

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013394.D
 Acq On : 24 Apr 2023 11:48
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 25 01:58:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 24 14:03:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	243607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	377051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28733	10.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.520%#
35) Dibromofluoromethane	7.716	113	25316	10.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.360%#
50) Toluene-d8	10.179	98	91933	10.897	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.800%#
62) 4-Bromofluorobenzene	12.477	95	31035	10.912	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.820%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24212	10.455	ug/l	94
3) Chloromethane	2.107	50	32729	10.543	ug/l	98
4) Vinyl Chloride	2.247	62	30764	9.953	ug/l	97
5) Bromomethane	2.650	94	25527	10.363	ug/l	100
6) Chloroethane	2.796	64	20571	9.634	ug/l	95
7) Trichlorofluoromethane	3.125	101	47653	10.177	ug/l	96
8) Diethyl Ether	3.527	74	16266	10.201	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	26385	10.046	ug/l	96
10) Methyl Iodide	4.094	142	30907	9.369	ug/l	99
11) Tert butyl alcohol	4.978	59	13657	40.913	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	24937	9.850	ug/l	88
13) Acrolein	3.735	56	14781	56.495	ug/l	95
14) Allyl chloride	4.478	41	45968	9.785	ug/l	98
15) Acrylonitrile	5.161	53	44106	49.390	ug/l	98
16) Acetone	3.954	43	48170	45.804	ug/l	95
17) Carbon Disulfide	4.192	76	84194	10.238	ug/l	99
18) Methyl Acetate	4.485	43	34351	9.890	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	70639	9.664	ug/l	98
20) Methylene Chloride	4.710	84	58186	11.419	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	28654	10.351	ug/l	87
22) Diisopropyl ether	6.118	45	90584	9.865	ug/l #	94
23) Vinyl Acetate	6.057	43	276655	52.816	ug/l	97
24) 1,1-Dichloroethane	6.021	63	52165	10.194	ug/l	97
25) 2-Butanone	6.990	43	64396	48.283	ug/l	92
26) 2,2-Dichloropropane	6.978	77	44778	10.154	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	30903	10.104	ug/l	96
28) Bromochloromethane	7.326	49	19456	10.714	ug/l	83
29) Tetrahydrofuran	7.350	42	40381	48.639	ug/l	91
30) Chloroform	7.502	83	52859	10.389	ug/l	97
31) Cyclohexane	7.783	56	47243	9.881	ug/l #	92
32) 1,1,1-Trichloroethane	7.697	97	45876	10.104	ug/l	98
36) 1,1-Dichloropropene	7.917	75	39238	9.970	ug/l	96
37) Ethyl Acetate	7.076	43	28259	9.541	ug/l	99
38) Carbon Tetrachloride	7.893	117	41972	10.175	ug/l	92
39) Methylcyclohexane	9.179	83	43211	9.313	ug/l	94
40) Benzene	8.155	78	113221	10.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	38047	27.507	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	37754	10.416	ug/l	99
43) Isopropyl Acetate	8.270	43	47923	9.586	ug/l	97
44) Trichloroethene	8.935	130	29589	10.033	ug/l	98
45) 1,2-Dichloropropane	9.215	63	29496	10.175	ug/l	94
46) Dibromomethane	9.301	93	17769	10.245	ug/l	94
47) Bromodichloromethane	9.490	83	39512	10.181	ug/l	98
48) Methyl methacrylate	9.295	41	21468	9.350	ug/l	95
49) 1,4-Dioxane	9.313	88	5044	203.621	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	135145	48.512	ug/l	95
52) Toluene	10.246	92	68107	10.208	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	41242	10.041	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	46167	9.989	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	23365	10.172	ug/l	95
56) Ethyl methacrylate	10.508	69	30103	9.447	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	39488	10.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	61126	51.154	ug/l	94
59) 2-Hexanone	10.831	43	97702	48.247	ug/l	96
60) Dibromochloromethane	10.983	129	28448	10.200	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23464	10.390	ug/l	99
64) Tetrachloroethene	10.715	164	25661	10.105	ug/l	97
65) Chlorobenzene	11.514	112	74556	10.248	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	28466	10.462	ug/l	99
67) Ethyl Benzene	11.593	91	125463	9.821	ug/l	98
68) m/p-Xylenes	11.703	106	96801	19.933	ug/l	100
69) o-Xylene	12.026	106	44904	9.777	ug/l	100
70) Styrene	12.044	104	76598	9.974	ug/l	98
71) Bromoform	12.209	173	19153	10.050	ug/l #	99
73) Isopropylbenzene	12.325	105	119038	9.487	ug/l	98
74) N-amyl acetate	12.142	43	40810	9.140	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	30135	9.826	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	38386	16.758	ug/l #	100
77) Bromobenzene	12.605	156	31064	10.218	ug/l	97
78) n-propylbenzene	12.666	91	146802	9.499	ug/l	99
79) 2-Chlorotoluene	12.757	91	84229	9.759	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	97925	9.562	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	10378	9.489	ug/l	92
82) 4-Chlorotoluene	12.855	91	88255	9.811	ug/l	99
83) tert-Butylbenzene	13.074	119	84794	9.557	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	94975	9.539	ug/l	100
85) sec-Butylbenzene	13.251	105	127830	9.600	ug/l	98
86) p-Isopropyltoluene	13.367	119	102273	9.551	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	58493	10.099	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	60728	10.379	ug/l	98
89) n-Butylbenzene	13.696	91	99051	9.477	ug/l	98
90) Hexachloroethane	13.958	117	21981	9.753	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	52919	10.117	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5486	10.128	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	31028	9.950	ug/l	96
94) Hexachlorobutadiene	15.111	225	19023	10.482	ug/l	99
95) Naphthalene	15.233	128	61495	9.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27527	9.904	ug/l	99

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ClientSampleId :
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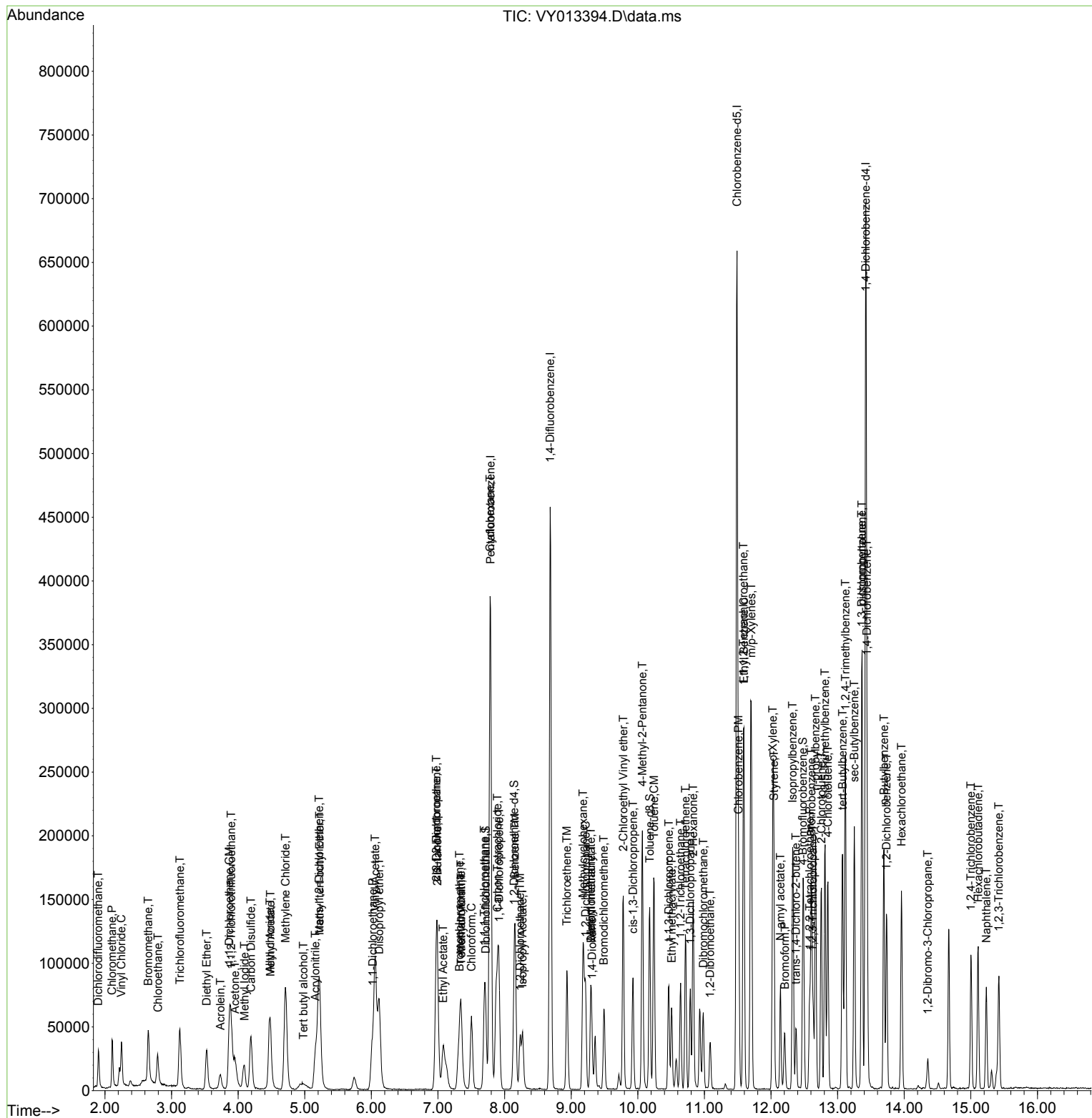
Quant Time: Apr 25 01:58:30 2023
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QLast Update : Mon Apr 24 14:03:33 2023
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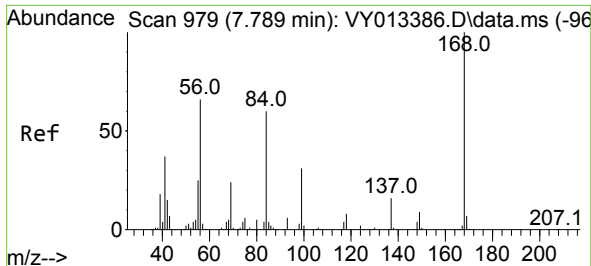
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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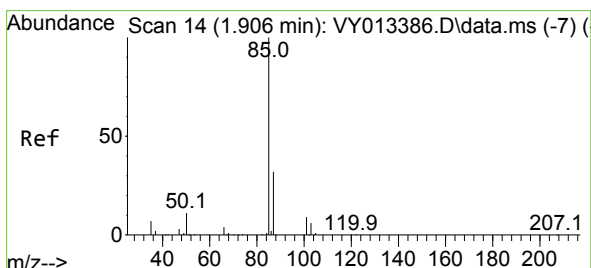
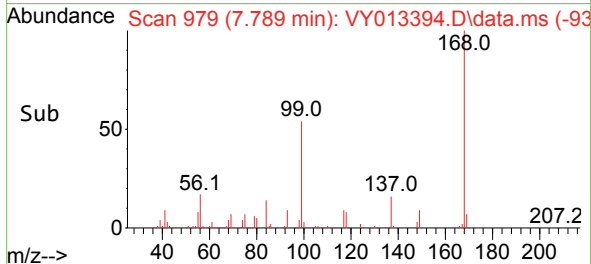
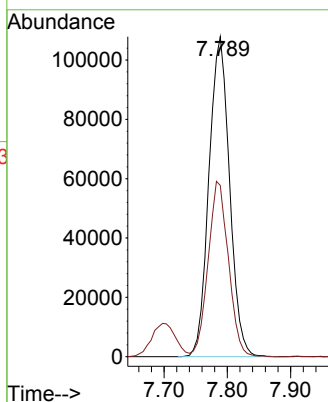
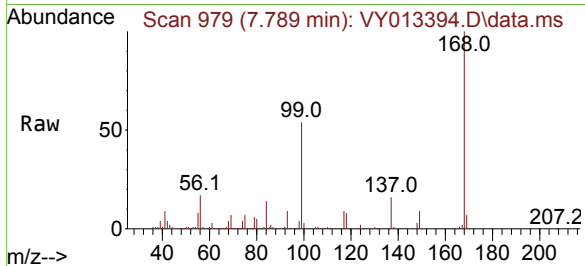




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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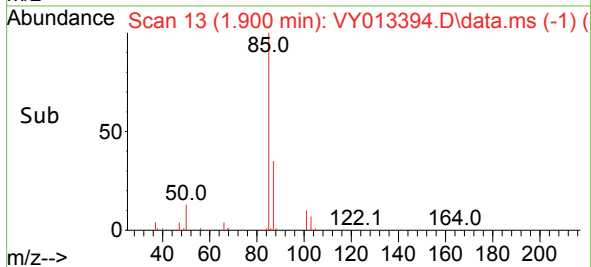
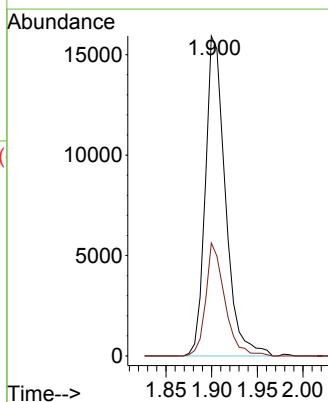
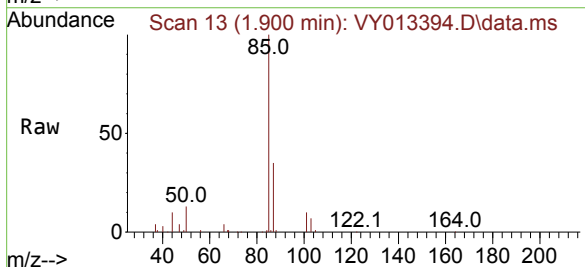
Instrument :
MSVOA_Y
ClientSampleId :
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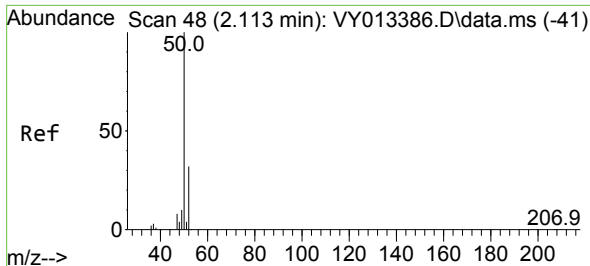
Tgt Ion:168 Resp: 243607
Ion Ratio Lower Upper
168 100
99 53.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 10.455 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 85 Resp: 24212
Ion Ratio Lower Upper
85 100
87 35.3 16.1 48.2

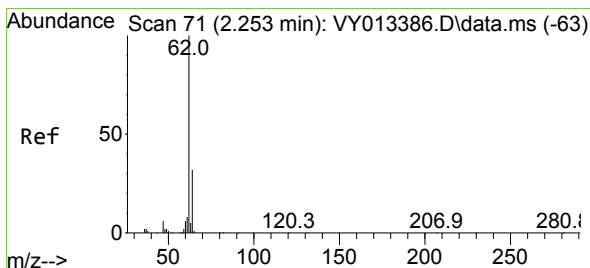
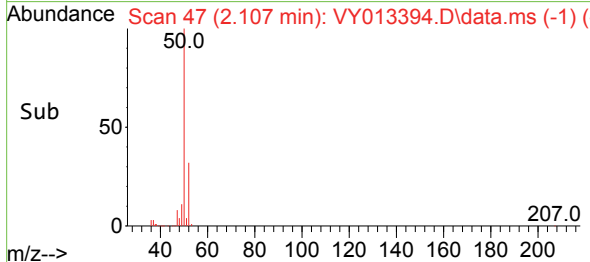
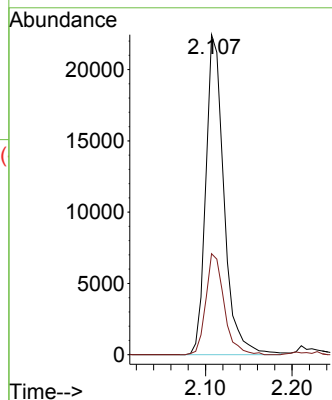
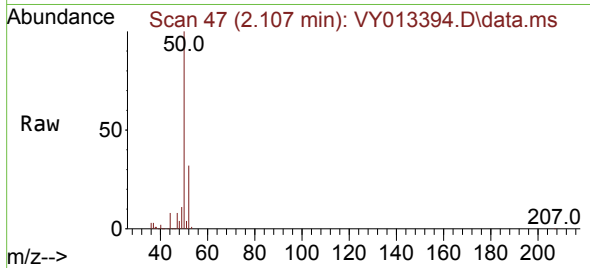




#3
Chloromethane
Concen: 10.543 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

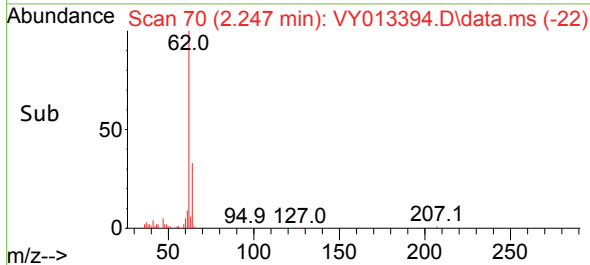
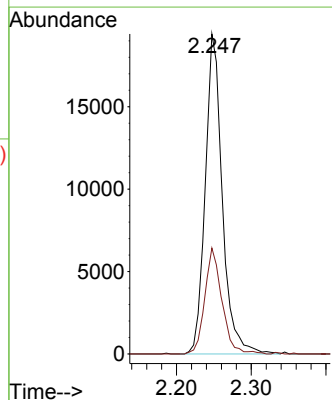
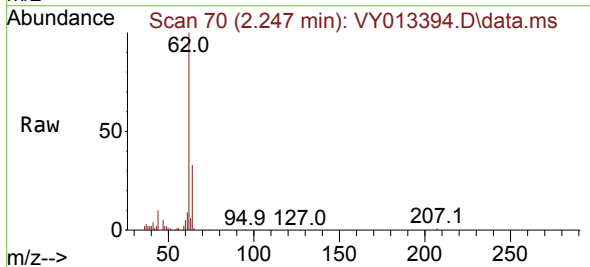
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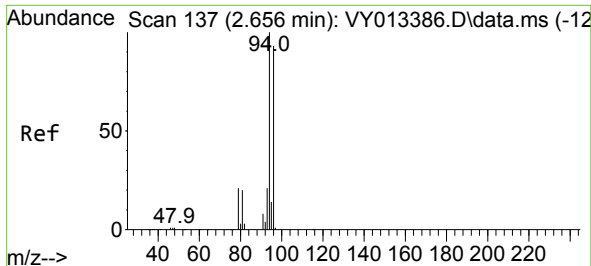
Tgt Ion: 50 Resp: 32729
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9



#4
Vinyl Chloride
Concen: 9.953 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 62 Resp: 30764
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

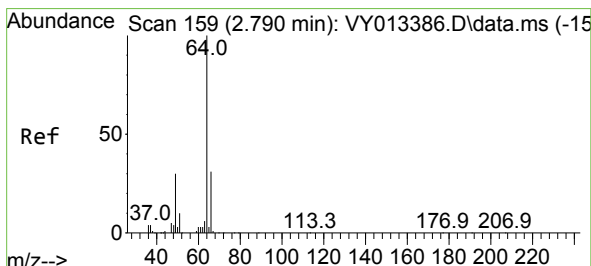
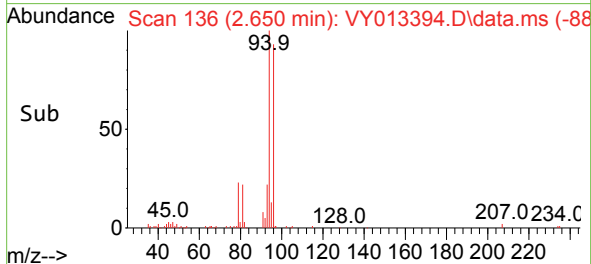
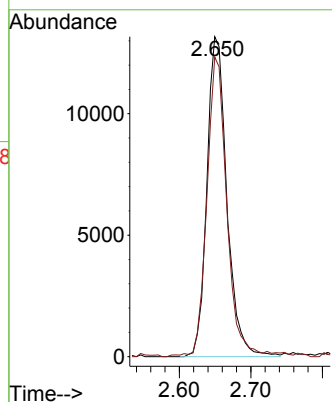
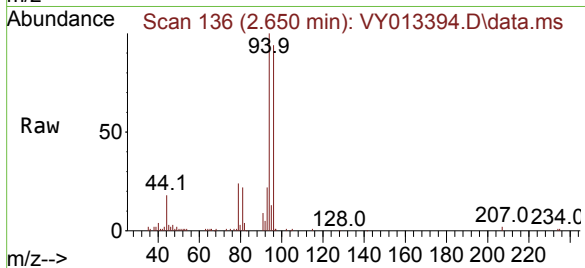




#5
Bromomethane
Concen: 10.363 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

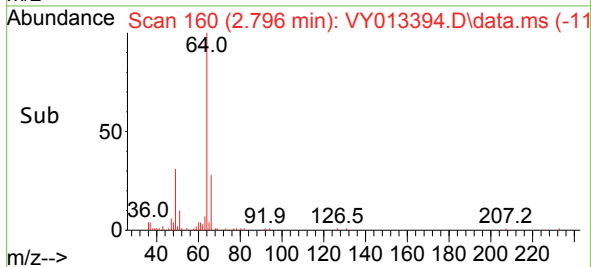
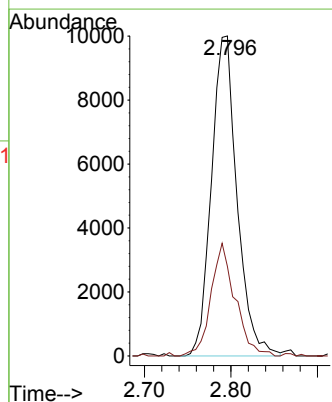
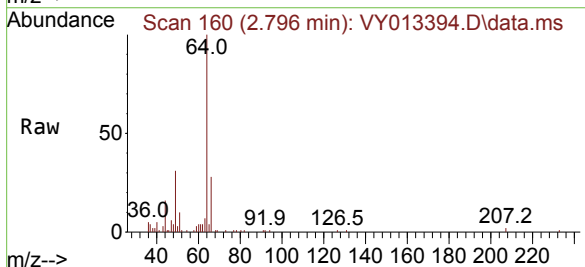
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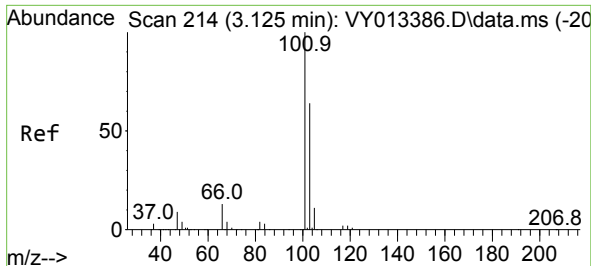
Tgt Ion: 94 Resp: 25527
Ion Ratio Lower Upper
94 100
96 93.1 74.2 111.2



#6
Chloroethane
Concen: 9.634 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 64 Resp: 20571
Ion Ratio Lower Upper
64 100
66 28.0 24.6 37.0

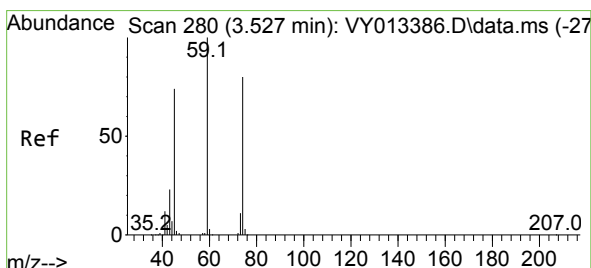
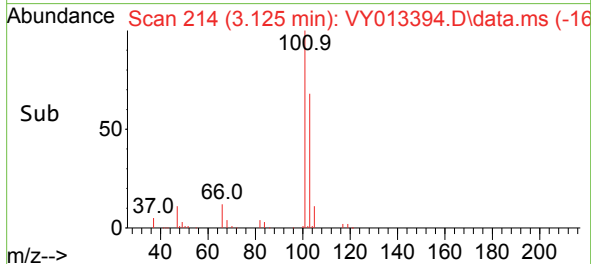
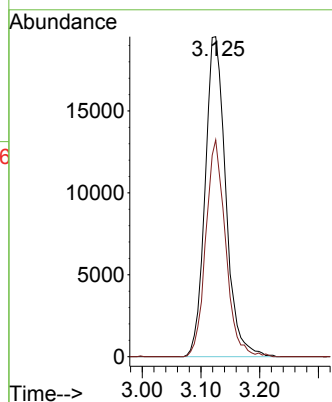
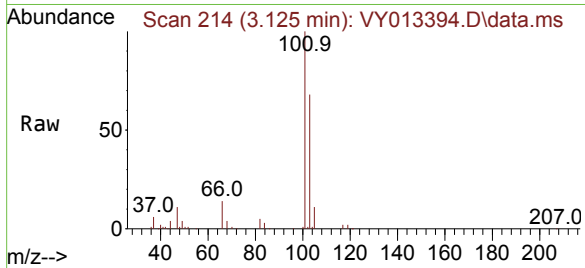




#7
Trichlorofluoromethane
Concen: 10.177 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013394.D
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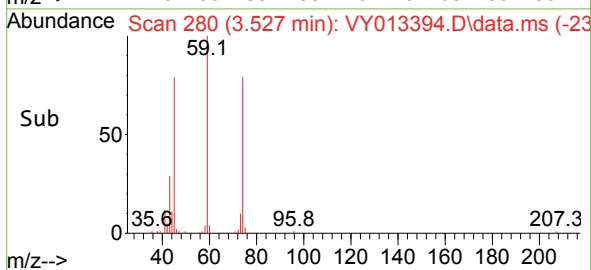
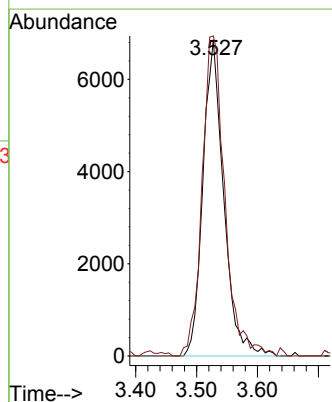
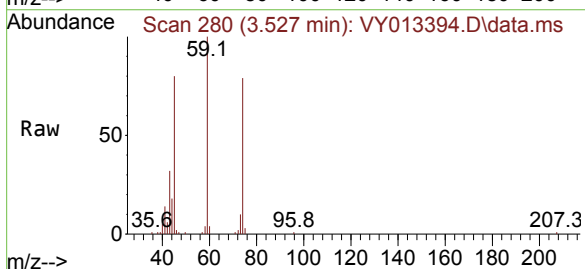
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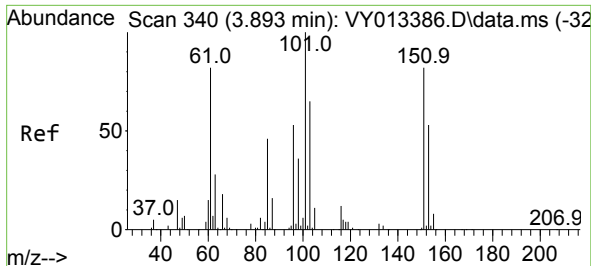
Tgt Ion:101 Resp: 47653
Ion Ratio Lower Upper
101 100
103 67.8 51.6 77.4



