

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013266.D
 Acq On : 12 Apr 2023 14:19
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY041223

Quant Time: Apr 13 05:40:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	264591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156348	49.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.340%
35) Dibromofluoromethane	7.716	113	135028	51.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.400%
50) Toluene-d8	10.179	98	508371	51.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.477	95	167379	52.482	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	122956	51.633	ug/l	98
3) Chloromethane	2.107	50	151863	50.903	ug/l	99
4) Vinyl Chloride	2.247	62	147671	52.207	ug/l	98
5) Bromomethane	2.650	94	107339	49.486	ug/l	93
6) Chloroethane	2.790	64	96863	50.778	ug/l	97
7) Trichlorofluoromethane	3.125	101	224928	51.091	ug/l	99
8) Diethyl Ether	3.527	74	77409	48.395	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	130092	50.285	ug/l	96
10) Methyl Iodide	4.082	142	175533	55.315	ug/l	95
11) Tert butyl alcohol	4.972	59	81774	207.628	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	126921	50.977	ug/l	96
13) Acrolein	3.729	56	88808	227.353	ug/l	98
14) Allyl chloride	4.472	41	250967	52.768	ug/l	94
15) Acrylonitrile	5.155	53	223053	242.677	ug/l	99
16) Acetone	3.948	43	274714	251.271	ug/l	96
17) Carbon Disulfide	4.186	76	419487	51.176	ug/l	100
18) Methyl Acetate	4.472	43	171149	48.402	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	388173	52.046	ug/l	99
20) Methylene Chloride	4.704	84	152126	52.931	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	144275	50.762	ug/l	95
22) Diisopropyl ether	6.112	45	491579	52.445	ug/l	96
23) Vinyl Acetate	6.051	43	1549451	261.493	ug/l	98
24) 1,1-Dichloroethane	6.009	63	266163	50.835	ug/l	96
25) 2-Butanone	6.984	43	339682	242.655	ug/l	96
26) 2,2-Dichloropropane	6.972	77	237734	50.609	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	159710	51.678	ug/l	97
28) Bromochloromethane	7.332	49	103868	49.776	ug/l	97
29) Tetrahydrofuran	7.344	42	212422	249.846	ug/l	98
30) Chloroform	7.496	83	266609	50.318	ug/l	98
31) Cyclohexane	7.783	56	242467	50.430	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	242787	50.651	ug/l	98
36) 1,1-Dichloropropene	7.911	75	207991	52.062	ug/l	100
37) Ethyl Acetate	7.070	43	160094	49.714	ug/l #	94
38) Carbon Tetrachloride	7.899	117	224393	50.797	ug/l	96
39) Methylcyclohexane	9.179	83	249880	53.804	ug/l	98
40) Benzene	8.155	78	593053	51.290	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	198622	144.651	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	196112	50.025	ug/l	97
43) Isopropyl Acetate	8.271	43	267173	49.949	ug/l	97
44) Trichloroethene	8.935	130	153839	51.648	ug/l	95
45) 1,2-Dichloropropane	9.209	63	151973	50.639	ug/l	100
46) Dibromomethane	9.301	93	90628	50.176	ug/l	98
47) Bromodichloromethane	9.490	83	206967	50.124	ug/l	97
48) Methyl methacrylate	9.289	41	127514	51.899	ug/l	96
49) 1,4-Dioxane	9.313	88	24714	1009.891	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	731514	251.290	ug/l	97
52) Toluene	10.240	92	360382	51.616	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	223159	51.607	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	244778	51.624	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	117039	49.144	ug/l	98
56) Ethyl methacrylate	10.508	69	175499	53.820	ug/l	94
57) 1,3-Dichloropropane	10.788	76	205341	50.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	323284	237.435	ug/l	96
59) 2-Hexanone	10.831	43	543564	256.803	ug/l	97
60) Dibromochloromethane	10.983	129	149501	50.064	ug/l	98
61) 1,2-Dibromoethane	11.087	107	119460	51.512	ug/l	98
64) Tetrachloroethene	10.721	164	131815	51.548	ug/l	97
65) Chlorobenzene	11.514	112	382890	50.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	146716	51.562	ug/l	100
67) Ethyl Benzene	11.593	91	696601	52.749	ug/l	100
68) m/p-Xylenes	11.703	106	540011	106.875	ug/l	99
69) o-Xylene	12.026	106	252942	54.052	ug/l	100
70) Styrene	12.044	104	424971	53.769	ug/l	98
71) Bromoform	12.209	173	100565	51.016	ug/l #	98
73) Isopropylbenzene	12.331	105	663132	53.795	ug/l	99
74) N-amyl acetate	12.142	43	229617	52.211	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	148489	48.761	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	200639	89.291	ug/l #	100
77) Bromobenzene	12.605	156	160607	52.100	ug/l	98
78) n-propylbenzene	12.672	91	821815	53.980	ug/l	100
79) 2-Chlorotoluene	12.758	91	456359	53.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	560608	54.294	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	54237	50.268	ug/l	94
82) 4-Chlorotoluene	12.855	91	473479	52.407	ug/l	99
83) tert-Butylbenzene	13.075	119	484539	54.689	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	550898	54.821	ug/l	97
85) sec-Butylbenzene	13.251	105	713163	53.826	ug/l	99
86) p-Isopropyltoluene	13.367	119	601275	55.304	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	311553	52.430	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	306875	51.104	ug/l	99
89) n-Butylbenzene	13.696	91	565792	54.410	ug/l	98
90) Hexachloroethane	13.959	117	117312	51.749	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	281181	52.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27935	50.515	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	176681	54.976	ug/l	99
94) Hexachlorobutadiene	15.111	225	102960	54.104	ug/l	99
95) Naphthalene	15.239	128	390089	49.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	159729	54.554	ug/l	99

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QLast Update : Thu Apr 13 05:34:38 2023
Response via : Initial Calibration

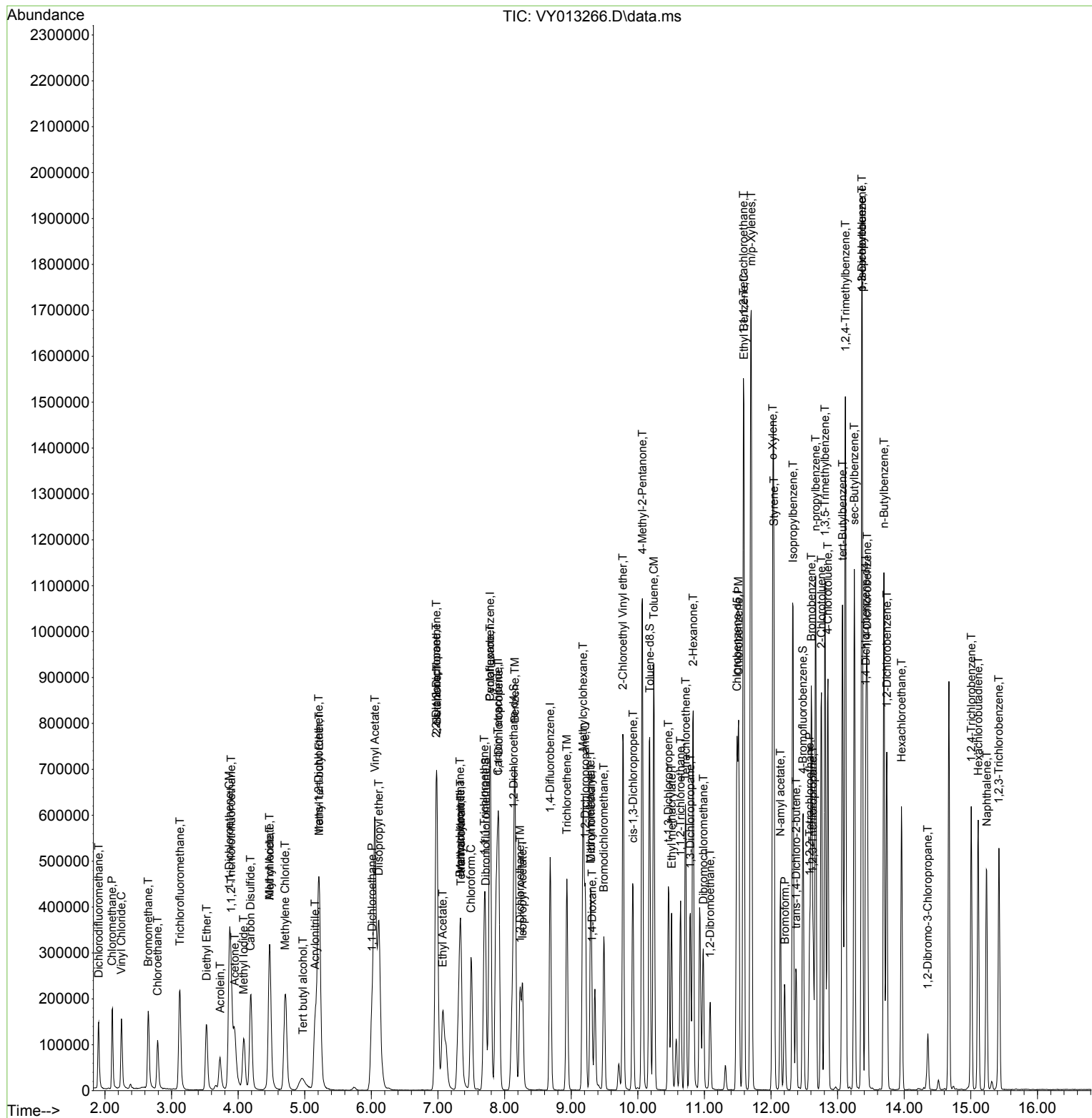
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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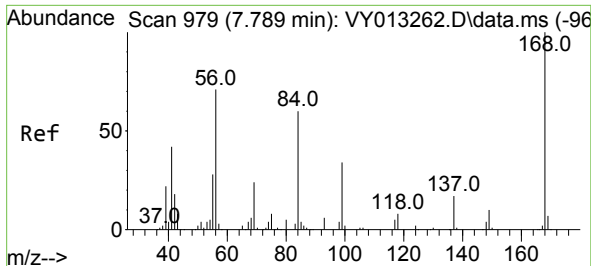
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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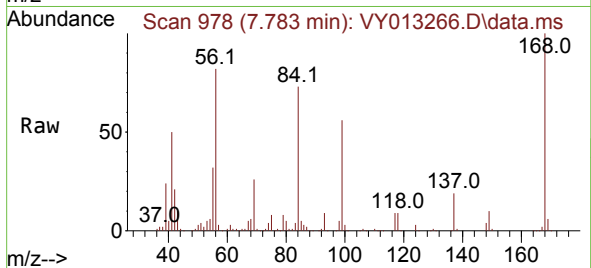
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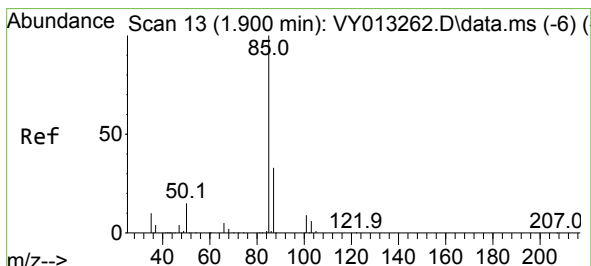
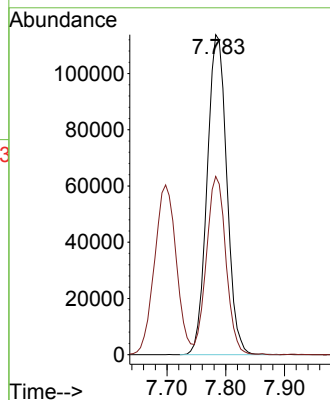
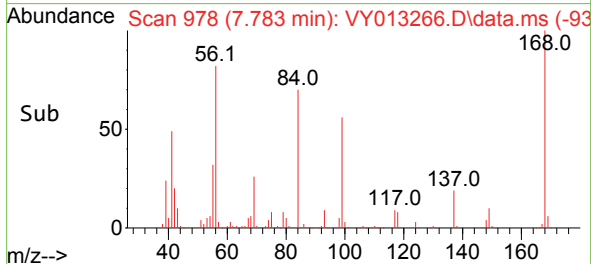


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013266.D
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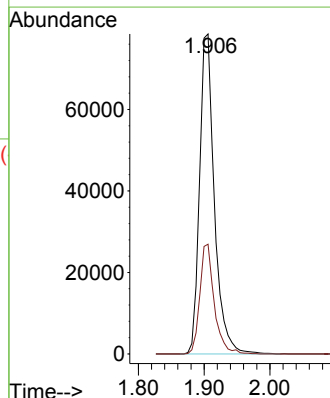
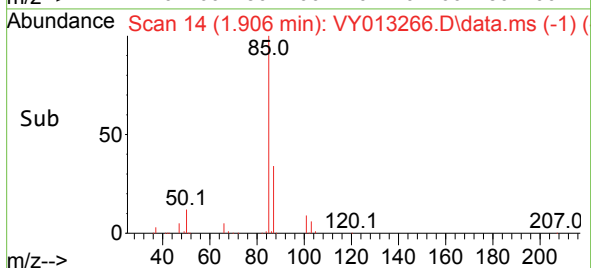
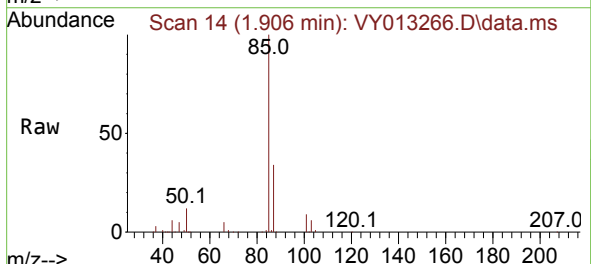


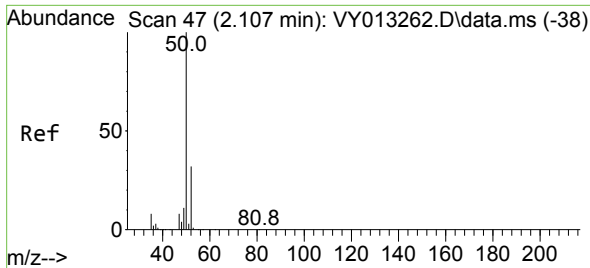
Tgt Ion:168 Resp: 264591
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 51.633 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 85 Resp: 122956
Ion Ratio Lower Upper
85 100
87 34.3 16.7 50.0

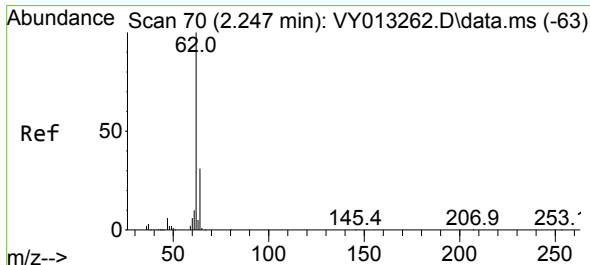
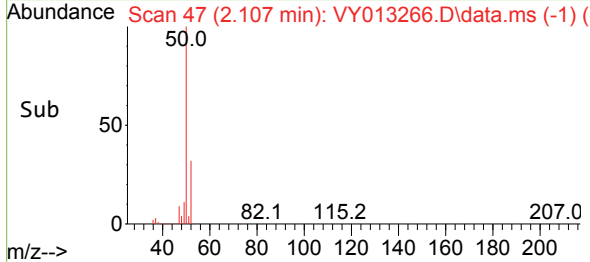
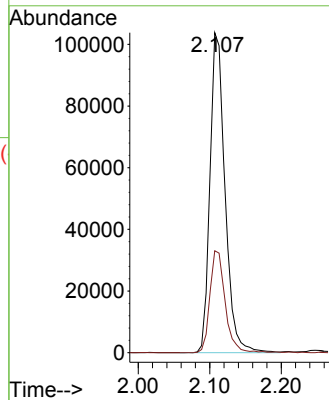
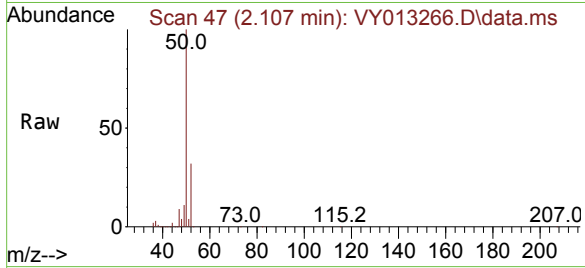




#3
Chloromethane
Concen: 50.903 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

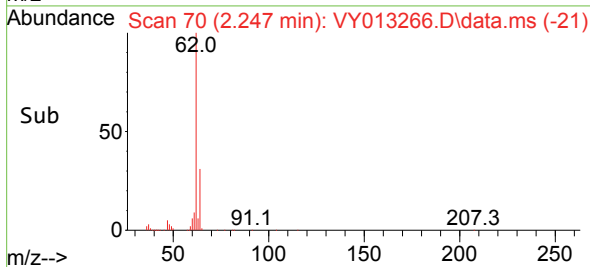
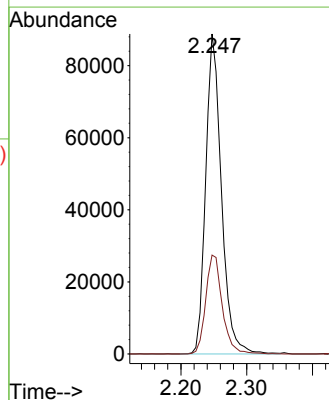
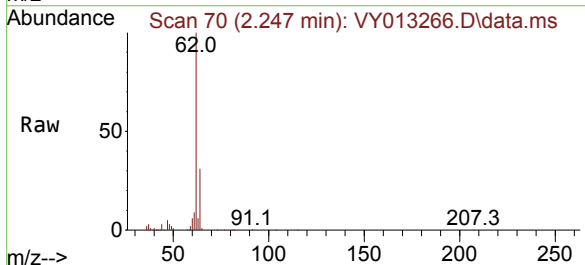
Instrument :
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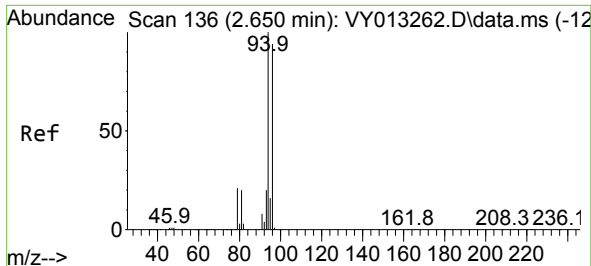
Tgt Ion: 50 Resp: 151863
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 52.207 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 62 Resp: 147671
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4

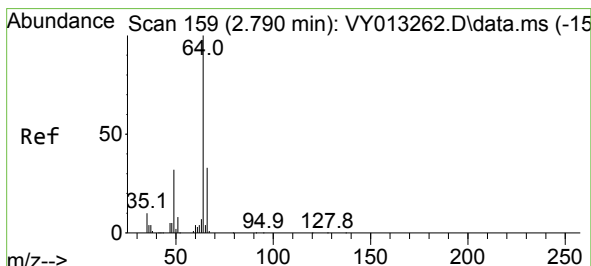
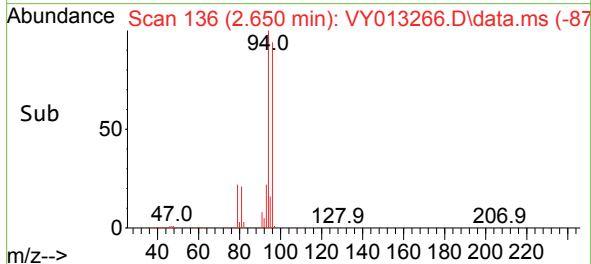
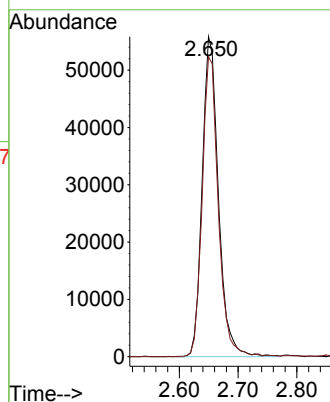
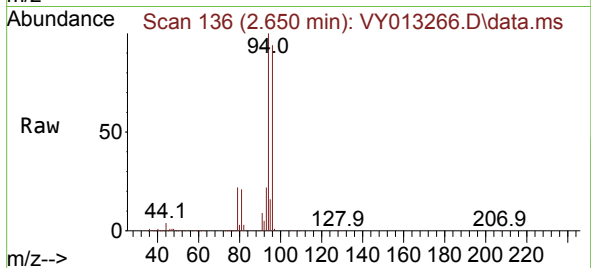




#5
Bromomethane
Concen: 49.486 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013266.D
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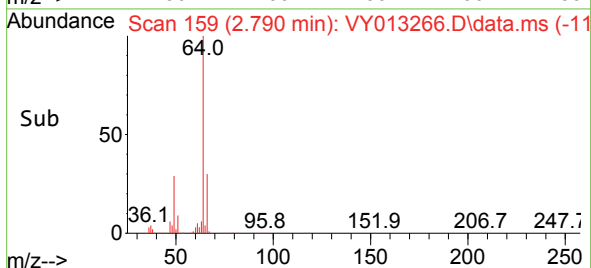
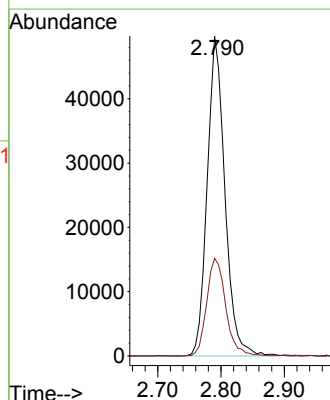
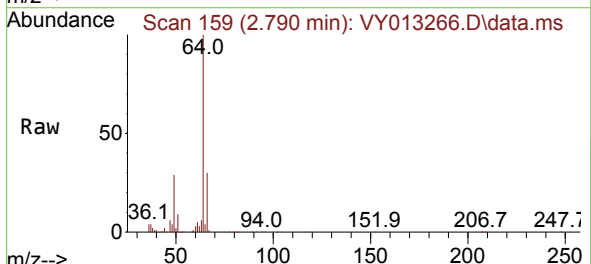
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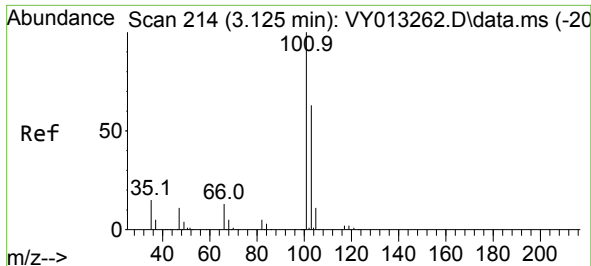
Tgt Ion: 94 Resp: 107339
Ion Ratio Lower Upper
94 100
96 93.6 80.3 120.5



#6
Chloroethane
Concen: 50.778 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 96863
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5

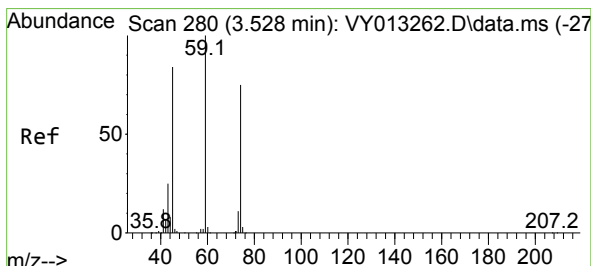
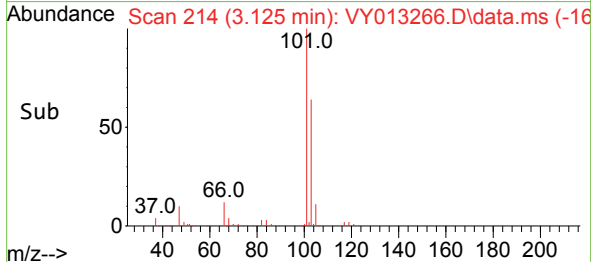
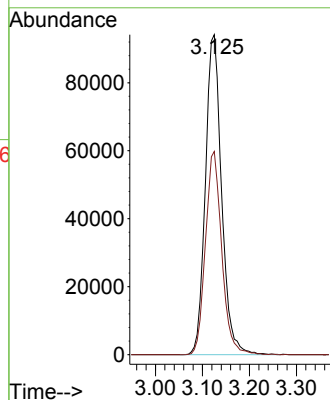
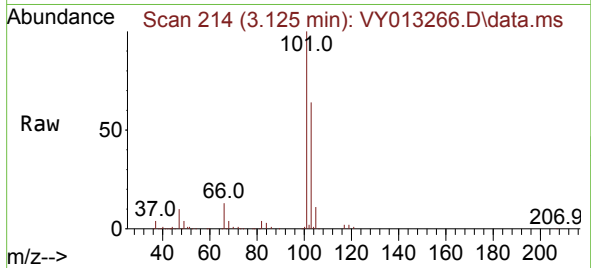




#7
 Trichlorofluoromethane
 Concen: 51.091 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013266.D
 Acq: 12 Apr 2023 14:19

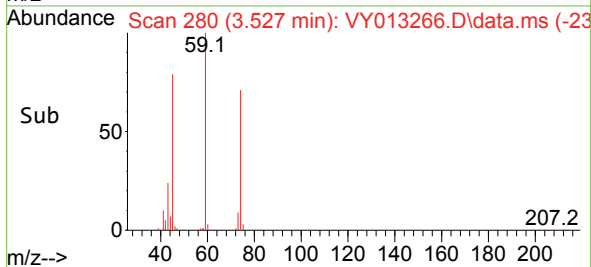
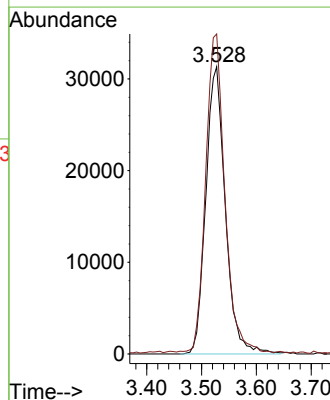
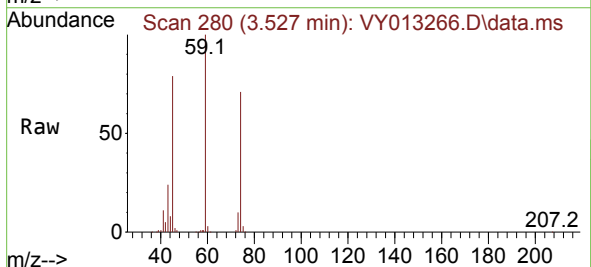
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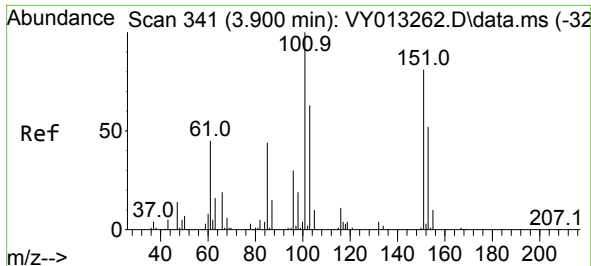
Tgt Ion:101 Resp: 224928
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 48.395 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 77409
 Ion Ratio Lower Upper
 74 100
 45 109.2 52.1 156.4

