

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015059.D
 Acq On : 11 Aug 2023 16:14
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 12 04:45:36 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	291888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	471382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	423776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	111827	31.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.220%
35) Dibromofluoromethane	7.710	113	112470	37.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.620%
50) Toluene-d8	10.173	98	340938	29.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	59.440%
62) 4-Bromofluorobenzene	12.477	95	150387	36.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	61778	37.211	ug/l	100
3) Chloromethane	2.107	50	76012	33.090	ug/l	96
4) Vinyl Chloride	2.241	62	97973	34.613	ug/l	97
5) Bromomethane	2.631	94	73853	39.890	ug/l	99
6) Chloroethane	2.778	64	74317	38.026	ug/l	96
7) Trichlorofluoromethane	3.113	101	173145	38.709	ug/l	99
8) Diethyl Ether	3.521	74	67853	41.109	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	107025	40.419	ug/l	98
10) Methyl Iodide	4.076	142	102292	37.365	ug/l	98
11) Tert butyl alcohol	4.948	59	146782	171.914	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	86129	37.331	ug/l	95
13) Acrolein	3.717	56	16070	55.327	ug/l	99
14) Allyl chloride	4.466	41	154080	40.104	ug/l	97
15) Acrylonitrile	5.149	53	232116	230.187	ug/l	99
16) Acetone	3.936	43	311797	282.633	ug/l	93
17) Carbon Disulfide	4.180	76	127577	25.010	ug/l	99
18) Methyl Acetate	4.466	43	173184	43.108	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	393317	45.060	ug/l	99
20) Methylene Chloride	4.698	84	134597	24.622	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	97489	37.071	ug/l	96
22) Diisopropyl ether	6.106	45	405657	45.330	ug/l	94
23) Vinyl Acetate	6.045	43	1212373	225.367	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	214400	42.238	ug/l	97
25) 2-Butanone	6.978	43	405008	256.319	ug/l	97
26) 2,2-Dichloropropane	6.972	77	219806	42.795	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	141199	42.427	ug/l	96
28) Bromochloromethane	7.326	49	121829	53.241	ug/l	92
29) Tetrahydrofuran	7.338	42	215006	232.038	ug/l	92
30) Chloroform	7.496	83	248589	45.083	ug/l	96
31) Cyclohexane	7.777	56	133629	35.495	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	215059	44.256	ug/l	99
36) 1,1-Dichloropropene	7.911	75	147960	39.536	ug/l	99
37) Ethyl Acetate	7.063	43	139379	46.920	ug/l	96
38) Carbon Tetrachloride	7.893	117	182337	43.339	ug/l	98
39) Methylcyclohexane	9.179	83	161923	36.383	ug/l	92
40) Benzene	8.155	78	456621	41.436	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	198404	137.435	ug/l #	28
42) 1,2-Dichloroethane	8.228	62	169187	44.106	ug/l	95
43) Isopropyl Acetate	8.264	43	258899	46.910	ug/l	98
44) Trichloroethene	8.935	130	132103	41.778	ug/l	100
45) 1,2-Dichloropropane	9.209	63	130299	44.490	ug/l	100
46) Dibromomethane	9.301	93	83458	44.235	ug/l	97
47) Bromodichloromethane	9.490	83	204265	47.015	ug/l	97
48) Methyl methacrylate	9.289	41	111314	45.968	ug/l	94
49) 1,4-Dioxane	9.289	88	31838	907.240	ug/l #	49
51) 4-Methyl-2-Pentanone	10.063	43	819046	263.340	ug/l	95
52) Toluene	10.240	92	301981	42.583	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	209294	46.258	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	218471	44.693	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	127877	46.634	ug/l	95
56) Ethyl methacrylate	10.502	69	185906	47.347	ug/l	92
57) 1,3-Dichloropropane	10.788	76	207691	45.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	306620	165.156	ug/l	94
59) 2-Hexanone	10.825	43	591343	257.377	ug/l	92
60) Dibromochloromethane	10.977	129	157524	48.246	ug/l	100
61) 1,2-Dibromoethane	11.087	107	119849	45.790	ug/l	99
64) Tetrachloroethene	10.715	164	145350	45.597	ug/l	96
65) Chlorobenzene	11.514	112	363440	45.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	152841	48.507	ug/l	99
67) Ethyl Benzene	11.587	91	625970	44.357	ug/l	98
68) m/p-Xylenes	11.697	106	474707	87.932	ug/l	96
69) o-Xylene	12.026	106	237878	45.031	ug/l	99
70) Styrene	12.038	104	418738	46.383	ug/l	98
71) Bromoform	12.203	173	107703	49.590	ug/l #	98
73) Isopropylbenzene	12.325	105	654089	44.279	ug/l	100
74) N-amyl acetate	12.142	43	236824	46.923	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	168797	46.758	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	220899	83.892	ug/l #	100
77) Bromobenzene	12.605	156	159114	44.406	ug/l	97
78) n-propylbenzene	12.666	91	774126	43.815	ug/l	99
79) 2-Chlorotoluene	12.751	91	451076	44.796	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	550475	45.220	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	56035	46.882	ug/l	98
82) 4-Chlorotoluene	12.849	91	465519	44.720	ug/l	98
83) tert-Butylbenzene	13.069	119	514817	46.230	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	553777	45.405	ug/l	98
85) sec-Butylbenzene	13.251	105	747261	45.721	ug/l	100
86) p-Isopropyltoluene	13.367	119	629335	46.518	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	323719	46.156	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	323846	46.300	ug/l	99
89) n-Butylbenzene	13.696	91	594015	46.731	ug/l	96
90) Hexachloroethane	13.959	117	123304	46.933	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	304456	47.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34279	48.633	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	201578	48.666	ug/l	99
94) Hexachlorobutadiene	15.111	225	109356	48.687	ug/l	98
95) Naphthalene	15.233	128	491005	50.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	182527	48.683	ug/l	99

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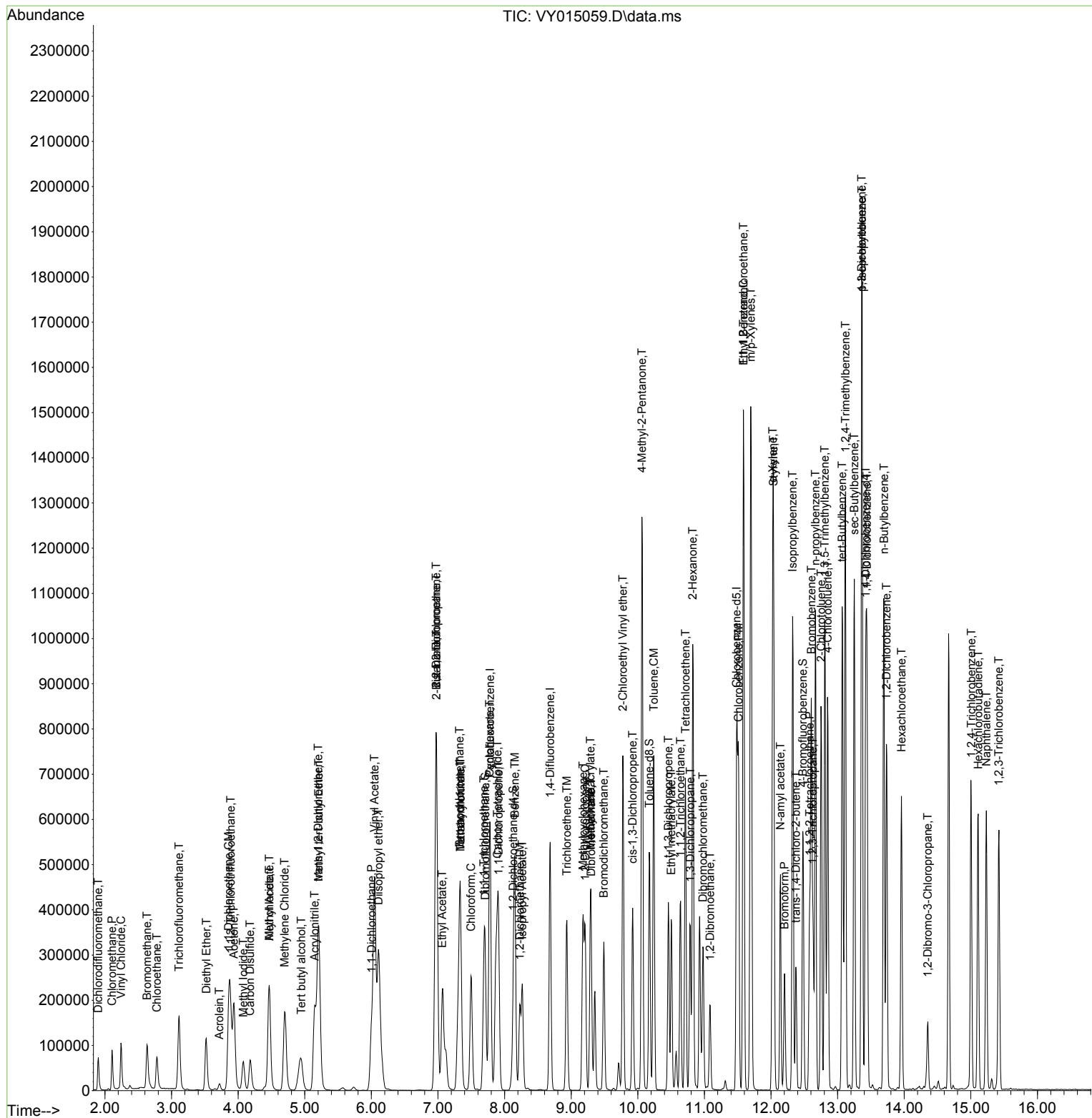
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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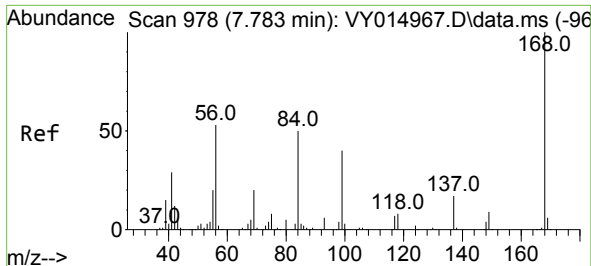
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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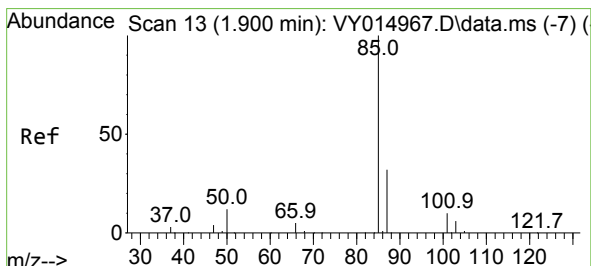
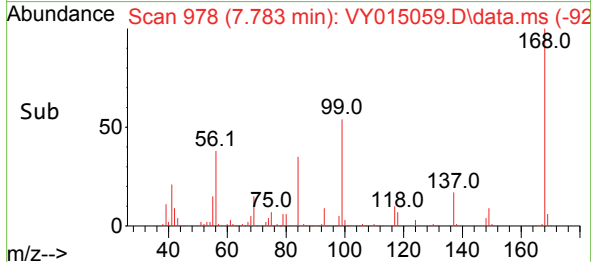
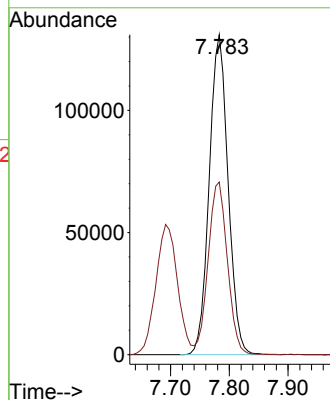
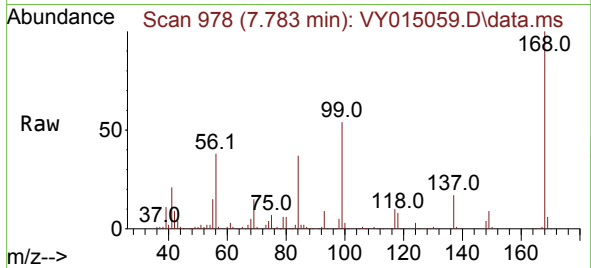




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015059.D
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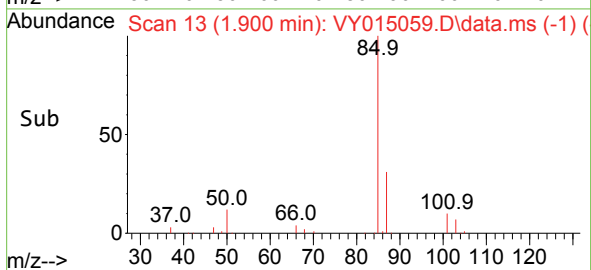
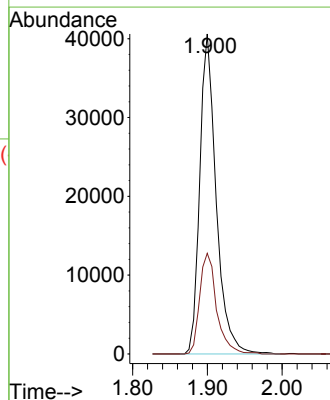
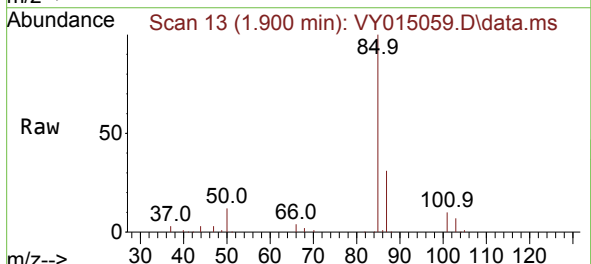
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

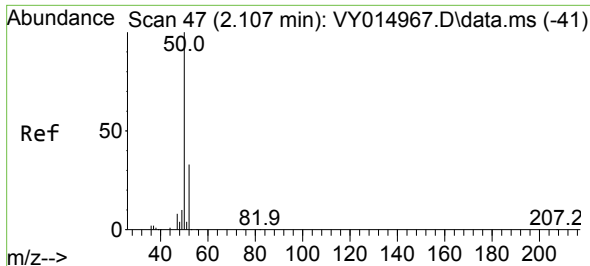
Tgt Ion:168 Resp: 291888
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 37.211 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 85 Resp: 61778
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8

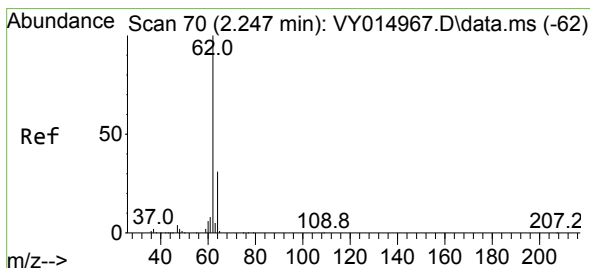
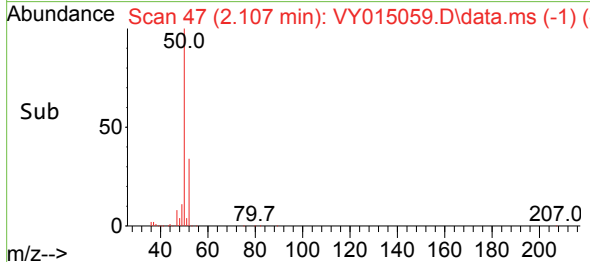
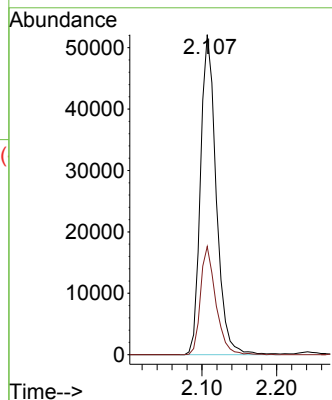
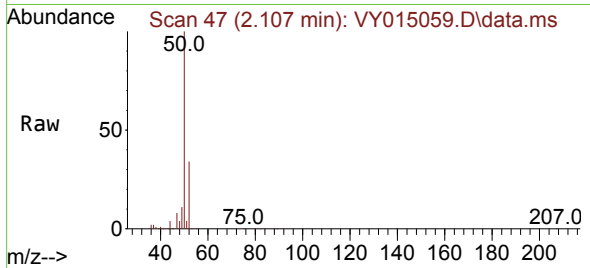




#3
Chloromethane
Concen: 33.090 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

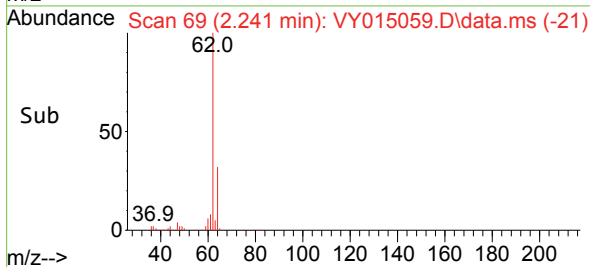
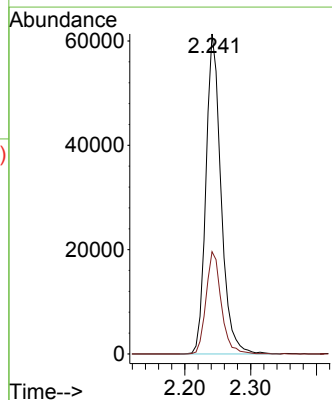
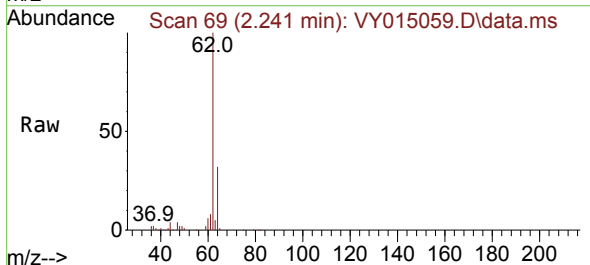
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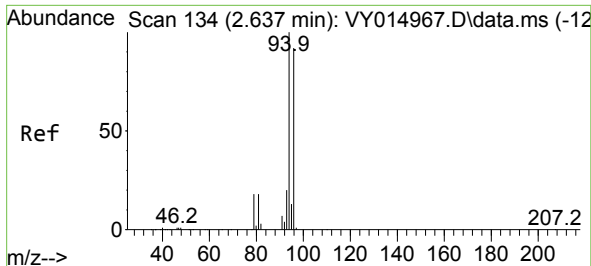
Tgt Ion: 50 Resp: 76012
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 34.613 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 62 Resp: 97973
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

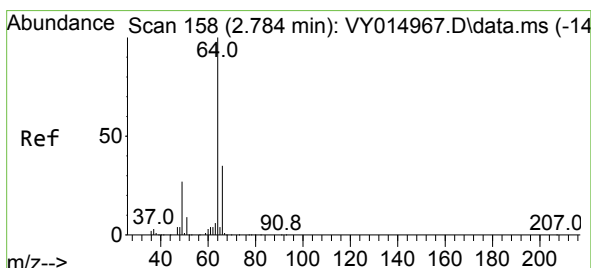
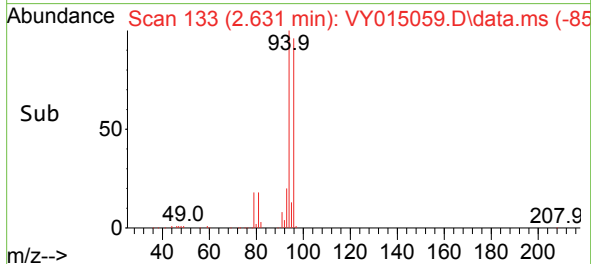
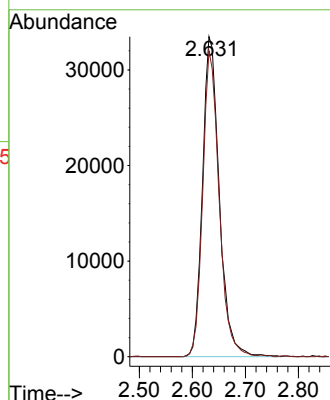
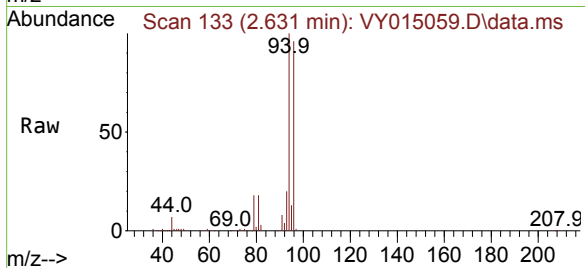




#5
Bromomethane
Concen: 39.890 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015059.D
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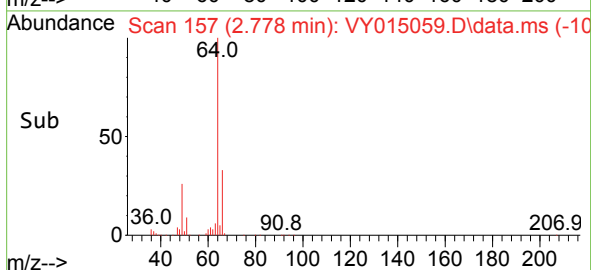
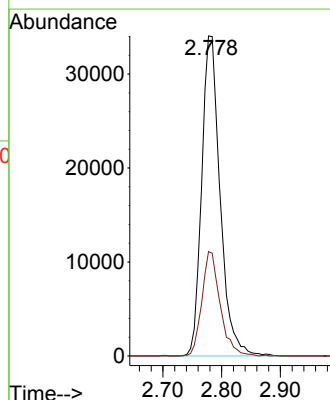
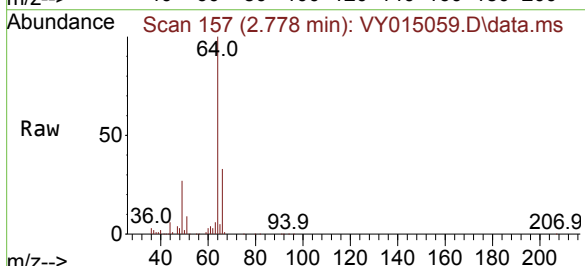
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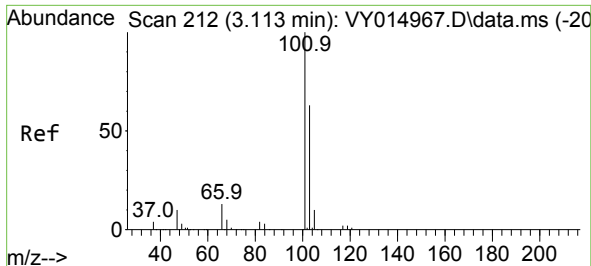
Tgt Ion: 94 Resp: 73853
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.6



#6
Chloroethane
Concen: 38.026 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 64 Resp: 74317
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

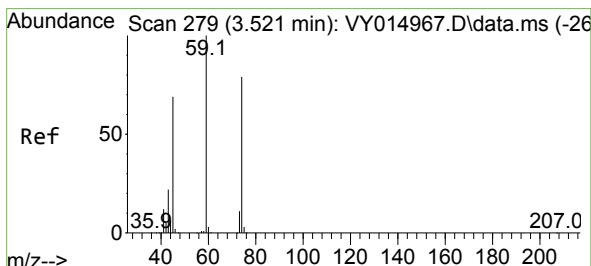
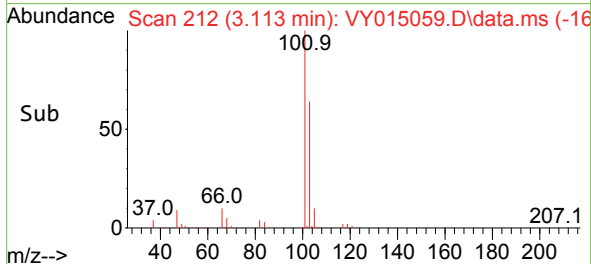
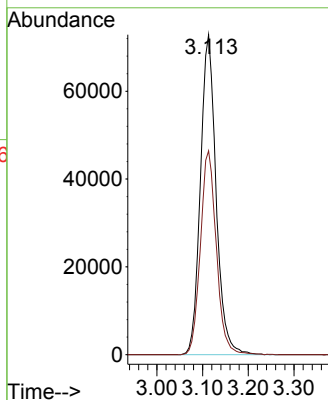
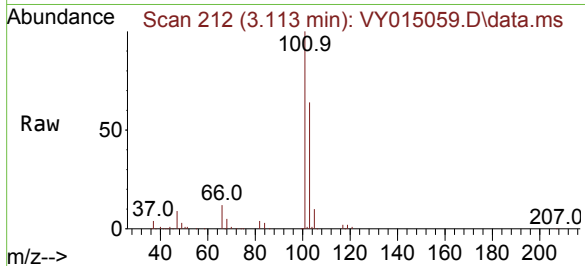




#7
 Trichlorofluoromethane
 Concen: 38.709 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY015059.D
 Acq: 11 Aug 2023 16:14

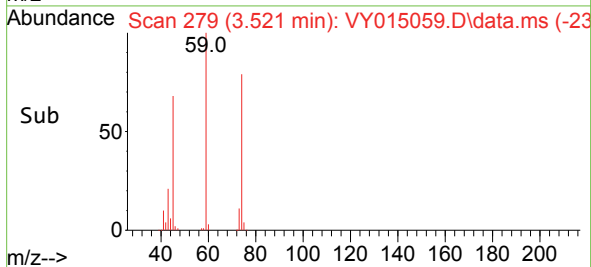
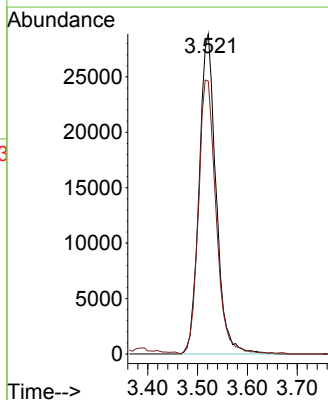
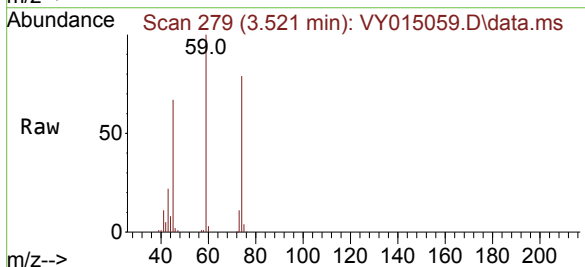
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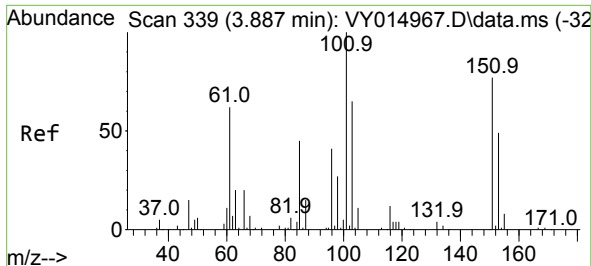
Tgt Ion:101 Resp: 173145
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 41.109 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 67853
 Ion Ratio Lower Upper
 74 100
 45 89.5 51.5 154.5