#8
Diethyl Ether
Concen: 10.201 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 74 Resp: 16266
Ion Ratio Lower Upper
74 100
45 110.6 48.2 144.6

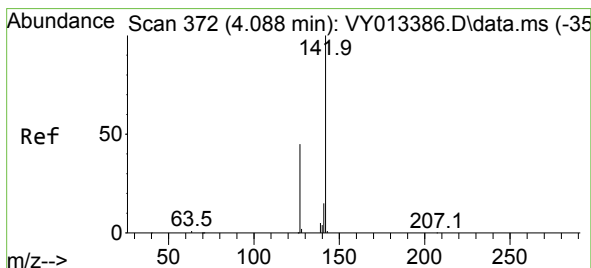
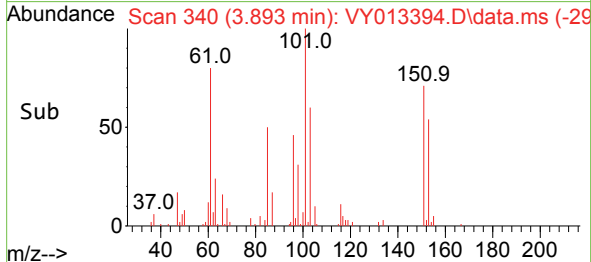
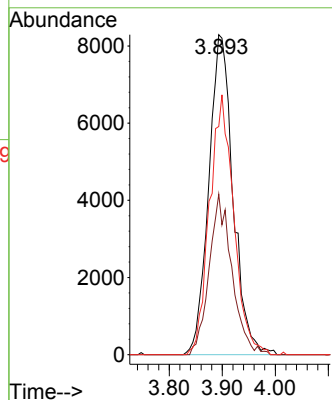
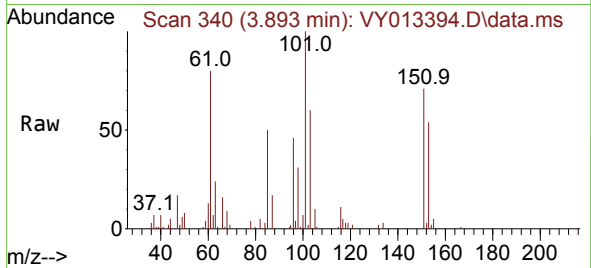




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.046 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

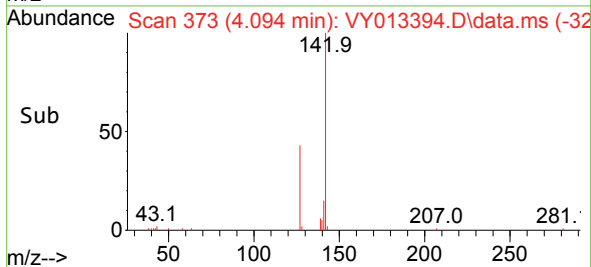
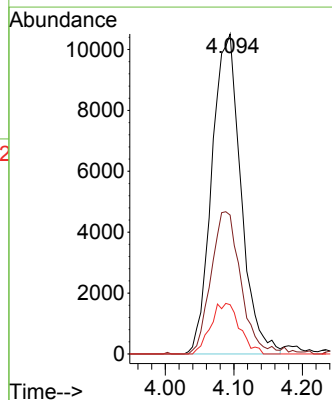
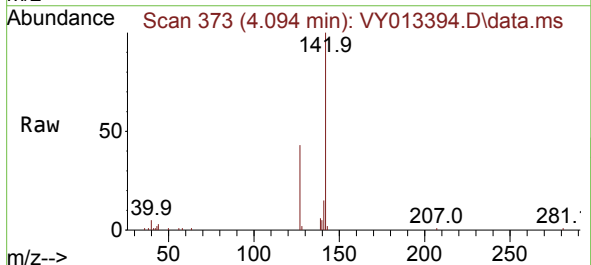
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

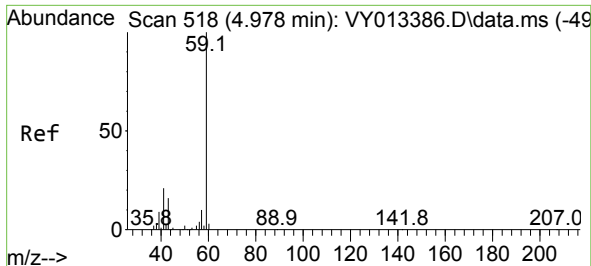
Tgt Ion:101 Resp: 26385
Ion Ratio Lower Upper
101 100
85 47.0 35.6 53.4
151 80.9 68.0 102.0



#10
Methyl Iodide
Concen: 9.369 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion:142 Resp: 30907
Ion Ratio Lower Upper
142 100
127 45.4 36.1 54.1
141 15.8 11.6 17.4

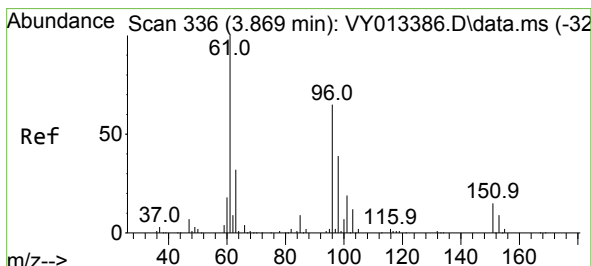
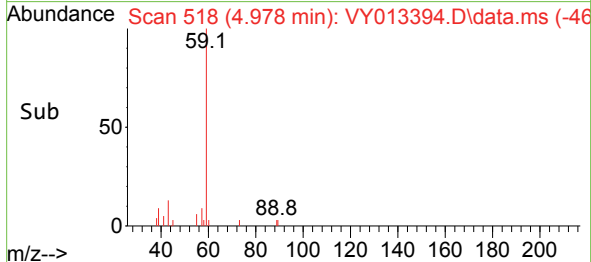
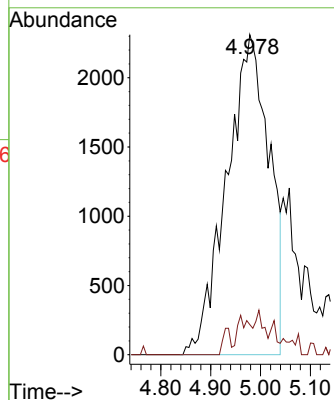
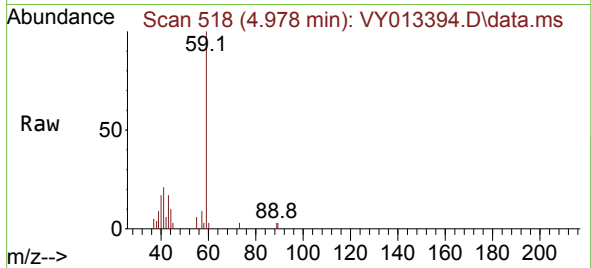




#11
Tert butyl alcohol
Concen: 40.913 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

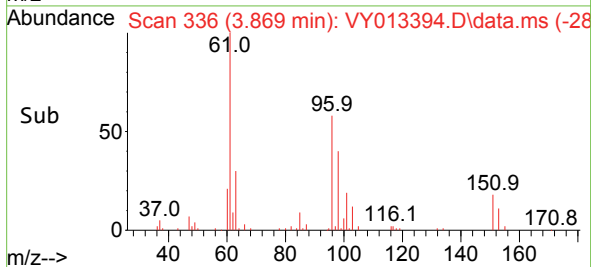
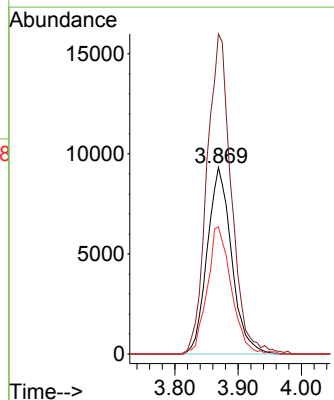
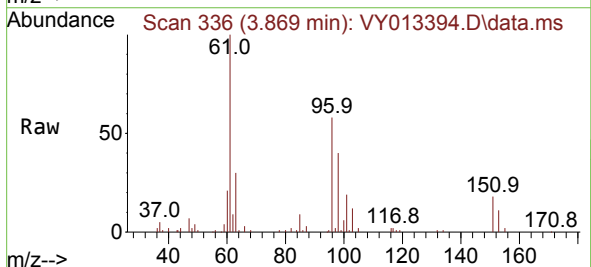
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

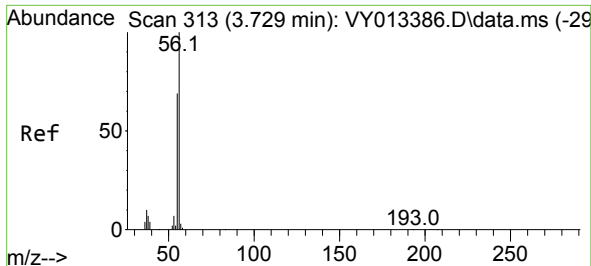
Tgt Ion: 59 Resp: 13657
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 9.850 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 96 Resp: 24937
Ion Ratio Lower Upper
96 100
61 171.6 123.9 185.9
98 68.2 48.9 73.3

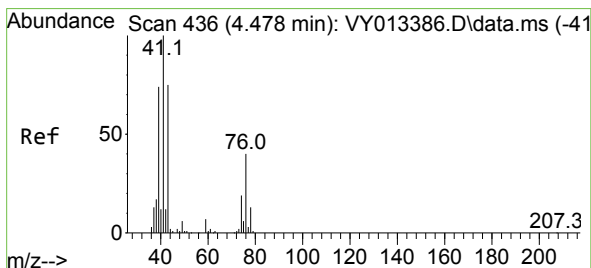
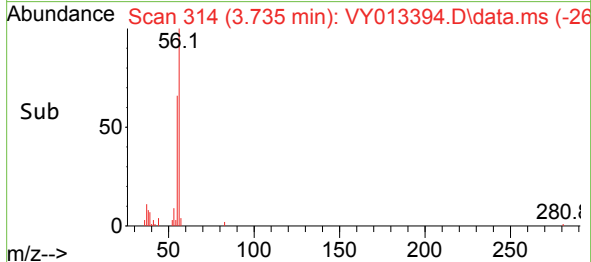
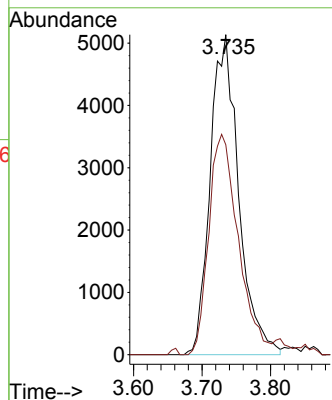
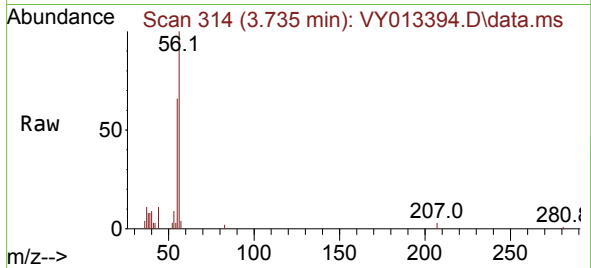




#13
Acrolein
Concen: 56.495 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

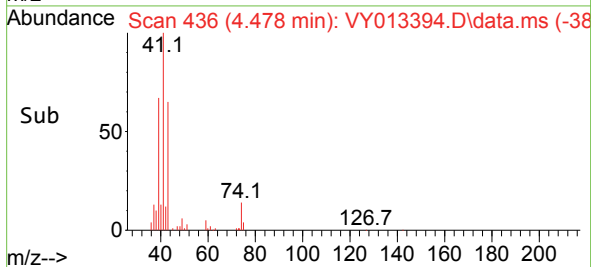
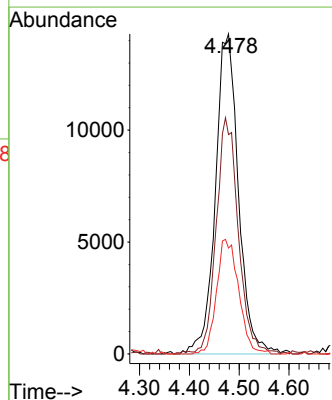
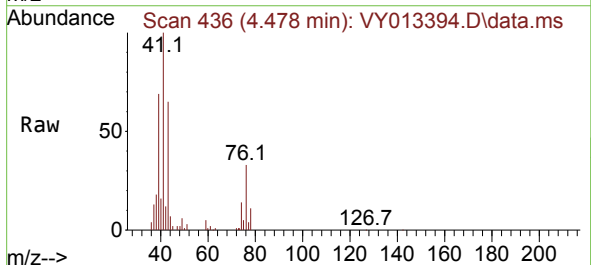
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

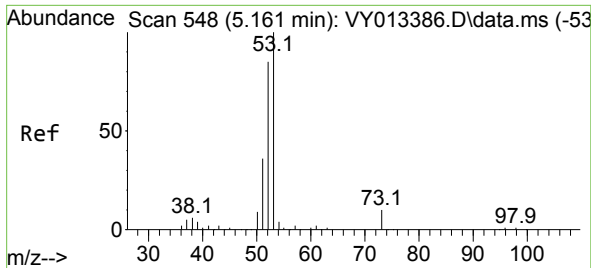
Tgt Ion: 56 Resp: 14781
Ion Ratio Lower Upper
56 100
55 71.9 54.1 81.1



#14
Allyl chloride
Concen: 9.785 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 41 Resp: 45968
Ion Ratio Lower Upper
41 100
39 70.9 56.6 85.0
76 34.4 30.5 45.7

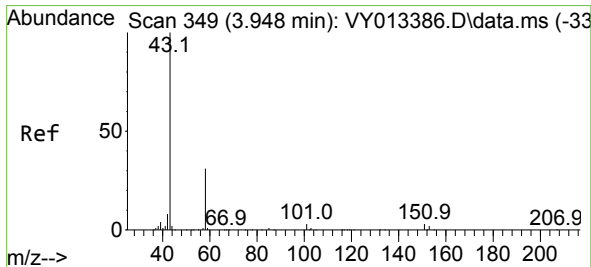
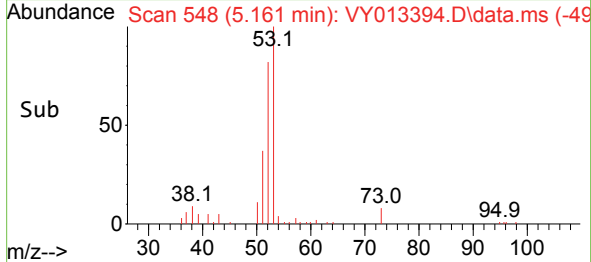
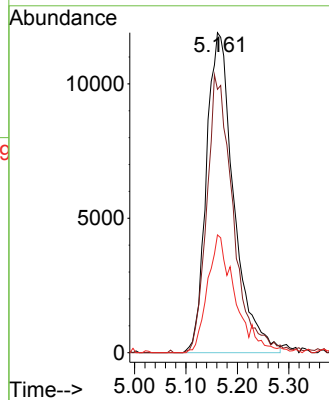
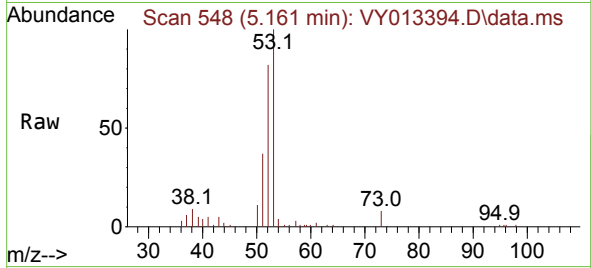




#15
Acrylonitrile
Concen: 49.390 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

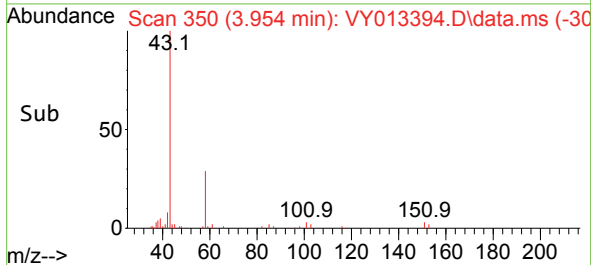
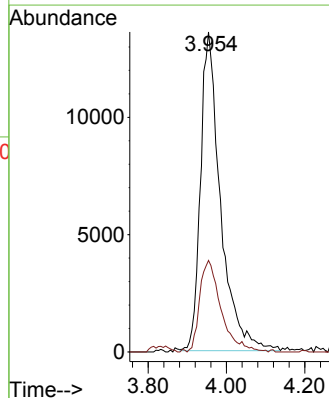
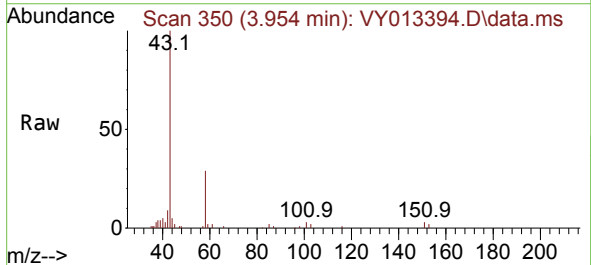
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

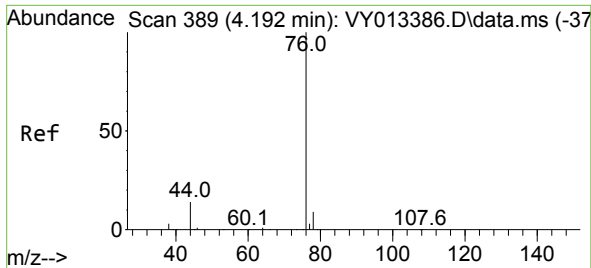
Tgt Ion: 53	Resp:	44106
Ion	Ratio	Lower Upper
53	100	
52	83.4	65.4 98.0
51	37.4	29.3 43.9



#16
Acetone
Concen: 45.804 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 43	Resp:	48170
Ion	Ratio	Lower Upper
43	100	
58	28.7	25.4 38.0

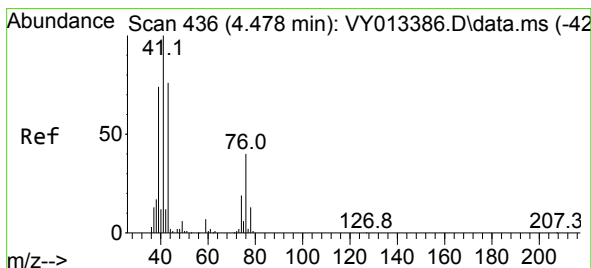
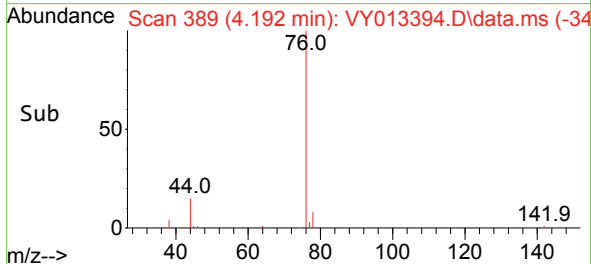
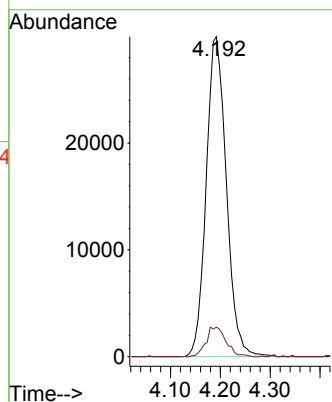
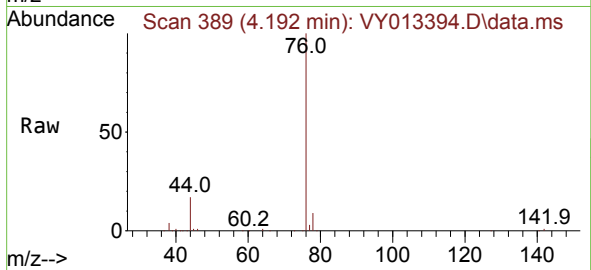




#17
Carbon Disulfide
Concen: 10.238 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

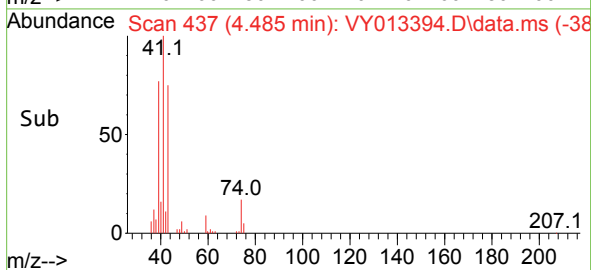
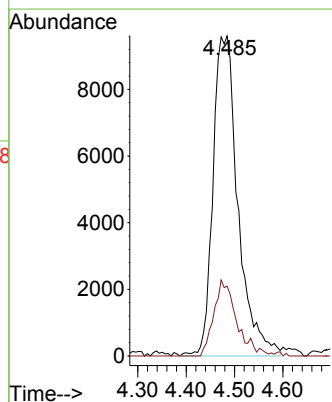
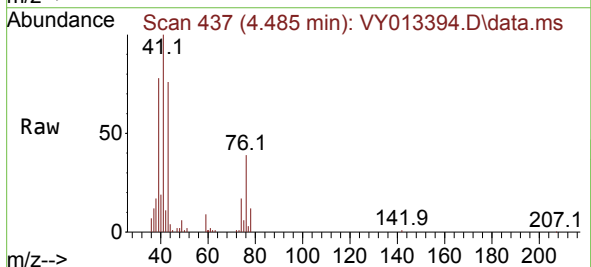
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

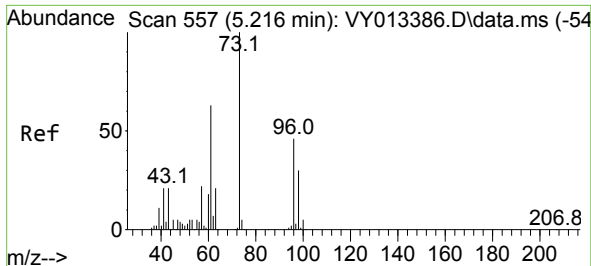
Tgt Ion: 76 Resp: 84194
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 9.890 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 43 Resp: 34351
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2

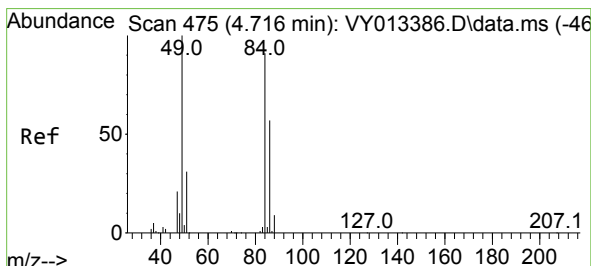
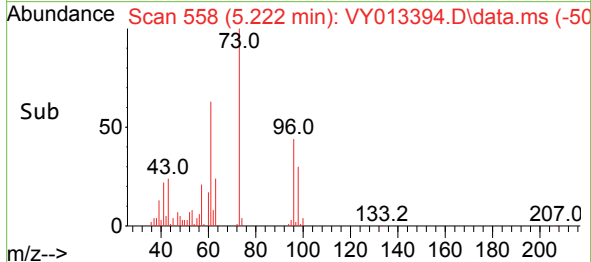
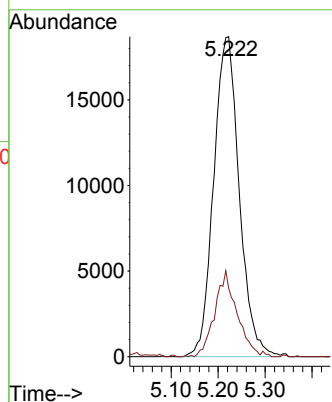
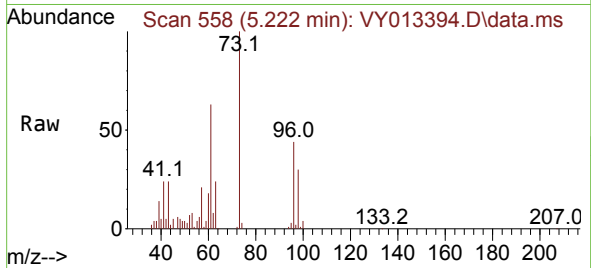




#19
Methyl tert-butyl Ether
Concen: 9.664 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

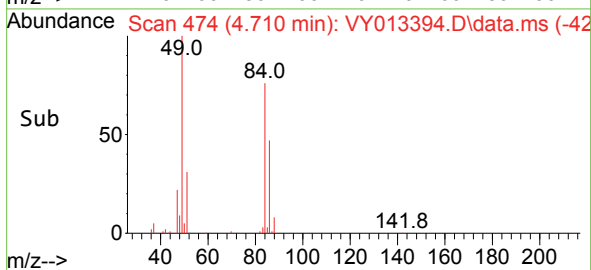
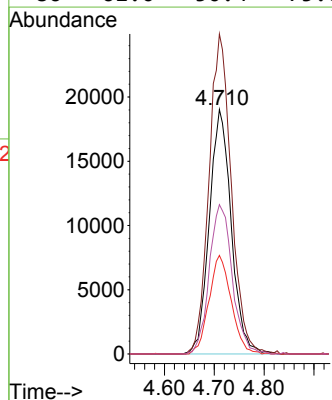
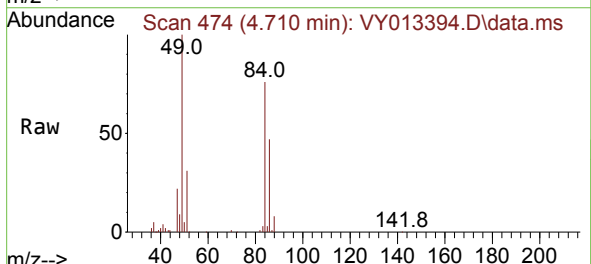
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

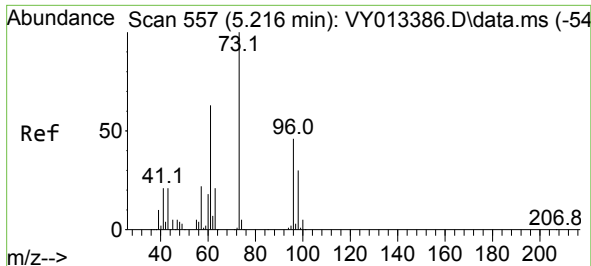
Tgt Ion: 73 Resp: 70639
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.8



#20
Methylene Chloride
Concen: 11.419 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 84 Resp: 58186
Ion Ratio Lower Upper
84 100
49 130.9 88.0 132.0
51 40.3 27.4 41.0
86 61.0 50.4 75.6