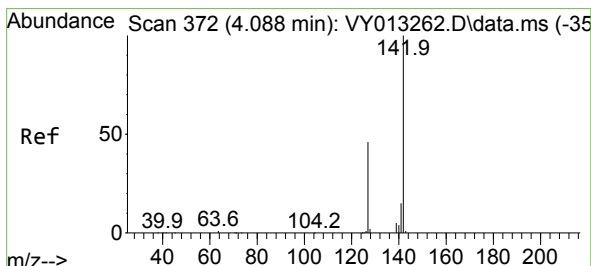
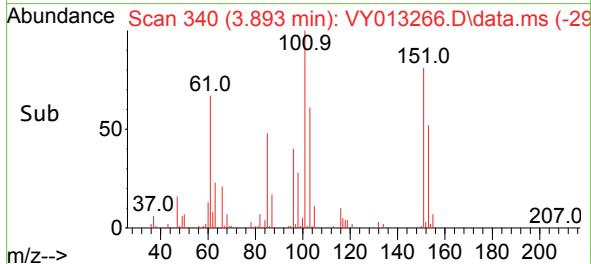
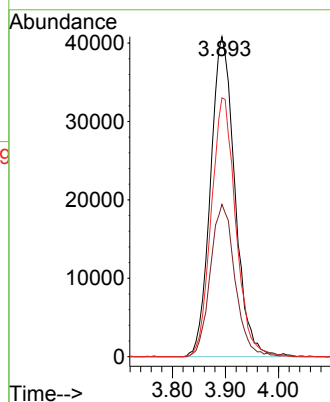
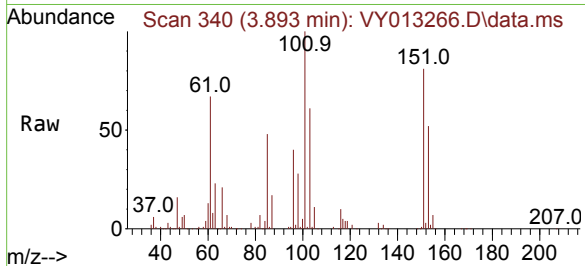




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.285 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

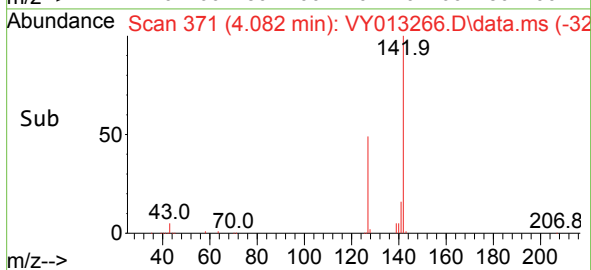
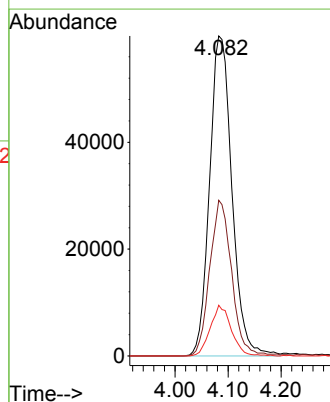
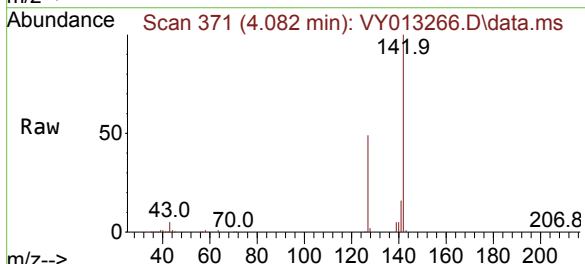
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

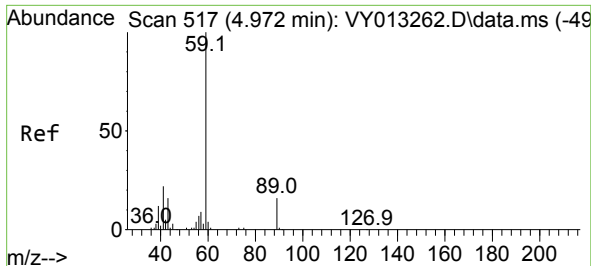
Tgt Ion:101 Resp: 130092
Ion Ratio Lower Upper
101 100
85 48.2 35.3 52.9
151 81.4 63.1 94.7



#10
Methyl Iodide
Concen: 55.315 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion:142 Resp: 175533
Ion Ratio Lower Upper
142 100
127 47.8 35.4 53.2
141 15.0 11.3 16.9

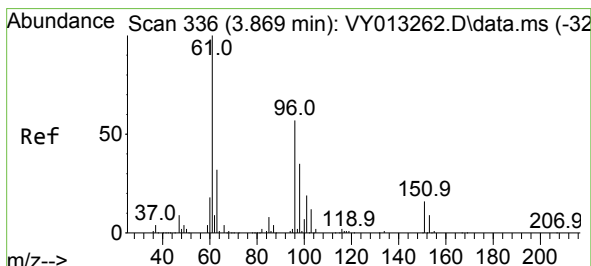
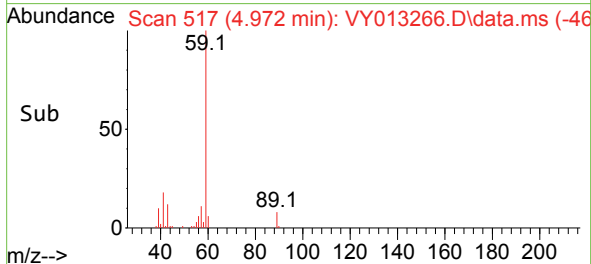
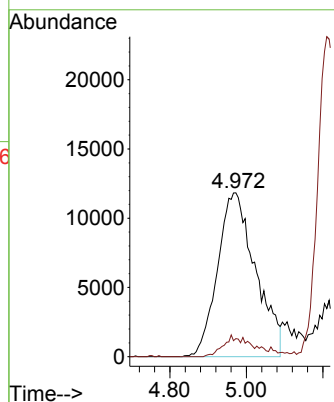
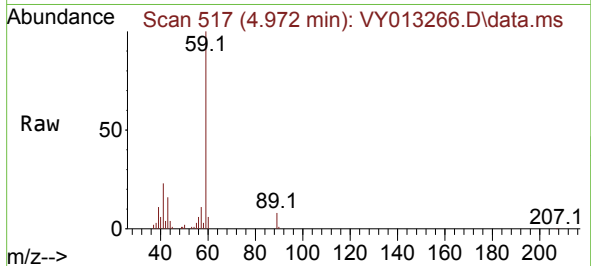




#11
Tert butyl alcohol
Concen: 207.628 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

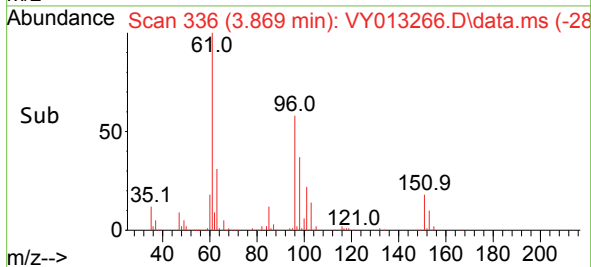
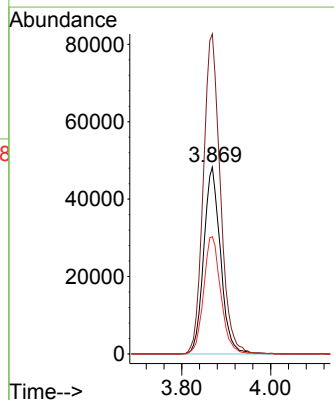
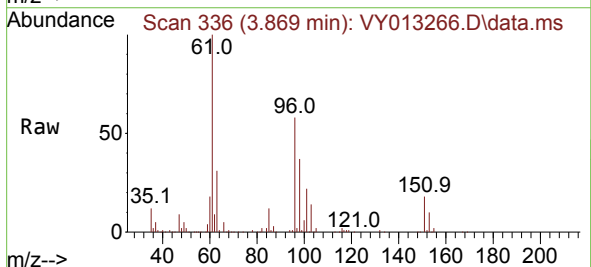
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

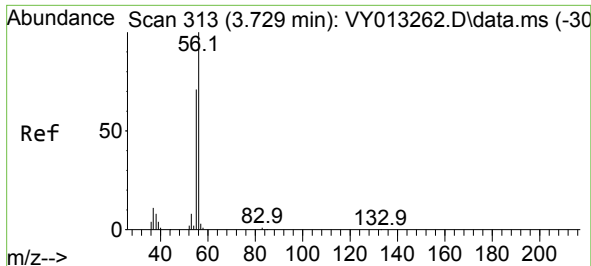
Tgt Ion: 59 Resp: 81774
Ion Ratio Lower Upper
59 100
57 5.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 50.977 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 96 Resp: 126921
Ion Ratio Lower Upper
96 100
61 171.2 131.7 197.5
98 62.7 52.0 78.0





#13

Acrolein

Concen: 227.353 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

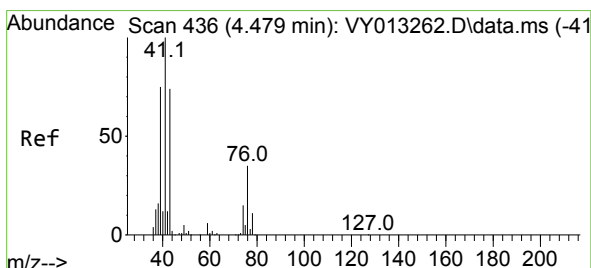
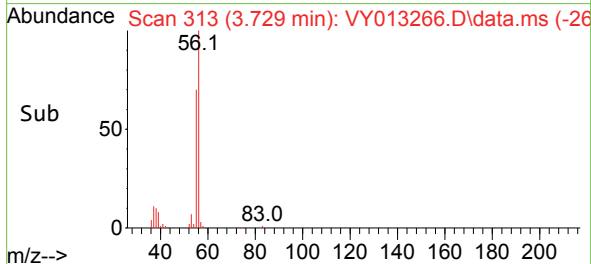
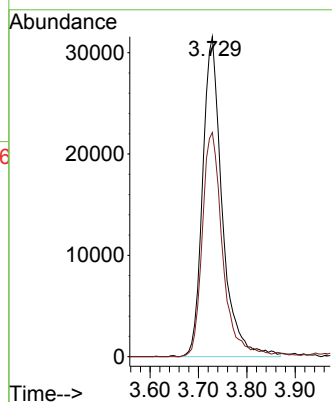
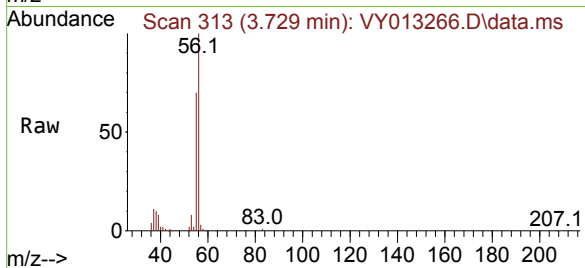
ICVVY041223

Tgt Ion: 56 Resp: 88808

Ion Ratio Lower Upper

56 100

55 72.6 56.8 85.2



#14

Allyl chloride

Concen: 52.768 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

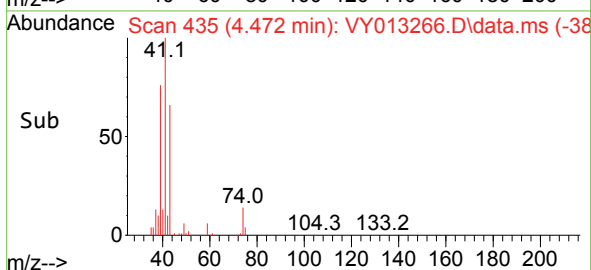
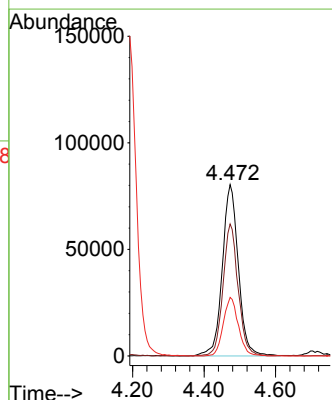
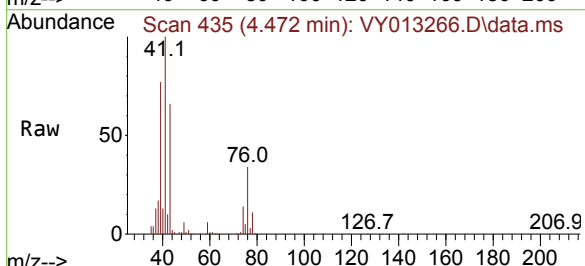
Tgt Ion: 41 Resp: 250967

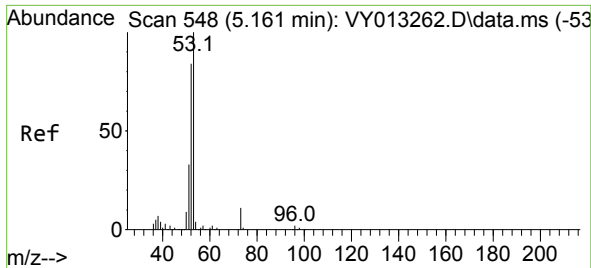
Ion Ratio Lower Upper

41 100

39 72.7 53.6 80.4

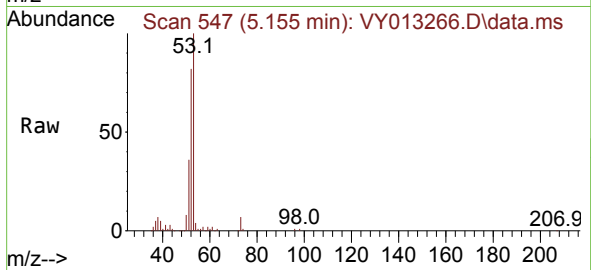
76 32.0 27.2 40.8



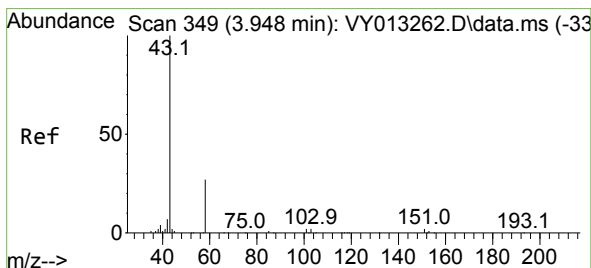
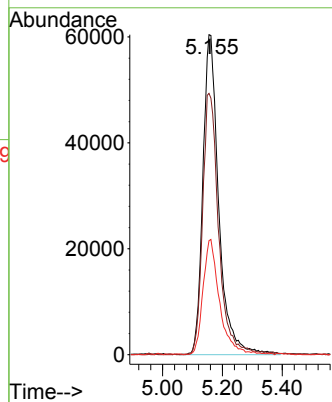
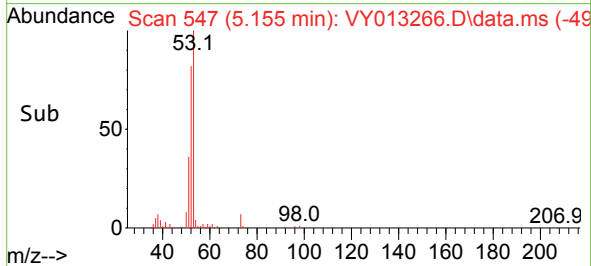


#15
Acrylonitrile
Concen: 242.677 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

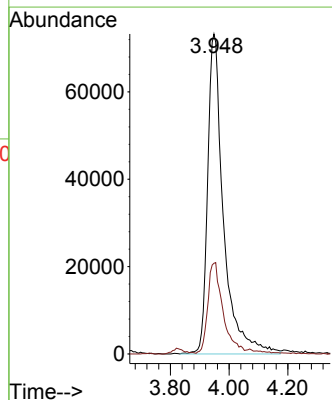
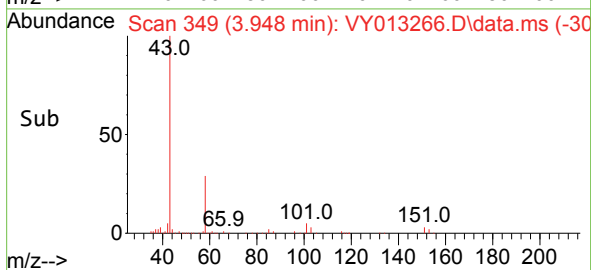
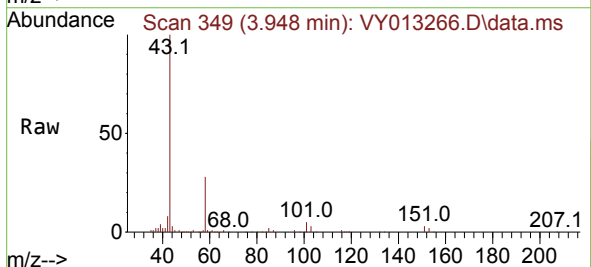


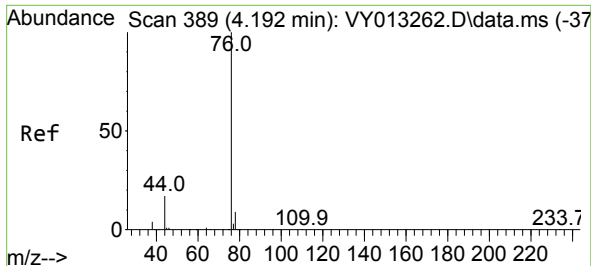
Tgt Ion: 53 Resp: 223053
Ion Ratio Lower Upper
53 100
52 82.5 66.3 99.5
51 37.7 28.8 43.2



#16
Acetone
Concen: 251.271 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 43 Resp: 274714
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.2

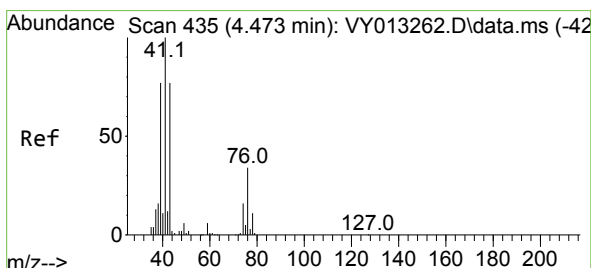
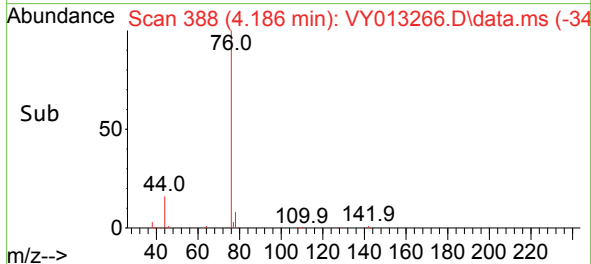
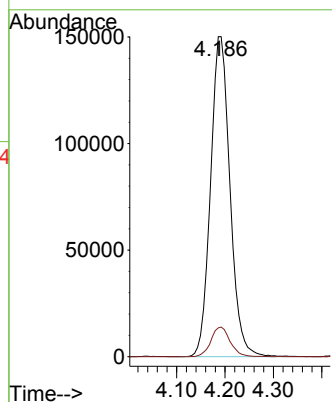
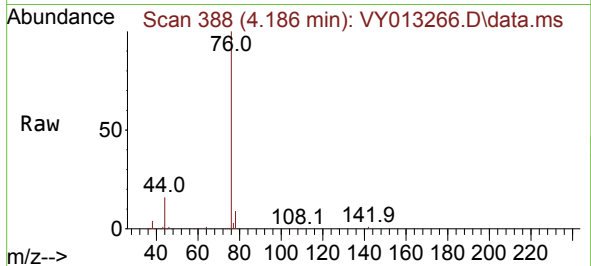




#17
Carbon Disulfide
Concen: 51.176 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

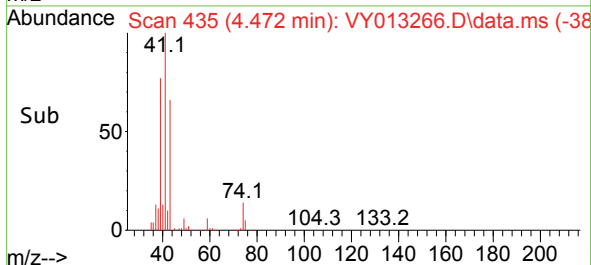
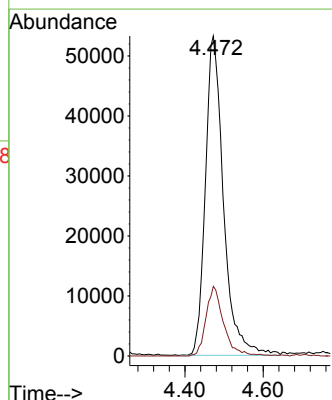
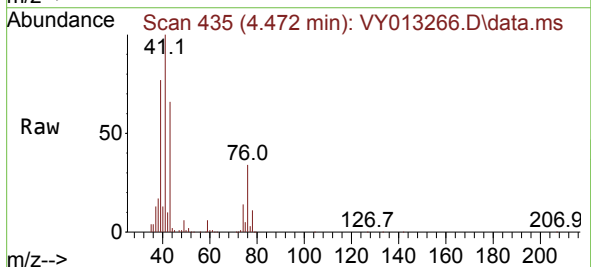
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

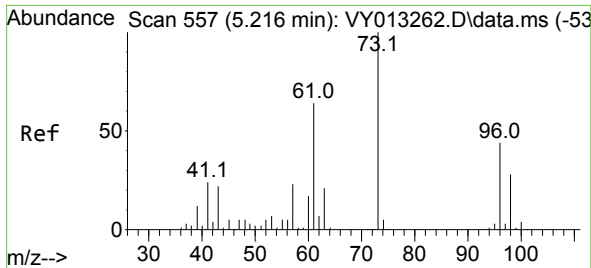
Tgt Ion: 76 Resp: 419487
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 48.402 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 43 Resp: 171149
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0

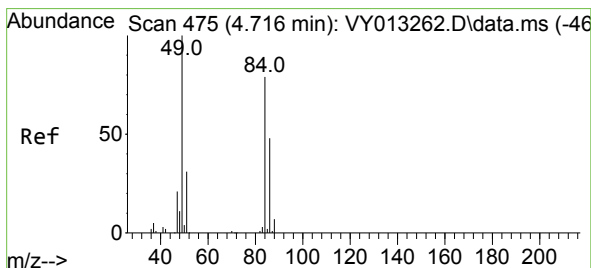
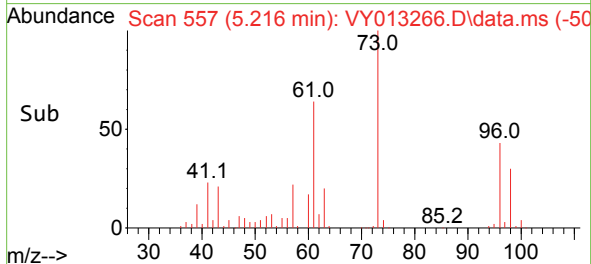
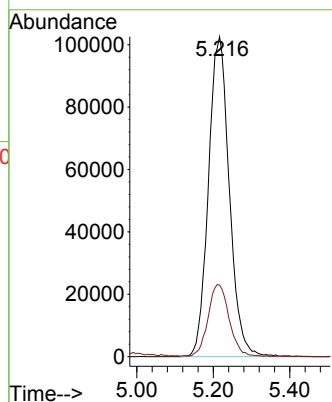
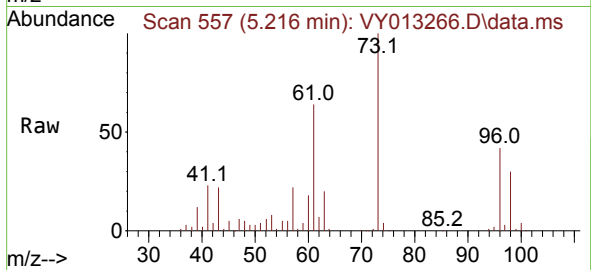




#19
Methyl tert-butyl Ether
Concen: 52.046 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

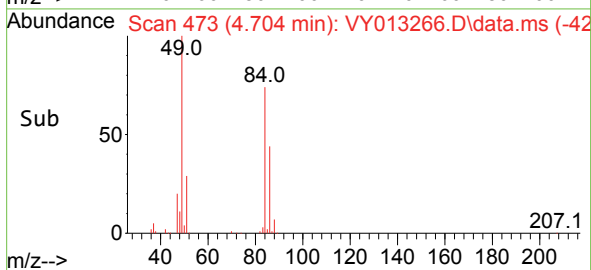
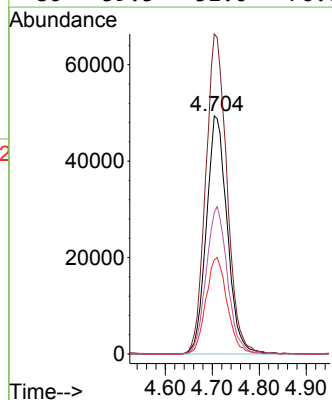
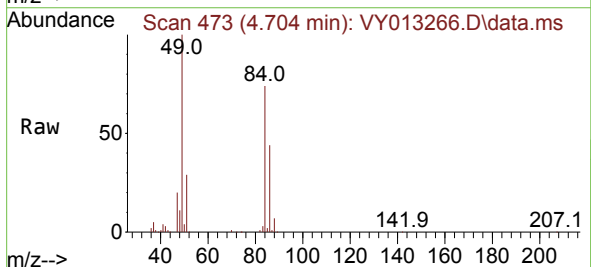
Instrument :
MSVOA_Y
ClientSampleId :
ICVY041223

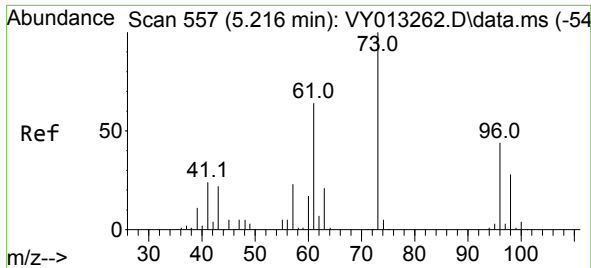
Tgt Ion: 73 Resp: 388173
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 52.931 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 84 Resp: 152126
Ion Ratio Lower Upper
84 100
49 134.2 102.6 154.0
51 39.5 31.9 47.9
86 59.5 51.0 76.6

