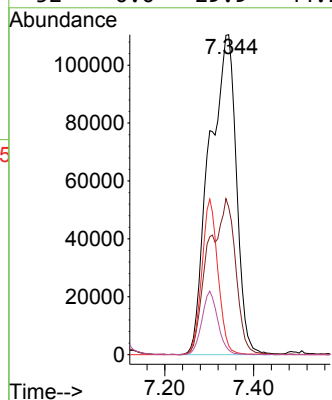
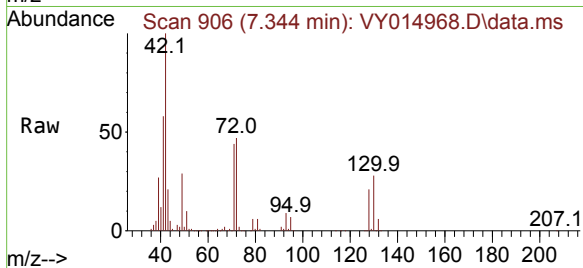




#41
Methacrylonitrile
Concen: 308.003 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

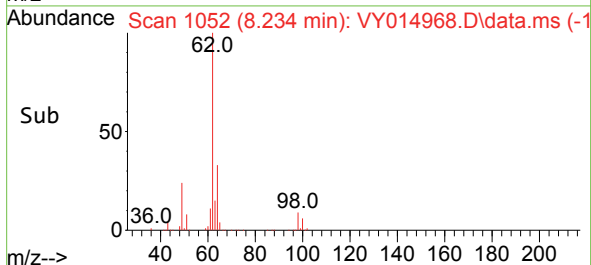
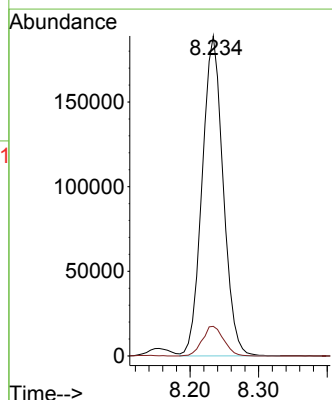
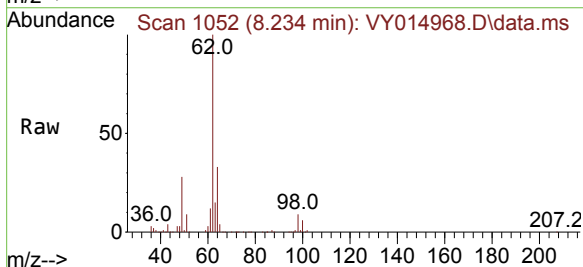
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

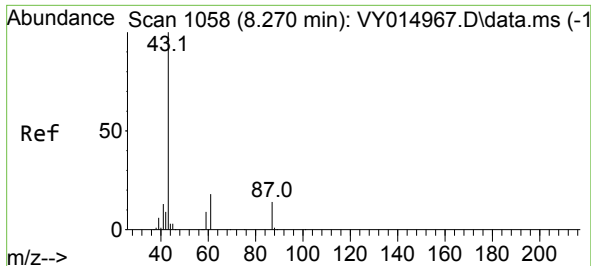
Tgt Ion: 41 Resp: 464813
Ion Ratio Lower Upper
41 100
39 27.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 100.549 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 62 Resp: 403199
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8

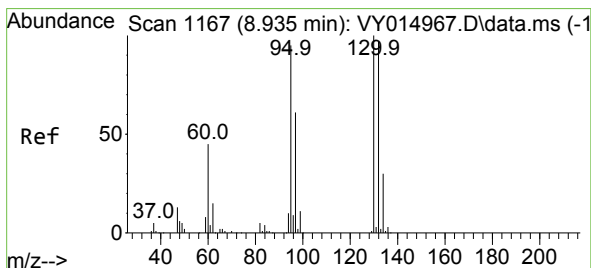
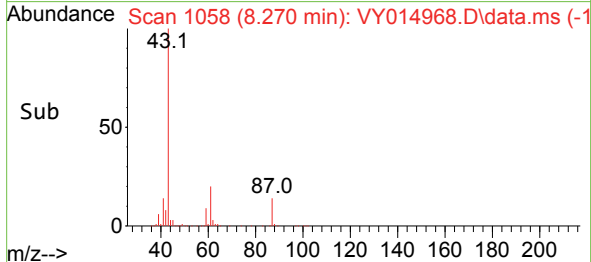
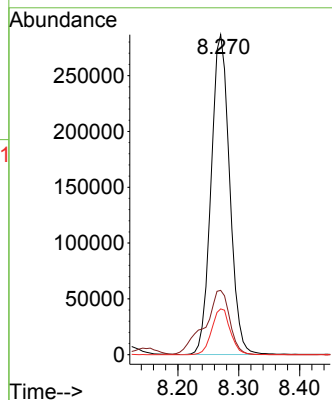
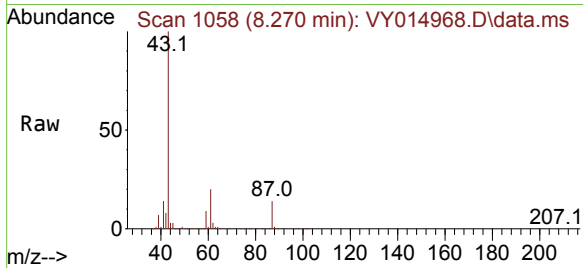




#43
Isopropyl Acetate
Concen: 104.774 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

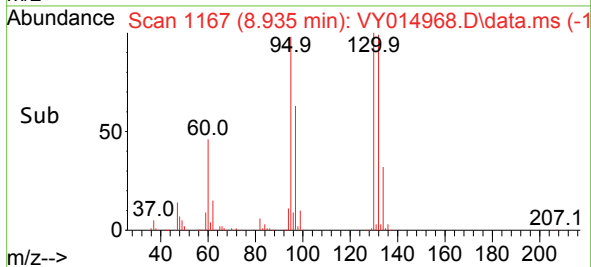
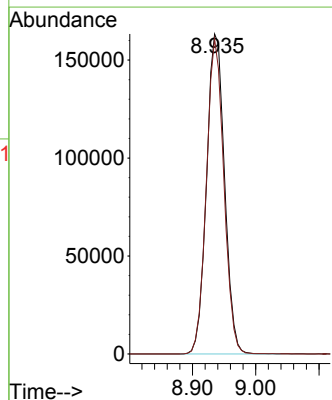
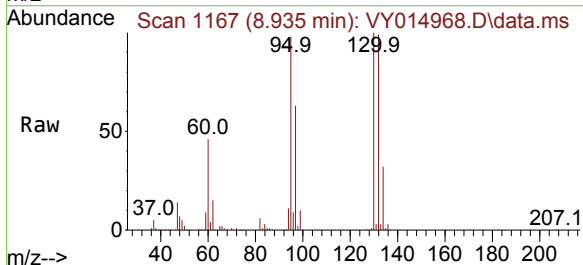
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

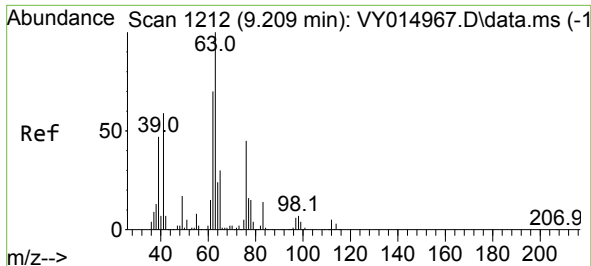
Tgt Ion: 43 Resp: 604494
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 97.855 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion:130 Resp: 323460
Ion Ratio Lower Upper
130 100
95 98.4 0.0 196.0

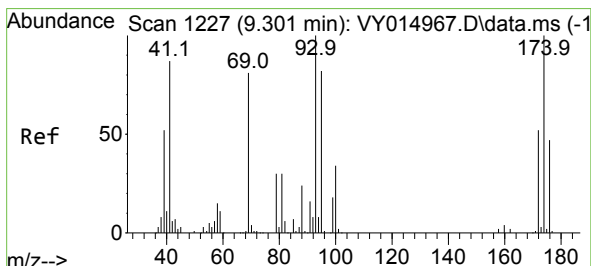
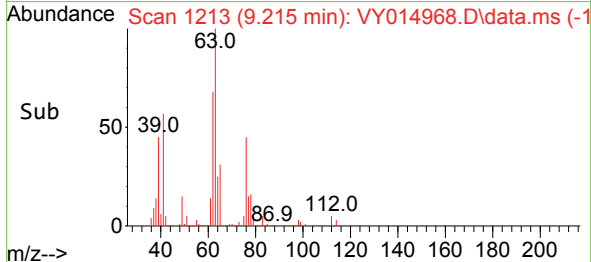
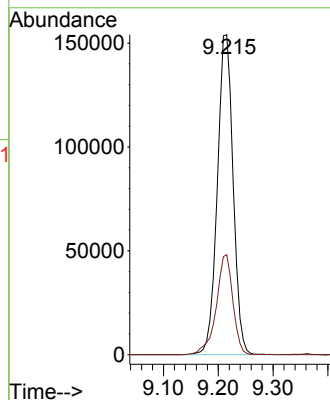
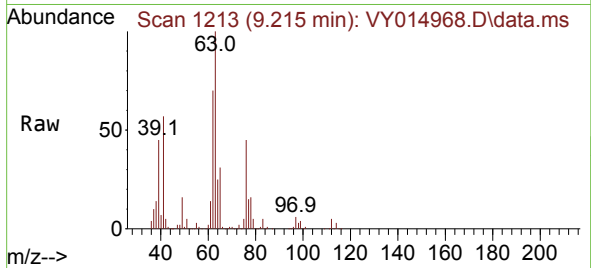




#45
1,2-Dichloropropane
Concen: 100.688 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

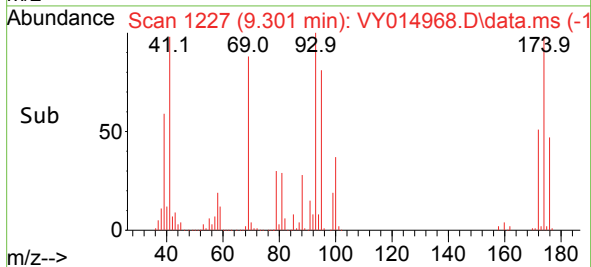
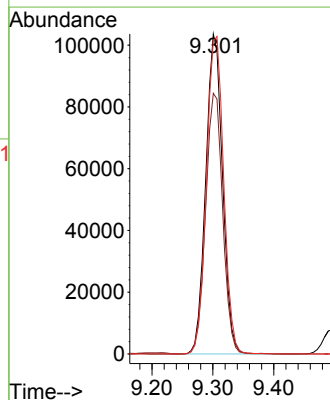
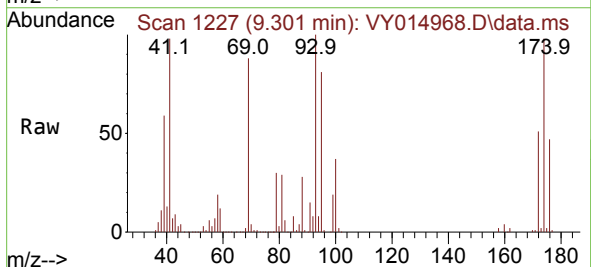
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

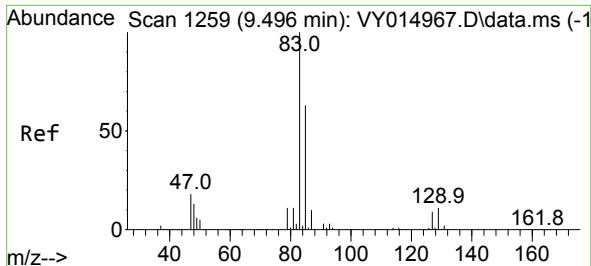
Tgt Ion: 63 Resp: 308266
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6



#46
Dibromomethane
Concen: 100.763 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 93 Resp: 198734
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 101.2 84.8 127.2

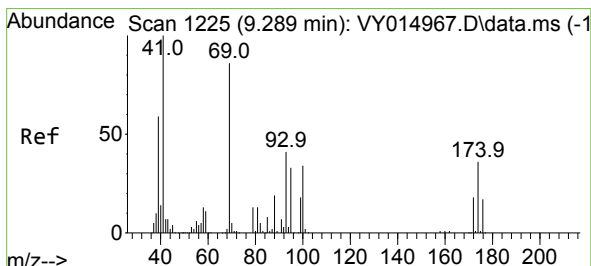
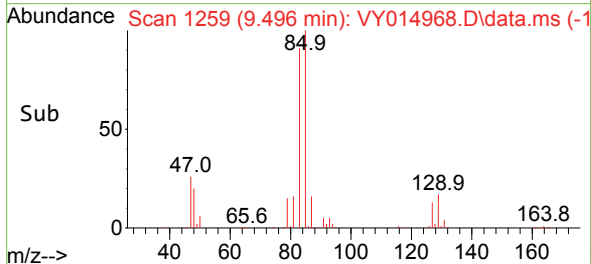
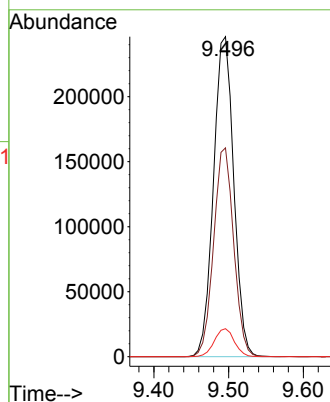
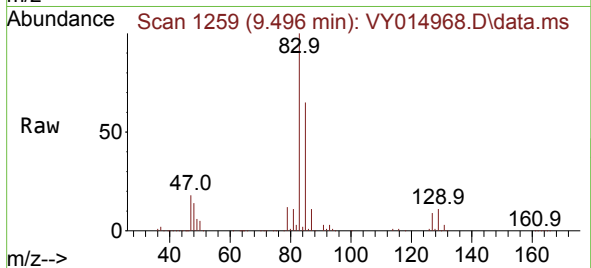




#47
Bromodichloromethane
Concen: 102.115 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

