

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013393.D
 Acq On : 24 Apr 2023 11:26
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 25 01:57:33 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	233670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	371045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	14471	5.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.300%#
35) Dibromofluoromethane	7.716	113	12602	5.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.800%#
50) Toluene-d8	10.179	98	43566	5.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.500%#
62) 4-Bromofluorobenzene	12.477	95	15326	5.476	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	9090	4.092	ug/l	96
3) Chloromethane	2.107	50	14813	4.975	ug/l	98
4) Vinyl Chloride	2.247	62	14676	4.950	ug/l	98
5) Bromomethane	2.649	94	12670	5.363	ug/l	91
6) Chloroethane	2.790	64	10095	4.929	ug/l	97
7) Trichlorofluoromethane	3.131	101	21923	4.881	ug/l	89
8) Diethyl Ether	3.527	74	7389	4.831	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.899	101	12524	4.971	ug/l	94
10) Methyl Iodide	4.088	142	13810	4.364	ug/l	99
11) Tert butyl alcohol	4.948	59	3367	3.943	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	11835	4.873	ug/l	89
13) Acrolein	3.729	56	7771	26.817	ug/l	94
14) Allyl chloride	4.472	41	21139	4.691	ug/l	96
15) Acrylonitrile	5.173	53	21627	25.248	ug/l	97
16) Acetone	3.954	43	26342	26.113	ug/l	91
17) Carbon Disulfide	4.192	76	36336	4.606	ug/l	96
18) Methyl Acetate	4.478	43	17495	5.251	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	34001	4.850	ug/l	100
20) Methylene Chloride	4.710	84	37143	4.371	ug/l #	87
21) trans-1,2-Dichloroethene	5.216	96	12526	4.717	ug/l	97
22) Diisopropyl ether	6.118	45	40965	4.651	ug/l	92
23) Vinyl Acetate	6.057	43	121549	24.191	ug/l	96
24) 1,1-Dichloroethane	6.015	63	24150	4.920	ug/l	98
25) 2-Butanone	6.990	43	31792	24.851	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	20459	4.837	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	14368	4.898	ug/l	92
28) Bromochloromethane	7.325	49	8544	4.905	ug/l #	80
29) Tetrahydrofuran	7.350	42	18670	23.444	ug/l	92
30) Chloroform	7.502	83	24143	4.947	ug/l	92
31) Cyclohexane	7.789	56	24810	5.410	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	21649	4.971	ug/l	98
36) 1,1-Dichloropropene	7.917	75	18725	4.835	ug/l	96
37) Ethyl Acetate	7.069	43	14056	4.823	ug/l #	93
38) Carbon Tetrachloride	7.899	117	19319	4.759	ug/l	95
39) Methylcyclohexane	9.179	83	20996	4.598	ug/l	94
40) Benzene	8.155	78	53338	4.889	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6888	5.060	ug/l	92
42) 1,2-Dichloroethane	8.234	62	17663	4.952	ug/l	97
43) Isopropyl Acetate	8.277	43	22971	4.669	ug/l	96
44) Trichloroethene	8.935	130	14744	5.080	ug/l	99
45) 1,2-Dichloropropane	9.215	63	13826	4.847	ug/l	99
46) Dibromomethane	9.301	93	8576	5.025	ug/l	93
47) Bromodichloromethane	9.496	83	18668	4.888	ug/l #	94
48) Methyl methacrylate	9.295	41	9904	4.383	ug/l	97
49) 1,4-Dioxane	9.319	88	2353	96.526	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	64601	23.565	ug/l	95
52) Toluene	10.246	92	30806	4.692	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	18508	4.579	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	22070	4.852	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	11533	5.102	ug/l	94
56) Ethyl methacrylate	10.508	69	13375	4.265	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	19246	5.028	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	30680	26.091	ug/l	94
59) 2-Hexanone	10.831	43	45448	22.806	ug/l	93
60) Dibromochloromethane	10.983	129	13219	4.816	ug/l	96
61) 1,2-Dibromoethane	11.087	107	11242	5.059	ug/l	98
64) Tetrachloroethene	10.715	164	12653	5.052	ug/l	91
65) Chlorobenzene	11.514	112	35487	4.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	13336	4.970	ug/l	95
67) Ethyl Benzene	11.587	91	57925	4.597	ug/l	94
68) m/p-Xylenes	11.697	106	43052	8.988	ug/l	96
69) o-Xylene	12.026	106	20869	4.607	ug/l	99
70) Styrene	12.044	104	33902	4.476	ug/l	99
71) Bromoform	12.203	173	9673	5.146	ug/l #	97
73) Isopropylbenzene	12.331	105	54492	4.448	ug/l	100
74) N-amyl acetate	12.142	43	18714	4.293	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	15203	5.078	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18461	8.255	ug/l #	100
77) Bromobenzene	12.605	156	13901	4.683	ug/l	89
78) n-propylbenzene	12.666	91	67989	4.506	ug/l	97
79) 2-Chlorotoluene	12.751	91	38892	4.616	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	44902	4.491	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4751	4.450	ug/l	89
82) 4-Chlorotoluene	12.855	91	41296	4.702	ug/l	99
83) tert-Butylbenzene	13.074	119	39503	4.561	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	43562	4.481	ug/l	100
85) sec-Butylbenzene	13.251	105	60028	4.618	ug/l	99
86) p-Isopropyltoluene	13.367	119	48417	4.631	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	28779	5.089	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	29666	5.193	ug/l	95
89) n-Butylbenzene	13.696	91	47759	4.681	ug/l	95
90) Hexachloroethane	13.958	117	11278	5.126	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	25583	5.010	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2683	5.074	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	15770	5.180	ug/l	97
94) Hexachlorobutadiene	15.111	225	9792	5.526	ug/l	98
95) Naphthalene	15.233	128	30220	4.575	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	13552	4.994	ug/l	93

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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Mon Apr 24 14:03:33 2023
Response via : Initial Calibration

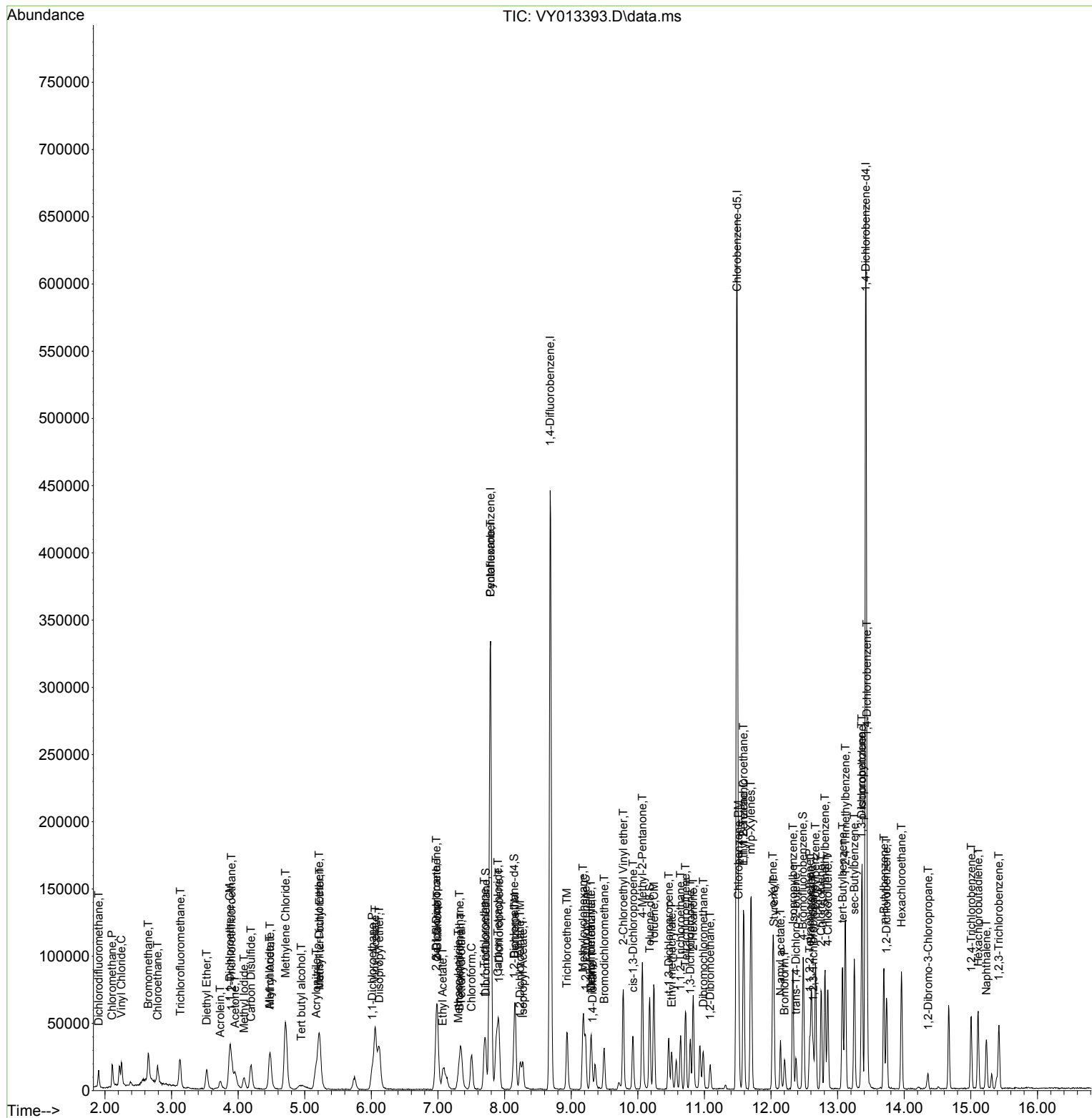
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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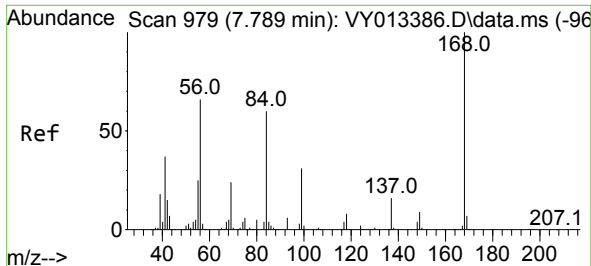
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY013393.D
 Acq On : 24 Apr 2023 11:26
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 25 01:57:33 2023
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 Quant Title : SW846 8260
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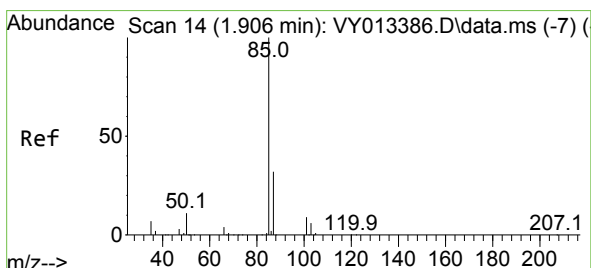
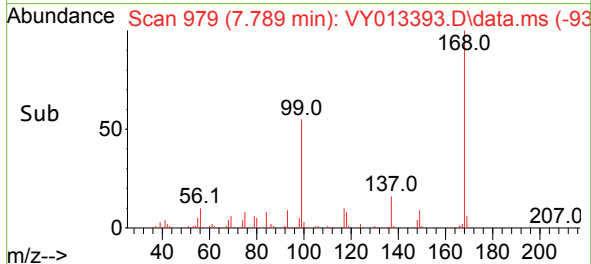
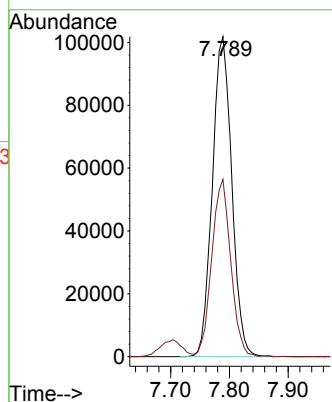
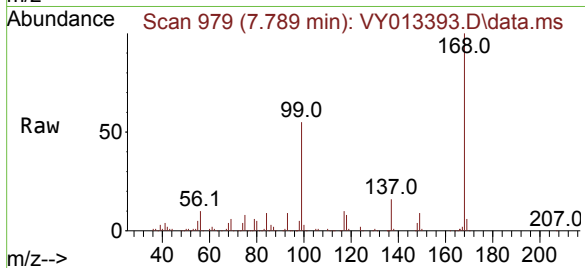




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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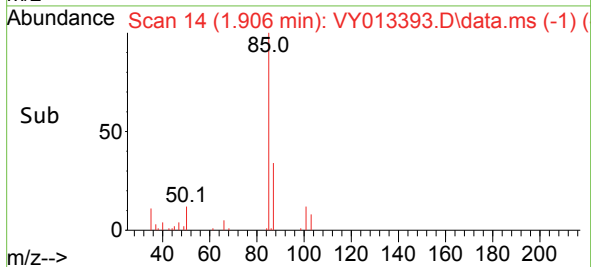
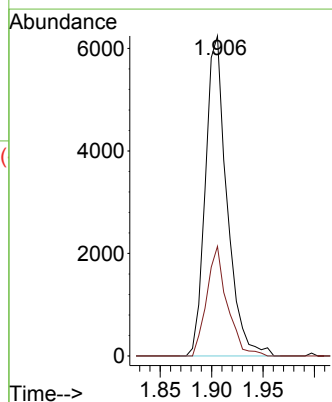
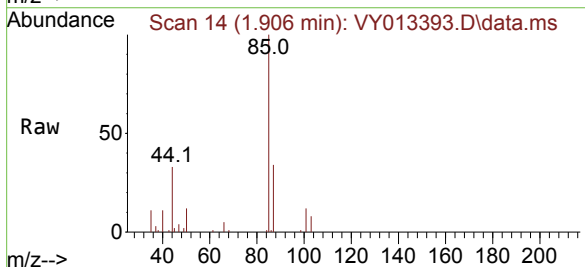
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

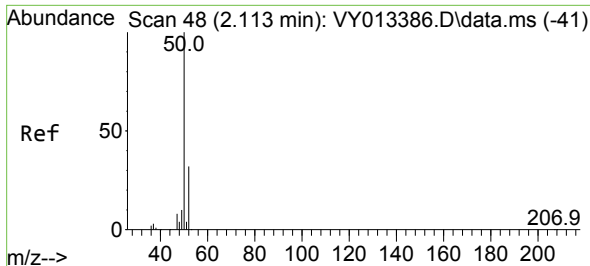
Tgt Ion:168 Resp: 233670
Ion Ratio Lower Upper
168 100
99 55.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 4.092 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 85 Resp: 9090
Ion Ratio Lower Upper
85 100
87 34.3 16.1 48.2