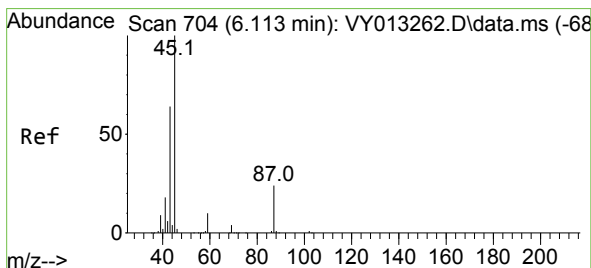
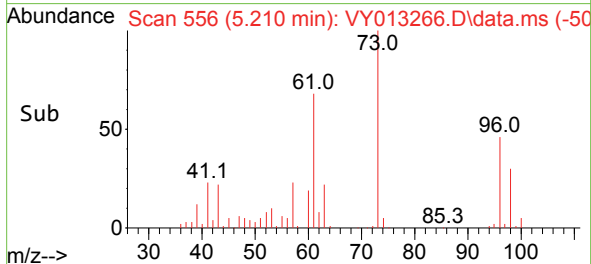
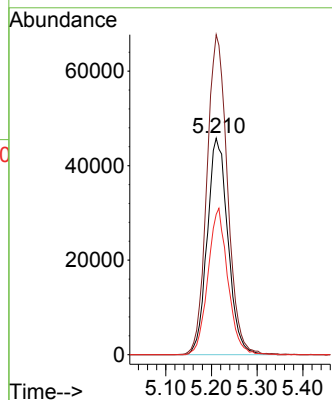
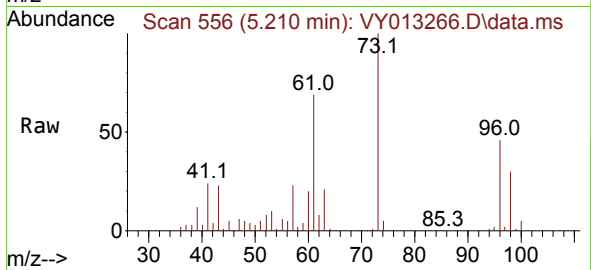




#21
trans-1,2-Dichloroethene
Concen: 50.762 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

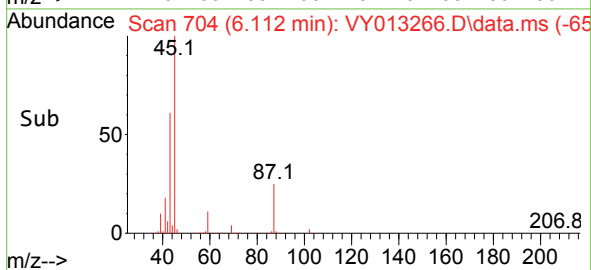
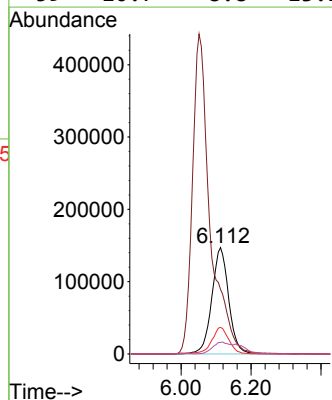
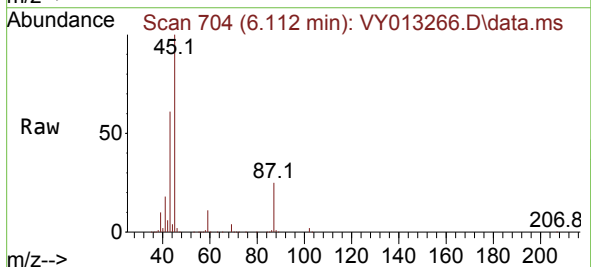
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

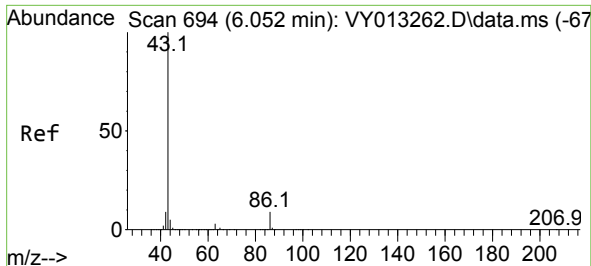
Tgt Ion: 96 Resp: 144275
Ion Ratio Lower Upper
96 100
61 147.7 111.4 167.0
98 64.8 50.8 76.2



#22
Diisopropyl ether
Concen: 52.445 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 45 Resp: 491579
Ion Ratio Lower Upper
45 100
43 60.4 45.0 67.6
87 25.0 20.3 30.5
59 10.7 8.8 13.2

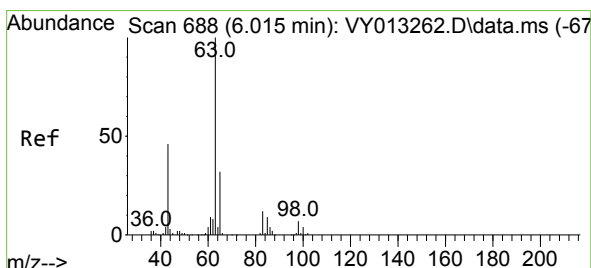
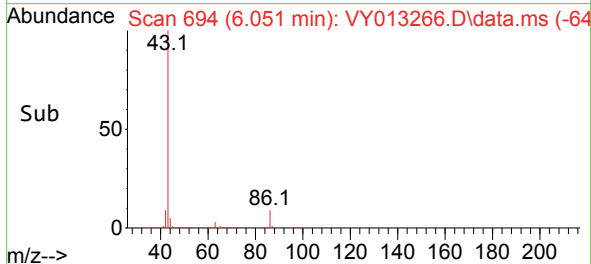
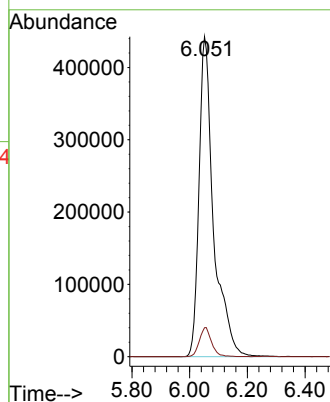
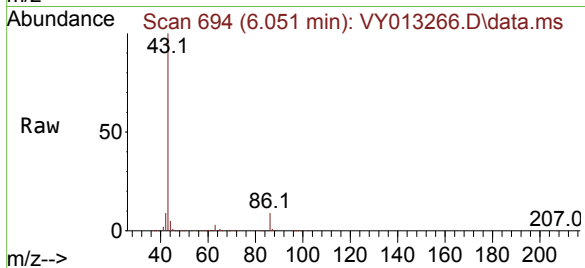




#23
 Vinyl Acetate
 Concen: 261.493 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY013266.D
 Acq: 12 Apr 2023 14:19

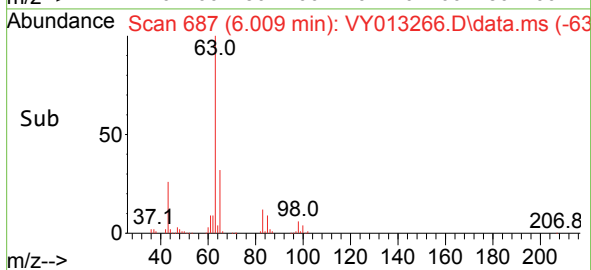
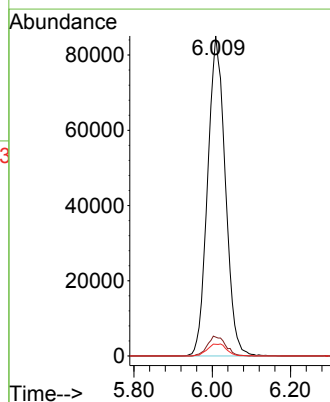
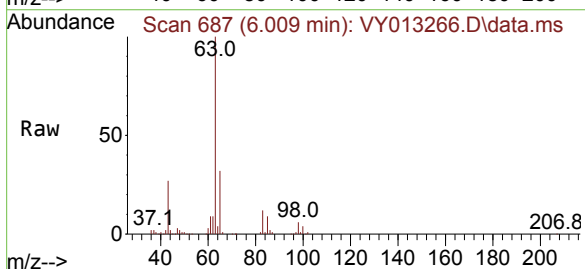
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041223

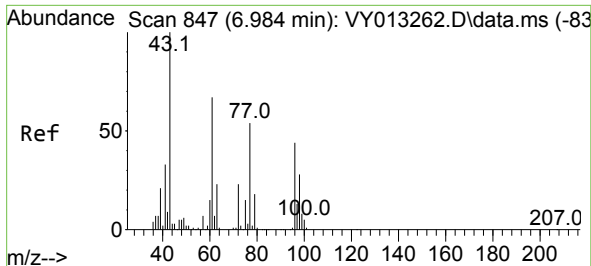
Tgt Ion: 43 Resp: 1549451
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.835 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013266.D
 Acq: 12 Apr 2023 14:19

Tgt Ion: 63 Resp: 266163
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.7 11.1
 100 3.6 2.3 6.8

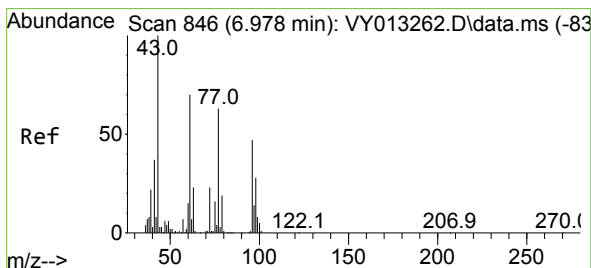
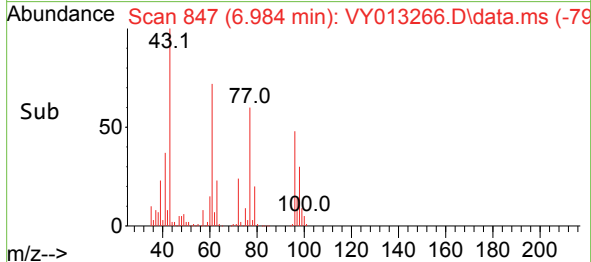
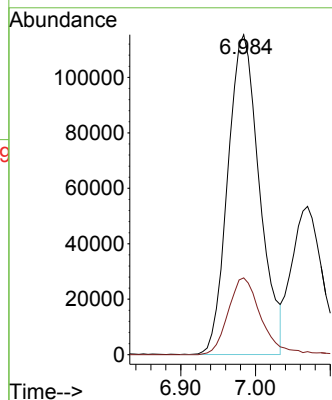
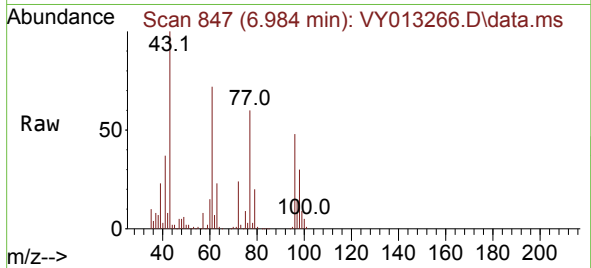




#25
2-Butanone
Concen: 242.655 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

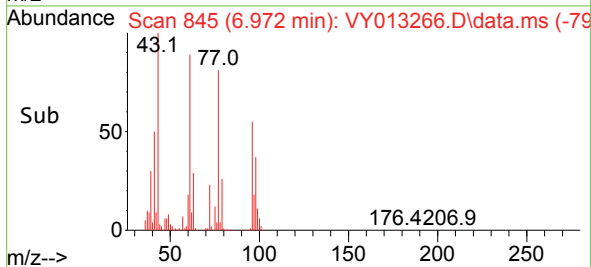
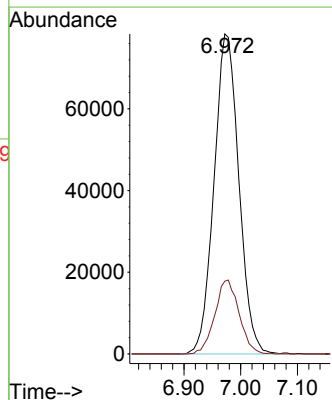
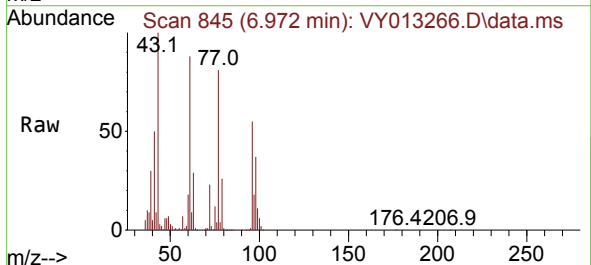
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

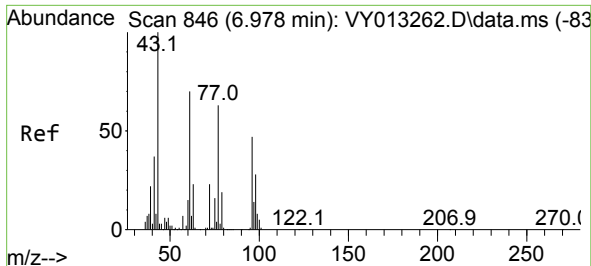
Tgt Ion: 43 Resp: 339682
Ion Ratio Lower Upper
43 100
72 24.0 21.0 31.4



#26
2,2-Dichloropropane
Concen: 50.609 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 77 Resp: 237734
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.0



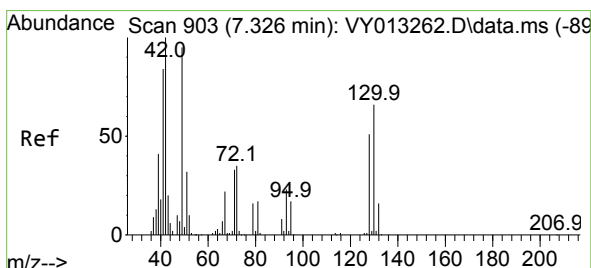
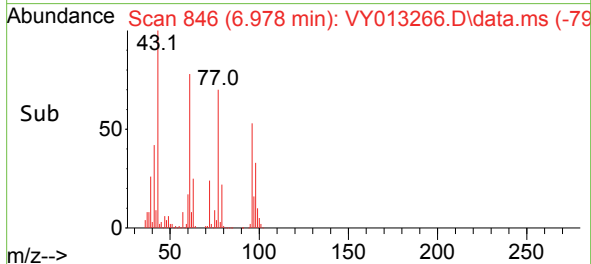
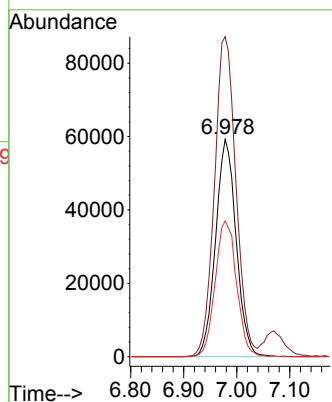
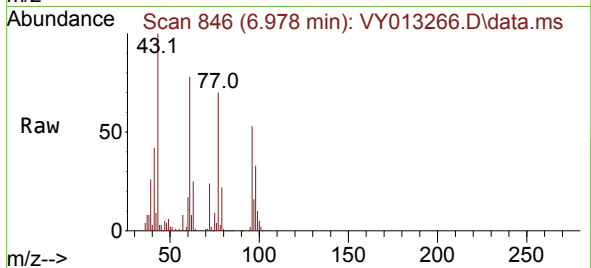


#27
 cis-1,2-Dichloroethene
 Concen: 51.678 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013266.D
 Acq: 12 Apr 2023 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041223

Tgt Ion: 96 Resp: 159710

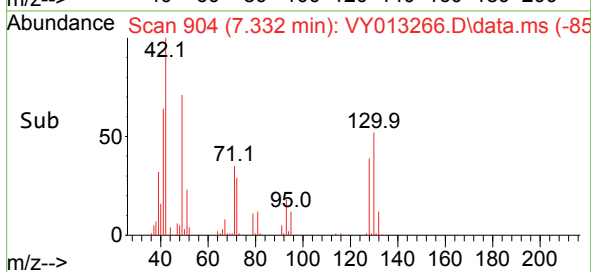
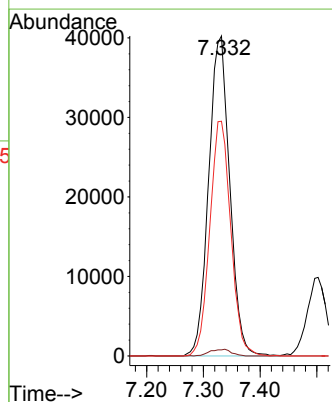
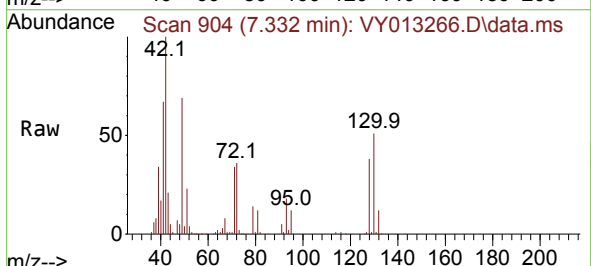
Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	295.8
98	64.9	0.0	130.2

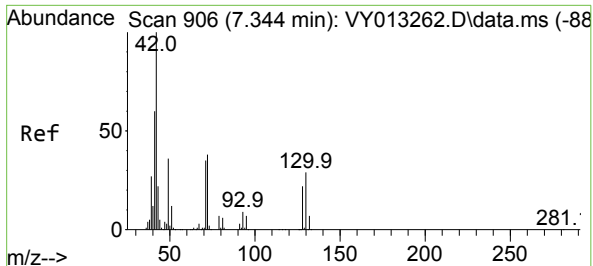


#28
 Bromochloromethane
 Concen: 49.776 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013266.D
 Acq: 12 Apr 2023 14:19

Tgt Ion: 49 Resp: 103868

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	73.1	60.5	90.7

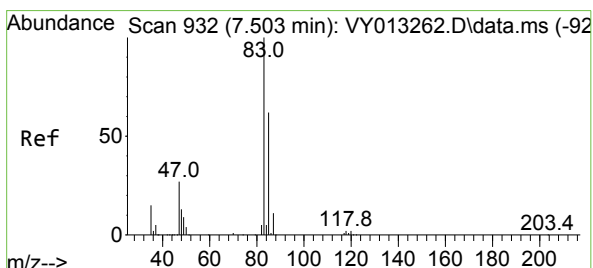
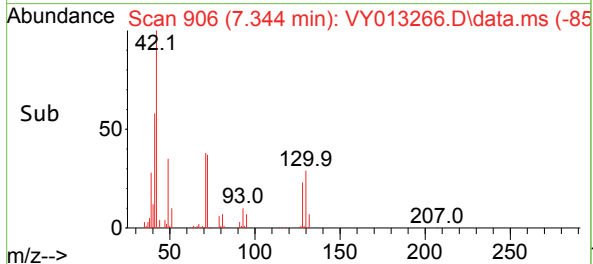
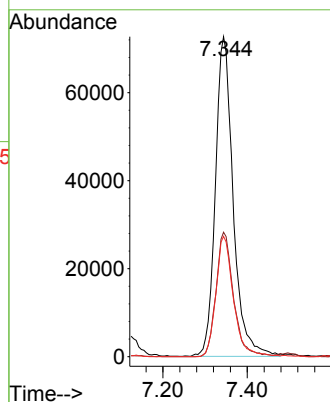
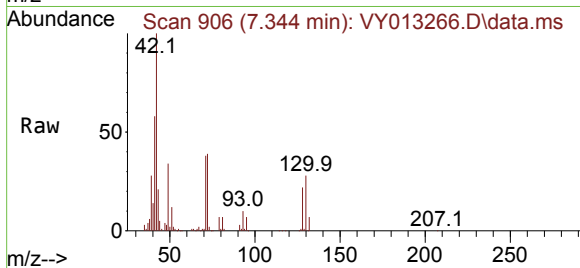




#29
Tetrahydrofuran
Concen: 249.846 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

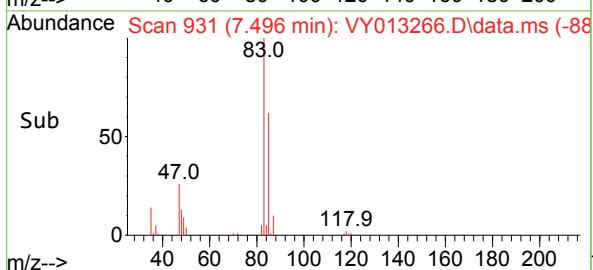
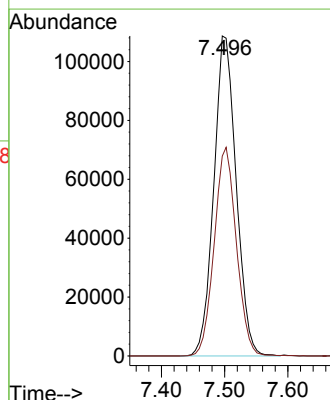
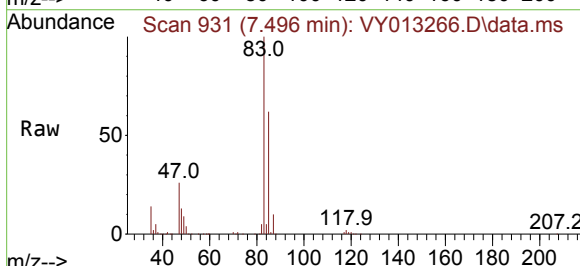
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

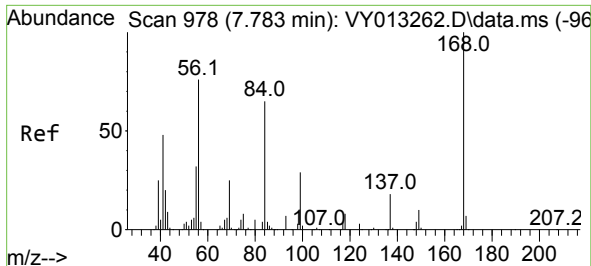
Tgt Ion: 42 Resp: 212422
Ion Ratio Lower Upper
42 100
72 38.3 32.3 48.5
71 37.1 30.3 45.5



#30
Chloroform
Concen: 50.318 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 83 Resp: 266609
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.0

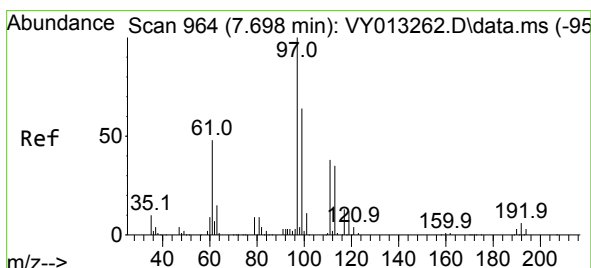
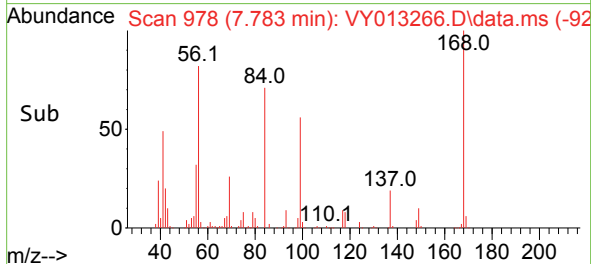
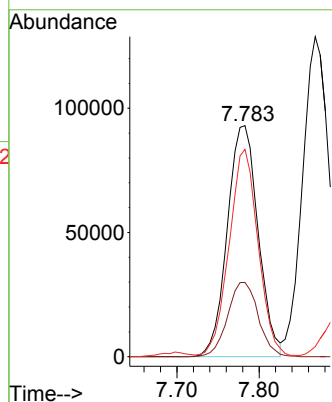
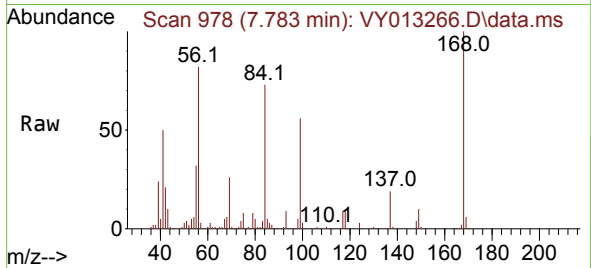




#31
Cyclohexane
Concen: 50.430 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

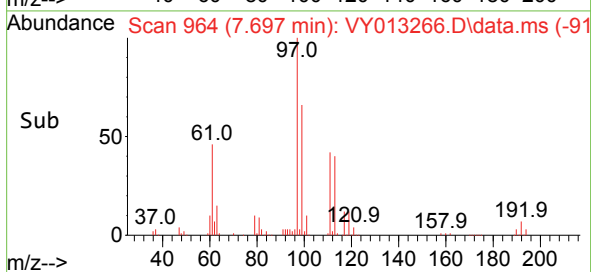
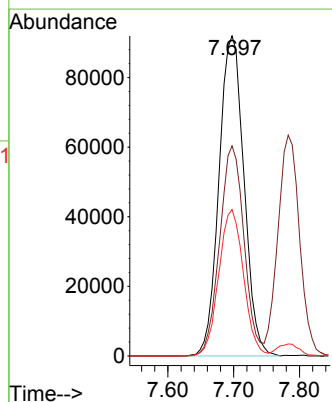
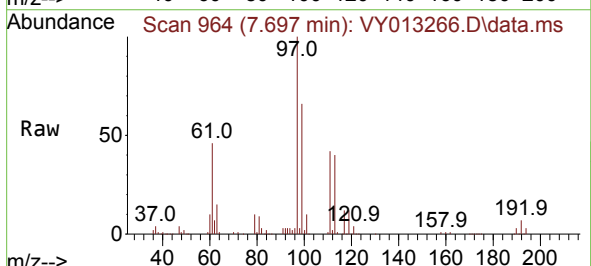
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

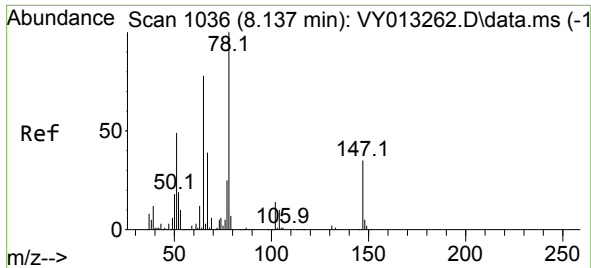
Tgt Ion: 56 Resp: 242467
Ion Ratio Lower Upper
56 100
69 32.2 25.7 38.5
84 88.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 50.651 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 97 Resp: 242787
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 45.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.170 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

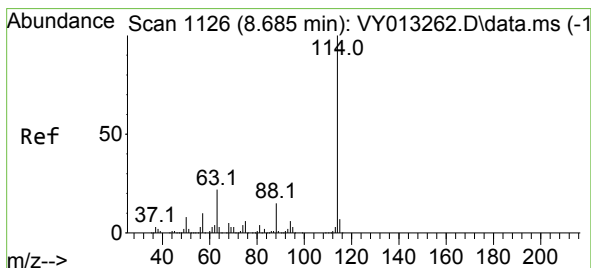
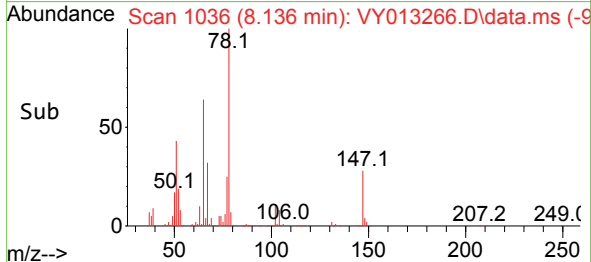
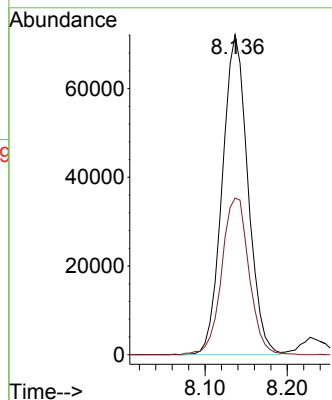
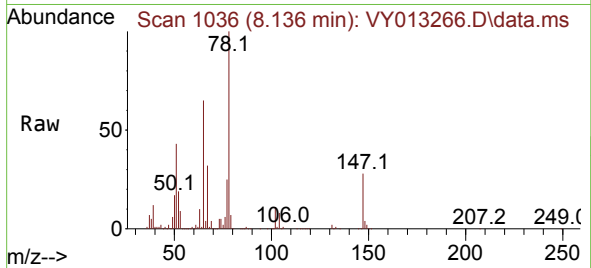
ICVVY041223