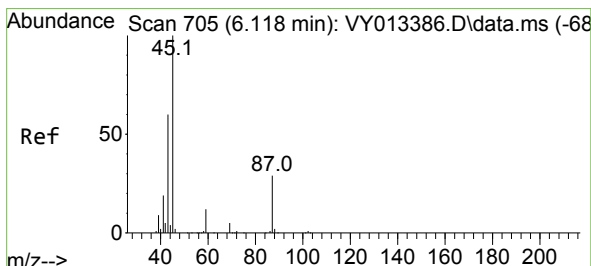
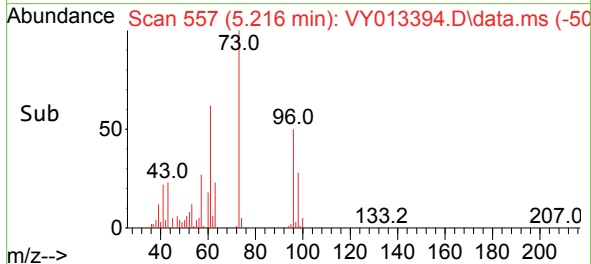
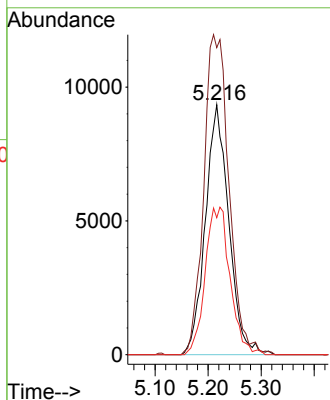
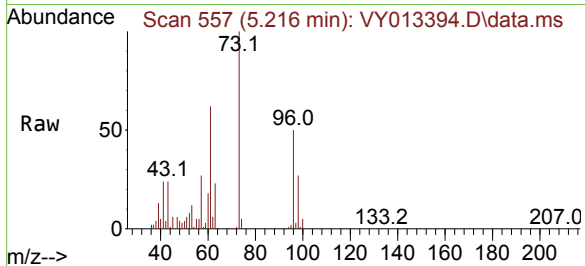




#21
trans-1,2-Dichloroethene
Concen: 10.351 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

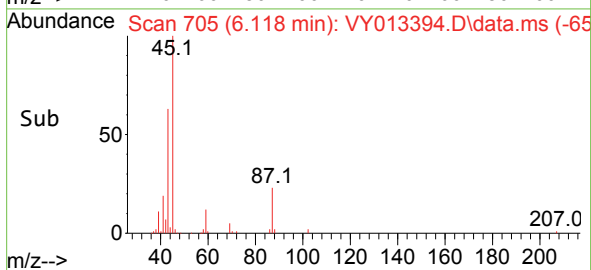
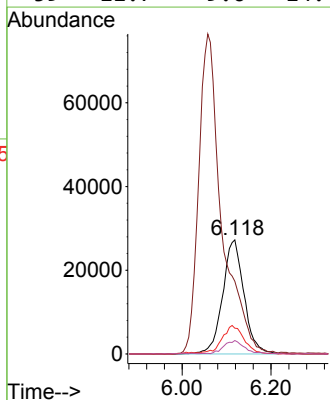
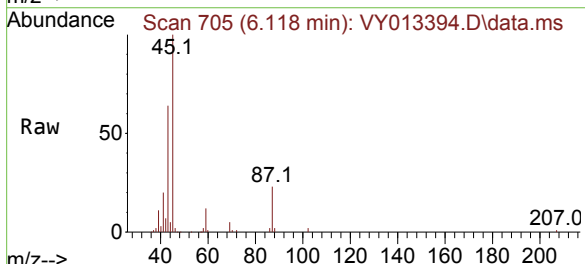
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

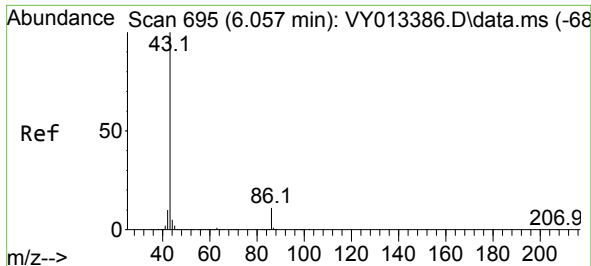
Tgt Ion: 96 Resp: 28654
Ion Ratio Lower Upper
96 100
61 122.9 110.6 165.8
98 54.8 53.1 79.7



#22
Diisopropyl ether
Concen: 9.865 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 45 Resp: 90584
Ion Ratio Lower Upper
45 100
43 63.2 48.4 72.6
87 22.6 23.8 35.6#
59 11.7 9.6 14.4

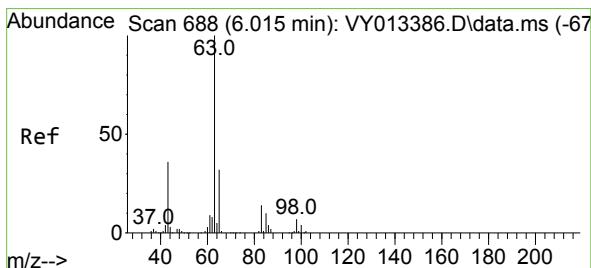
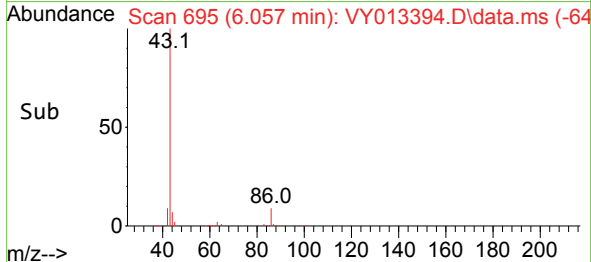
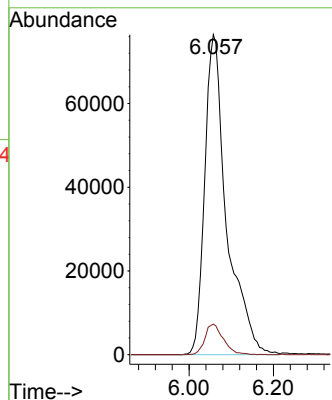
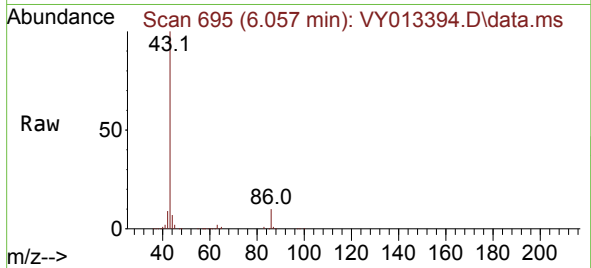




#23
 Vinyl Acetate
 Concen: 52.816 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

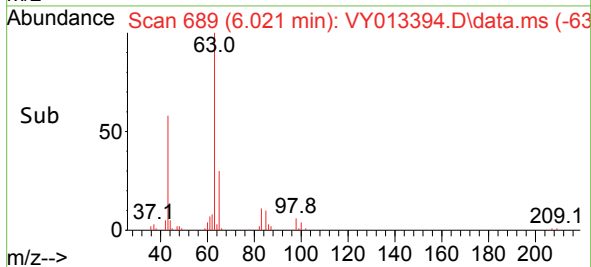
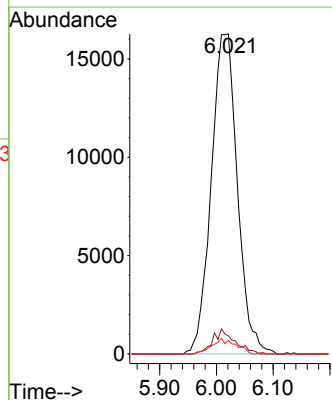
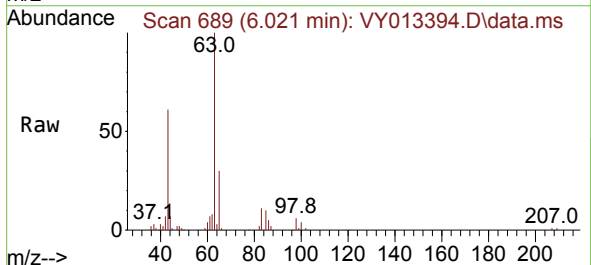
Instrument :
 MSVOA_Y
 ClientSampleId :
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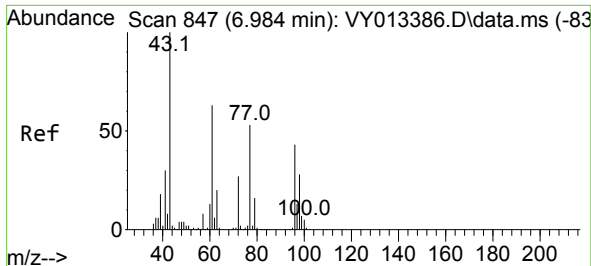
Tgt Ion: 43 Resp: 276655
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 10.194 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

Tgt Ion: 63 Resp: 52165
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.6
 100 4.2 2.2 6.6

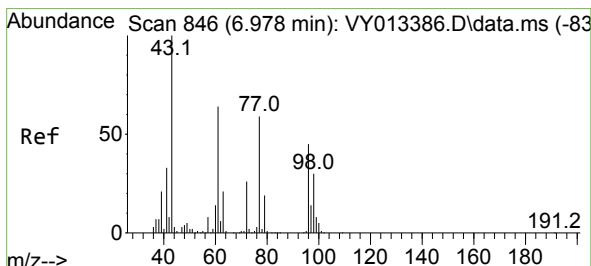
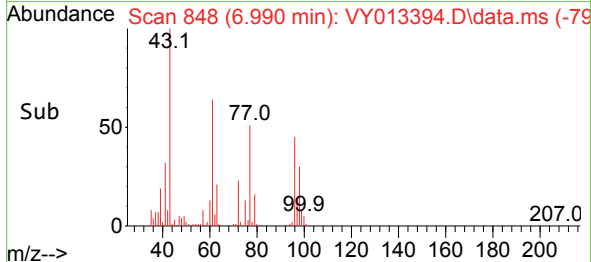
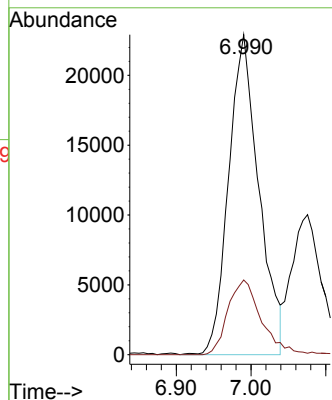
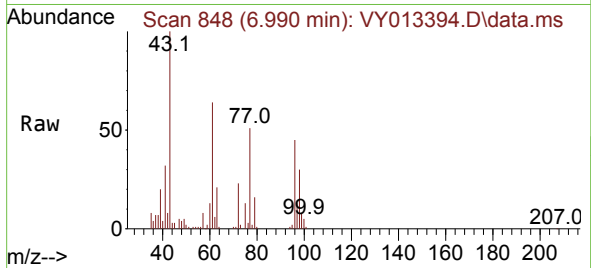




#25
2-Butanone
Concen: 48.283 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

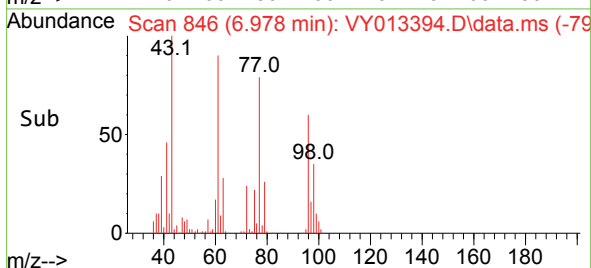
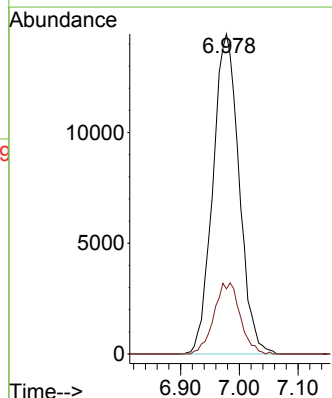
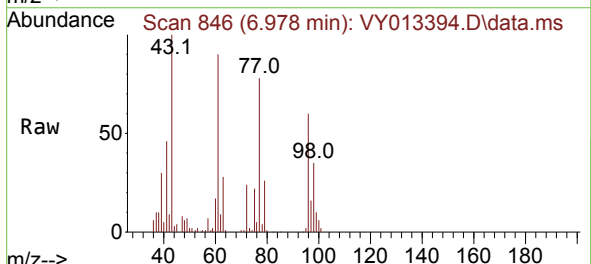
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

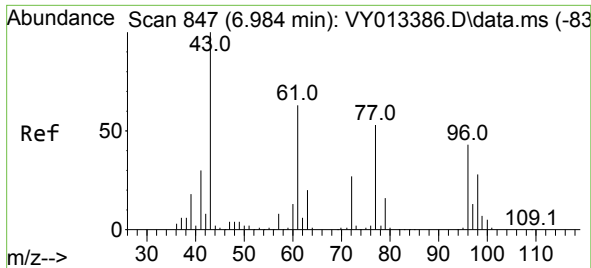
Tgt Ion: 43 Resp: 64396
Ion Ratio Lower Upper
43 100
72 23.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 10.154 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 77 Resp: 44778
Ion Ratio Lower Upper
77 100
97 22.3 11.8 35.4

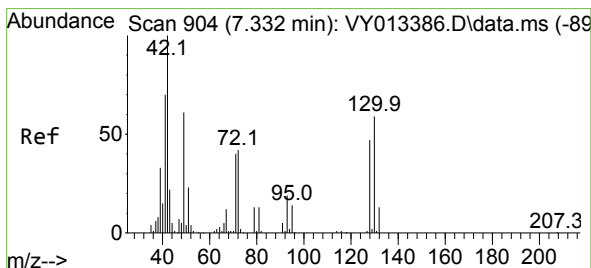
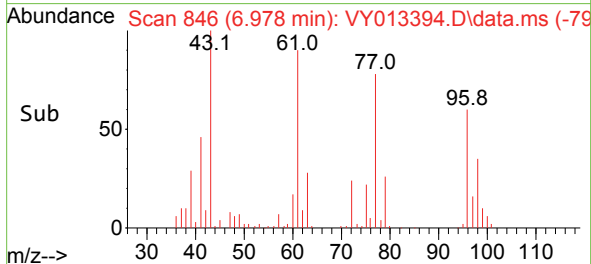
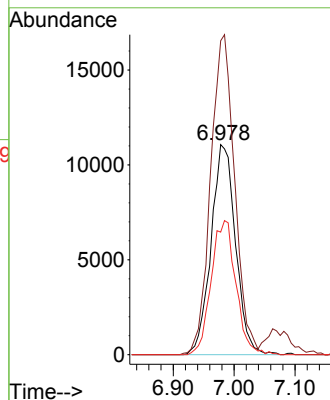
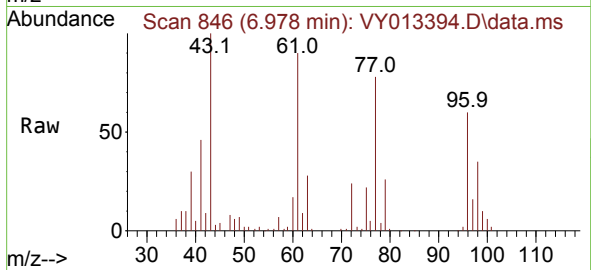




#27
 cis-1,2-Dichloroethene
 Concen: 10.104 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

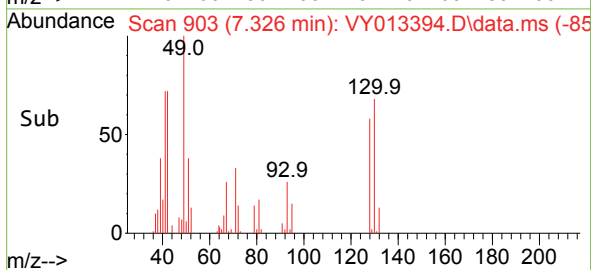
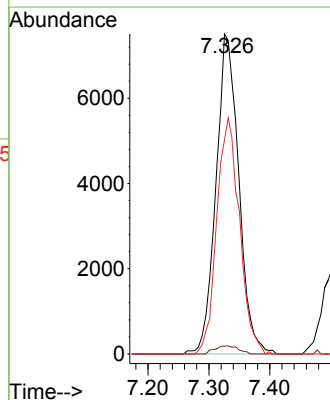
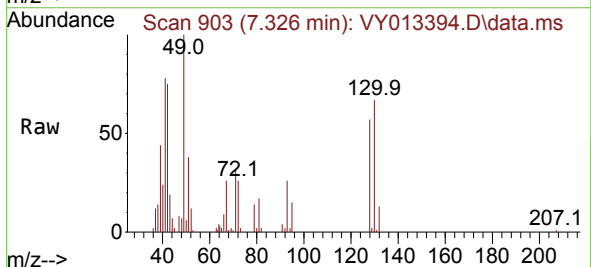
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

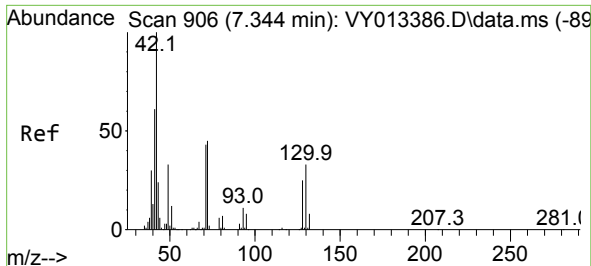
Tgt Ion:	96	Resp:	30903
Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	285.0
98	64.5	0.0	130.6



#28
 Bromochloromethane
 Concen: 10.714 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

Tgt Ion:	49	Resp:	19456
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	73.7	72.1	108.1





#29

Tetrahydrofuran

Concen: 48.639 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

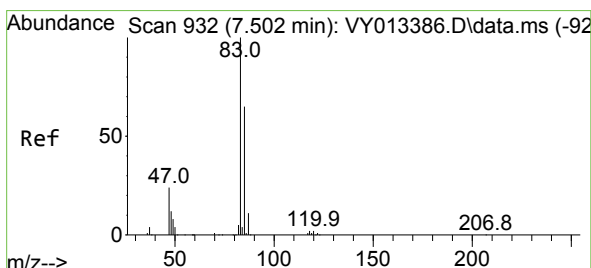
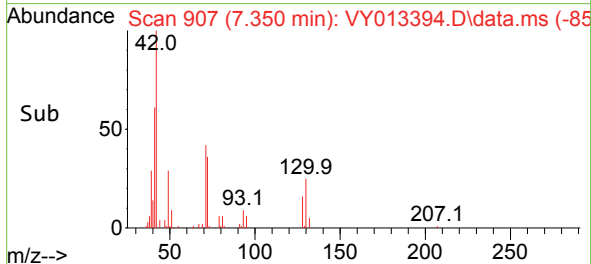
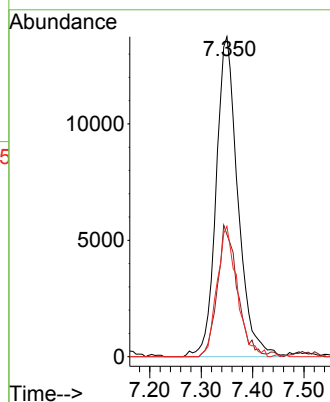
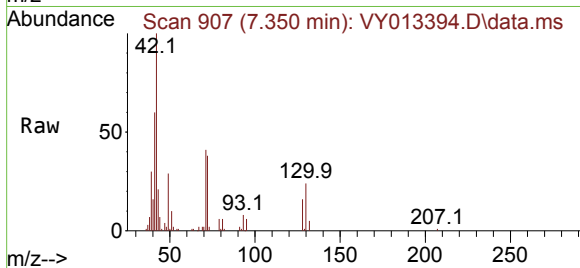
Tgt Ion: 42 Resp: 40381

Ion Ratio Lower Upper

42 100

72 38.0 35.9 53.9

71 37.8 34.3 51.5



#30

Chloroform

Concen: 10.389 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013394.D

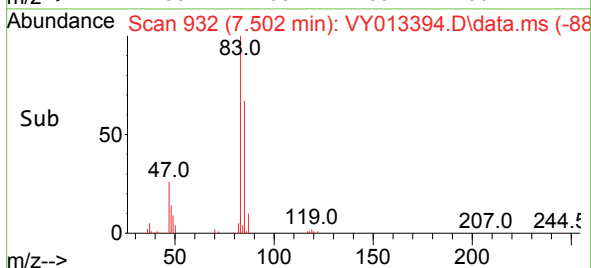
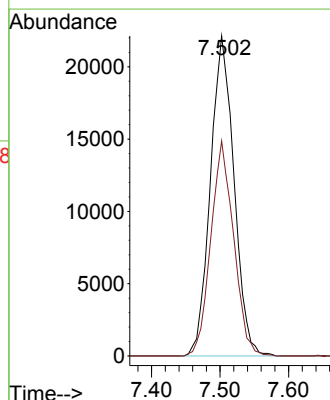
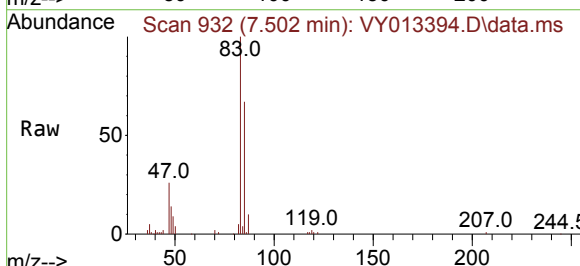
Acq: 24 Apr 2023 11:48

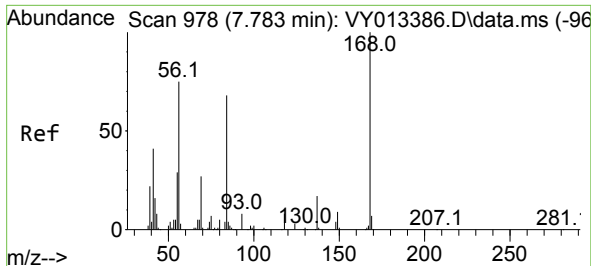
Tgt Ion: 83 Resp: 52859

Ion Ratio Lower Upper

83 100

85 67.2 52.0 78.0

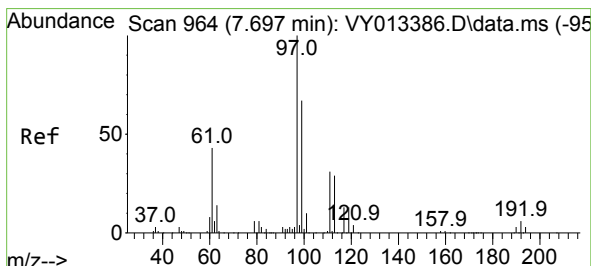
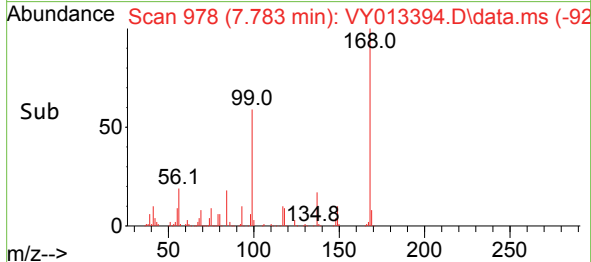
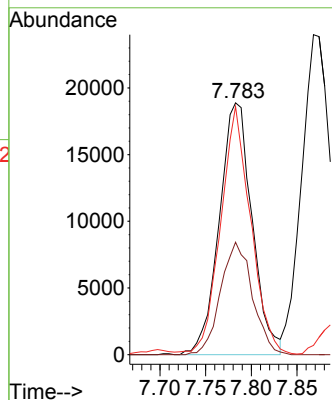
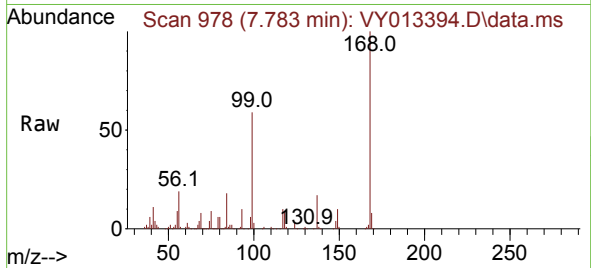




#31
Cyclohexane
Concen: 9.881 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

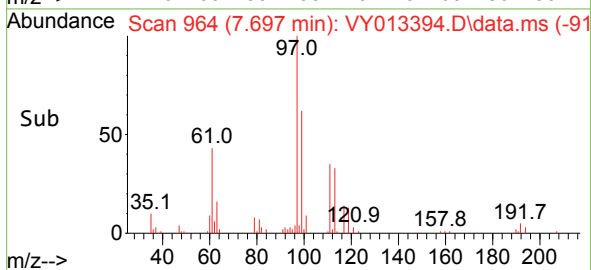
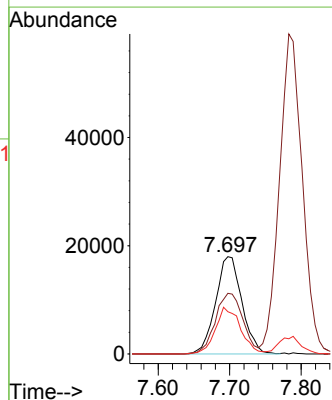
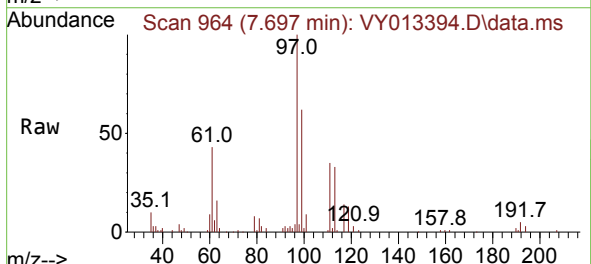
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

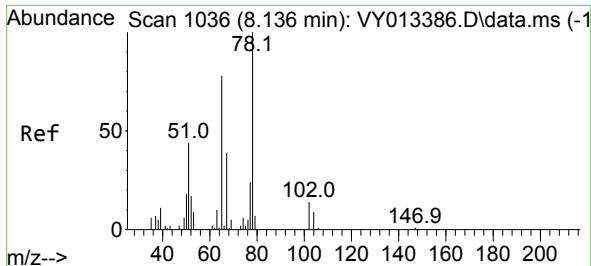
Tgt Ion: 56 Resp: 47243
Ion Ratio Lower Upper
56 100
69 44.3 29.2 43.8#
84 97.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 10.104 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 97 Resp: 45876
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 45.9 33.8 50.8

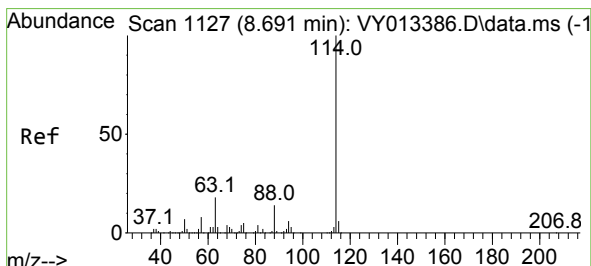
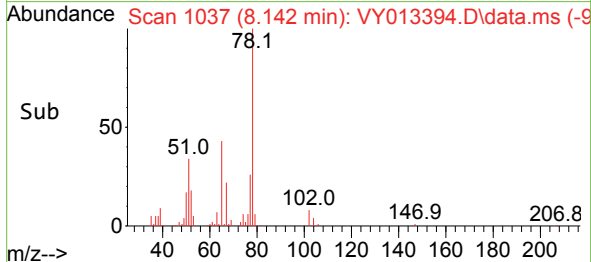
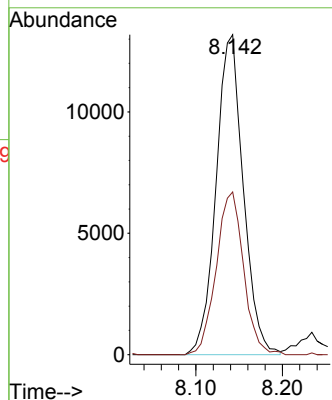
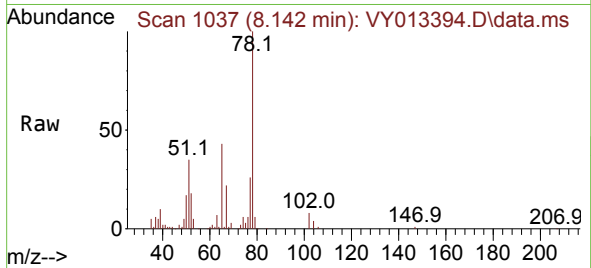