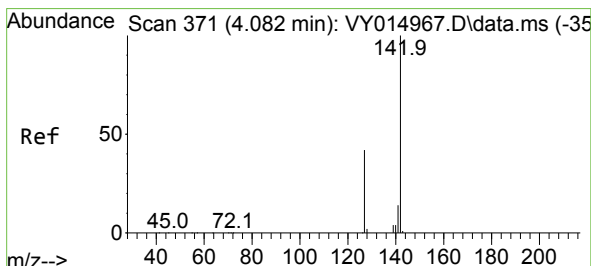
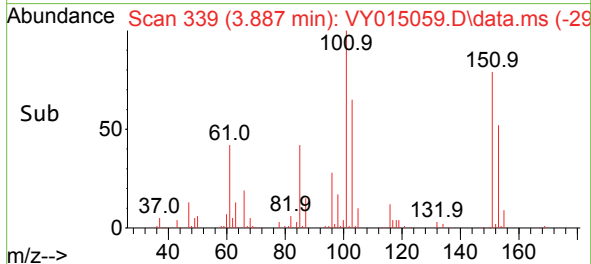
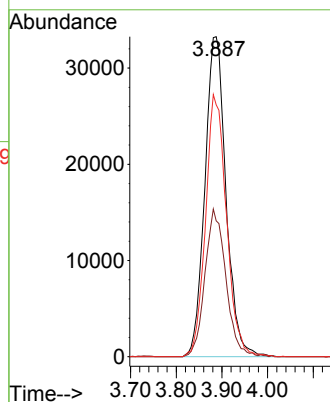
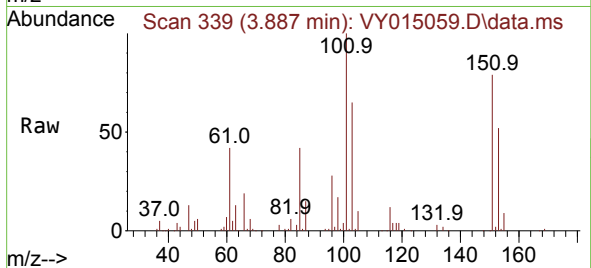




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.419 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

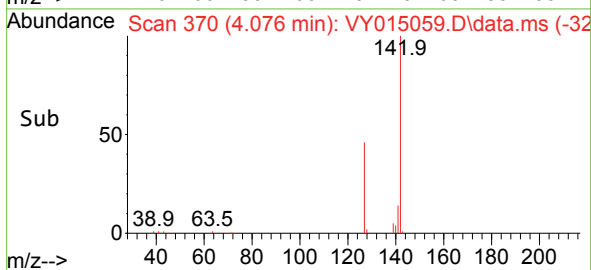
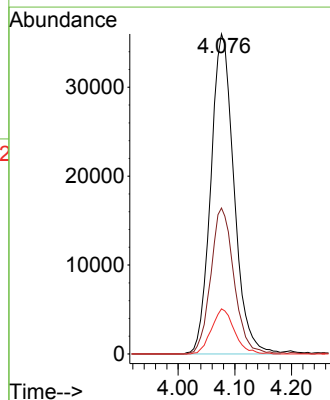
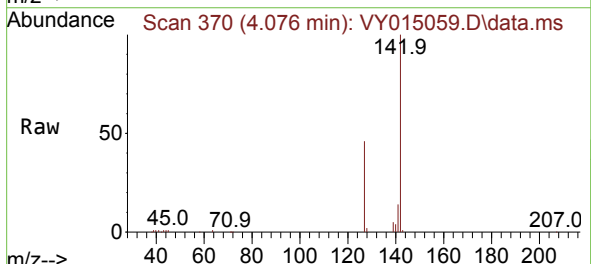
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

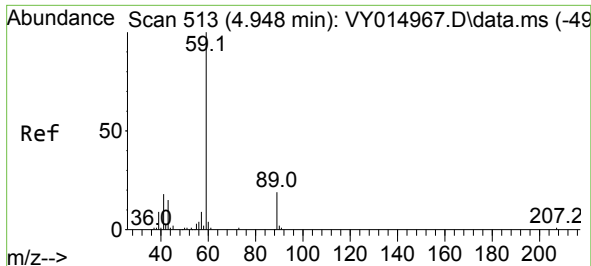
Tgt Ion:101 Resp: 107025
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 81.0 67.0 100.6



#10
Methyl Iodide
Concen: 37.365 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion:142 Resp: 102292
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 14.0 11.8 17.8

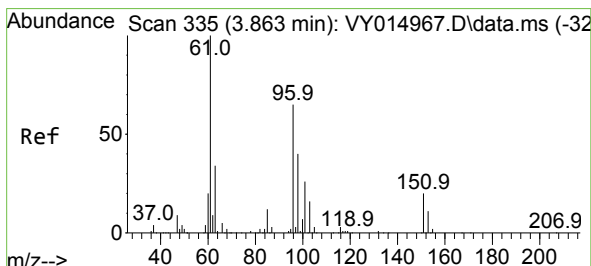
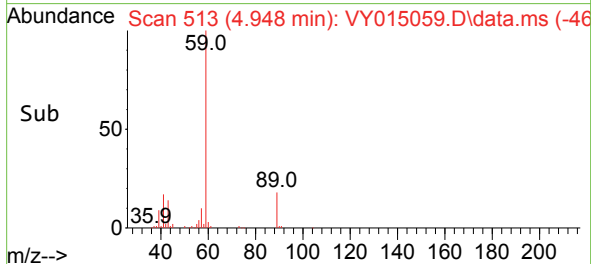
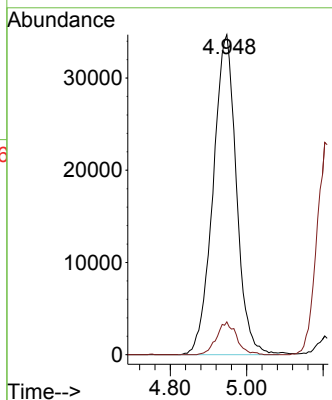
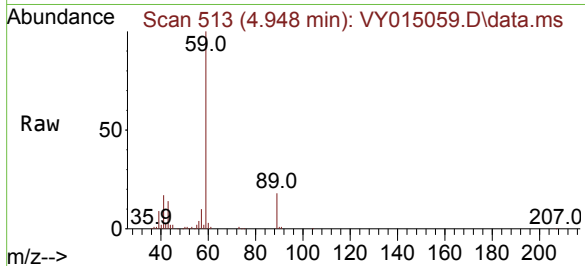




#11
Tert butyl alcohol
Concen: 171.914 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

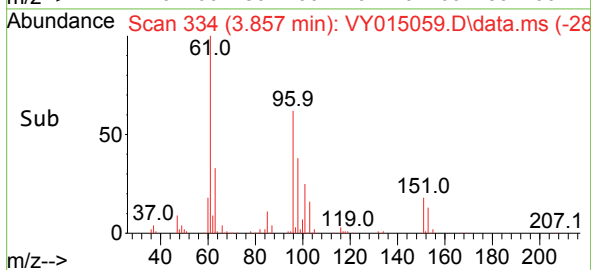
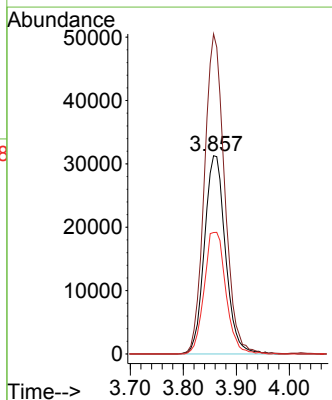
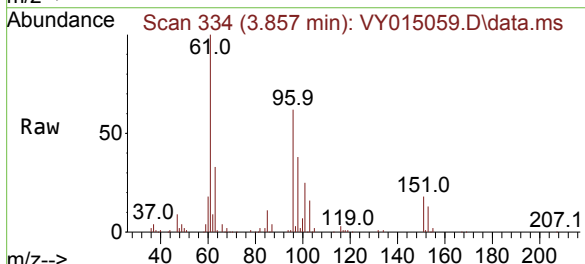
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

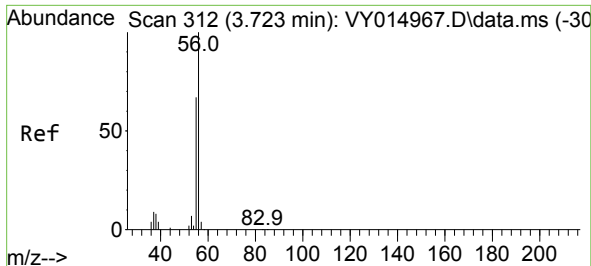
Tgt Ion: 59 Resp: 146782
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 37.331 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 96 Resp: 86129
Ion Ratio Lower Upper
96 100
61 161.4 136.4 204.6
98 61.3 49.4 74.2





#13

Acrolein

Concen: 55.327 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

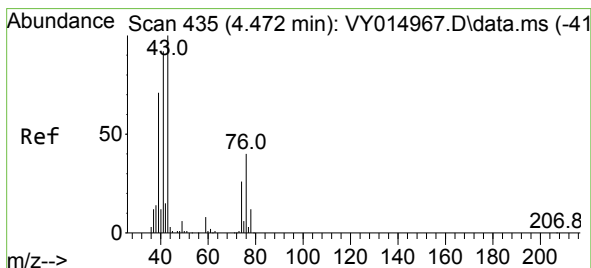
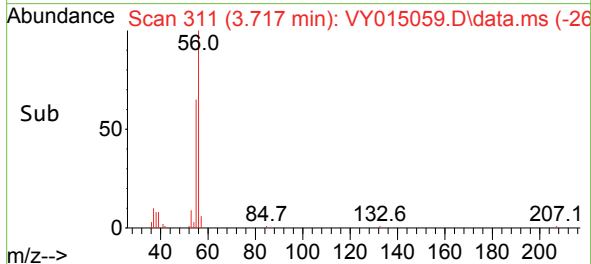
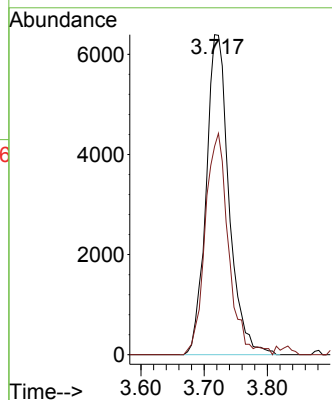
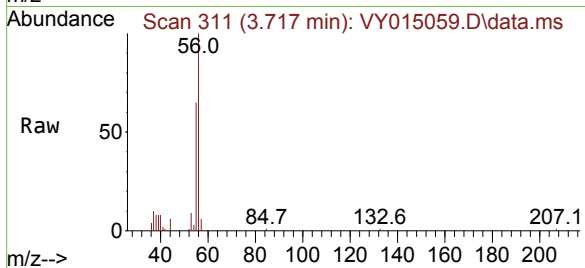
VSTDCCC050EC

Tgt Ion: 56 Resp: 16070

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 40.104 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

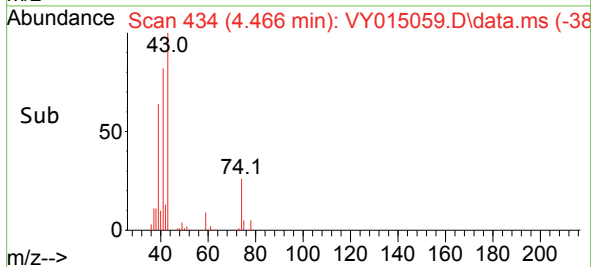
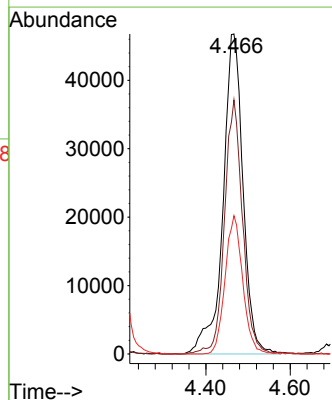
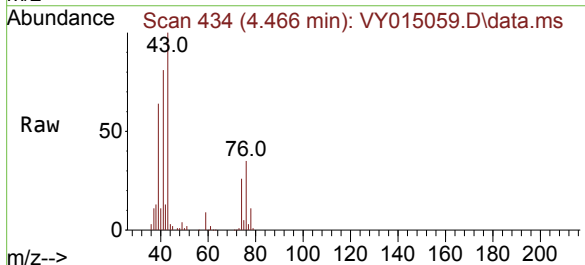
Tgt Ion: 41 Resp: 154080

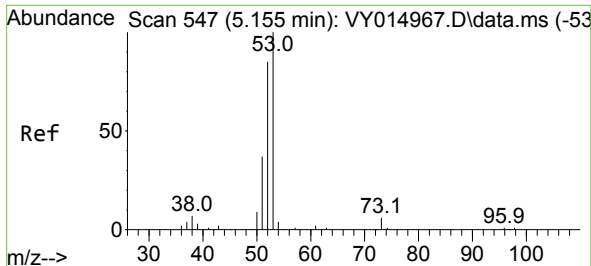
Ion Ratio Lower Upper

41 100

39 71.3 58.0 87.0

76 38.0 27.4 41.2

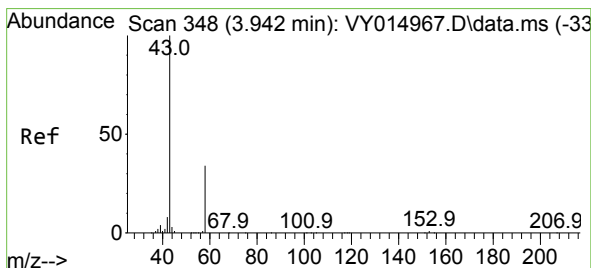
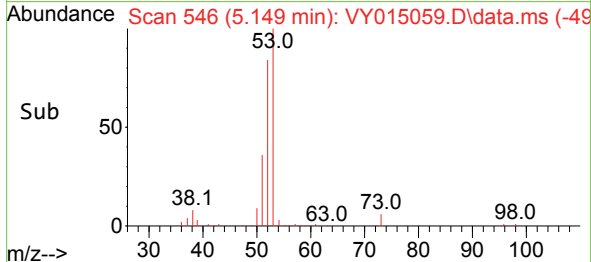
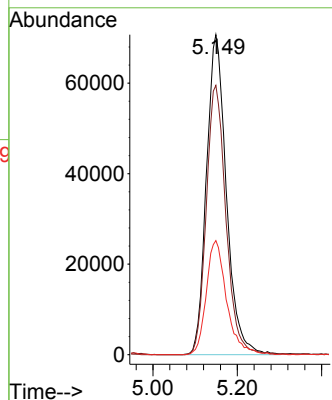
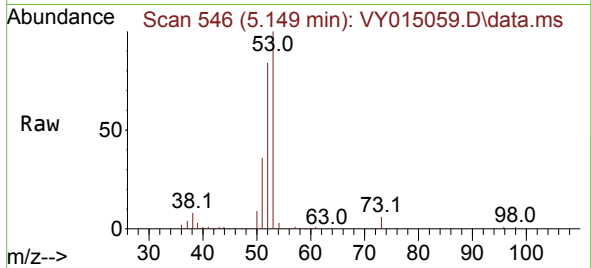




#15
Acrylonitrile
Concen: 230.187 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

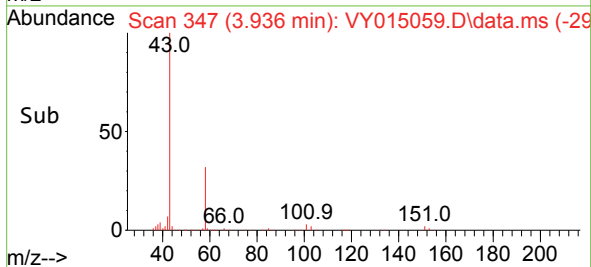
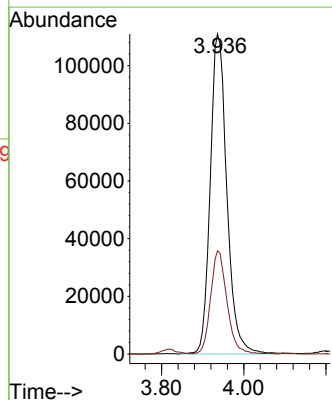
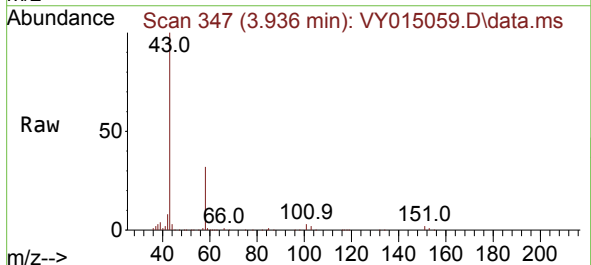
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

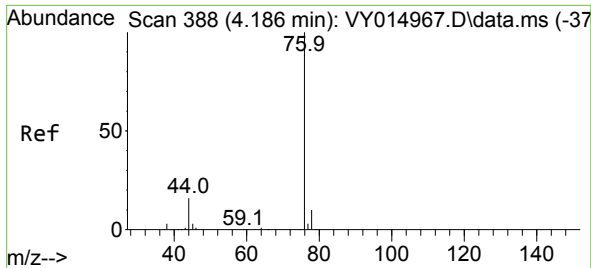
Tgt Ion: 53 Resp: 232116
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 282.633 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 43 Resp: 311797
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

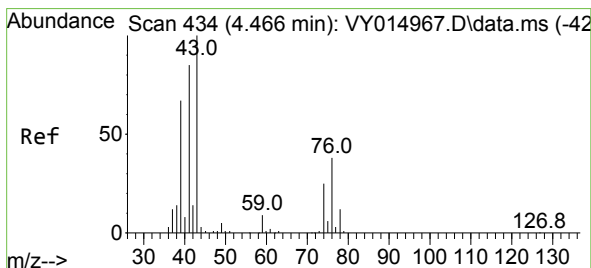
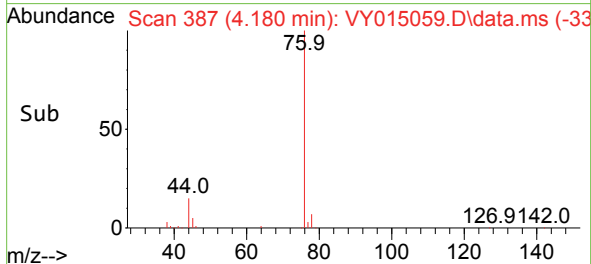
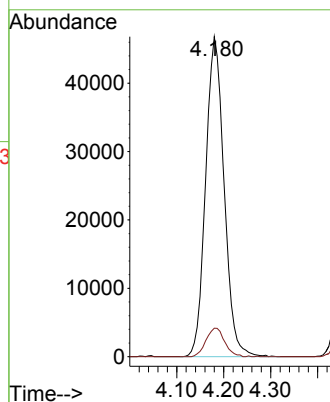
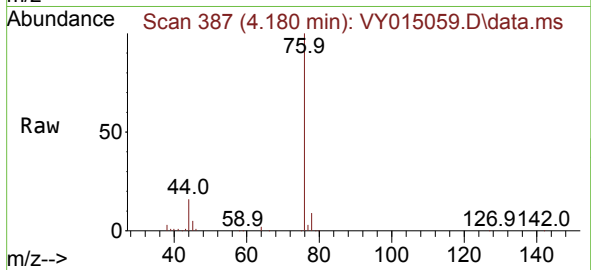




#17
Carbon Disulfide
Concen: 25.010 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

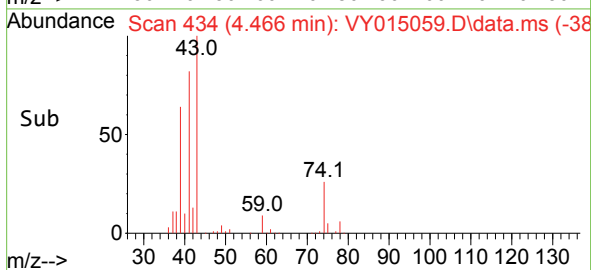
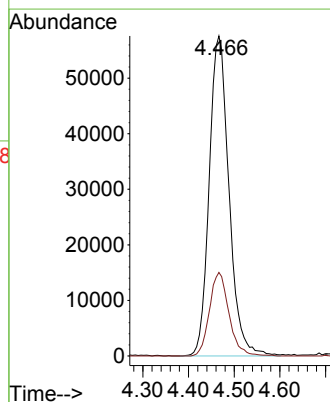
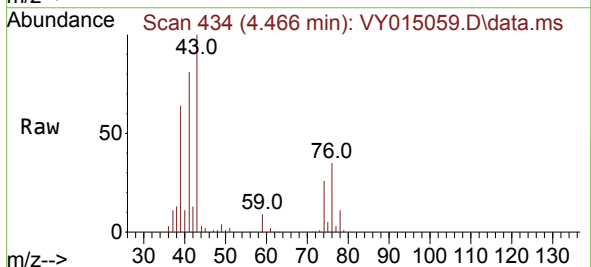
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

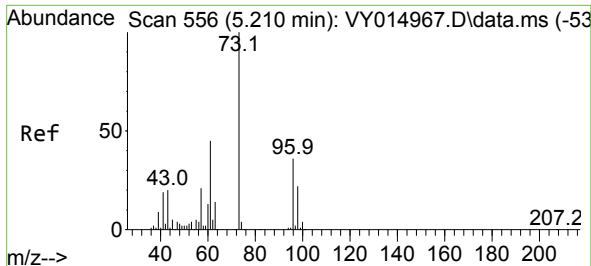
Tgt Ion: 76 Resp: 127577
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 43.108 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 43 Resp: 173184
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 45.060 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

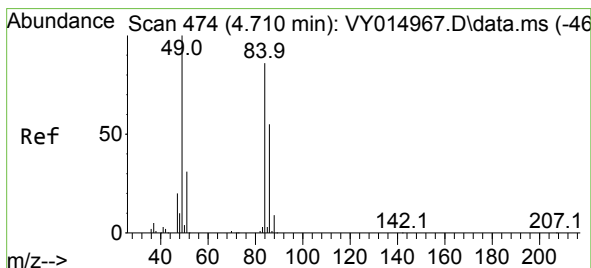
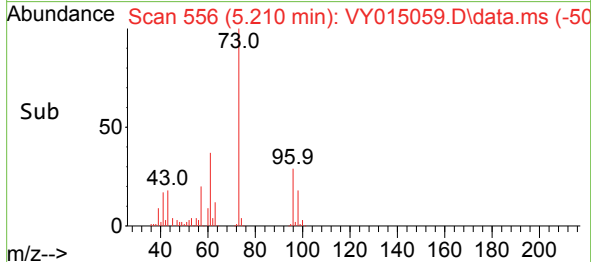
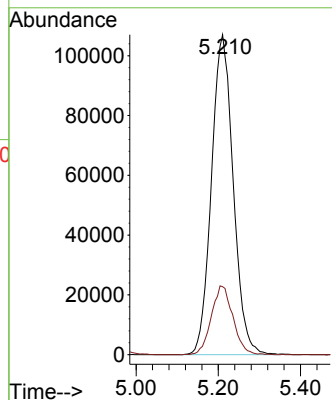
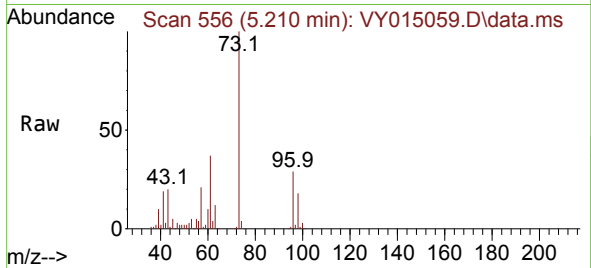
VSTDCCC050EC

Tgt Ion: 73 Resp: 393317

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 24.622 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.012 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Tgt Ion: 84 Resp: 134597

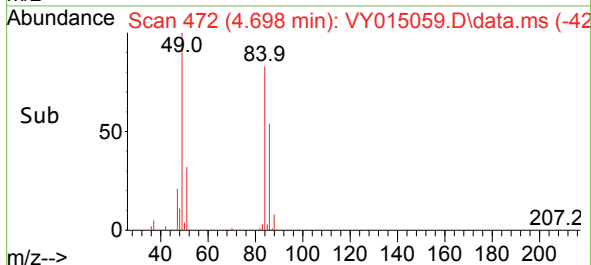
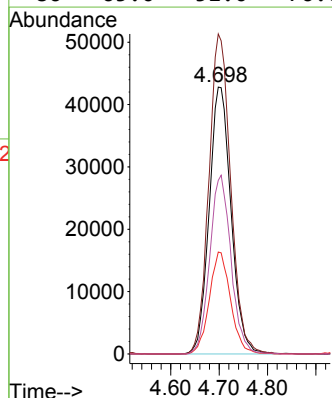
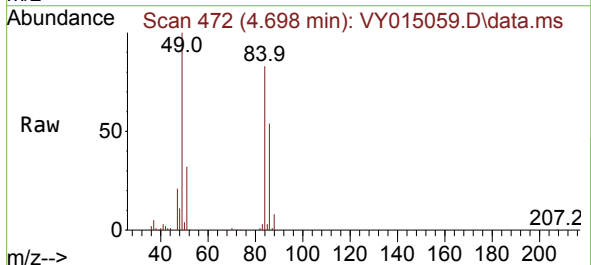
Ion Ratio Lower Upper