Tgt Ion: 65 Resp: 156348

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

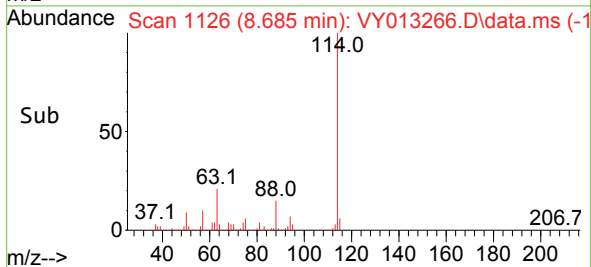
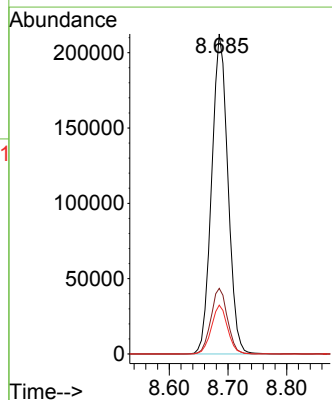
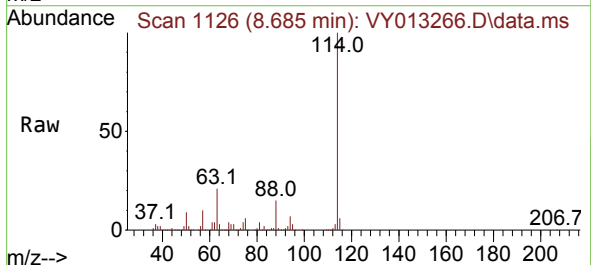
Tgt Ion: 114 Resp: 407340

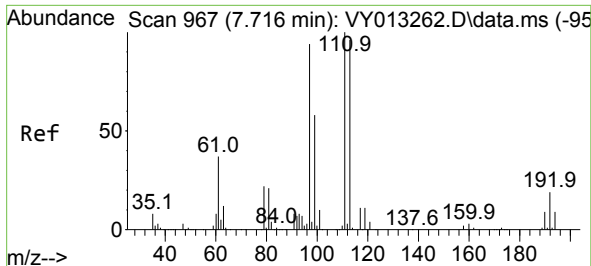
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.2 0.0 28.6

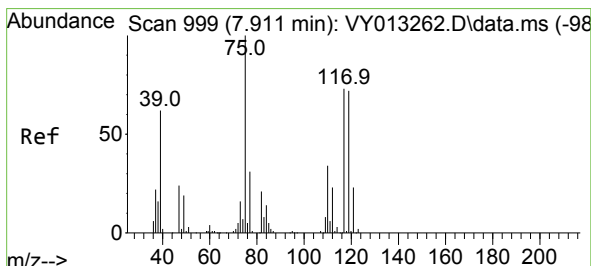
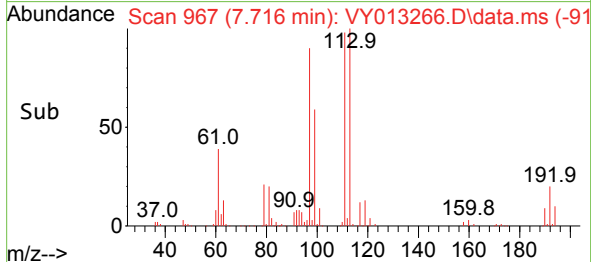
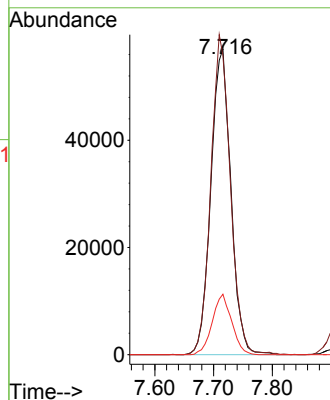
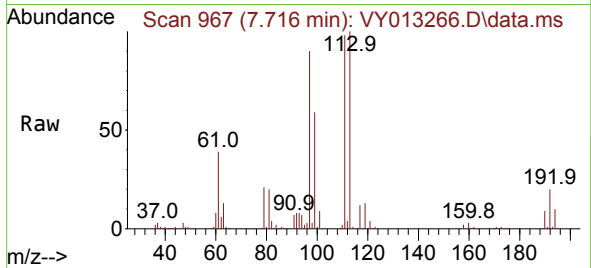




#35
 Dibromofluoromethane
 Concen: 51.203 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY013266.D
 Acq: 12 Apr 2023 14:19

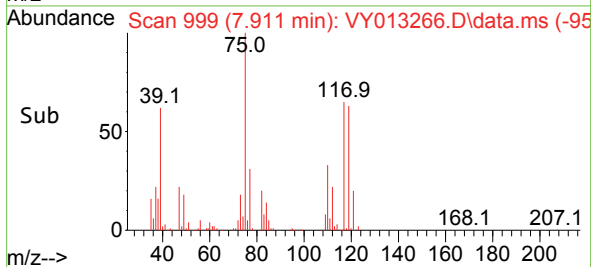
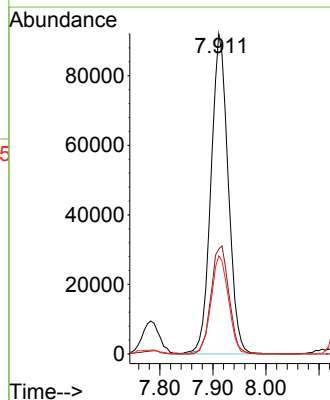
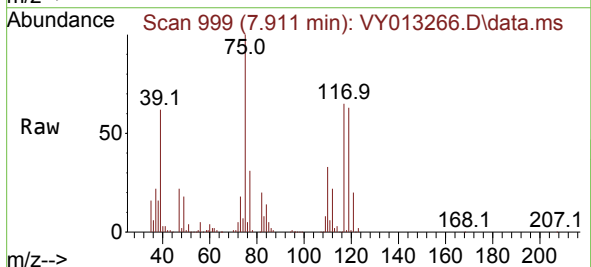
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041223

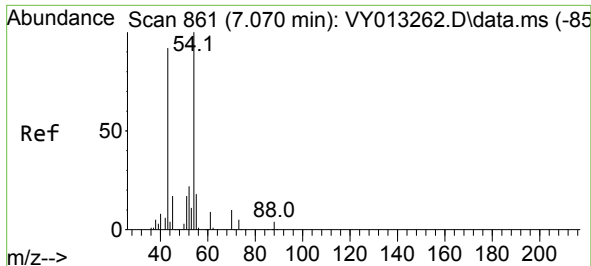
Tgt Ion:113 Resp: 135028
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 19.2 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 52.062 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY013266.D
 Acq: 12 Apr 2023 14:19

Tgt Ion: 75 Resp: 207991
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.8 53.3
 77 31.2 25.0 37.4

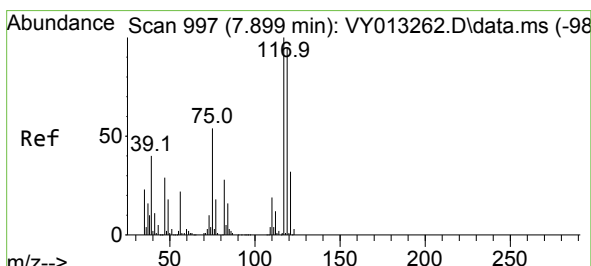
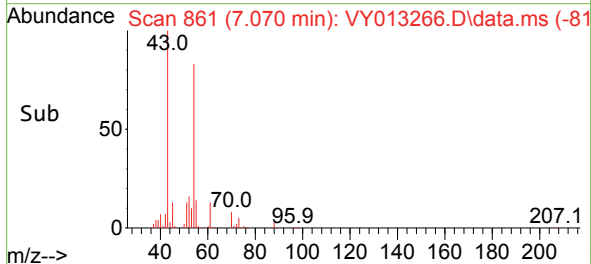
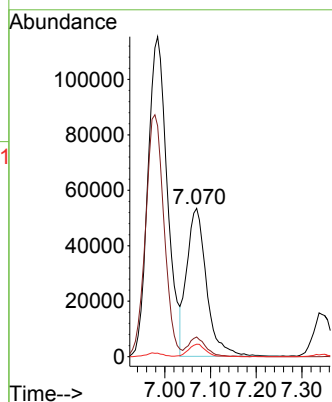
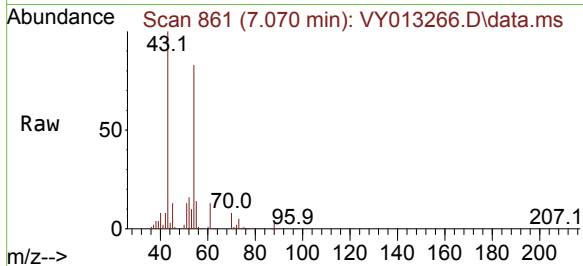




#37
Ethyl Acetate
Concen: 49.714 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

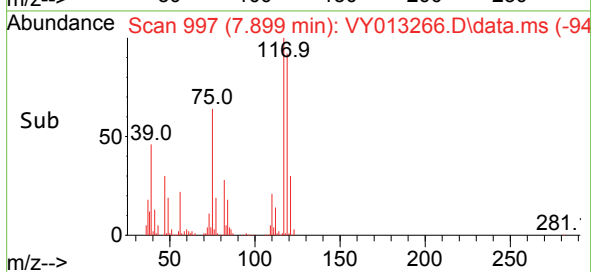
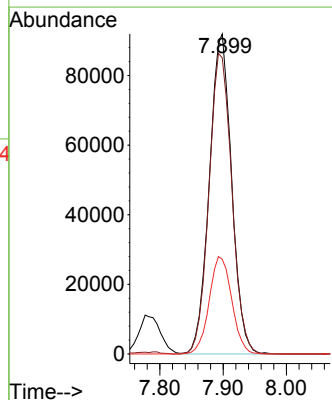
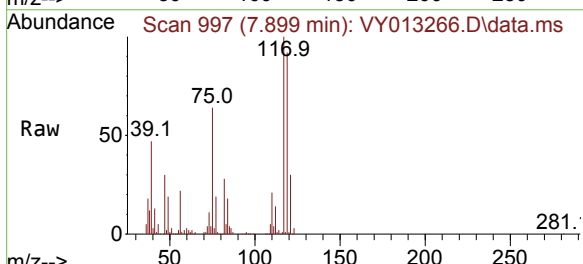
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

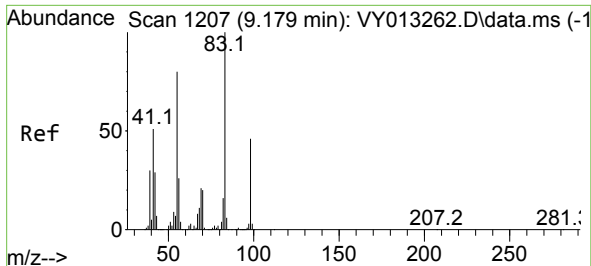
Tgt Ion: 43 Resp: 160094
Ion Ratio Lower Upper
43 100
61 11.2 10.7 16.1
70 7.5 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 50.797 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 117 Resp: 224393
Ion Ratio Lower Upper
117 100
119 92.5 77.2 115.8
121 29.5 24.7 37.1





#39

Methylcyclohexane

Concen: 53.804 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041223

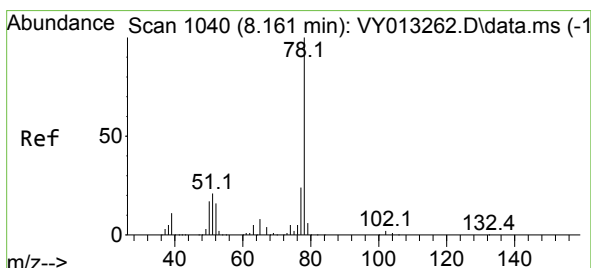
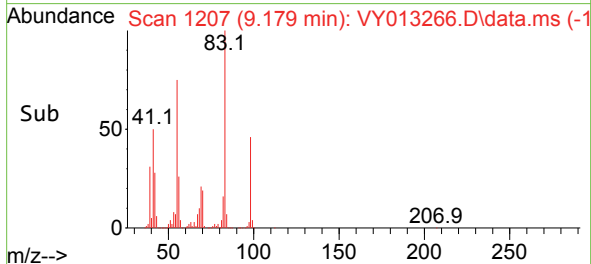
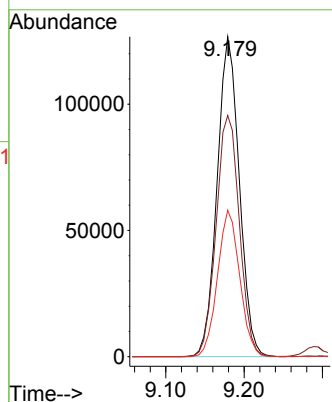
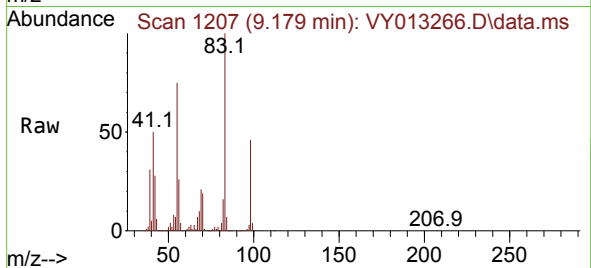
Tgt Ion: 83 Resp: 249880

Ion Ratio Lower Upper

83 100

55 75.4 60.0 90.0

98 45.8 38.3 57.5



#40

Benzene

Concen: 51.290 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013266.D

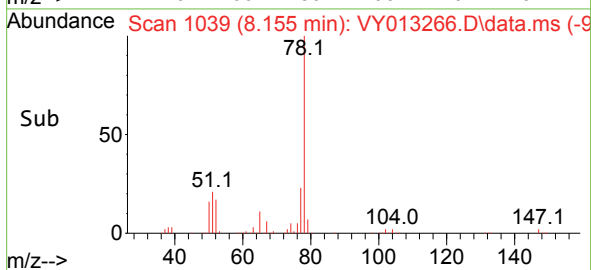
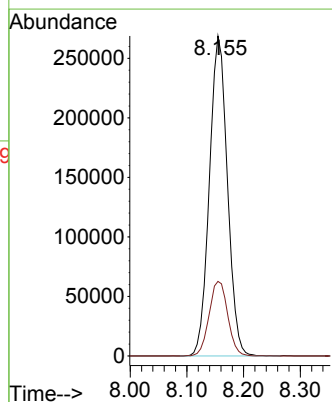
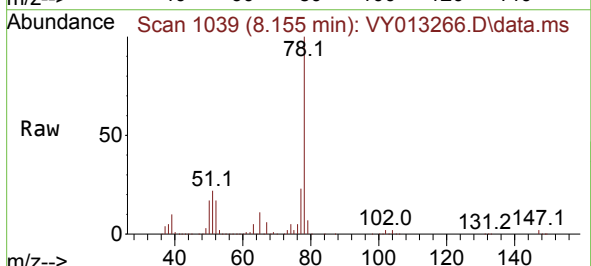
Acq: 12 Apr 2023 14:19

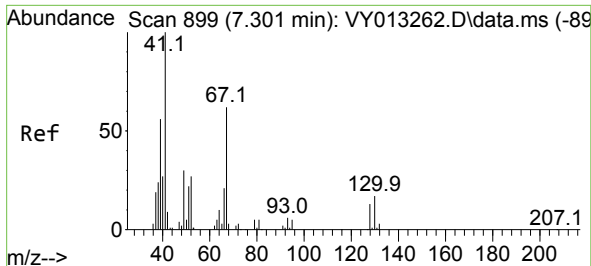
Tgt Ion: 78 Resp: 593053

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

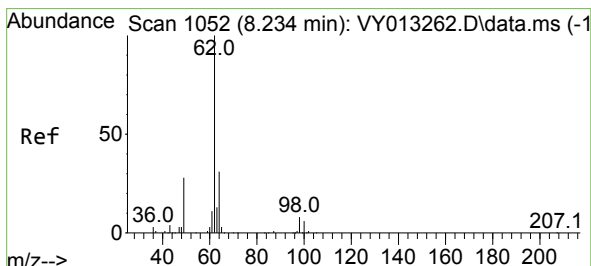
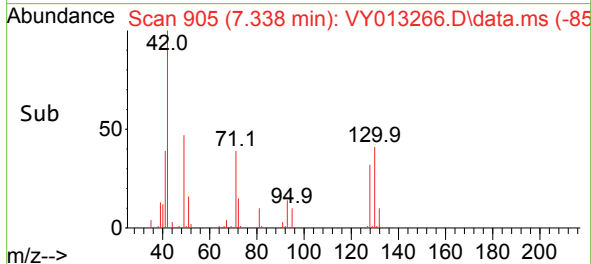
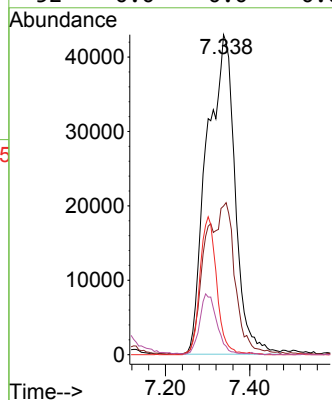
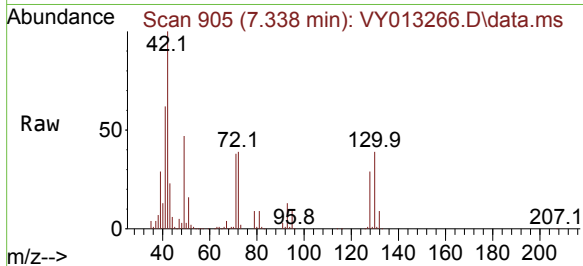




#41
Methacrylonitrile
Concen: 144.651 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.036 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

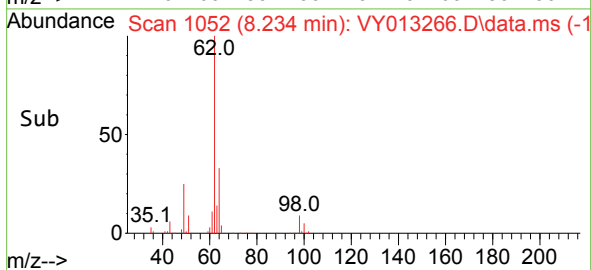
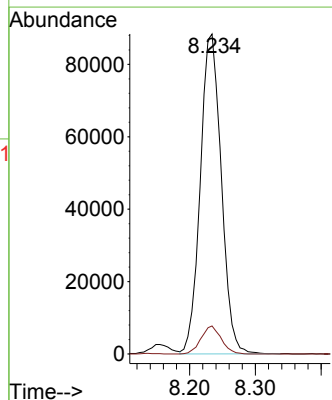
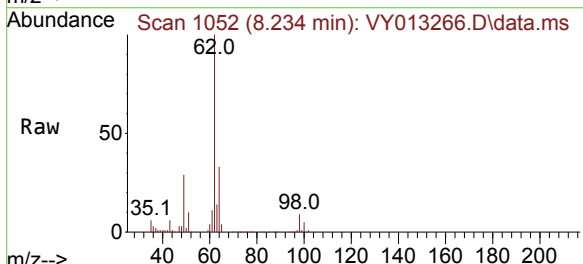
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

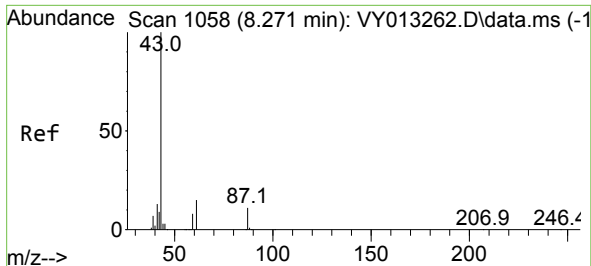
Tgt Ion:	41	Resp:	198622
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.025 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion:	62	Resp:	196112
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.8

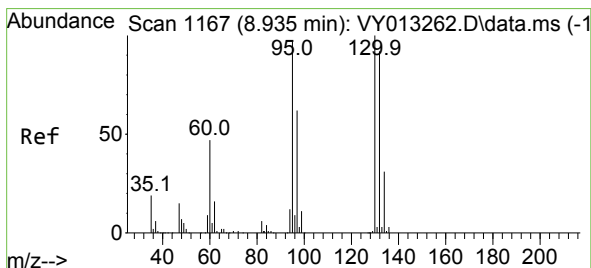
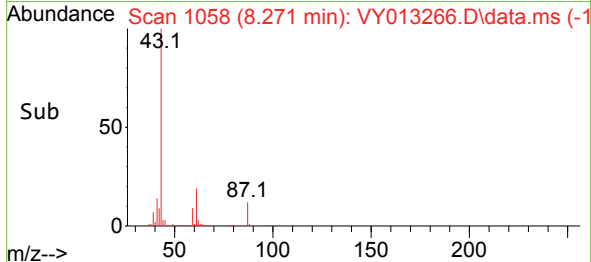
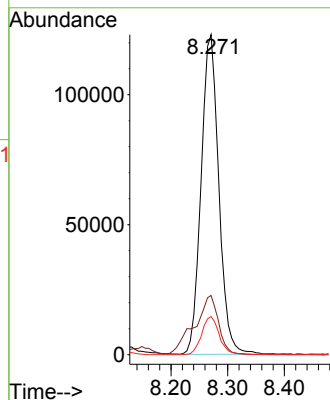
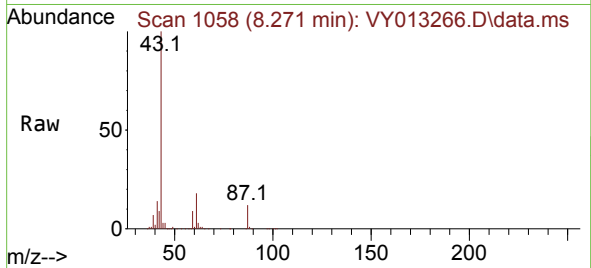




#43
Isopropyl Acetate
Concen: 49.949 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

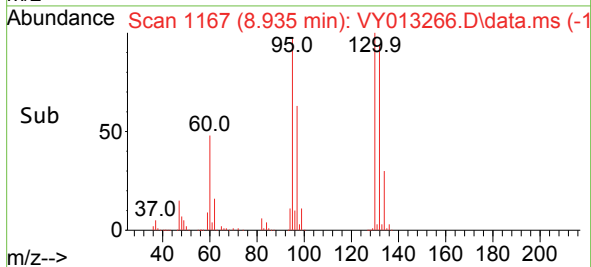
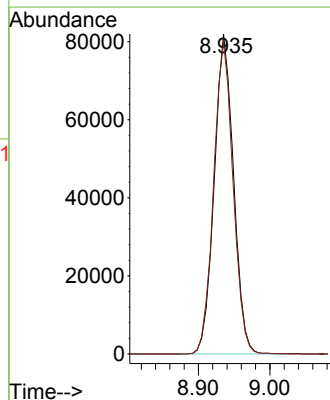
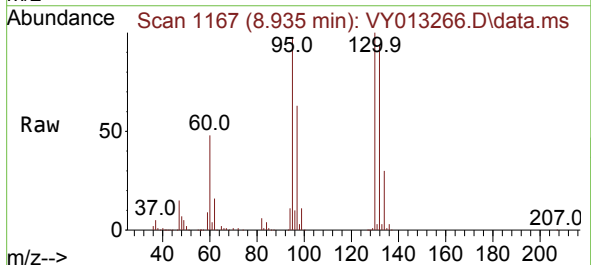
Instrument : MSVOA_Y
ClientSampleId : ICVVY041223

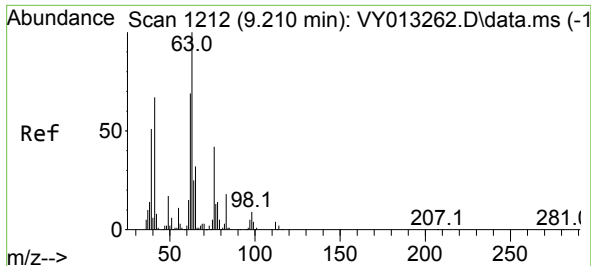
Tgt Ion: 43 Resp: 267173
Ion Ratio Lower Upper
43 100
61 25.2 21.6 32.4
87 11.8 9.9 14.9



#44
Trichloroethene
Concen: 51.648 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion:130 Resp: 153839
Ion Ratio Lower Upper
130 100
95 97.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 50.639 ug/l

RT: 9.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

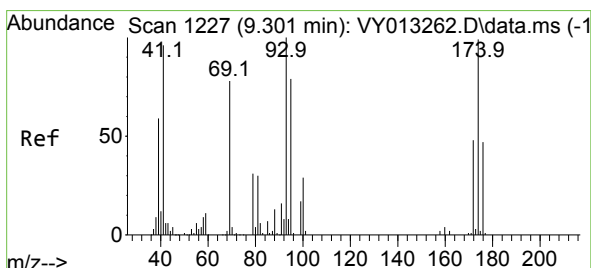
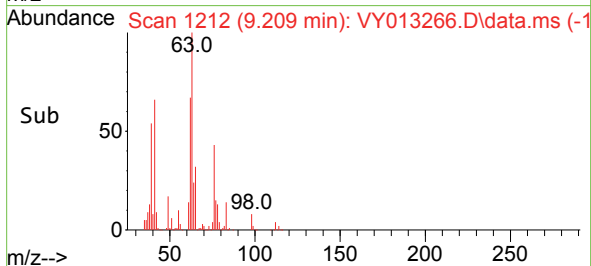
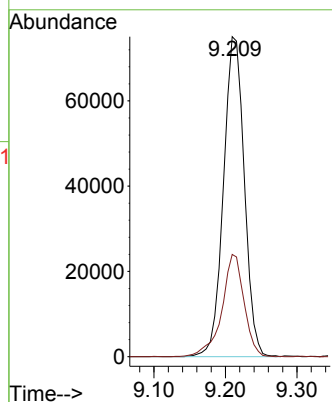
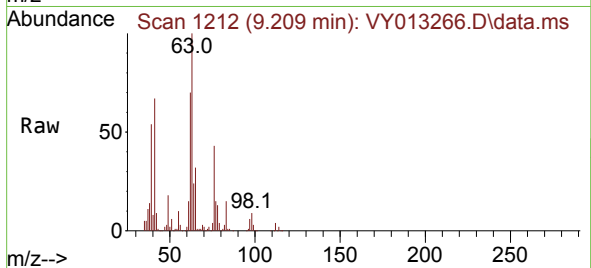
ICVVY041223