#33
 1,2-Dichloroethane-d4
 Concen: 10.760 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

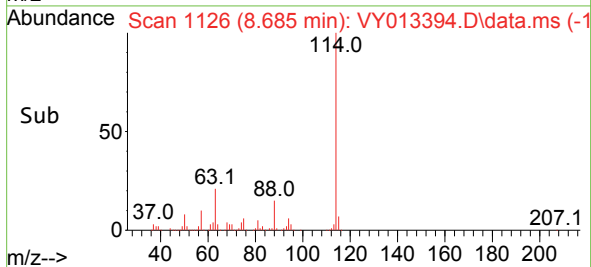
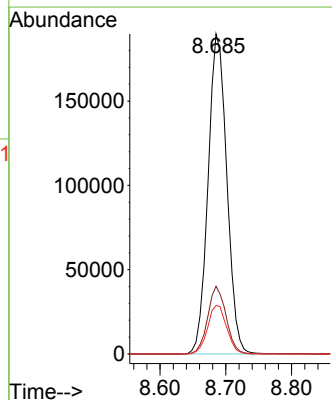
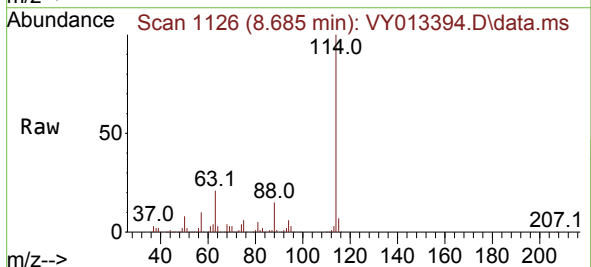
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

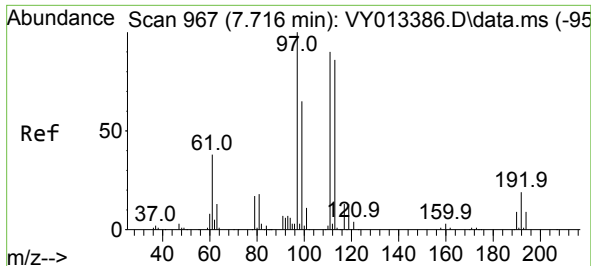
Tgt Ion: 65 Resp: 28733
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

Tgt Ion: 114 Resp: 377051
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 36.6
 88 15.1 0.0 28.8

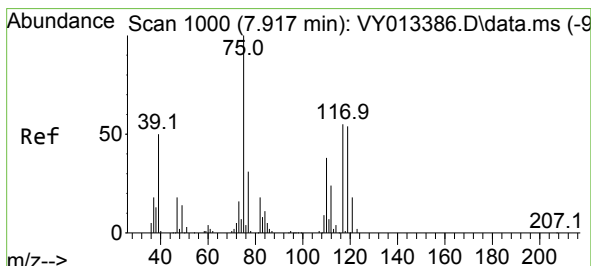
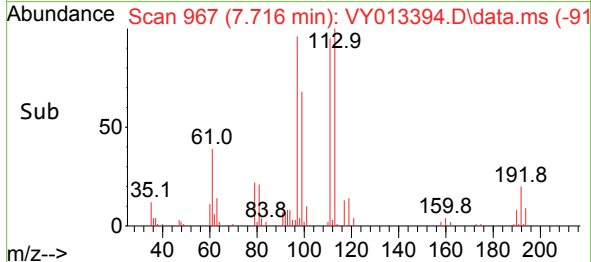
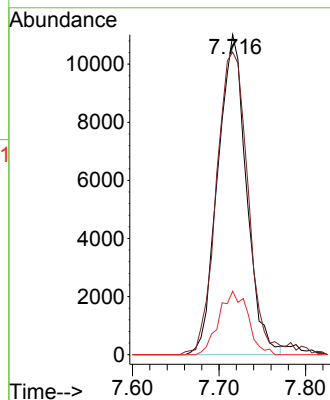
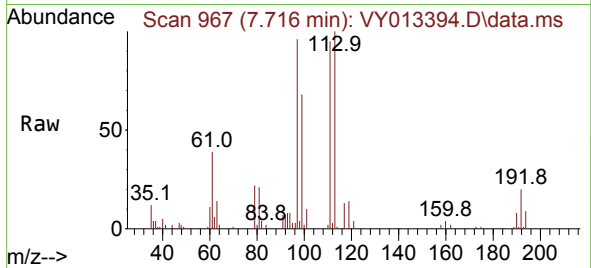




#35
Dibromofluoromethane
Concen: 10.675 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

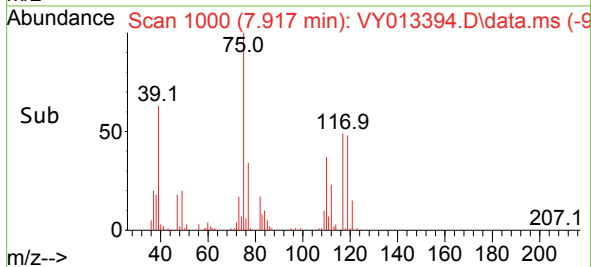
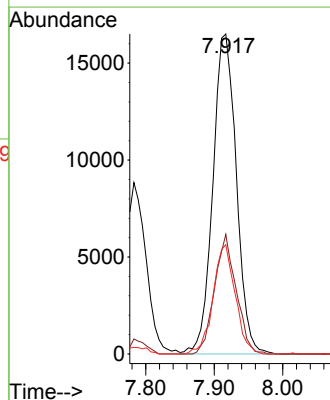
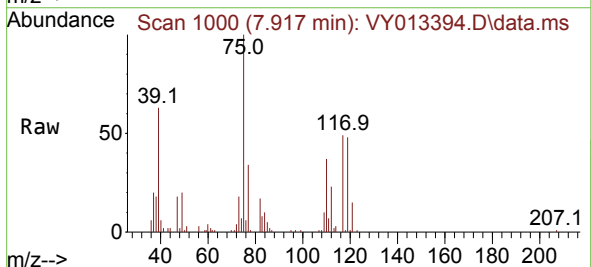
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

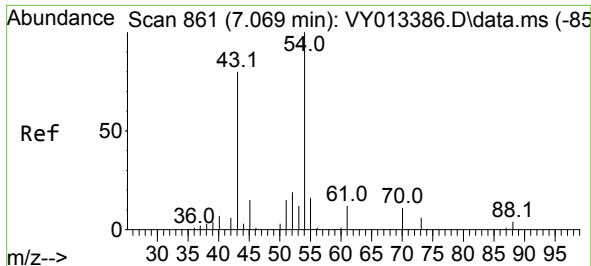
Tgt Ion:113 Resp: 25316
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.2
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 9.970 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 75 Resp: 39238
Ion Ratio Lower Upper
75 100
110 34.3 18.7 56.1
77 32.3 24.6 37.0





#37

Ethyl Acetate

Concen: 9.541 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

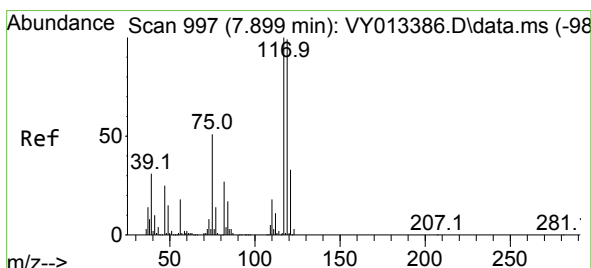
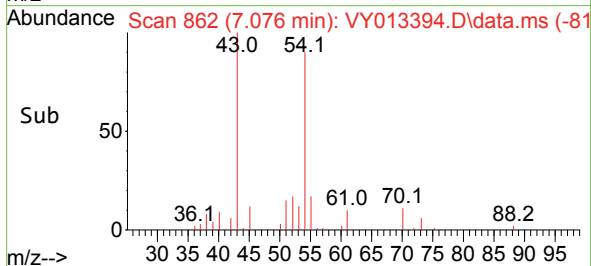
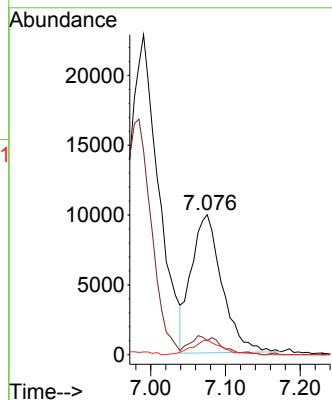
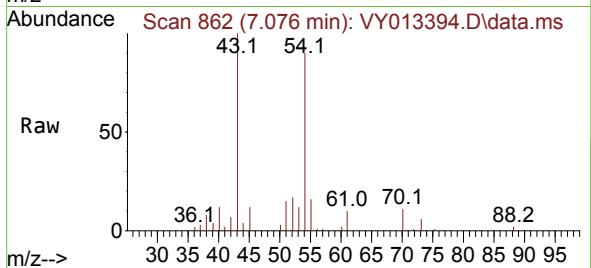
Tgt Ion: 43 Resp: 28259

Ion Ratio Lower Upper

43 100

61 13.7 11.4 17.0

70 10.3 7.9 11.9



#38

Carbon Tetrachloride

Concen: 10.175 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

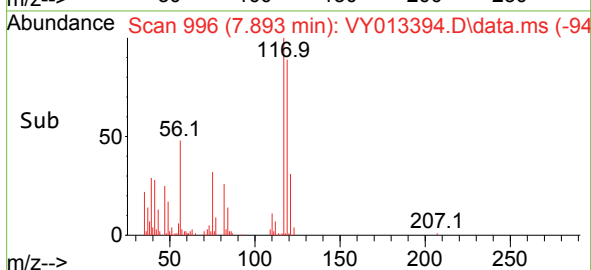
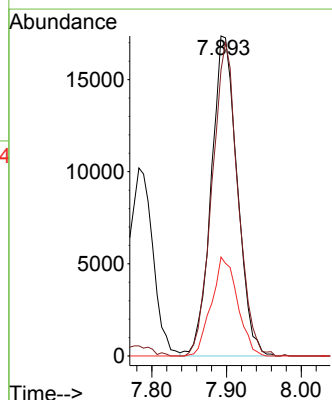
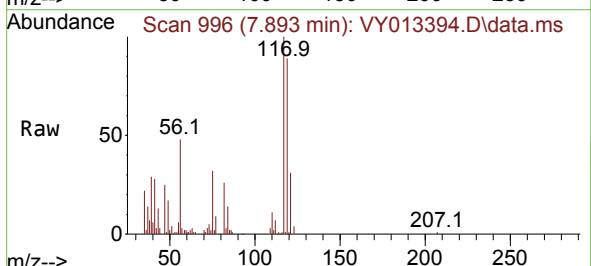
Tgt Ion: 117 Resp: 41972

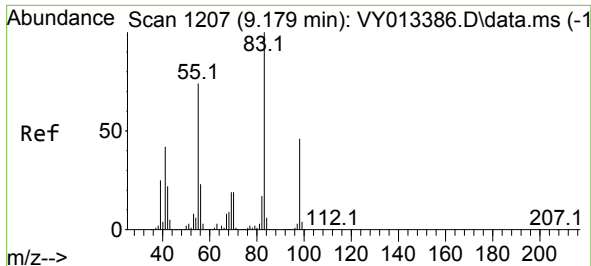
Ion Ratio Lower Upper

117 100

119 89.3 79.0 118.6

121 30.9 26.6 40.0





#39

Methylcyclohexane

Concen: 9.313 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

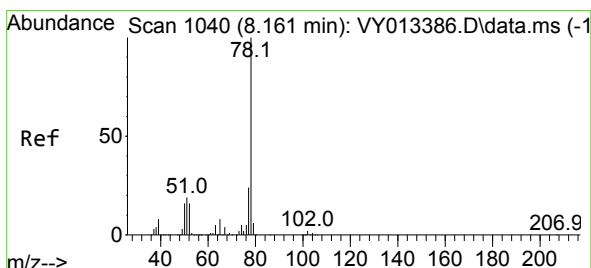
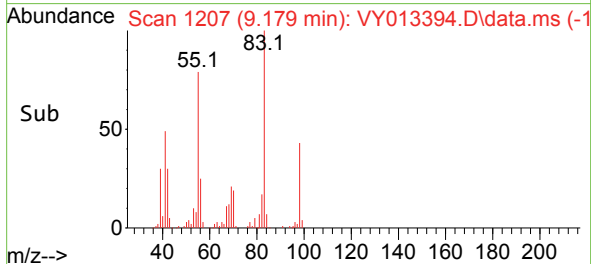
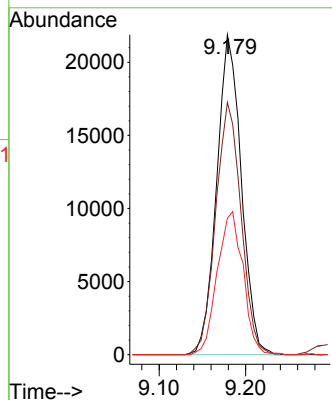
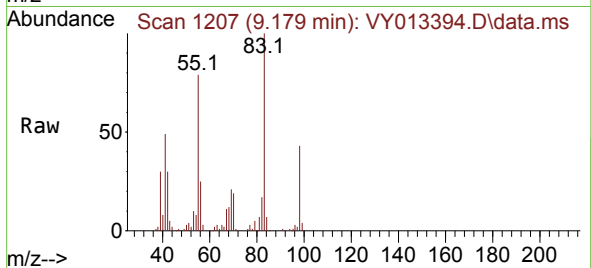
Tgt Ion: 83 Resp: 43211

Ion Ratio Lower Upper

83 100

55 78.9 59.0 88.4

98 42.6 37.0 55.4



#40

Benzene

Concen: 10.212 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013394.D

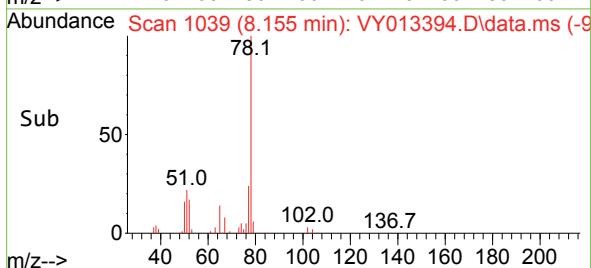
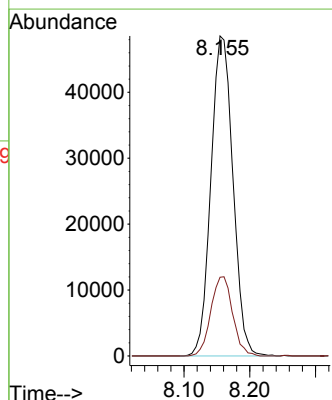
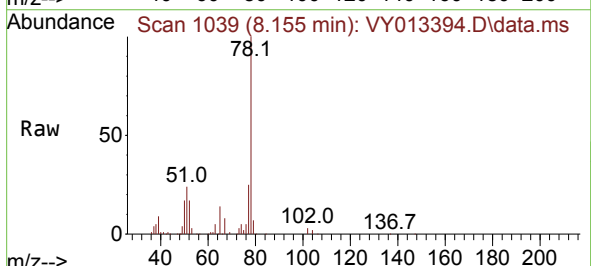
Acq: 24 Apr 2023 11:48

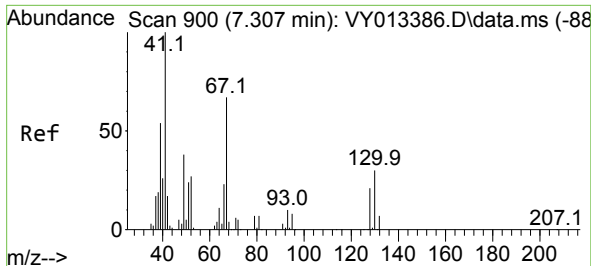
Tgt Ion: 78 Resp: 113221

Ion Ratio Lower Upper

78 100

77 24.6 19.2 28.8

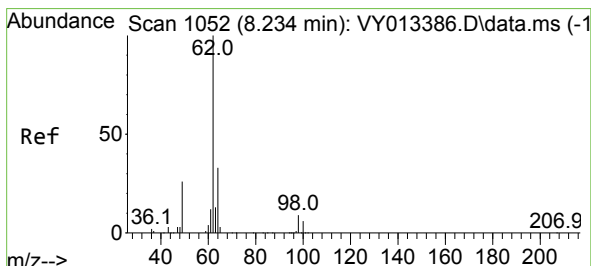
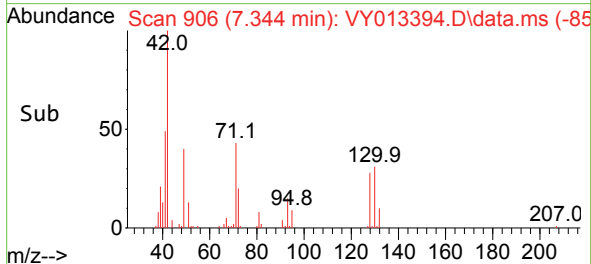
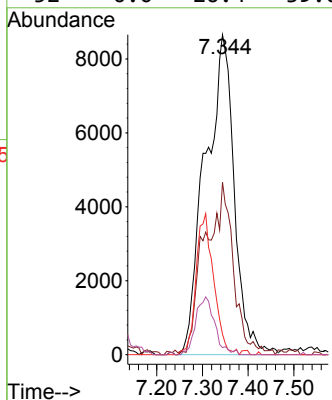
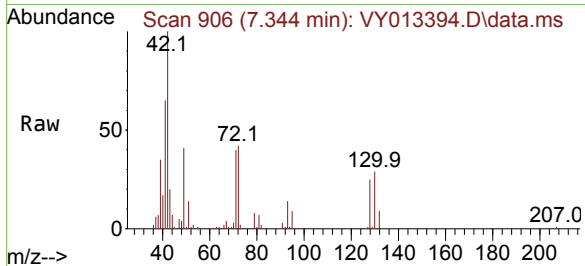




#41
Methacrylonitrile
Concen: 27.507 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

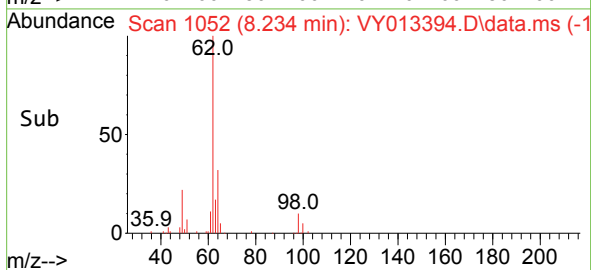
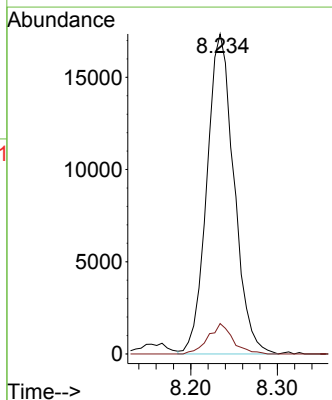
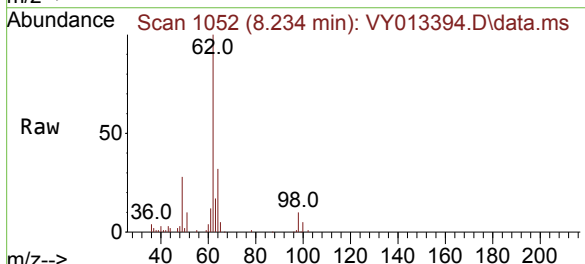
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

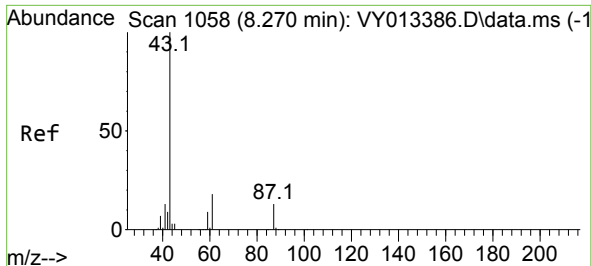
Tgt Ion: 41 Resp: 38047
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 10.416 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 62 Resp: 37754
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8

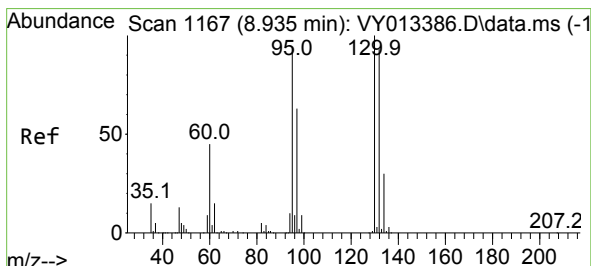
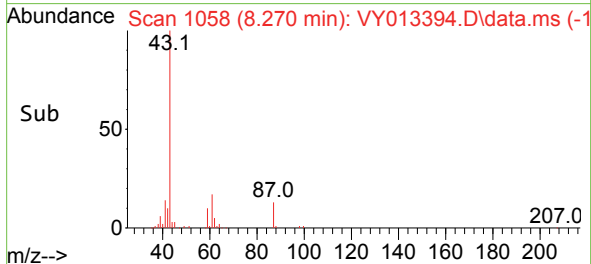
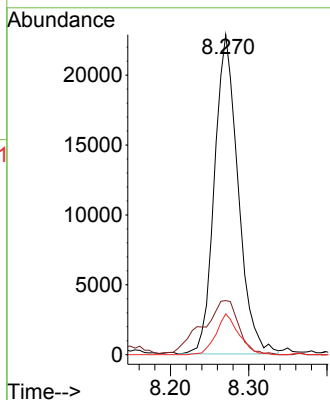
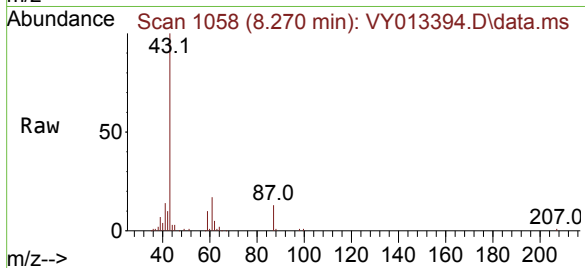




#43
Isopropyl Acetate
Concen: 9.586 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

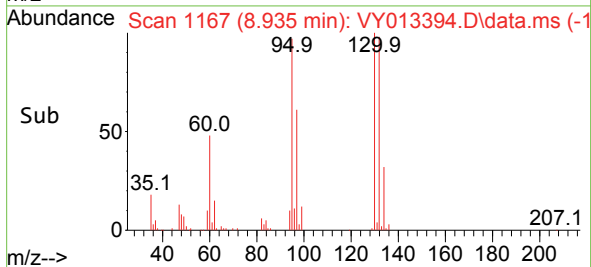
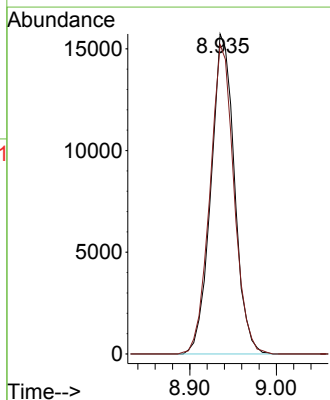
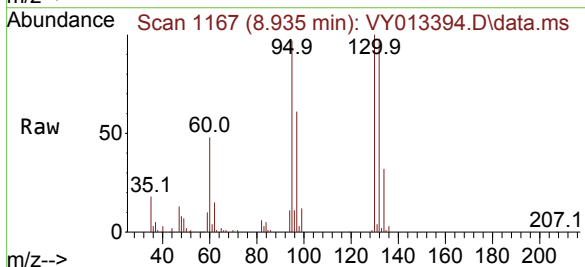
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

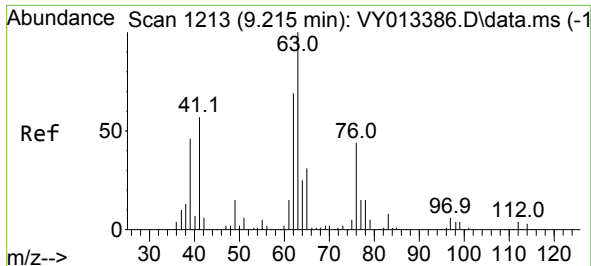
Tgt Ion: 43 Resp: 47923
Ion Ratio Lower Upper
43 100
61 26.4 22.2 33.4
87 12.3 11.0 16.6



#44
Trichloroethene
Concen: 10.033 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion:130 Resp: 29589
Ion Ratio Lower Upper
130 100
95 96.7 0.0 188.8

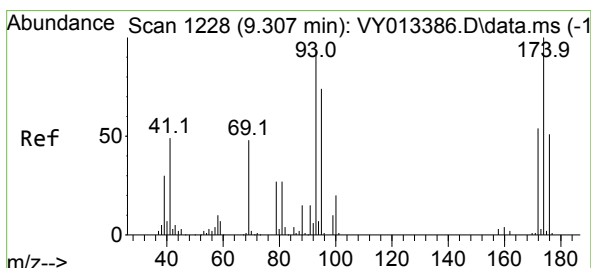
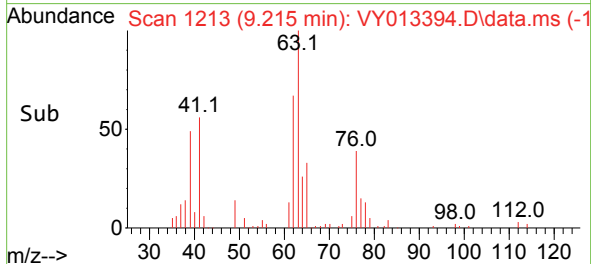
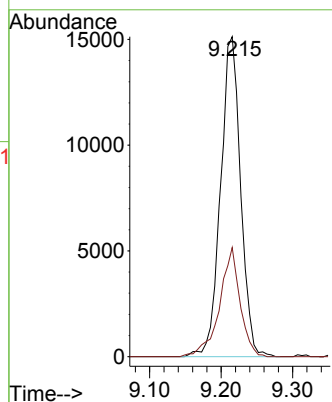
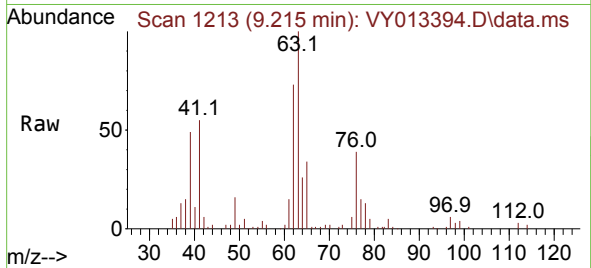




#45
1,2-Dichloropropane
Concen: 10.175 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