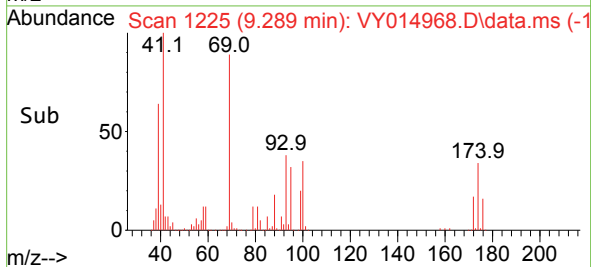
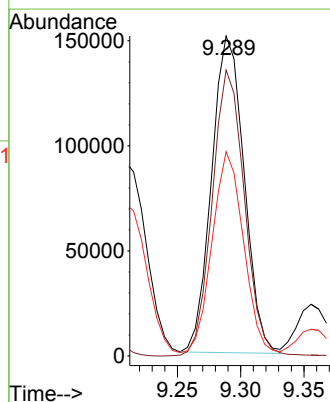
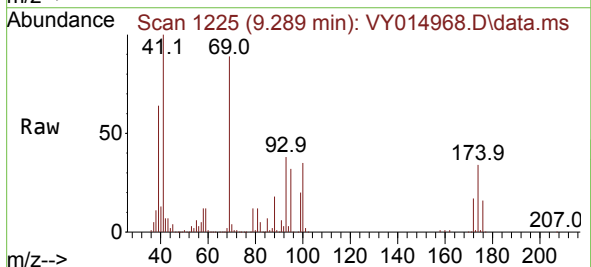
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

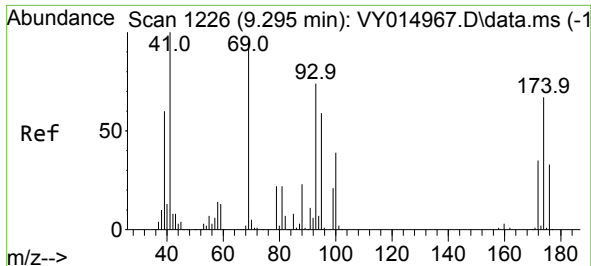
Tgt Ion: 83 Resp: 463783
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 106.439 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 41 Resp: 269438
Ion Ratio Lower Upper
41 100
69 89.6 64.5 96.7
39 63.1 50.8 76.2





#49

1,4-Dioxane

Concen: 2109.319 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

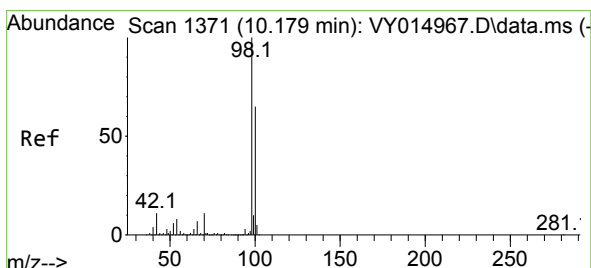
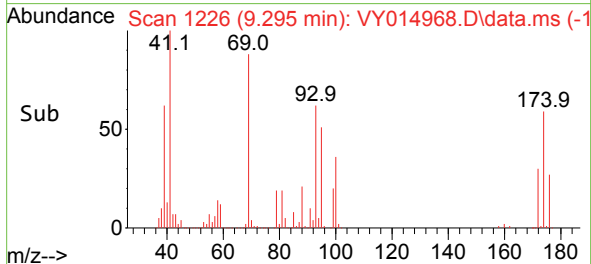
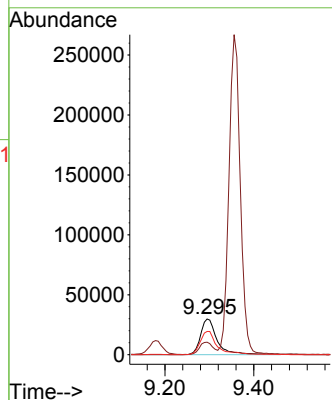
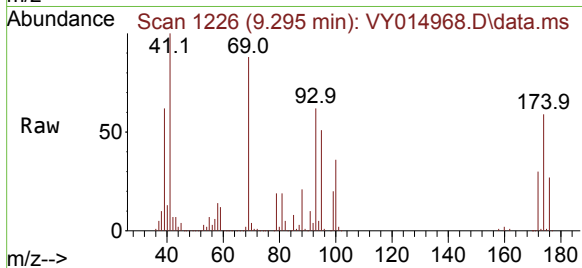
Tgt Ion: 88 Resp: 77381

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

58 68.2 30.9 46.3#



#50

Toluene-d8

Concen: 104.993 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014968.D

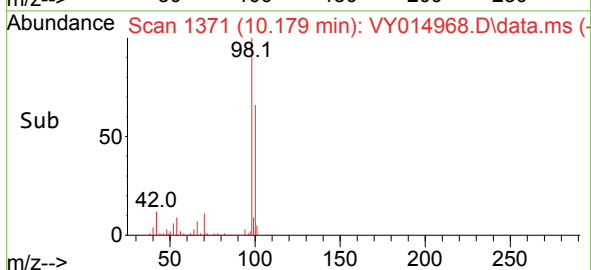
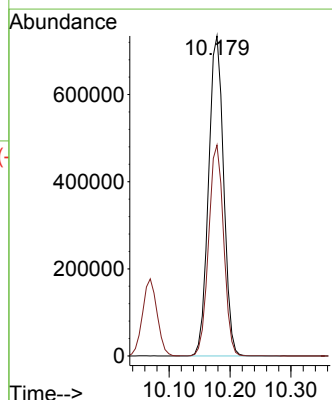
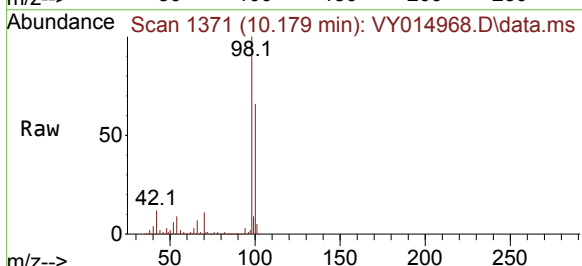
Acq: 07 Aug 2023 17:14

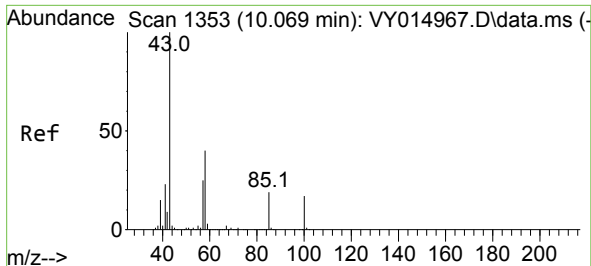
Tgt Ion: 98 Resp: 1259288

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

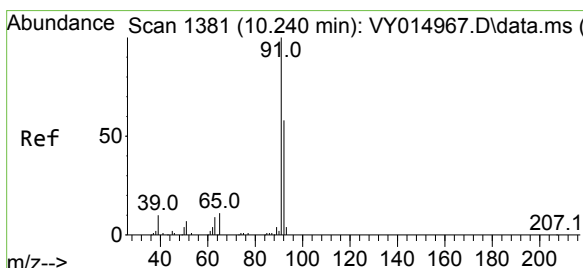
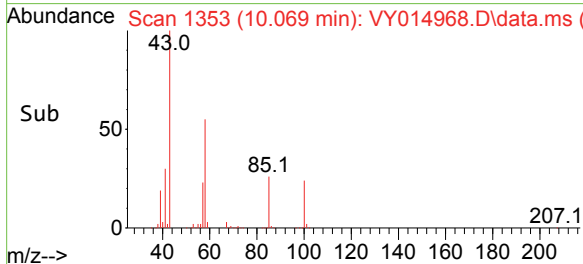
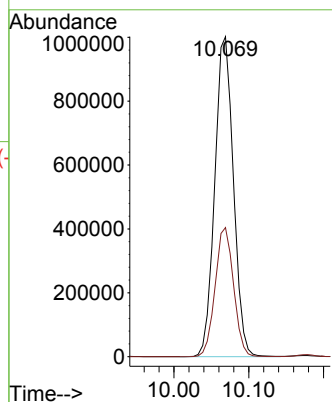
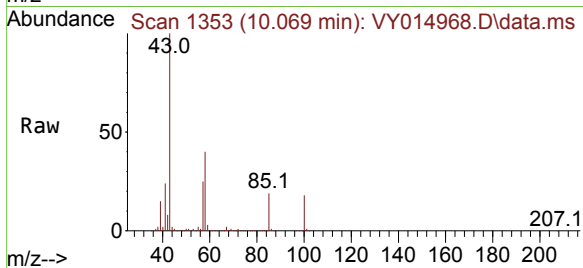




#51
4-Methyl-2-Pentanone
Concen: 533.678 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

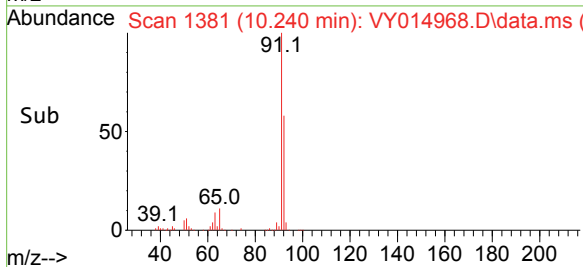
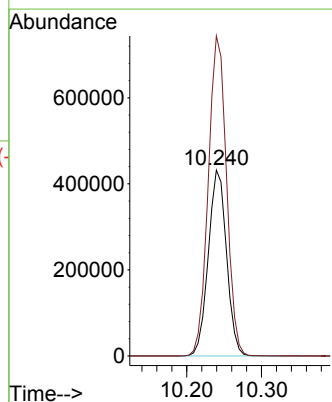
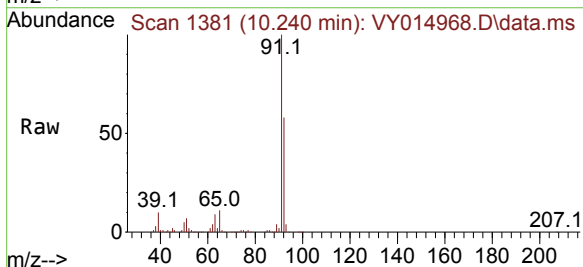
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

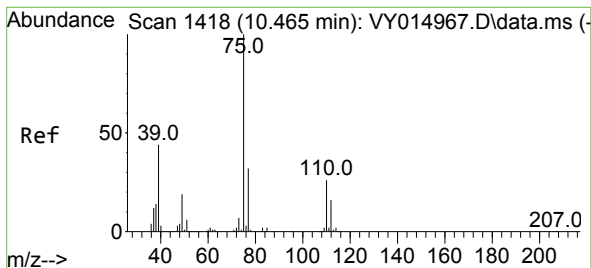
Tgt Ion: 43 Resp: 1735161
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 98.648 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 92 Resp: 731304
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6

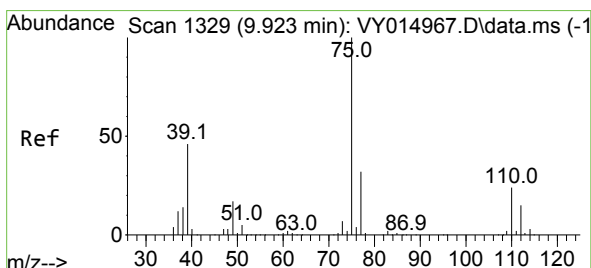
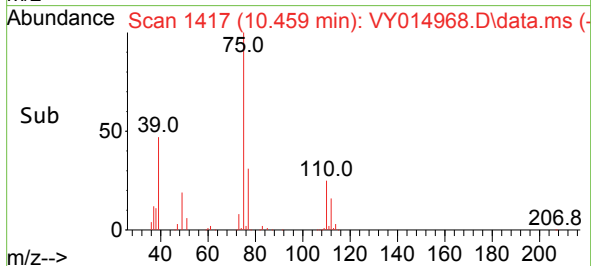
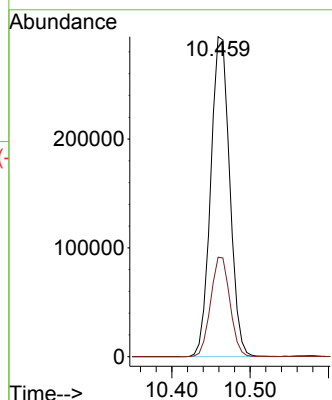
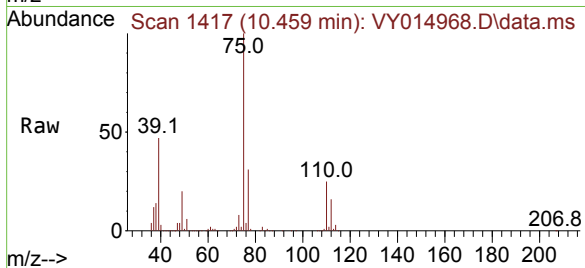




#53
 t-1,3-Dichloropropene
 Concen: 104.824 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014968.D
 Acq: 07 Aug 2023 17:14

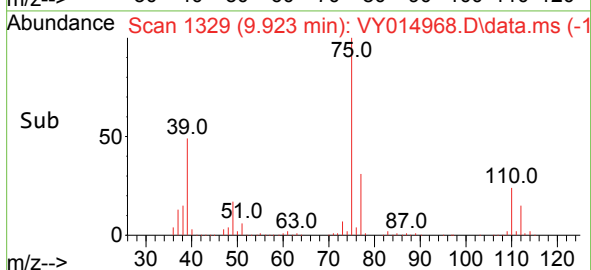
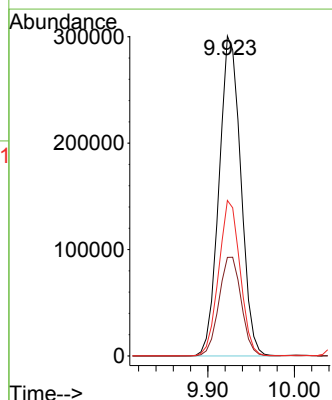
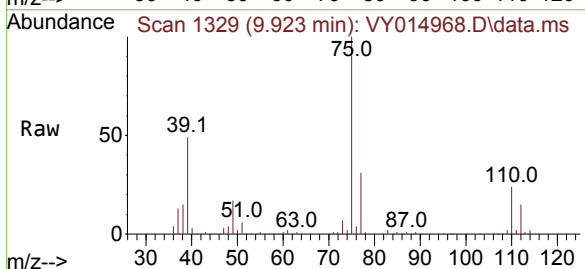
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

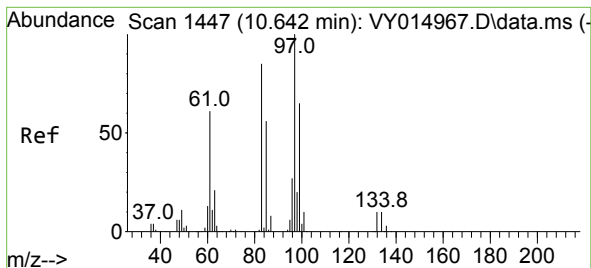
Tgt Ion: 75 Resp: 495789
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 102.599 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014968.D
 Acq: 07 Aug 2023 17:14

Tgt Ion: 75 Resp: 524284
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.2 36.4
 39 48.6 42.2 63.4