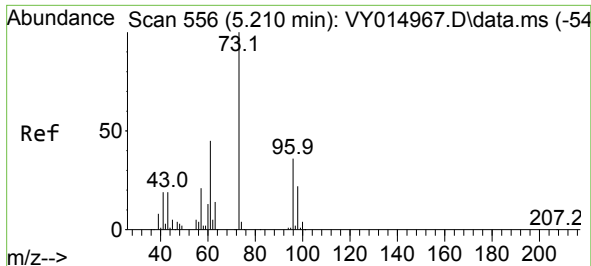
84 100

49 119.9 106.9 160.3

51 38.2 33.2 49.8

86 65.0 51.0 76.6

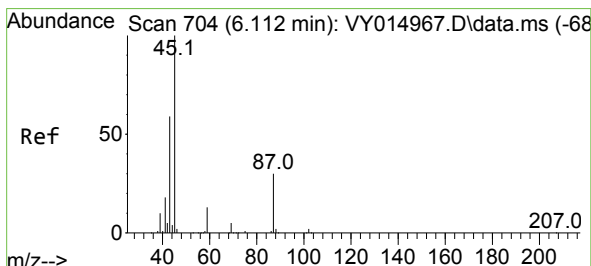
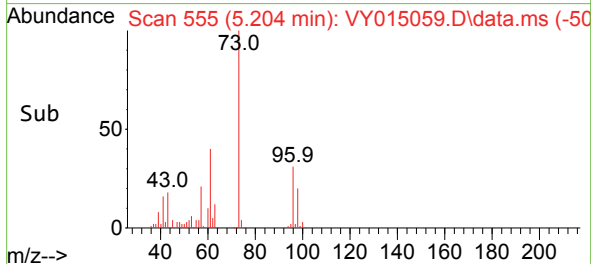
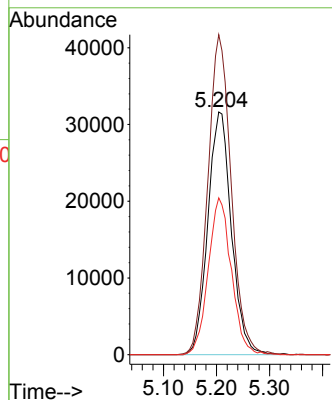
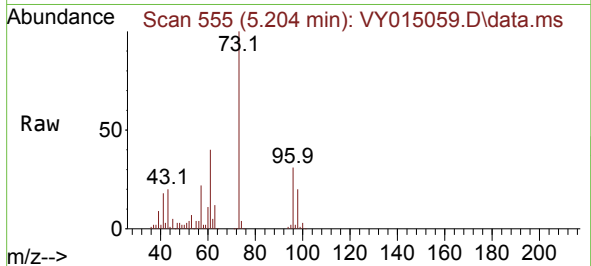




#21
trans-1,2-Dichloroethene
Concen: 37.071 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

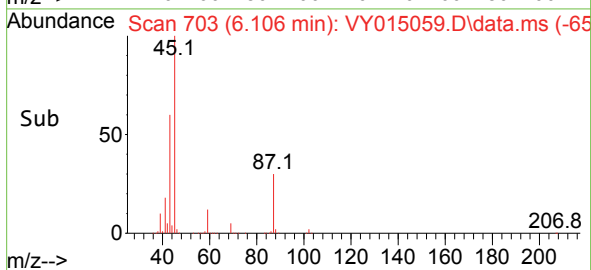
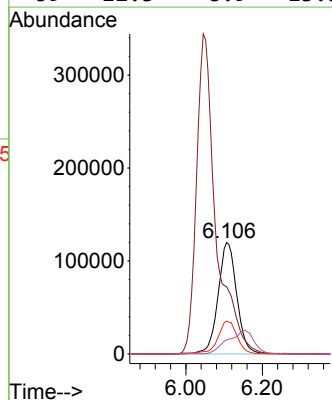
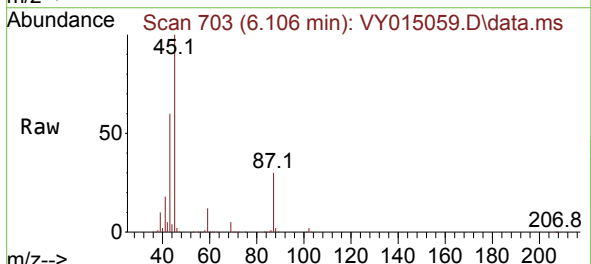
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

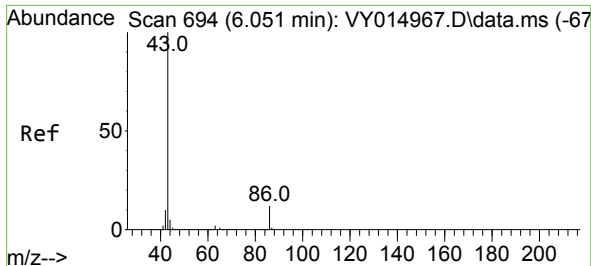
Tgt Ion: 96 Resp: 97489
Ion Ratio Lower Upper
96 100
61 131.6 110.2 165.4
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 45.330 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 45 Resp: 405657
Ion Ratio Lower Upper
45 100
43 60.0 52.2 78.4
87 29.4 21.0 31.6
59 12.3 8.9 13.3

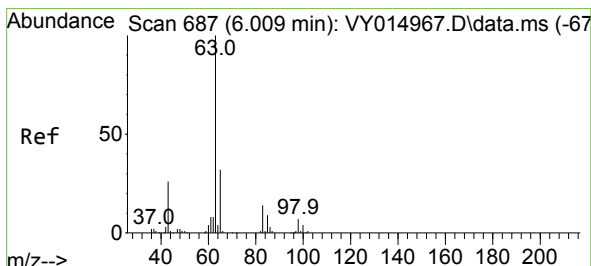
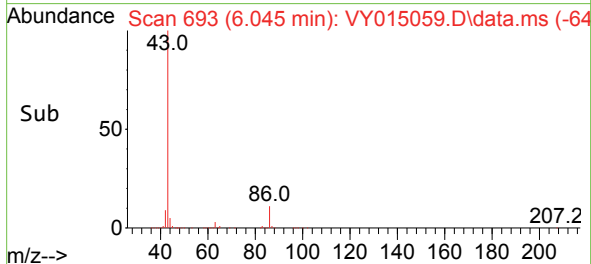
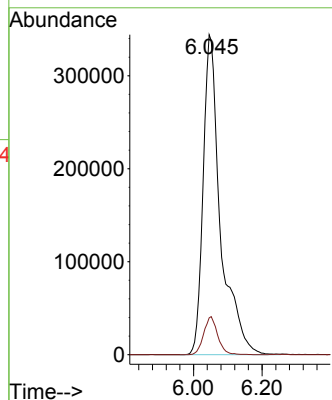
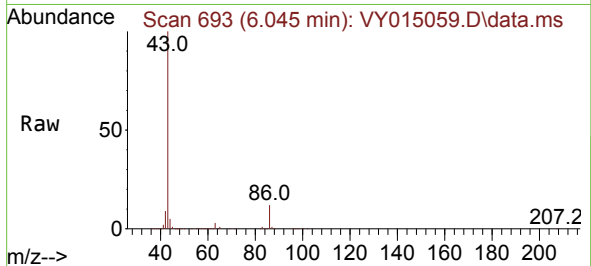




#23
 Vinyl Acetate
 Concen: 225.367 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY015059.D
 Acq: 11 Aug 2023 16:14

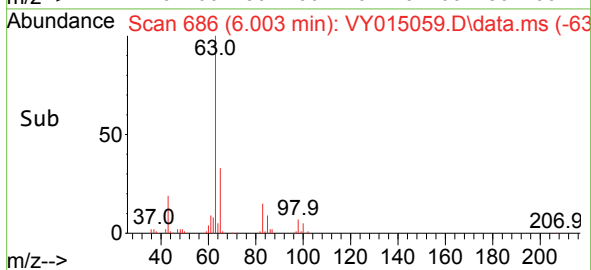
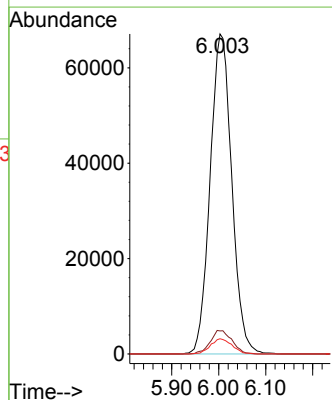
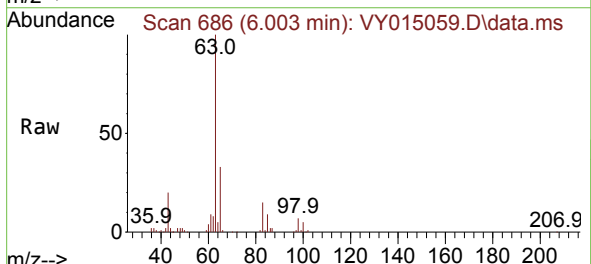
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

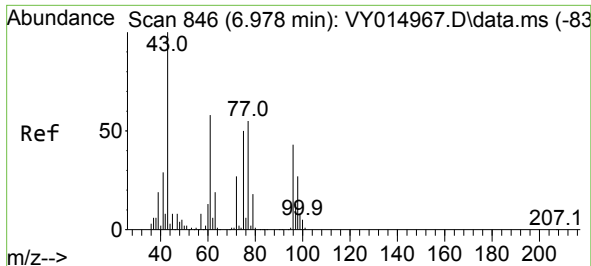
Tgt Ion: 43 Resp: 1212373
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 42.238 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY015059.D
 Acq: 11 Aug 2023 16:14

Tgt Ion: 63 Resp: 214400
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.8 1.8 5.5

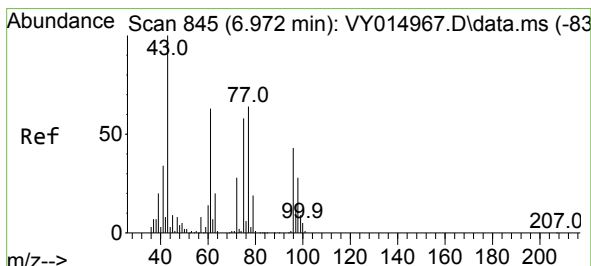
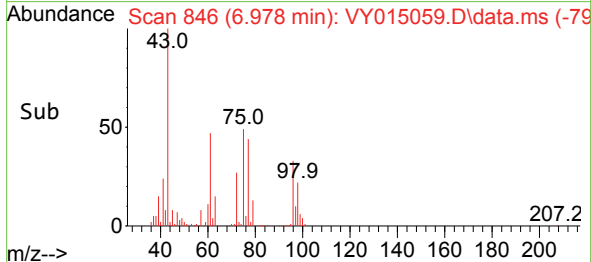
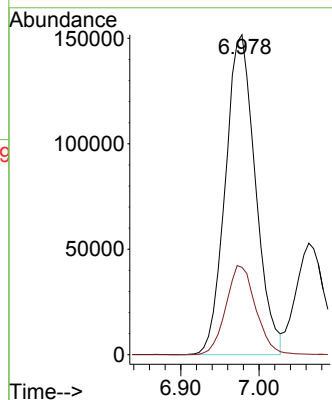
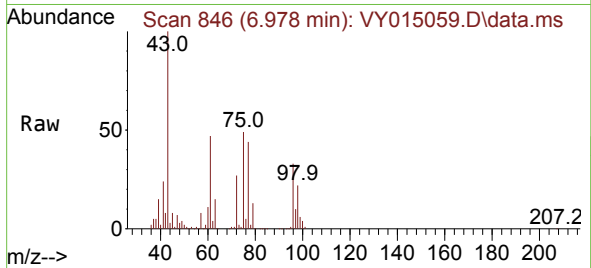




#25
2-Butanone
Concen: 256.319 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

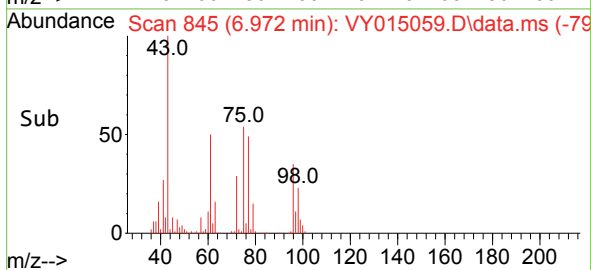
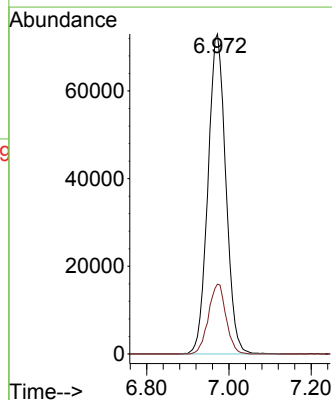
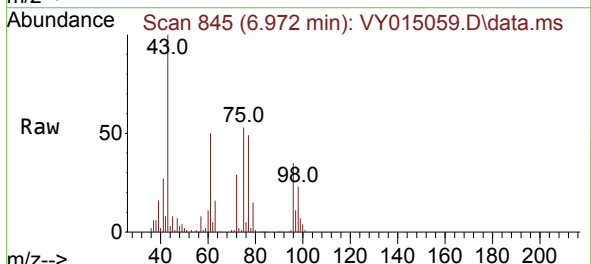
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

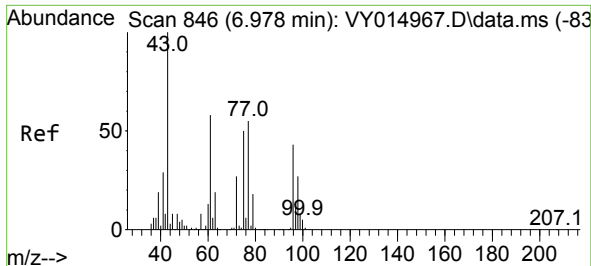
Tgt Ion: 43 Resp: 405008
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 42.795 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 77 Resp: 219806
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9

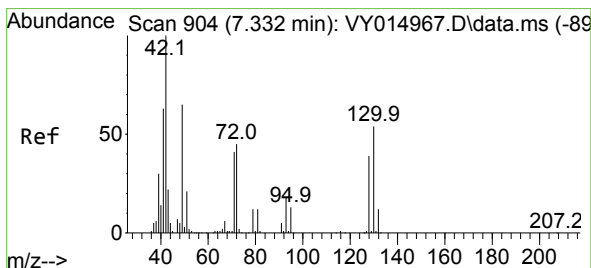
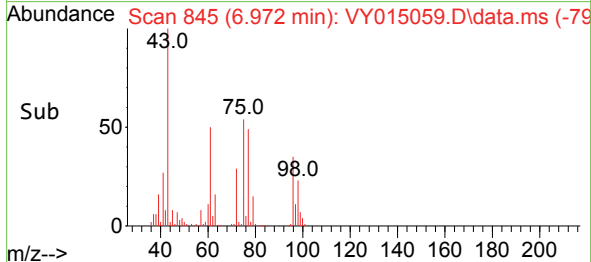
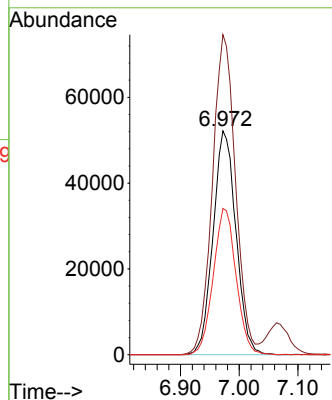
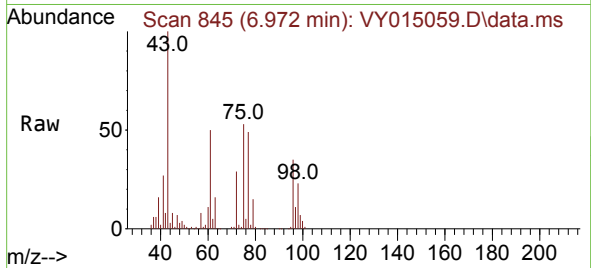




#27
 cis-1,2-Dichloroethene
 Concen: 42.427 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY015059.D
 Acq: 11 Aug 2023 16:14

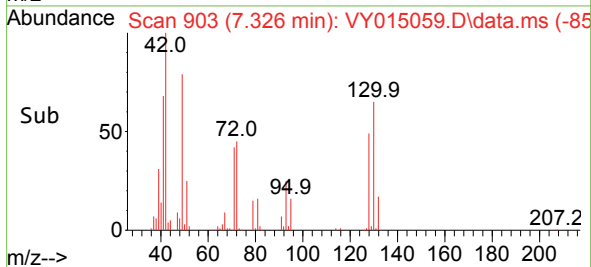
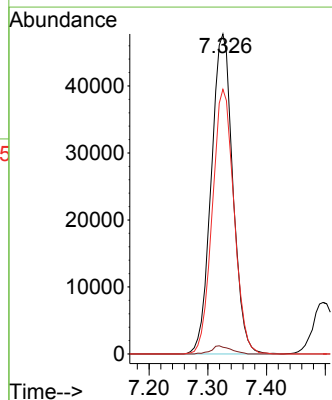
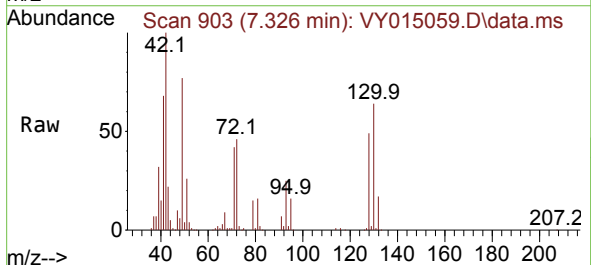
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

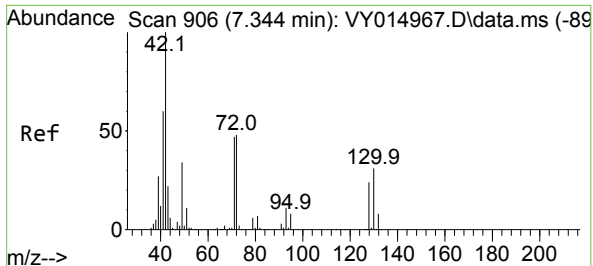
Tgt Ion: 96 Resp: 141199
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 301.4
 98 65.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 53.241 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY015059.D
 Acq: 11 Aug 2023 16:14

Tgt Ion: 49 Resp: 121829
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 82.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 232.038 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

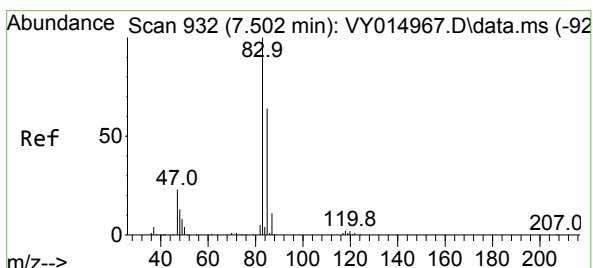
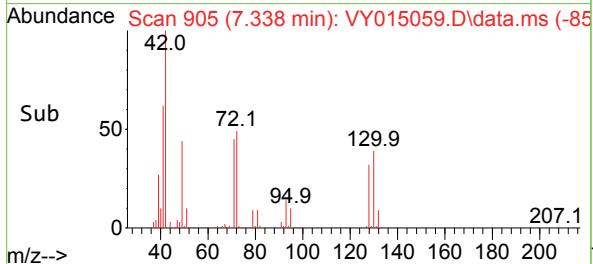
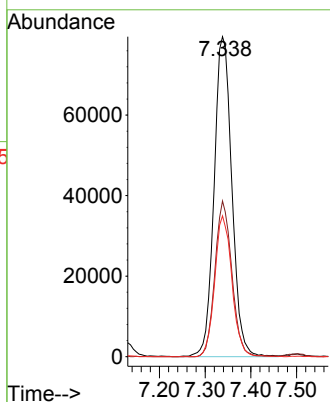
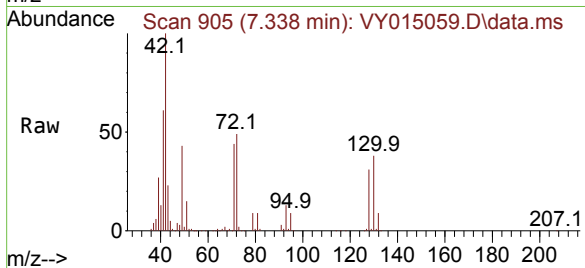
Tgt Ion: 42 Resp: 215006

Ion Ratio Lower Upper

42 100

72 46.4 32.8 49.2

71 42.6 31.0 46.4



#30

Chloroform

Concen: 45.083 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY015059.D

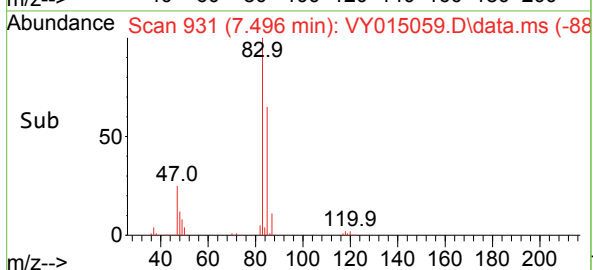
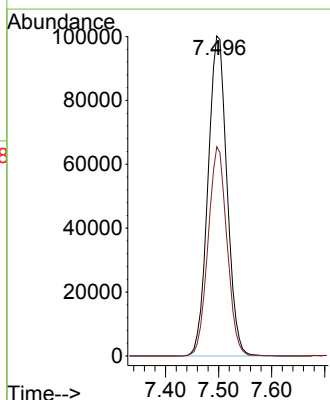
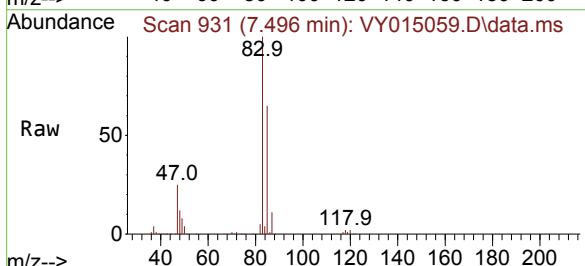
Acq: 11 Aug 2023 16:14

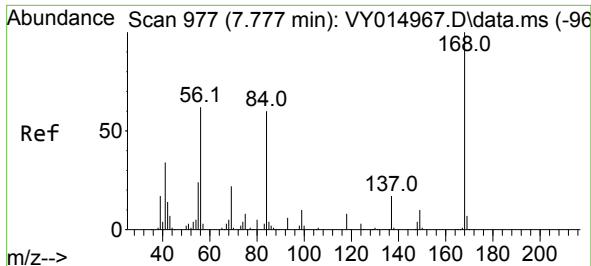
Tgt Ion: 83 Resp: 248589

Ion Ratio Lower Upper

83 100

85 65.3 49.7 74.5

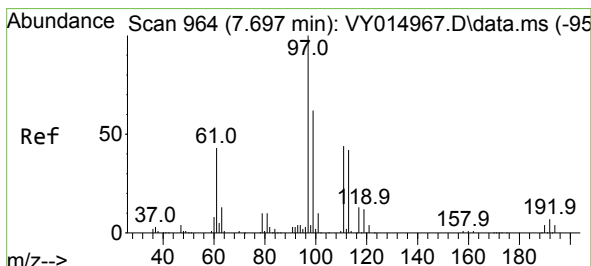
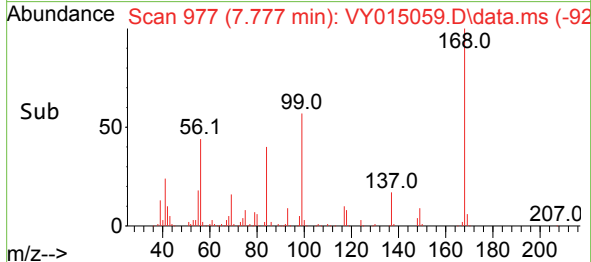
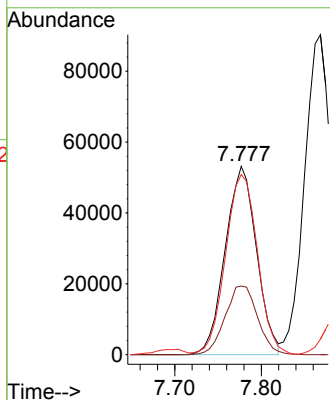
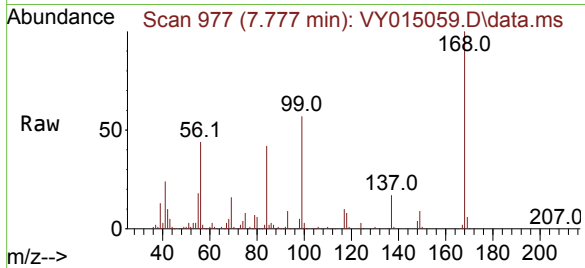




#31
Cyclohexane
Concen: 35.495 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

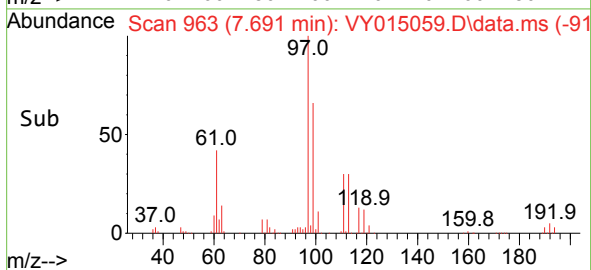
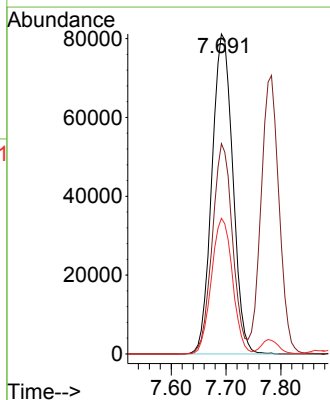
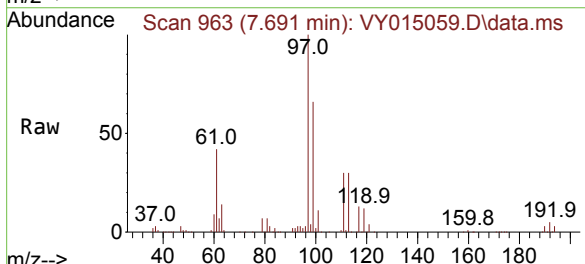
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

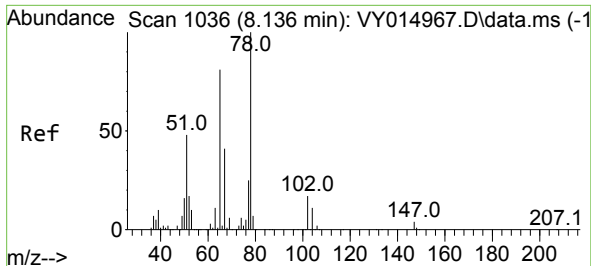
Tgt Ion: 56 Resp: 133629
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 92.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 44.256 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 97 Resp: 215059
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 31.609 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

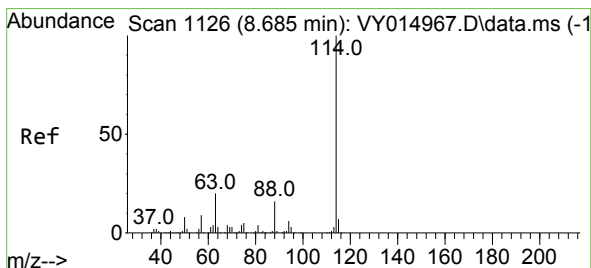
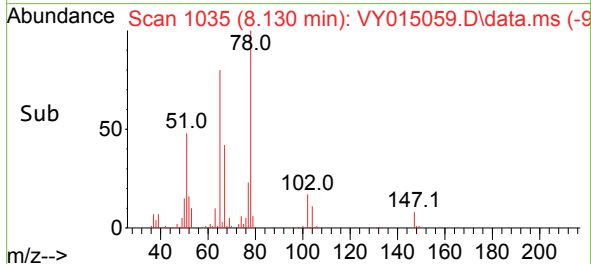
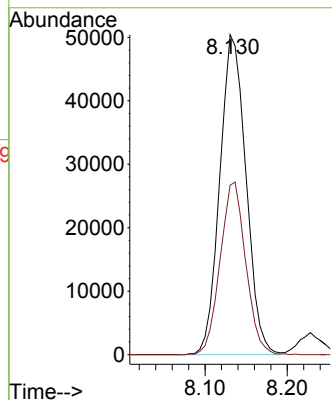
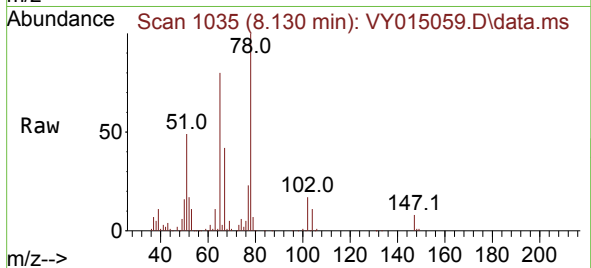
VSTDCCC050EC