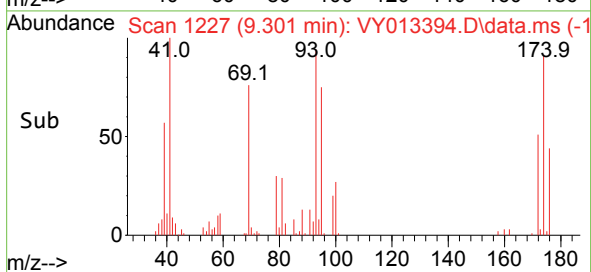
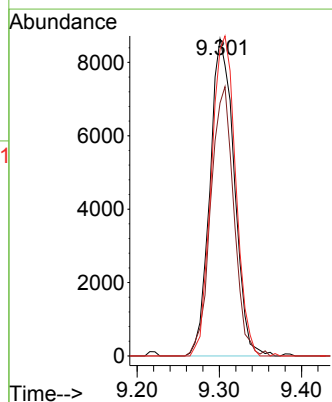
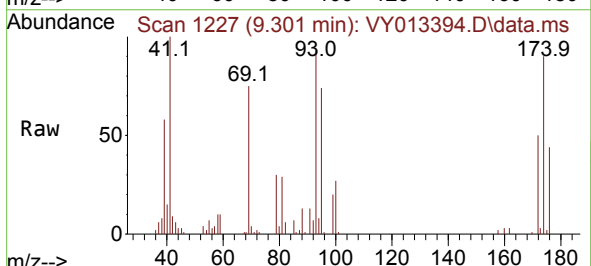
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

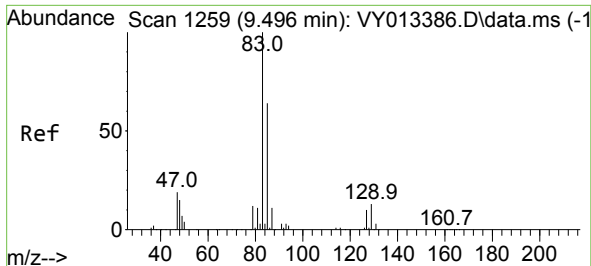
Tgt Ion: 63 Resp: 29496
Ion Ratio Lower Upper
63 100
65 34.1 24.6 37.0



#46
Dibromomethane
Concen: 10.245 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 93 Resp: 17769
Ion Ratio Lower Upper
93 100
95 80.5 67.1 100.7
174 100.5 87.0 130.4

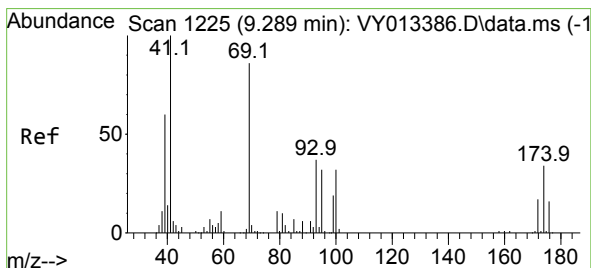
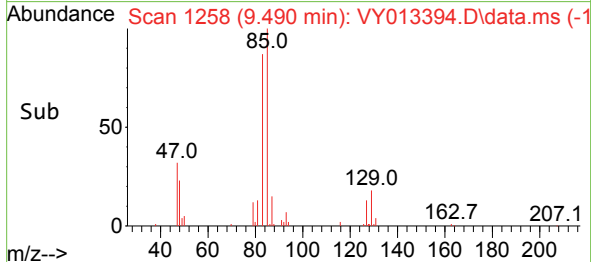
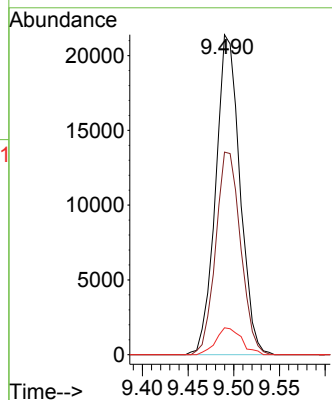
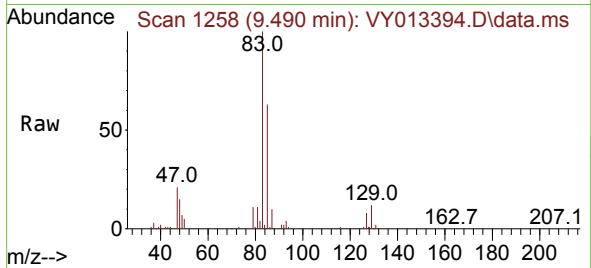




#47
Bromodichloromethane
Concen: 10.181 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

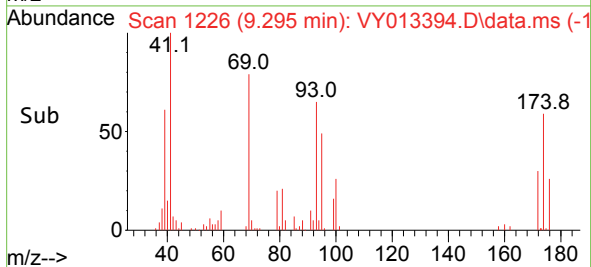
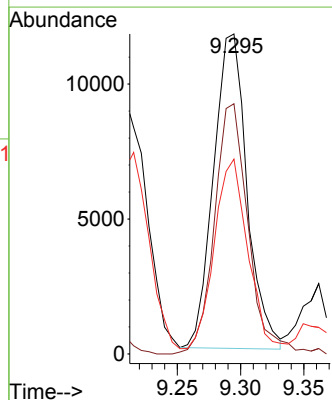
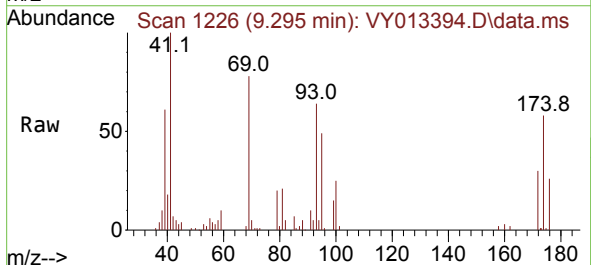
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

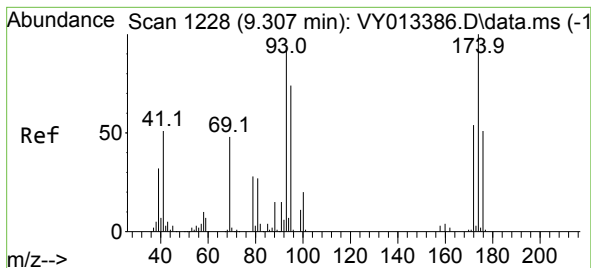
Tgt Ion: 83 Resp: 39512
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.2
127 8.4 8.1 12.1



#48
Methyl methacrylate
Concen: 9.350 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 41 Resp: 21468
Ion Ratio Lower Upper
41 100
69 80.4 70.2 105.4
39 60.6 47.9 71.9





#49

1,4-Dioxane

Concen: 203.621 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

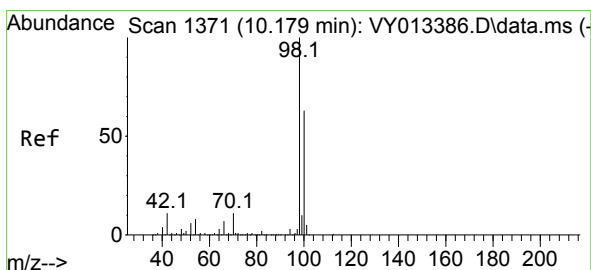
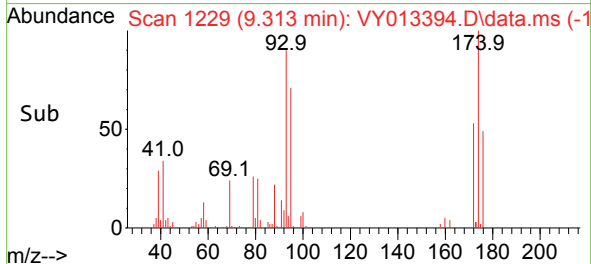
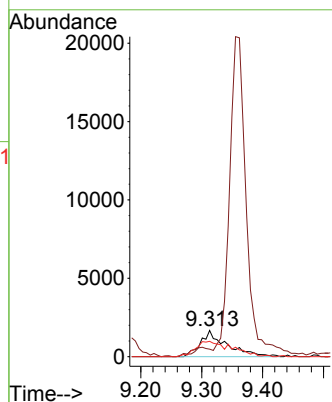
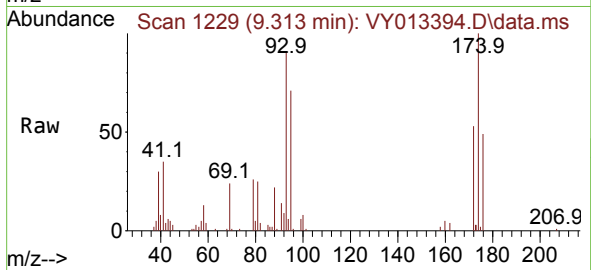
Tgt Ion: 88 Resp: 5044

Ion Ratio Lower Upper

88 100

43 25.4 16.8 25.2#

58 55.1 54.3 81.5



#50

Toluene-d8

Concen: 10.897 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013394.D

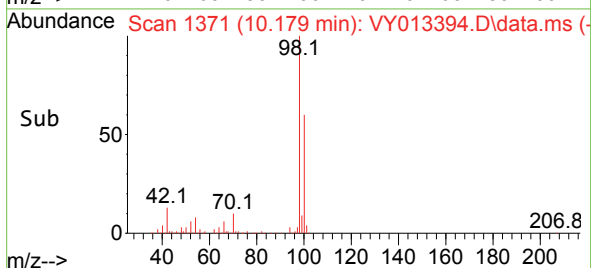
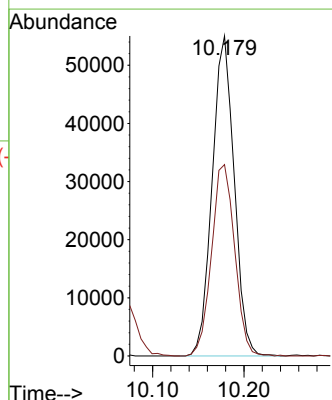
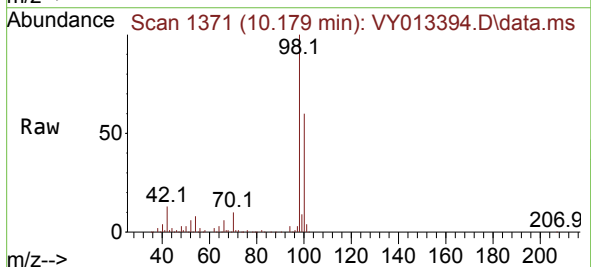
Acq: 24 Apr 2023 11:48

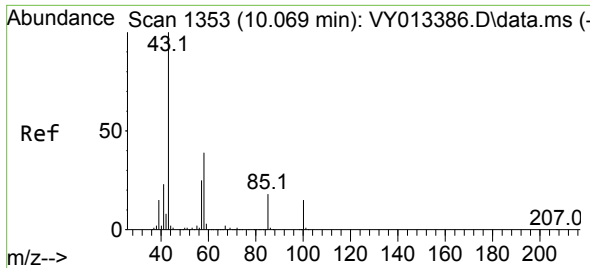
Tgt Ion: 98 Resp: 91933

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

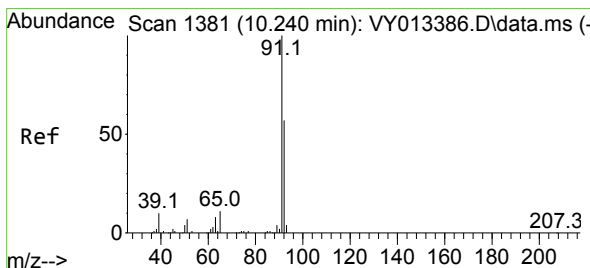
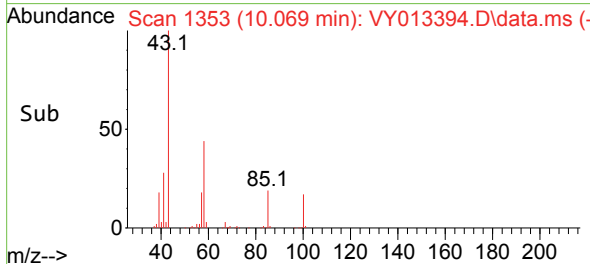
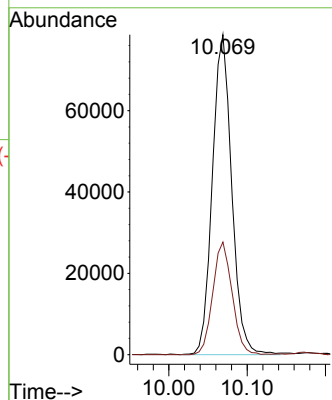
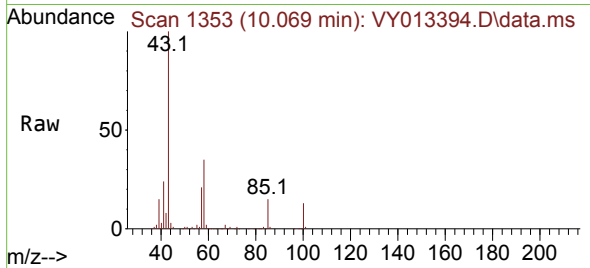




#51
4-Methyl-2-Pentanone
Concen: 48.512 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

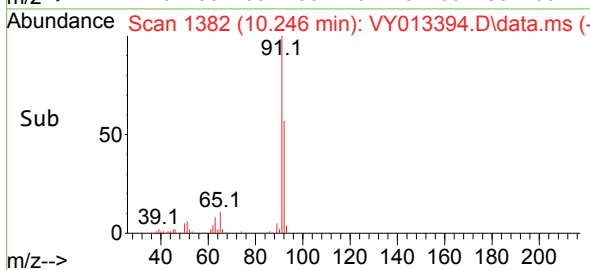
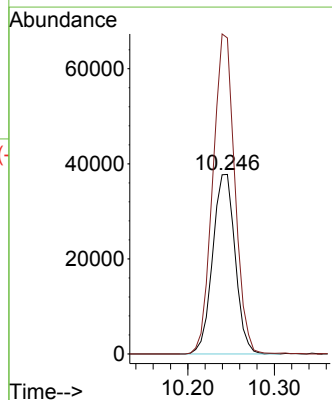
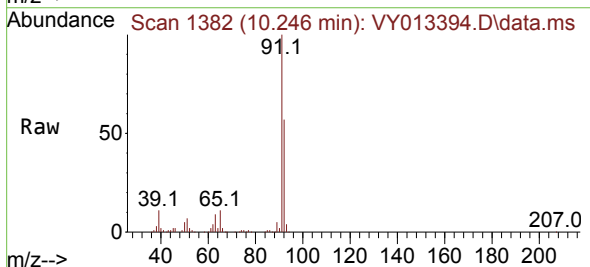
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

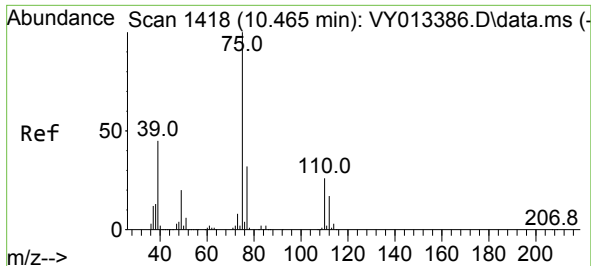
Tgt Ion: 43 Resp: 135145
Ion Ratio Lower Upper
43 100
58 35.2 30.6 46.0



#52
Toluene
Concen: 10.208 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 92 Resp: 68107
Ion Ratio Lower Upper
92 100
91 174.3 140.2 210.4

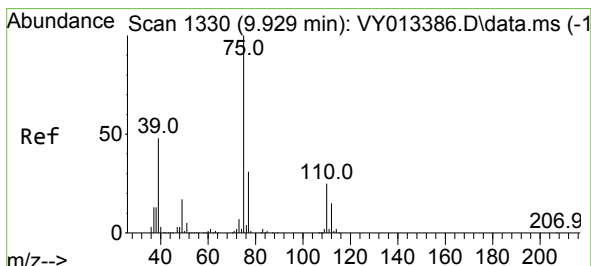
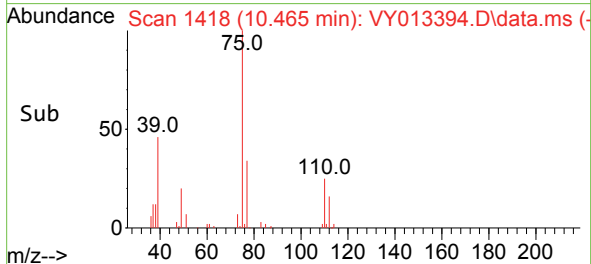
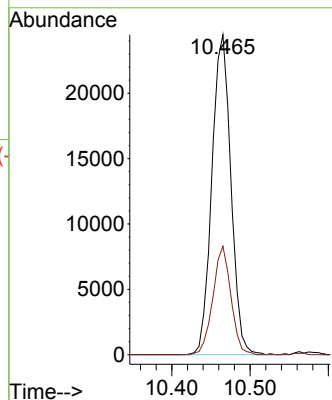
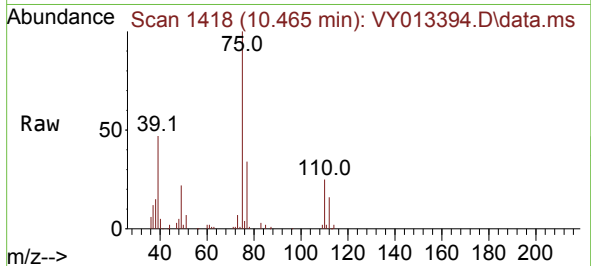




#53
t-1,3-Dichloropropene
Concen: 10.041 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

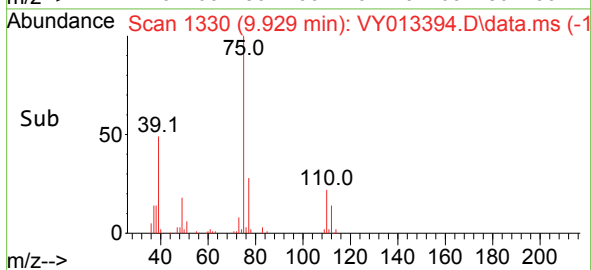
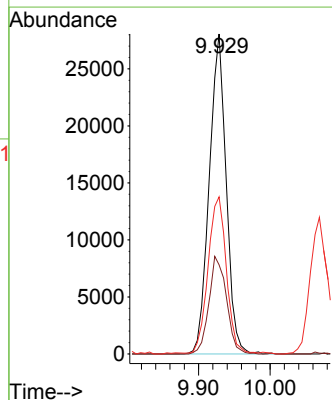
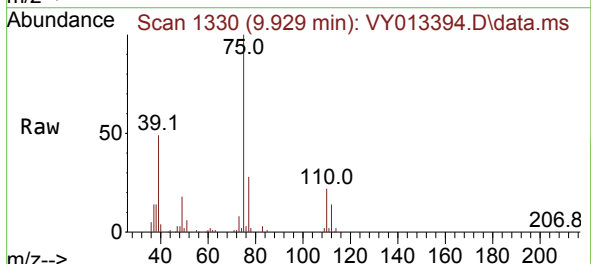
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

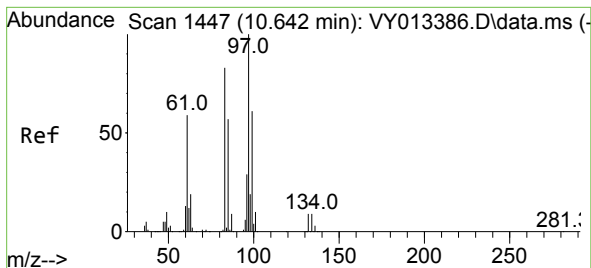
Tgt Ion: 75 Resp: 41242
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 9.989 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 75 Resp: 46167
Ion Ratio Lower Upper
75 100
77 27.9 24.8 37.2
39 49.1 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 10.172 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 97 Resp: 23365

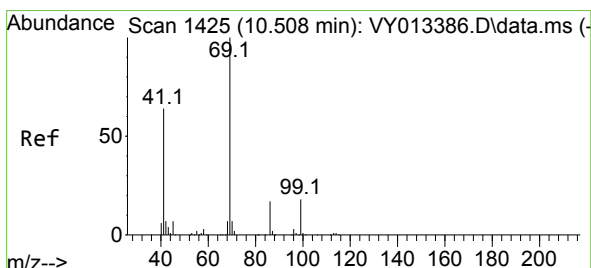
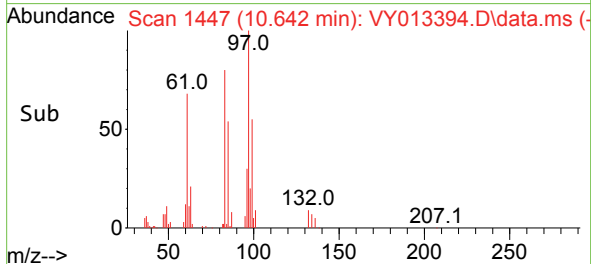
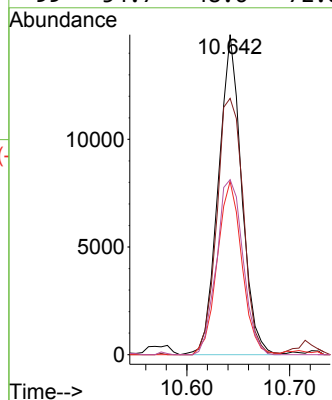
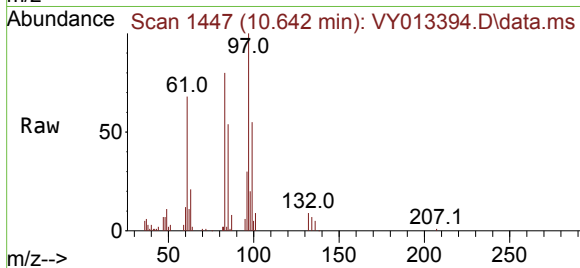
Ion Ratio Lower Upper

97 100

83 80.1 66.4 99.6

85 54.2 45.6 68.4

99 54.7 48.6 72.8



#56

Ethyl methacrylate

Concen: 9.447 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

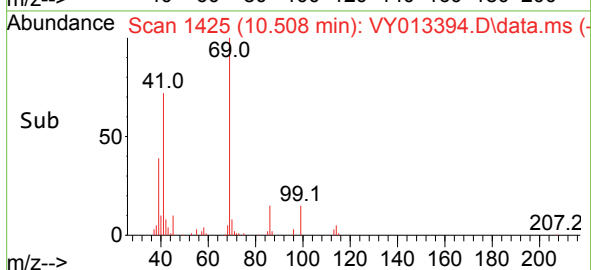
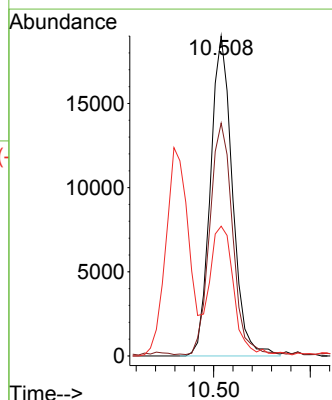
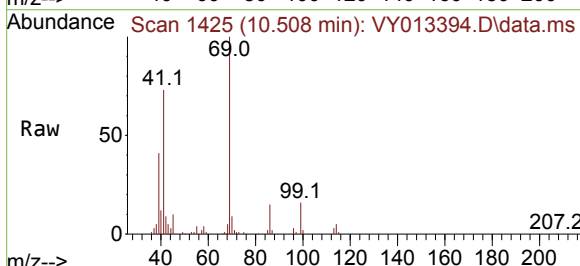
Tgt Ion: 69 Resp: 30103

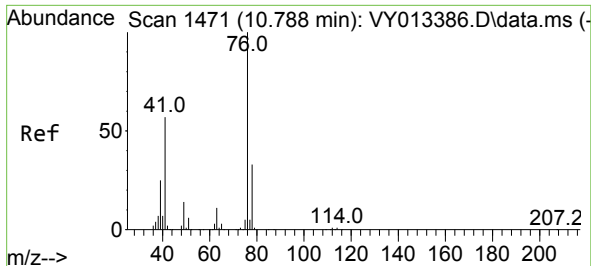
Ion Ratio Lower Upper

69 100

41 74.7 51.4 77.0

39 43.7 29.0 43.6#





#57

1,3-Dichloropropane

Concen: 10.151 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

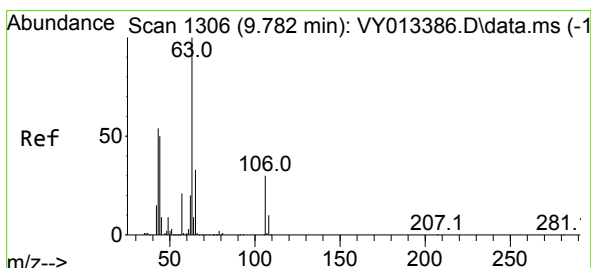
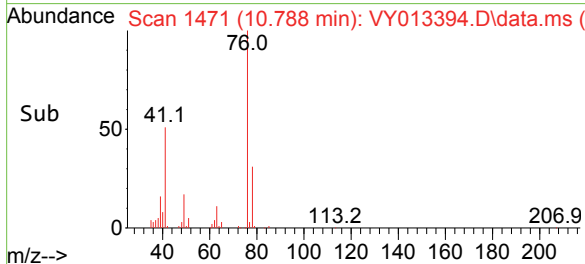
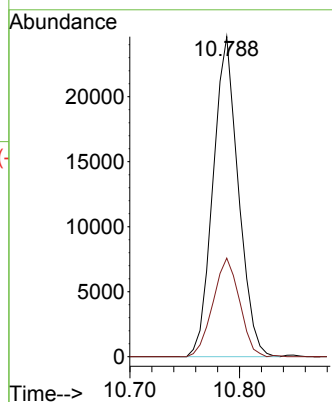
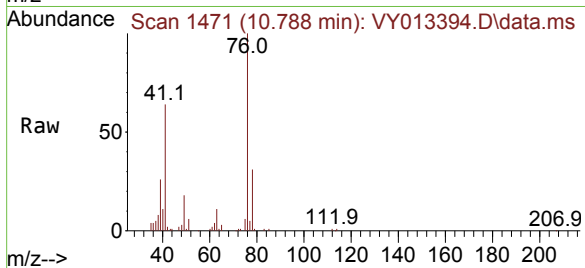
VSTDIC010

Tgt Ion: 76 Resp: 39488

Ion Ratio Lower Upper

76 100

78 32.4 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 51.154 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013394.D

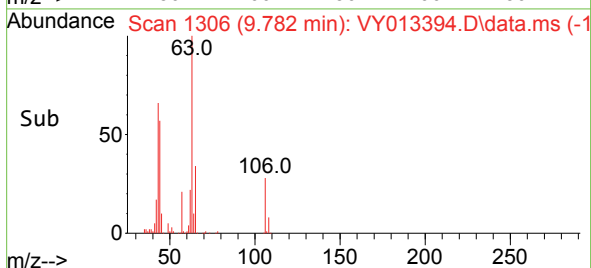
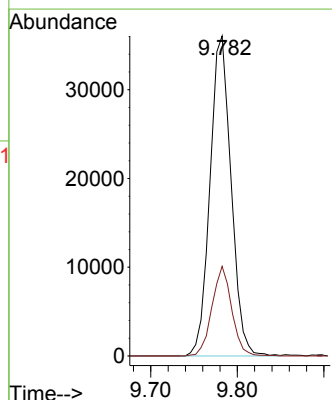
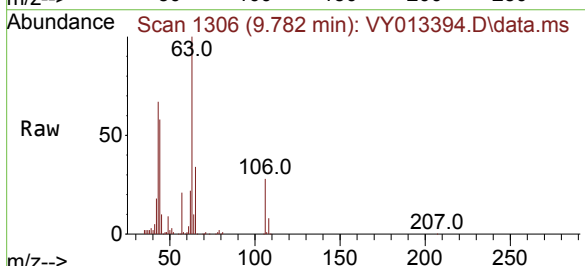
Acq: 24 Apr 2023 11:48