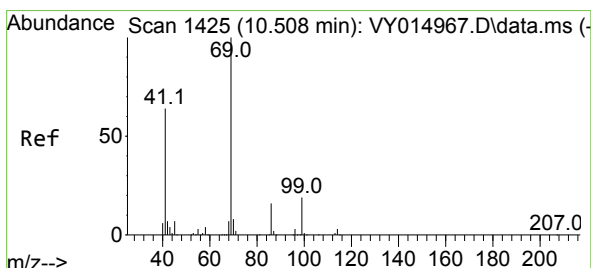
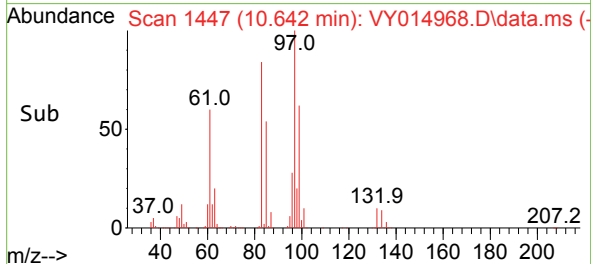
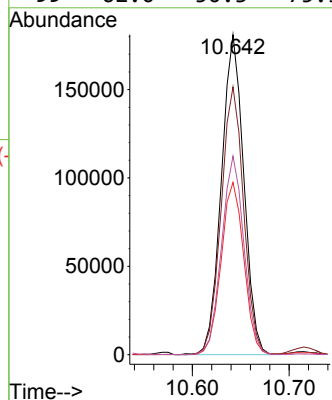
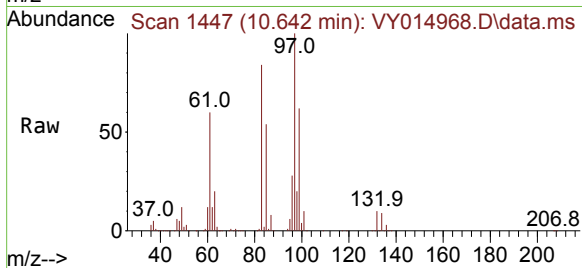


#55
1,1,2-Trichloroethane
Concen: 101.463 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 290845

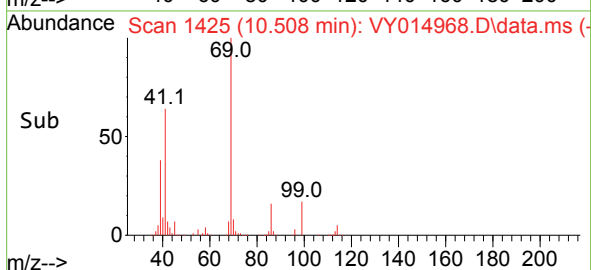
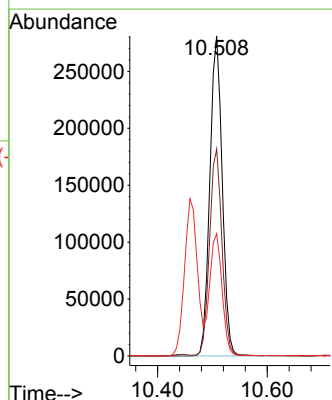
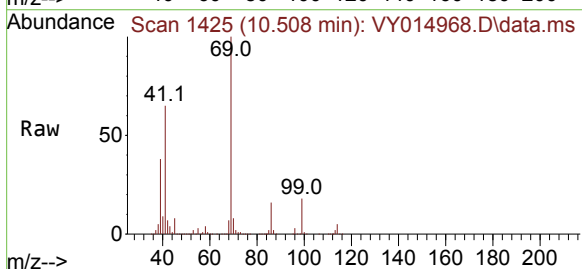
Ion	Ratio	Lower	Upper
97	100		
83	83.6	72.0	108.0
85	53.8	45.4	68.0
99	62.0	50.3	75.5

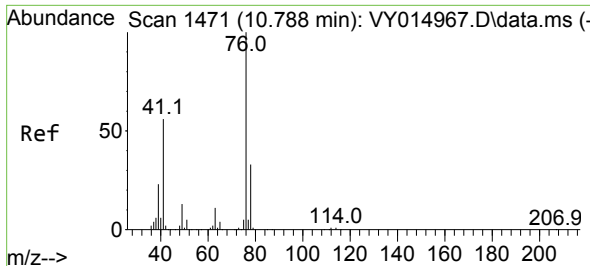


#56
Ethyl methacrylate
Concen: 106.913 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 69 Resp: 438830

Ion	Ratio	Lower	Upper
69	100		
41	64.6	57.6	86.4
39	38.1	34.1	51.1





#57

1,3-Dichloropropane

Concen: 101.113 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

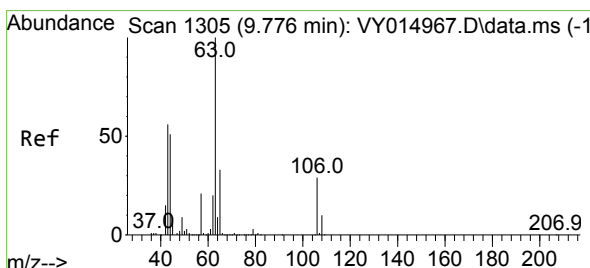
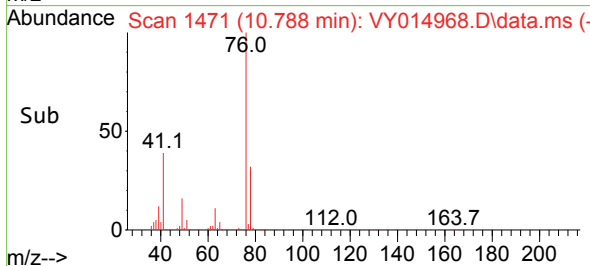
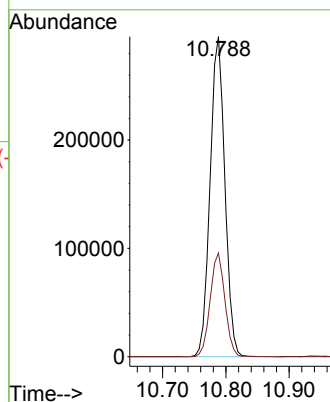
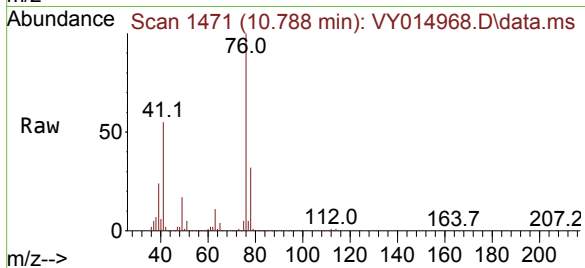
VSTDIC100

Tgt Ion: 76 Resp: 479537

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 524.795 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY014968.D

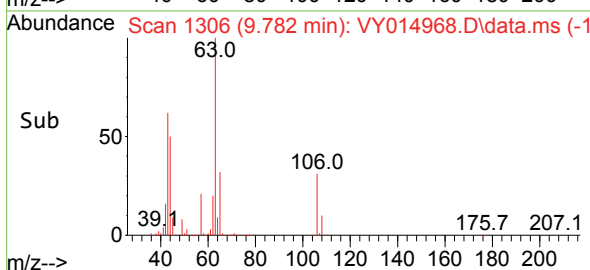
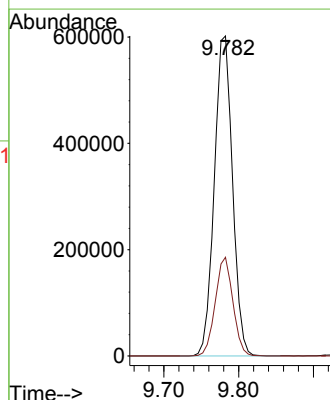
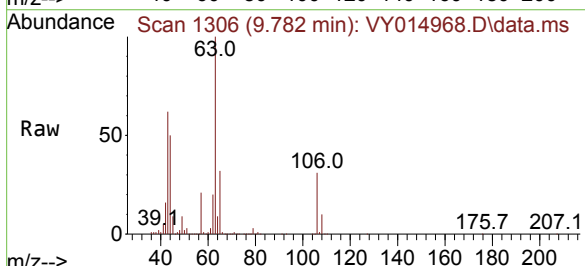
Acq: 07 Aug 2023 17:14

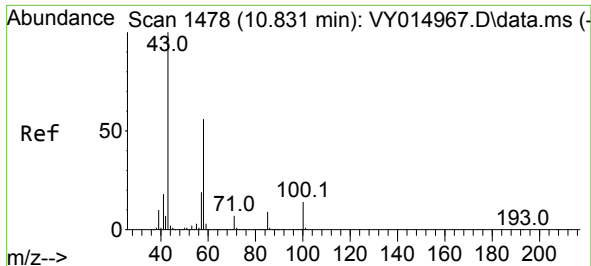
Tgt Ion: 63 Resp: 1018506

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

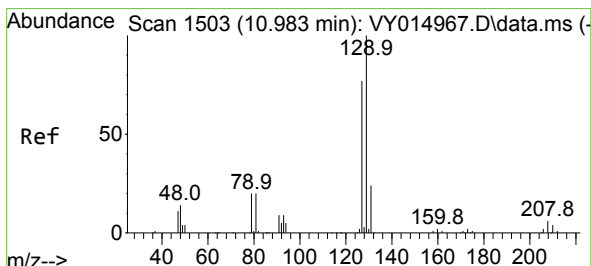
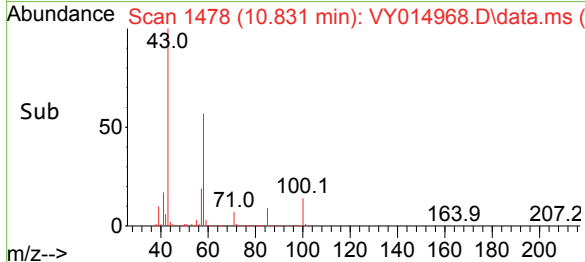
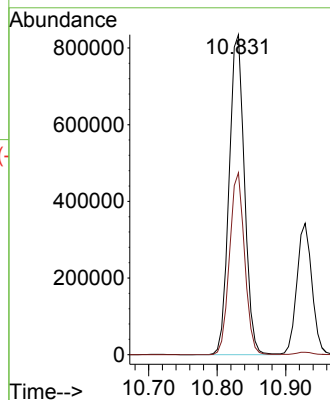
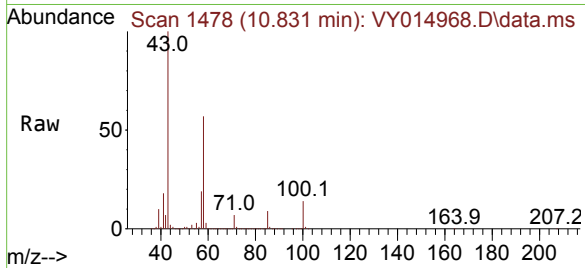




#59
2-Hexanone
Concen: 539.960 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

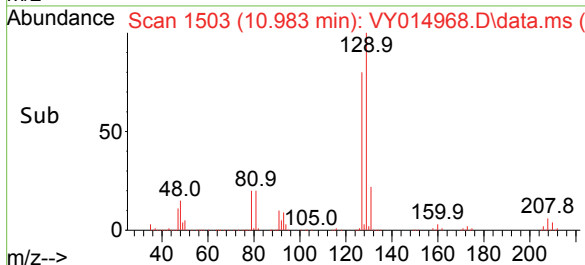
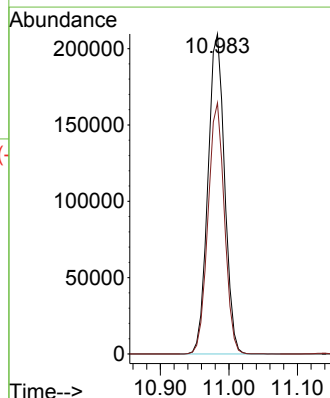
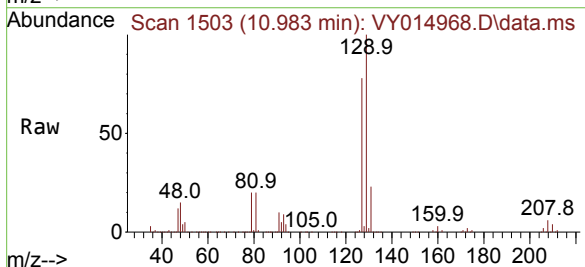
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

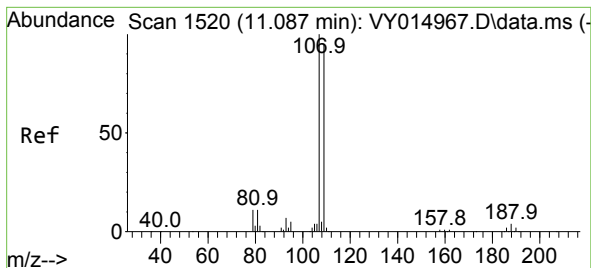
Tgt Ion: 43 Resp: 1296880
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 103.702 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 129 Resp: 353950
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

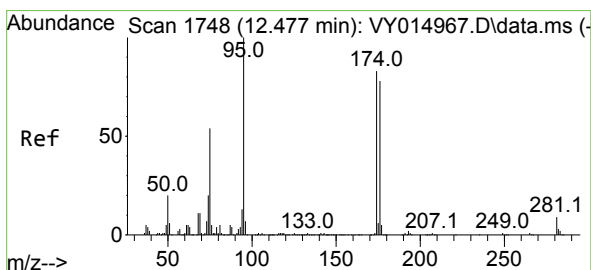
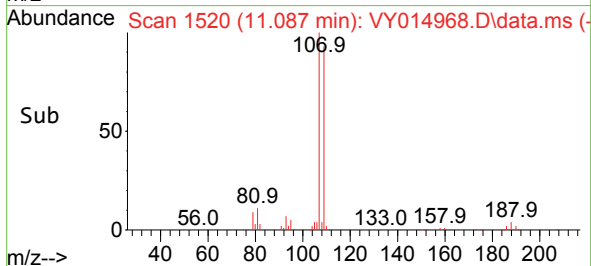
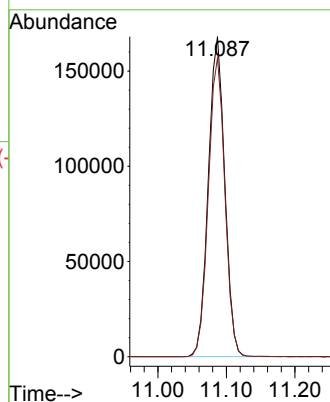
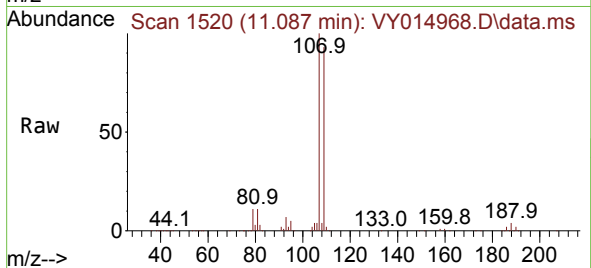