Tgt Ion: 65 Resp: 111827

Ion Ratio Lower Upper

65 100

67 52.7 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: VY015059.D

Acq: 11 Aug 2023 16:14

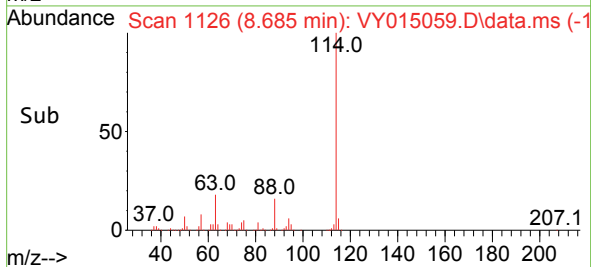
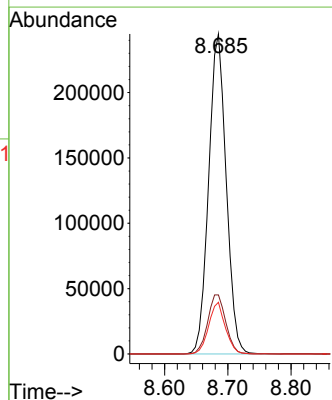
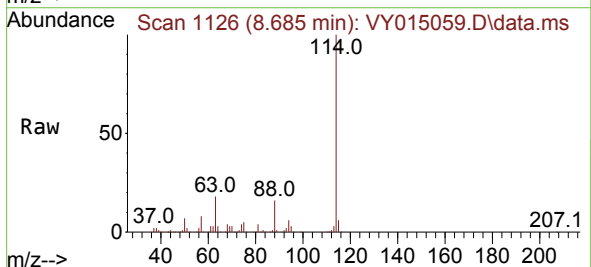
Tgt Ion:114 Resp: 471382

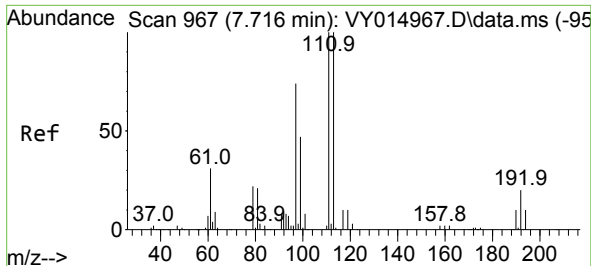
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 16.2 0.0 30.6

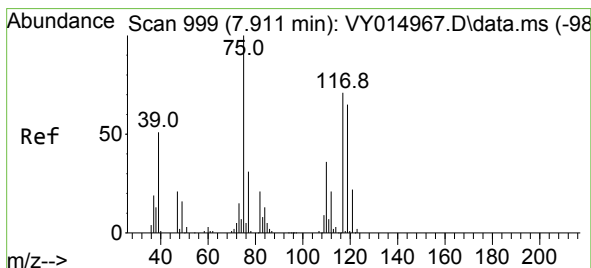
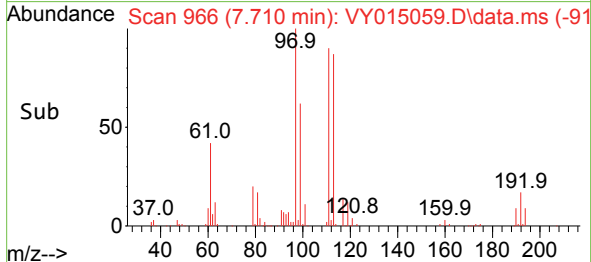
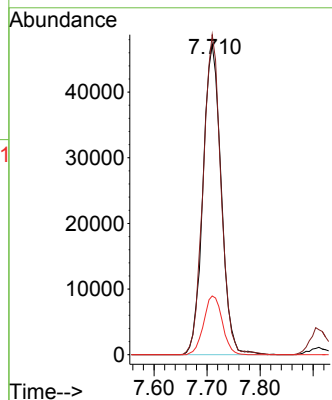
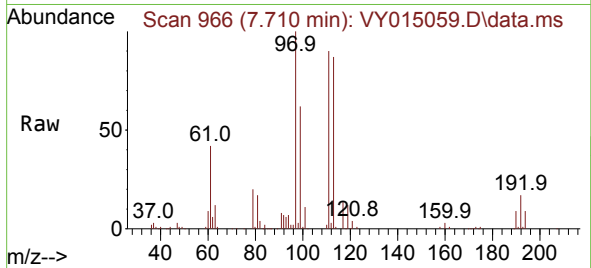




#35
Dibromofluoromethane
Concen: 37.311 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

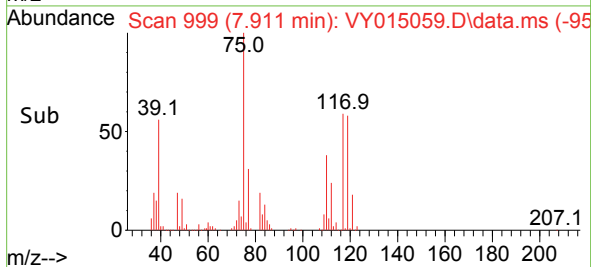
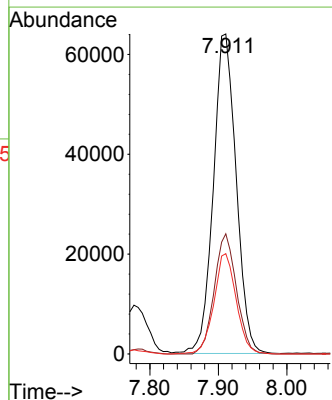
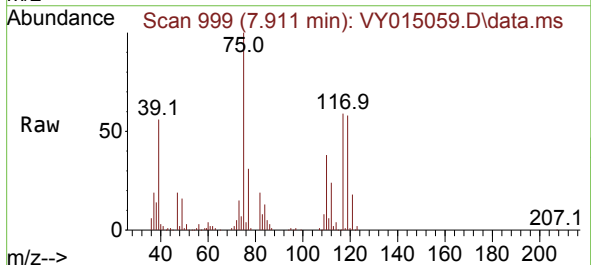
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

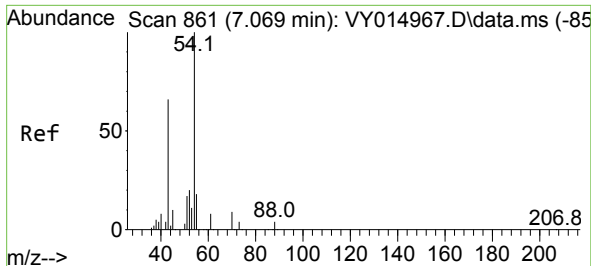
Tgt Ion:113 Resp: 112470
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 39.536 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 75 Resp: 147960
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 46.920 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

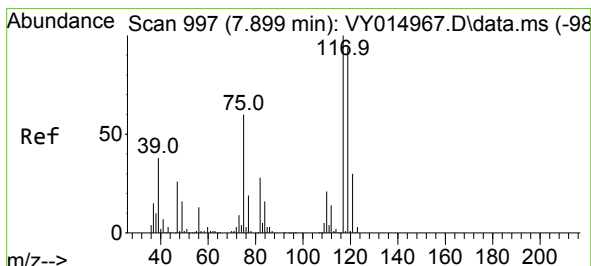
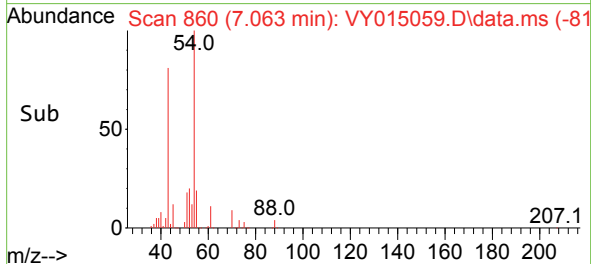
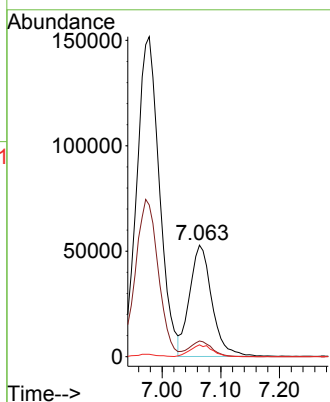
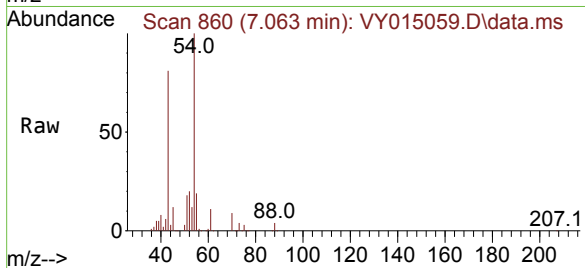
Tgt Ion: 43 Resp: 139379

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 43.339 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

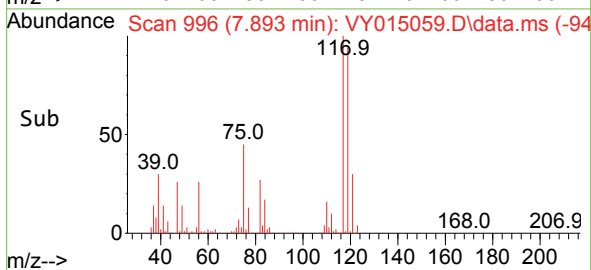
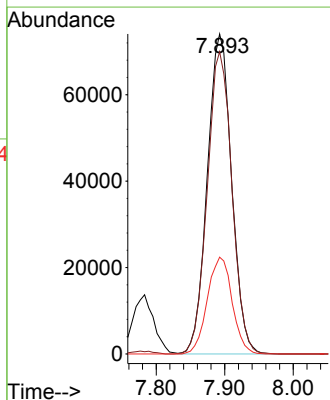
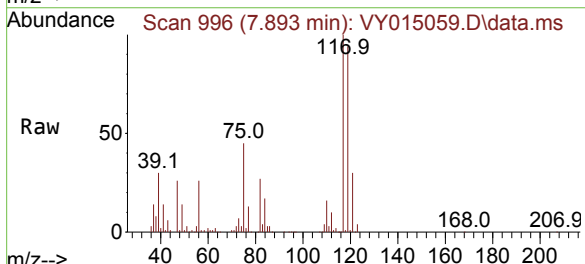
Tgt Ion: 117 Resp: 182337

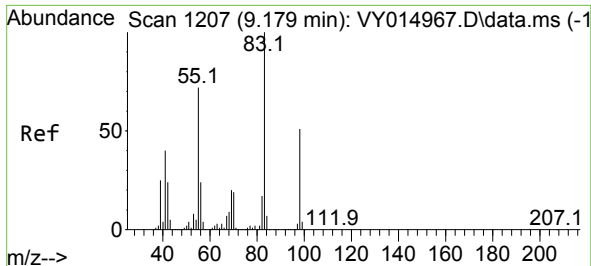
Ion Ratio Lower Upper

117 100

119 94.5 76.4 114.6

121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 36.383 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

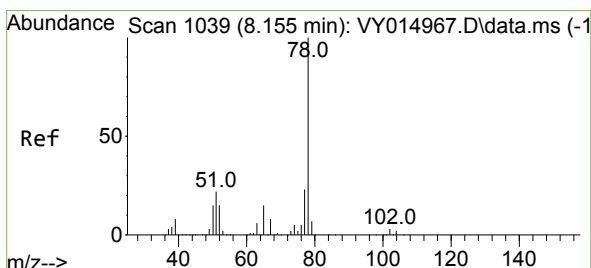
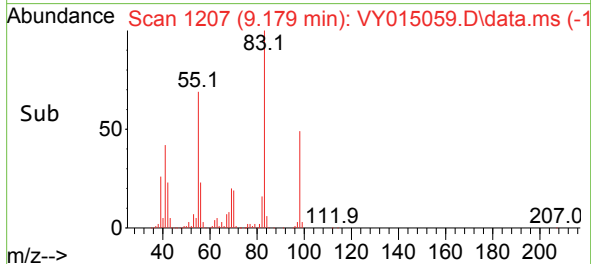
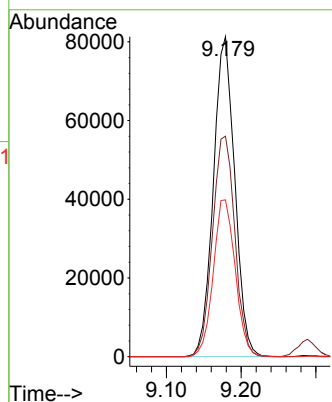
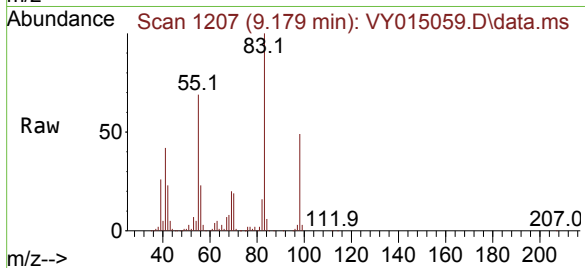
Tgt Ion: 83 Resp: 161923

Ion Ratio Lower Upper

83 100

55 68.9 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 41.436 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015059.D

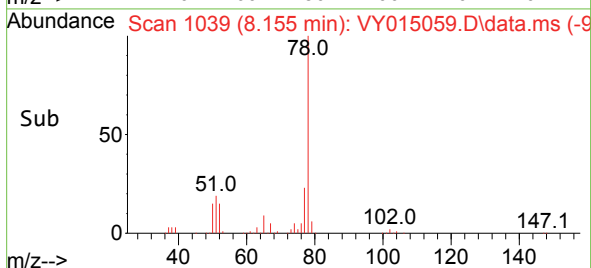
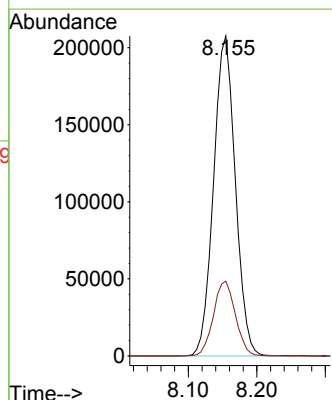
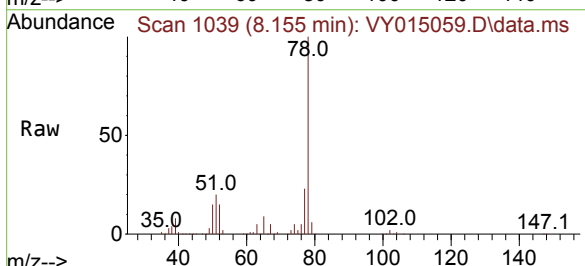
Acq: 11 Aug 2023 16:14

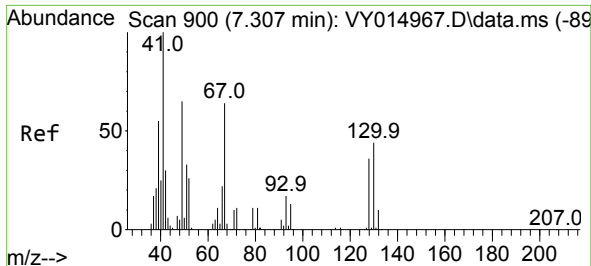
Tgt Ion: 78 Resp: 456621

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

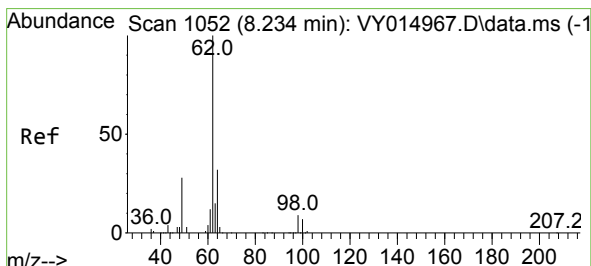
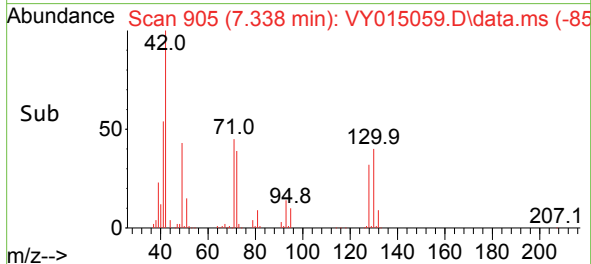
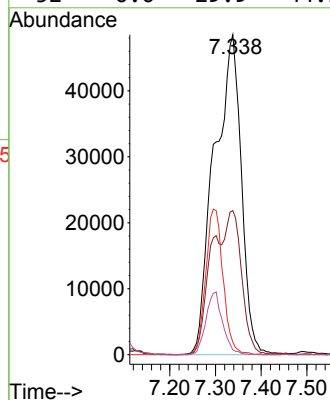
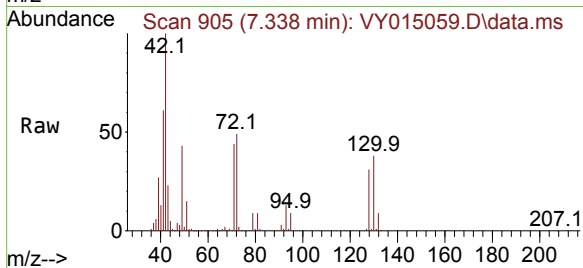




#41
Methacrylonitrile
Concen: 137.435 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

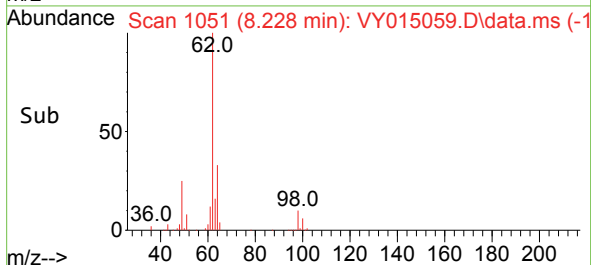
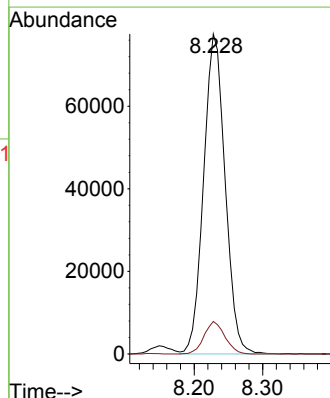
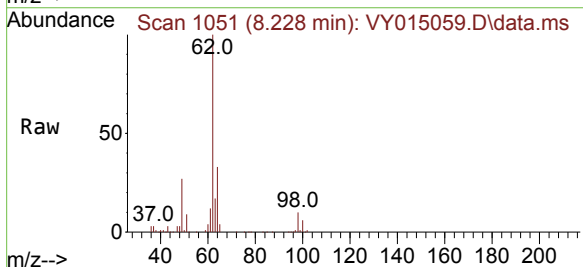
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

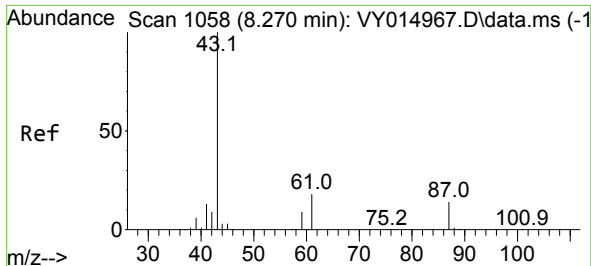
Tgt Ion: 41 Resp: 198404
Ion Ratio Lower Upper
41 100
39 24.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 44.106 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 62 Resp: 169187
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

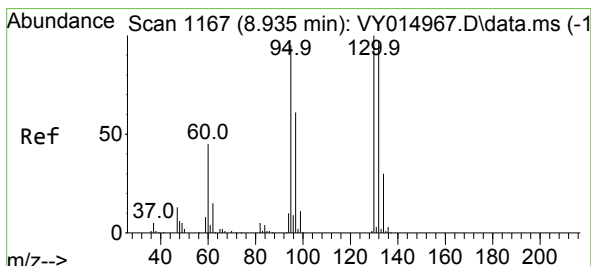
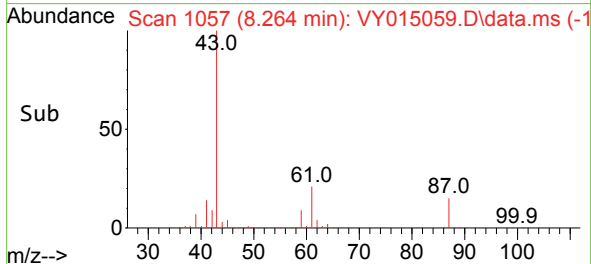
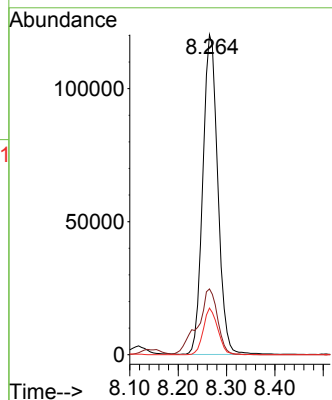
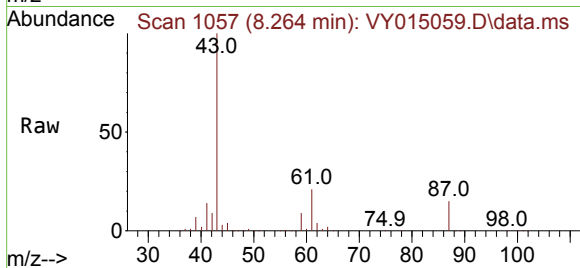




#43
Isopropyl Acetate
Concen: 46.910 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

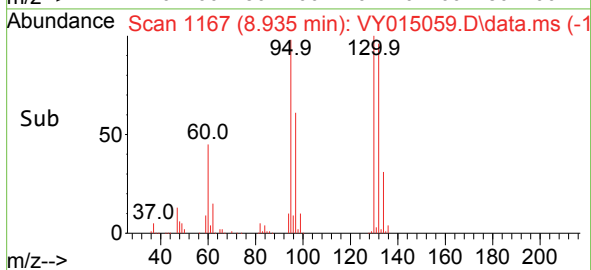
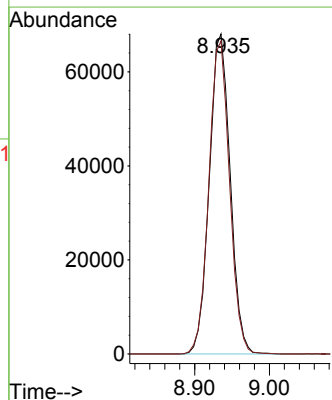
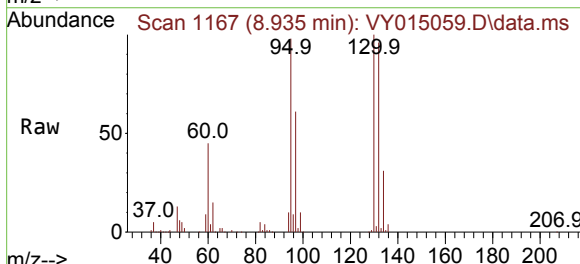
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

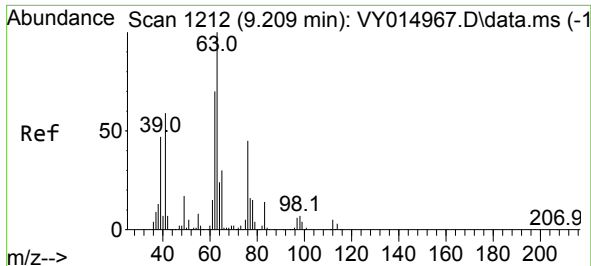
Tgt Ion: 43 Resp: 258899
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 41.778 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion:130 Resp: 132103
Ion Ratio Lower Upper
130 100
95 97.8 0.0 196.0

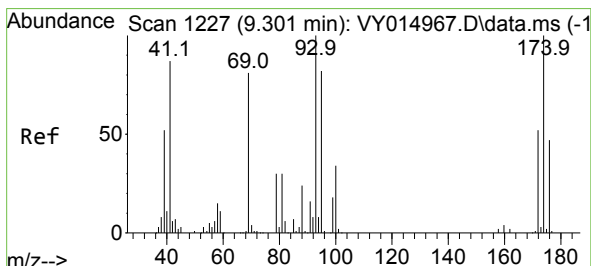
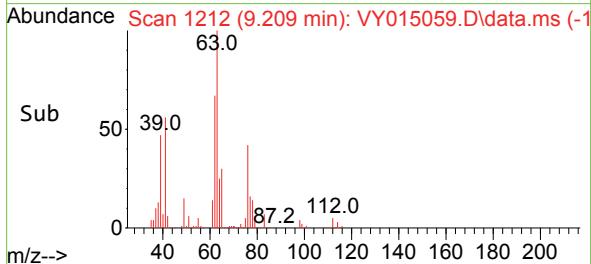
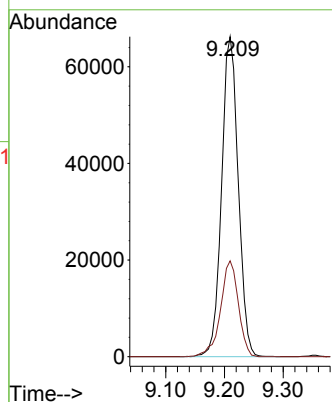
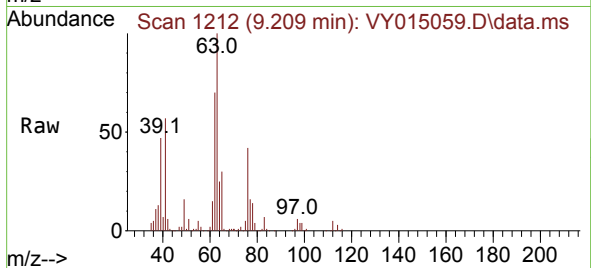




#45
1,2-Dichloropropane
Concen: 44.490 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