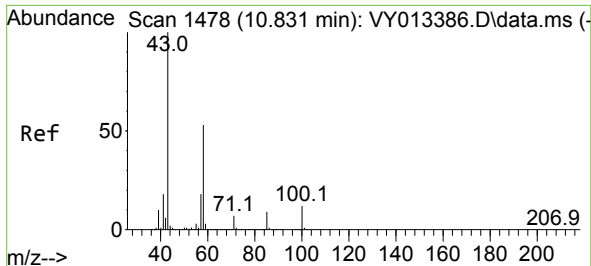
Tgt Ion: 63 Resp: 61126

Ion Ratio Lower Upper

63 100

106 26.2 23.5 35.3

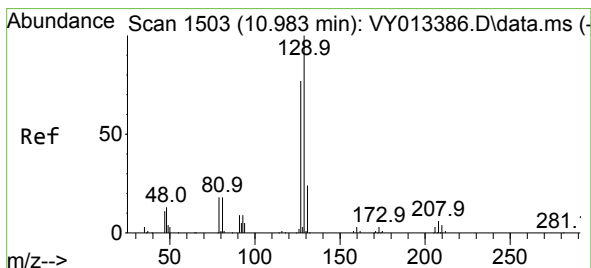
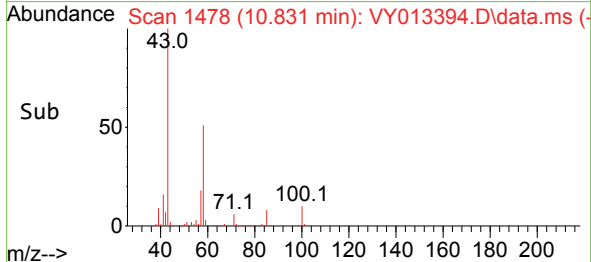
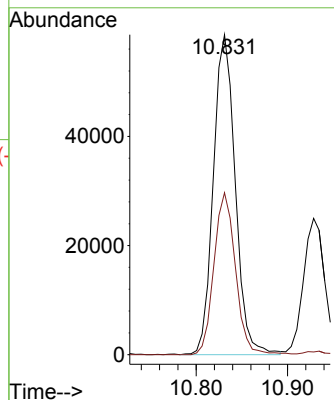
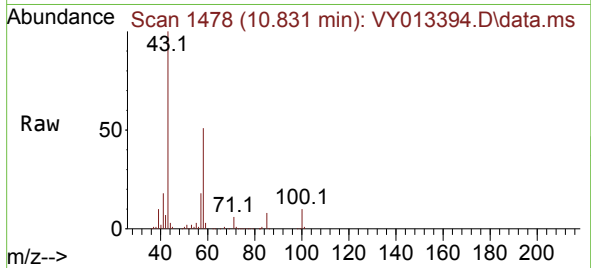




#59
2-Hexanone
Concen: 48.247 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

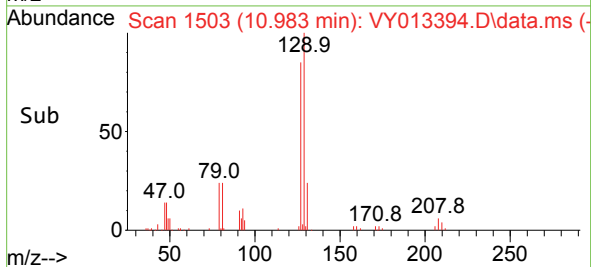
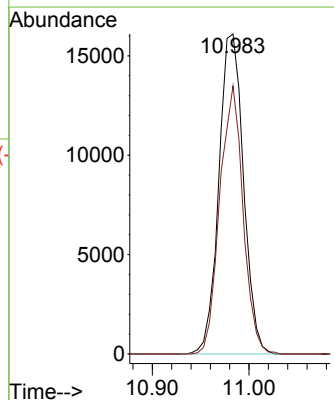
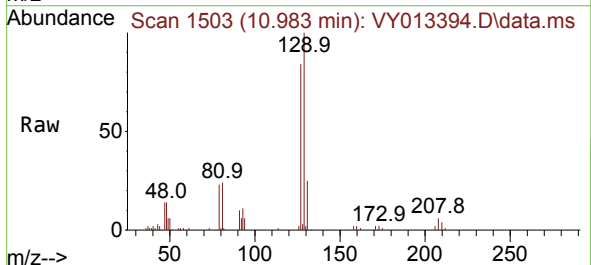
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

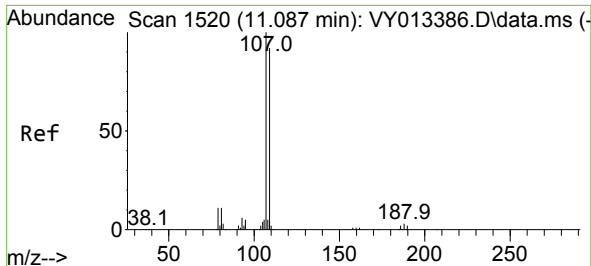
Tgt Ion: 43 Resp: 97702
Ion Ratio Lower Upper
43 100
58 49.8 26.3 78.8



#60
Dibromochloromethane
Concen: 10.200 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 129 Resp: 28448
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

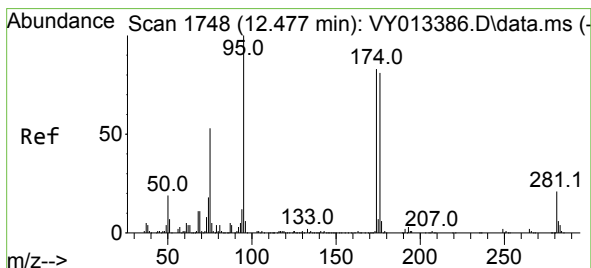
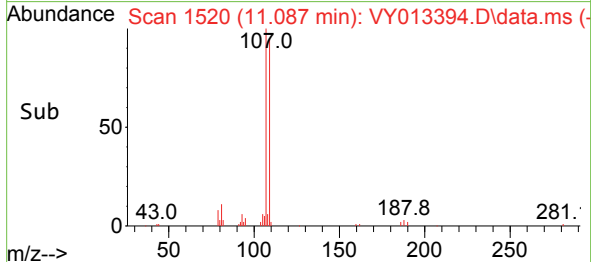
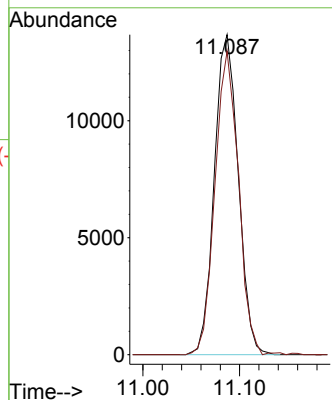
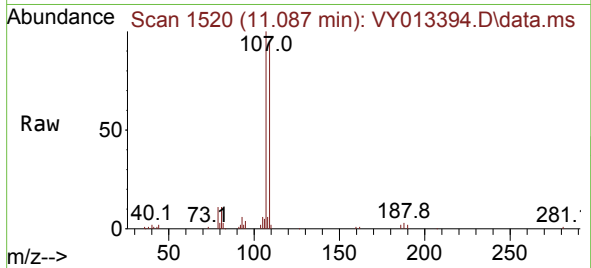




#61
1,2-Dibromoethane
Concen: 10.390 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

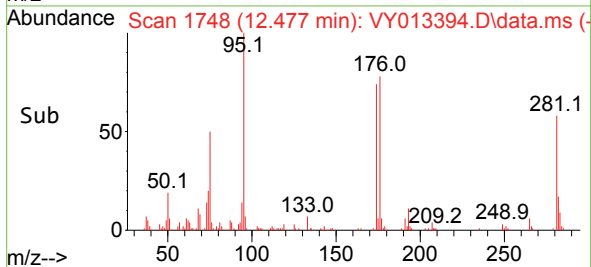
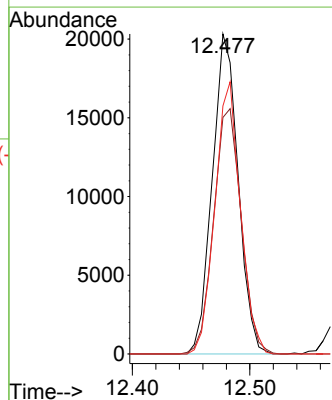
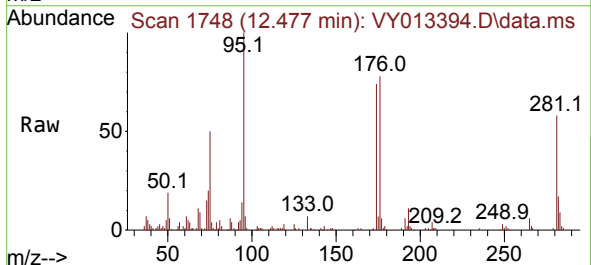
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

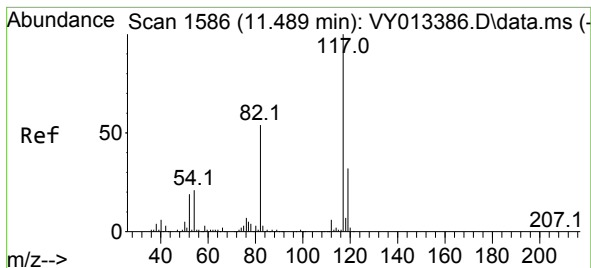
Tgt Ion:107 Resp: 23464
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.912 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 95 Resp: 31035
Ion Ratio Lower Upper
95 100
174 81.9 0.0 182.0
176 84.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

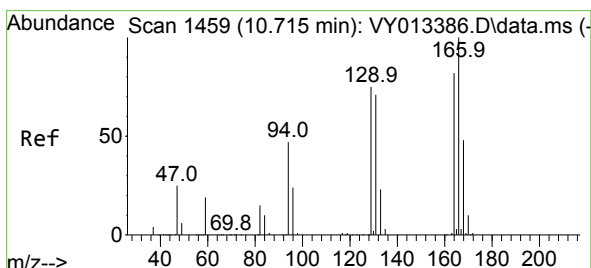
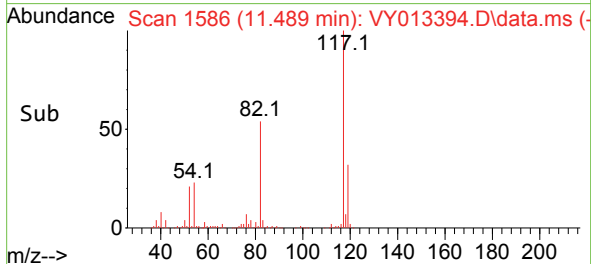
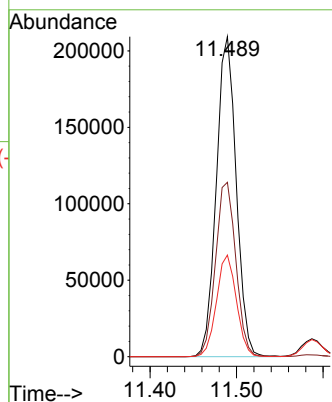
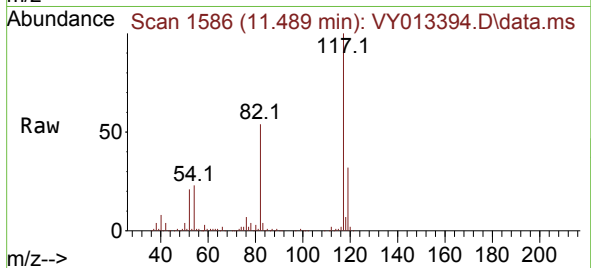
Tgt Ion:117 Resp: 333958

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.6

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 10.105 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Tgt Ion:164 Resp: 25661

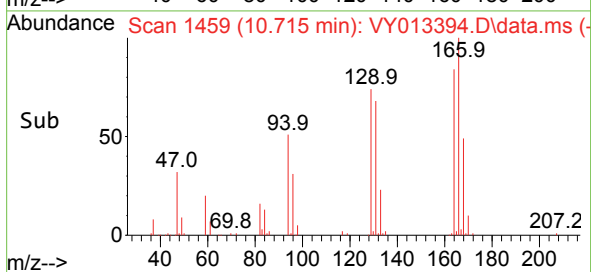
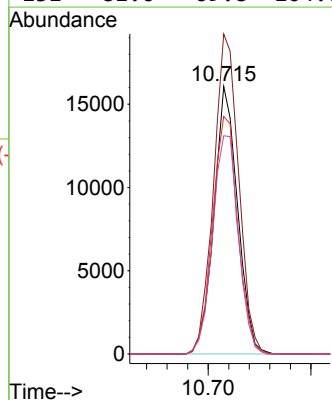
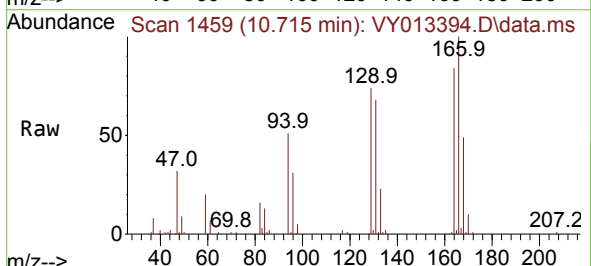
Ion Ratio Lower Upper

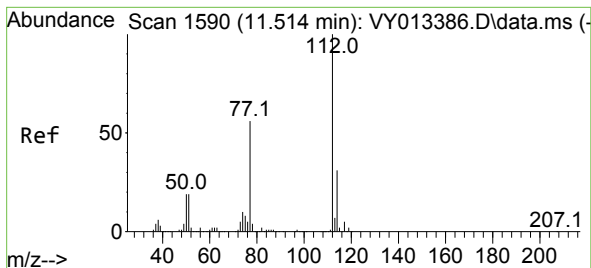
164 100

166 119.6 97.5 146.3

129 88.7 72.6 109.0

131 81.6 69.8 104.6

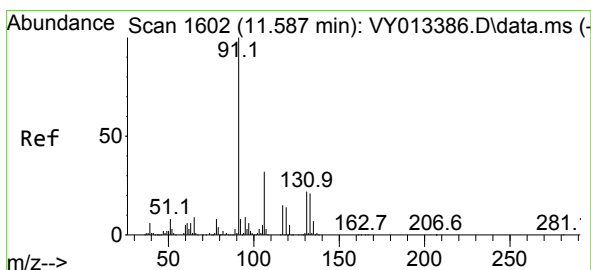
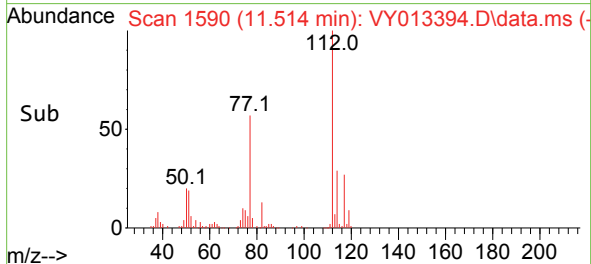
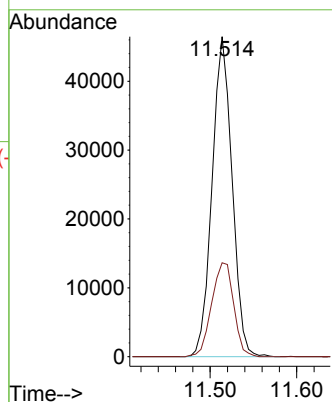
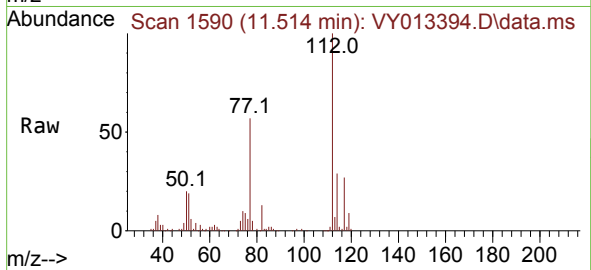




#65
Chlorobenzene
Concen: 10.248 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

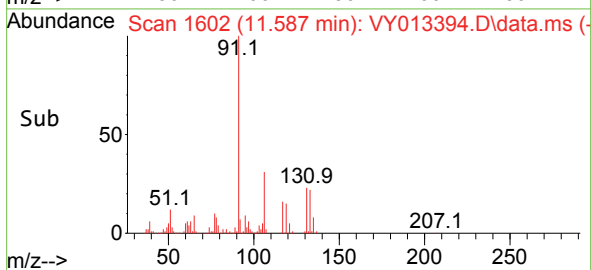
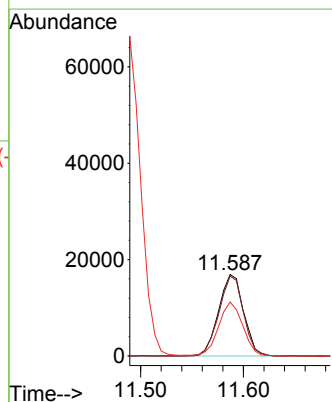
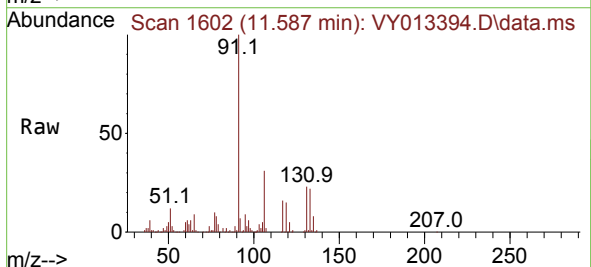
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

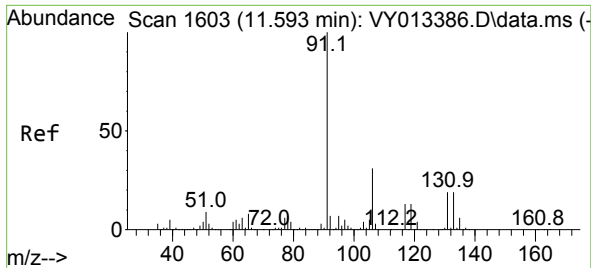
Tgt Ion:112 Resp: 74556
Ion Ratio Lower Upper
112 100
114 29.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 10.462 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion:131 Resp: 28466
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 63.9 32.6 98.0

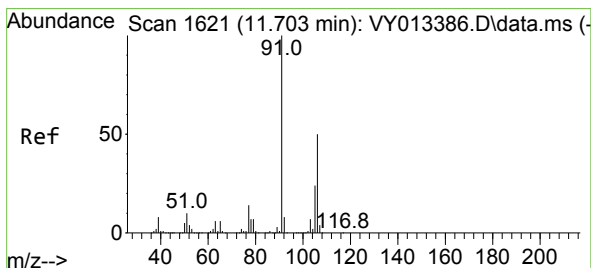
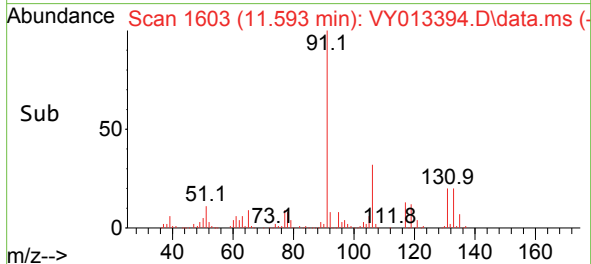
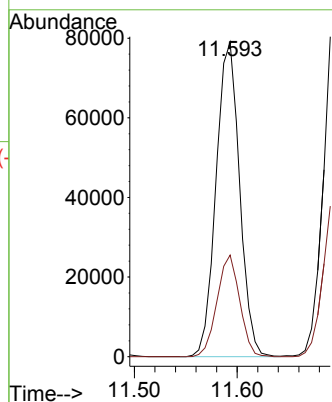
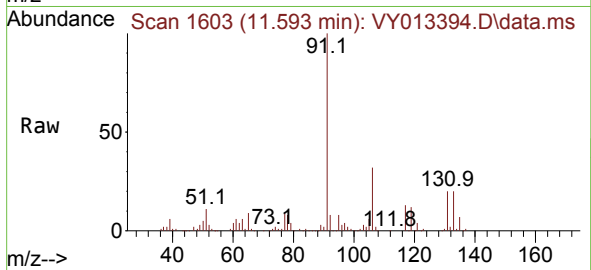




#67
Ethyl Benzene
Concen: 9.821 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

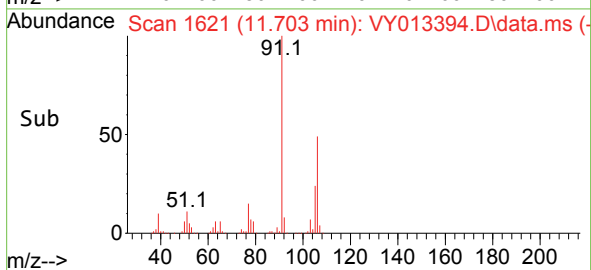
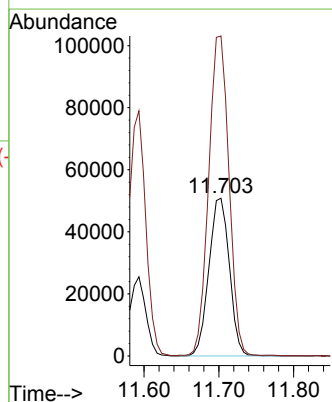
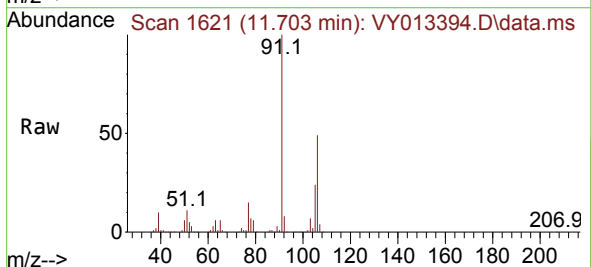
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

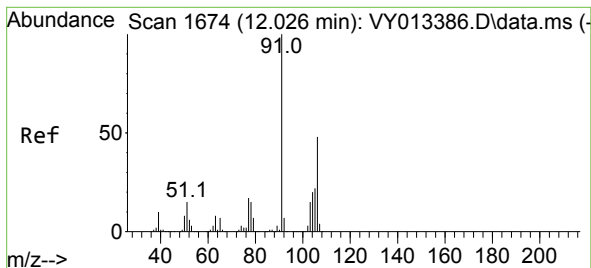
Tgt Ion: 91 Resp: 125463
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 19.933 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 106 Resp: 96801
Ion Ratio Lower Upper
106 100
91 200.6 160.9 241.3





#69

o-Xylene

Concen: 9.777 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

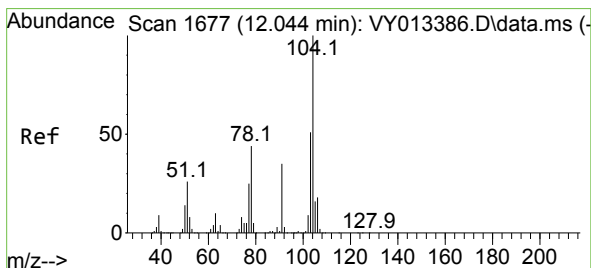
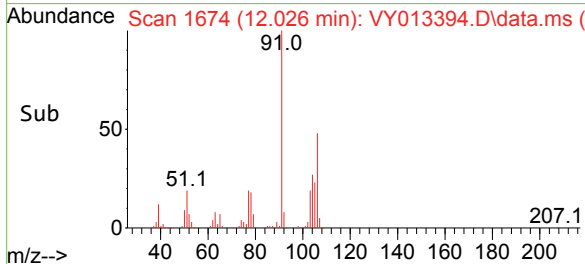
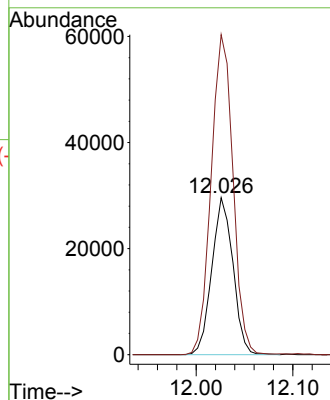
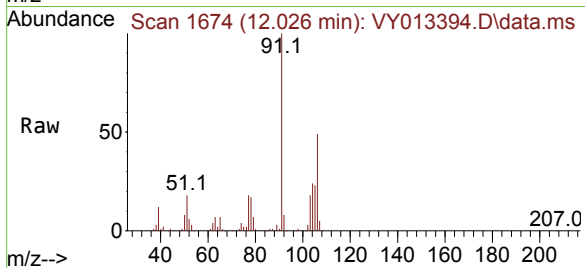
VSTDIC010

Tgt Ion:106 Resp: 44904

Ion Ratio Lower Upper

106 100

91 210.6 105.5 316.4



#70

Styrene

Concen: 9.974 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

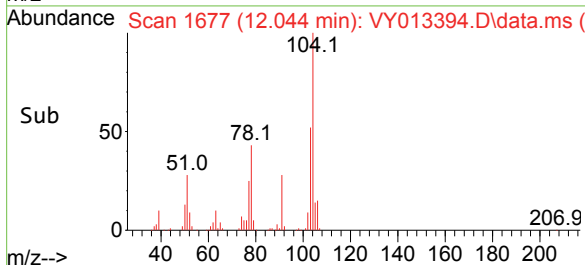
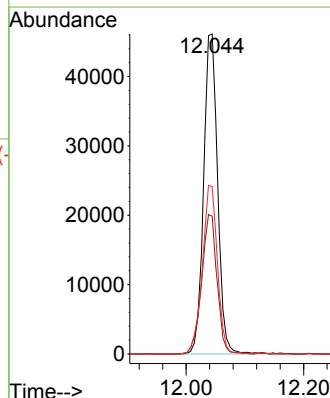
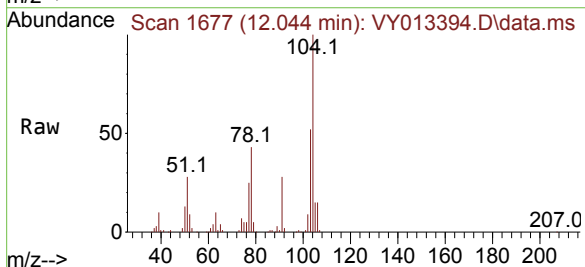
Tgt Ion:104 Resp: 76598