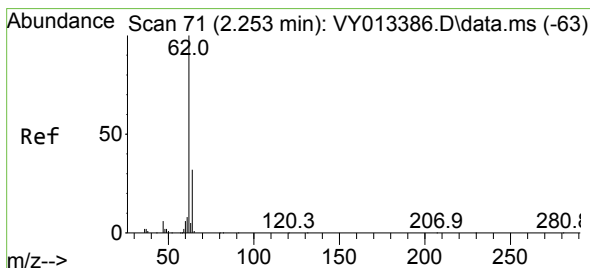
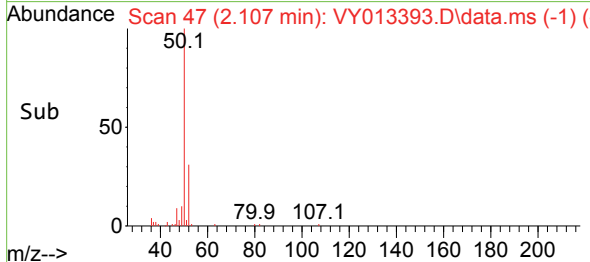
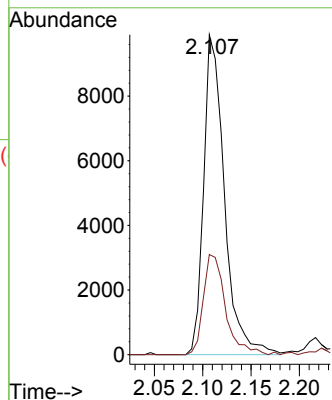
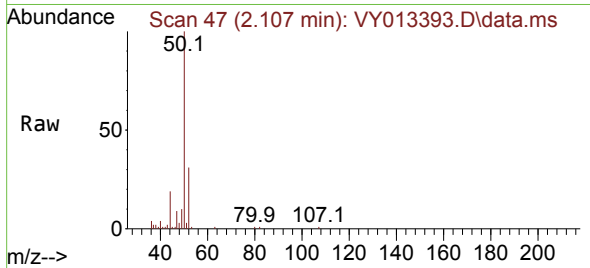




#3
Chloromethane
Concen: 4.975 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

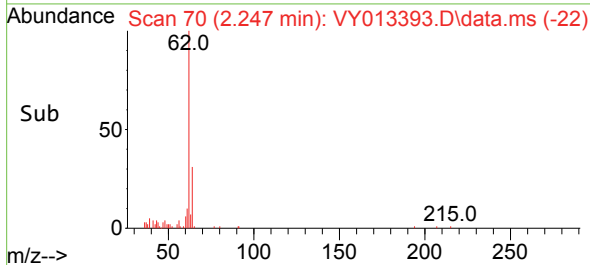
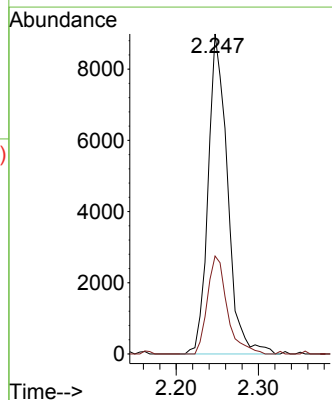
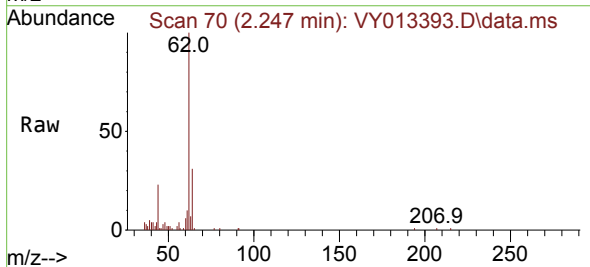
Instrument :
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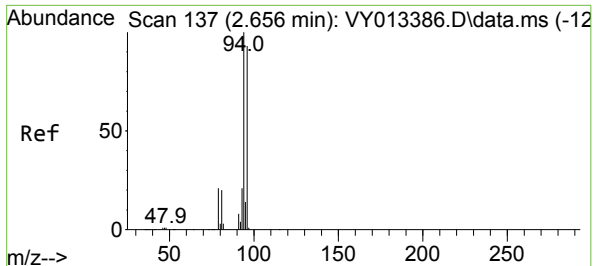
Tgt Ion: 50 Resp: 14813
Ion Ratio Lower Upper
50 100
52 31.3 25.9 38.9



#4
Vinyl Chloride
Concen: 4.950 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013393.D
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Tgt Ion: 62 Resp: 14676
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0

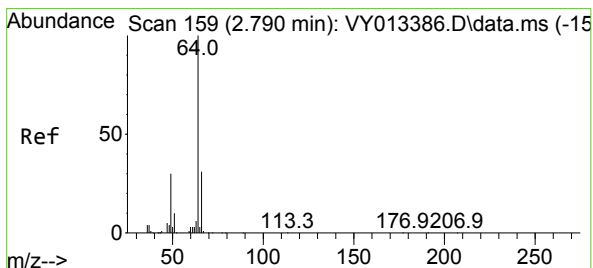
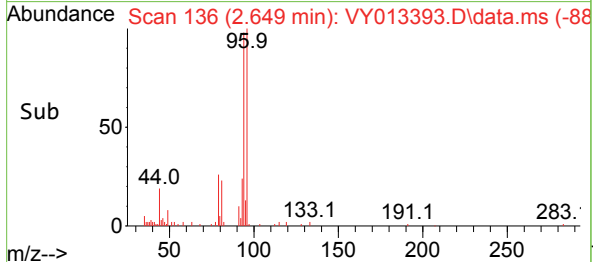
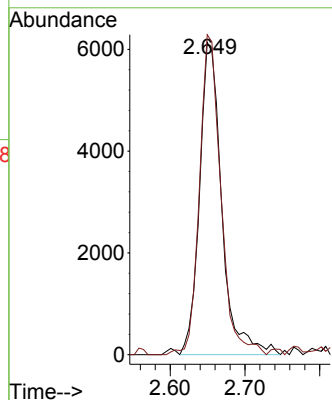
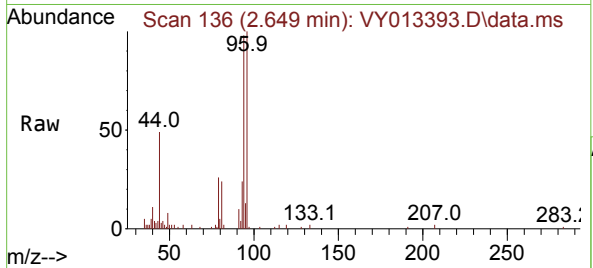




#5
Bromomethane
Concen: 5.363 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013393.D
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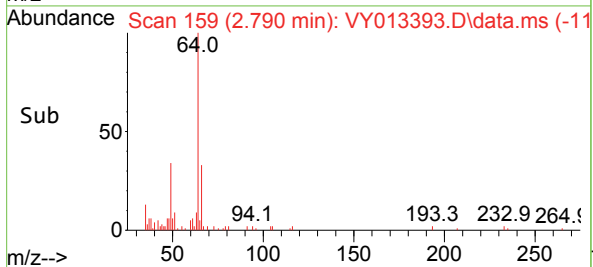
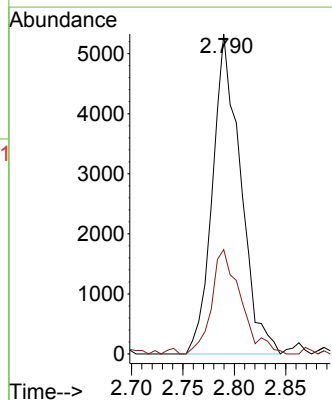
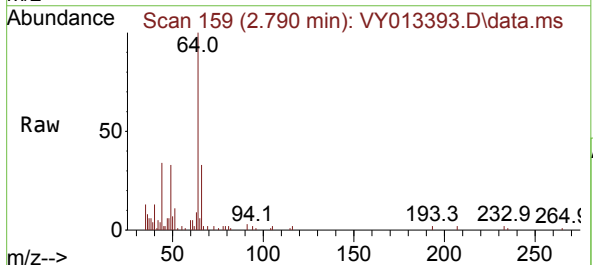
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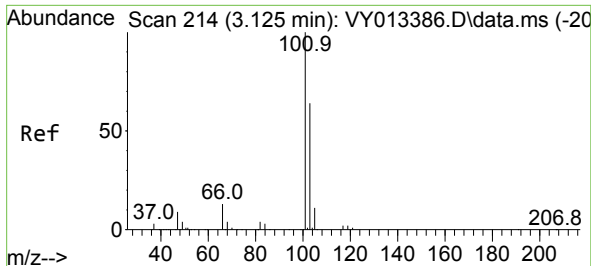
Tgt Ion: 94 Resp: 12670
Ion Ratio Lower Upper
94 100
96 101.1 74.2 111.2



#6
Chloroethane
Concen: 4.929 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 10095
Ion Ratio Lower Upper
64 100
66 32.6 24.6 37.0

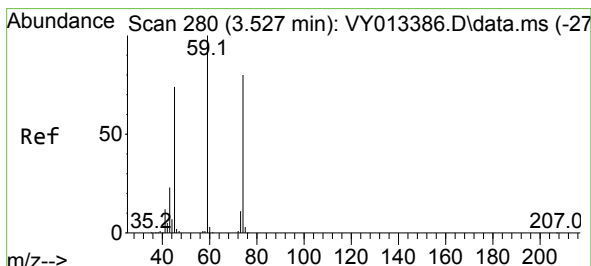
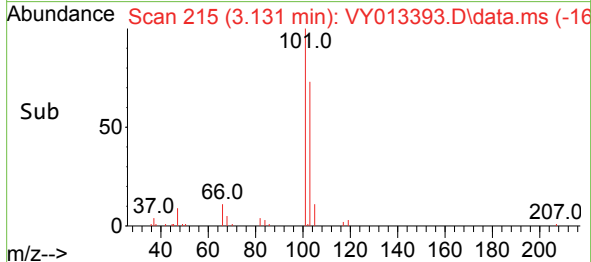
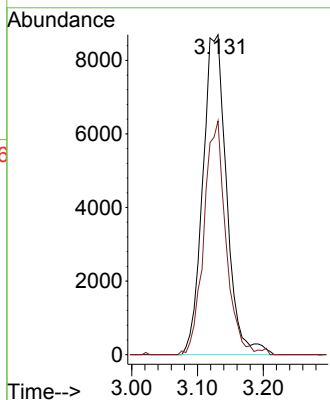
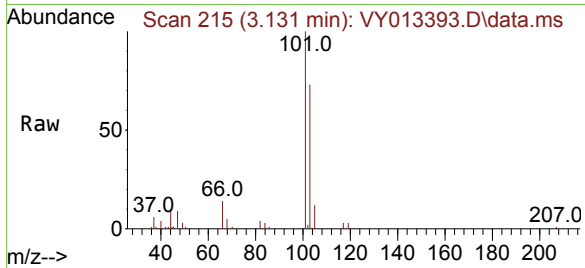




#7
Trichlorofluoromethane
Concen: 4.881 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

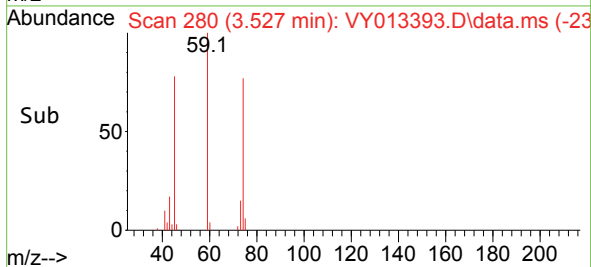
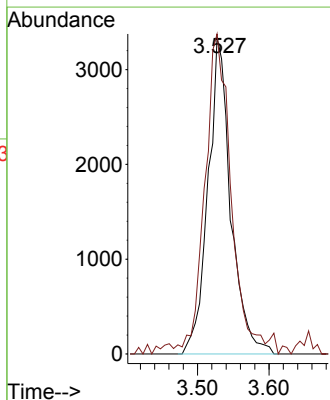
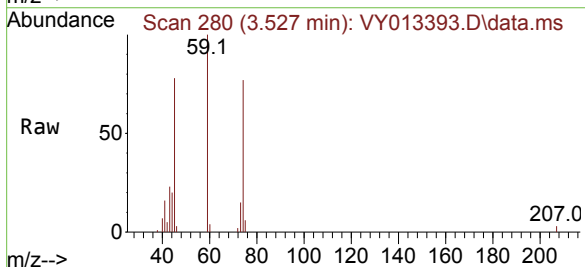
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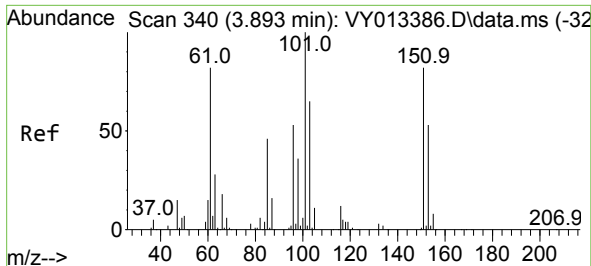
Tgt Ion:101 Resp: 21923
Ion Ratio Lower Upper
101 100
103 73.1 51.6 77.4



#8
Diethyl Ether
Concen: 4.831 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013393.D
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Tgt Ion: 74 Resp: 7389
Ion Ratio Lower Upper
74 100
45 118.5 48.2 144.6

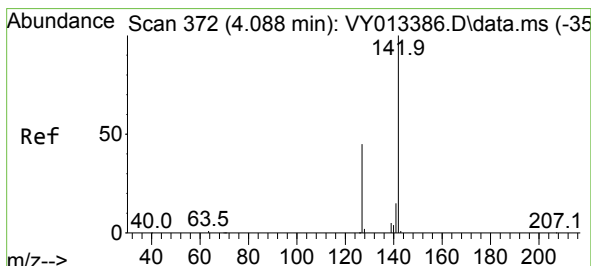
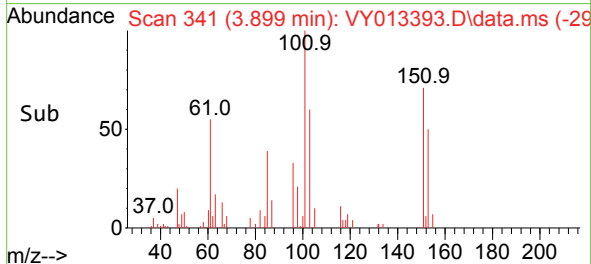
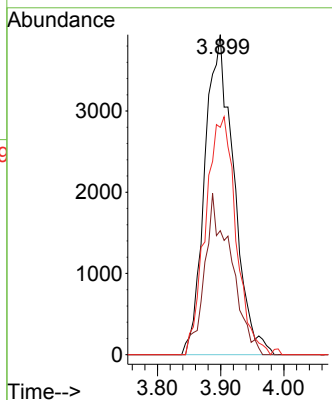
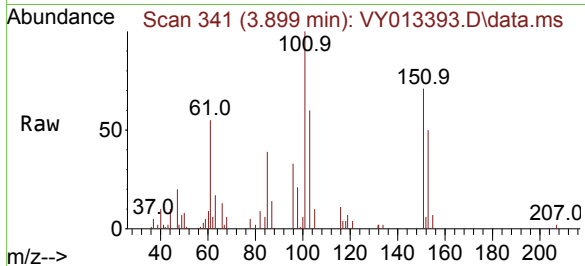