#61
1,2-Dibromoethane
Concen: 102.279 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

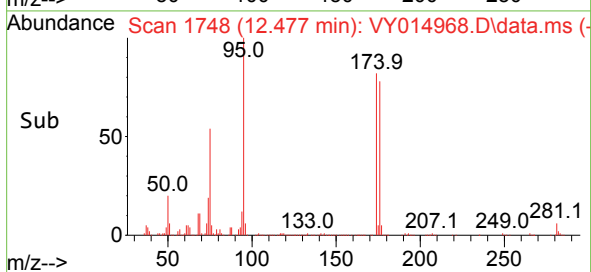
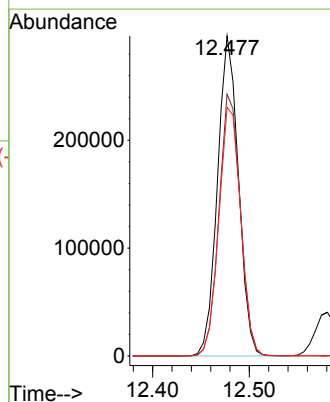
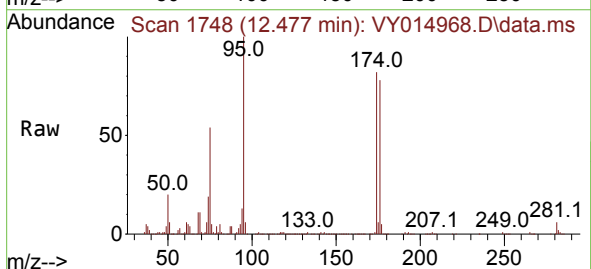
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

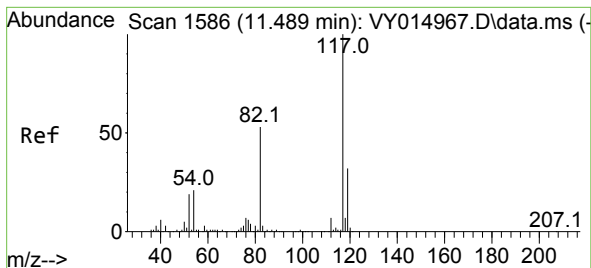
Tgt Ion:107 Resp: 279846
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 104.979 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 95 Resp: 446255
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.2 0.0 173.8

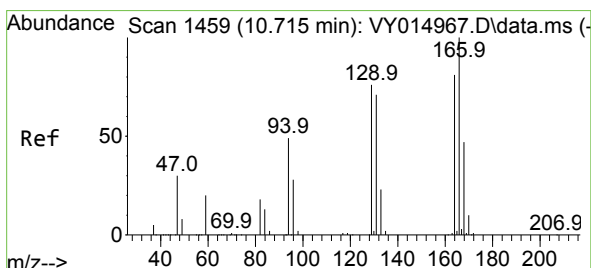
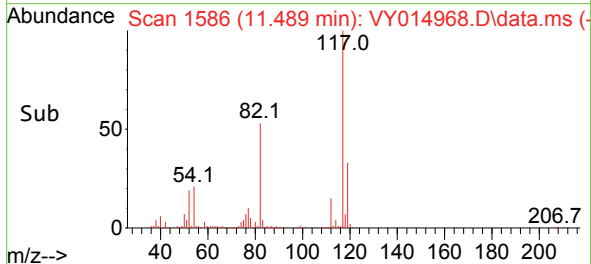
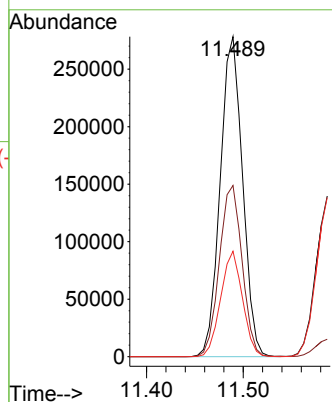
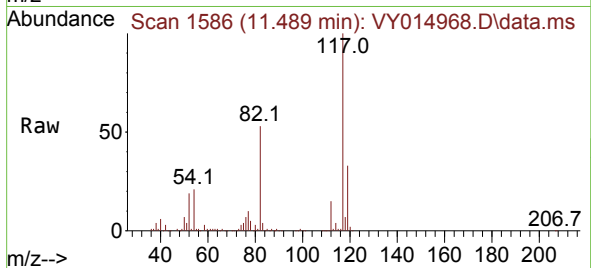




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

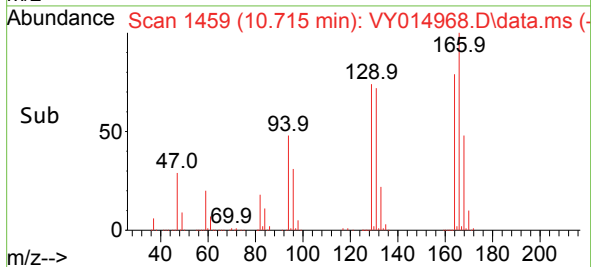
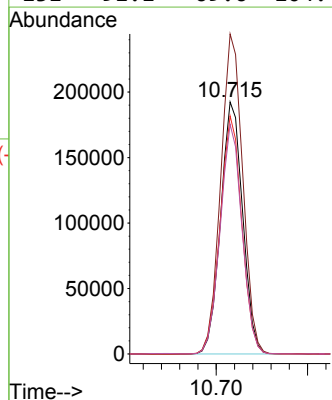
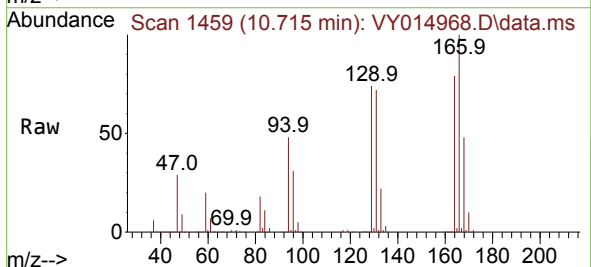
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

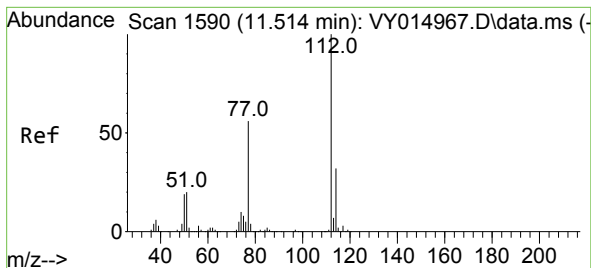
Tgt Ion:117 Resp: 445498
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.9 26.3 39.5



#64
Tetrachloroethene
Concen: 95.987 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion:164 Resp: 321664
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 94.5 77.2 115.8
131 91.1 69.6 104.4

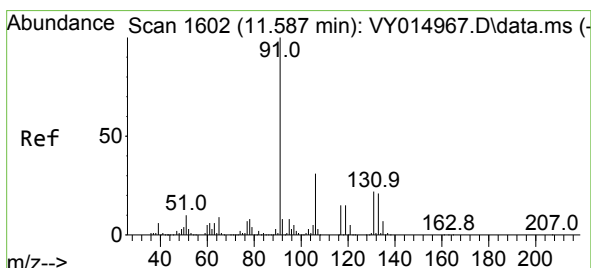
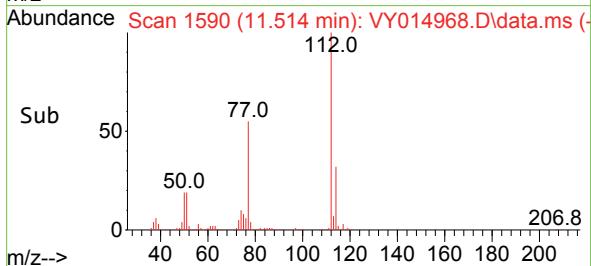
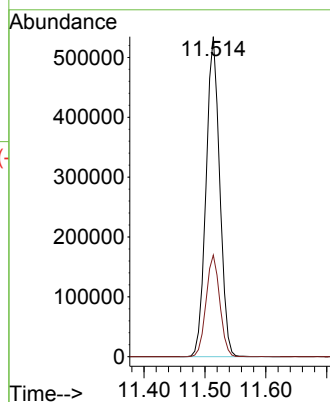
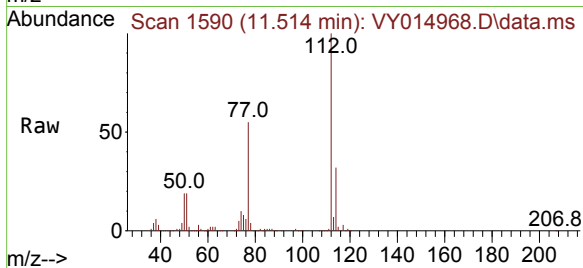




#65
Chlorobenzene
Concen: 98.675 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

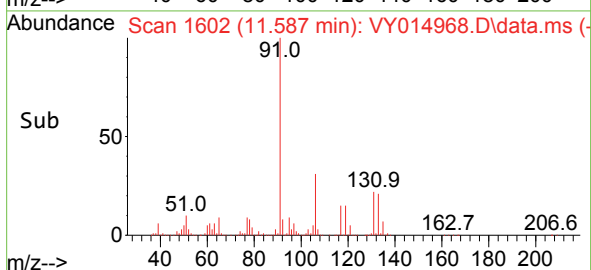
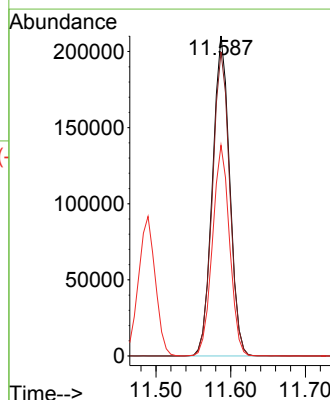
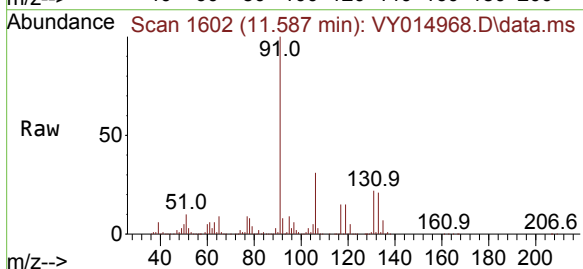
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

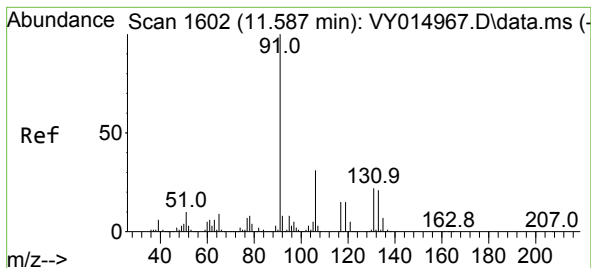
Tgt Ion:112 Resp: 834142
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 101.413 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion:131 Resp: 335925
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 65.5 31.6 94.7

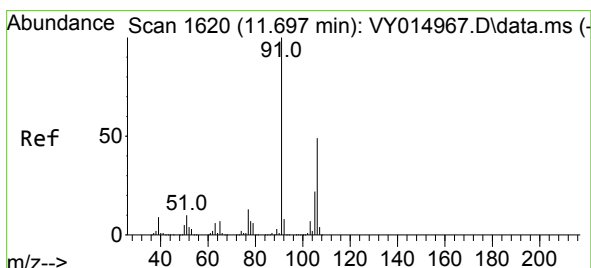
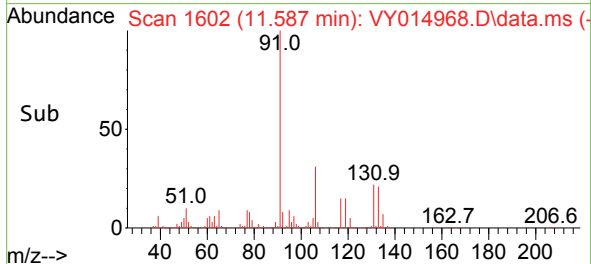
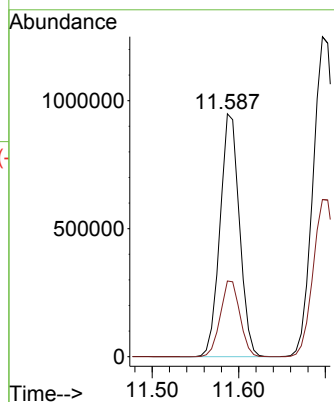
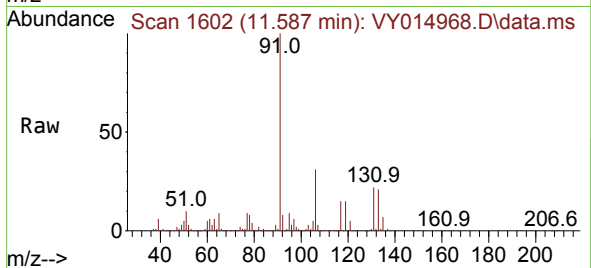




#67
Ethyl Benzene
Concen: 99.665 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

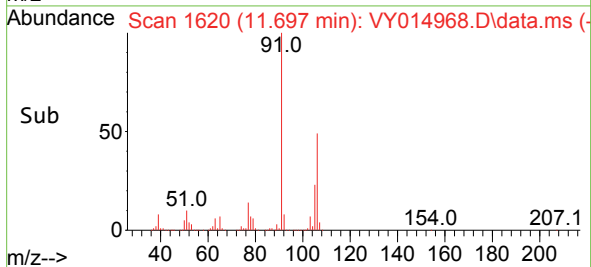
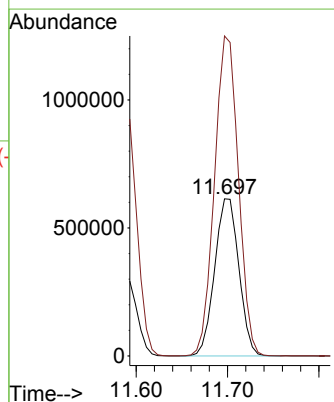
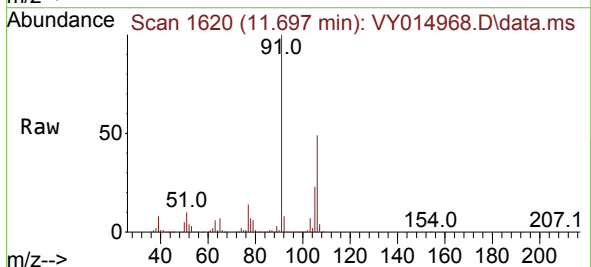
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