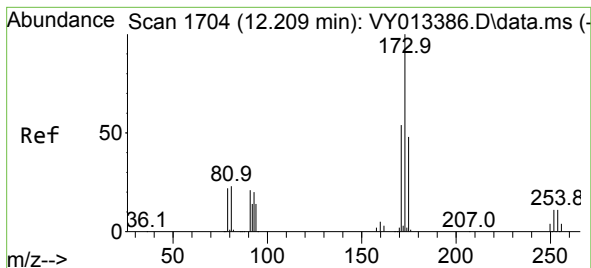
Ion Ratio Lower Upper

104 100

78 47.5 40.3 60.5

103 56.6 45.0 67.4





#71

Bromoform

Concen: 10.050 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

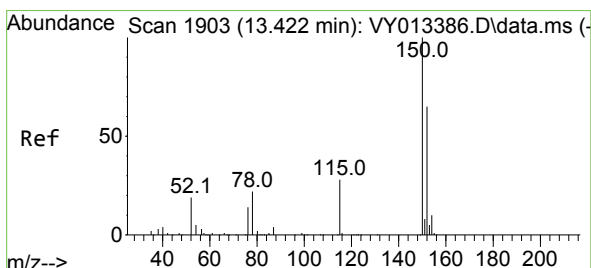
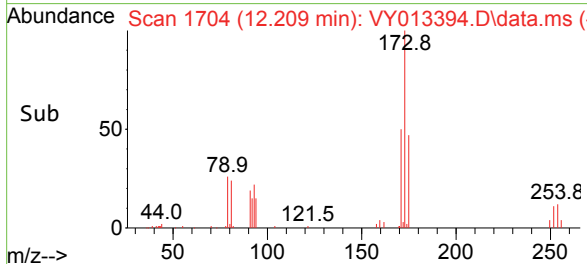
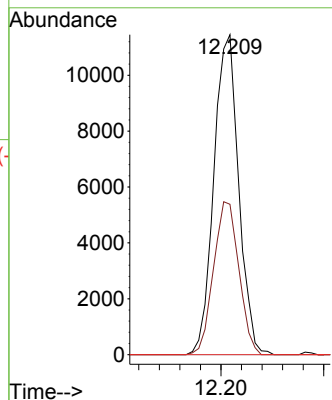
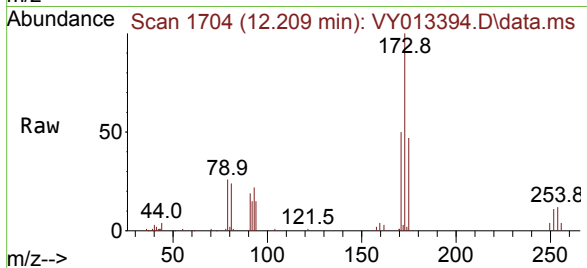
Tgt Ion:173 Resp: 19153

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.0 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: VY013394.D

Acq: 24 Apr 2023 11:48

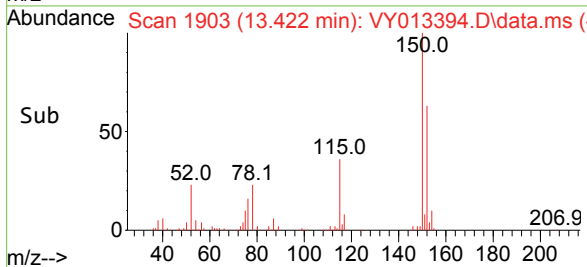
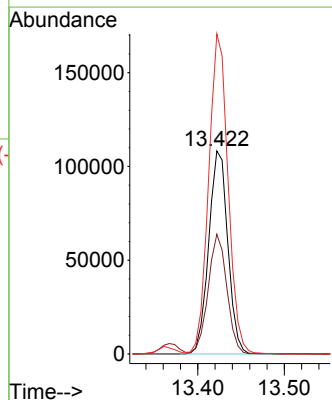
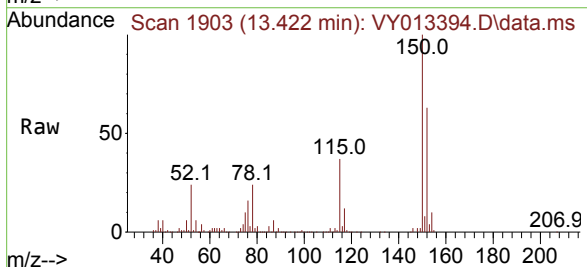
Tgt Ion:152 Resp: 165890

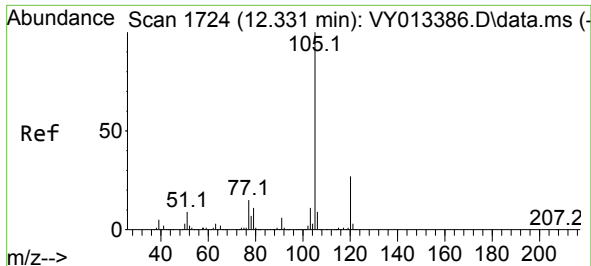
Ion Ratio Lower Upper

152 100

115 57.7 28.1 84.2

150 160.1 0.0 352.0

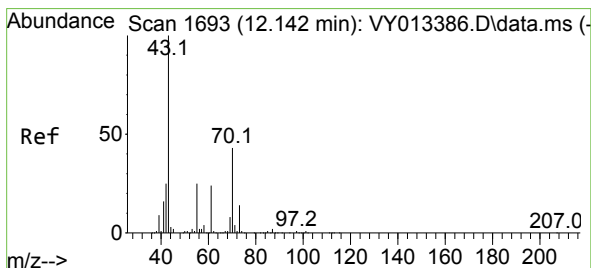
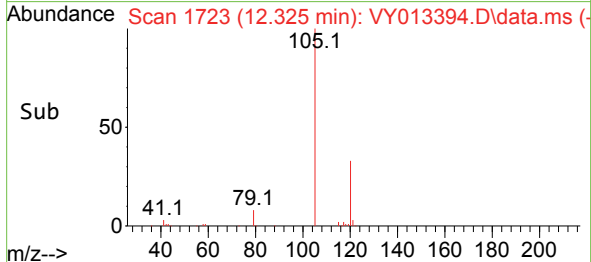
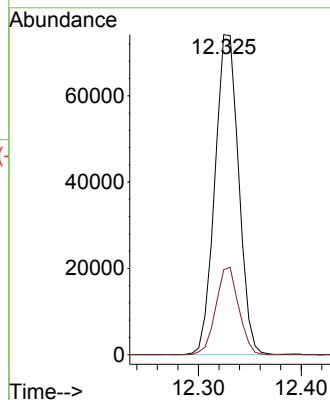
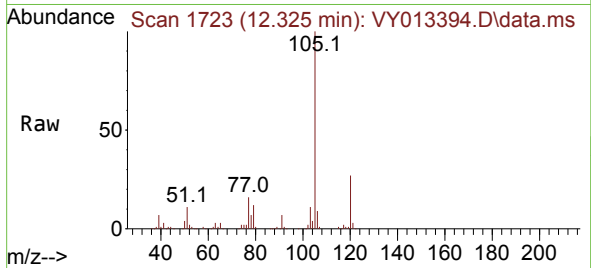




#73
Isopropylbenzene
Concen: 9.487 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

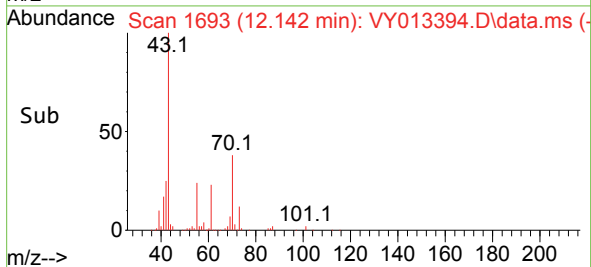
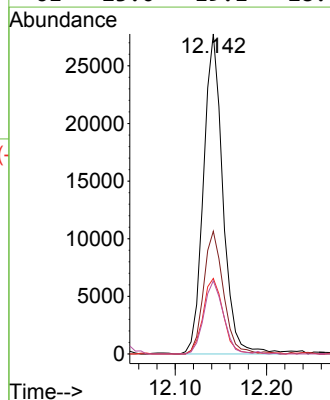
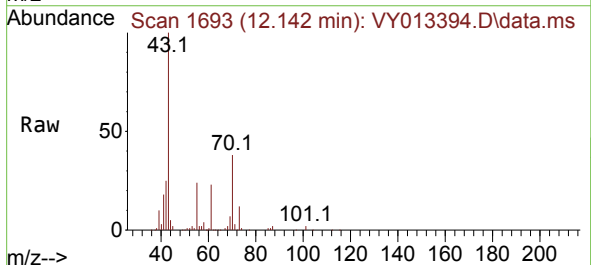
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

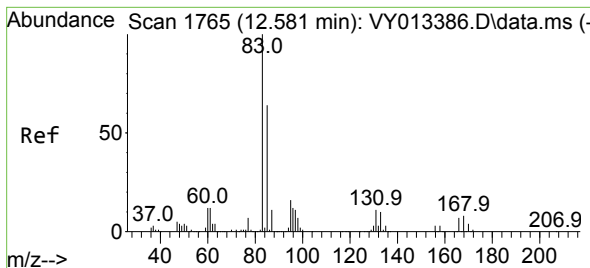
Tgt Ion:105 Resp: 119038
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 9.140 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 43 Resp: 40810
Ion Ratio Lower Upper
43 100
70 38.9 33.0 49.4
55 24.5 19.8 29.6
61 23.0 19.1 28.7

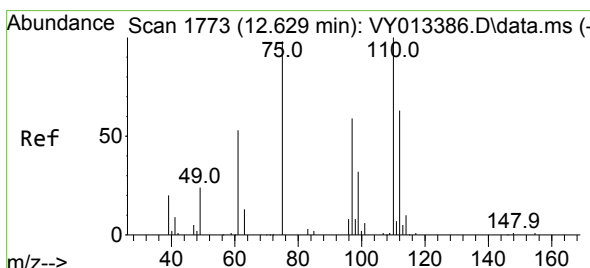
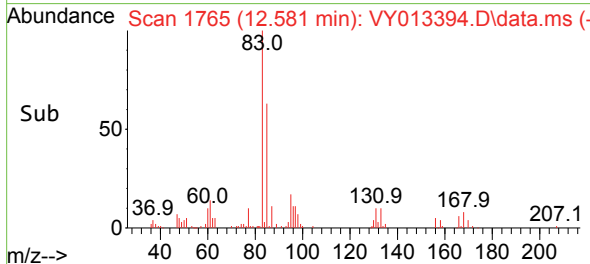
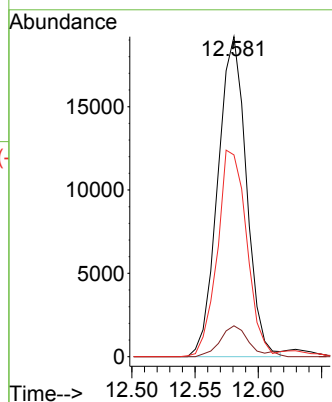
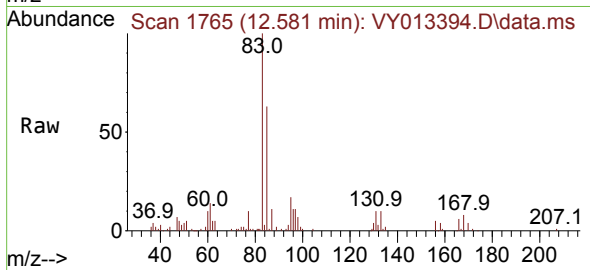




#75
 1,1,2-Tetrachloroethane
 Concen: 9.826 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

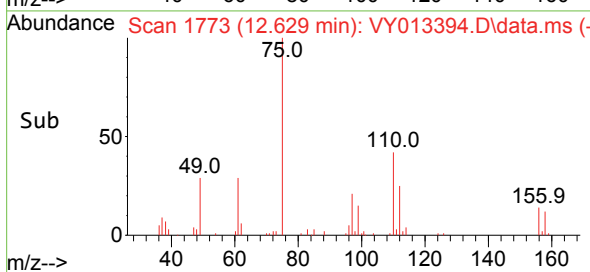
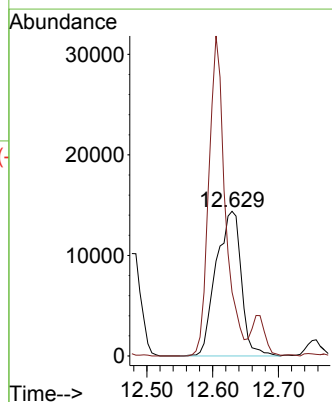
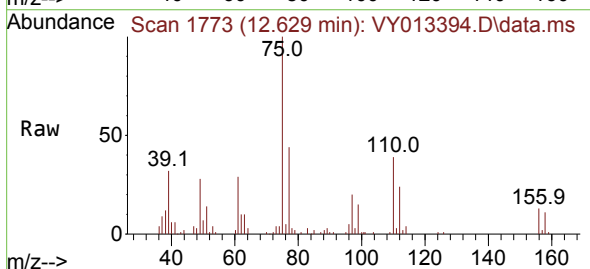
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

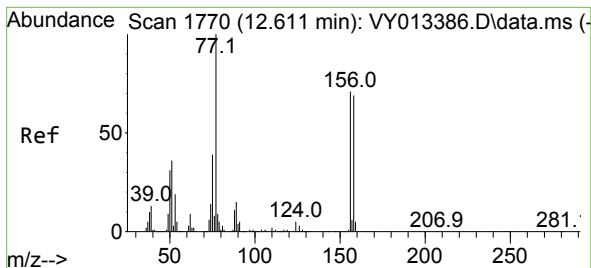
Tgt Ion: 83 Resp: 30135
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.7 17.0
 85 66.7 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 16.758 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY013394.D
 Acq: 24 Apr 2023 11:48

Tgt Ion: 75 Resp: 38386
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.218 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

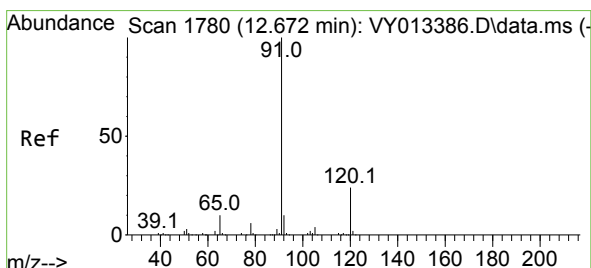
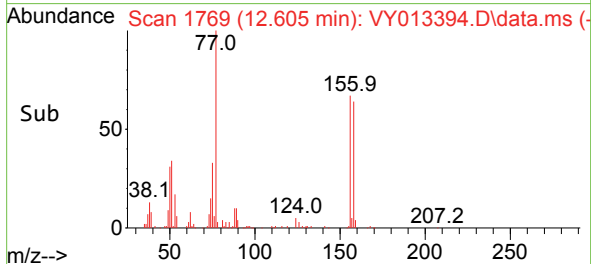
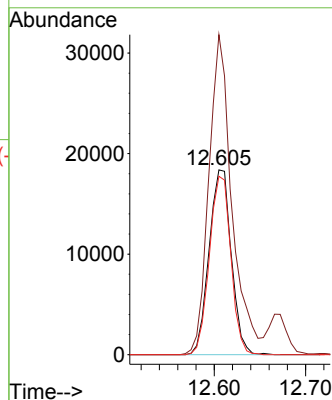
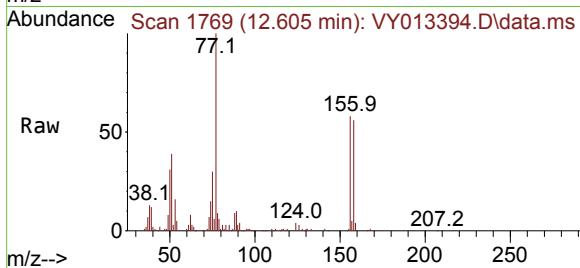
Tgt Ion:156 Resp: 31064

Ion Ratio Lower Upper

156 100

77 178.5 87.6 262.9

158 93.0 48.5 145.5



#78

n-propylbenzene

Concen: 9.499 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013394.D

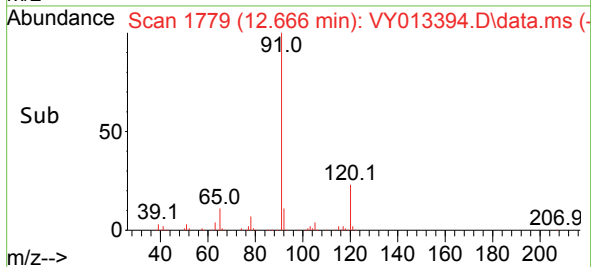
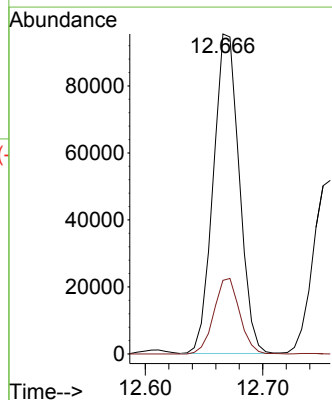
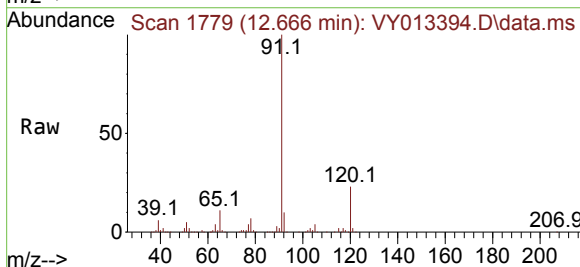
Acq: 24 Apr 2023 11:48

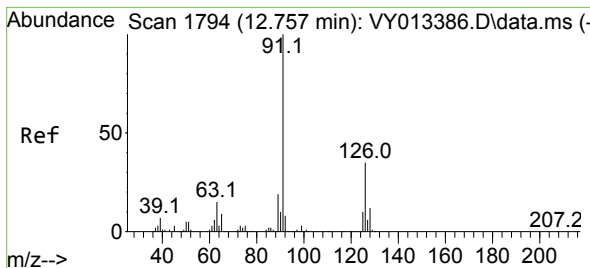
Tgt Ion: 91 Resp: 146802

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9

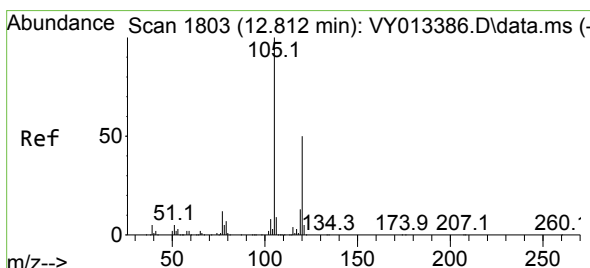
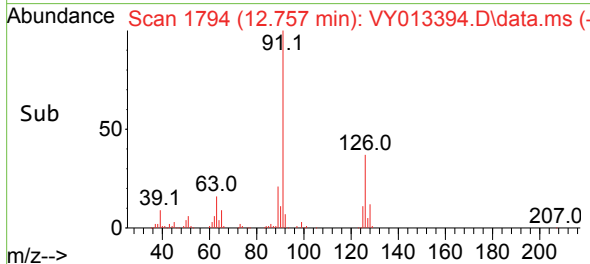
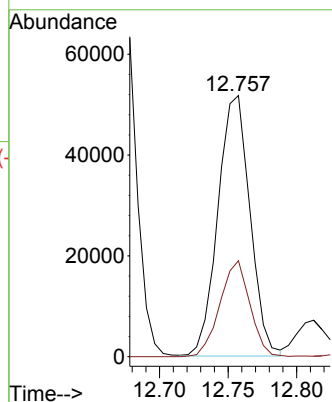
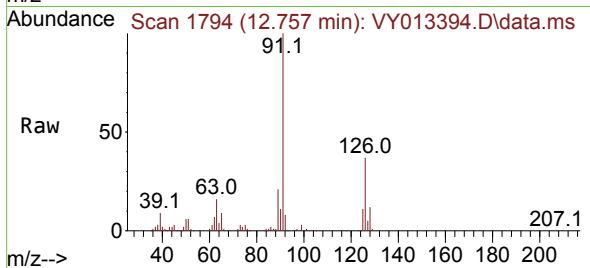




#79
2-Chlorotoluene
Concen: 9.759 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

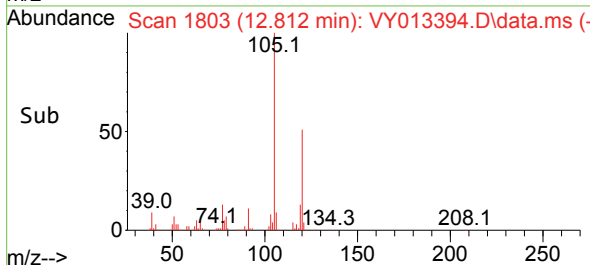
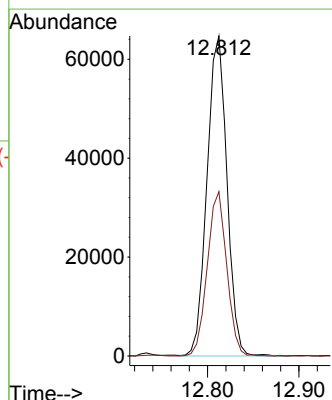
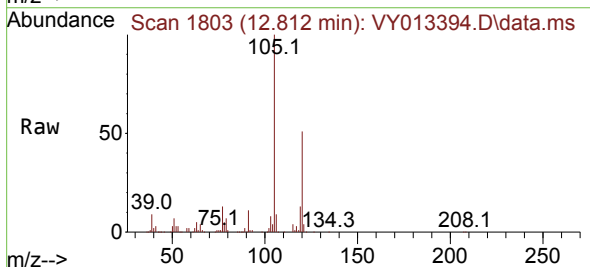
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

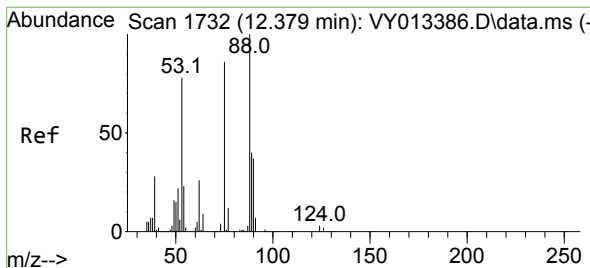
Tgt Ion: 91 Resp: 84229
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 9.562 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 105 Resp: 97925
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1

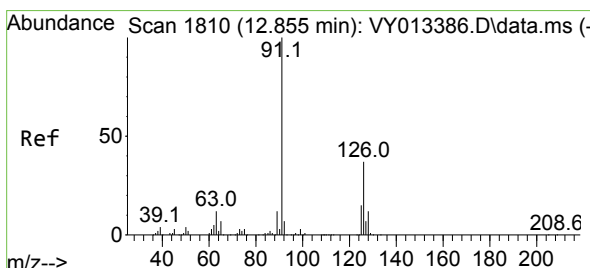
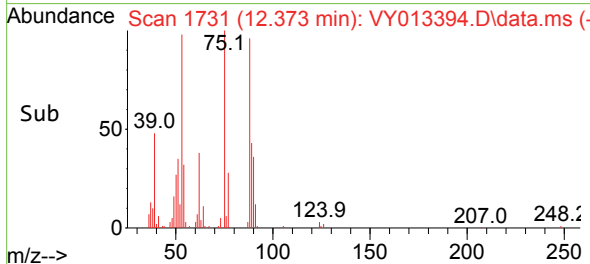
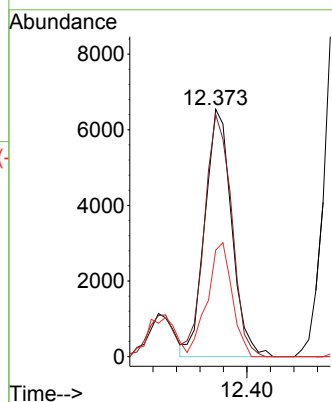
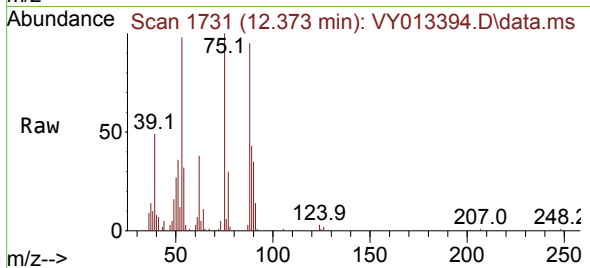




#81
trans-1,4-Dichloro-2-butene
Concen: 9.489 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

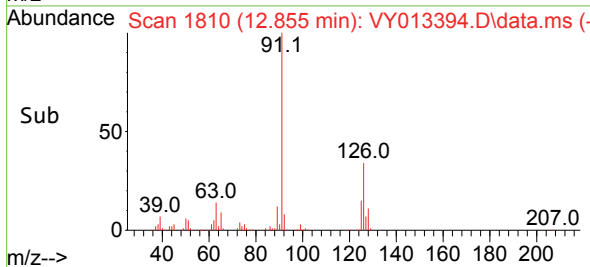
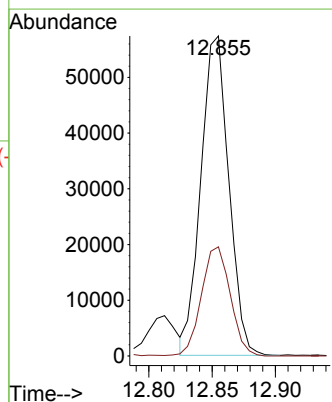
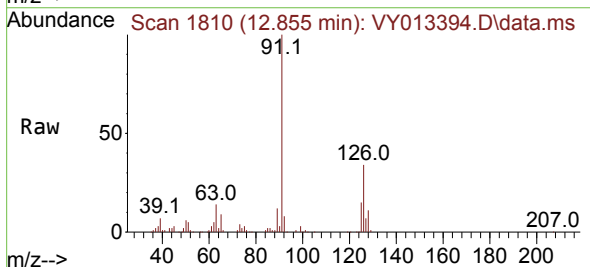
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

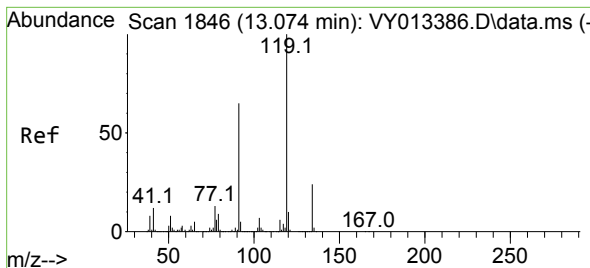
Tgt Ion: 75 Resp: 10378
Ion Ratio Lower Upper
75 100
53 99.4 73.2 109.8
89 42.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 9.811 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion: 91 Resp: 88255
Ion Ratio Lower Upper
91 100
126 35.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 9.557 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