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.971 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

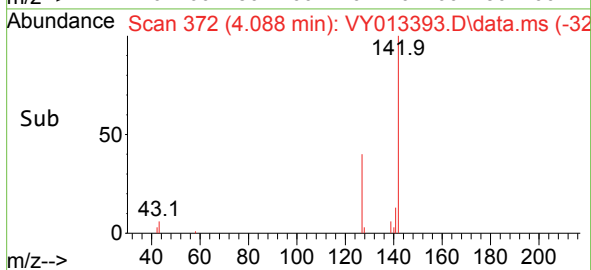
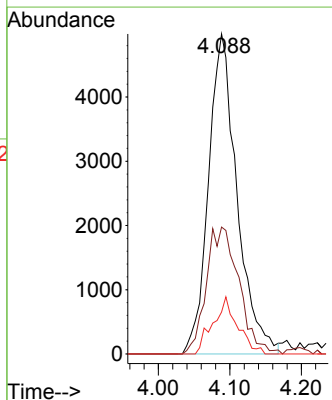
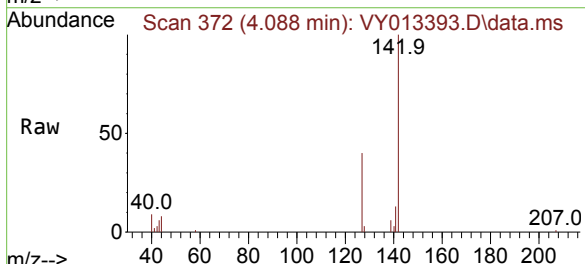
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

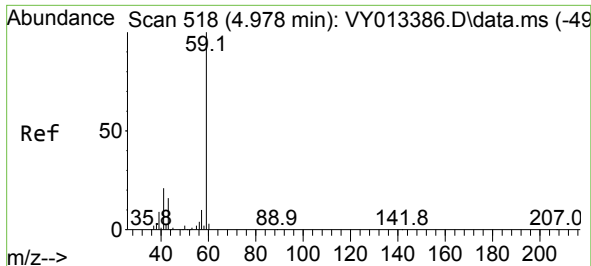
Tgt Ion:101 Resp: 12524
Ion Ratio Lower Upper
101 100
85 45.9 35.6 53.4
151 77.7 68.0 102.0



#10
Methyl Iodide
Concen: 4.364 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion:142 Resp: 13810
Ion Ratio Lower Upper
142 100
127 45.3 36.1 54.1
141 15.3 11.6 17.4

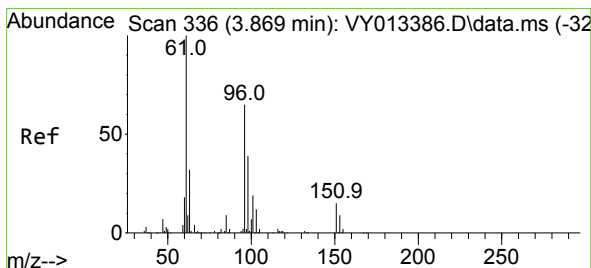
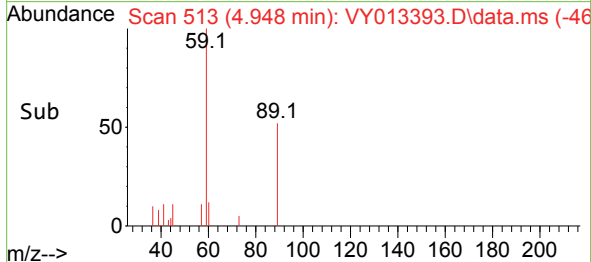
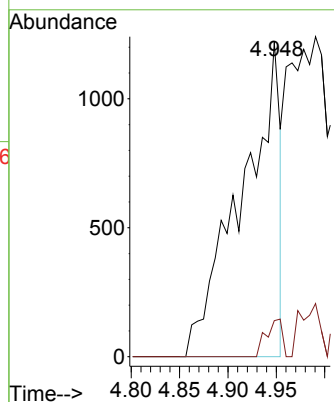
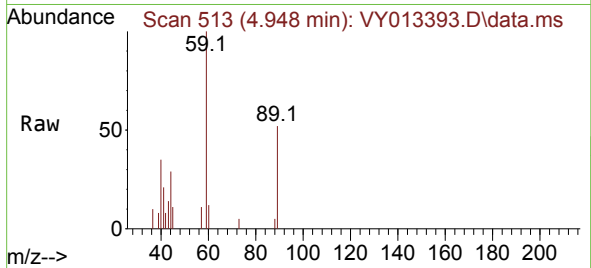




#11
Tert butyl alcohol
Concen: 3.943 ug/l
RT: 4.948 min Scan# 518
Delta R.T. -0.030 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

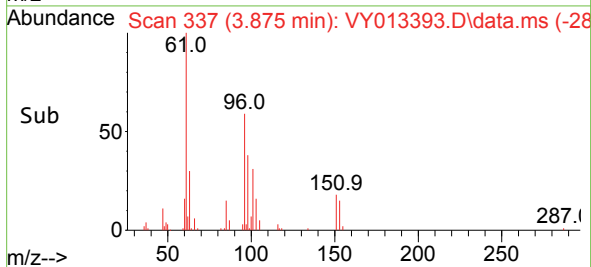
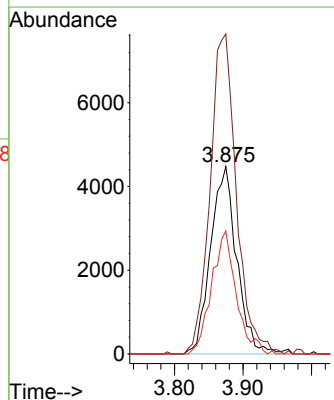
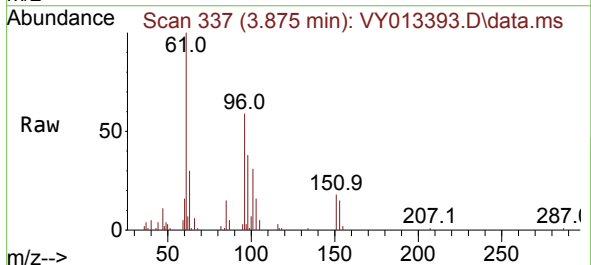
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

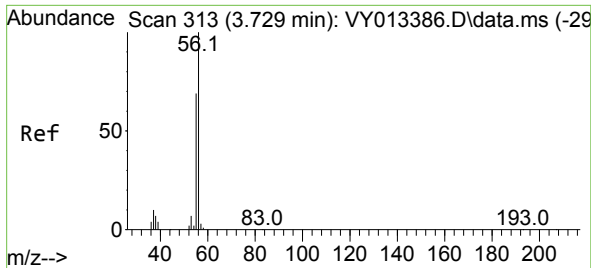
Tgt Ion: 59 Resp: 3367
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 4.873 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 96 Resp: 11835
Ion Ratio Lower Upper
96 100
61 170.8 123.9 185.9
98 65.7 48.9 73.3





#13

Acrolein

Concen: 26.817 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

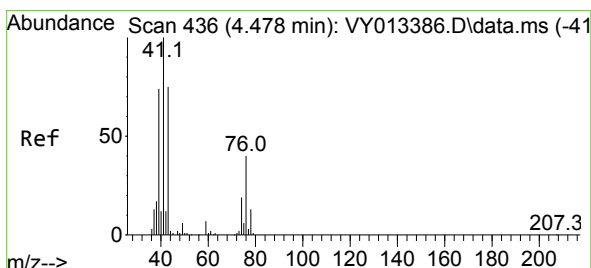
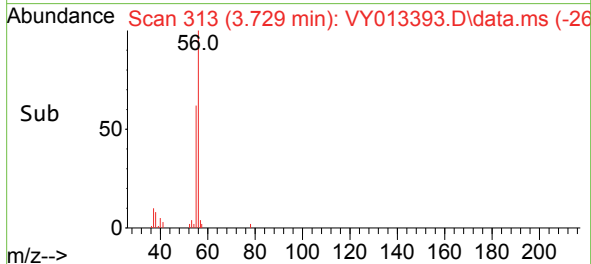
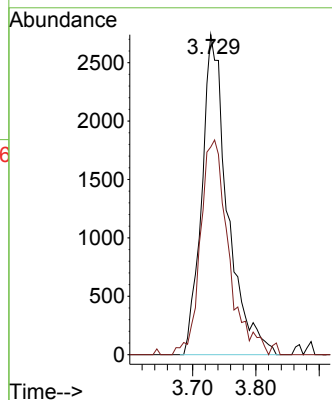
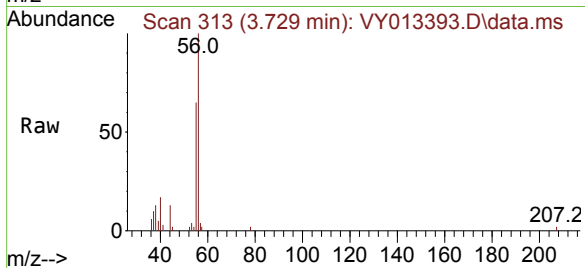
VSTDICC005

Tgt Ion: 56 Resp: 7771

Ion Ratio Lower Upper

56 100

55 72.7 54.1 81.1



#14

Allyl chloride

Concen: 4.691 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

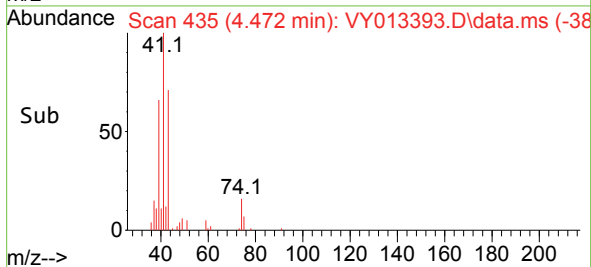
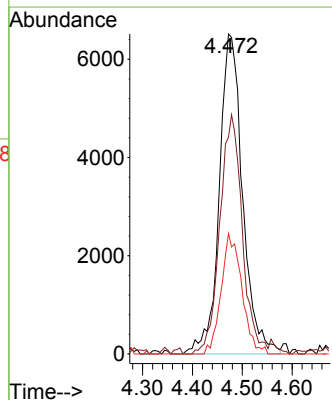
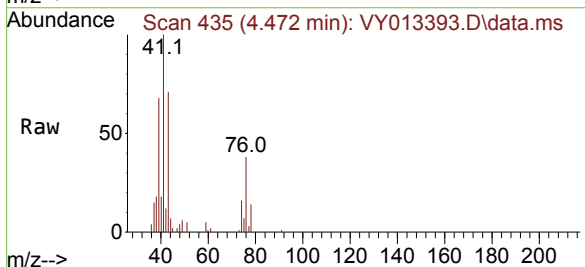
Tgt Ion: 41 Resp: 21139

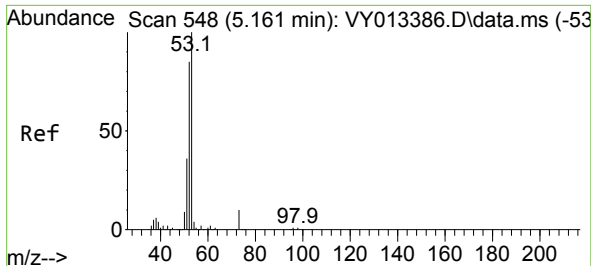
Ion Ratio Lower Upper

41 100

39 71.8 56.6 85.0

76 33.4 30.5 45.7

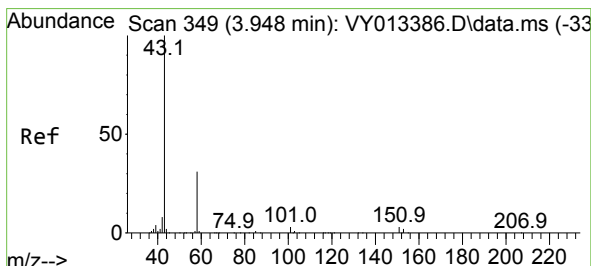
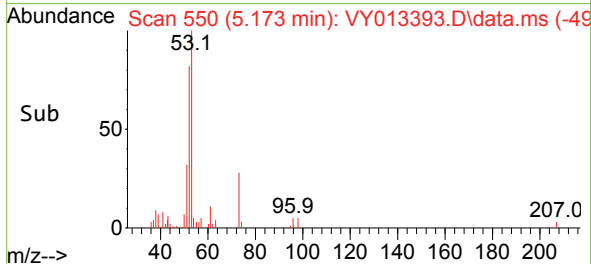
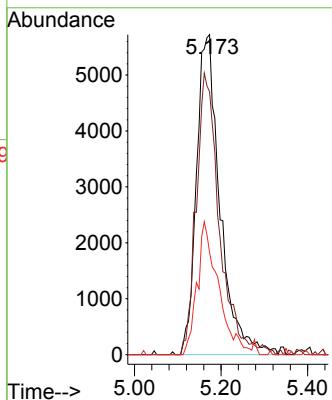
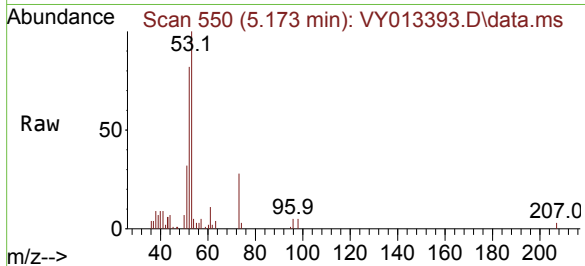




#15
Acrylonitrile
Concen: 25.248 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

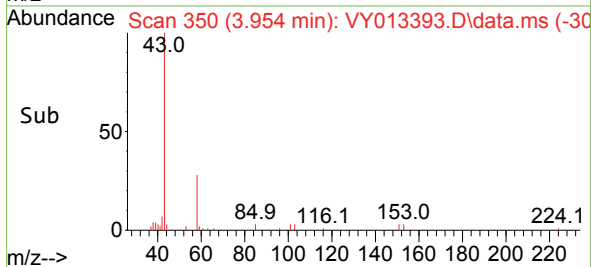
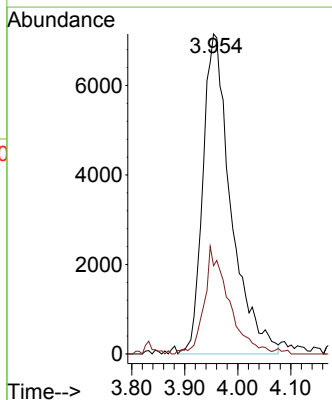
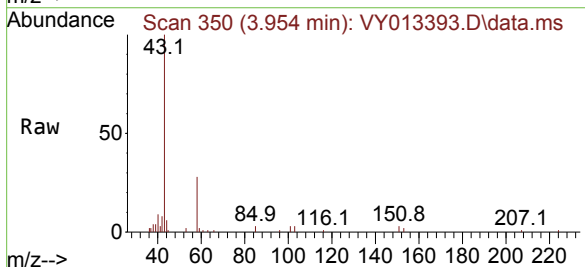
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