Tgt Ion: 63 Resp: 151973

Ion Ratio Lower Upper

63 100

65 31.9 25.7 38.5



#46

Dibromomethane

Concen: 50.176 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

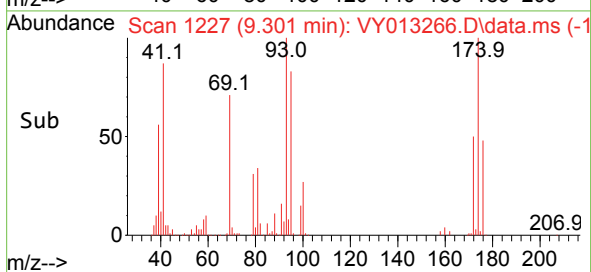
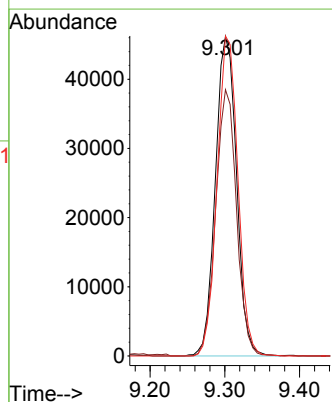
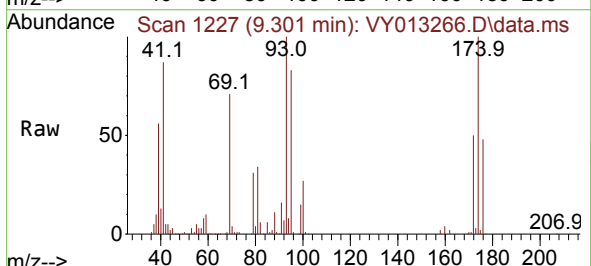
Tgt Ion: 93 Resp: 90628

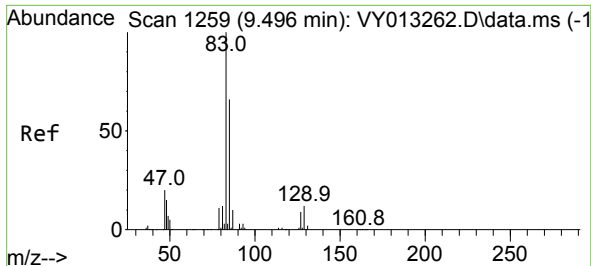
Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

174 98.5 81.3 121.9

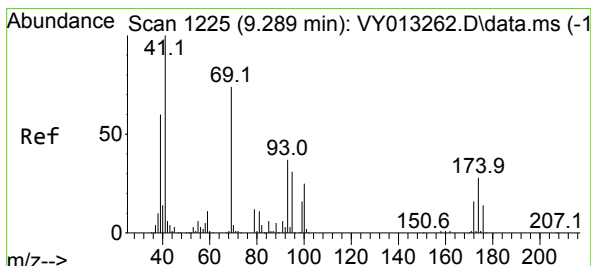
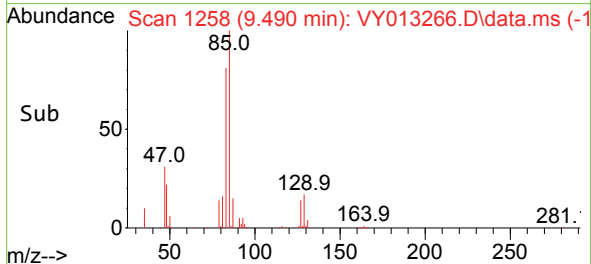
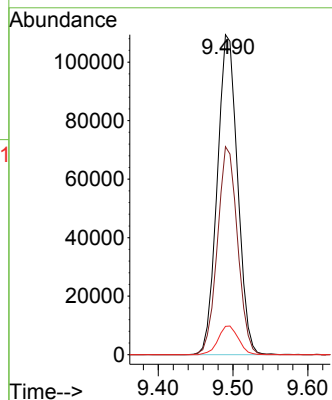
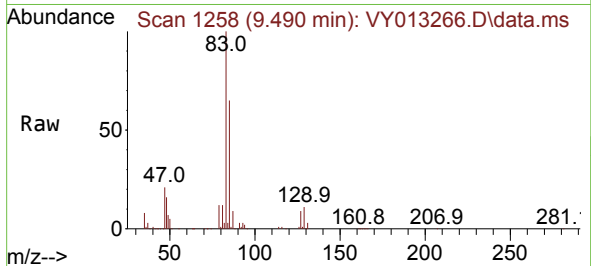




#47
Bromodichloromethane
Concen: 50.124 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

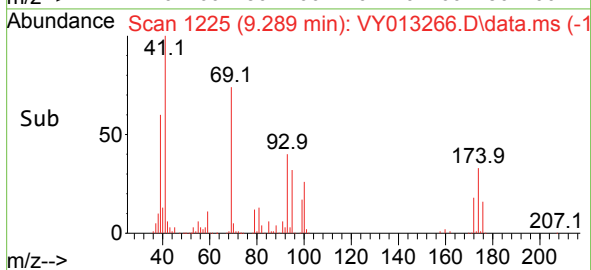
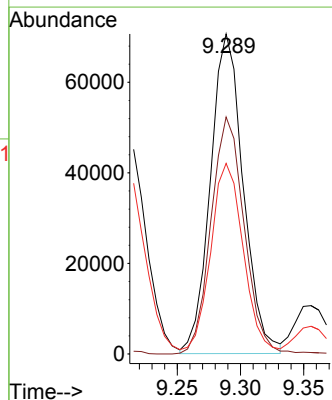
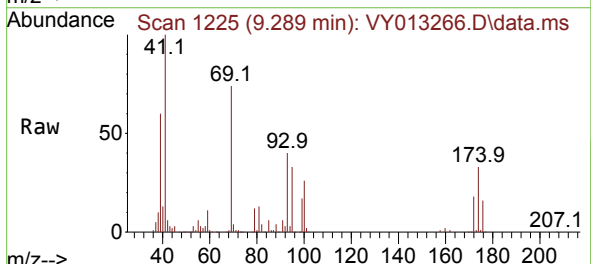
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

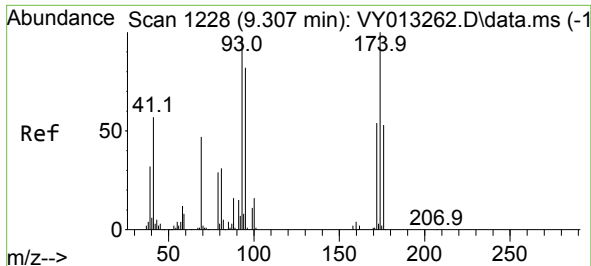
Tgt Ion: 83 Resp: 206967
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 51.899 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 41 Resp: 127514
Ion Ratio Lower Upper
41 100
69 75.1 64.1 96.1
39 56.9 44.0 66.0





#49

1,4-Dioxane

Concen: 1009.891 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041223

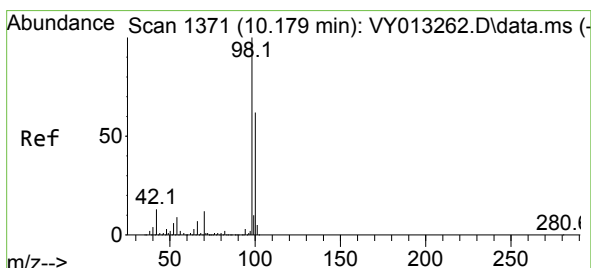
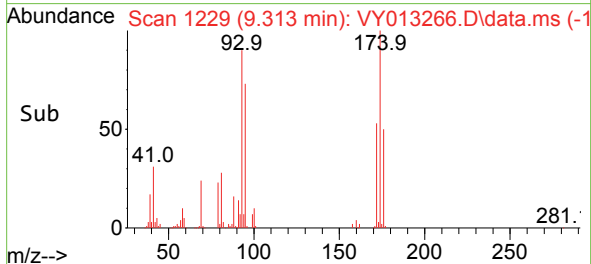
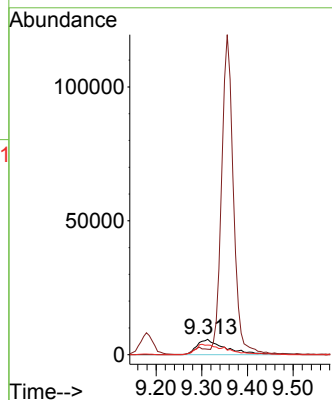
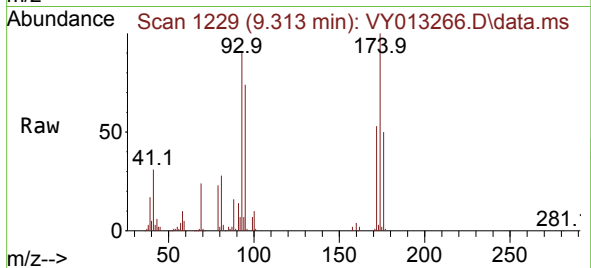
Tgt Ion: 88 Resp: 24714

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 74.0 55.2 82.8



#50

Toluene-d8

Concen: 51.792 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013266.D

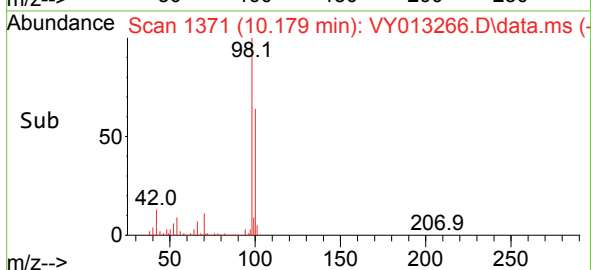
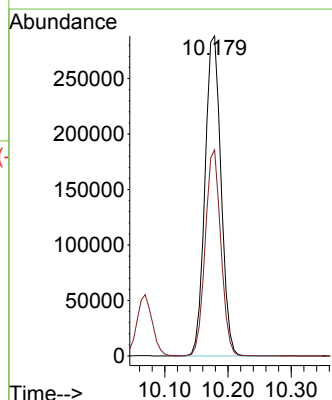
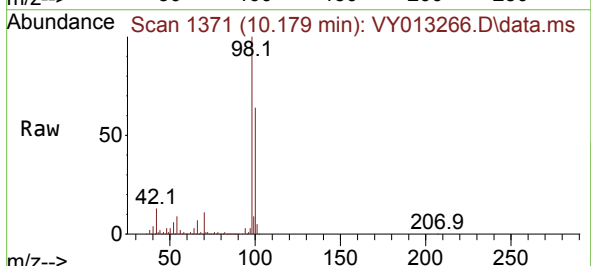
Acq: 12 Apr 2023 14:19

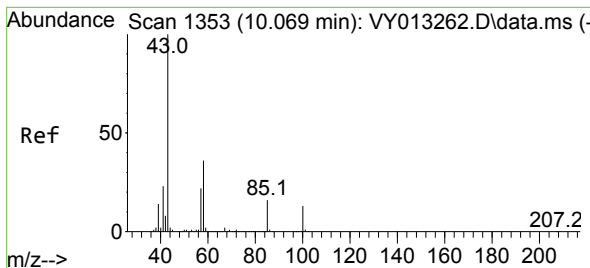
Tgt Ion: 98 Resp: 508371

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3

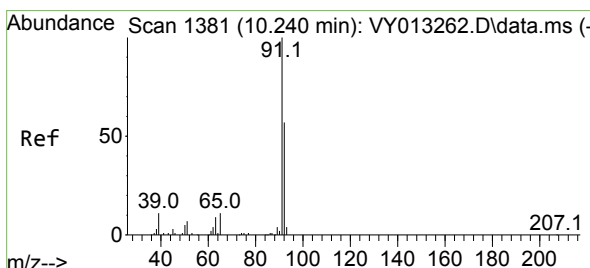
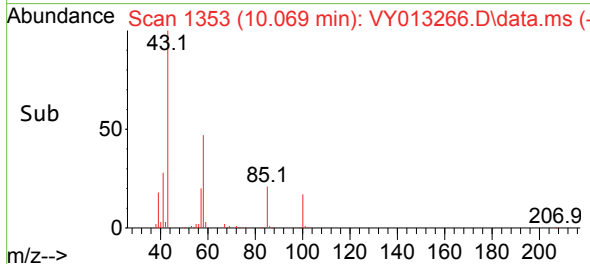
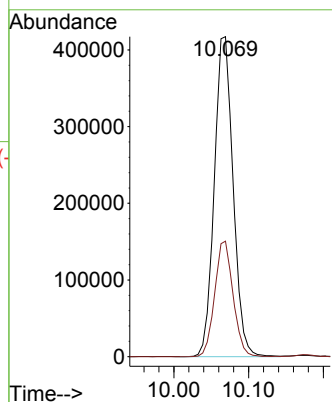
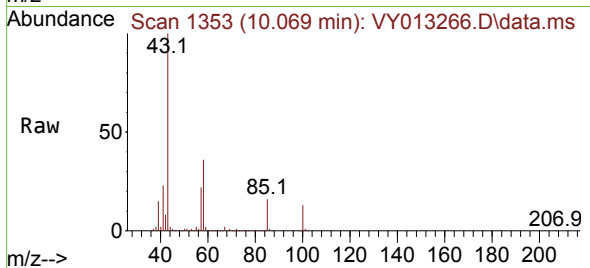




#51
4-Methyl-2-Pentanone
Concen: 251.290 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

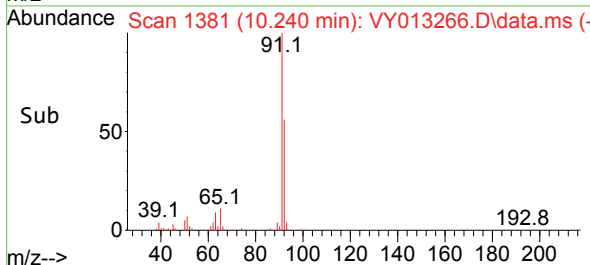
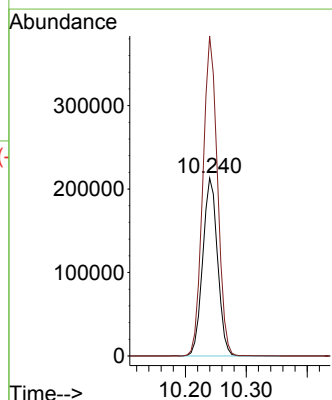
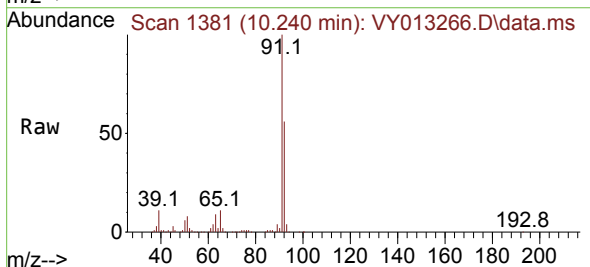
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

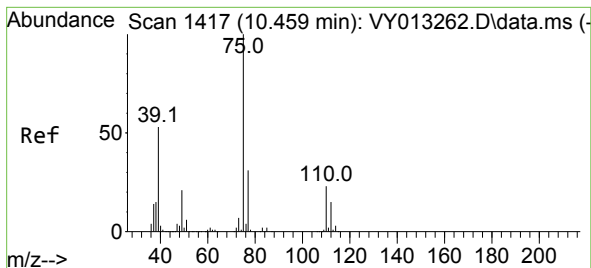
Tgt Ion: 43 Resp: 731514
Ion Ratio Lower Upper
43 100
58 35.3 29.8 44.6



#52
Toluene
Concen: 51.616 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 92 Resp: 360382
Ion Ratio Lower Upper
92 100
91 177.8 141.3 211.9

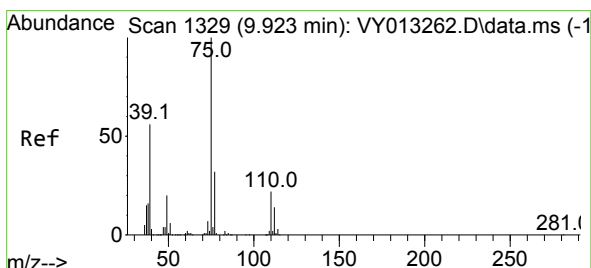
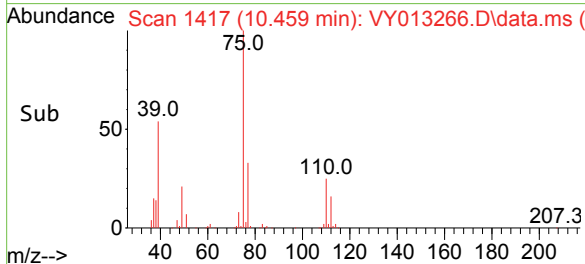
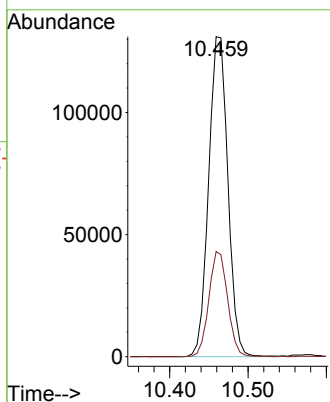
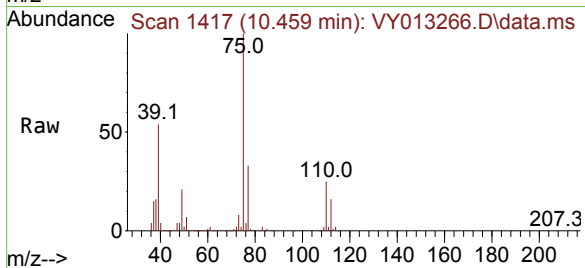




#53
t-1,3-Dichloropropene
Concen: 51.607 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

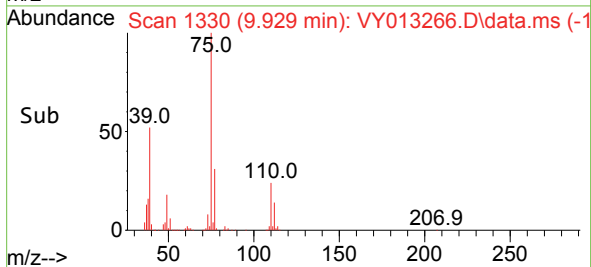
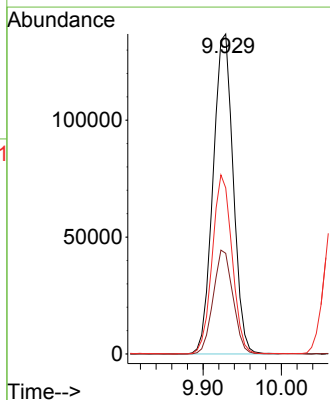
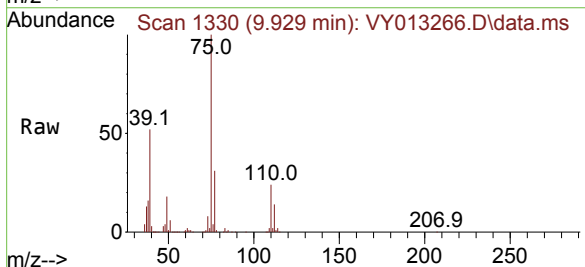
Instrument : MSVOA_Y
ClientSampleId : ICVVY041223

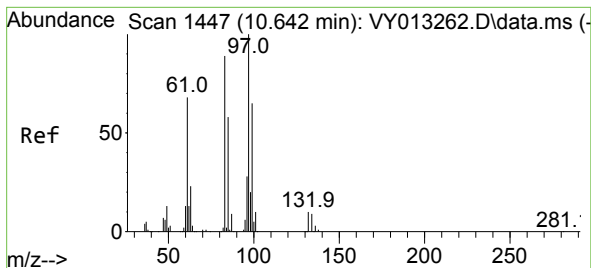
Tgt Ion: 75 Resp: 223159
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.624 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 75 Resp: 244778
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 51.8 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 49.144 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

Tgt Ion: 97 Resp: 117039

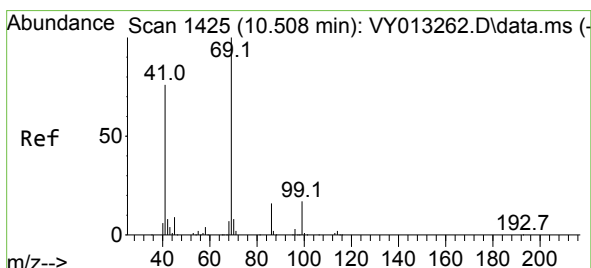
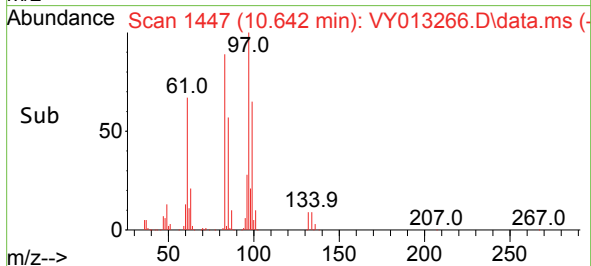
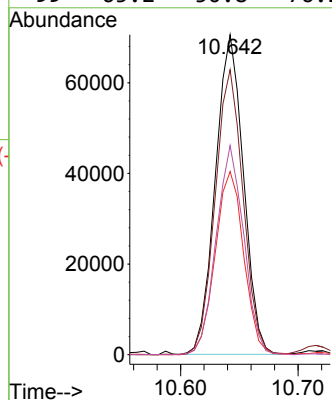
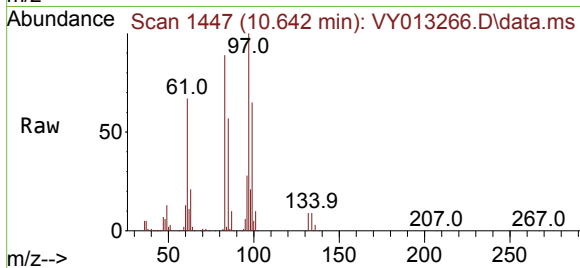
Ion Ratio Lower Upper

97 100

83 89.1 69.0 103.6

85 57.3 44.9 67.3

99 65.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 53.820 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

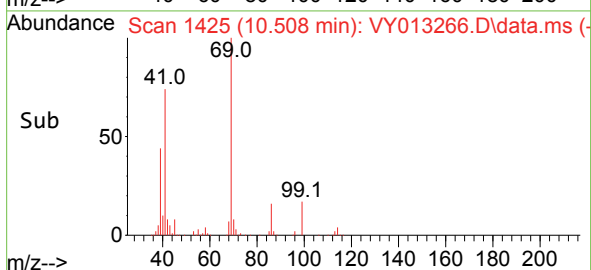
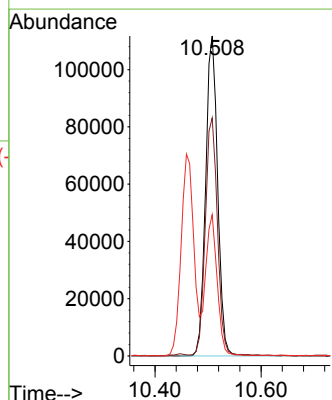
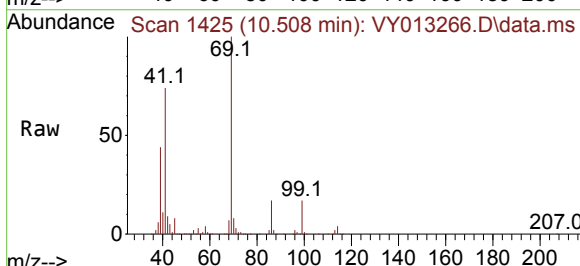
Tgt Ion: 69 Resp: 175499

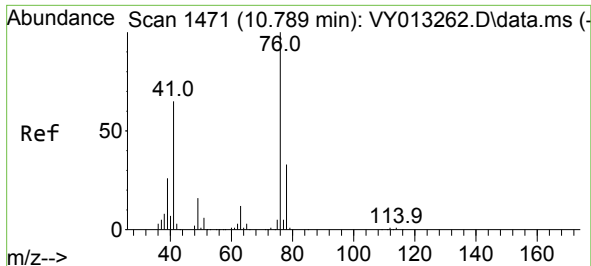
Ion Ratio Lower Upper

69 100

41 74.9 56.4 84.6

39 42.6 30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.695 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

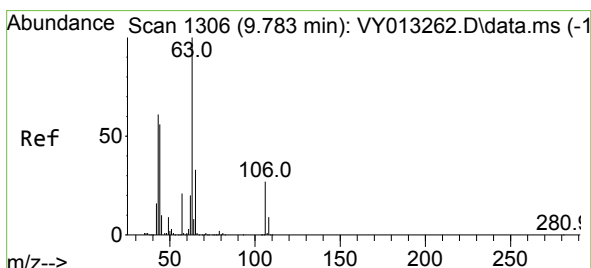
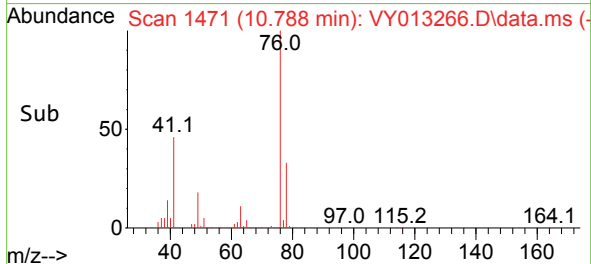
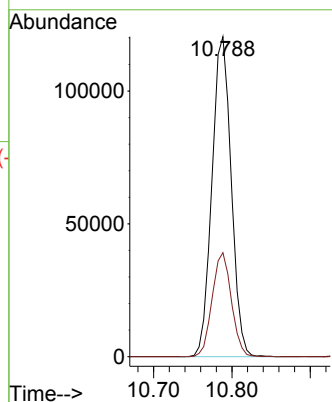
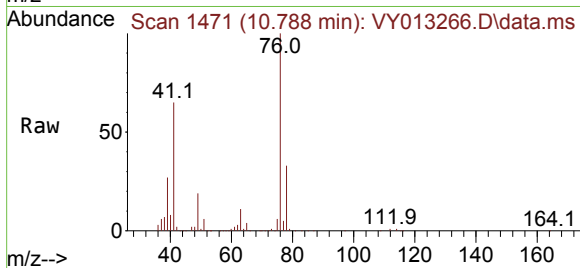
ICVVY041223

Tgt Ion: 76 Resp: 205341

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 237.435 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013266.D

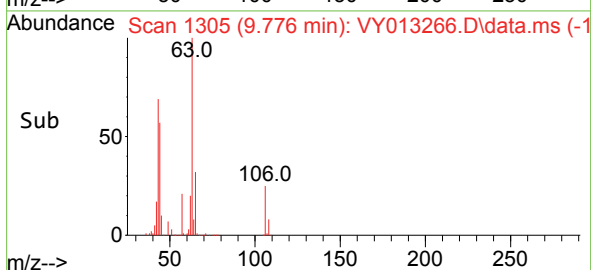
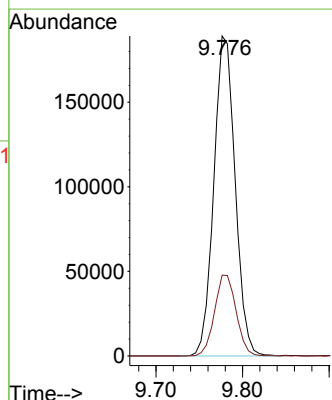
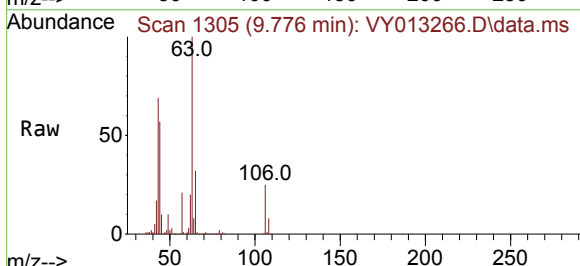
Acq: 12 Apr 2023 14:19