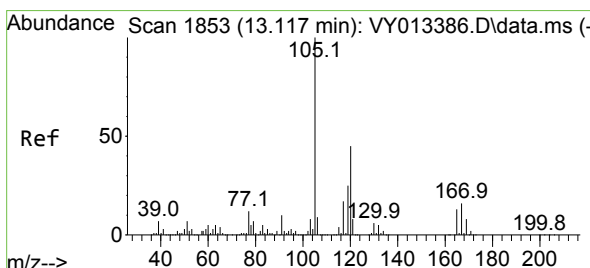
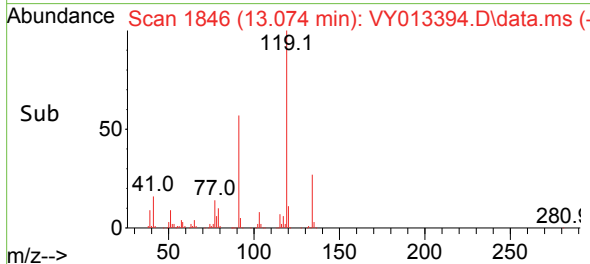
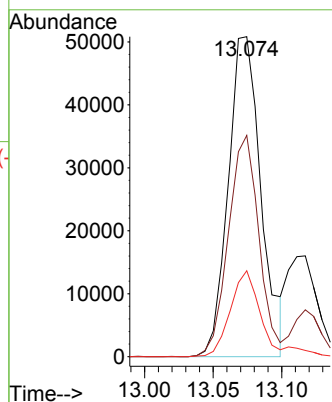
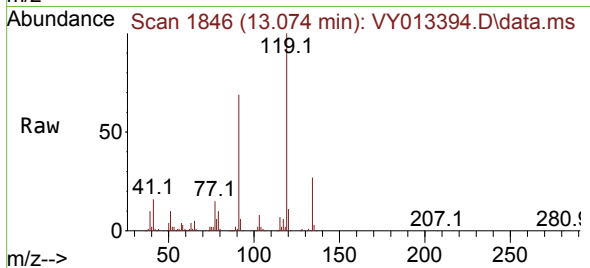
Tgt Ion:119 Resp: 84794

Ion Ratio Lower Upper

119 100

91 64.5 32.2 96.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 9.539 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013394.D

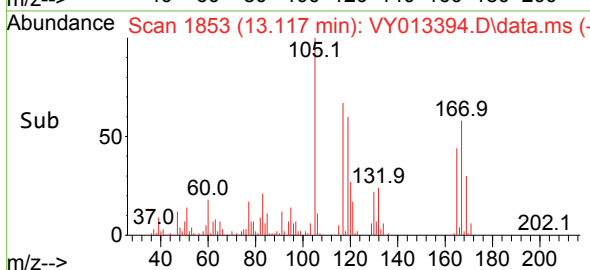
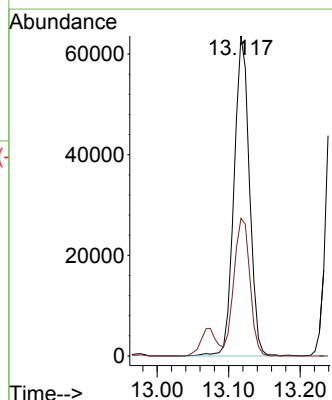
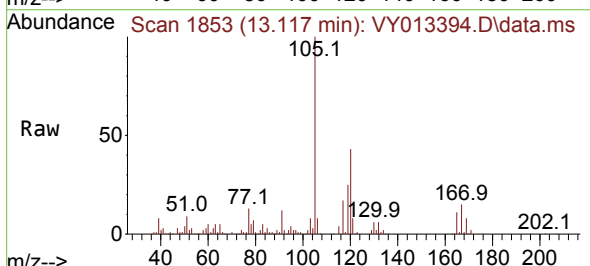
Acq: 24 Apr 2023 11:48

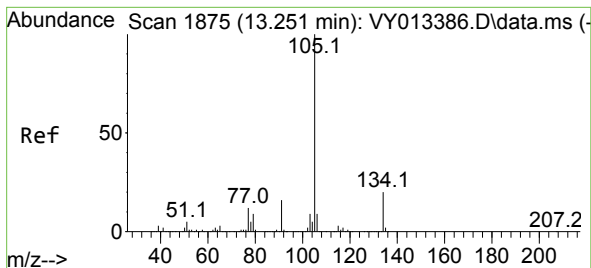
Tgt Ion:105 Resp: 94975

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 9.600 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

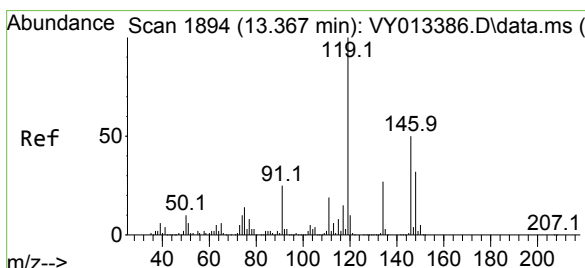
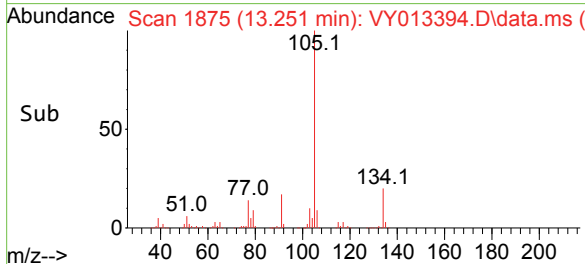
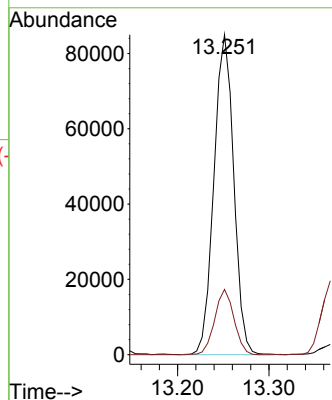
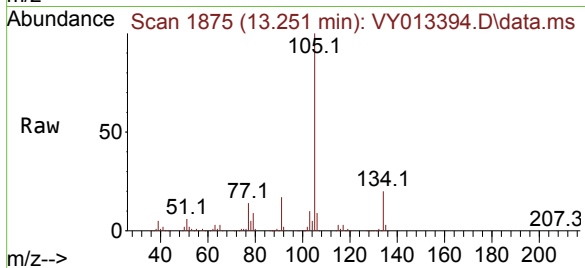
VSTDIC010

Tgt Ion:105 Resp: 127830

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 9.551 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

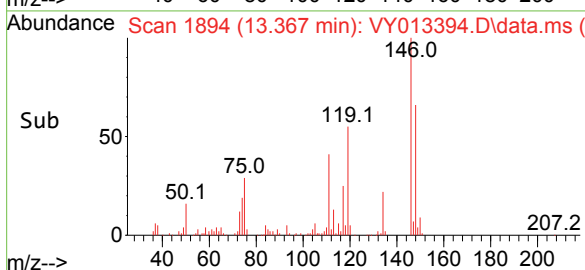
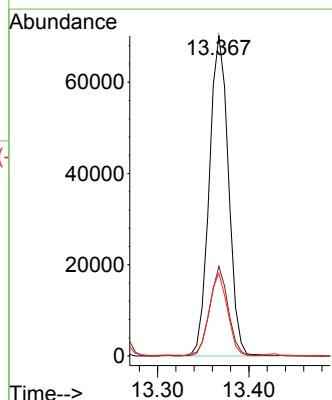
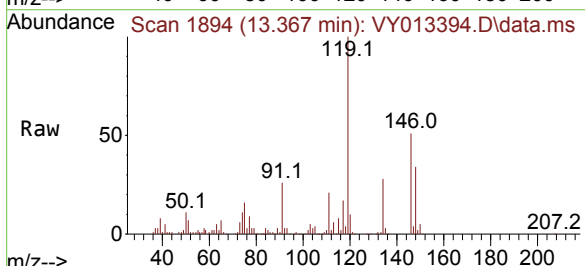
Tgt Ion:119 Resp: 102273

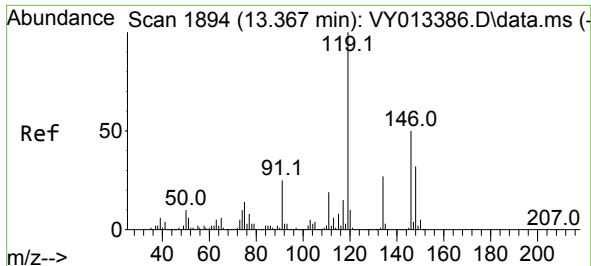
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 24.7 12.1 36.3

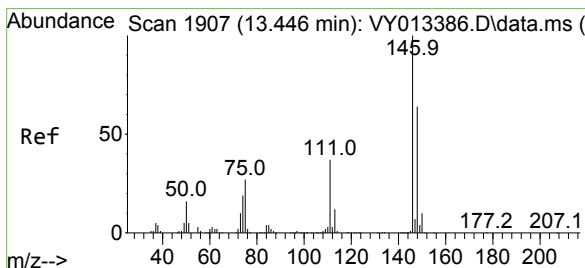
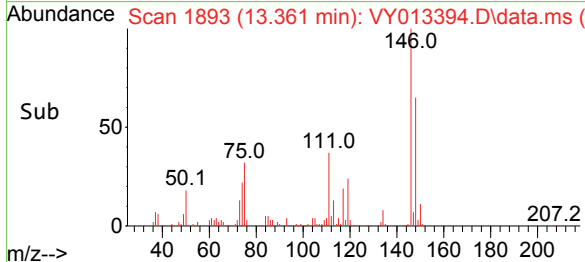
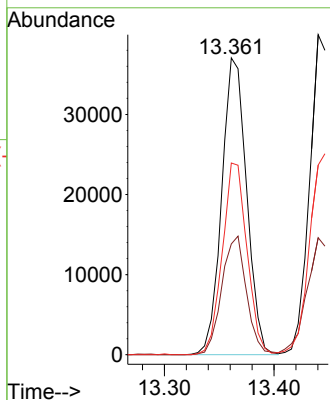
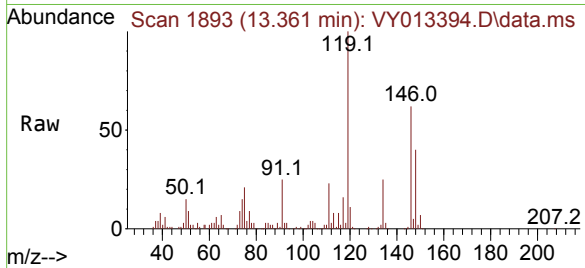




#87
1,3-Dichlorobenzene
Concen: 10.099 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

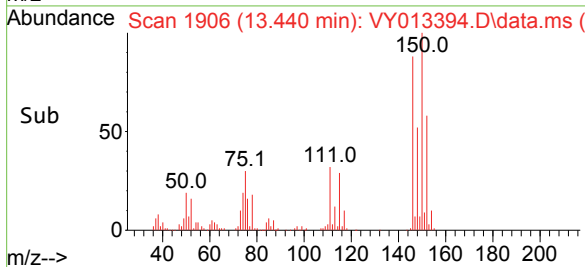
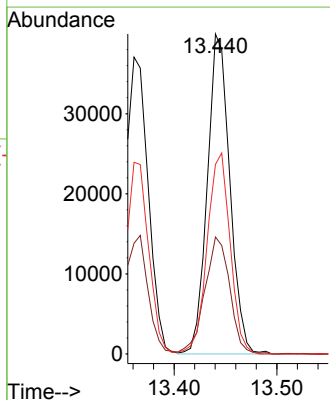
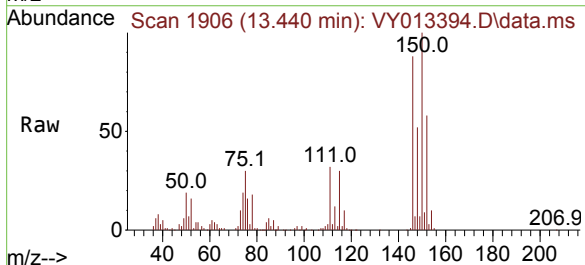
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

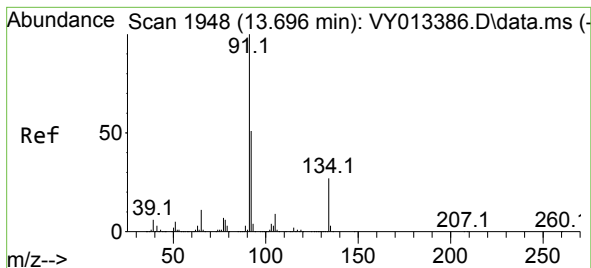
Tgt Ion:146 Resp: 58493
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 10.379 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013394.D
Acq: 24 Apr 2023 11:48

Tgt Ion:146 Resp: 60728
Ion Ratio Lower Upper
146 100
111 40.5 18.9 56.5
148 64.0 31.9 95.5





#89

n-Butylbenzene

Concen: 9.477 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

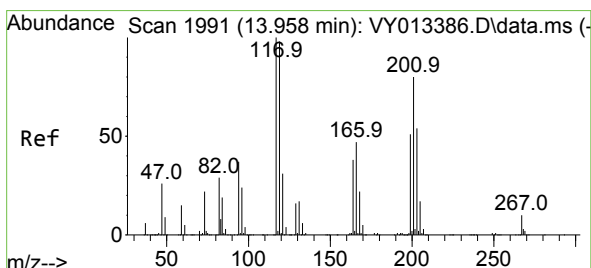
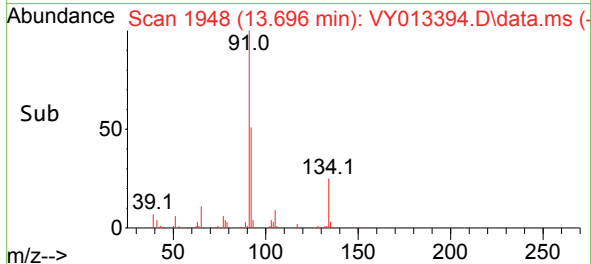
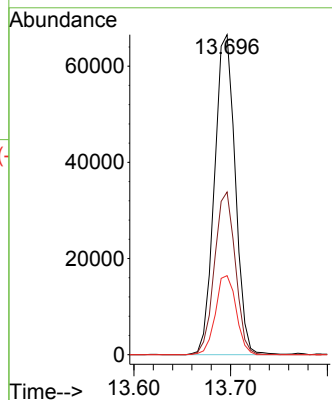
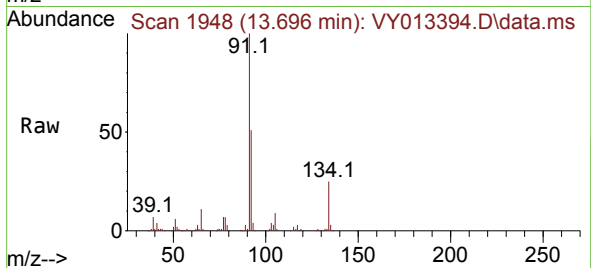
Tgt Ion: 91 Resp: 99051

Ion Ratio Lower Upper

91 100

92 51.1 25.8 77.3

134 24.7 13.5 40.4



#90

Hexachloroethane

Concen: 9.753 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013394.D

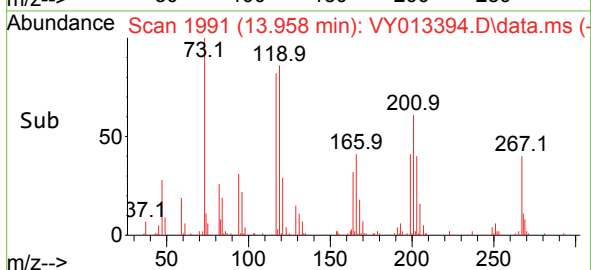
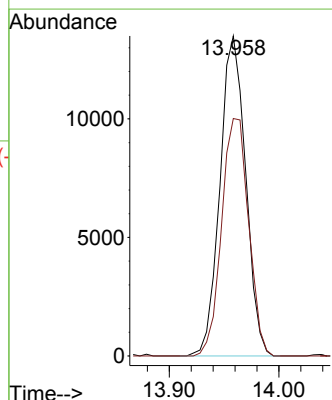
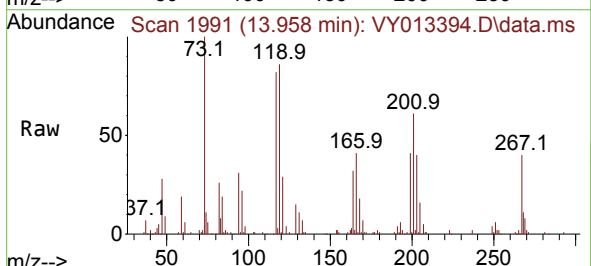
Acq: 24 Apr 2023 11:48

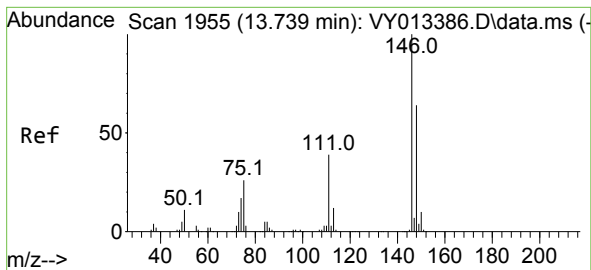
Tgt Ion: 117 Resp: 21981

Ion Ratio Lower Upper

117 100

201 78.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 10.117 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

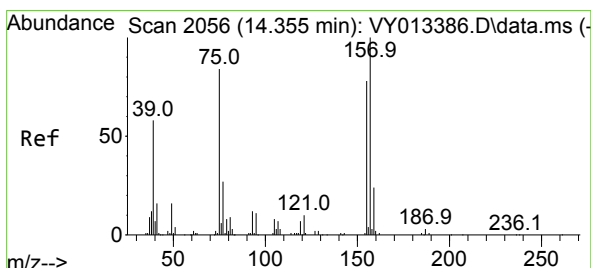
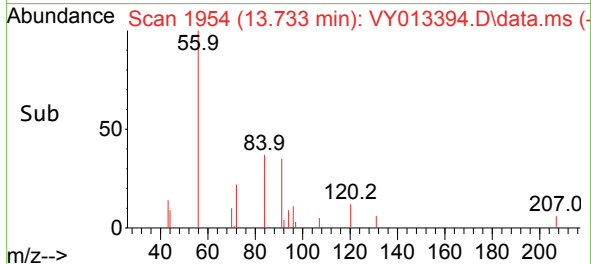
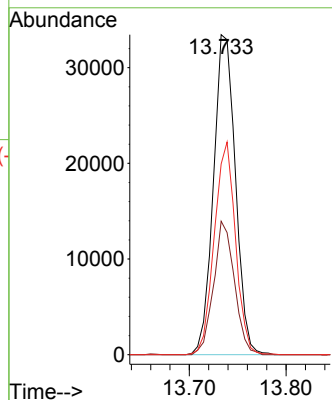
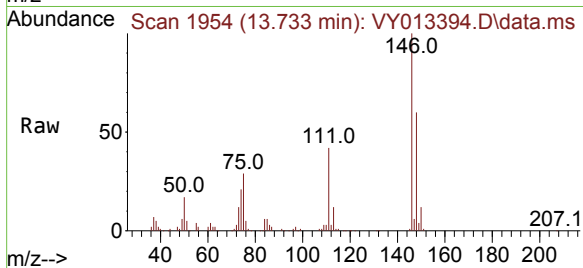
Tgt Ion:146 Resp: 52919

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.128 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

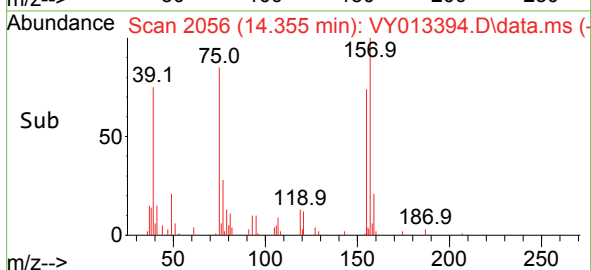
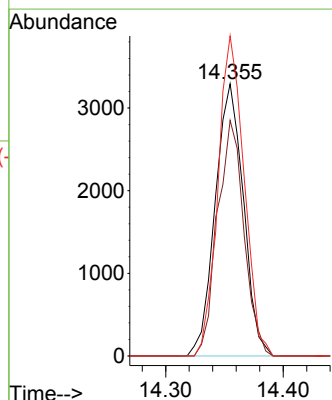
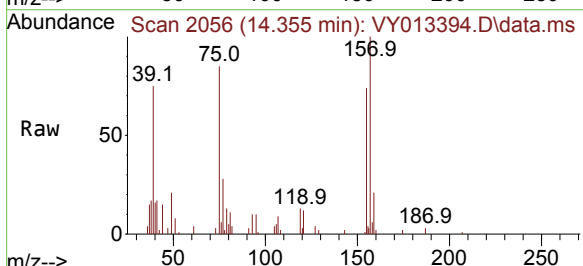
Tgt Ion: 75 Resp: 5486

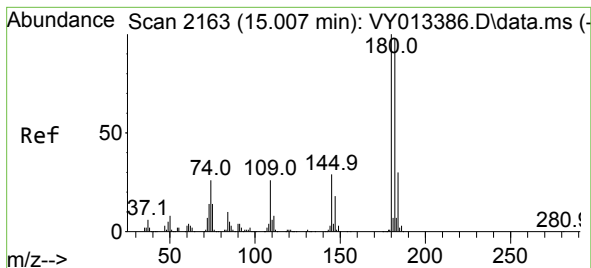
Ion Ratio Lower Upper

75 100

155 81.3 44.6 134.0

157 108.8 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 9.950 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

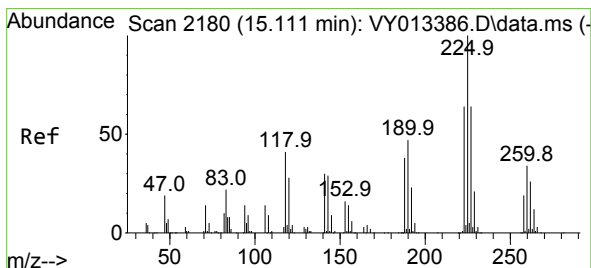
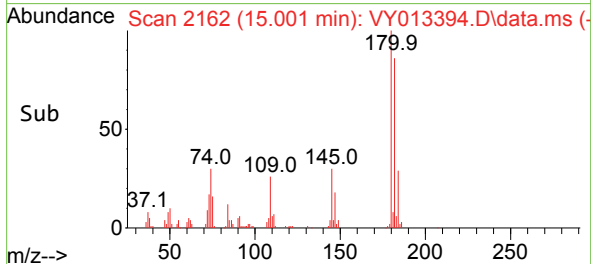
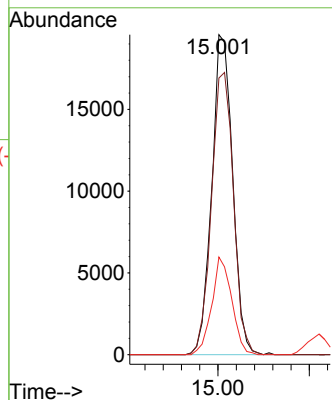
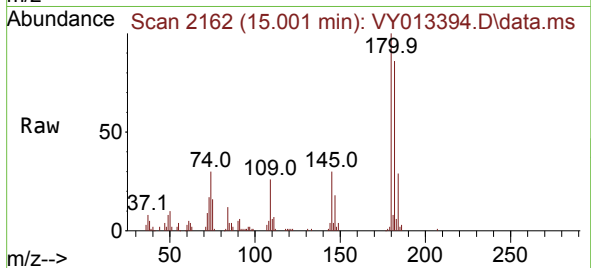
Tgt Ion:180 Resp: 31028

Ion Ratio Lower Upper

180 100

182 92.9 48.5 145.5

145 29.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 10.482 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

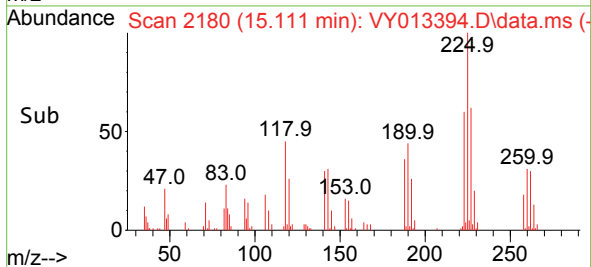
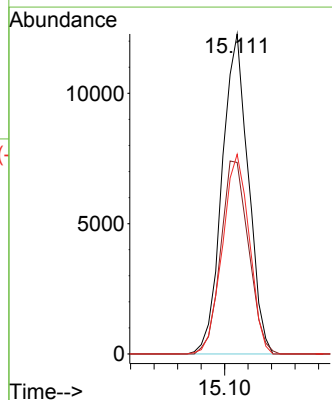
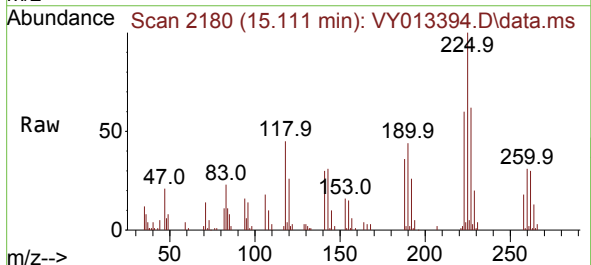
Tgt Ion:225 Resp: 19023

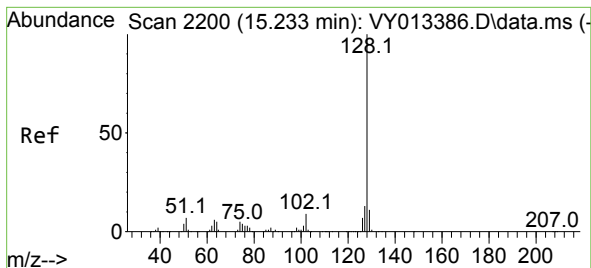
Ion Ratio Lower Upper

225 100

223 63.9 31.4 94.2

227 64.0 32.0 96.0





#95

Naphthalene

Concen: 9.089 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

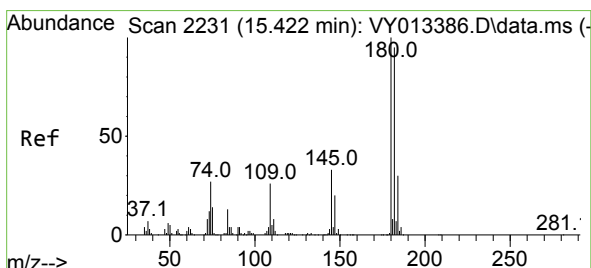
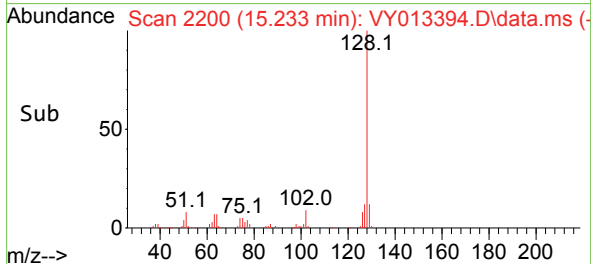
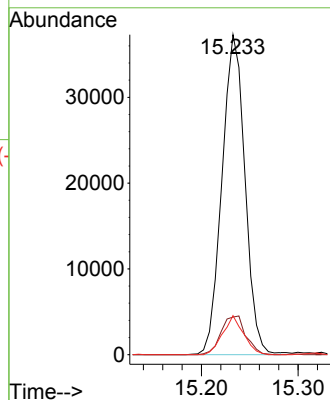
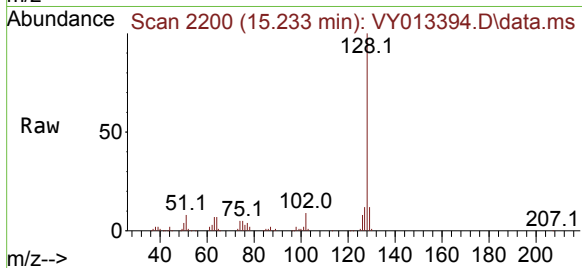
Tgt Ion:128 Resp: 61495

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.904 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013394.D

Acq: 24 Apr 2023 11:48

Tgt Ion:180 Resp: 27527

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.3

145 32.0 15.9 47.7