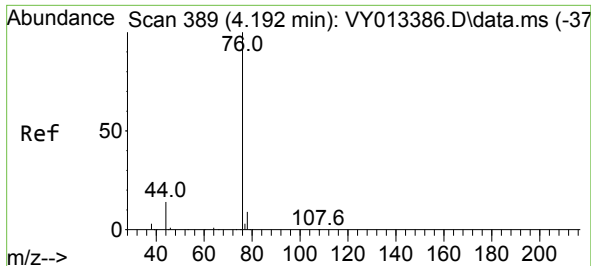
Tgt Ion: 53 Resp: 21627
Ion Ratio Lower Upper
53 100
52 85.4 65.4 98.0
51 37.4 29.3 43.9



#16
Acetone
Concen: 26.113 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 43 Resp: 26342
Ion Ratio Lower Upper
43 100
58 26.5 25.4 38.0

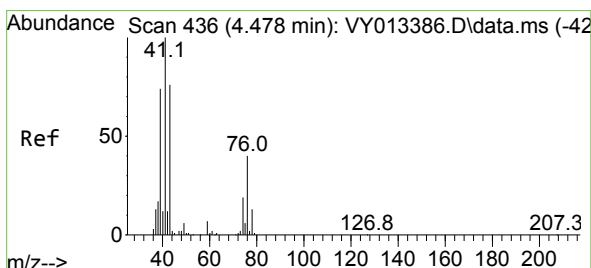
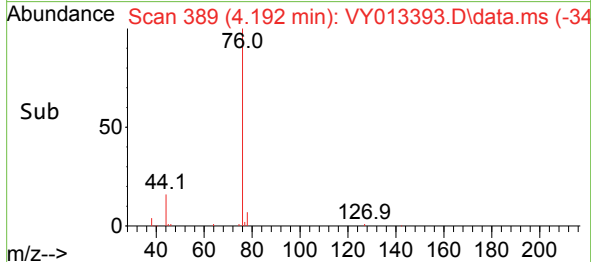
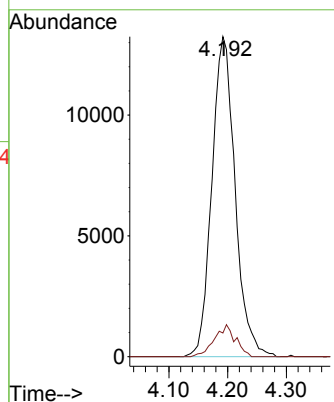
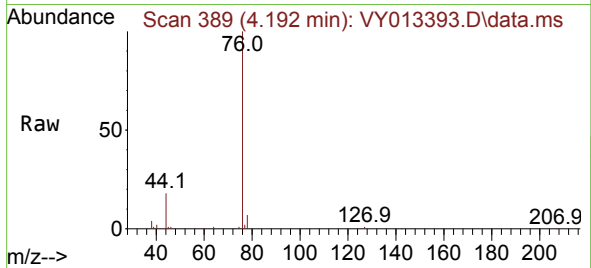




#17
Carbon Disulfide
Concen: 4.606 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

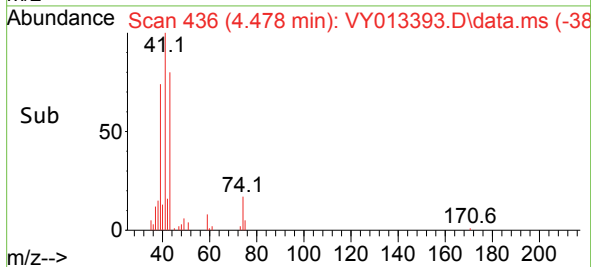
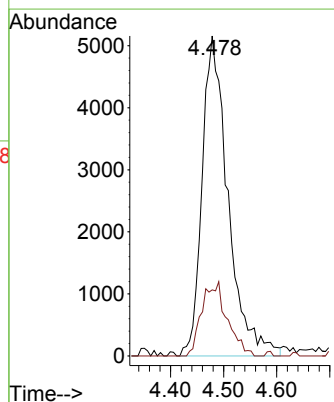
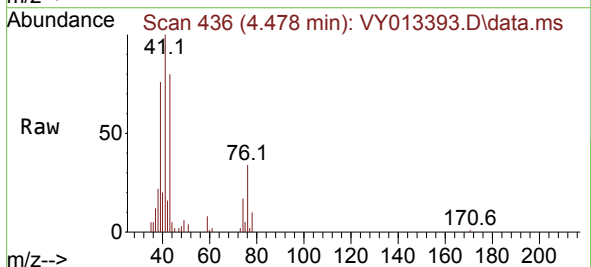
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

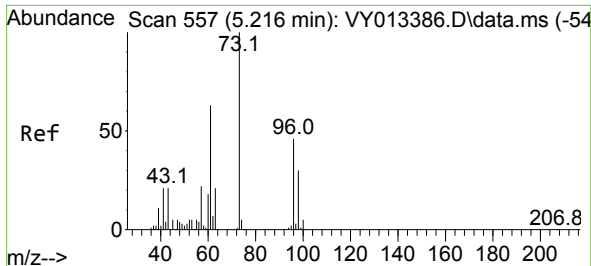
Tgt Ion: 76 Resp: 36336
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8



#18
Methyl Acetate
Concen: 5.251 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 43 Resp: 17495
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2

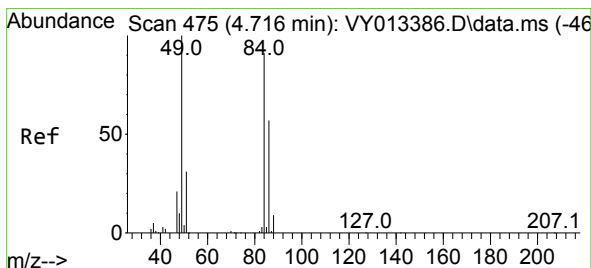
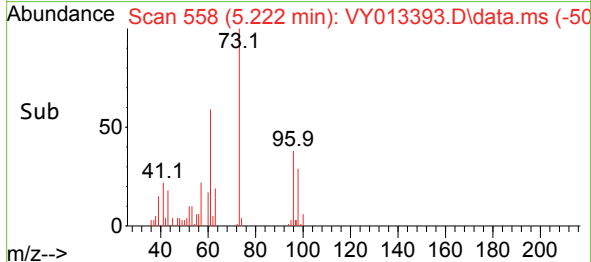
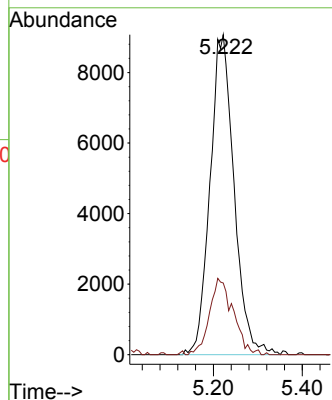
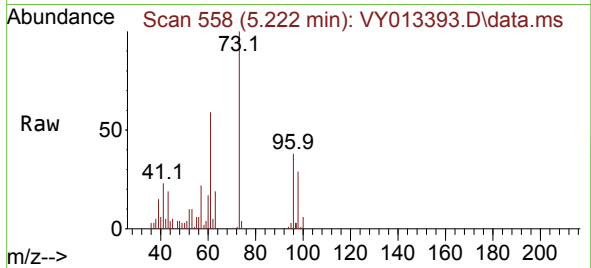




#19
Methyl tert-butyl Ether
Concen: 4.850 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

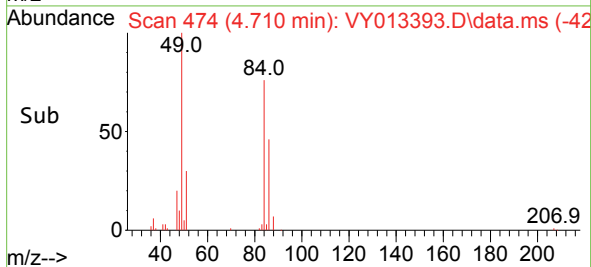
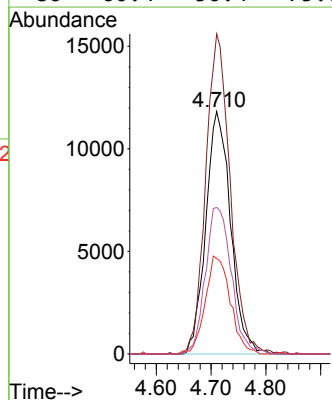
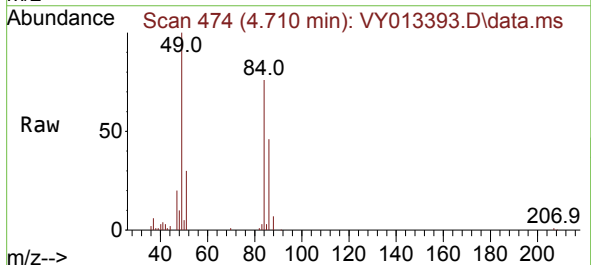
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

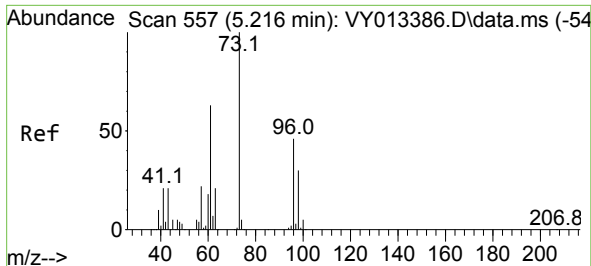
Tgt Ion: 73 Resp: 34001
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 4.371 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 84 Resp: 37143
Ion Ratio Lower Upper
84 100
49 132.0 88.0 132.0#
51 38.9 27.4 41.0
86 60.4 50.4 75.6

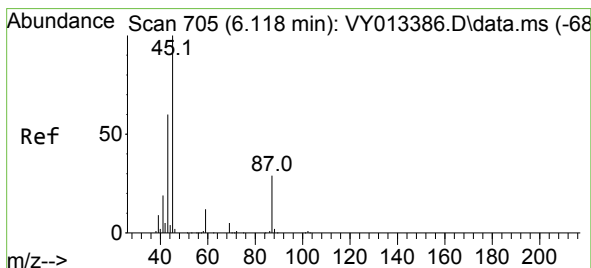
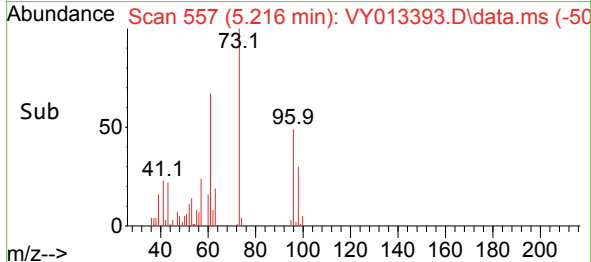
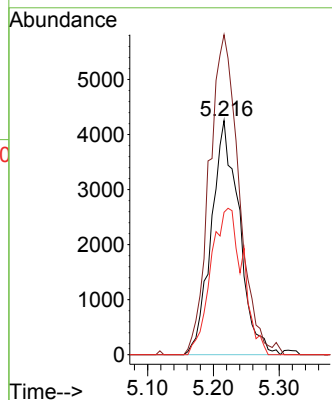
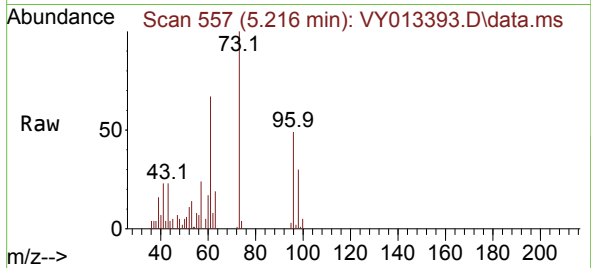




#21
trans-1,2-Dichloroethene
Concen: 4.717 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

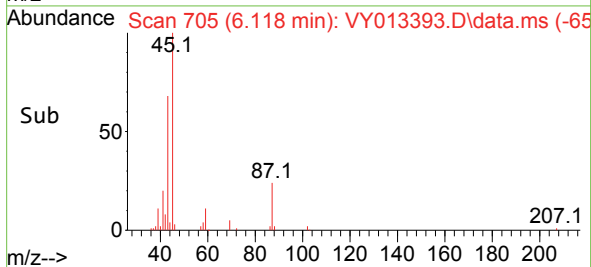
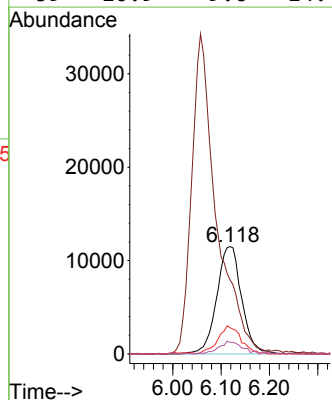
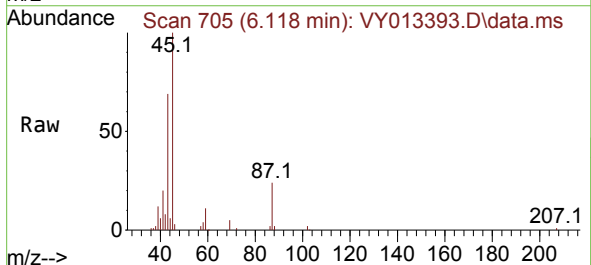
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

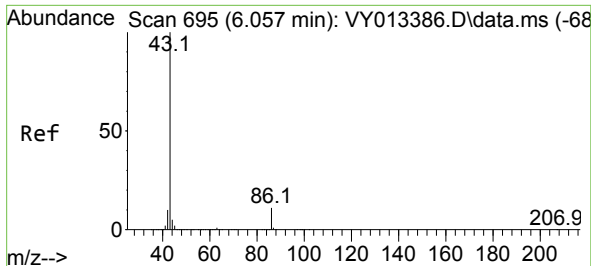
Tgt Ion: 96 Resp: 12526
Ion Ratio Lower Upper
96 100
61 136.7 110.6 165.8
98 60.8 53.1 79.7



#22
Diisopropyl ether
Concen: 4.651 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 45 Resp: 40965
Ion Ratio Lower Upper
45 100
43 66.2 48.4 72.6
87 24.4 23.8 35.6
59 10.9 9.6 14.4