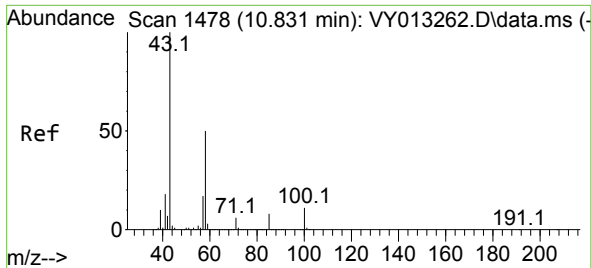
Tgt Ion: 63 Resp: 323284

Ion Ratio Lower Upper

63 100

106 25.6 22.1 33.1

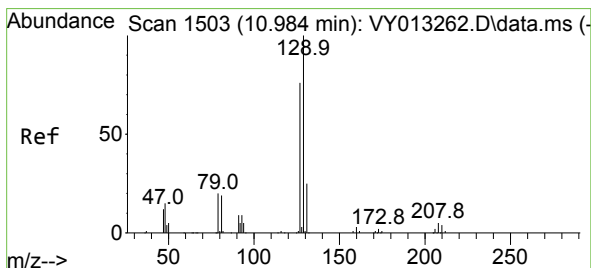
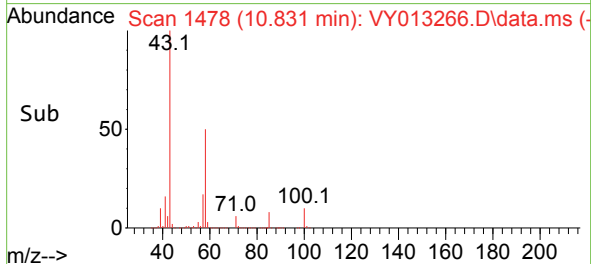
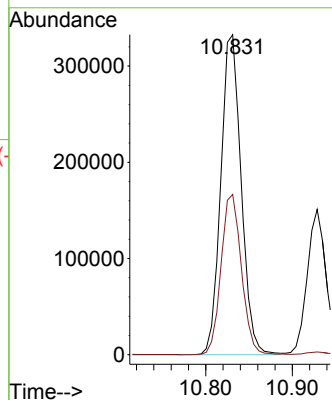
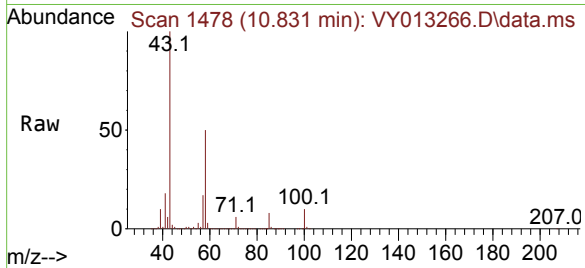




#59
2-Hexanone
Concen: 256.803 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

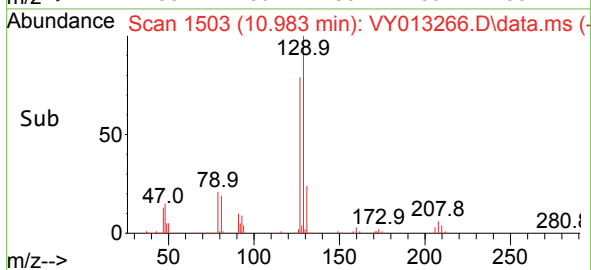
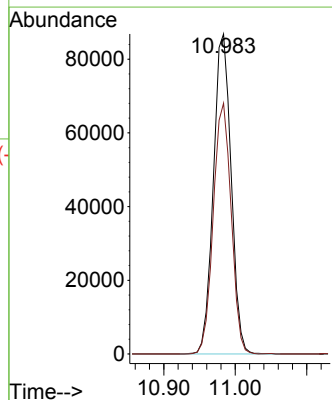
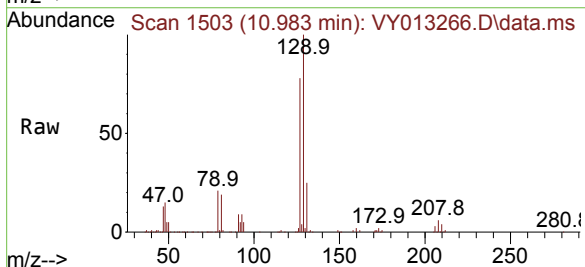
Instrument : MSVOA_Y
ClientSampleId : ICVVY041223

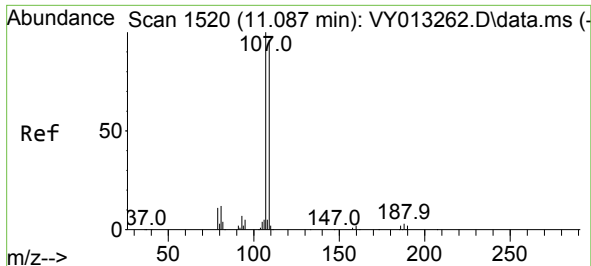
Tgt Ion: 43 Resp: 543564
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.8



#60
Dibromochloromethane
Concen: 50.064 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 129 Resp: 149501
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

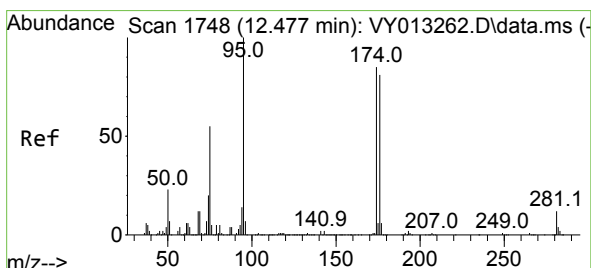
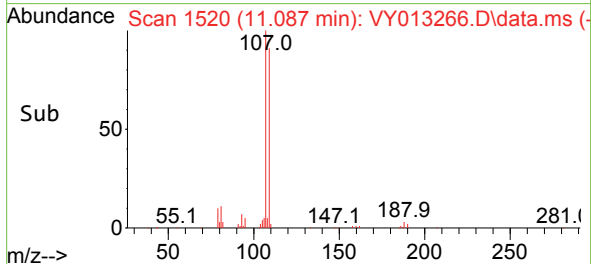
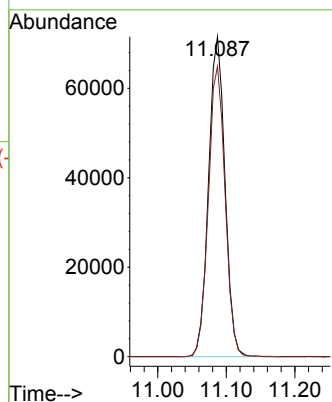
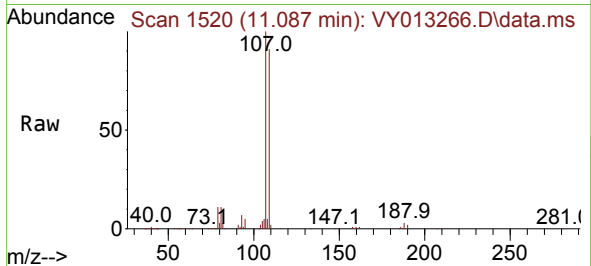




#61
1,2-Dibromoethane
Concen: 51.512 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

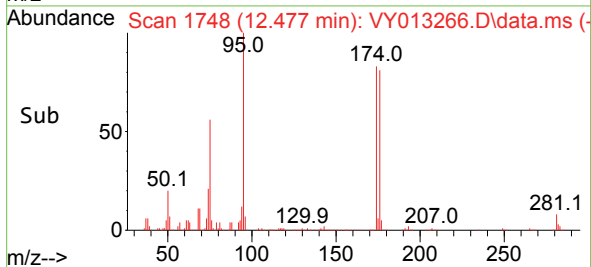
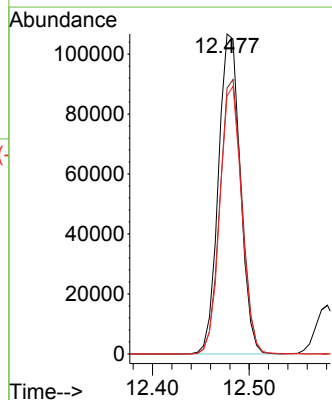
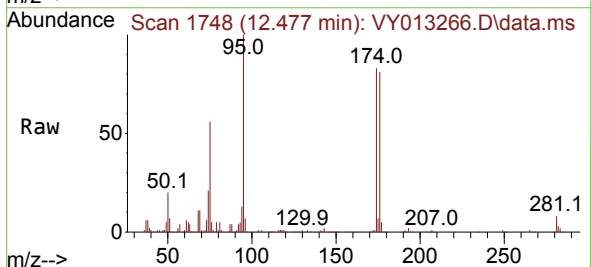
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

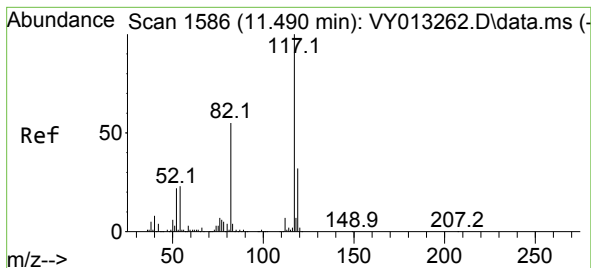
Tgt Ion:107 Resp: 119460
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 95 Resp: 167379
Ion Ratio Lower Upper
95 100
174 86.7 0.0 176.6
176 83.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

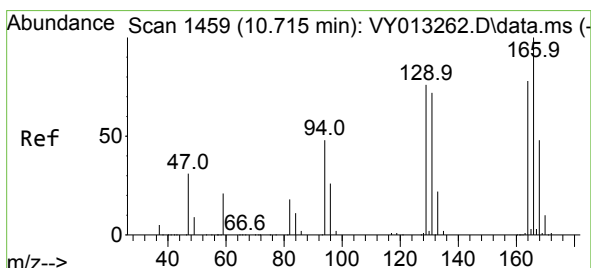
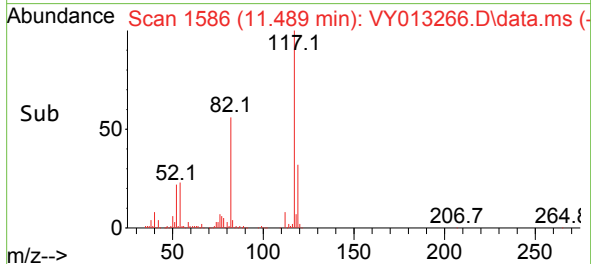
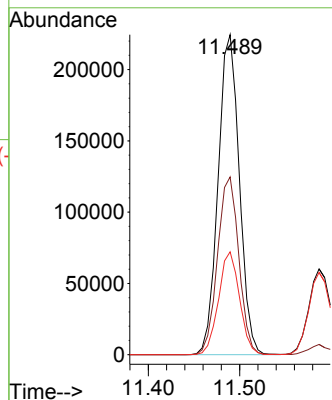
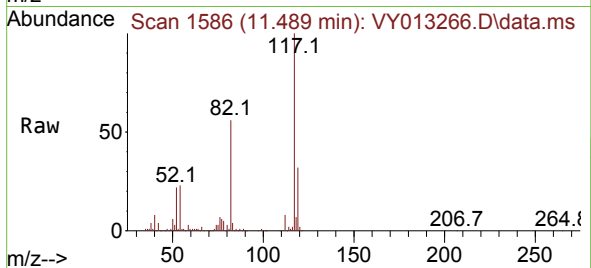
Tgt Ion:117 Resp: 362462

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 51.548 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Tgt Ion:164 Resp: 131815

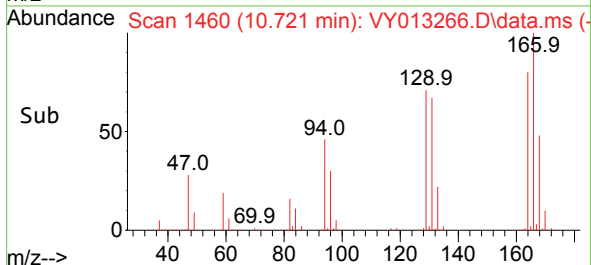
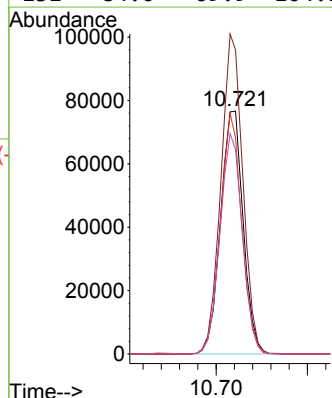
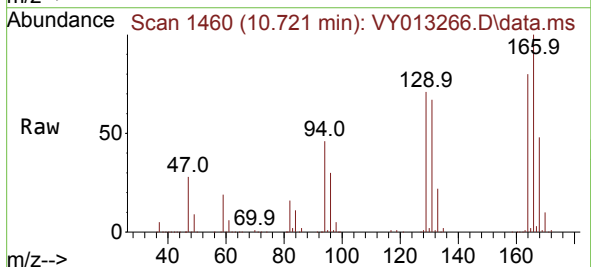
Ion Ratio Lower Upper

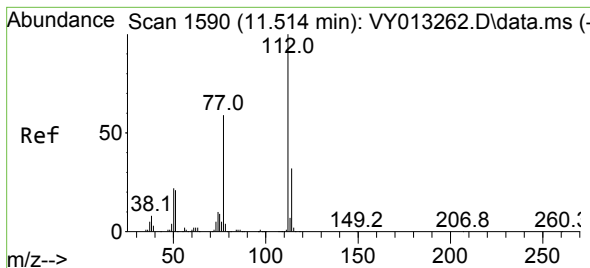
164 100

166 125.1 103.4 155.2

129 89.0 71.4 107.2

131 84.0 69.9 104.9





#65

Chlorobenzene

Concen: 50.497 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

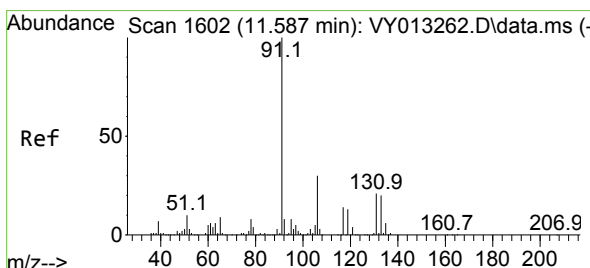
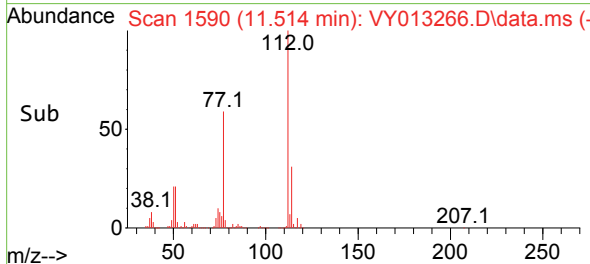
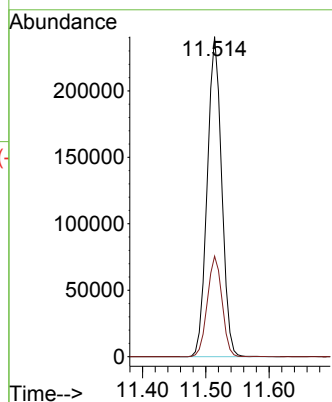
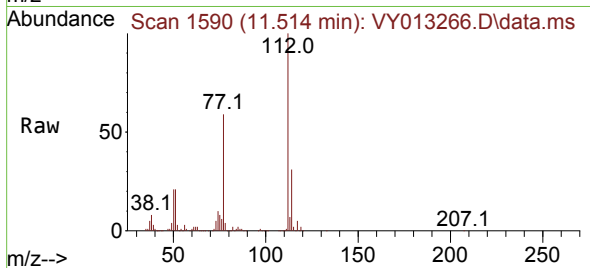
ICVY041223

Tgt Ion:112 Resp: 382890

Ion Ratio Lower Upper

112 100

114 31.4 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.562 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

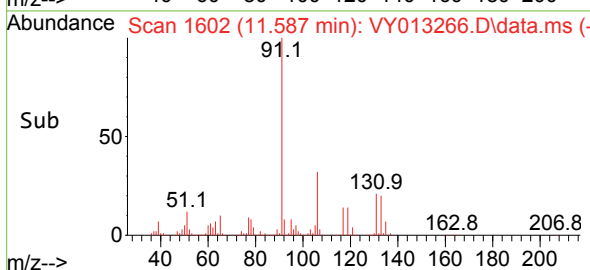
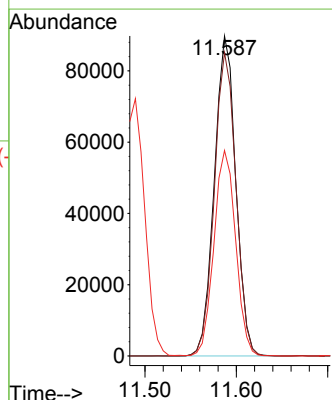
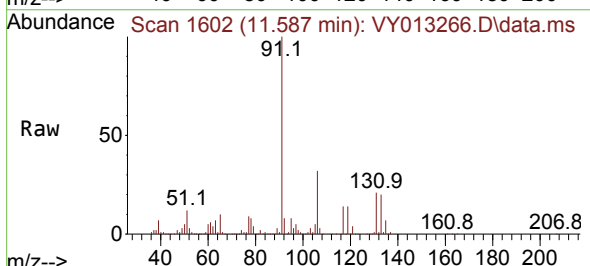
Tgt Ion:131 Resp: 146716

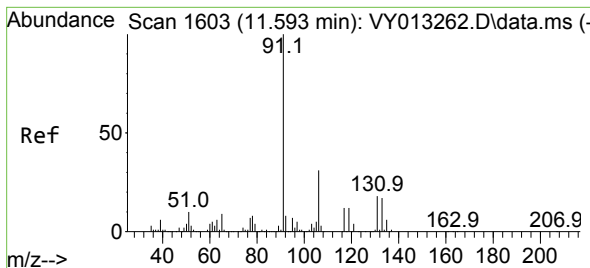
Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 52.749 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

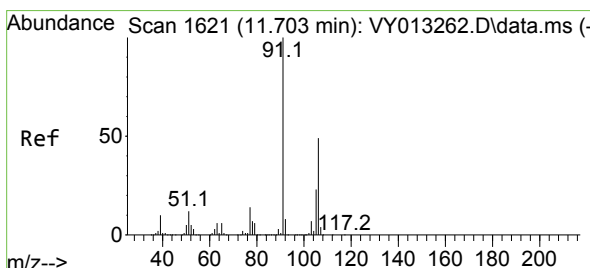
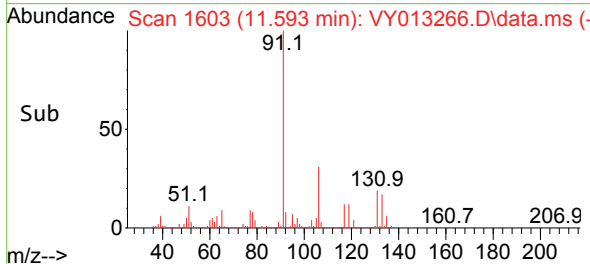
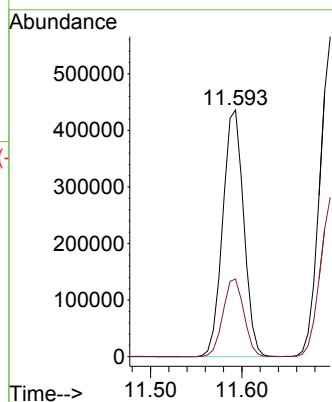
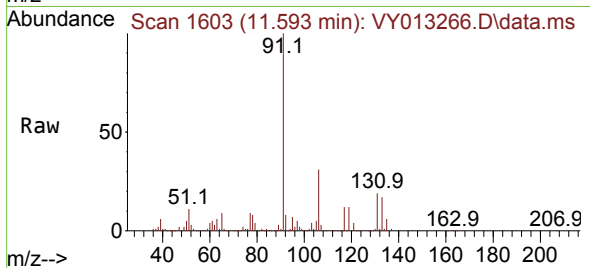
ICVVY041223

Tgt Ion: 91 Resp: 696601

Ion Ratio Lower Upper

91 100

106 31.5 25.1 37.7



#68

m/p-Xylenes

Concen: 106.875 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013266.D

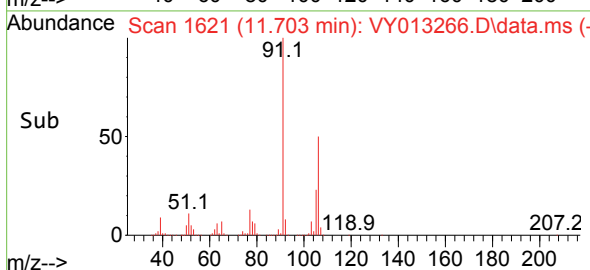
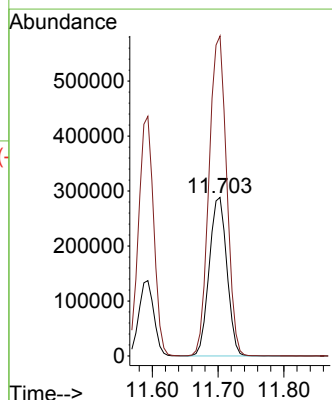
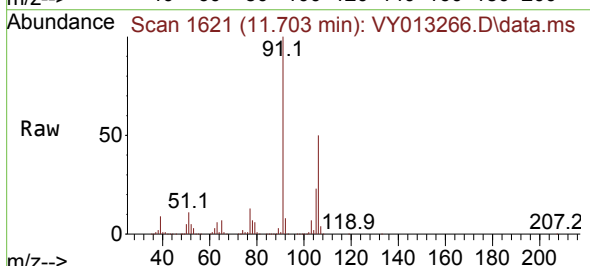
Acq: 12 Apr 2023 14:19

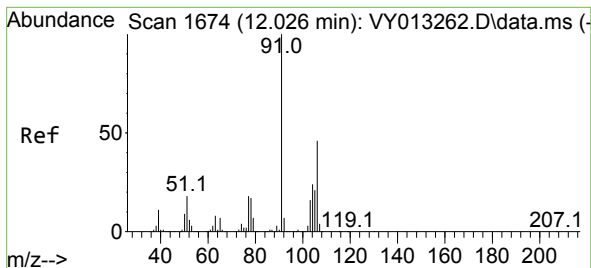
Tgt Ion: 106 Resp: 540011

Ion Ratio Lower Upper

106 100

91 201.1 159.8 239.8

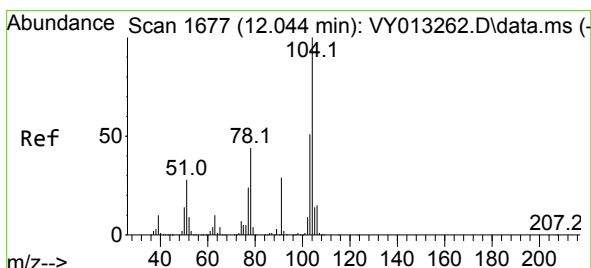
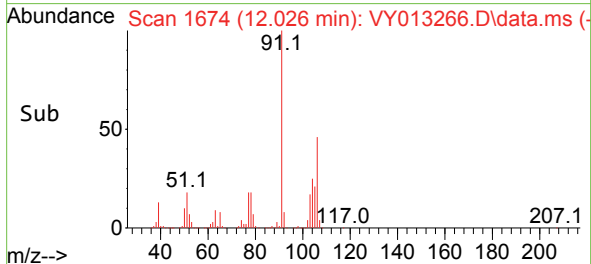
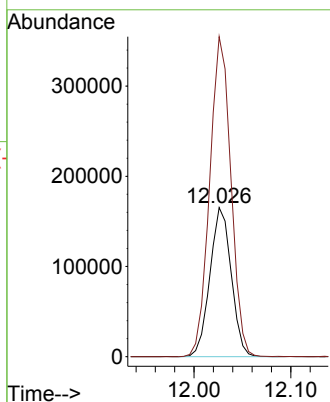
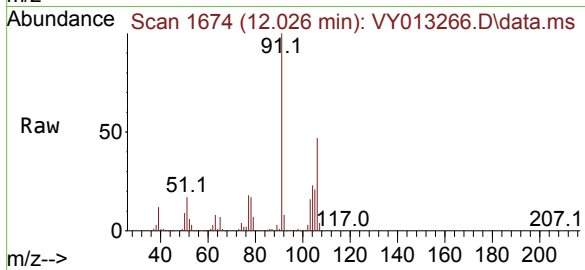




#69
o-Xylene
Concen: 54.052 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

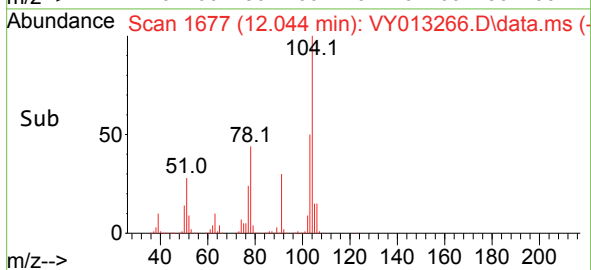
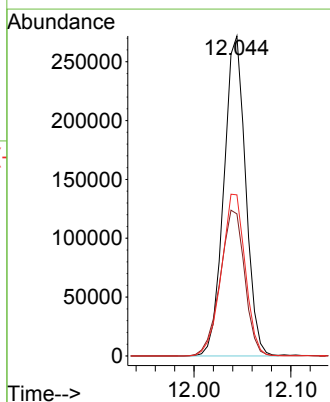
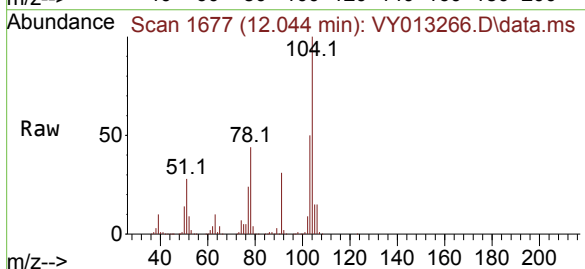
Instrument : MSVOA_Y
ClientSampleId : ICVVY041223

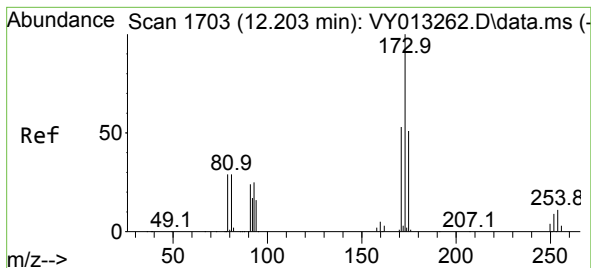
Tgt Ion:106 Resp: 252942
Ion Ratio Lower Upper
106 100
91 214.5 107.2 321.6