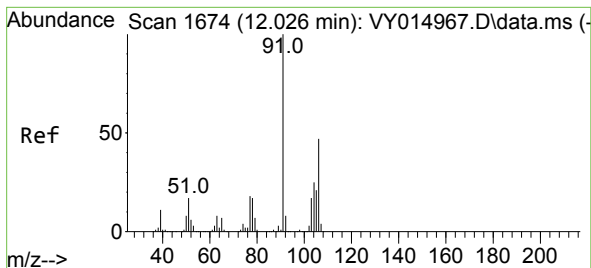
Tgt Ion: 91 Resp: 1478571
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 199.218 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion:106 Resp: 1130615
Ion Ratio Lower Upper
106 100
91 201.1 166.1 249.1

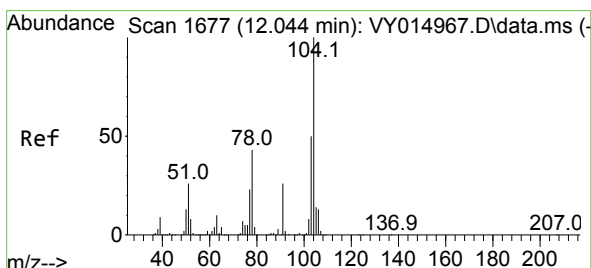
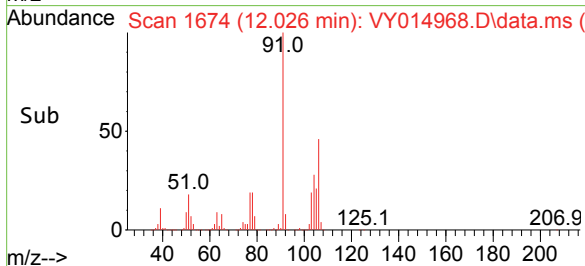
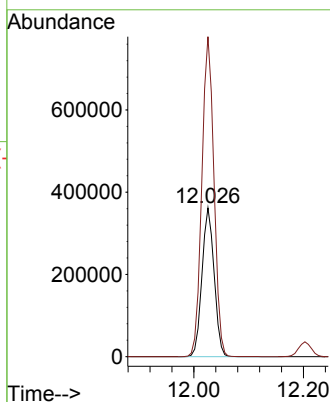
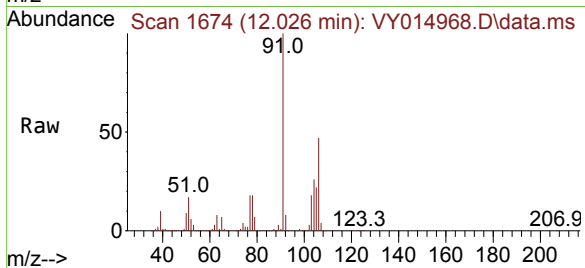




#69
o-Xylene
Concen: 99.905 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

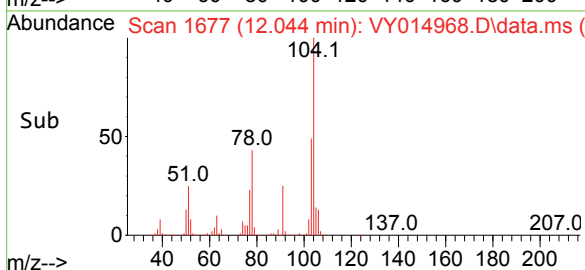
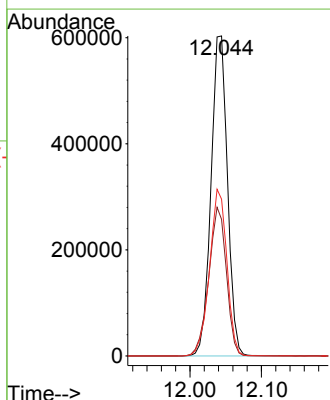
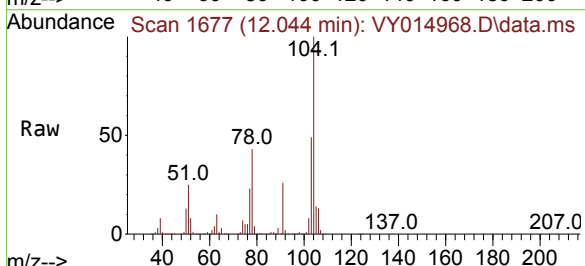
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

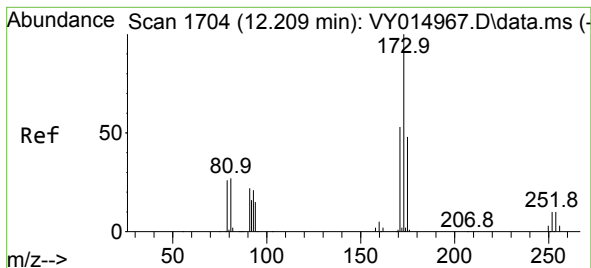
Tgt Ion:106 Resp: 554801
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3



#70
Styrene
Concen: 101.567 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion:104 Resp: 963921
Ion Ratio Lower Upper
104 100
78 49.8 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 106.415 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

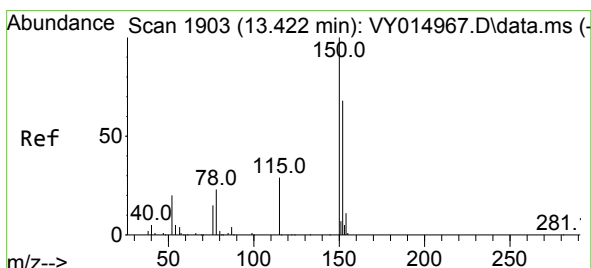
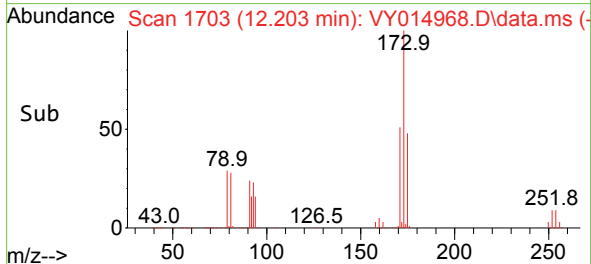
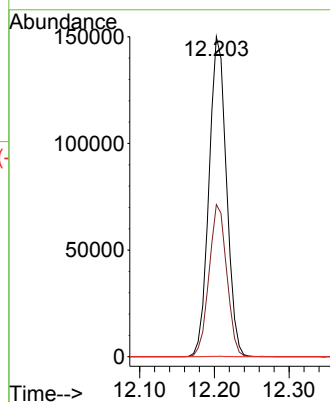
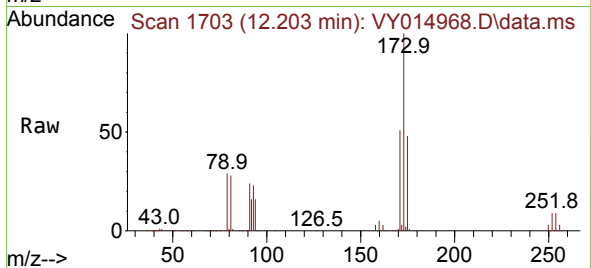
Tgt Ion:173 Resp: 242965

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

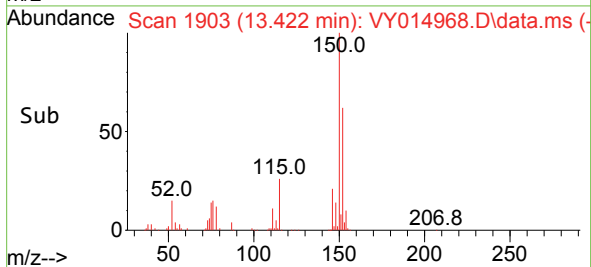
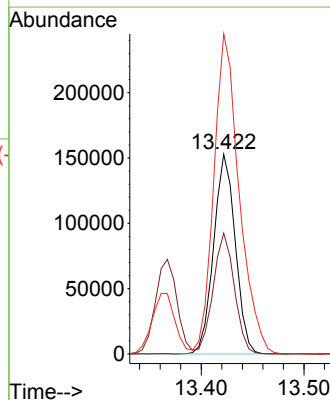
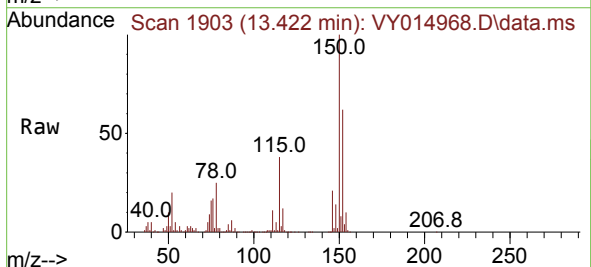
Tgt Ion:152 Resp: 223193

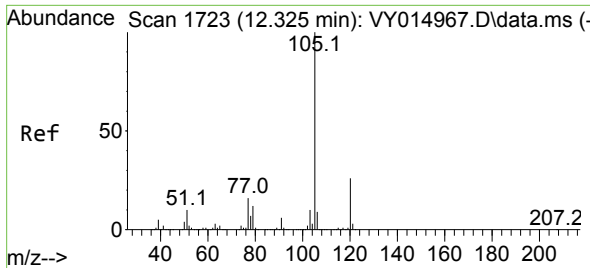
Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 187.9 0.0 348.8

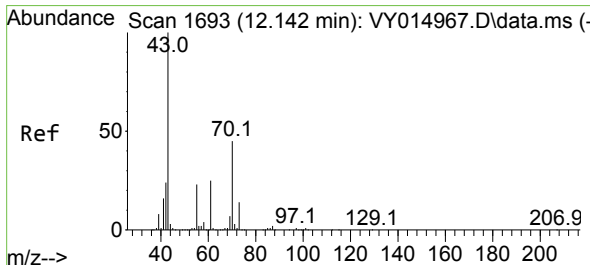
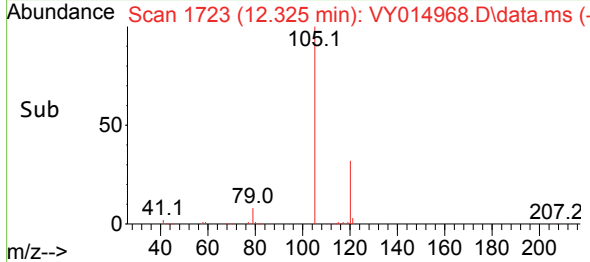
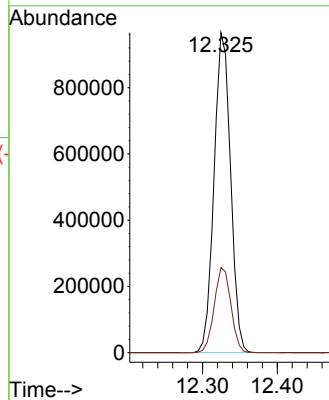
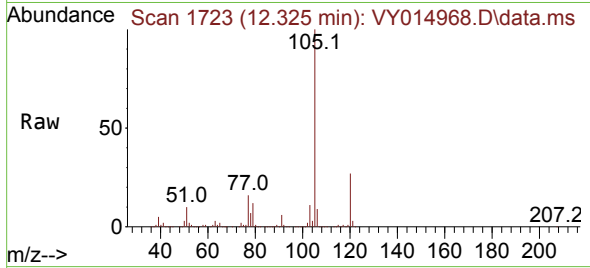




#73
Isopropylbenzene
Concen: 98.809 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

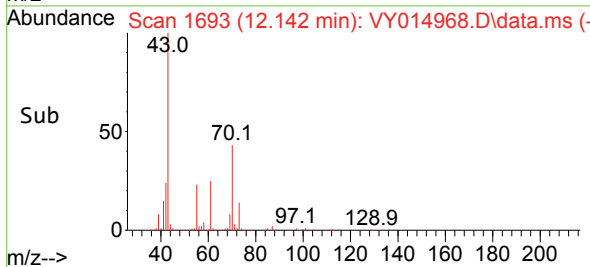
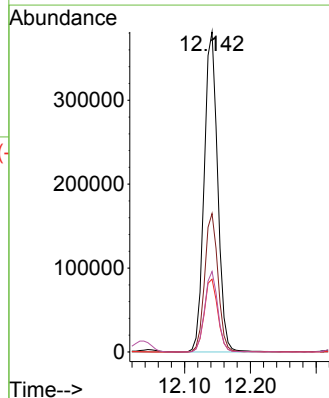
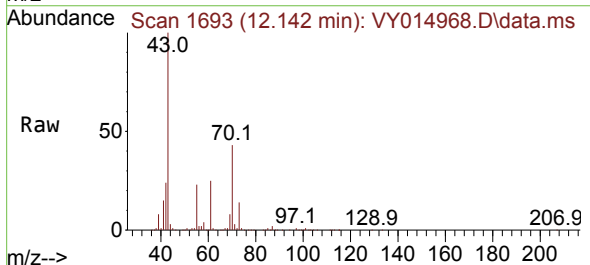
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

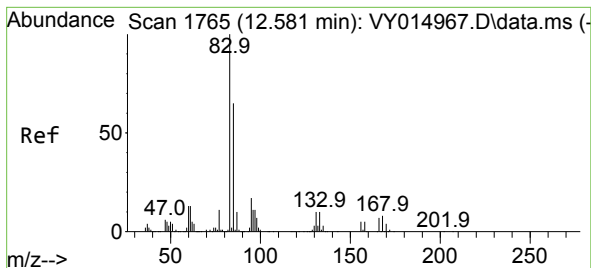
Tgt Ion:105 Resp: 1482468
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 106.060 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 43 Resp: 543675
Ion Ratio Lower Upper
43 100
70 43.1 29.7 44.5
55 23.1 18.3 27.5
61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 104.463 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

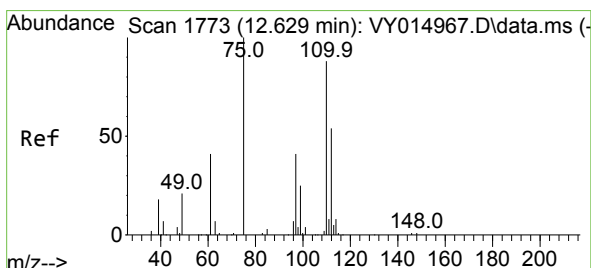
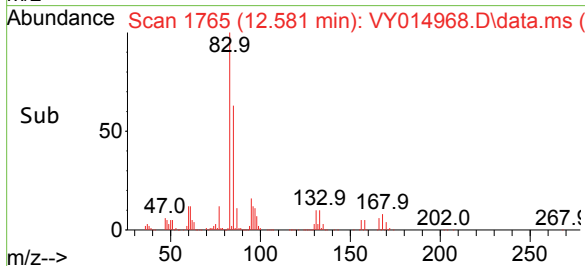
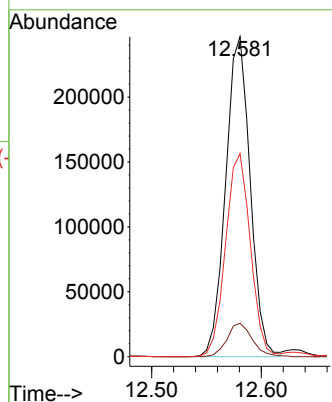
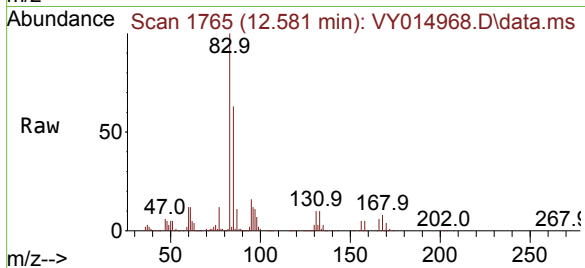
Tgt Ion: 83 Resp: 383015