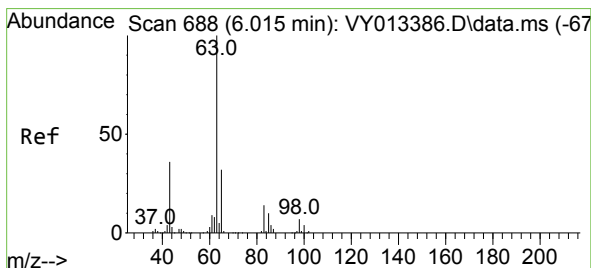
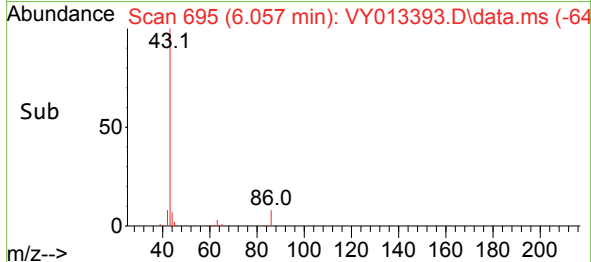
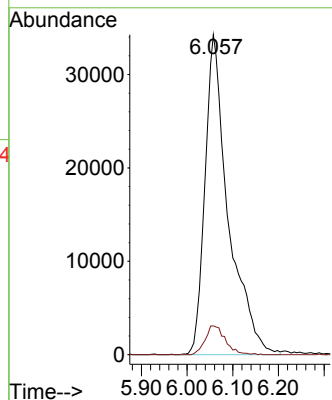
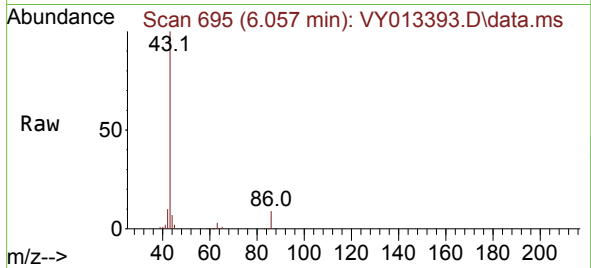




#23
 Vinyl Acetate
 Concen: 24.191 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013393.D
 Acq: 24 Apr 2023 11:26

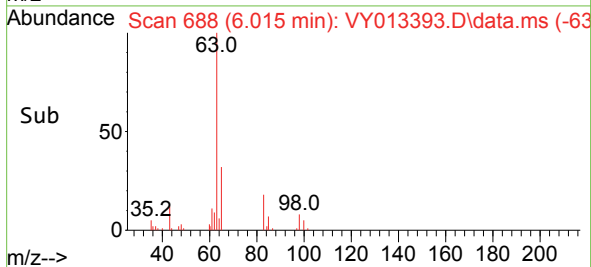
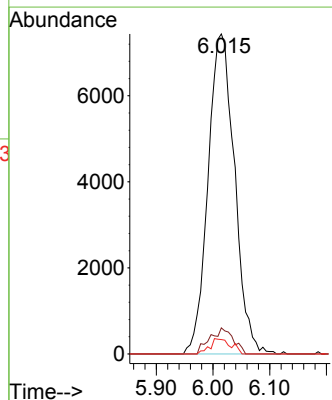
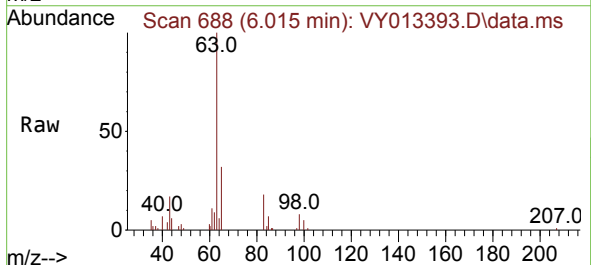
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

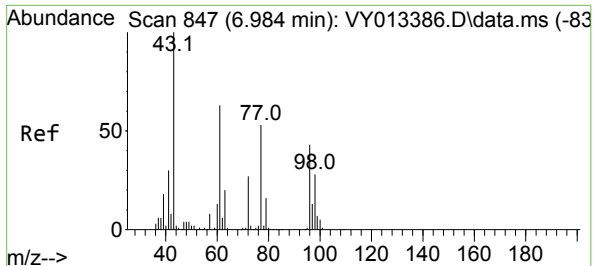
Tgt Ion: 43 Resp: 121549
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 4.920 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013393.D
 Acq: 24 Apr 2023 11:26

Tgt Ion: 63 Resp: 24150
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 24.851 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

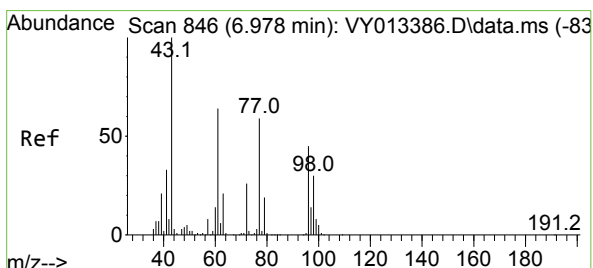
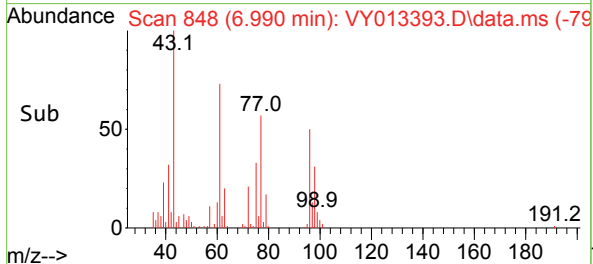
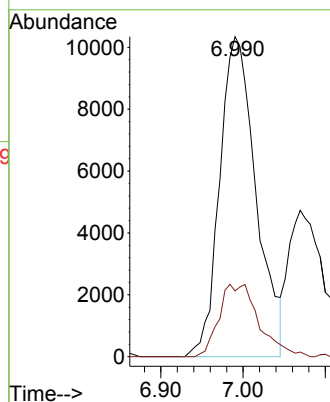
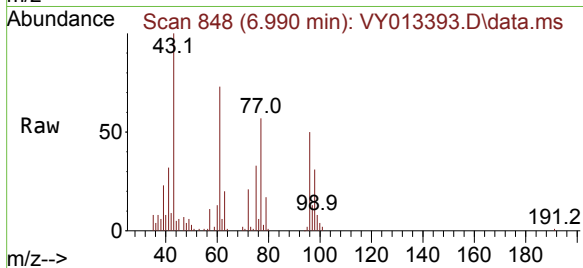
VSTDICC005

Tgt Ion: 43 Resp: 31792

Ion Ratio Lower Upper

43 100

72 20.6 21.9 32.9#



#26

2,2-Dichloropropane

Concen: 4.837 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013393.D

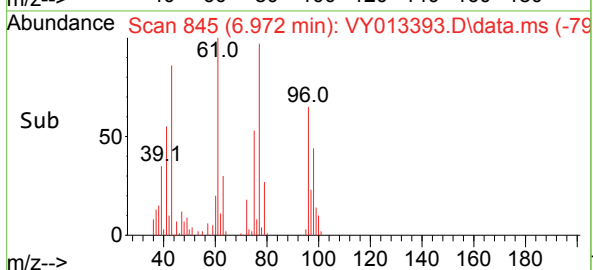
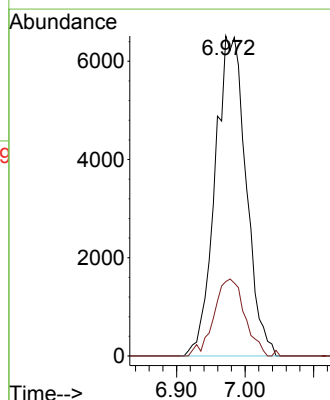
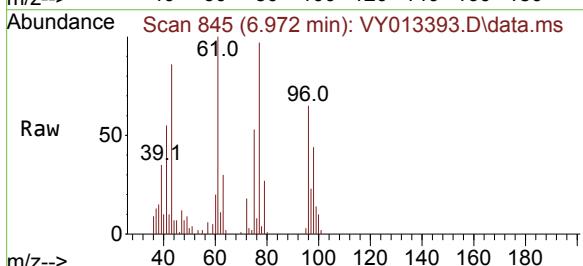
Acq: 24 Apr 2023 11:26

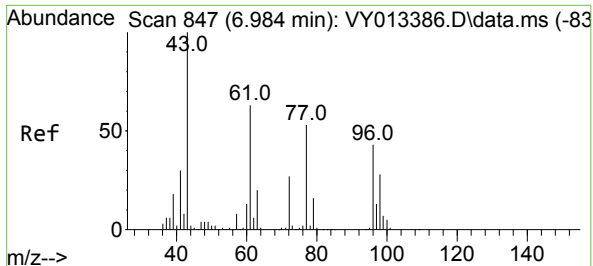
Tgt Ion: 77 Resp: 20459

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 4.898 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

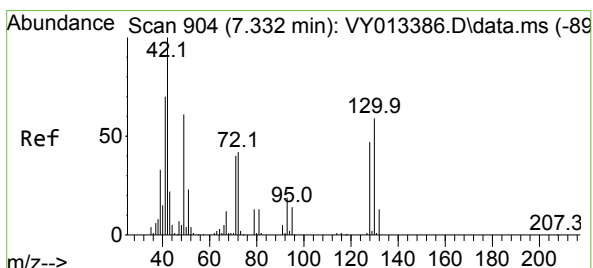
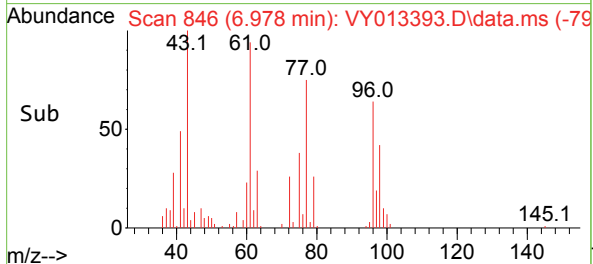
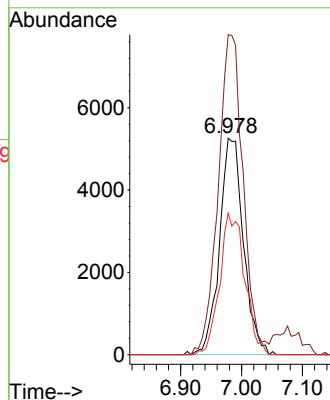
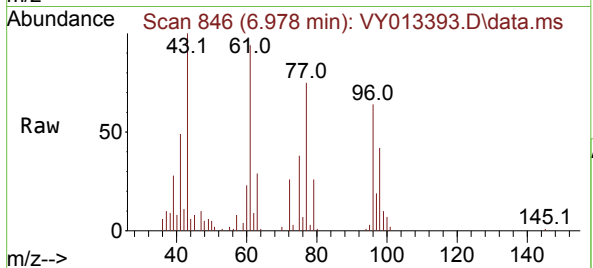
Tgt Ion: 96 Resp: 14368

Ion Ratio Lower Upper

96 100

61 154.3 0.0 285.0

98 68.2 0.0 130.6



#28

Bromochloromethane

Concen: 4.905 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.007 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

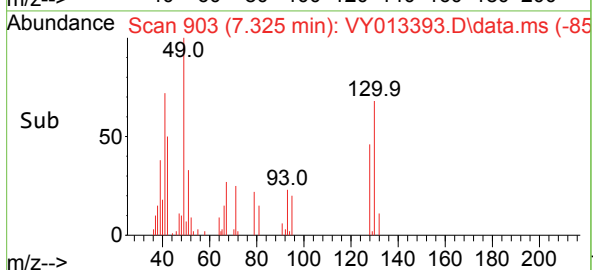
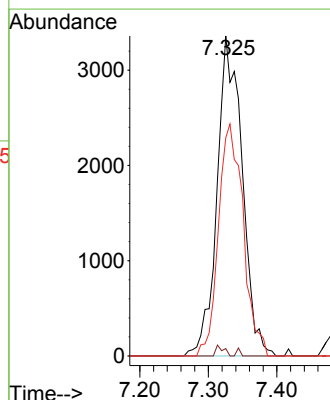
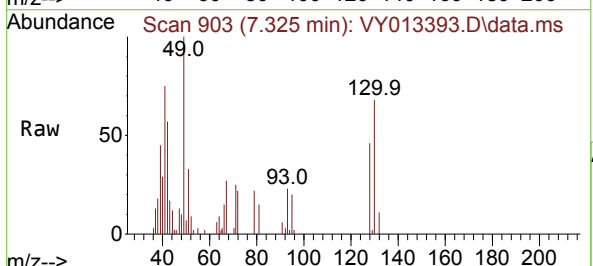
Tgt Ion: 49 Resp: 8544

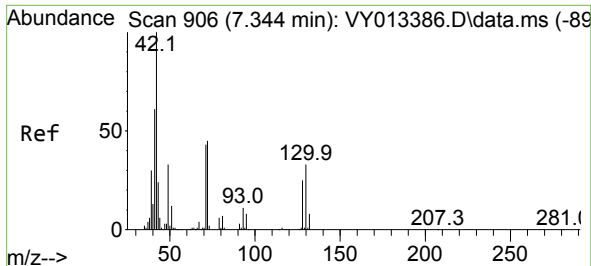
Ion Ratio Lower Upper

49 100

129 0.4 0.0 5.2

130 71.3 72.1 108.1#





#29

Tetrahydrofuran

Concen: 23.444 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

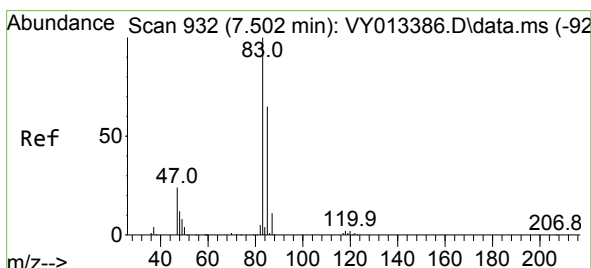
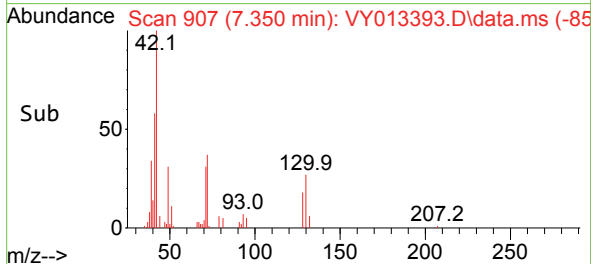
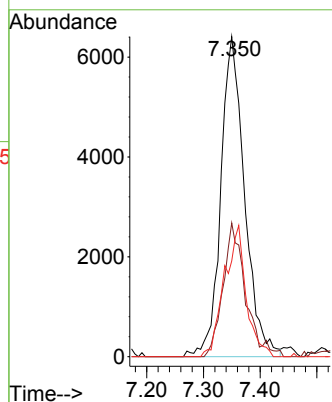
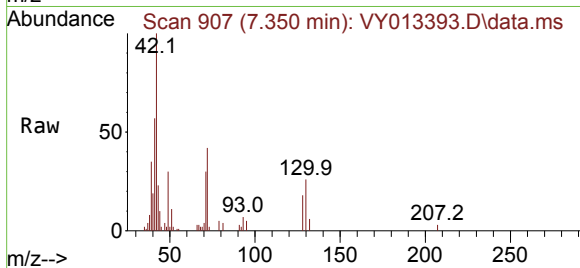
Tgt Ion: 42 Resp: 18670