#70
Styrene
Concen: 53.769 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion:104 Resp: 424971
Ion Ratio Lower Upper
104 100
78 51.4 39.2 58.8
103 55.5 43.7 65.5





#71

Bromoform

Concen: 51.016 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041223

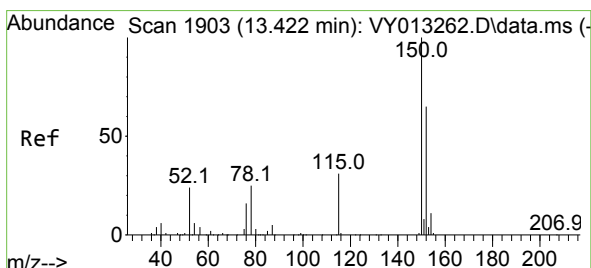
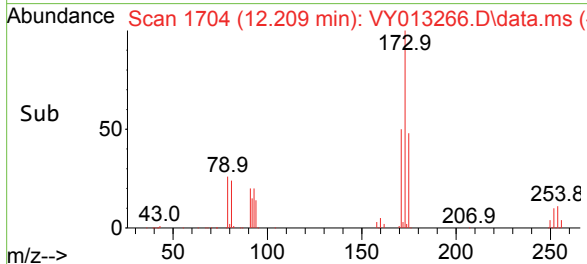
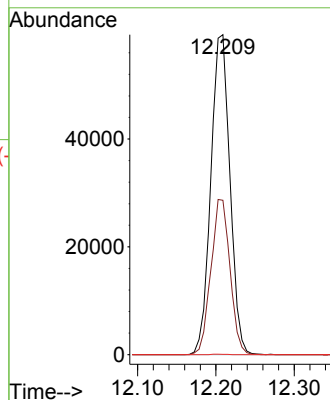
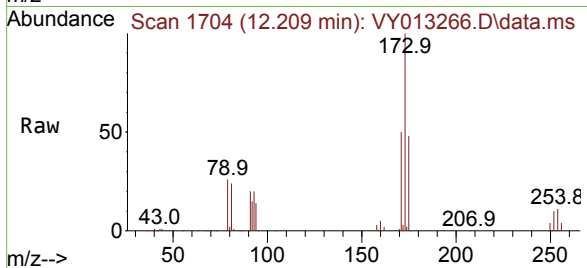
Tgt Ion:173 Resp: 100565

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

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: VY013266.D

Acq: 12 Apr 2023 14:19

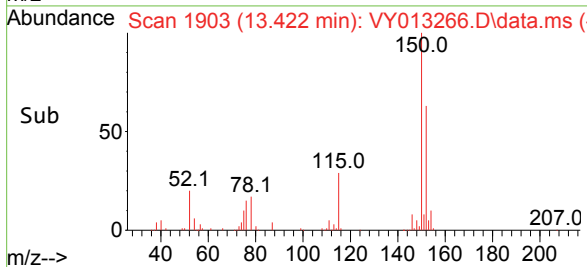
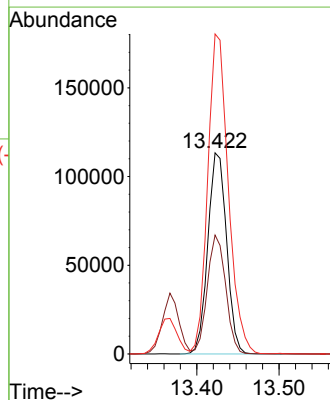
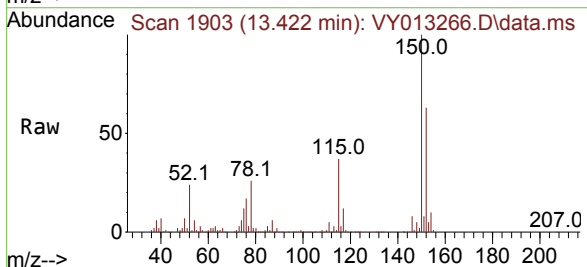
Tgt Ion:152 Resp: 179713

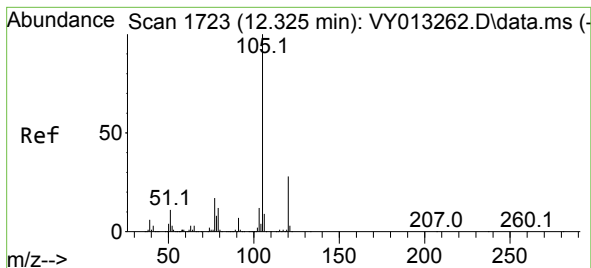
Ion Ratio Lower Upper

152 100

115 57.8 27.1 81.3

150 174.2 0.0 347.8





#73

Isopropylbenzene

Concen: 53.795 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

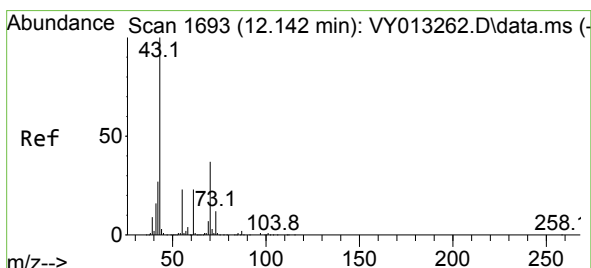
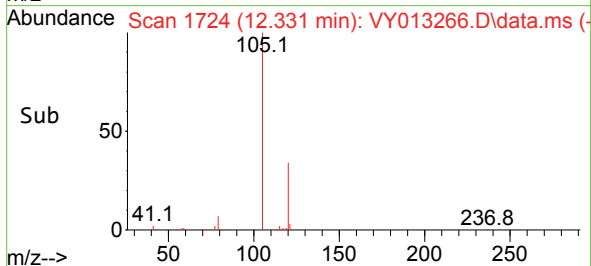
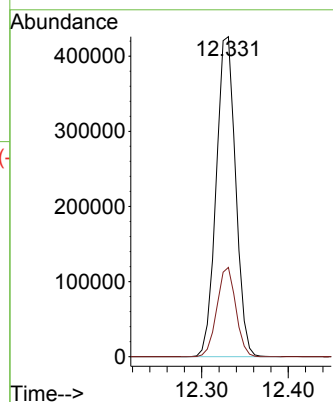
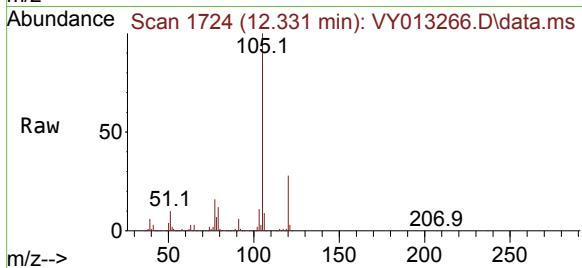
ICVVY041223

Tgt Ion:105 Resp: 663132

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 52.211 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Tgt Ion: 43 Resp: 229617

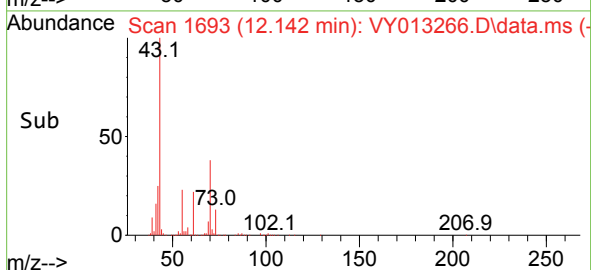
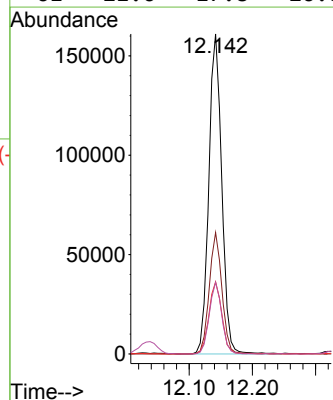
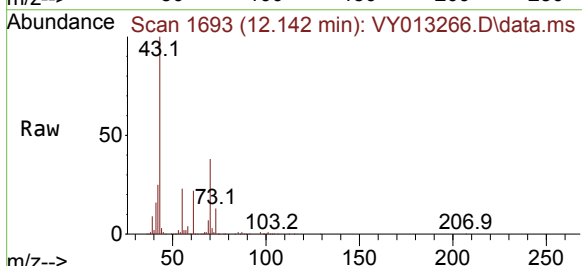
Ion Ratio Lower Upper

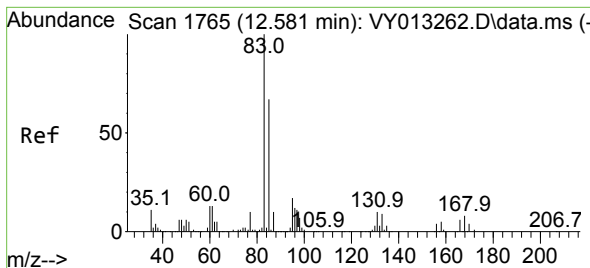
43 100

70 37.0 31.6 47.4

55 22.7 18.8 28.2

61 21.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.761 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041223

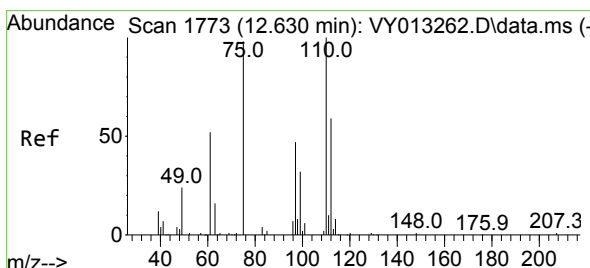
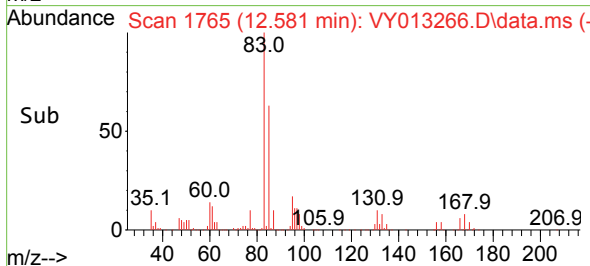
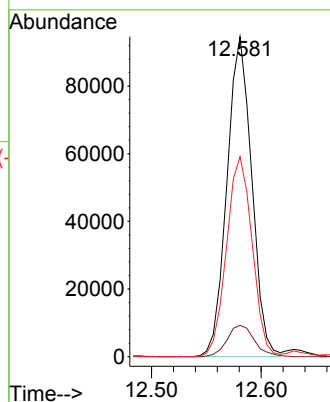
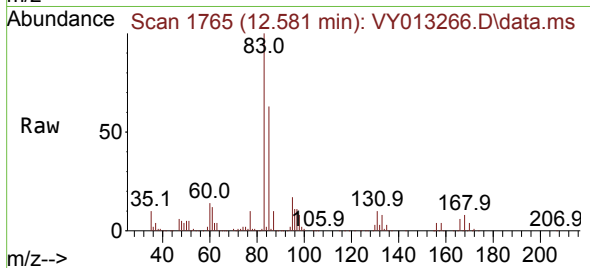
Tgt Ion: 83 Resp: 148489

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 89.291 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013266.D

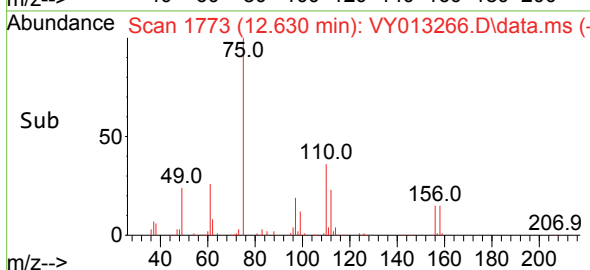
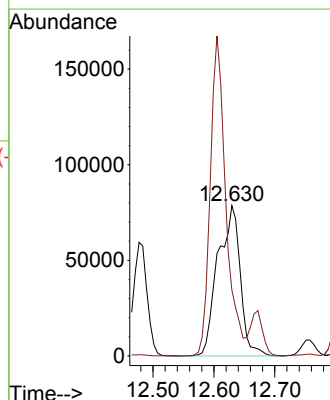
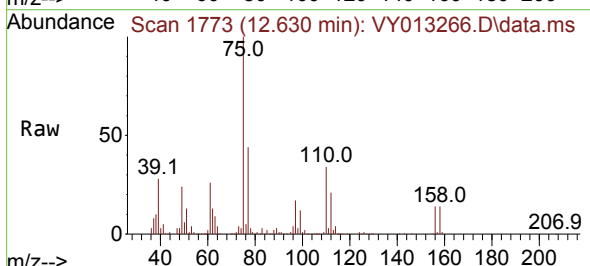
Acq: 12 Apr 2023 14:19

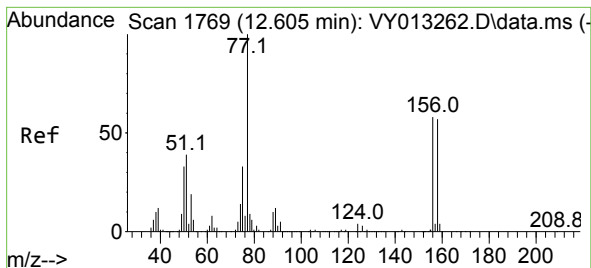
Tgt Ion: 75 Resp: 200639

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.100 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

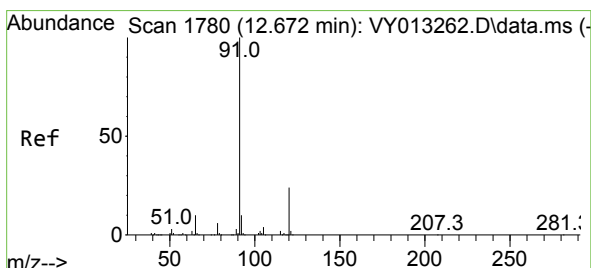
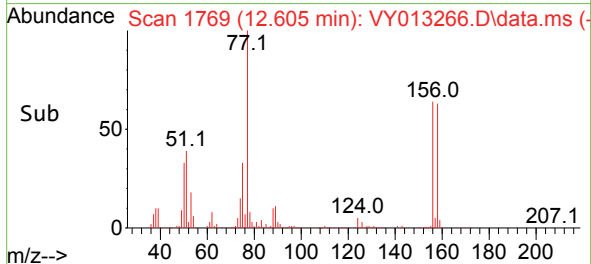
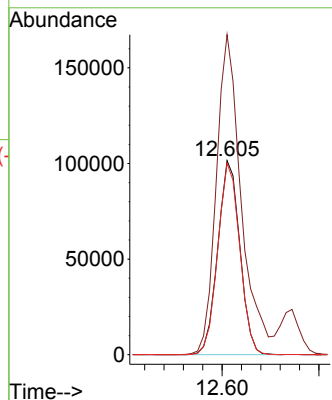
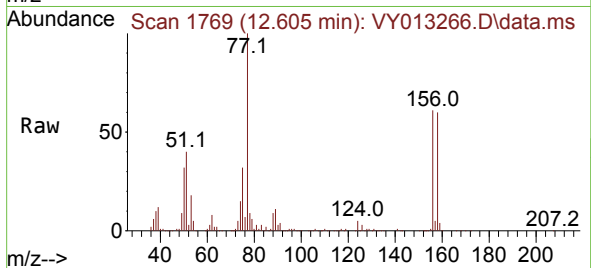
Tgt Ion:156 Resp: 160607

Ion Ratio Lower Upper

156 100

77 185.1 94.0 282.1

158 98.3 48.1 144.4



#78

n-propylbenzene

Concen: 53.980 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013266.D

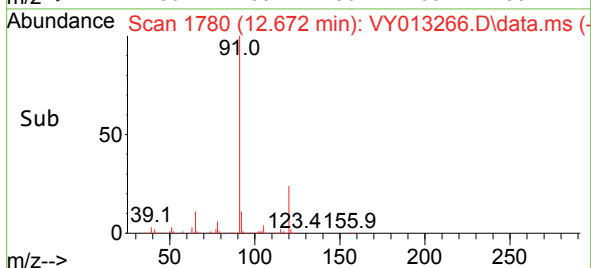
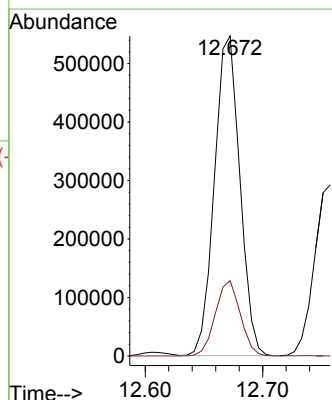
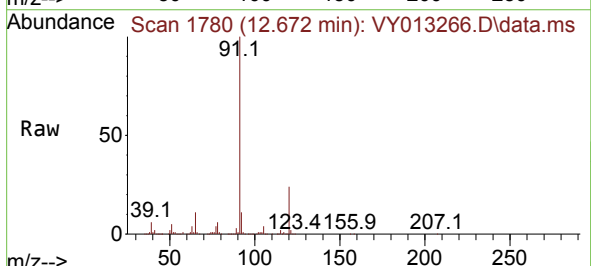
Acq: 12 Apr 2023 14:19

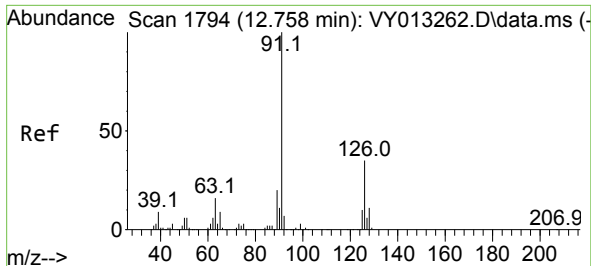
Tgt Ion: 91 Resp: 821815

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

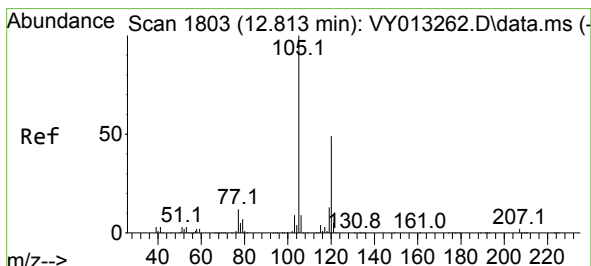
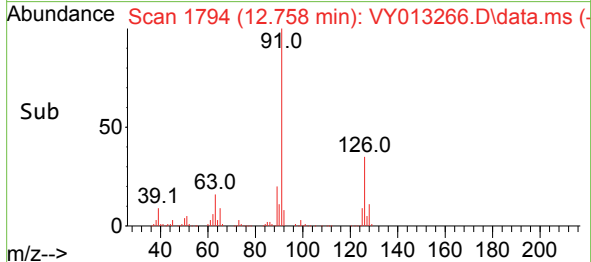
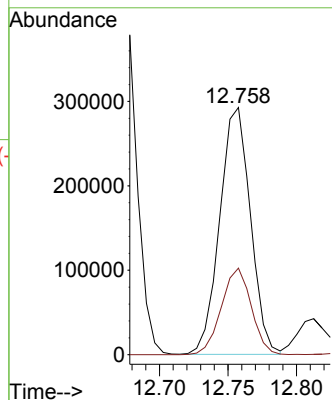
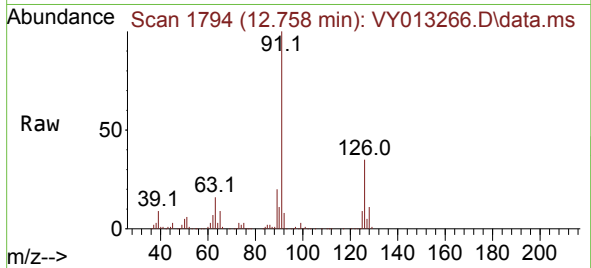




#79
2-Chlorotoluene
Concen: 53.252 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

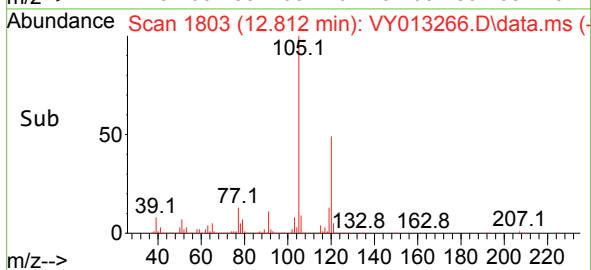
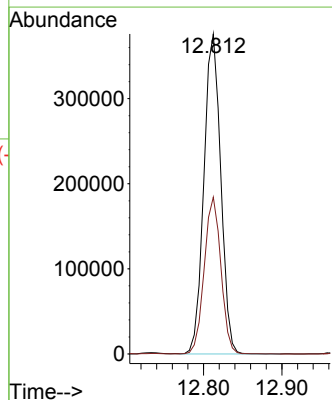
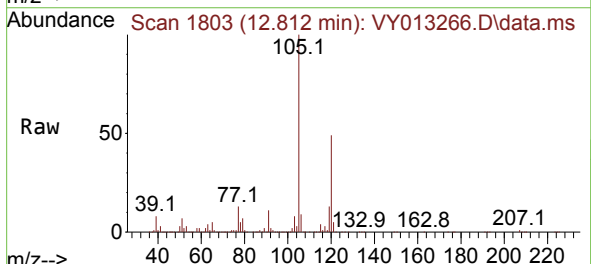
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

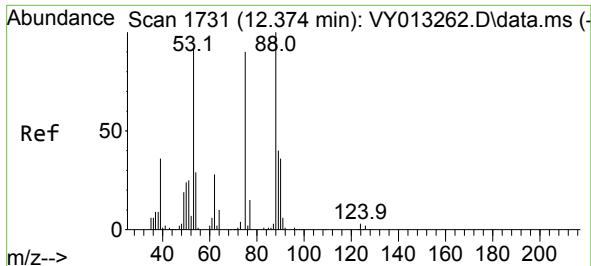
Tgt Ion: 91 Resp: 456359
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 54.294 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 105 Resp: 560608
Ion Ratio Lower Upper
105 100
120 48.5 24.8 74.4

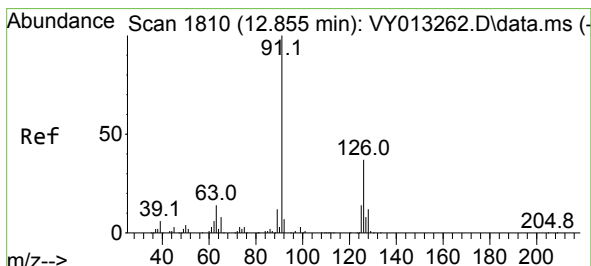
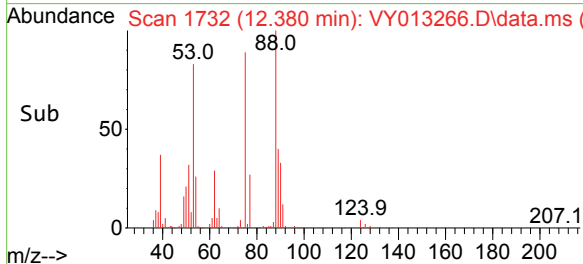
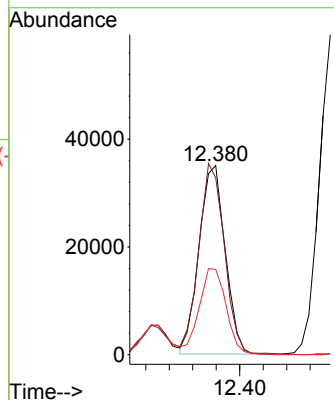
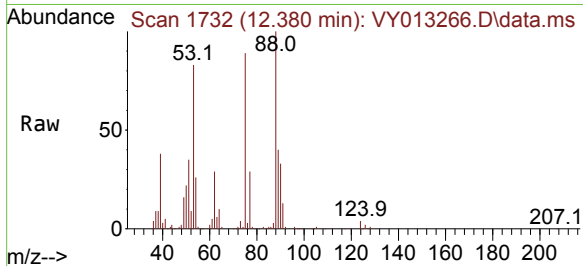




#81
trans-1,4-Dichloro-2-butene
Concen: 50.268 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

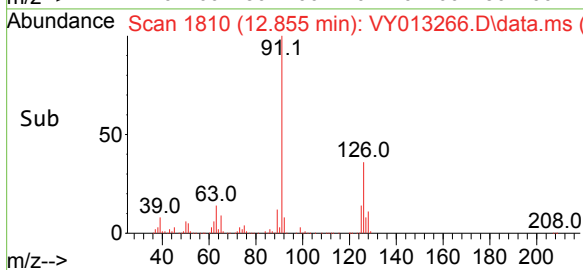
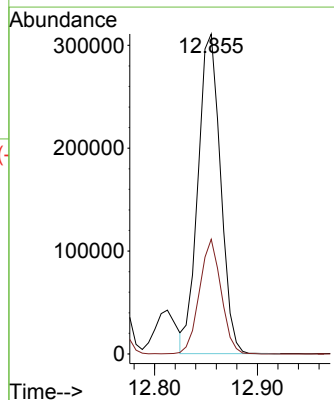
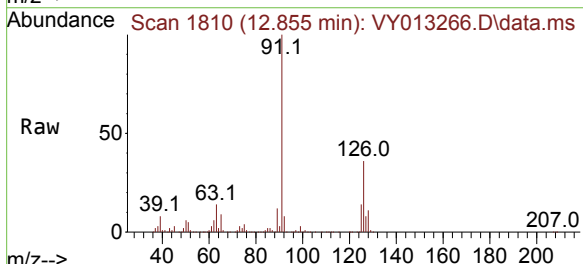
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

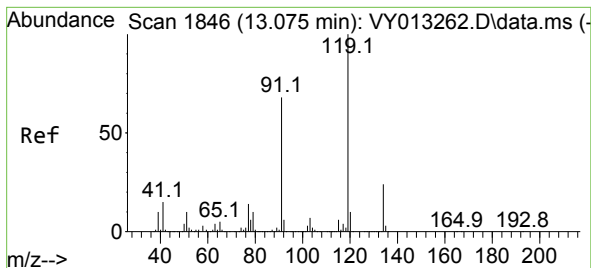
Tgt Ion: 75 Resp: 54237
Ion Ratio Lower Upper
75 100
53 99.4 73.4 110.0
89 47.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.407 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 91 Resp: 473479
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1