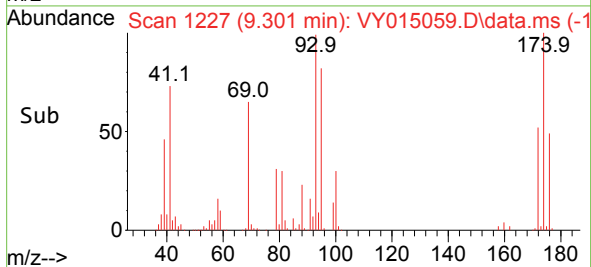
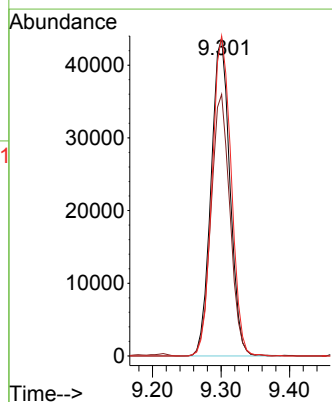
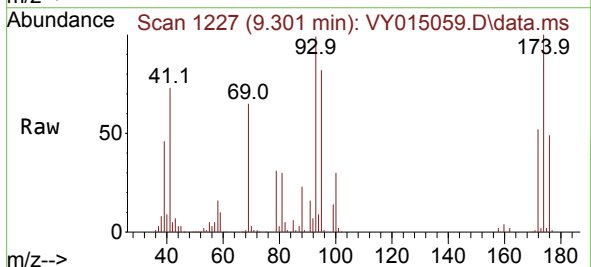
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

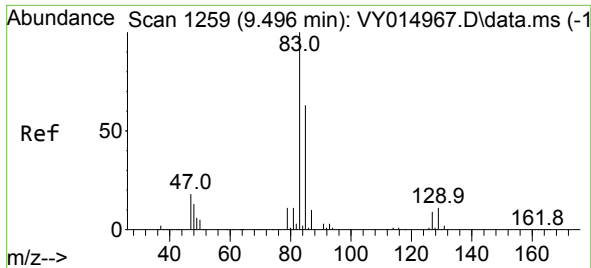
Tgt Ion: 63 Resp: 130299
Ion Ratio Lower Upper
63 100
65 29.9 23.8 35.6



#46
Dibromomethane
Concen: 44.235 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 93 Resp: 83458
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 101.8 84.8 127.2

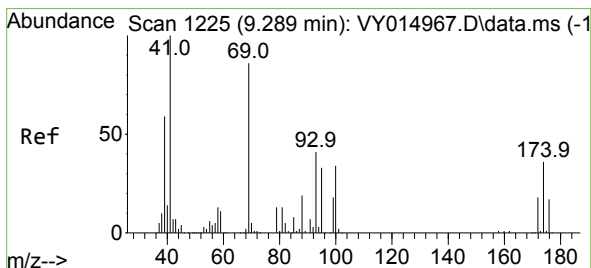
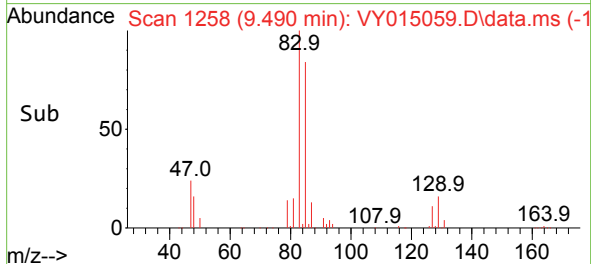
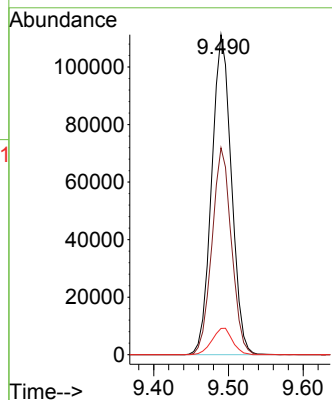
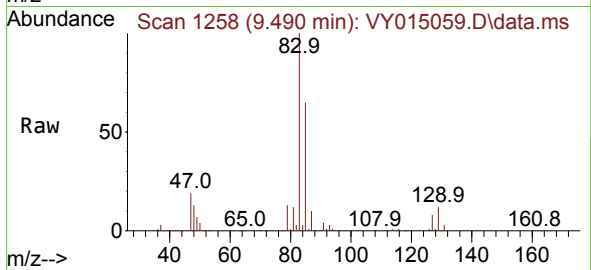




#47
Bromodichloromethane
Concen: 47.015 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

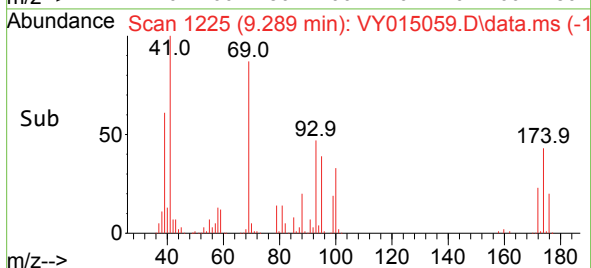
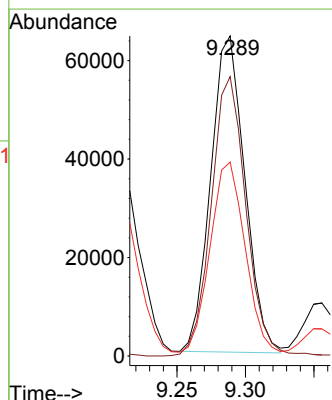
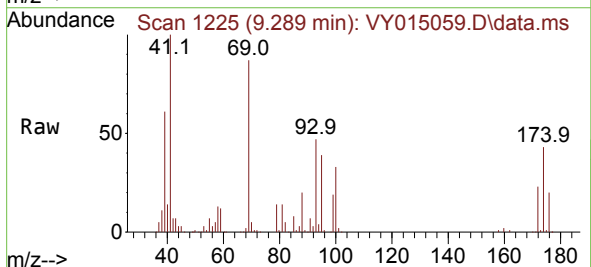
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

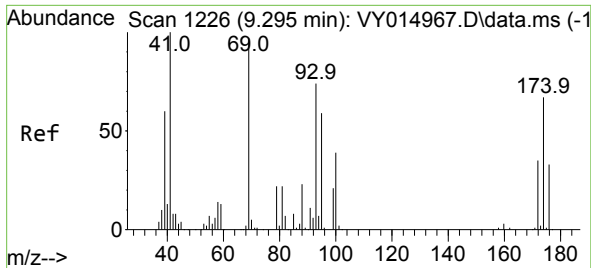
Tgt Ion: 83 Resp: 204265
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 45.968 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 41 Resp: 111314
Ion Ratio Lower Upper
41 100
69 90.1 64.5 96.7
39 63.7 50.8 76.2

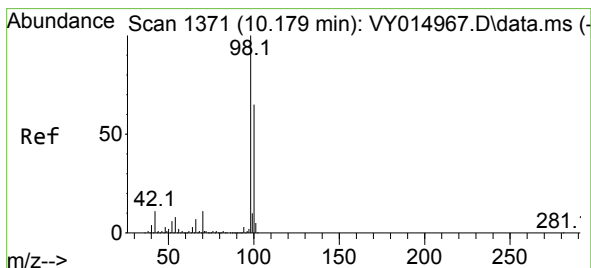
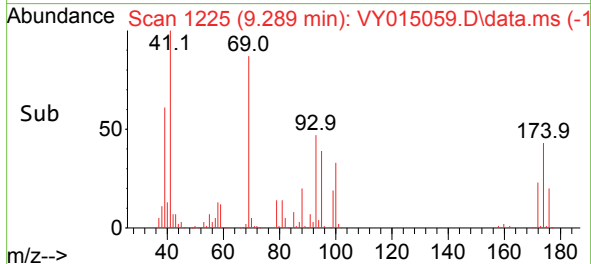
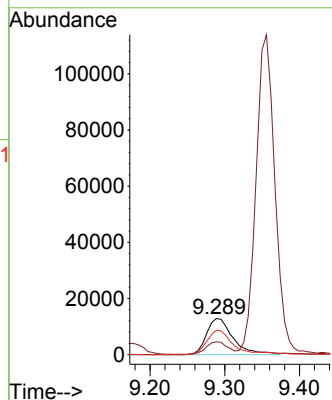
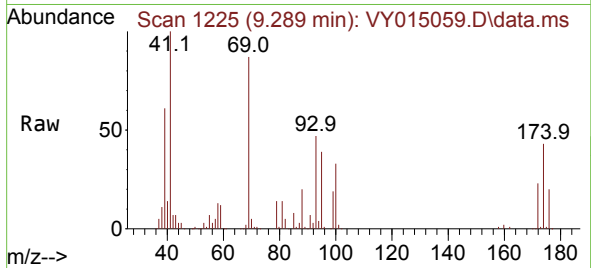




#49
1,4-Dioxane
Concen: 907.240 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

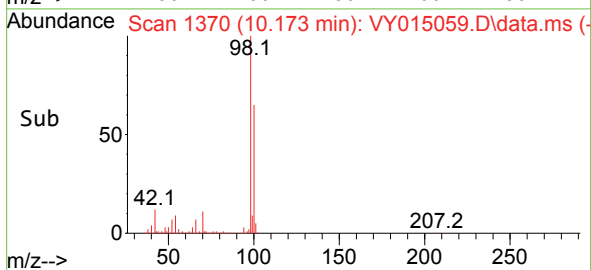
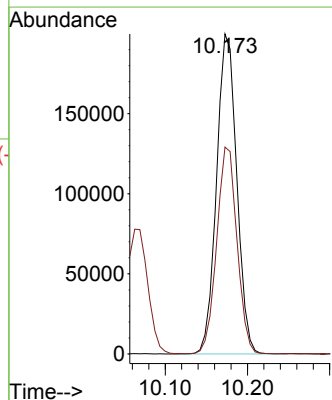
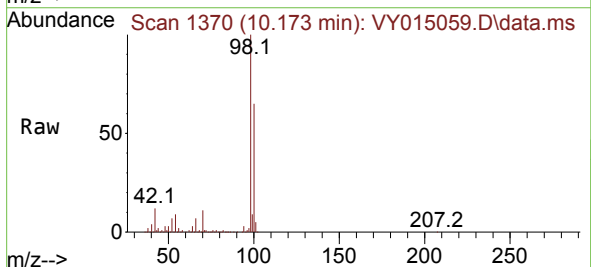
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

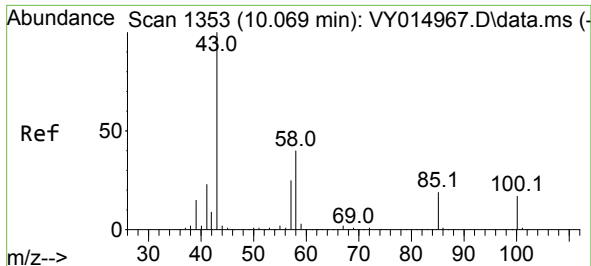
Tgt Ion: 88 Resp: 31838
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0#
58 69.5 30.9 46.3#



#50
Toluene-d8
Concen: 29.715 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 98 Resp: 340938
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

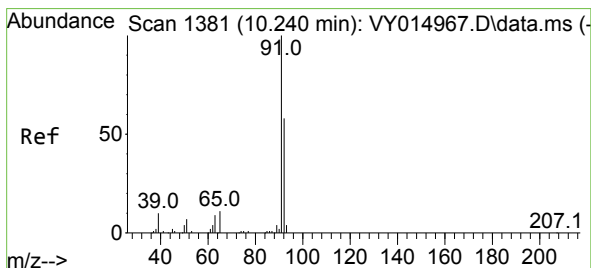
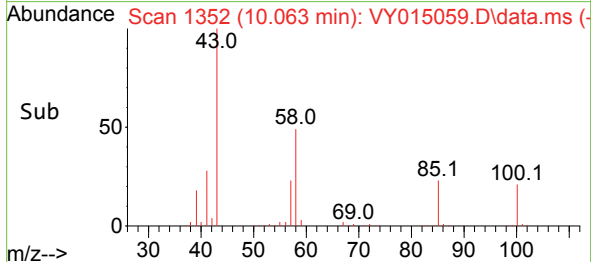
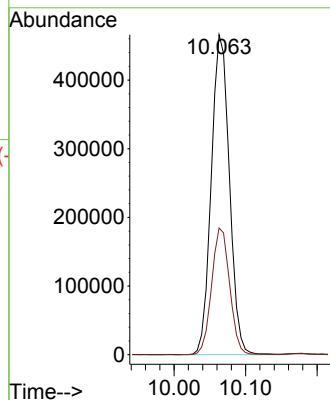
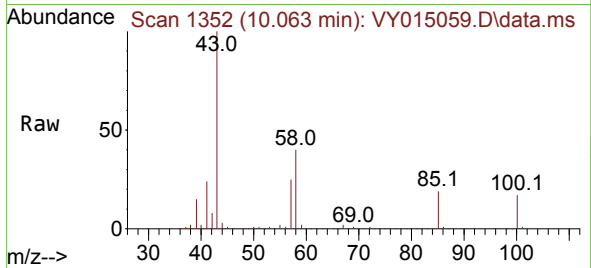




#51
4-Methyl-2-Pentanone
Concen: 263.340 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

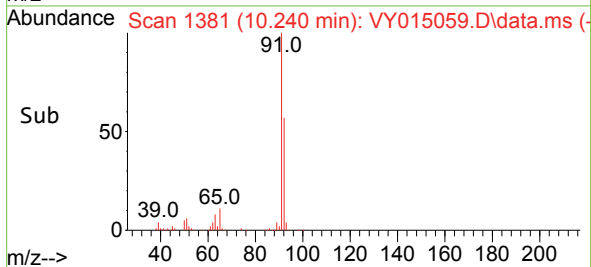
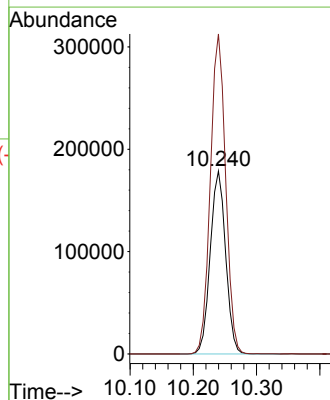
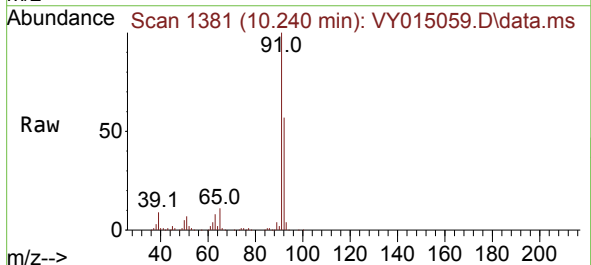
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

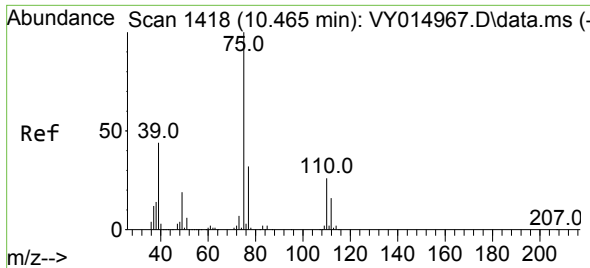
Tgt Ion: 43 Resp: 819046
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 42.583 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 92 Resp: 301981
Ion Ratio Lower Upper
92 100
91 173.7 143.8 215.6

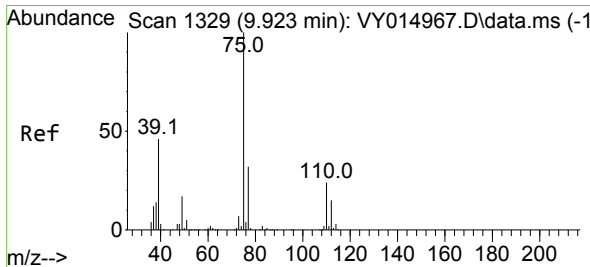
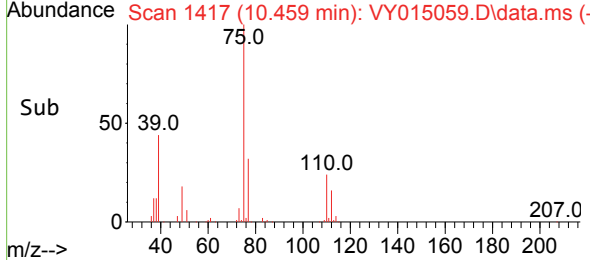
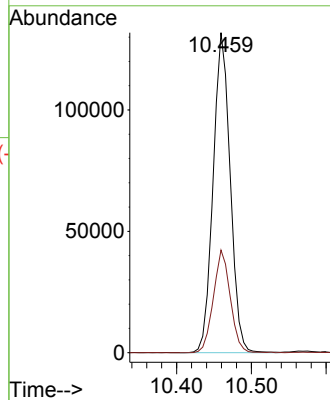
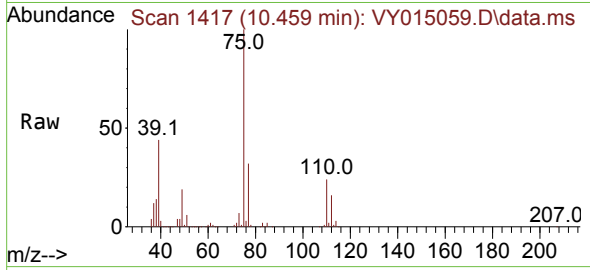




#53
 t-1,3-Dichloropropene
 Concen: 46.258 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY015059.D
 Acq: 11 Aug 2023 16:14

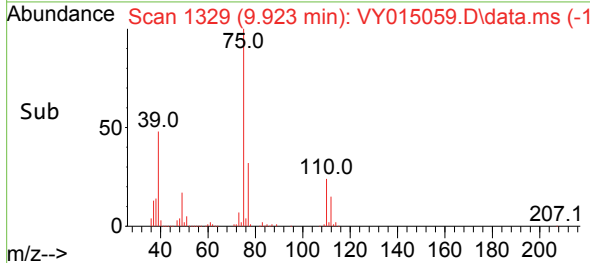
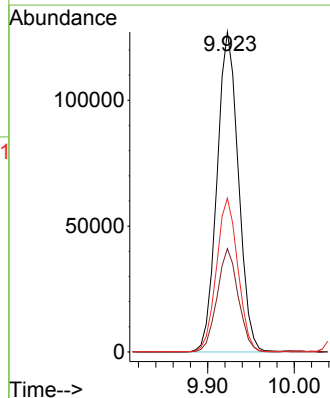
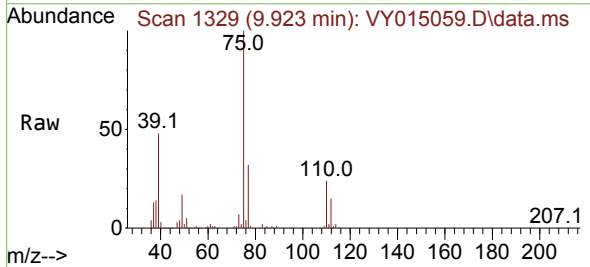
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

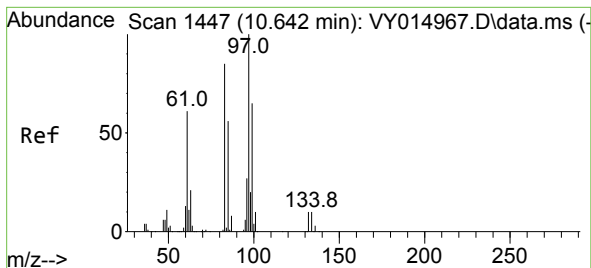
Tgt Ion: 75 Resp: 209294
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 44.693 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015059.D
 Acq: 11 Aug 2023 16:14

Tgt Ion: 75 Resp: 218471
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.4
 39 48.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 46.634 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 127877

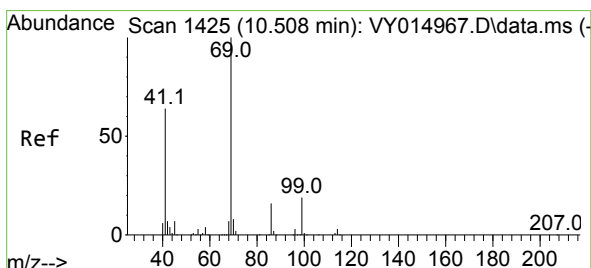
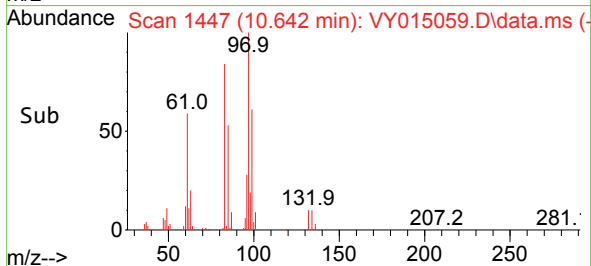
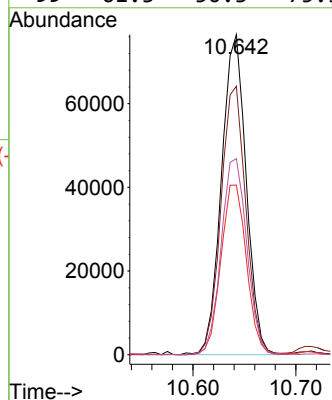
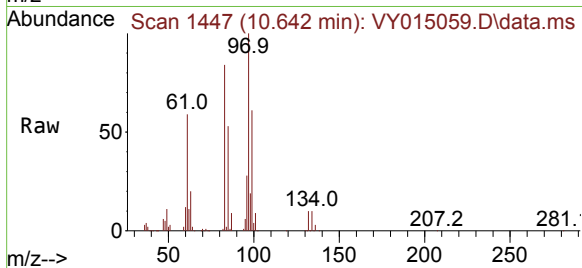
Ion Ratio Lower Upper

97 100

83 83.9 72.0 108.0

85 53.0 45.4 68.0

99 61.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 47.347 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

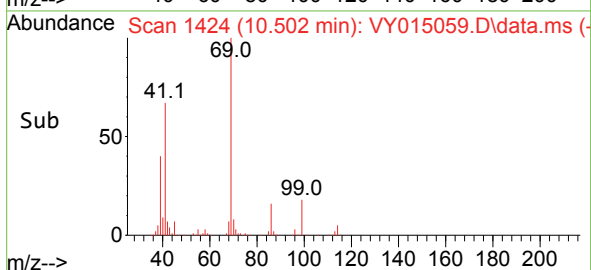
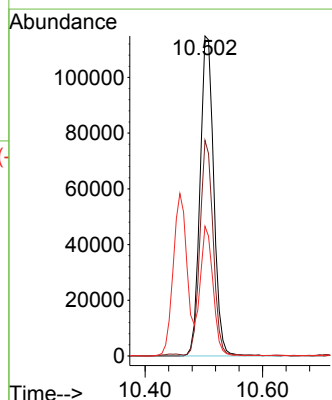
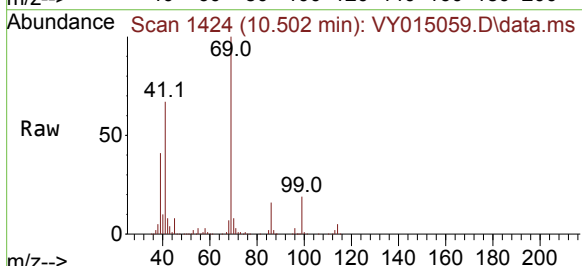
Tgt Ion: 69 Resp: 185906

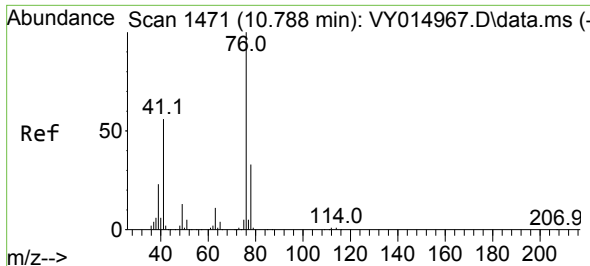
Ion Ratio Lower Upper

69 100

41 64.7 57.6 86.4

39 37.5 34.1 51.1





#57

1,3-Dichloropropane

Concen: 45.779 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

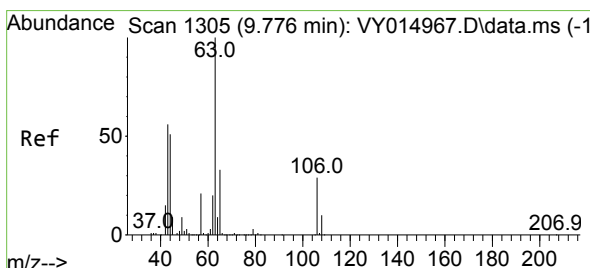
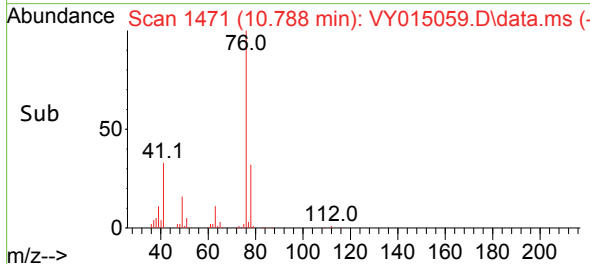
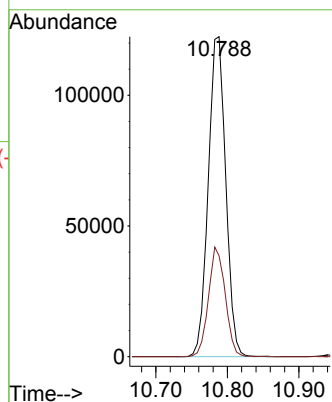
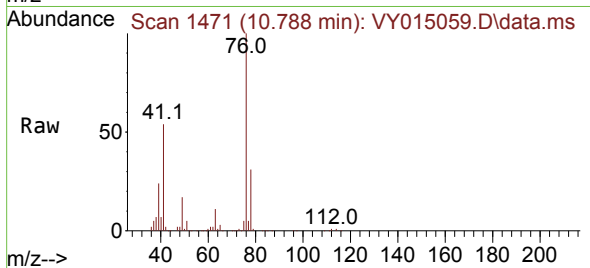
VSTDCCC050EC

Tgt Ion: 76 Resp: 207691

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 165.156 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015059.D