Ion Ratio Lower Upper

42 100

72 39.4 35.9 53.9

71 37.6 34.3 51.5



#30

Chloroform

Concen: 4.947 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013393.D

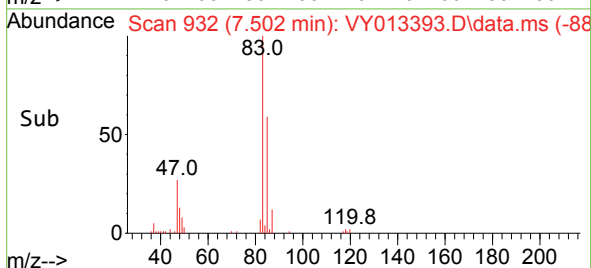
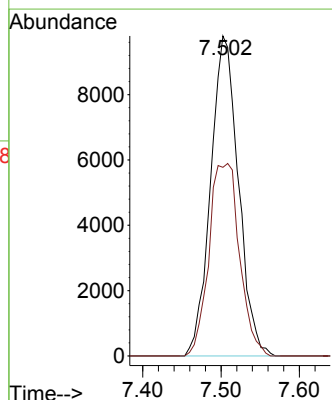
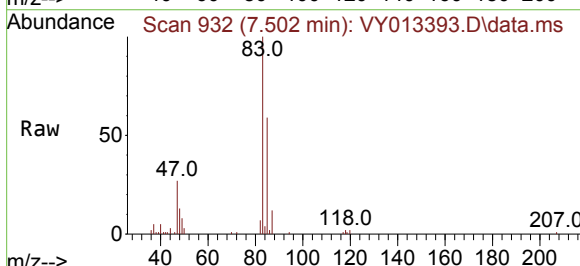
Acq: 24 Apr 2023 11:26

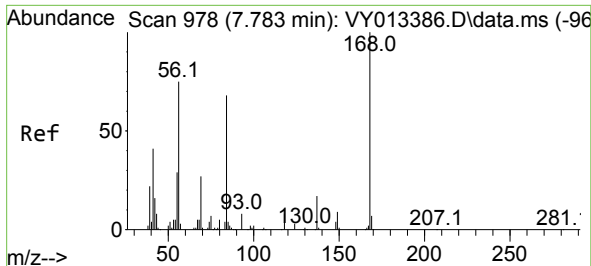
Tgt Ion: 83 Resp: 24143

Ion Ratio Lower Upper

83 100

85 59.0 52.0 78.0

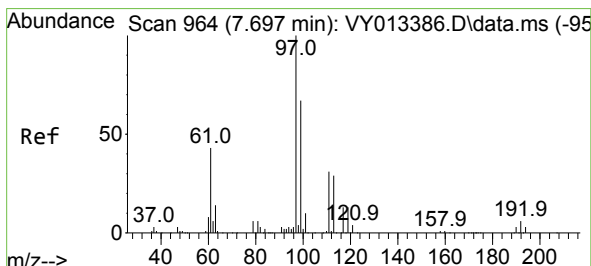
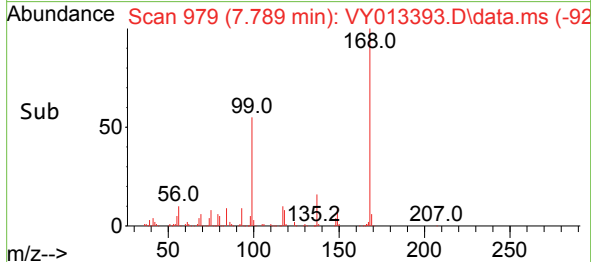
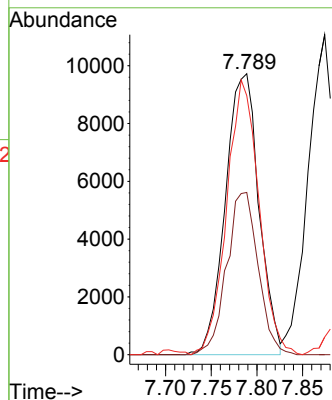
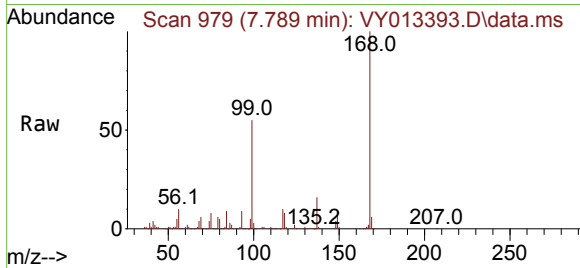




#31
Cyclohexane
Concen: 5.410 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

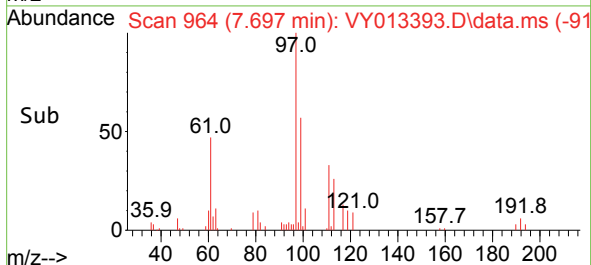
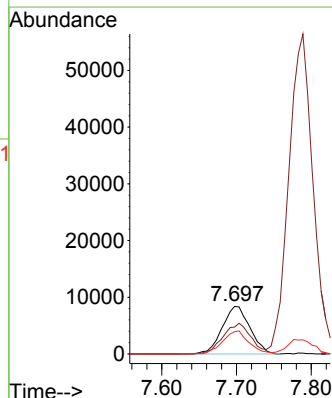
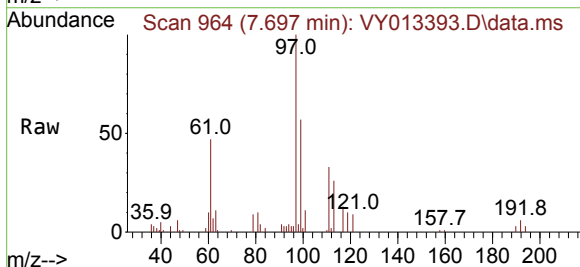
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

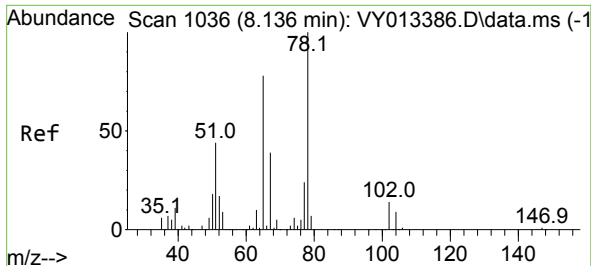
Tgt Ion: 56 Resp: 24810
Ion Ratio Lower Upper
56 100
69 57.7 29.2 43.8#
84 91.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 4.971 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 97 Resp: 21649
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 45.7 33.8 50.8

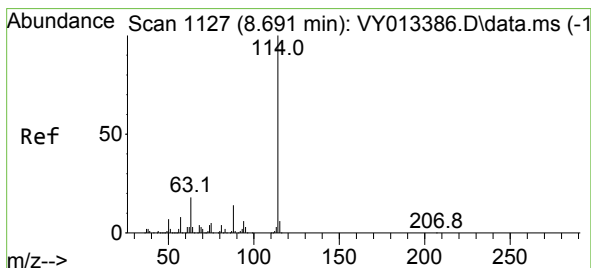
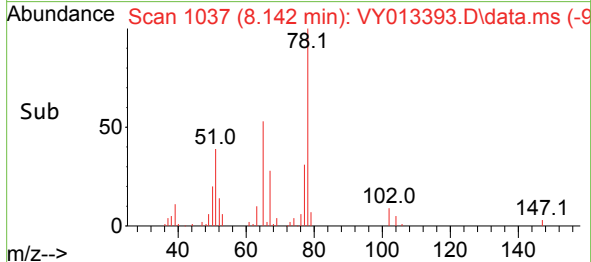
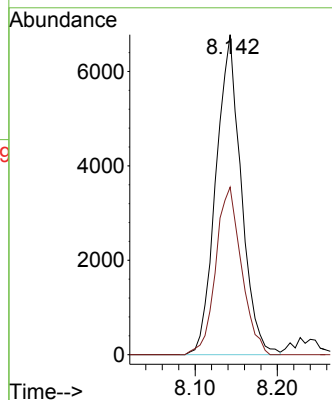
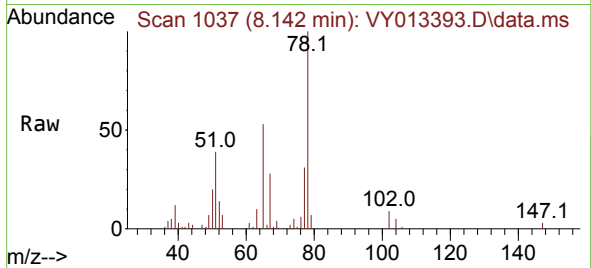




#33
 1,2-Dichloroethane-d4
 Concen: 5.649 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY013393.D
 Acq: 24 Apr 2023 11:26

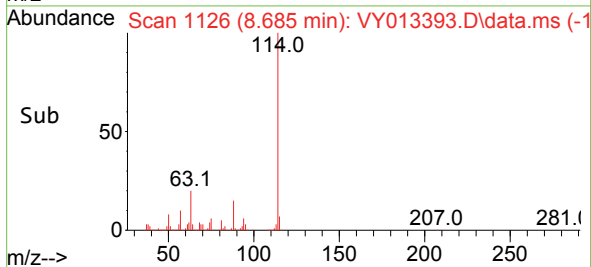
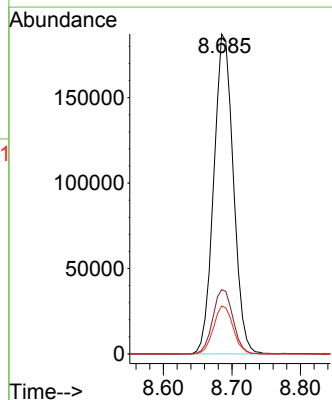
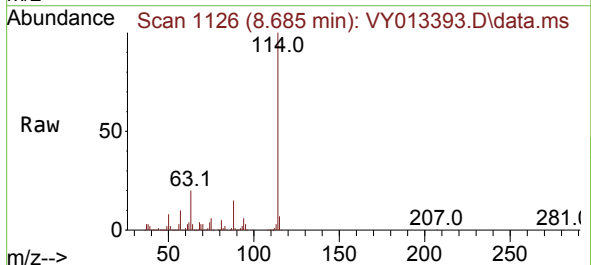
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

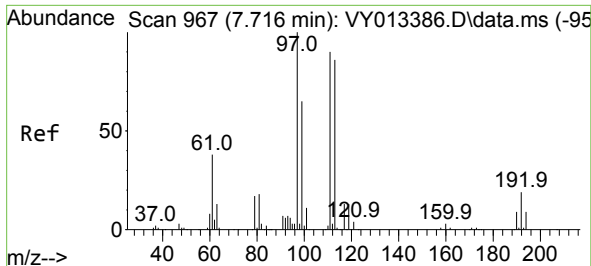
Tgt Ion: 65 Resp: 14471
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013393.D
 Acq: 24 Apr 2023 11:26

Tgt Ion:114 Resp: 371045
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 36.6
 88 15.0 0.0 28.8

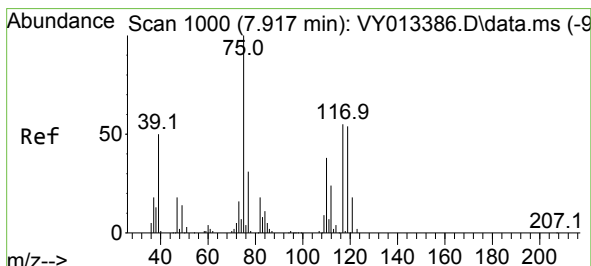
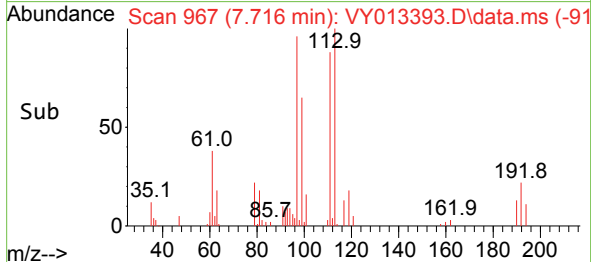
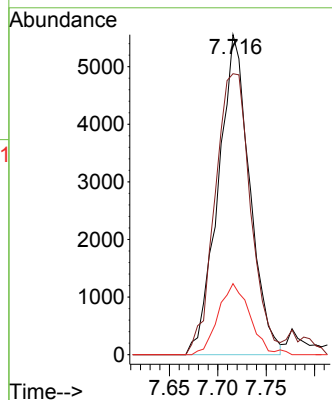
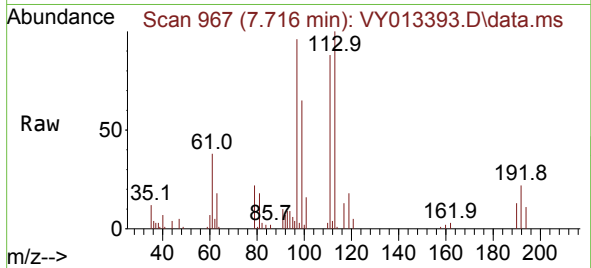




#35
Dibromofluoromethane
Concen: 5.400 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

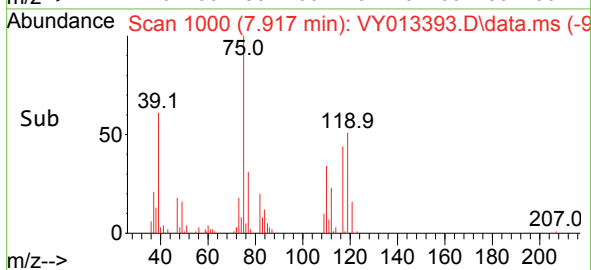
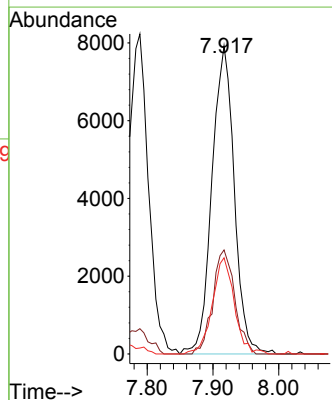
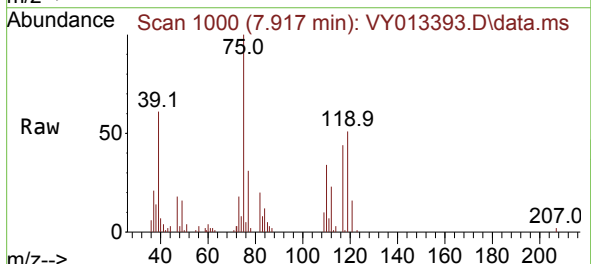
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