#83

tert-Butylbenzene

Concen: 54.689 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

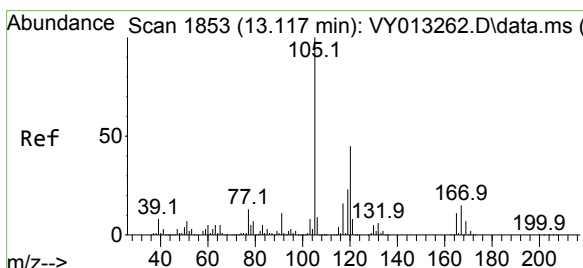
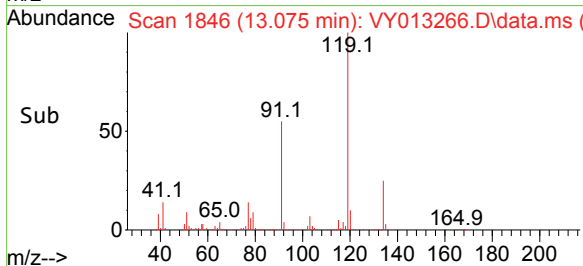
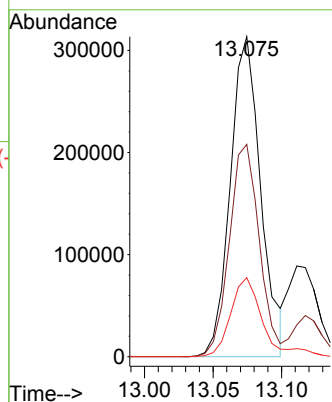
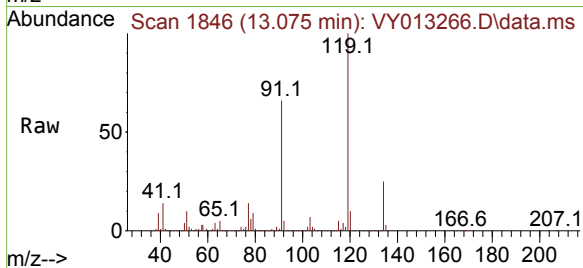
Tgt Ion:119 Resp: 484539

Ion Ratio Lower Upper

119 100

91 65.2 32.8 98.3

134 26.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 54.821 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013266.D

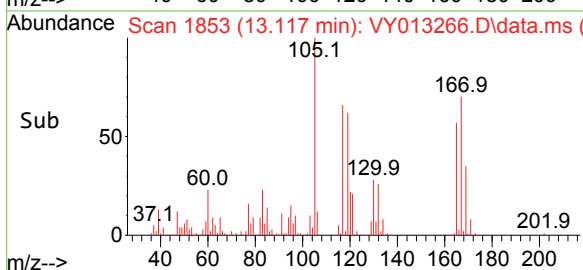
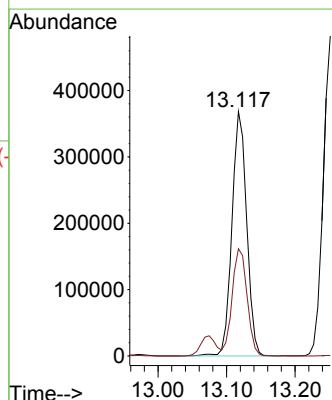
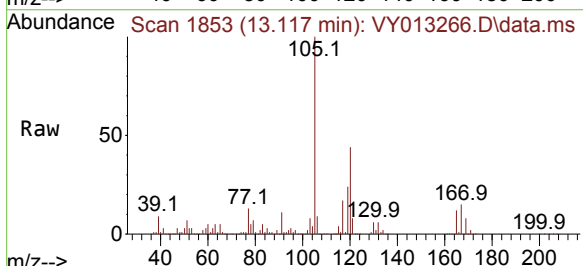
Acq: 12 Apr 2023 14:19

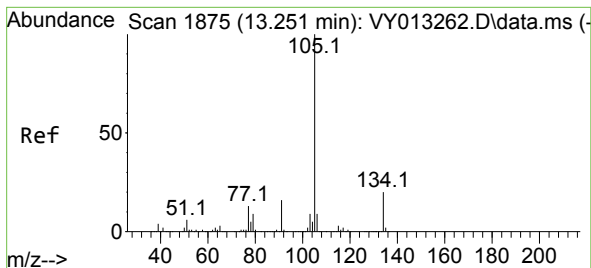
Tgt Ion:105 Resp: 550898

Ion Ratio Lower Upper

105 100

120 44.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.826 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

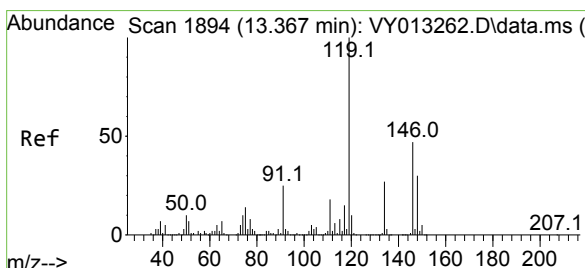
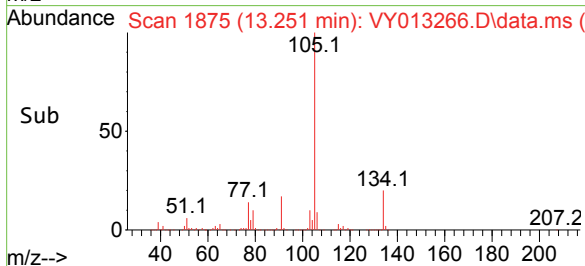
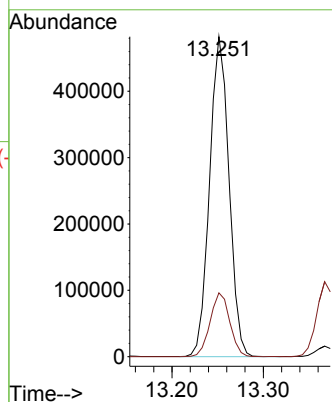
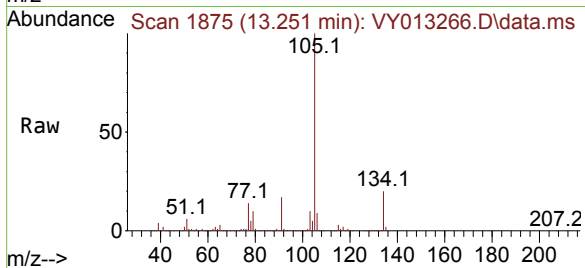
ICVVY041223

Tgt Ion:105 Resp: 713163

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 55.304 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

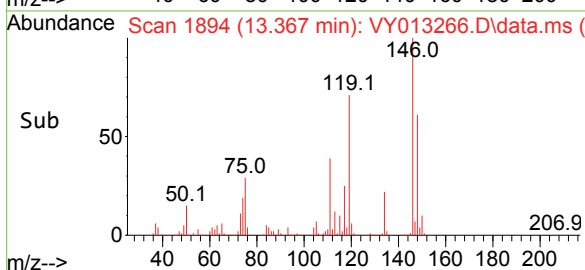
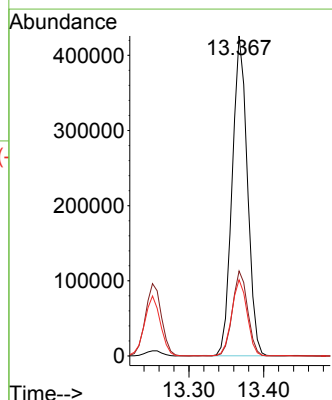
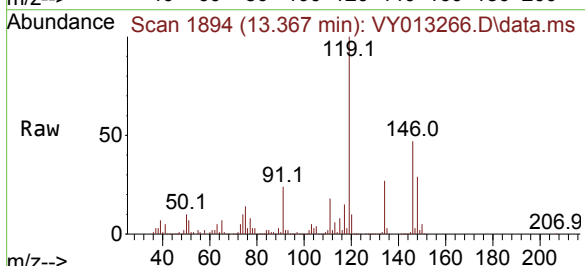
Tgt Ion:119 Resp: 601275

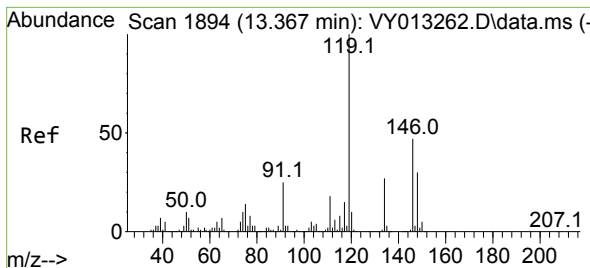
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 24.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 52.430 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

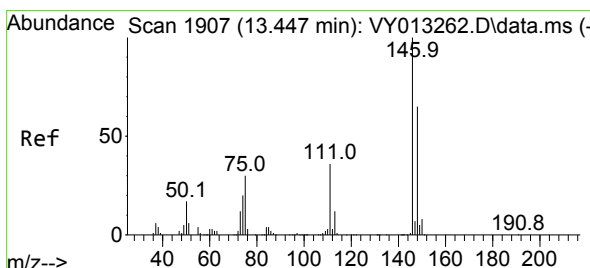
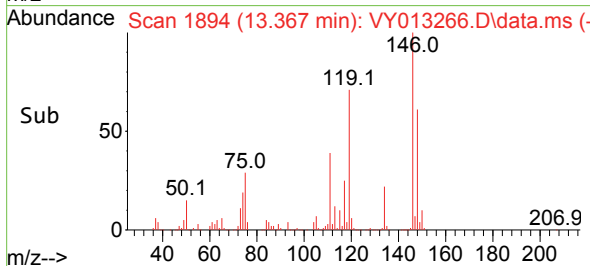
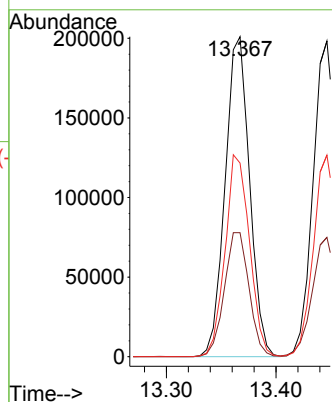
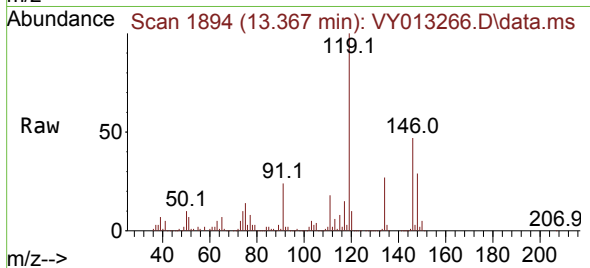
Tgt Ion:146 Resp: 311553

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 63.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.104 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

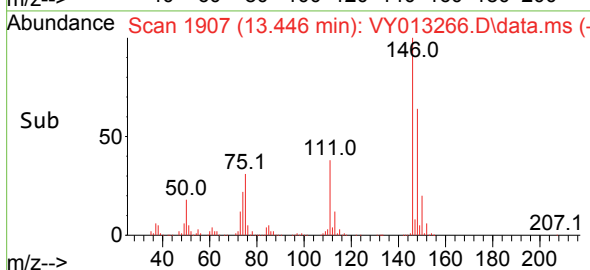
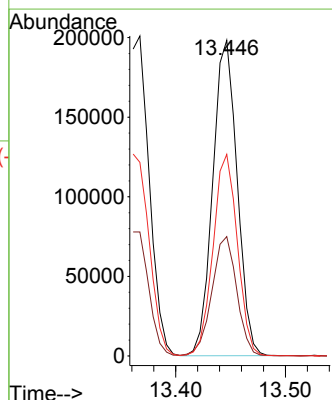
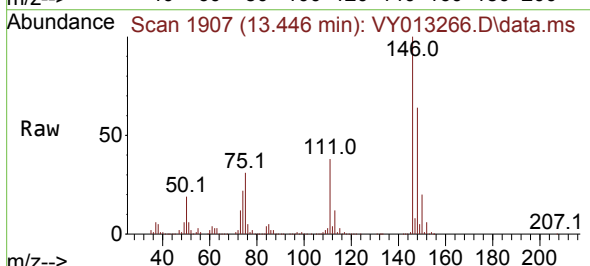
Tgt Ion:146 Resp: 306875

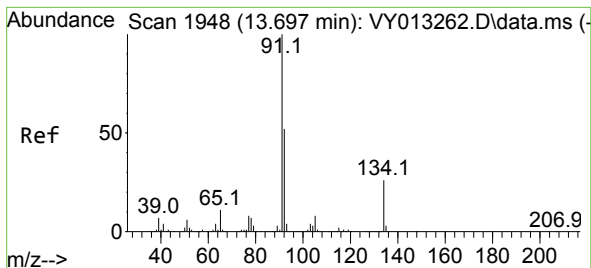
Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 54.410 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

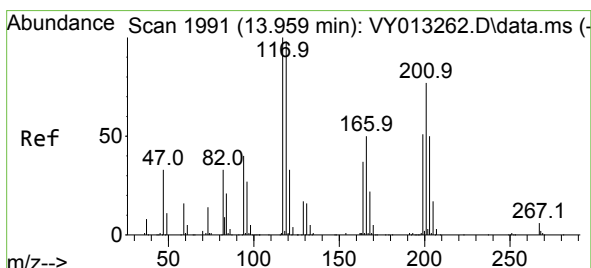
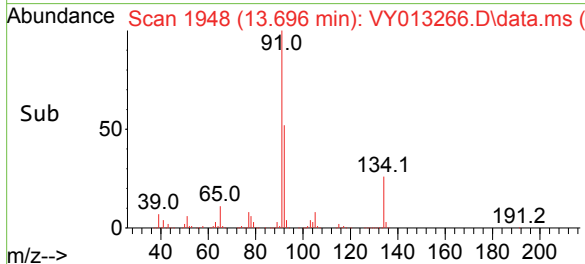
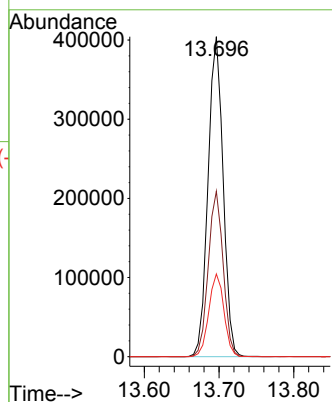
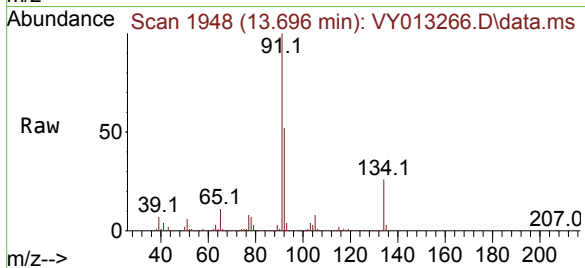
Tgt Ion: 91 Resp: 565792

Ion Ratio Lower Upper

91 100

92 51.1 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 51.749 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013266.D

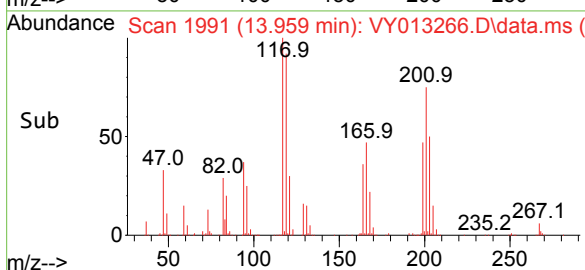
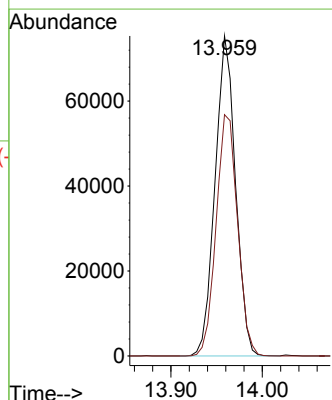
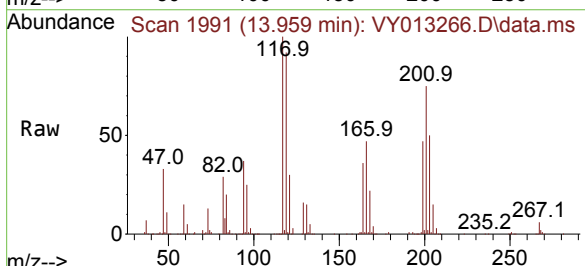
Acq: 12 Apr 2023 14:19

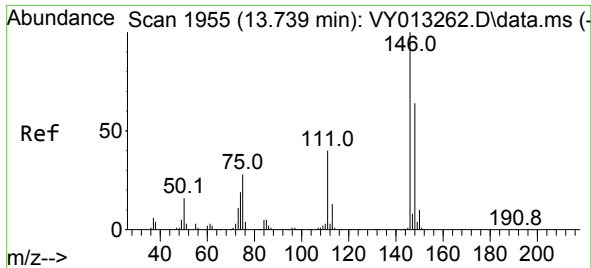
Tgt Ion: 117 Resp: 117312

Ion Ratio Lower Upper

117 100

201 79.1 39.4 118.1

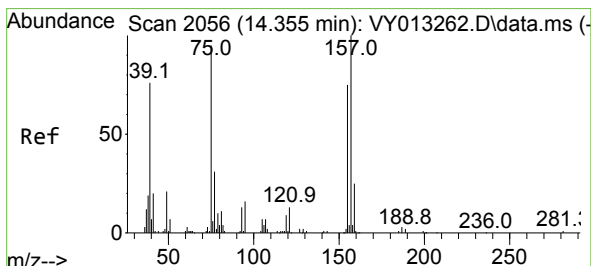
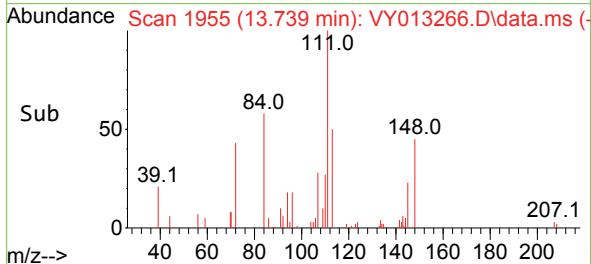
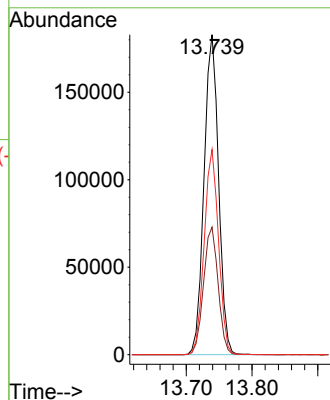
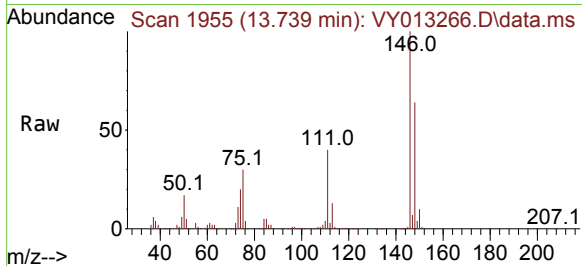




#91
1,2-Dichlorobenzene
Concen: 52.001 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

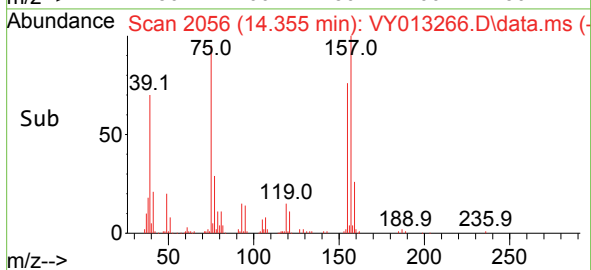
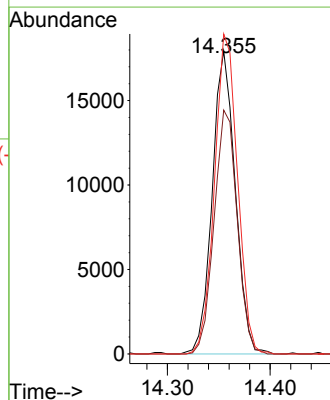
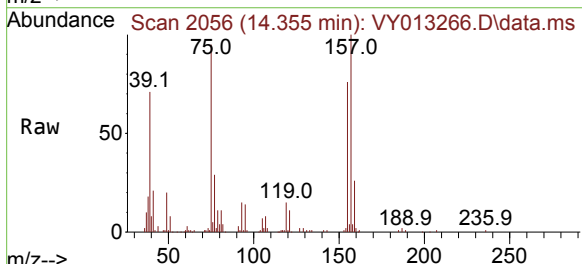
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041223

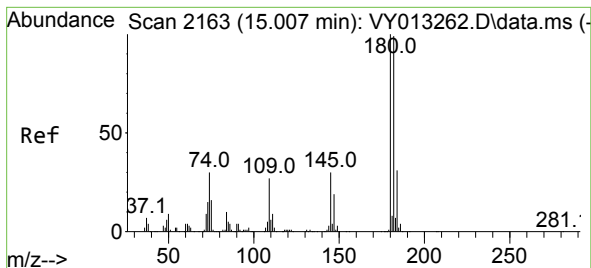
Tgt Ion:146 Resp: 281181
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.1
148 63.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.515 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013266.D
Acq: 12 Apr 2023 14:19

Tgt Ion: 75 Resp: 27935
Ion Ratio Lower Upper
75 100
155 80.5 43.8 131.4
157 105.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 54.976 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

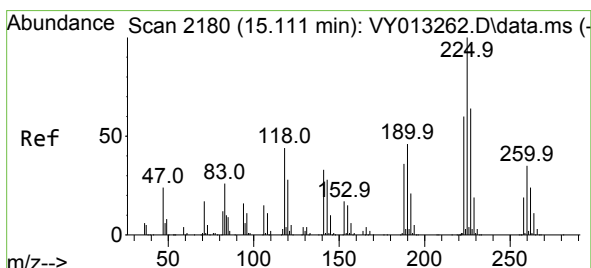
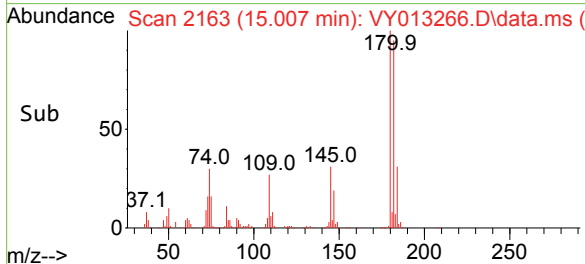
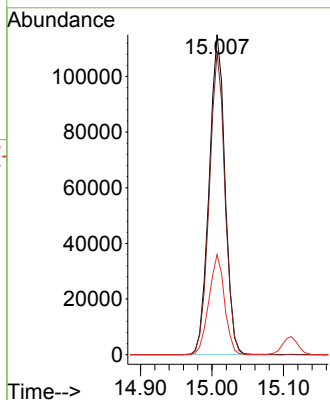
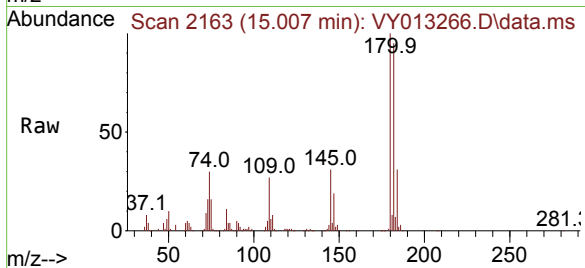
Tgt Ion:180 Resp: 176681

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 30.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 54.104 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

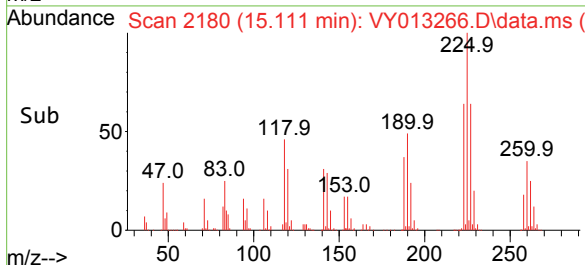
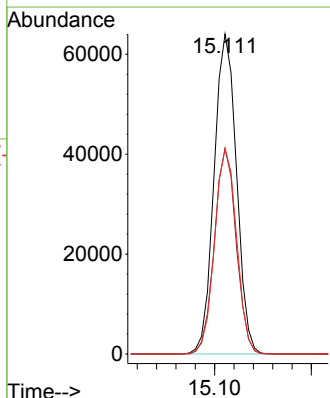
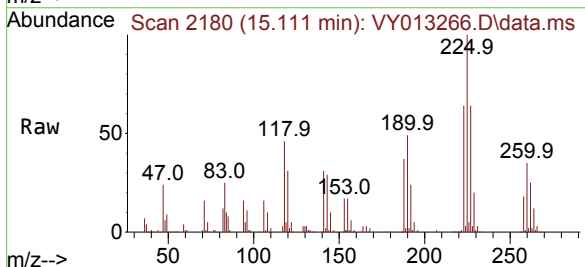
Tgt Ion:225 Resp: 102960

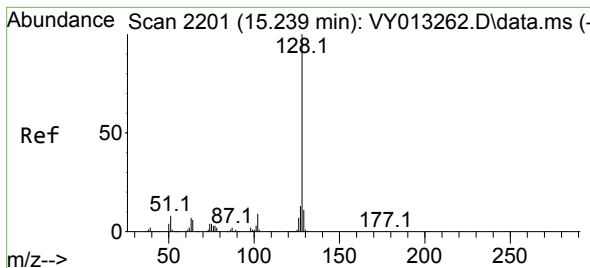
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.3

227 63.1 32.4 97.0





#95

Naphthalene

Concen: 49.533 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041223

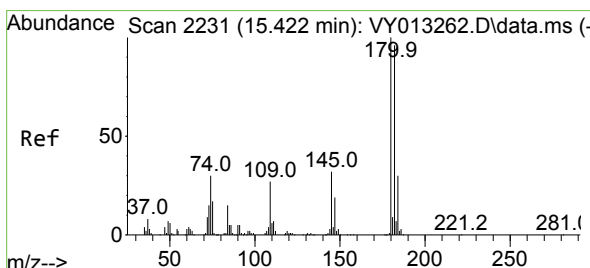
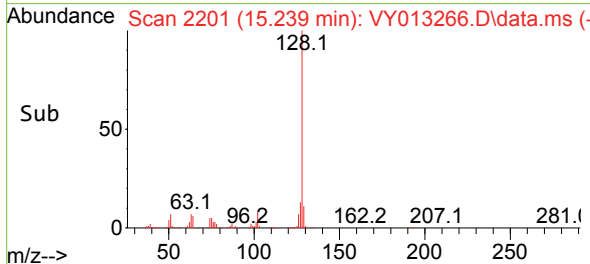
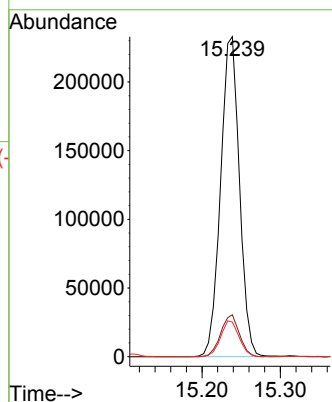
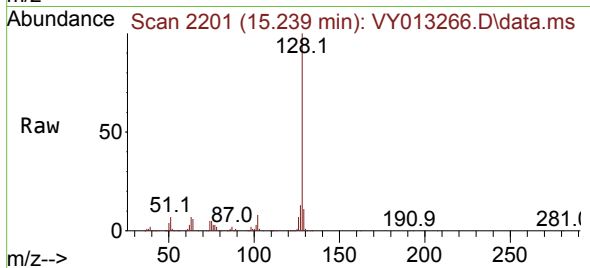
Tgt Ion:128 Resp: 390089

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.554 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013266.D

Acq: 12 Apr 2023 14:19

Tgt Ion:180 Resp: 159729

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 31.7 15.3 45.8