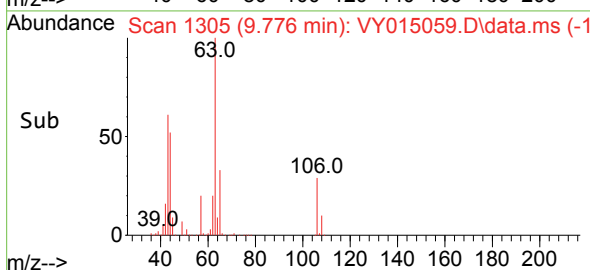
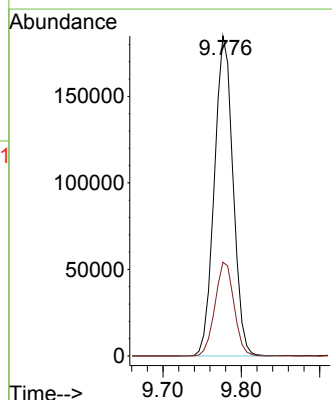
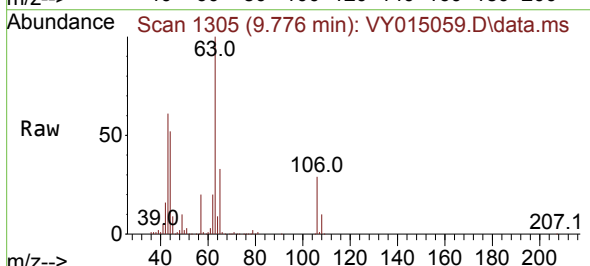
Acq: 11 Aug 2023 16:14

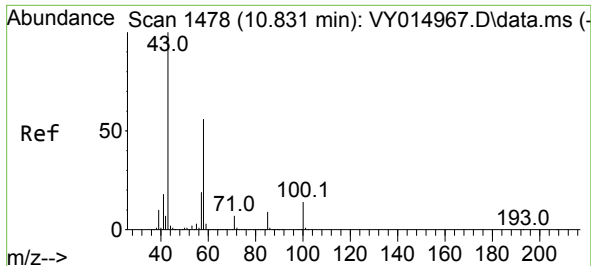
Tgt Ion: 63 Resp: 306620

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

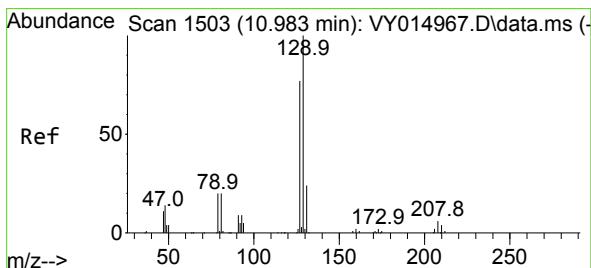
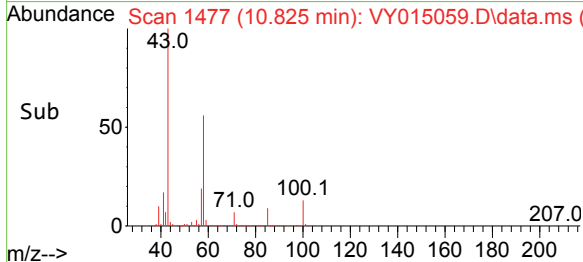
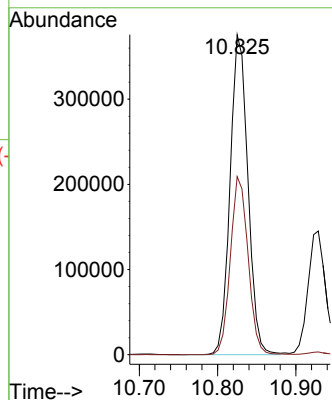
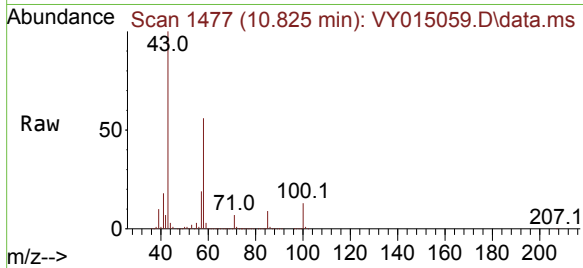




#59
2-Hexanone
Concen: 257.377 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

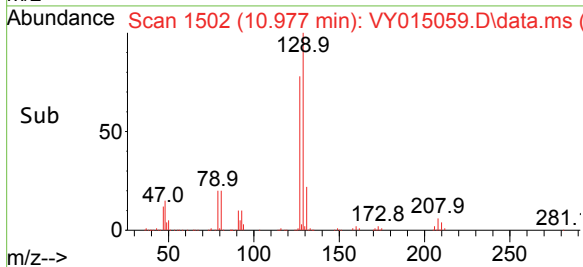
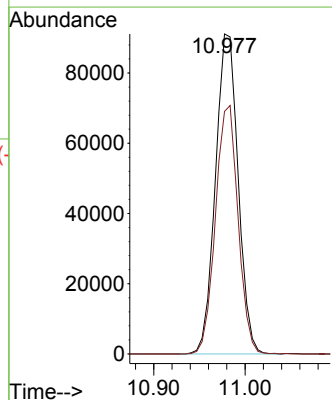
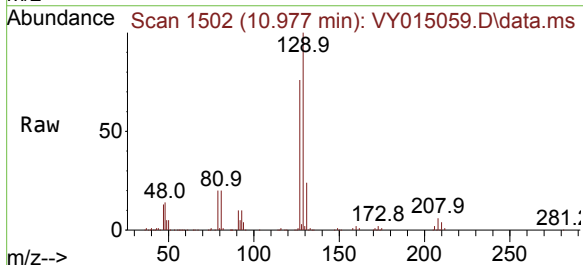
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

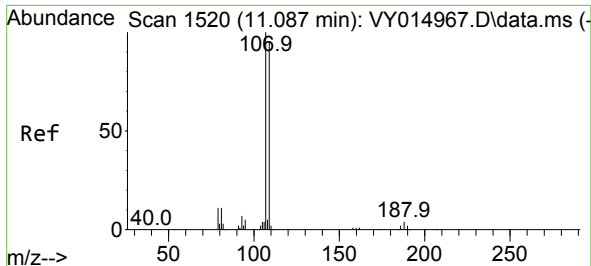
Tgt Ion: 43 Resp: 591343
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 48.246 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 129 Resp: 157524
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

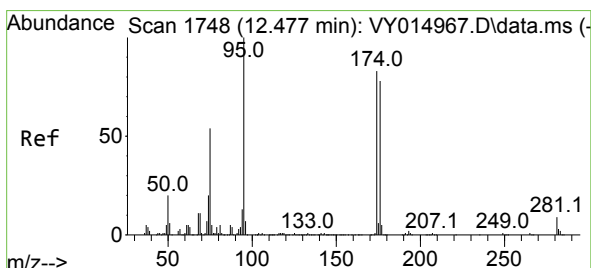
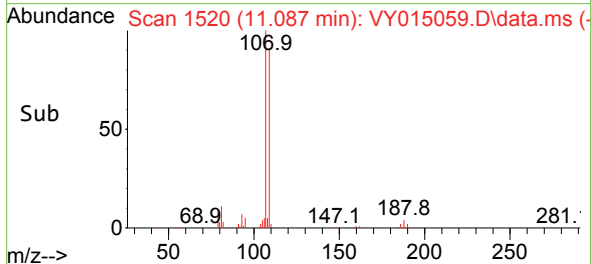
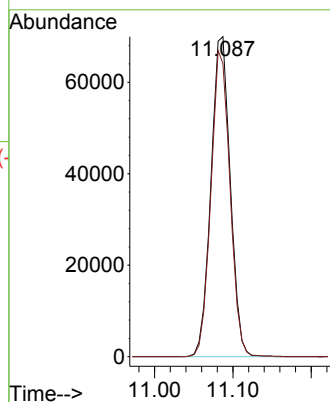
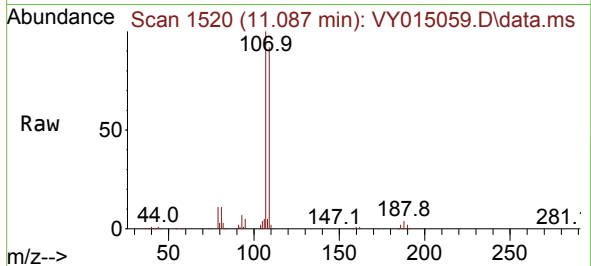




#61
1,2-Dibromoethane
Concen: 45.790 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

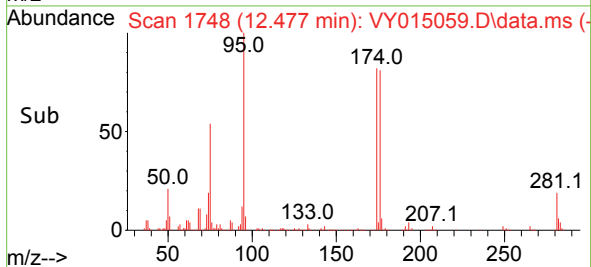
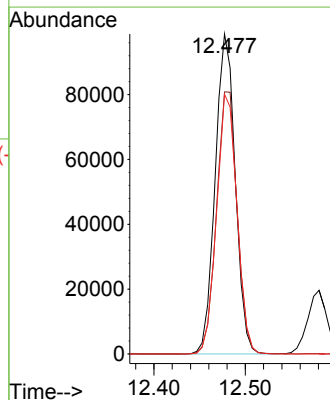
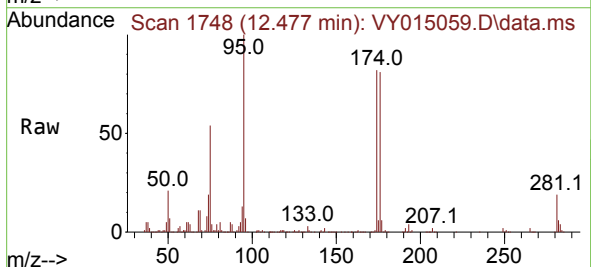
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

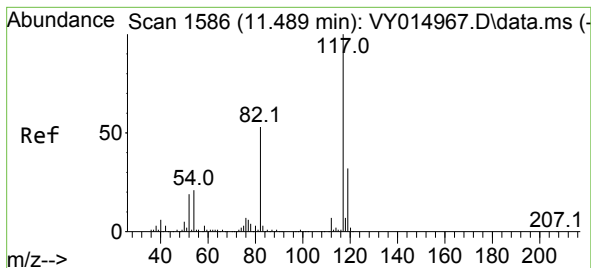
Tgt Ion:107 Resp: 119849
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 36.983 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 95 Resp: 150387
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 82.6 0.0 173.8

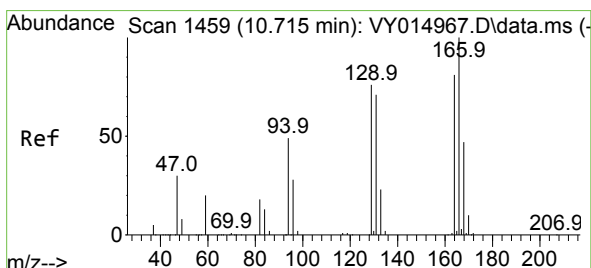
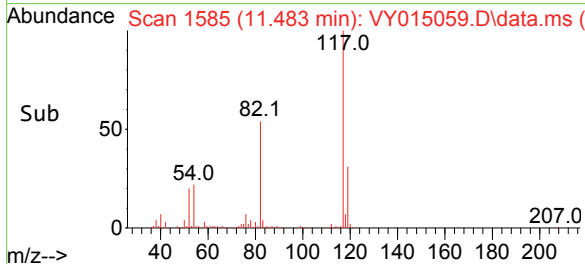
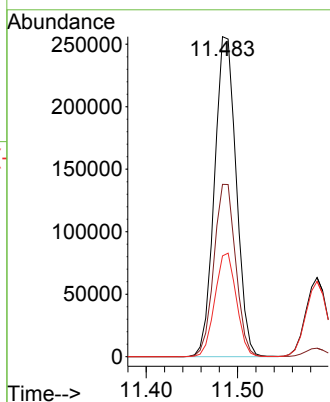
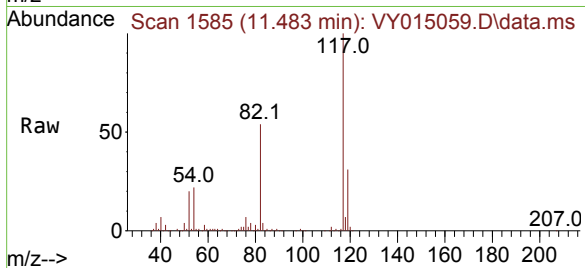




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

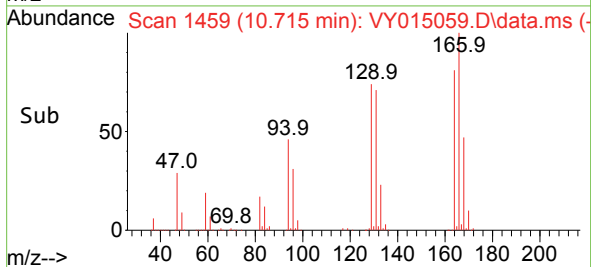
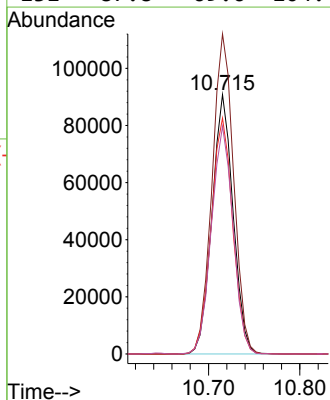
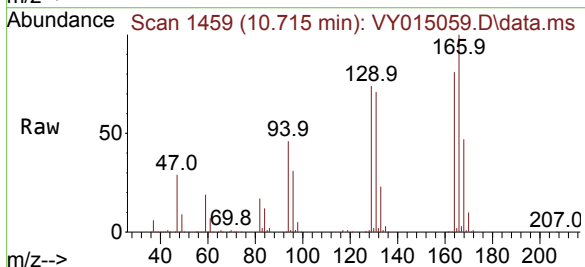
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

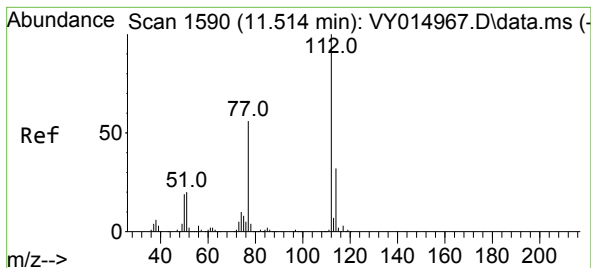
Tgt Ion:117 Resp: 423776
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 45.597 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion:164 Resp: 145350
Ion Ratio Lower Upper
164 100
166 123.4 103.0 154.6
129 91.0 77.2 115.8
131 87.8 69.6 104.4

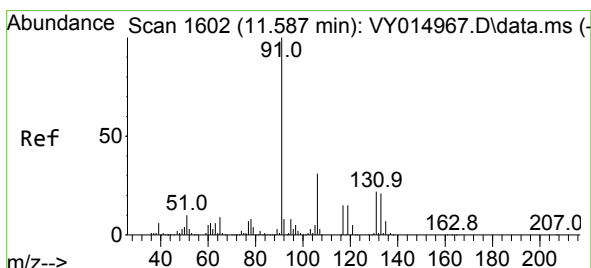
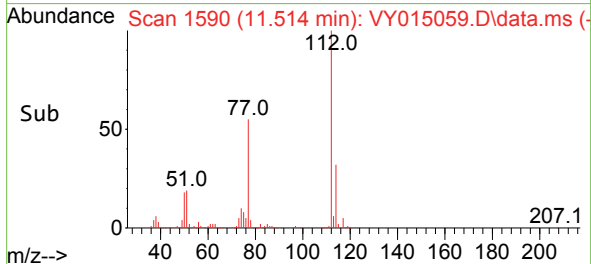
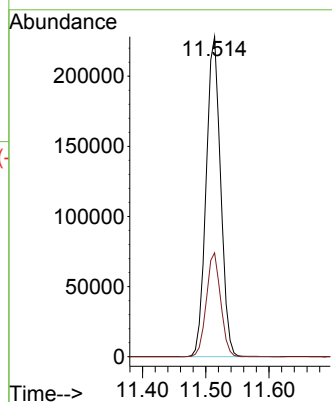
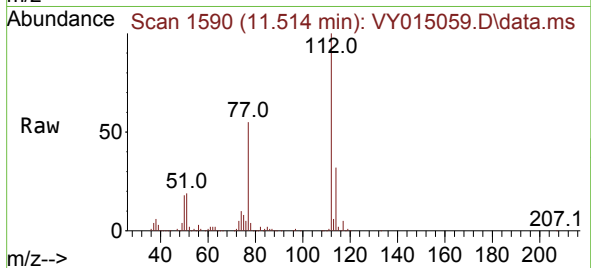




#65
Chlorobenzene
Concen: 45.197 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

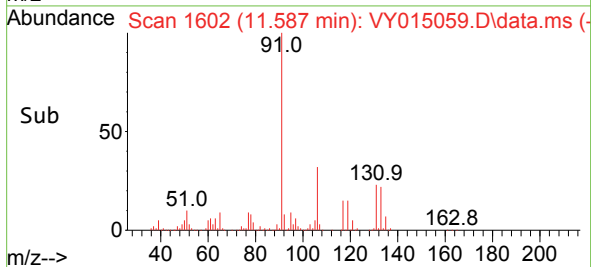
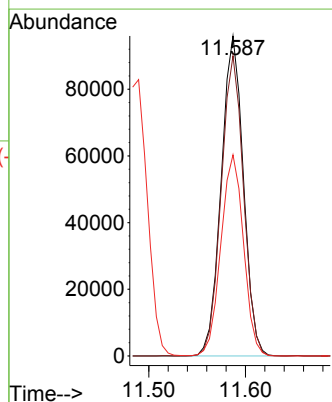
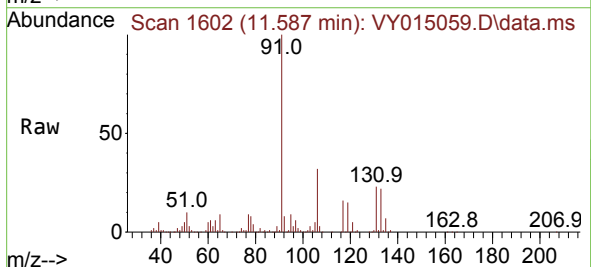
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

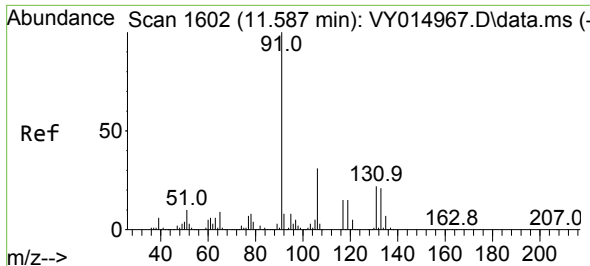
Tgt Ion:112 Resp: 363440
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.507 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion:131 Resp: 152841
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 64.0 31.6 94.7

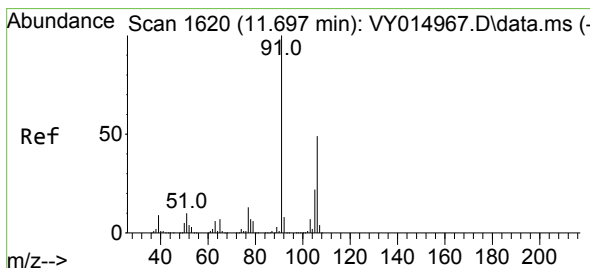
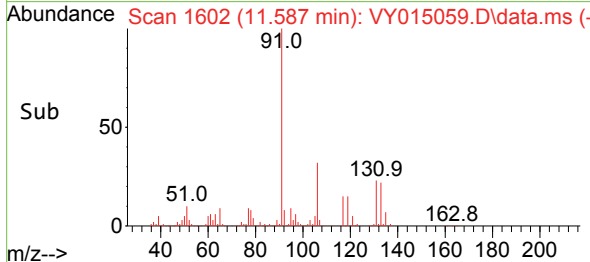
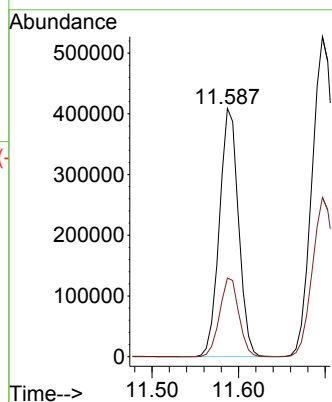
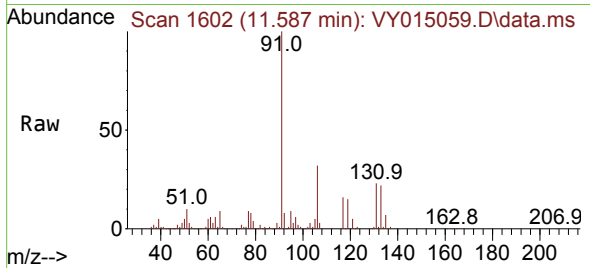




#67
Ethyl Benzene
Concen: 44.357 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

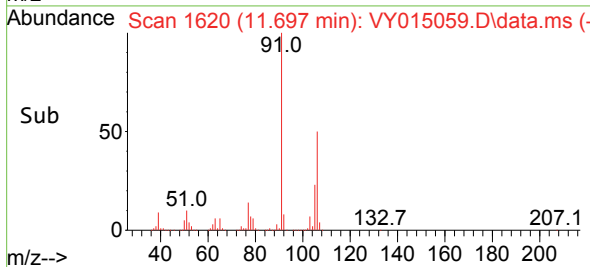
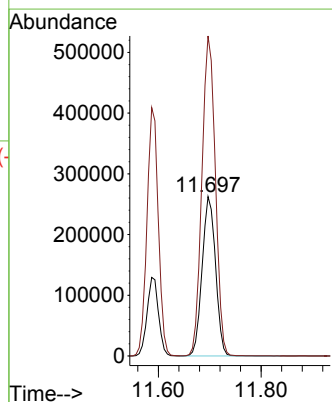
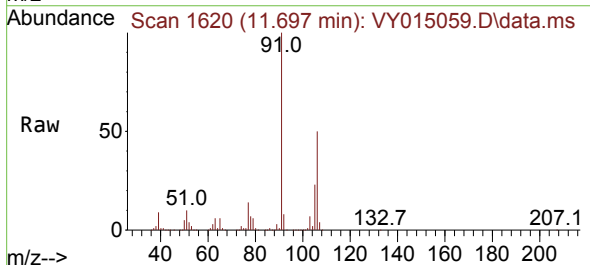
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

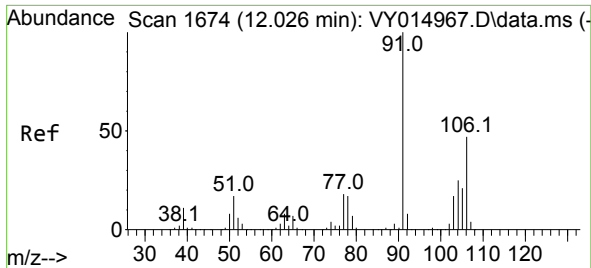
Tgt Ion: 91 Resp: 625970
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 87.932 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 106 Resp: 474707
Ion Ratio Lower Upper
106 100
91 202.0 166.1 249.1

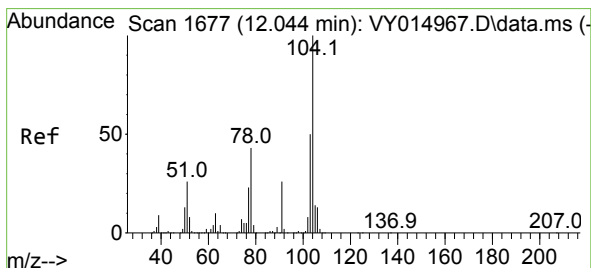
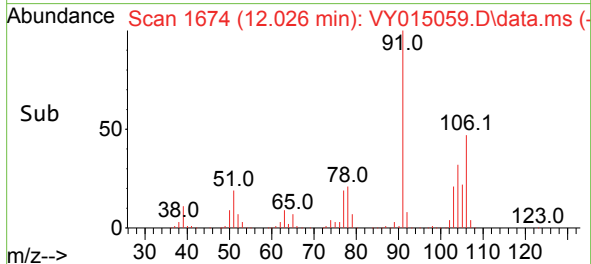
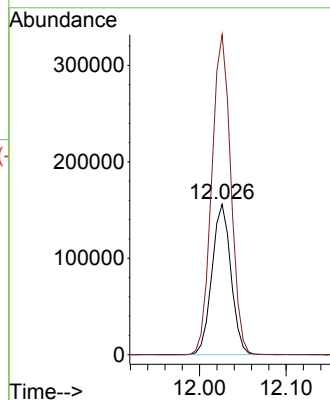
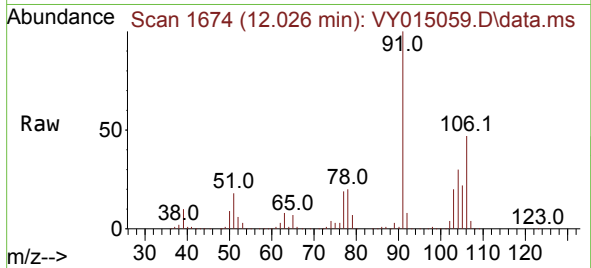




#69
o-Xylene
Concen: 45.031 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

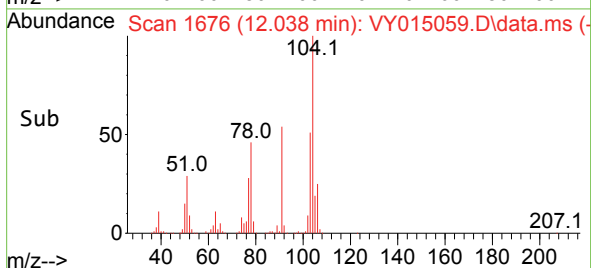
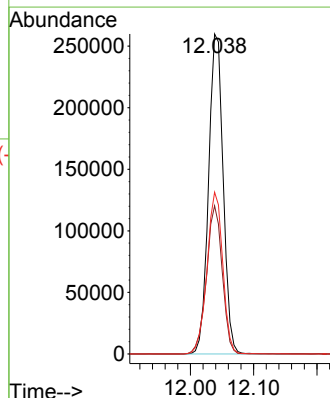
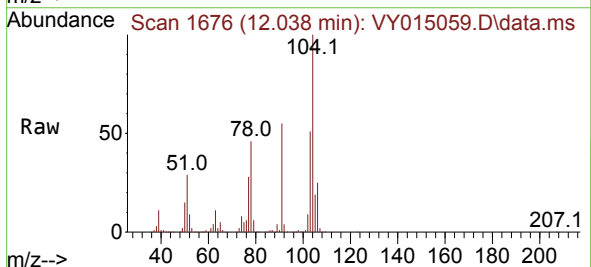
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

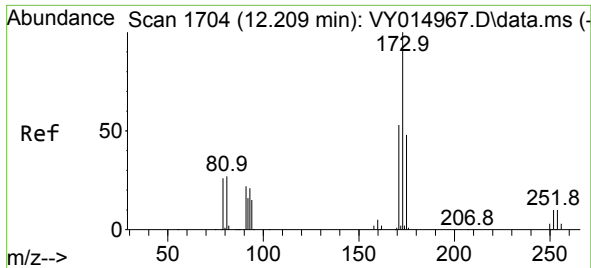
Tgt Ion:106 Resp: 237878
Ion Ratio Lower Upper
106 100
91 213.8 108.1 324.3