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 186.547 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014968.D

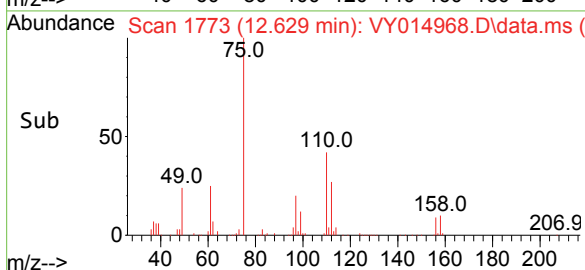
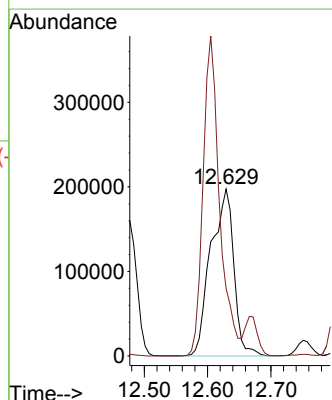
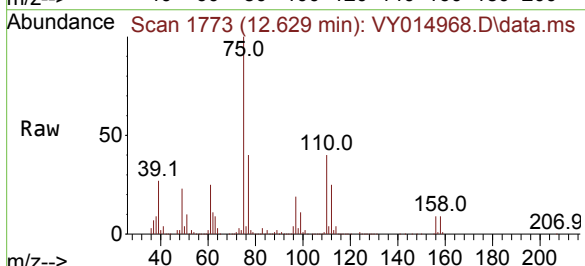
Acq: 07 Aug 2023 17:14

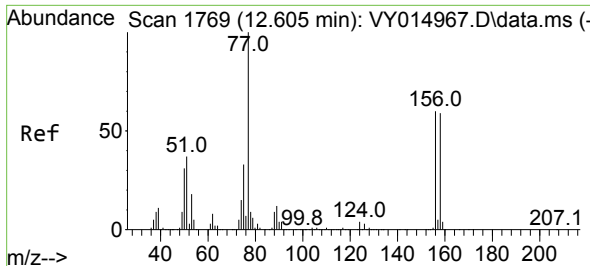
Tgt Ion: 75 Resp: 498898

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

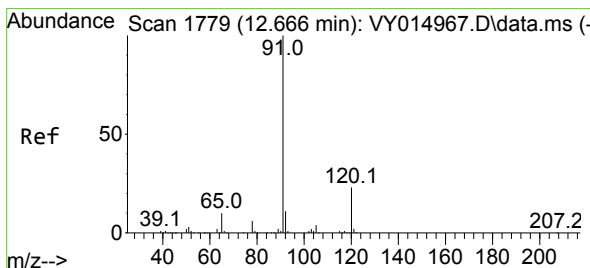
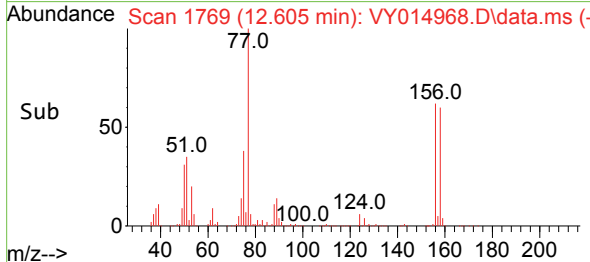
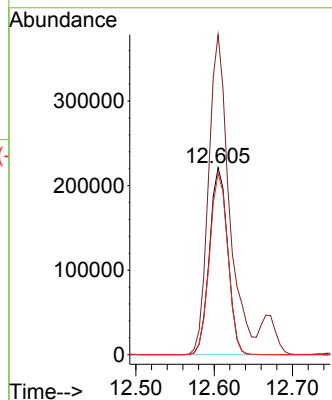
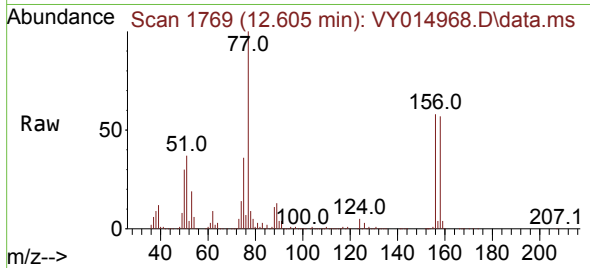




#77
Bromobenzene
Concen: 98.491 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

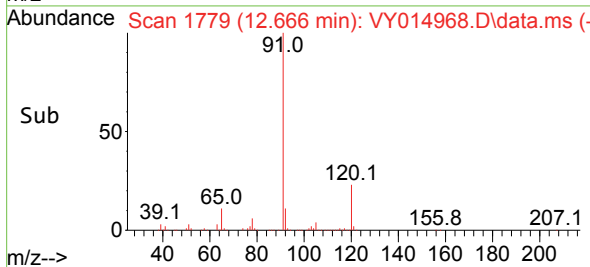
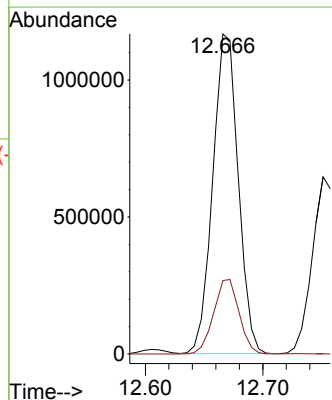
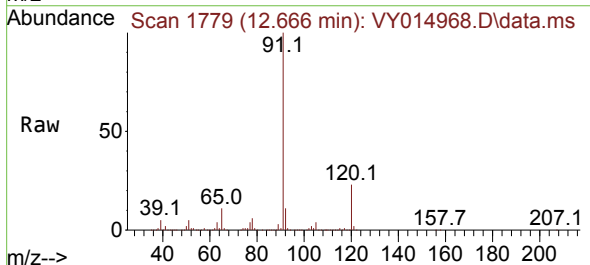
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

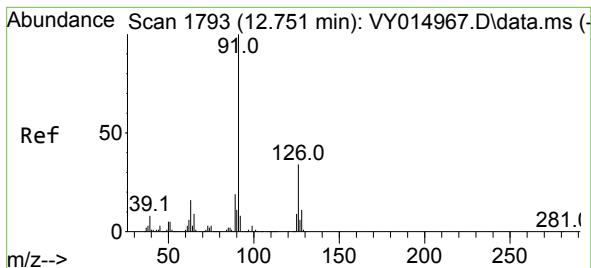
Tgt Ion:156 Resp: 358435
Ion Ratio Lower Upper
156 100
77 193.8 92.8 278.6
158 97.0 48.4 145.3



#78
n-propylbenzene
Concen: 97.979 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 91 Resp: 1758213
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

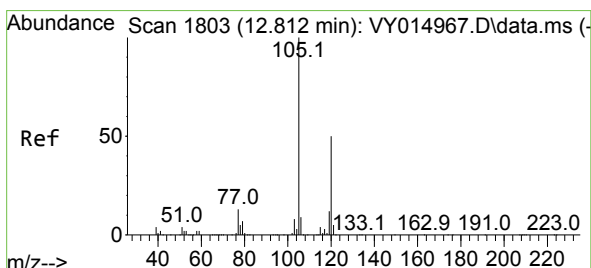
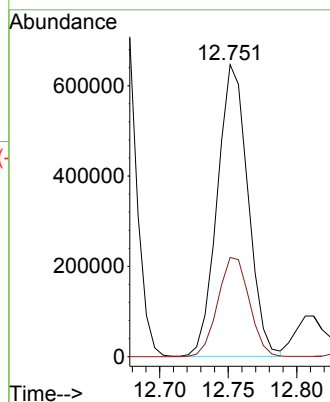
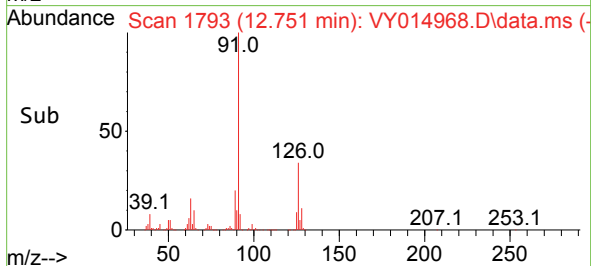
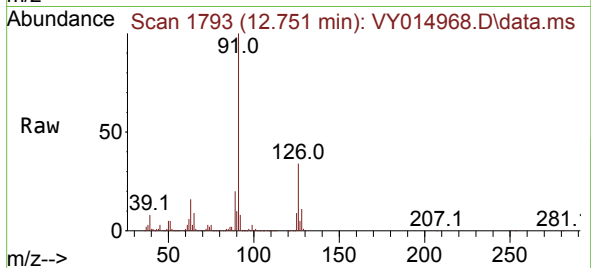




#79
2-Chlorotoluene
Concen: 98.603 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

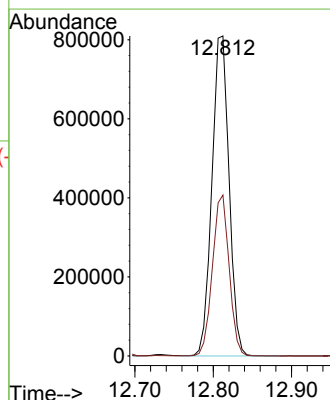
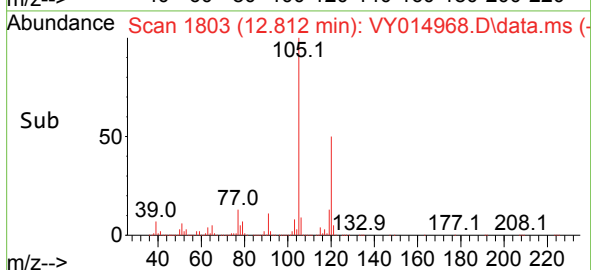
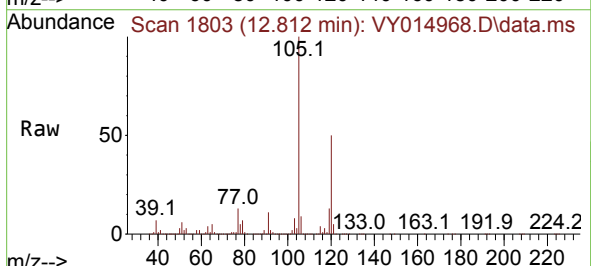
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

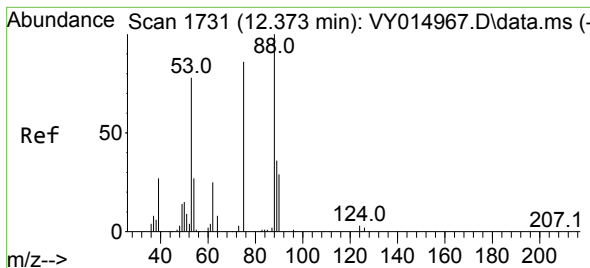
Tgt Ion: 91 Resp: 1008428
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 99.368 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 105 Resp: 1228568
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

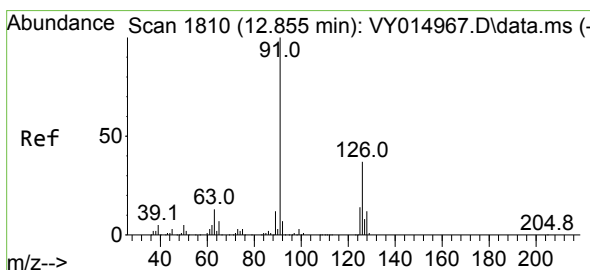
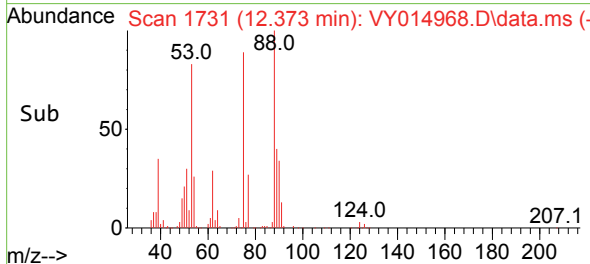
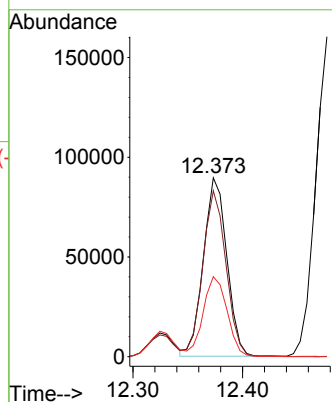
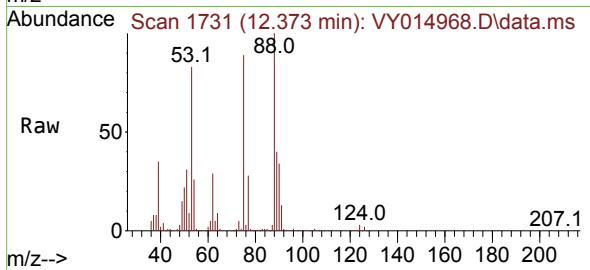




#81
trans-1,4-Dichloro-2-butene
Concen: 109.626 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

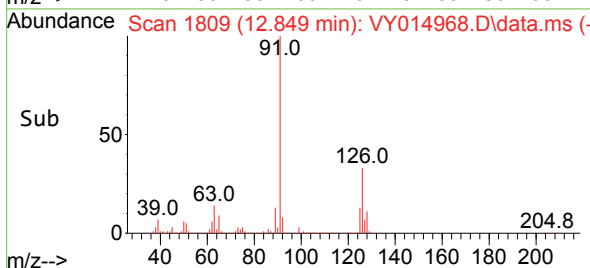
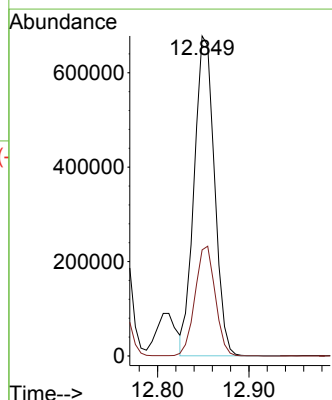
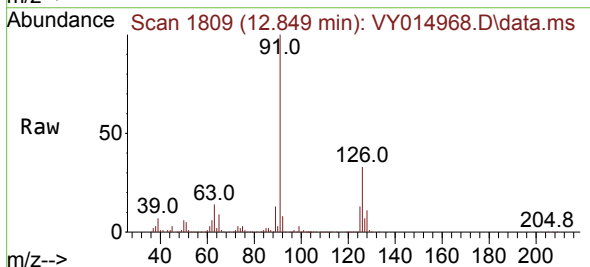
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