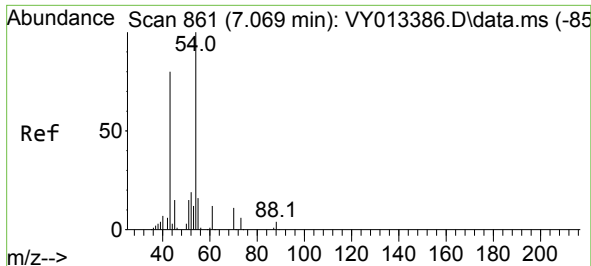
Tgt Ion:113 Resp: 12602
Ion Ratio Lower Upper
113 100
111 99.1 82.2 123.2
192 22.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 75 Resp: 18725
Ion Ratio Lower Upper
75 100
110 33.3 18.7 56.1
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 4.823 ug/l

RT: 7.069 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

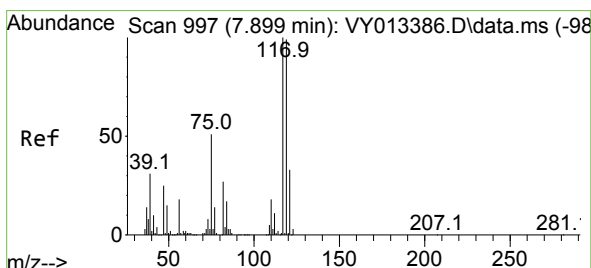
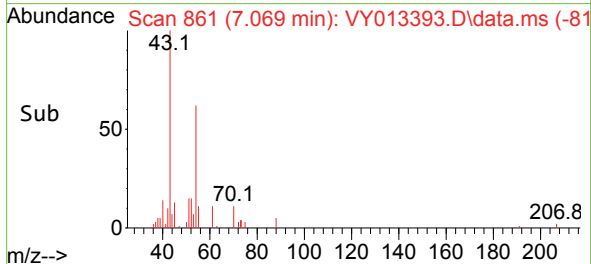
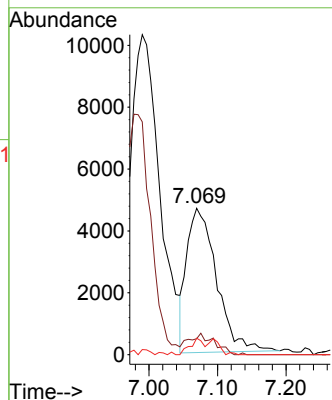
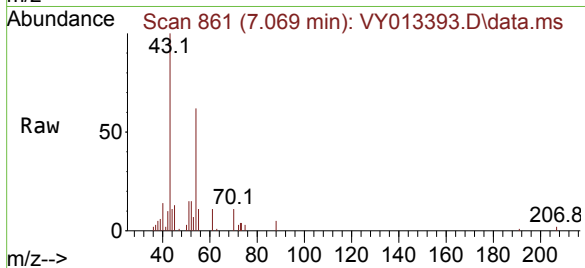
Tgt Ion: 43 Resp: 14056

Ion Ratio Lower Upper

43 100

61 12.8 11.4 17.0

70 5.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 4.759 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

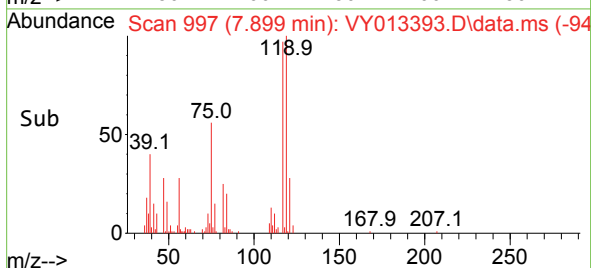
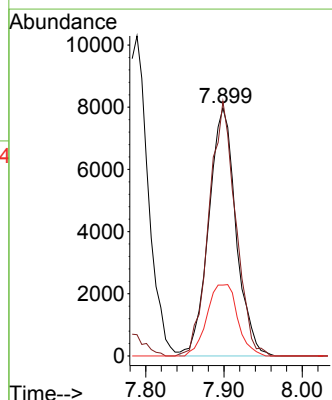
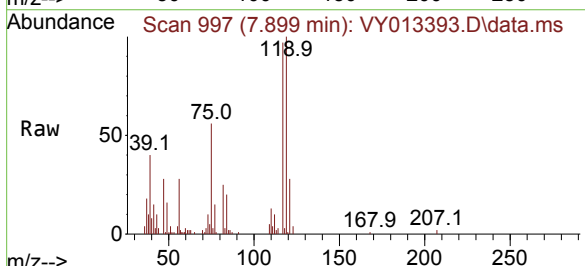
Tgt Ion: 117 Resp: 19319

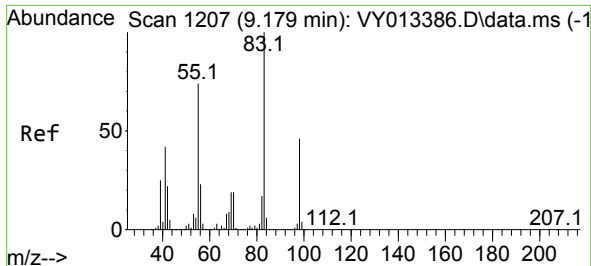
Ion Ratio Lower Upper

117 100

119 102.7 79.0 118.6

121 28.6 26.6 40.0





#39

Methylcyclohexane

Concen: 4.598 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

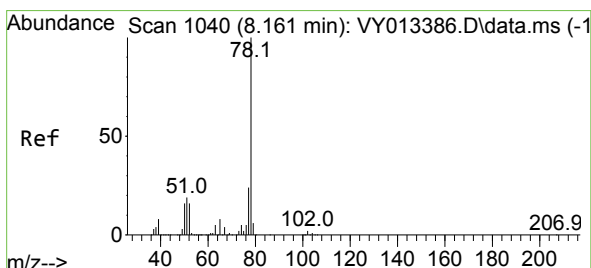
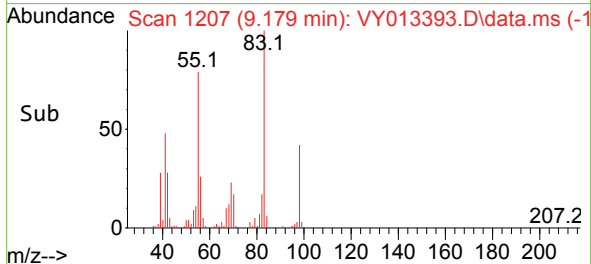
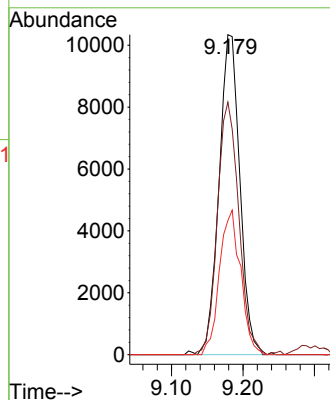
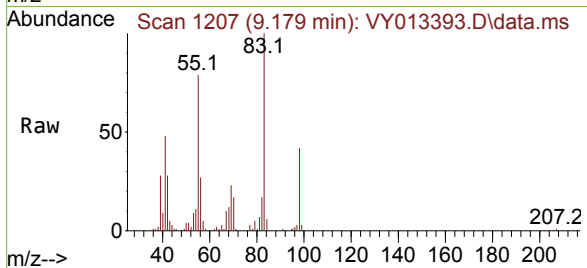
Tgt Ion: 83 Resp: 20996

Ion Ratio Lower Upper

83 100

55 78.9 59.0 88.4

98 41.9 37.0 55.4



#40

Benzene

Concen: 4.889 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013393.D

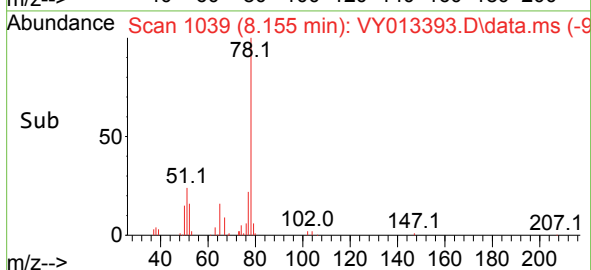
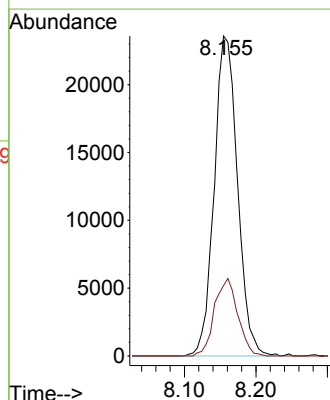
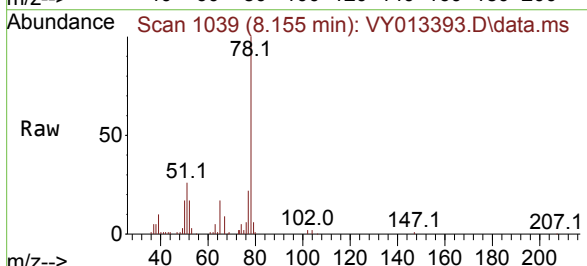
Acq: 24 Apr 2023 11:26

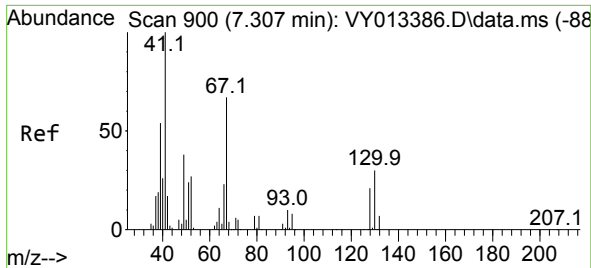
Tgt Ion: 78 Resp: 53338

Ion Ratio Lower Upper

78 100

77 22.0 19.2 28.8

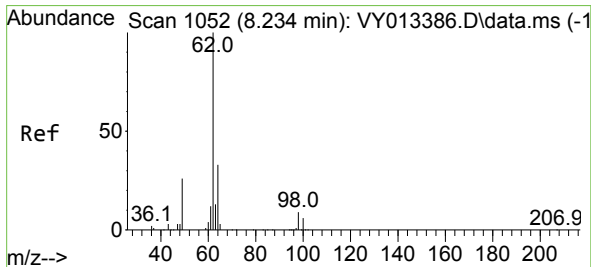
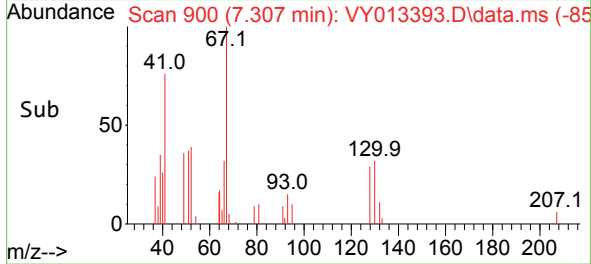
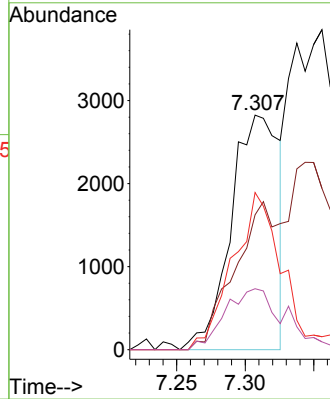
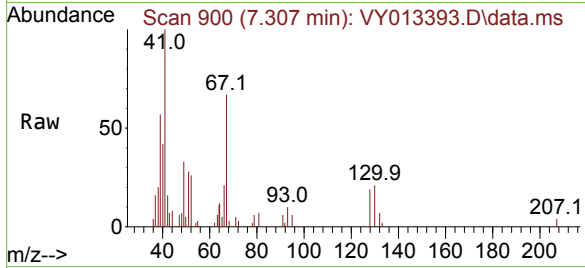




#41
Methacrylonitrile
Concen: 5.060 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

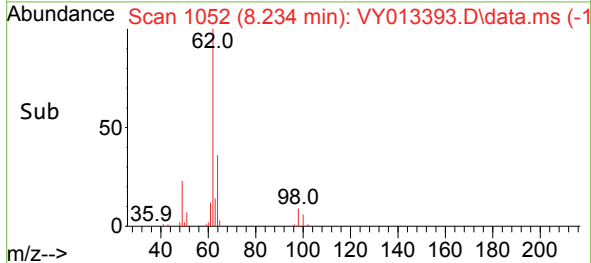
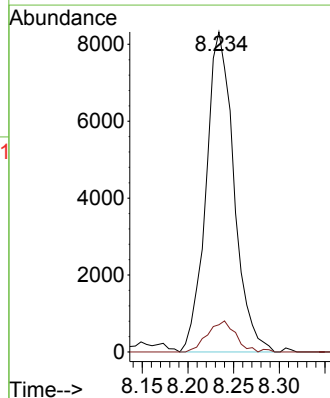
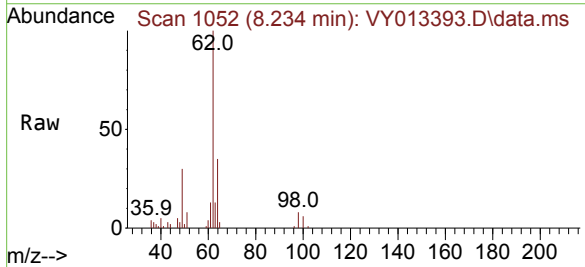
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

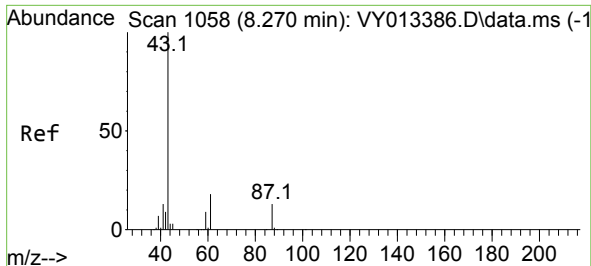
Tgt Ion:	41	Resp:	6888
Ion	Ratio	Lower	Upper
41	100		
39	49.9	44.2	66.4
67	68.9	62.9	94.3
52	32.2	26.4	39.6



#42
1,2-Dichloroethane
Concen: 4.952 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion:	62	Resp:	17663
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.8