#70
Styrene
Concen: 46.383 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion:104 Resp: 418738
Ion Ratio Lower Upper
104 100
78 49.9 41.5 62.3
103 54.4 44.6 67.0

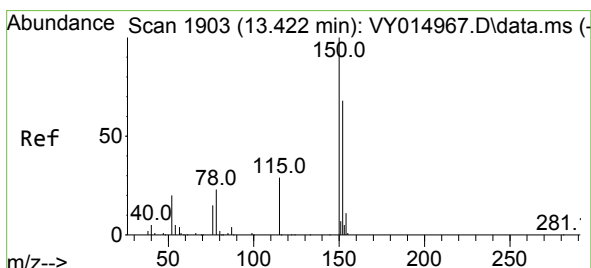
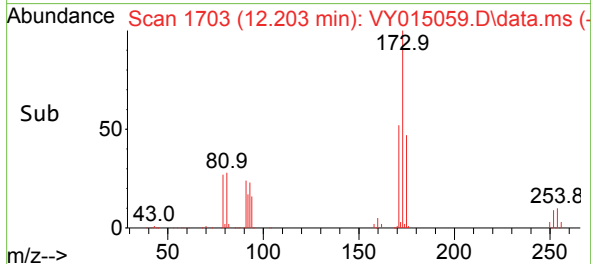
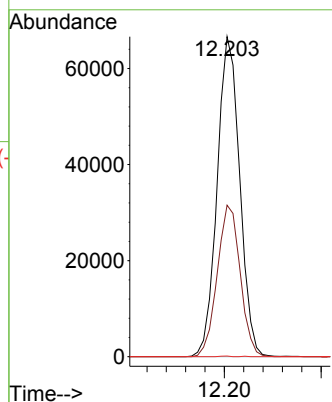
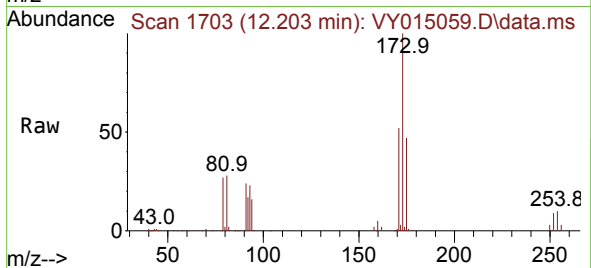




#71
Bromoform
Concen: 49.590 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

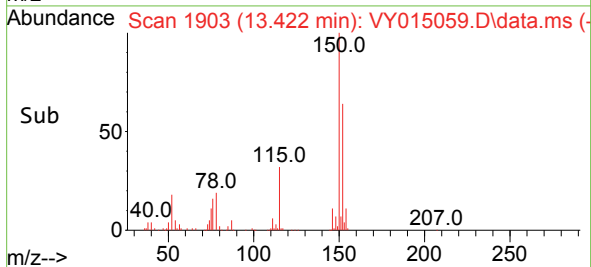
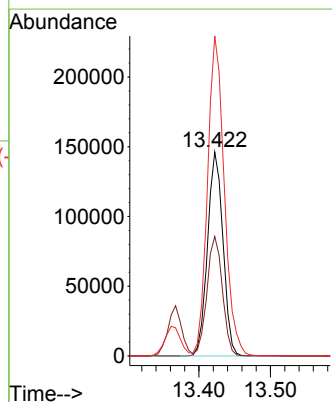
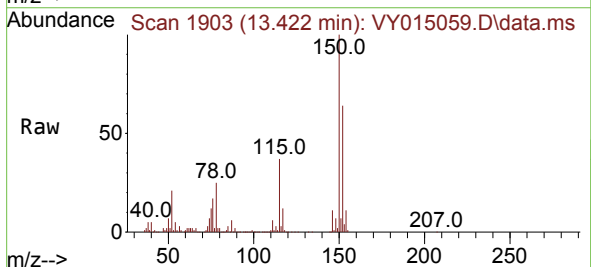
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

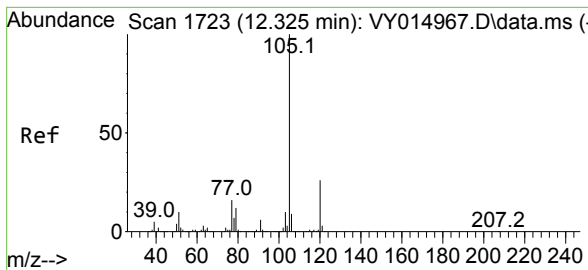
Tgt Ion:173 Resp: 107703
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion:152 Resp: 219752
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 169.5 0.0 348.8

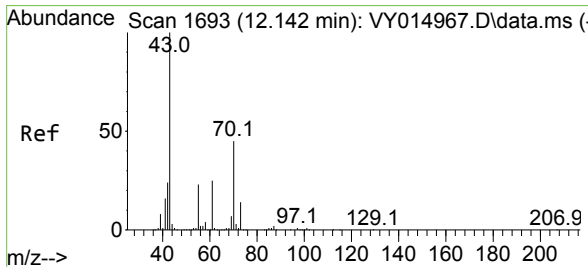
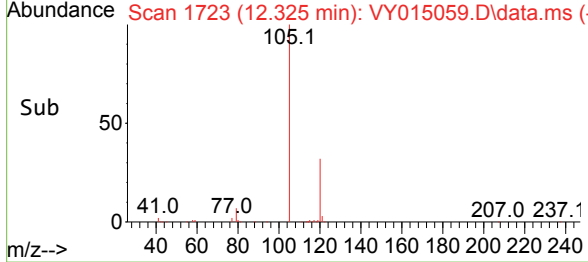
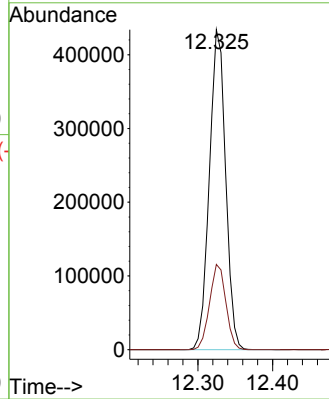
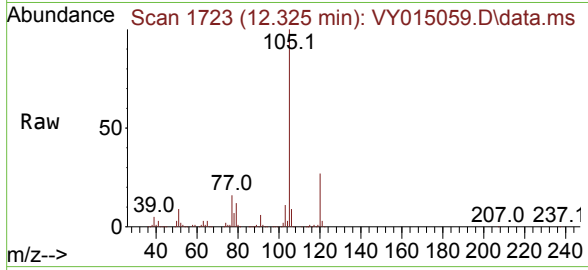




#73
Isopropylbenzene
Concen: 44.279 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

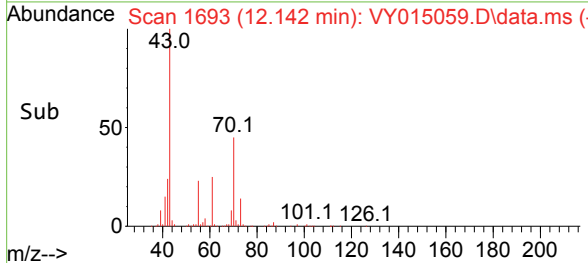
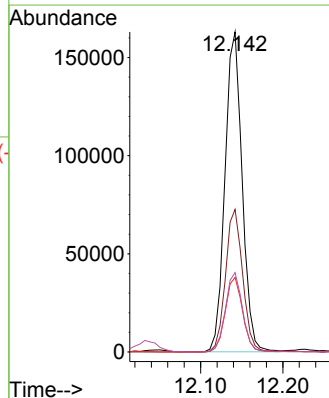
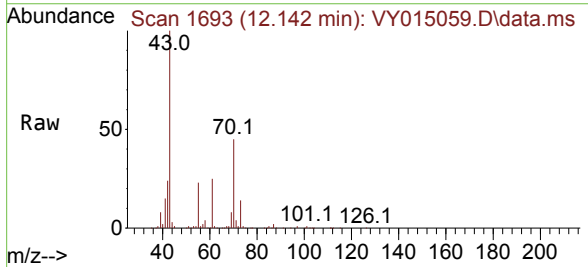
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

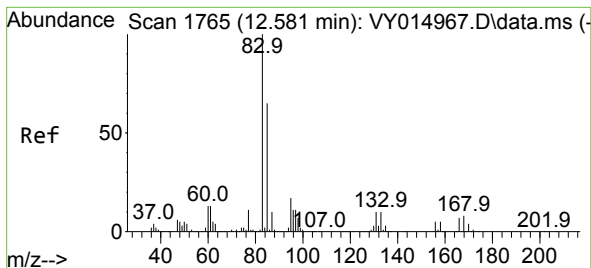
Tgt Ion:105 Resp: 654089
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 46.923 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 43 Resp: 236824
Ion Ratio Lower Upper
43 100
70 44.9 29.7 44.5#
55 23.8 18.3 27.5
61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.758 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

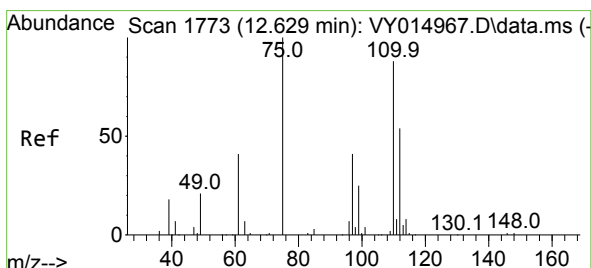
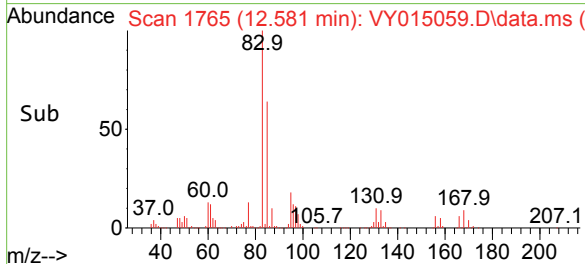
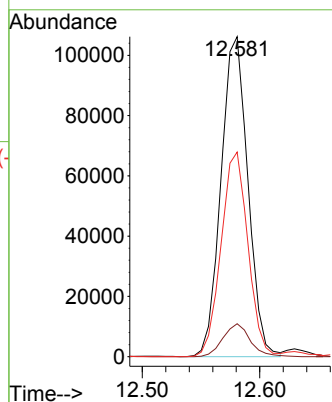
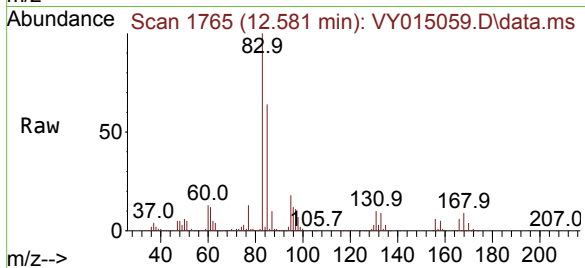
Tgt Ion: 83 Resp: 168797

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 83.892 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015059.D

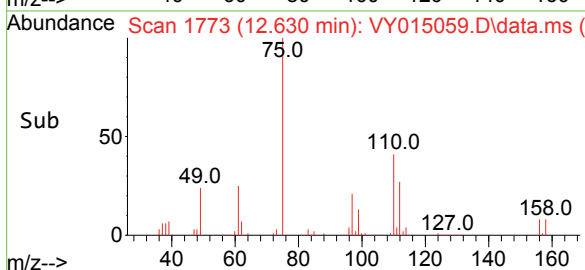
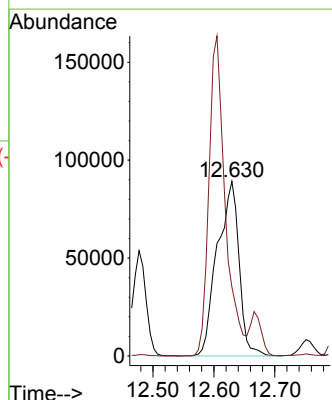
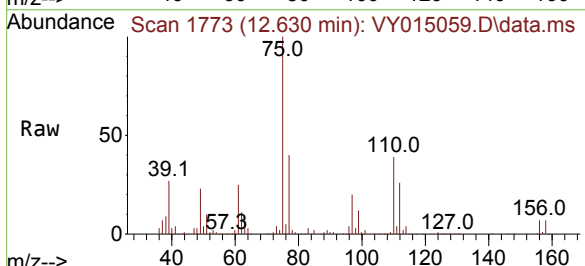
Acq: 11 Aug 2023 16:14

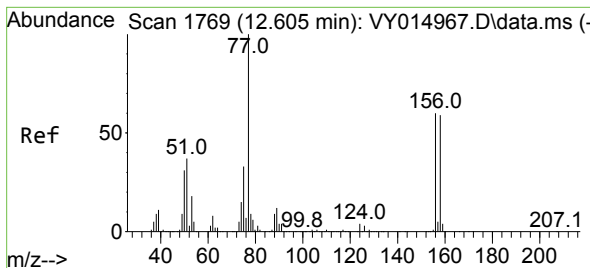
Tgt Ion: 75 Resp: 220899

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.406 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

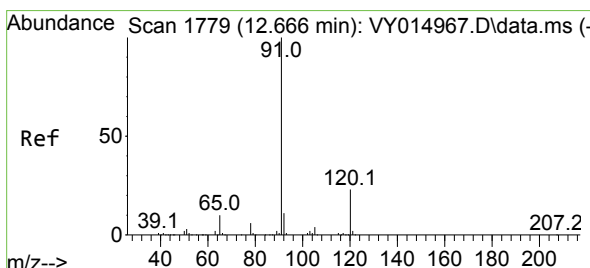
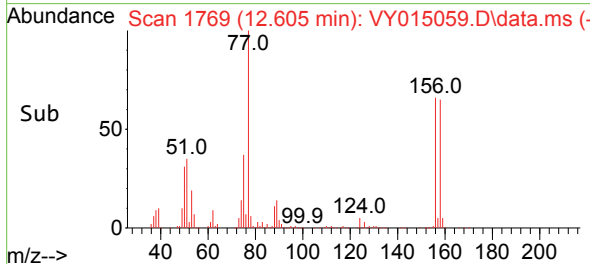
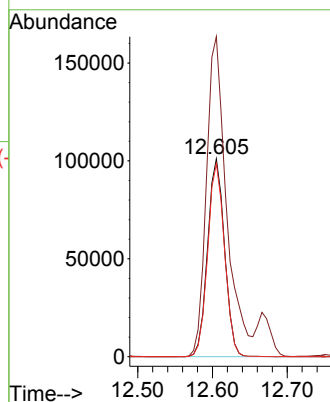
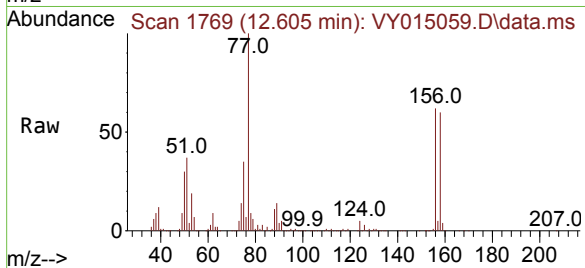
Tgt Ion:156 Resp: 159114

Ion Ratio Lower Upper

156 100

77 192.4 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 43.815 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015059.D

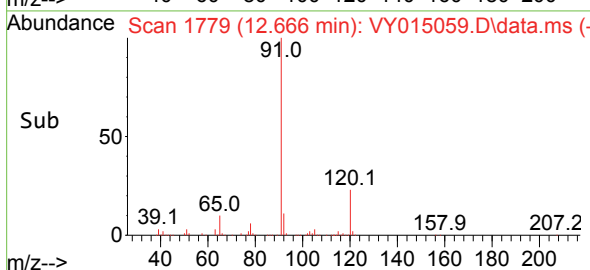
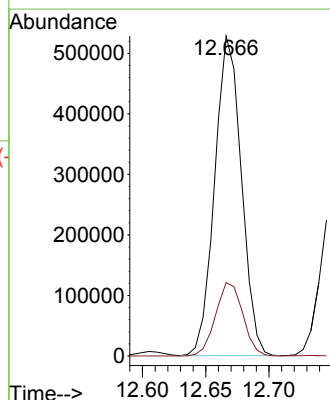
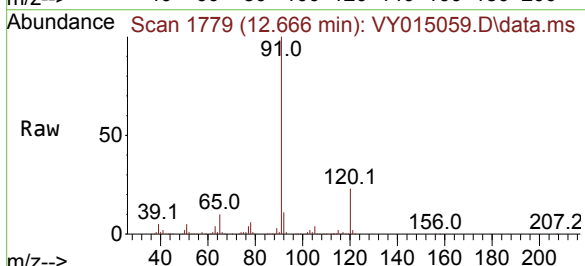
Acq: 11 Aug 2023 16:14

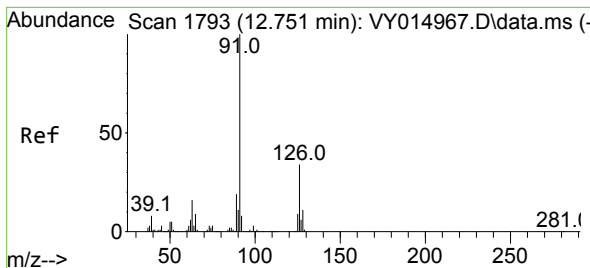
Tgt Ion: 91 Resp: 774126

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

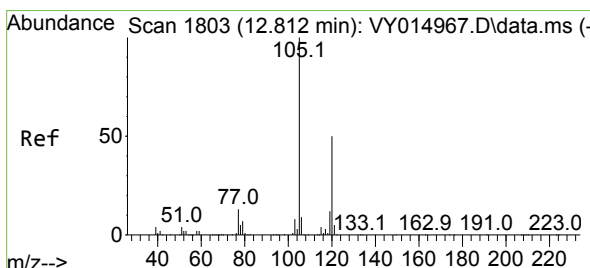
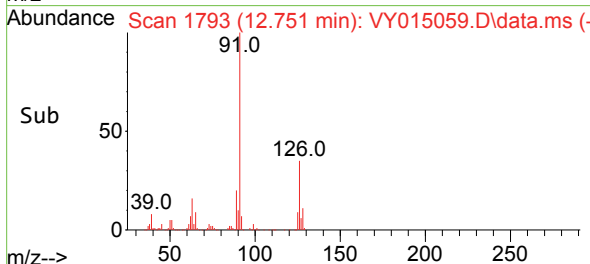
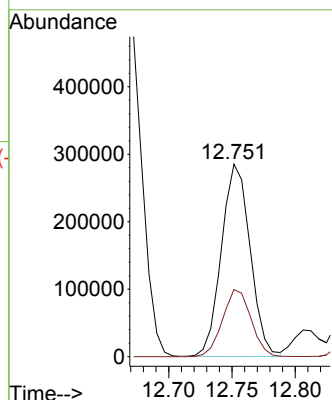
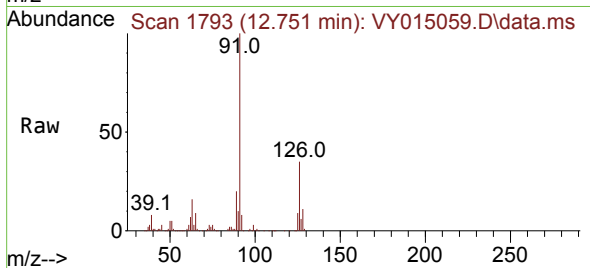




#79
2-Chlorotoluene
Concen: 44.796 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

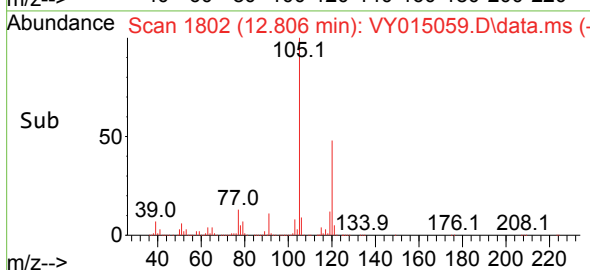
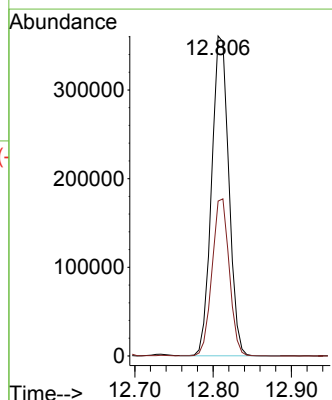
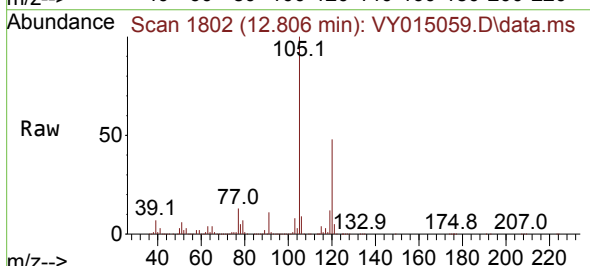
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

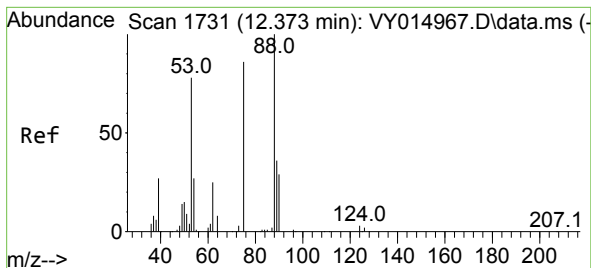
Tgt Ion: 91 Resp: 451076
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 45.220 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 105 Resp: 550475
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

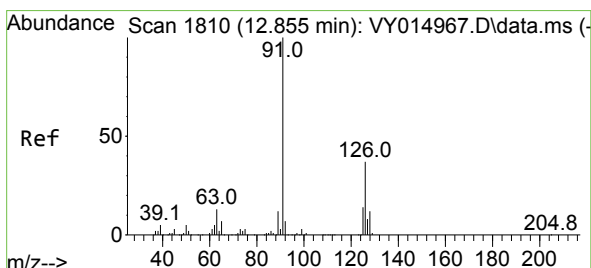
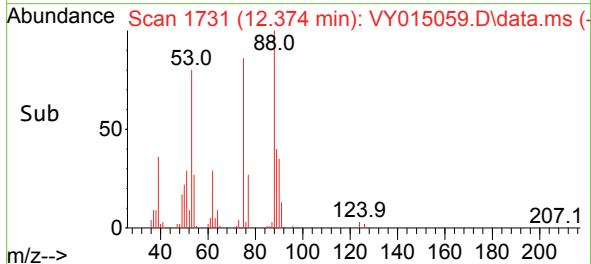
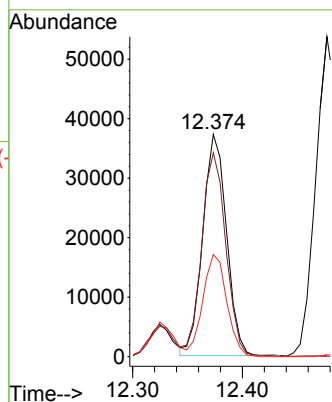
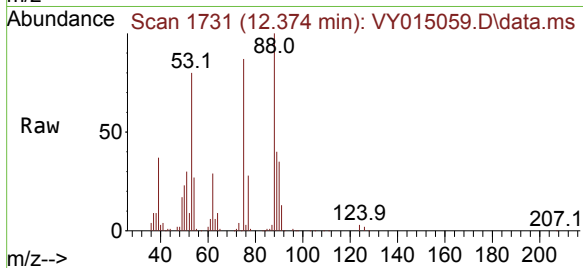




#81
trans-1,4-Dichloro-2-butene
Concen: 46.882 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

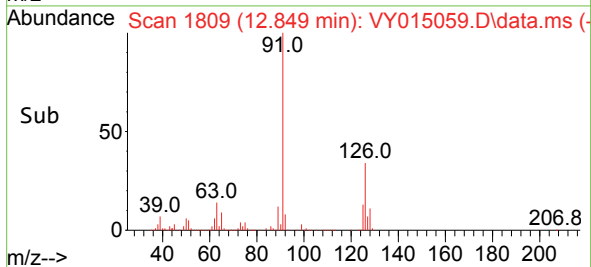
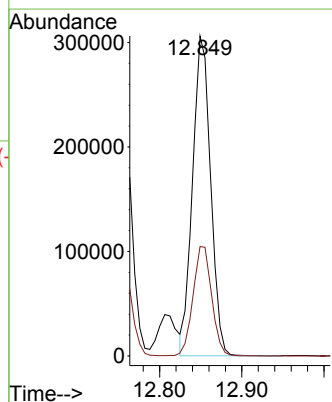
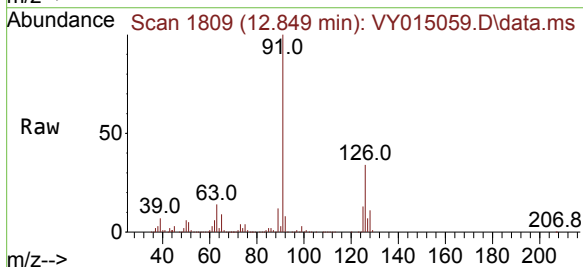
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

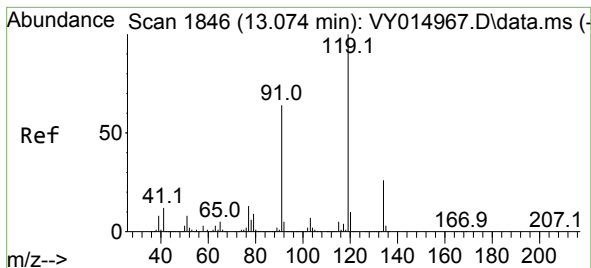
Tgt Ion: 75 Resp: 56035
Ion Ratio Lower Upper
75 100
53 93.9 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 44.720 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 91 Resp: 465519
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.230 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