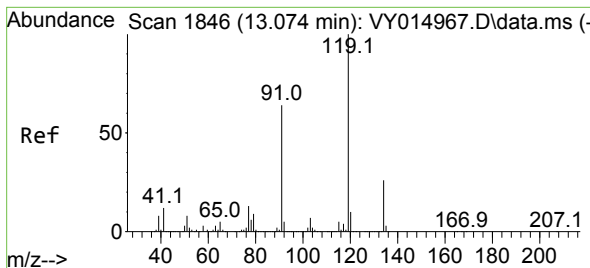
Tgt Ion: 75 Resp: 133081
Ion Ratio Lower Upper
75 100
53 92.4 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 98.688 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion: 91 Resp: 1043383
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6

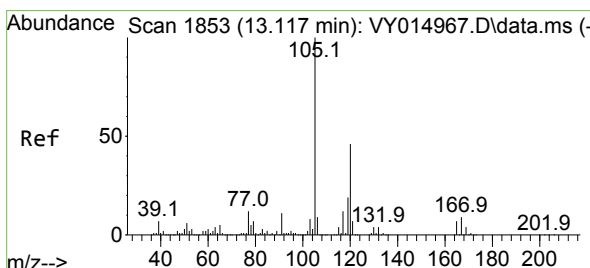
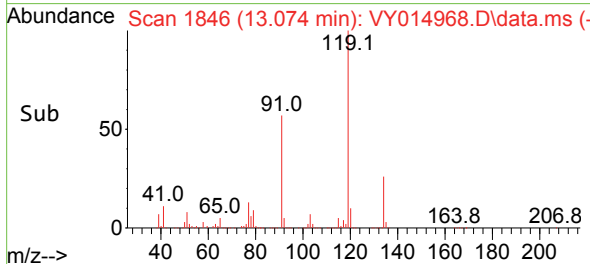
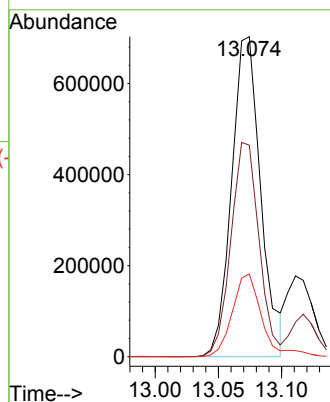
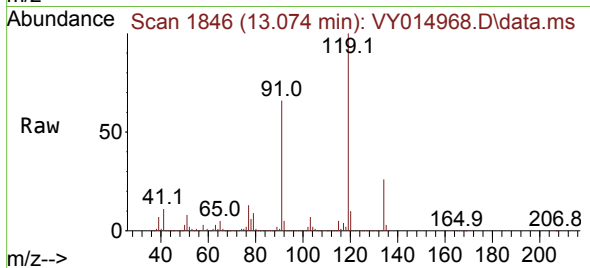




#83
tert-Butylbenzene
Concen: 99.551 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

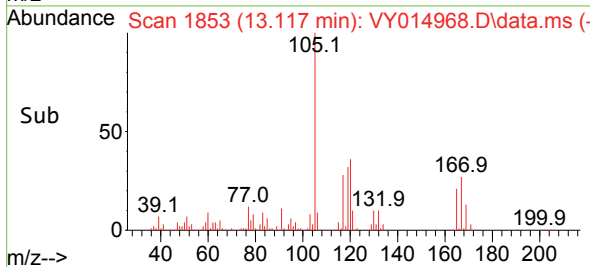
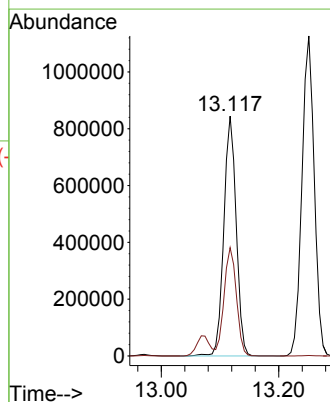
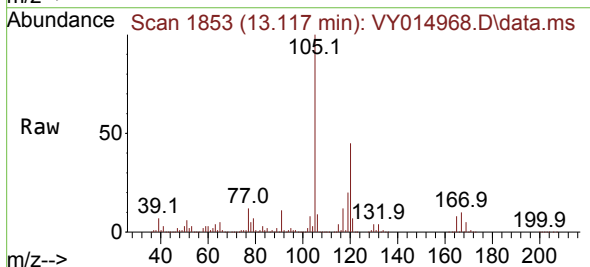
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

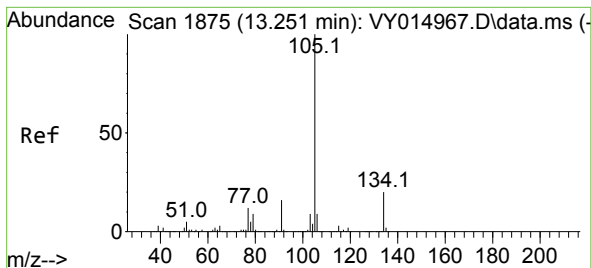
Tgt Ion:119 Resp: 1125966
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 99.724 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY014968.D
Acq: 07 Aug 2023 17:14

Tgt Ion:105 Resp: 1235312
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 98.575 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

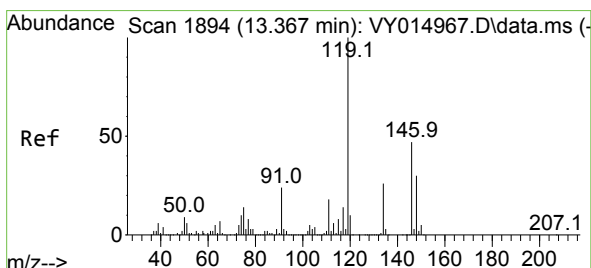
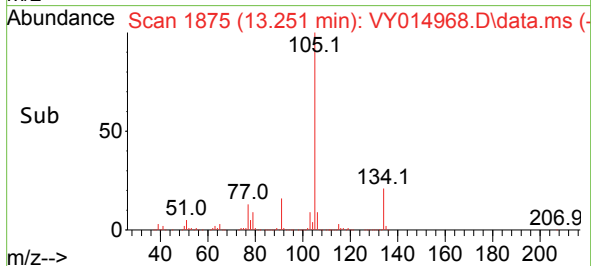
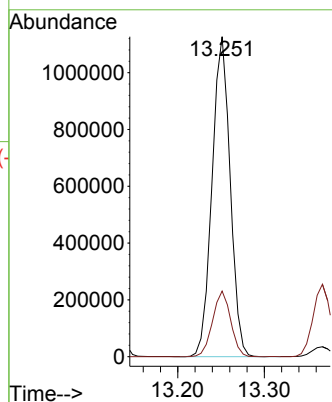
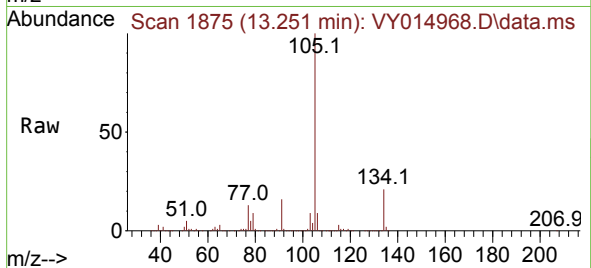
VSTDIC100

Tgt Ion:105 Resp: 1636344

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 99.652 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

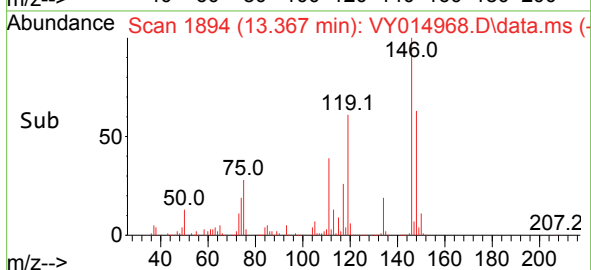
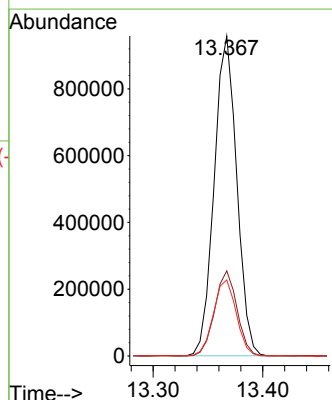
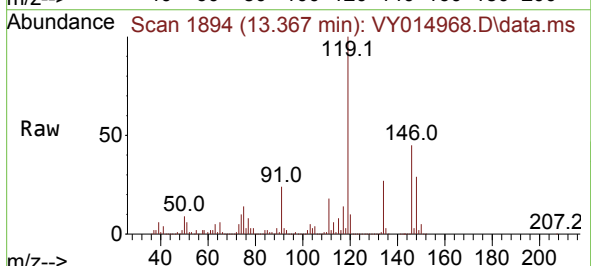
Tgt Ion:119 Resp: 1369283

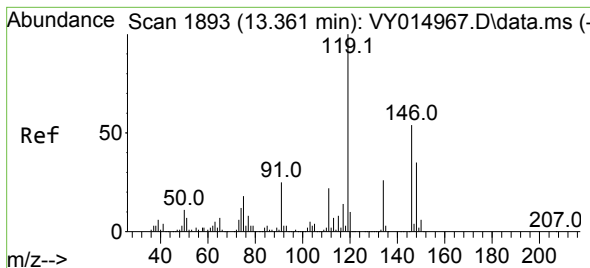
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 98.929 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

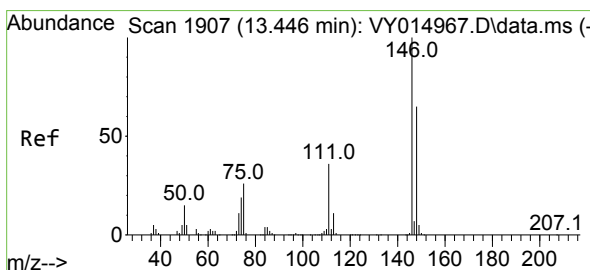
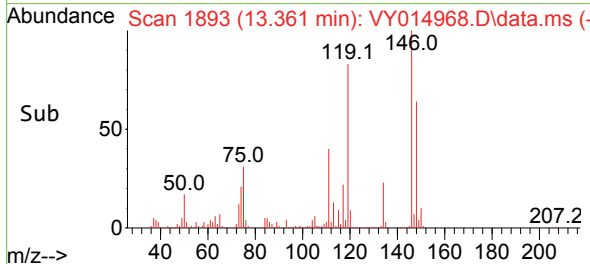
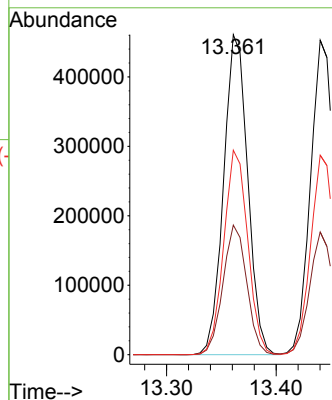
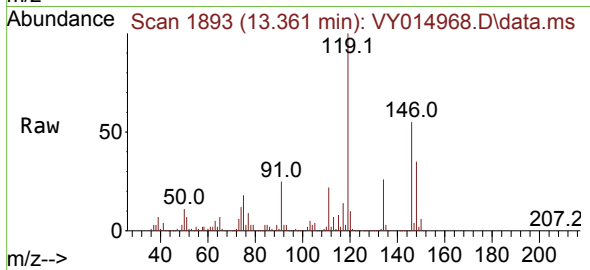
Tgt Ion:146 Resp: 704719

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 97.764 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

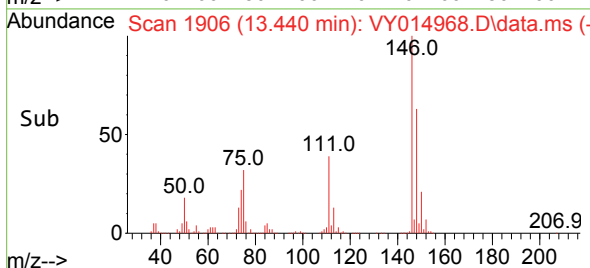
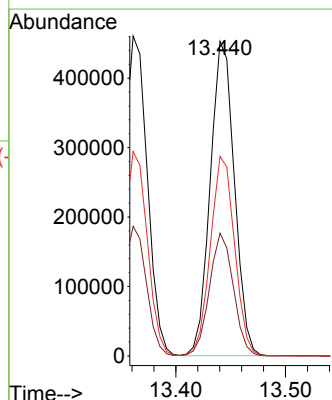
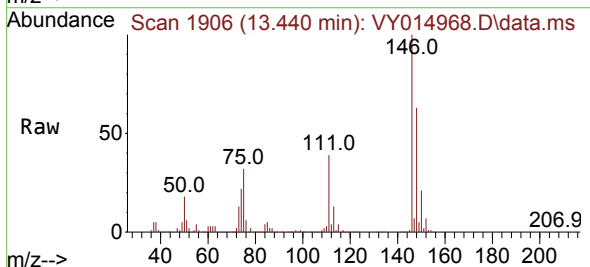
Tgt Ion:146 Resp: 694513

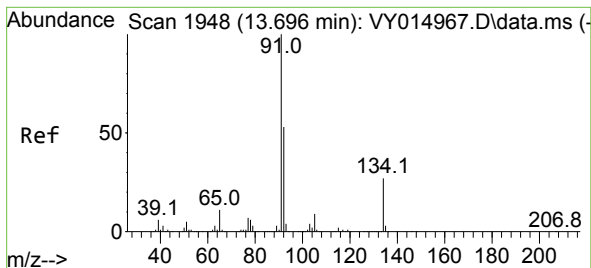
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 98.705 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

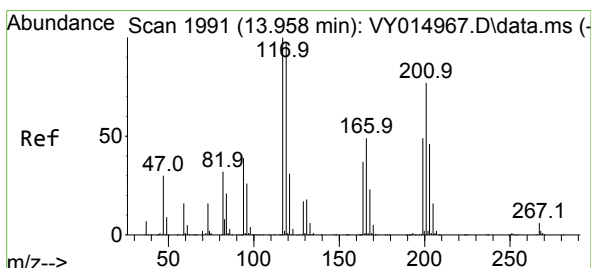
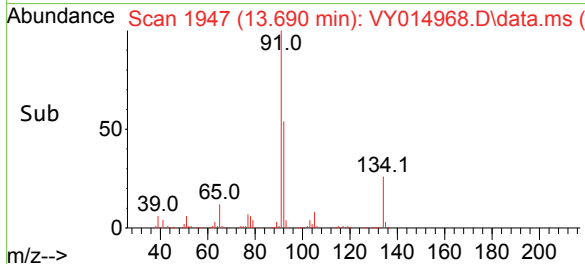
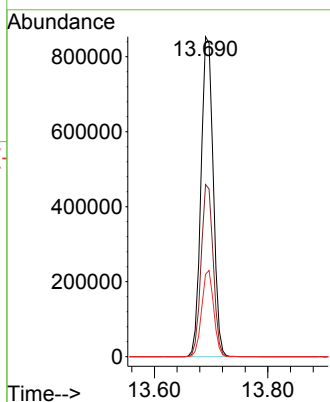
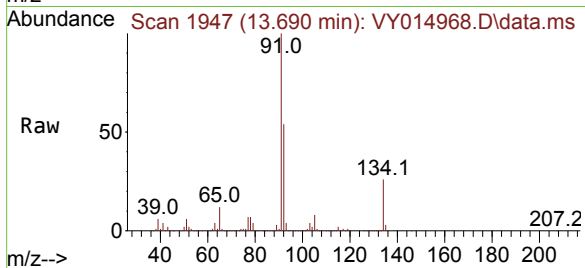
Tgt Ion: 91 Resp: 1274322

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 100.238 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014968.D

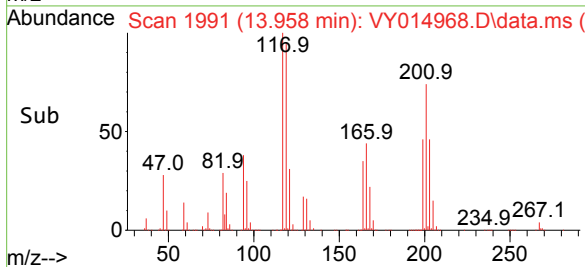
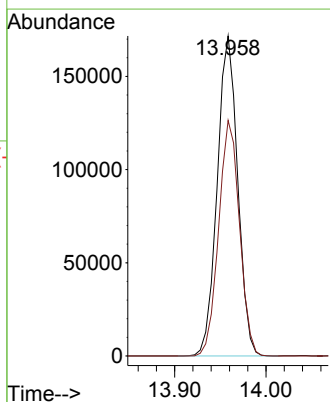
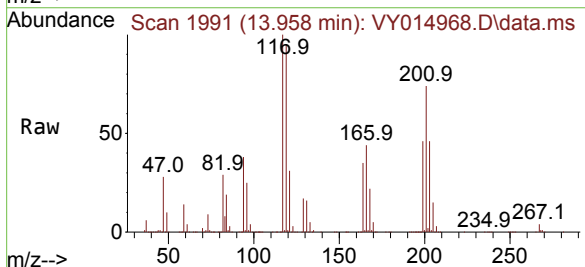
Acq: 07 Aug 2023 17:14

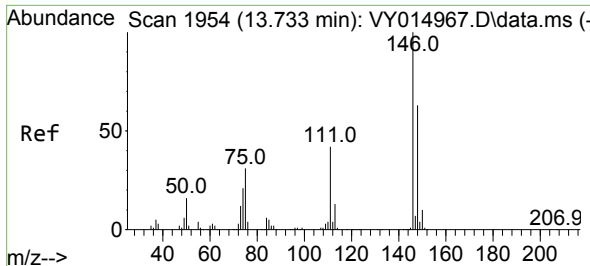
Tgt Ion: 117 Resp: 267470

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8

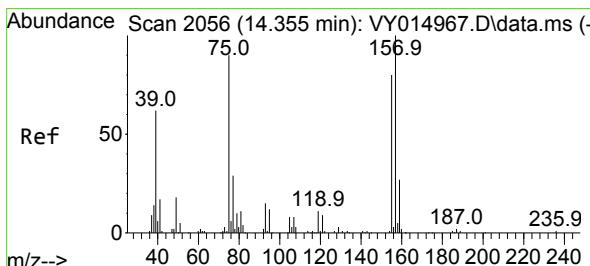
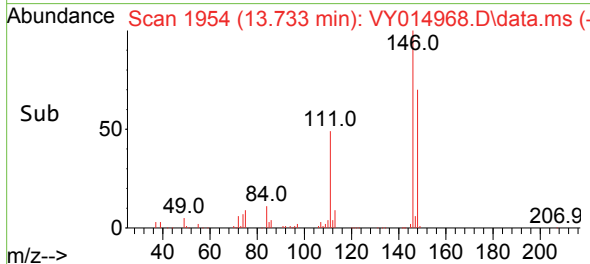
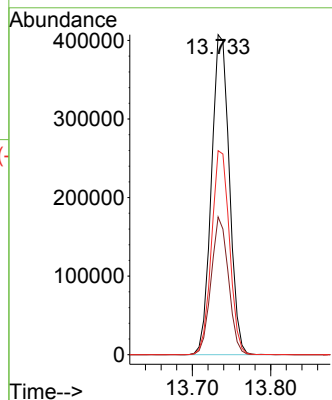
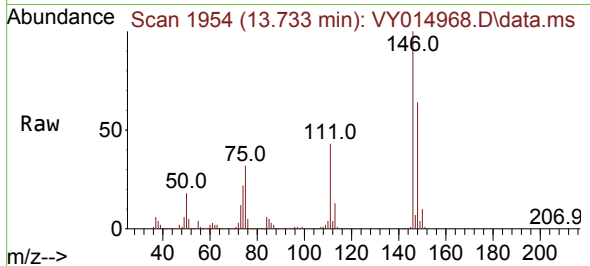




#91
 1,2-Dichlorobenzene
 Concen: 98.266 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.000 min
 Lab File: VY014968.D
 Acq: 07 Aug 2023 17:14

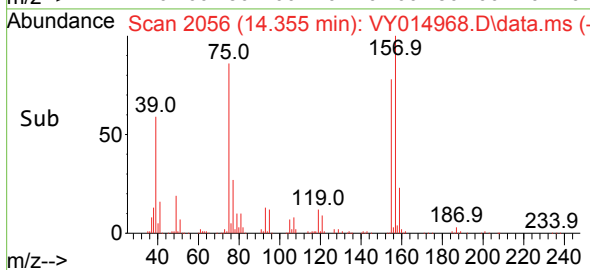
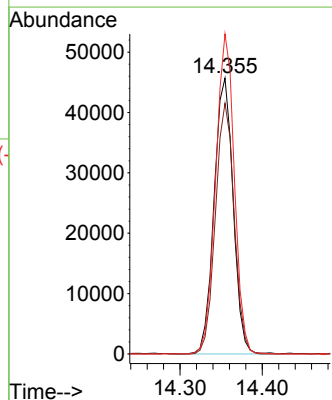
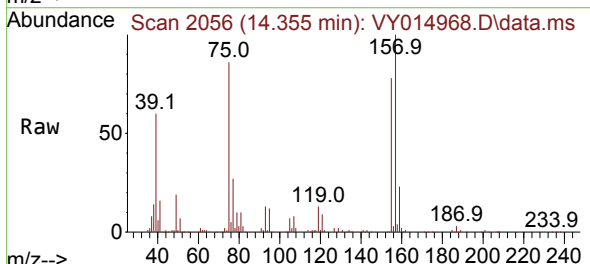
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

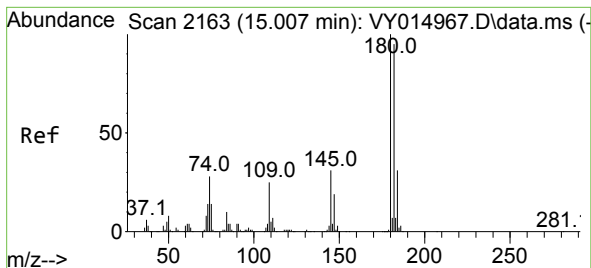
Tgt Ion:146 Resp: 646032
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.7 59.0
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.705 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014968.D
 Acq: 07 Aug 2023 17:14

Tgt Ion: 75 Resp: 73525
 Ion Ratio Lower Upper
 75 100
 155 89.6 41.5 124.6
 157 113.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 100.968 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

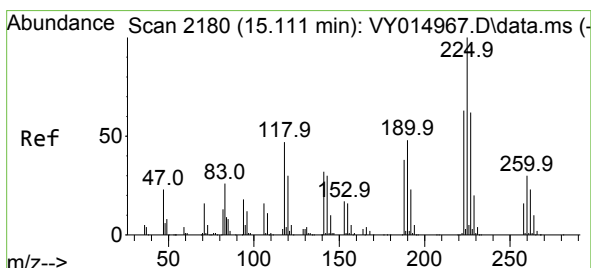
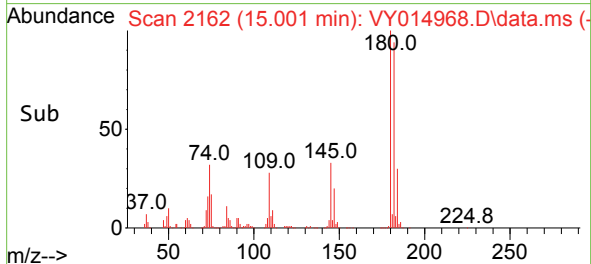
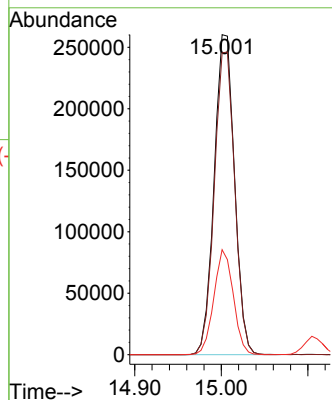
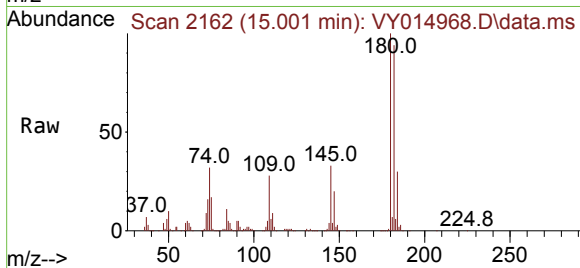
Tgt Ion:180 Resp: 424766

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 97.884 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

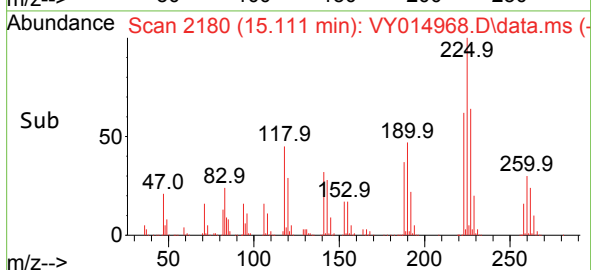
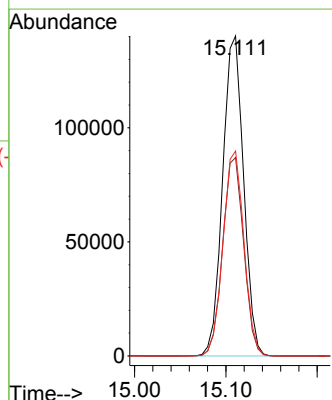
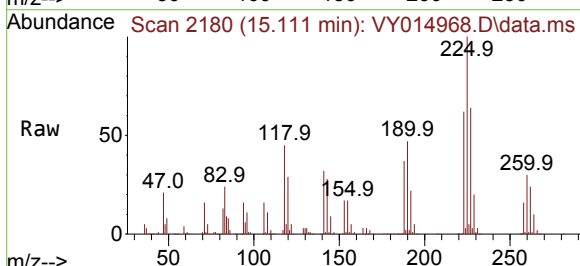
Tgt Ion:225 Resp: 223301

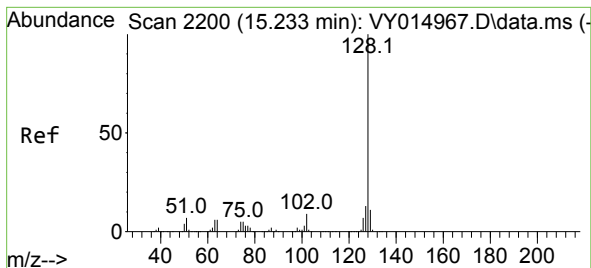
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 107.010 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

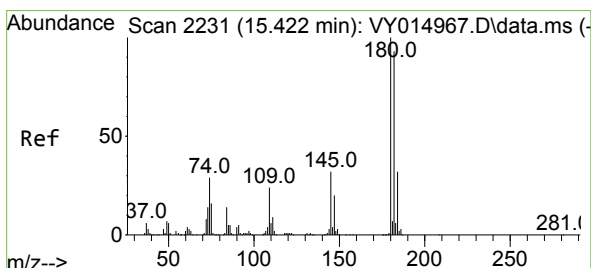
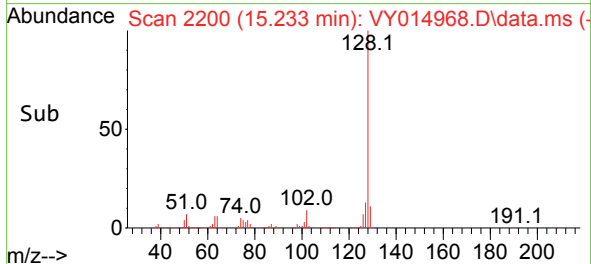
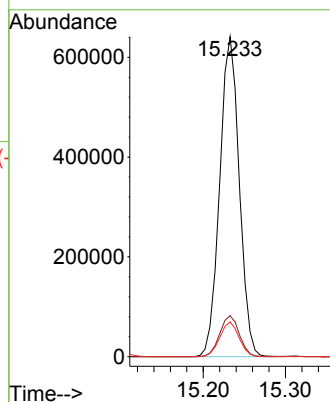
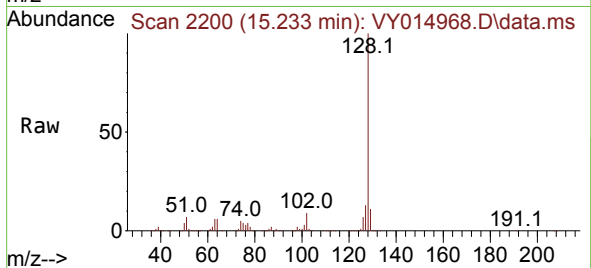
Tgt Ion:128 Resp: 1059262

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 101.914 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014968.D

Acq: 07 Aug 2023 17:14

Tgt Ion:180 Resp: 388087

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 32.6 15.4 46.2