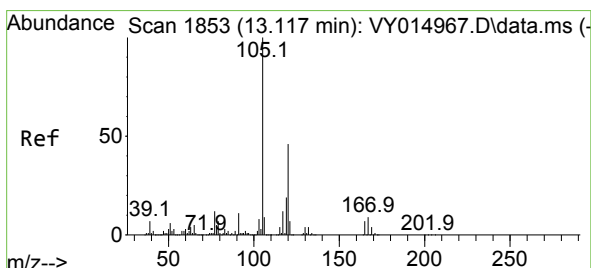
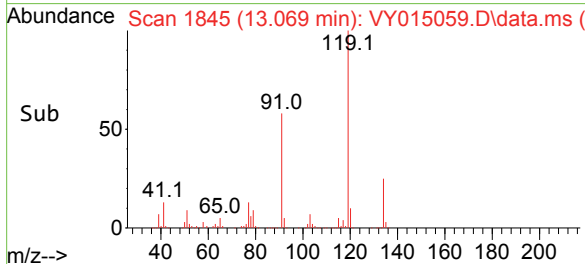
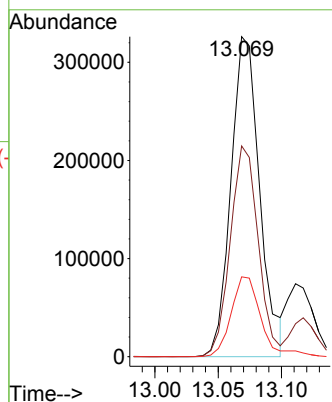
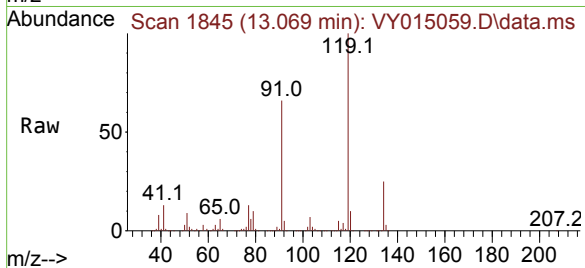
Tgt Ion:119 Resp: 514817

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 45.405 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015059.D

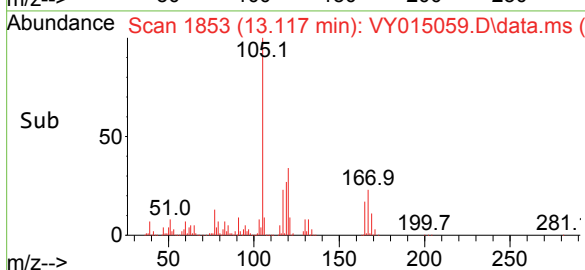
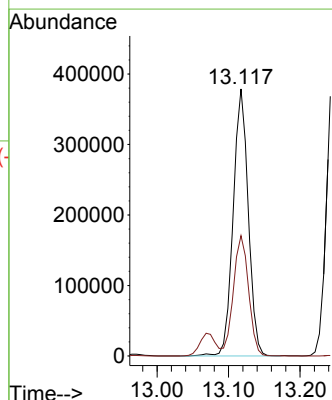
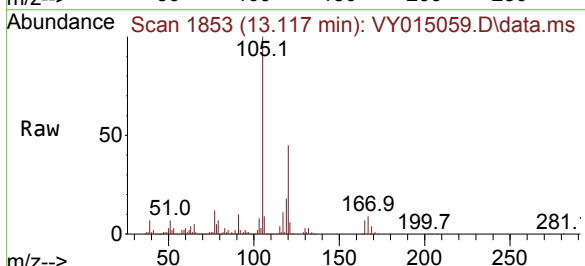
Acq: 11 Aug 2023 16:14

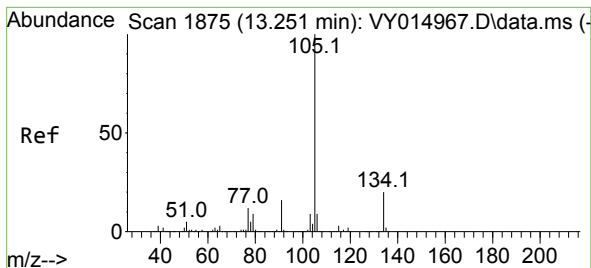
Tgt Ion:105 Resp: 553777

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.721 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

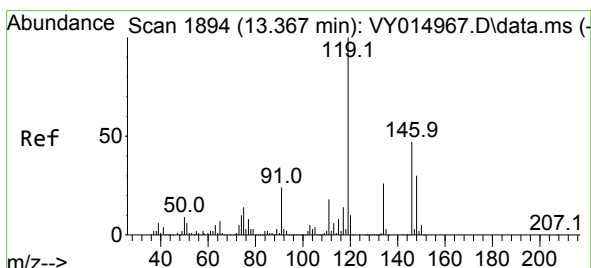
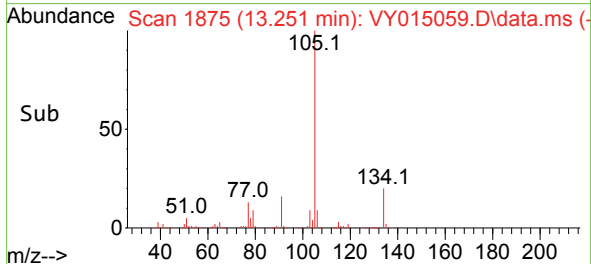
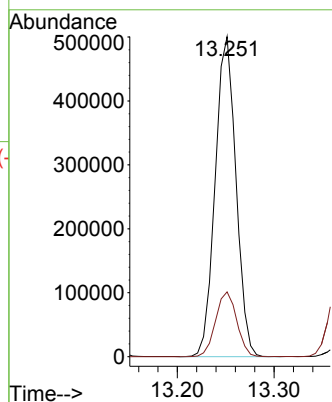
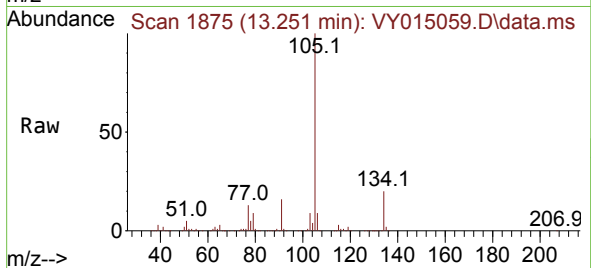
VSTDCCC050EC

Tgt Ion:105 Resp: 747261

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.518 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

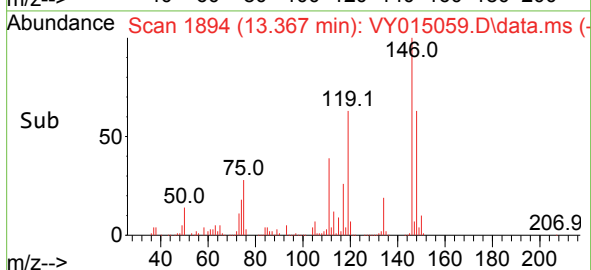
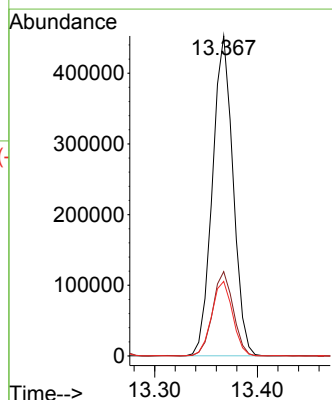
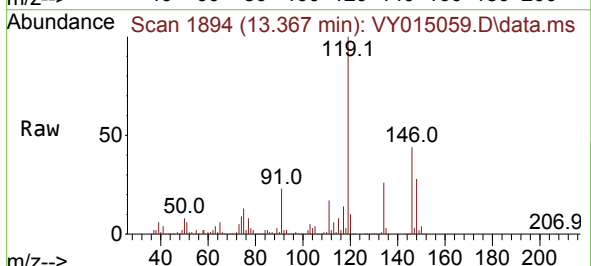
Tgt Ion:119 Resp: 629335

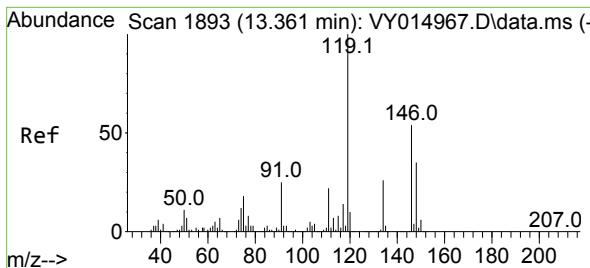
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.156 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

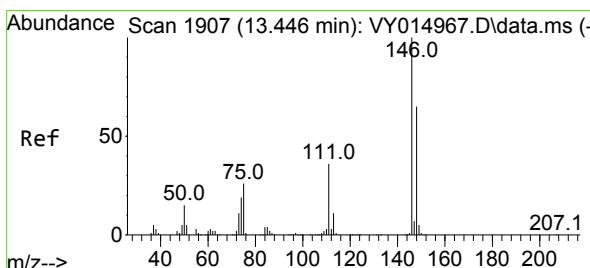
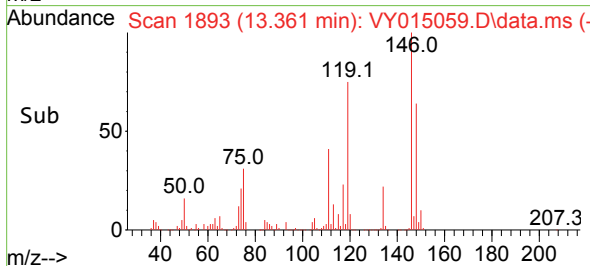
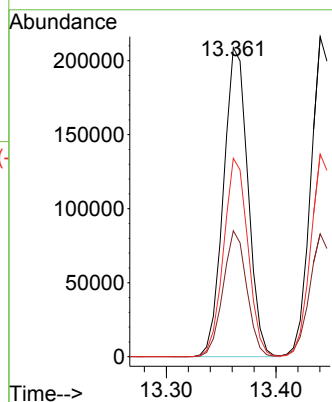
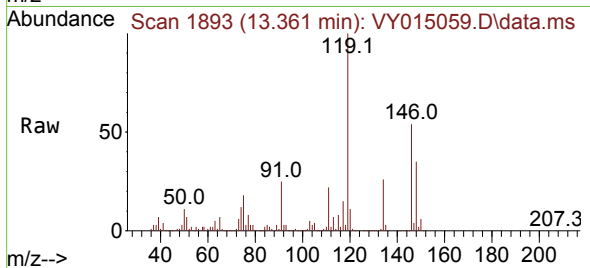
Tgt Ion:146 Resp: 323719

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.300 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

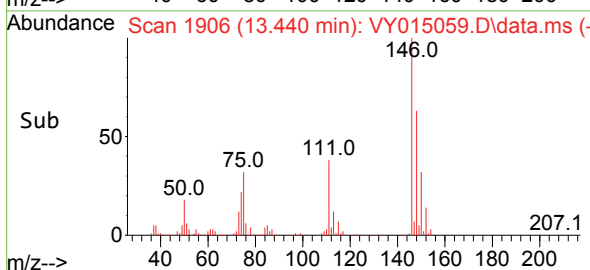
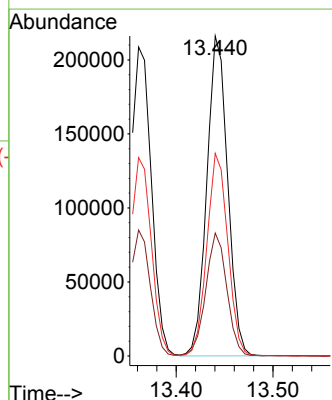
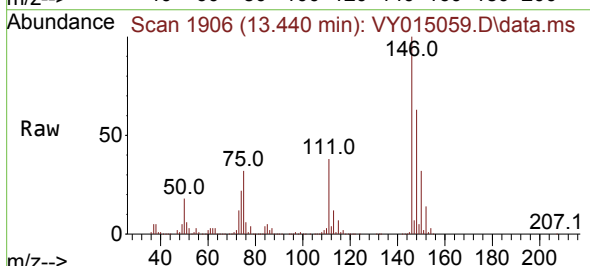
Tgt Ion:146 Resp: 323846

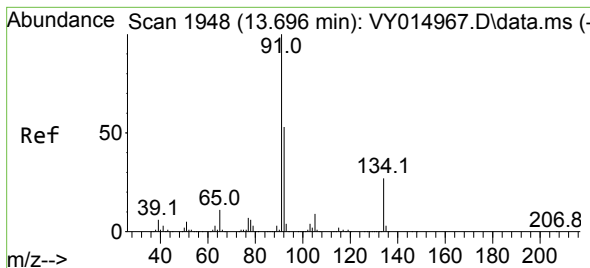
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 46.731 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

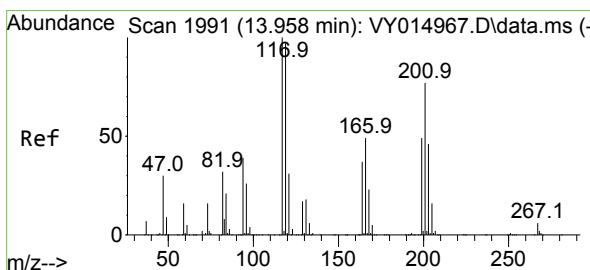
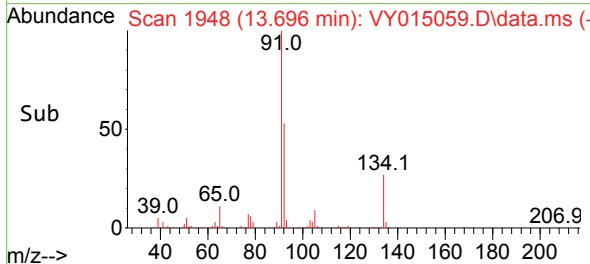
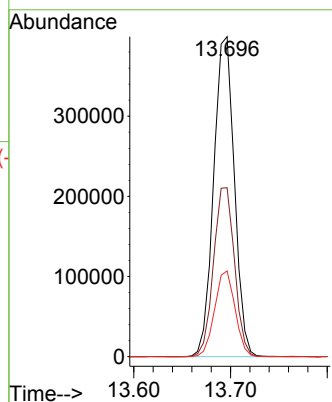
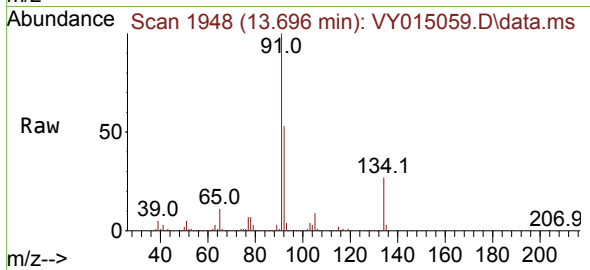
Tgt Ion: 91 Resp: 594015

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 46.933 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015059.D

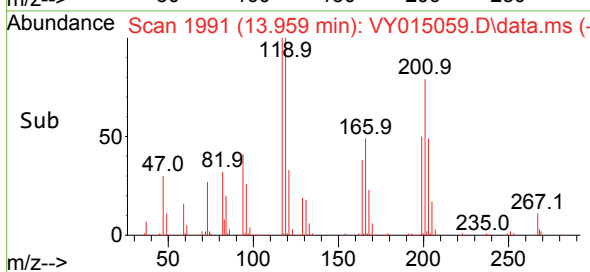
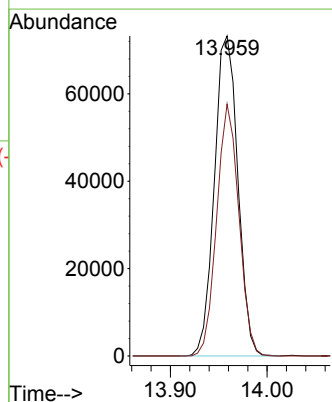
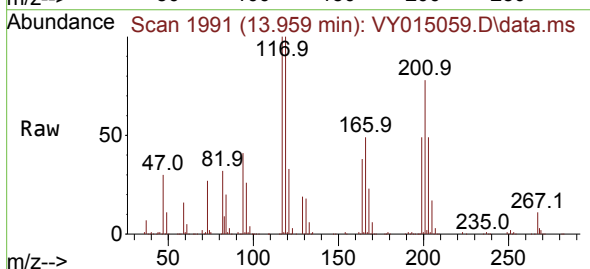
Acq: 11 Aug 2023 16:14

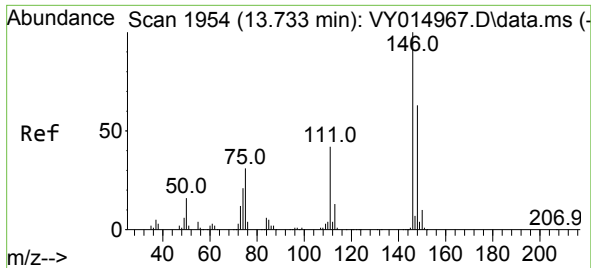
Tgt Ion: 117 Resp: 123304

Ion Ratio Lower Upper

117 100

201 74.4 41.6 124.8

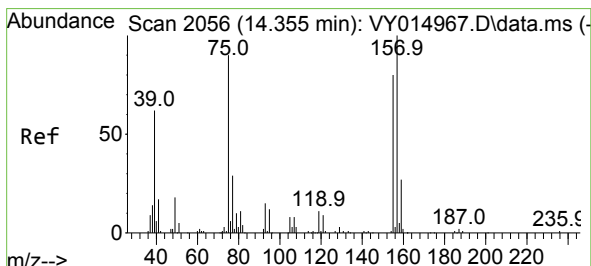
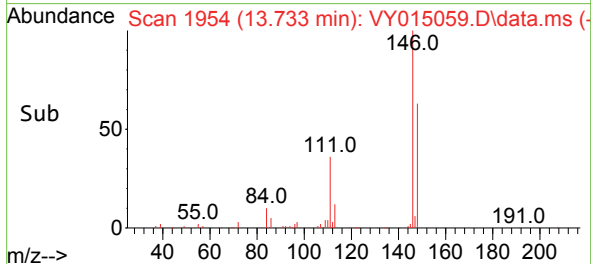
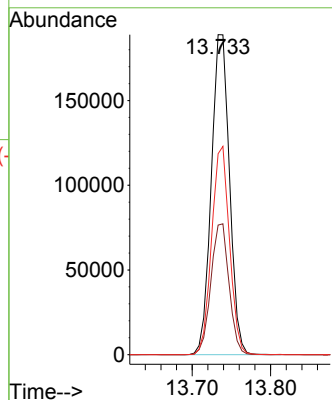
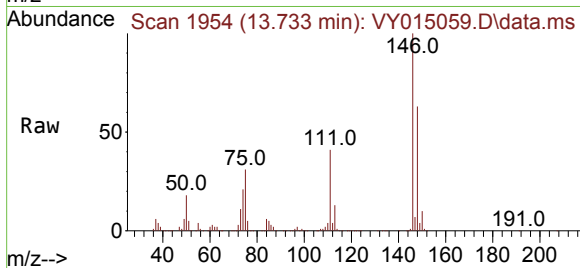




#91
1,2-Dichlorobenzene
Concen: 47.035 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

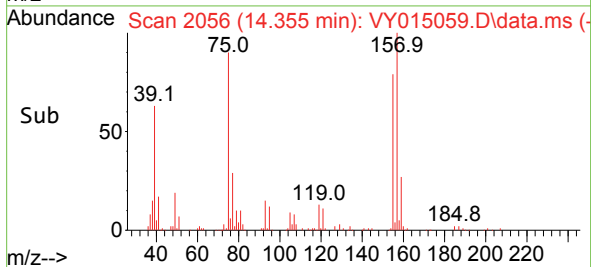
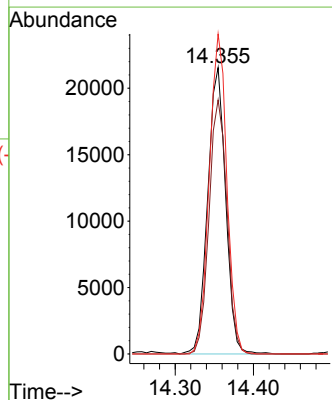
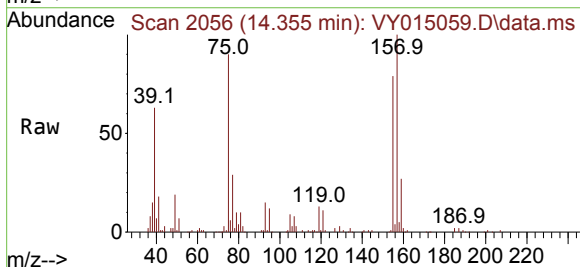
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

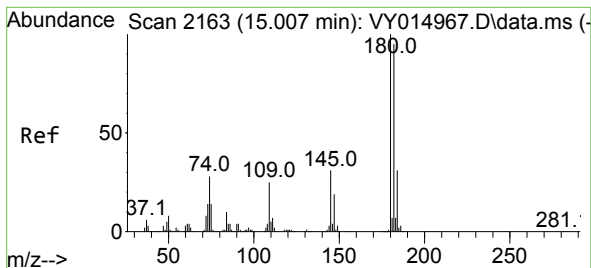
Tgt Ion:146 Resp: 304456
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.633 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015059.D
Acq: 11 Aug 2023 16:14

Tgt Ion: 75 Resp: 34279
Ion Ratio Lower Upper
75 100
155 88.3 41.5 124.6
157 109.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.666 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

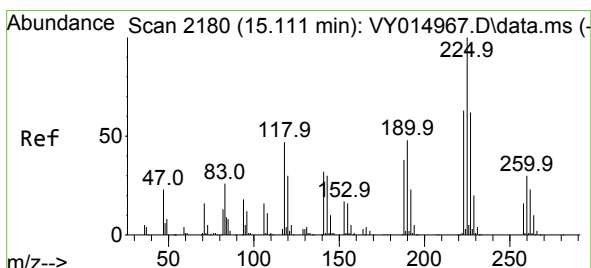
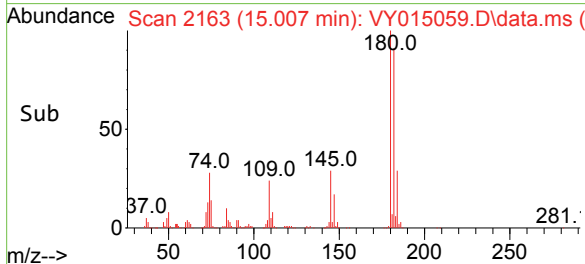
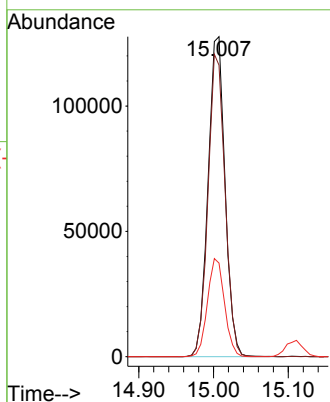
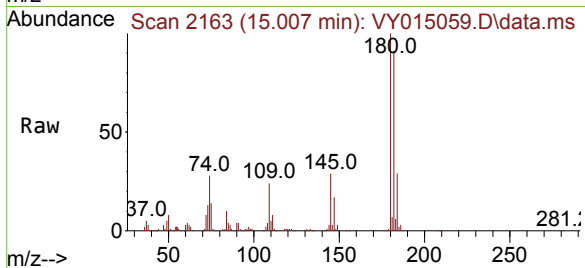
Tgt Ion:180 Resp: 201578

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.687 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

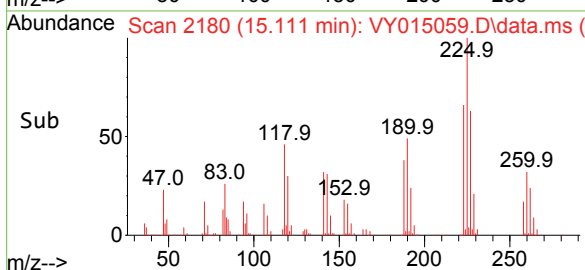
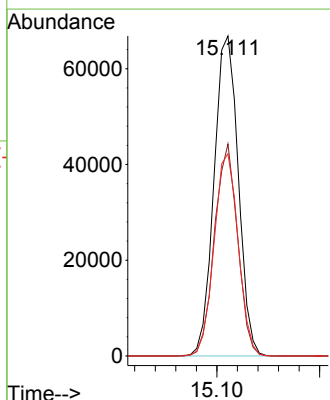
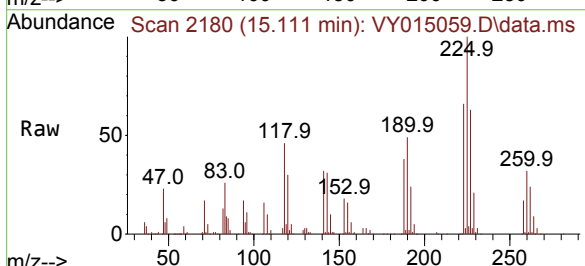
Tgt Ion:225 Resp: 109356

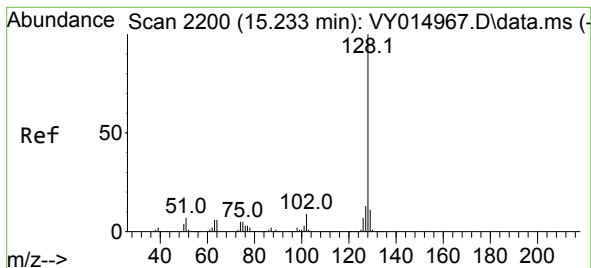
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 50.380 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

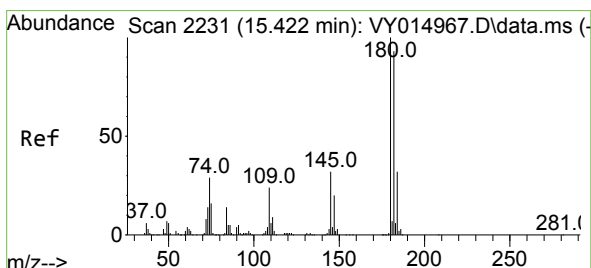
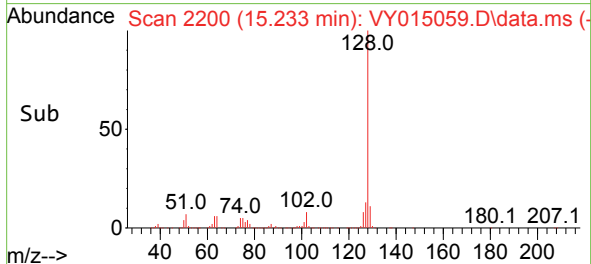
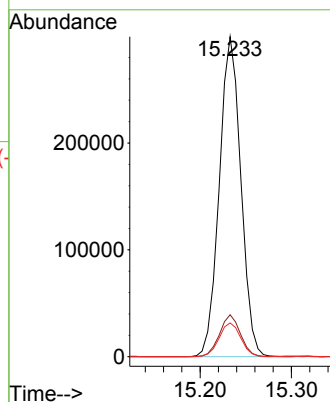
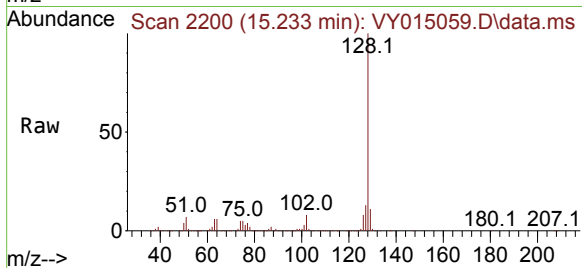
Tgt Ion:128 Resp: 491005

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.683 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015059.D

Acq: 11 Aug 2023 16:14

Tgt Ion:180 Resp: 182527

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.5 15.4 46.2