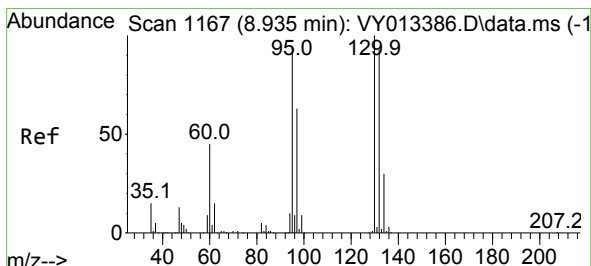
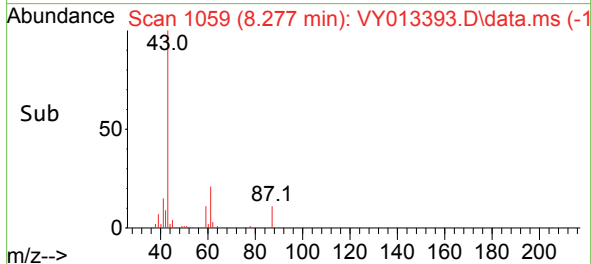
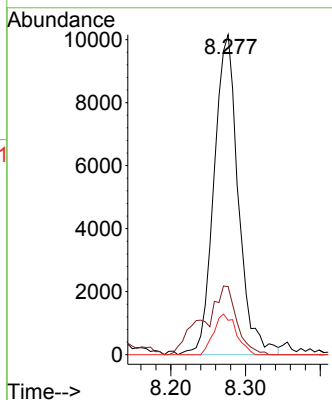
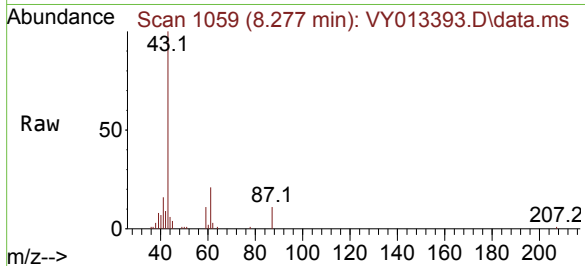




#43
Isopropyl Acetate
Concen: 4.669 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.007 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

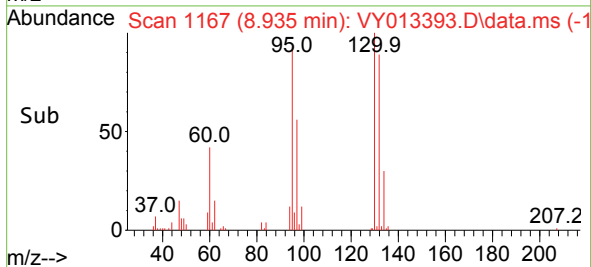
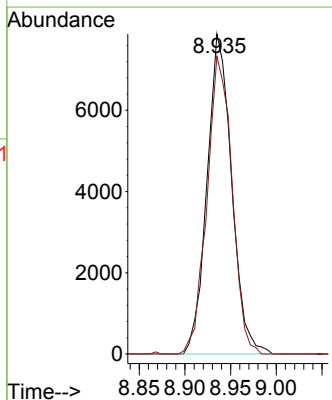
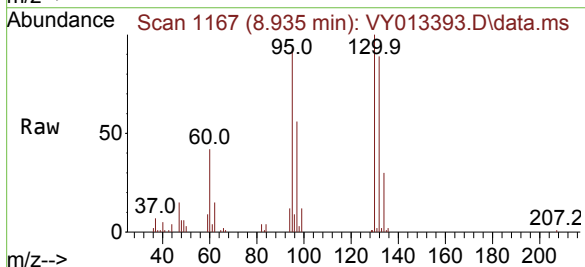
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

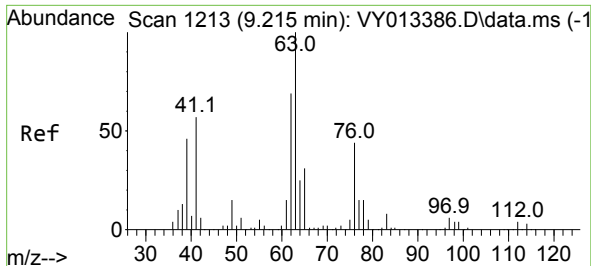
Tgt Ion:	43	Resp:	22971
Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.2	33.4
87	11.8	11.0	16.6



#44
Trichloroethene
Concen: 5.080 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion:	130	Resp:	14744
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	188.8





#45

1,2-Dichloropropane

Concen: 4.847 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

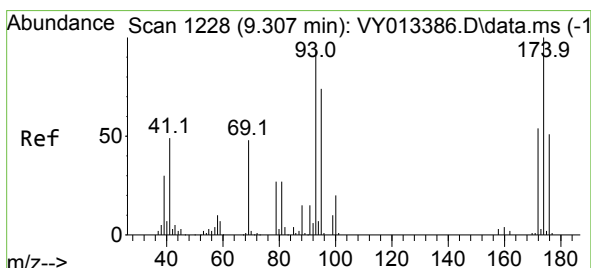
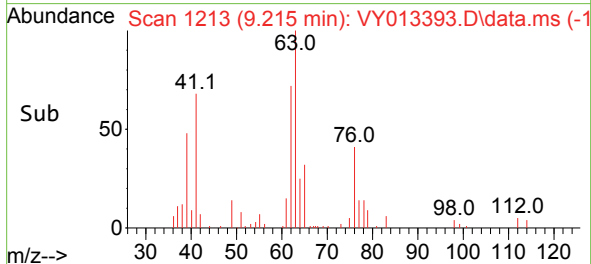
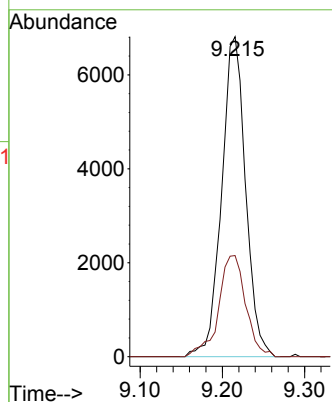
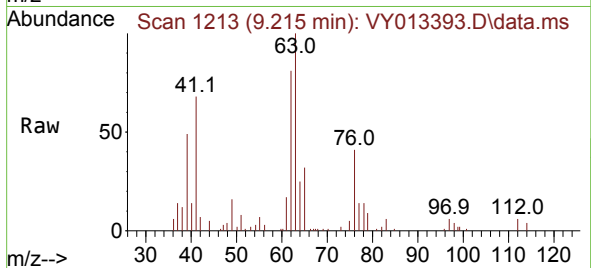
VSTDICC005

Tgt Ion: 63 Resp: 13826

Ion Ratio Lower Upper

63 100

65 31.6 24.6 37.0



#46

Dibromomethane

Concen: 5.025 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

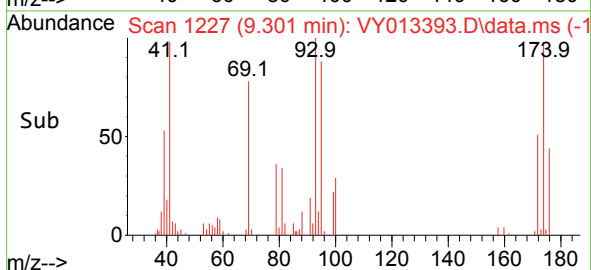
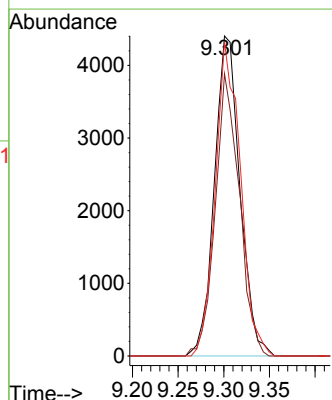
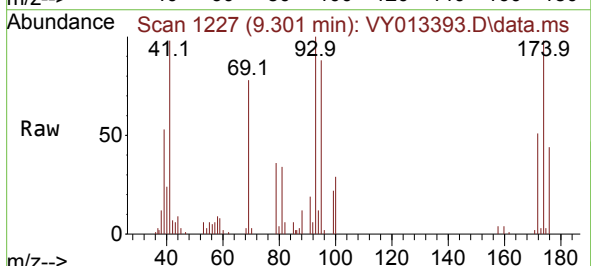
Tgt Ion: 93 Resp: 8576

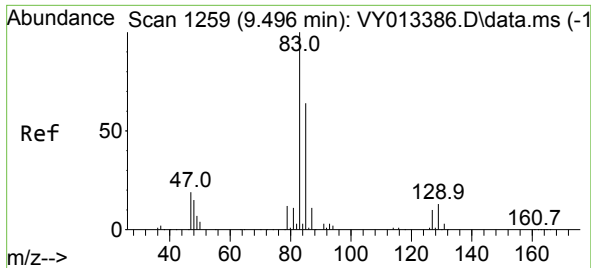
Ion Ratio Lower Upper

93 100

95 83.2 67.1 100.7

174 96.6 87.0 130.4

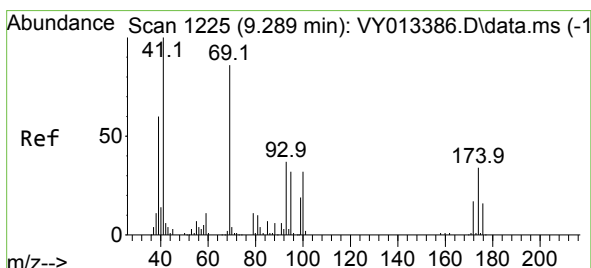
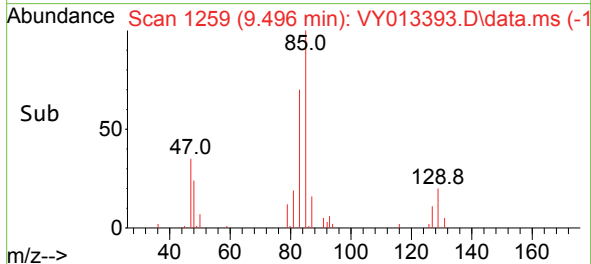
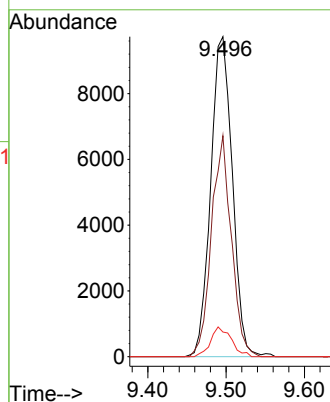
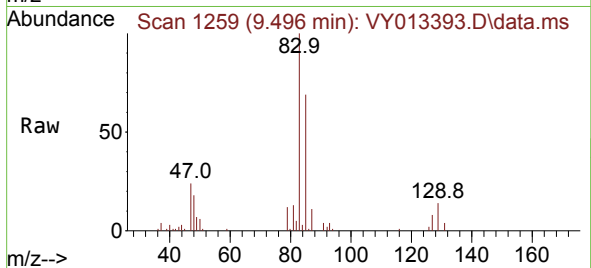




#47
Bromodichloromethane
Concen: 4.888 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

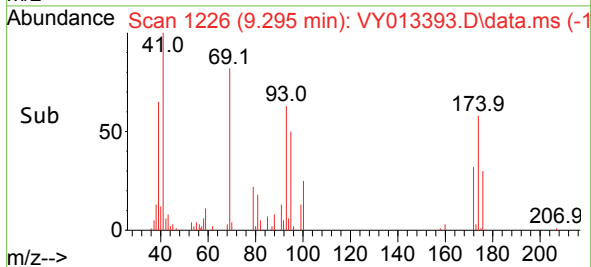
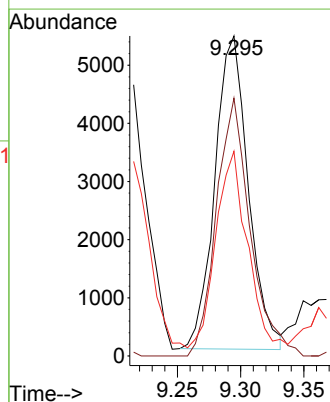
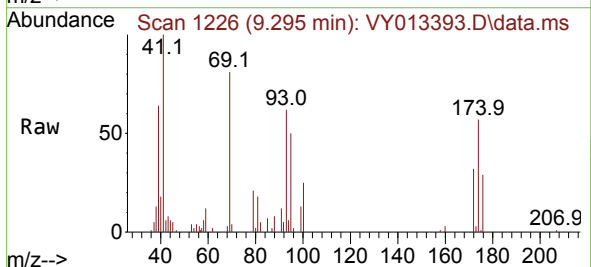
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

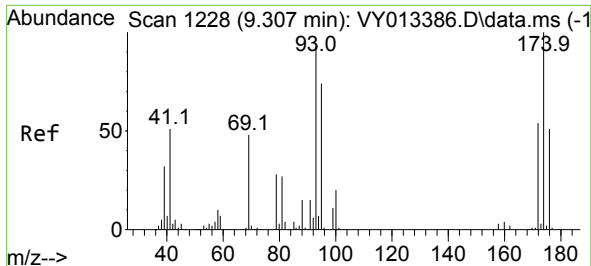
Tgt Ion: 83 Resp: 18668
Ion Ratio Lower Upper
83 100
85 69.1 51.4 77.2
127 7.7 8.1 12.1#



#48
Methyl methacrylate
Concen: 4.383 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 41 Resp: 9904
Ion Ratio Lower Upper
41 100
69 83.5 70.2 105.4
39 60.0 47.9 71.9





#49

1,4-Dioxane

Concen: 96.526 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

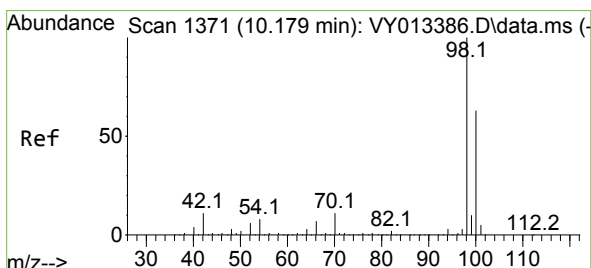
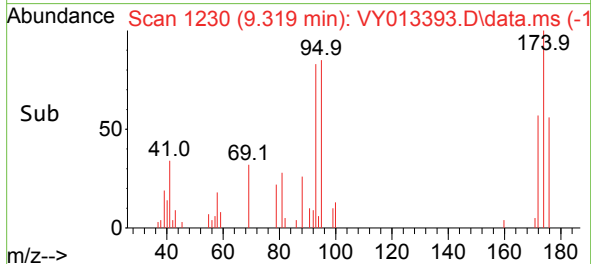
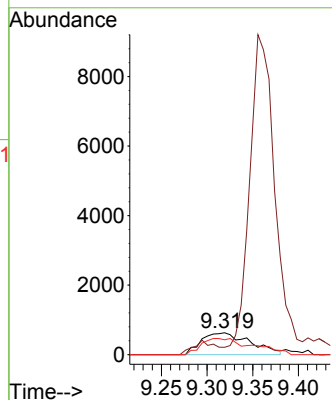
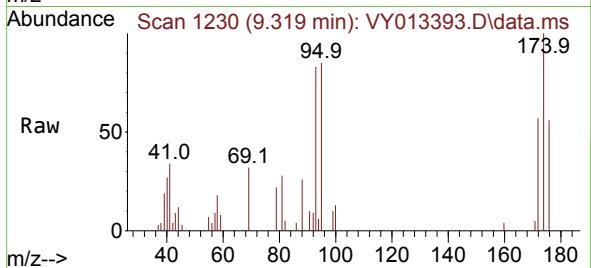
Tgt Ion: 88 Resp: 2353

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 57.2 54.3 81.5



#50

Toluene-d8

Concen: 5.248 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013393.D

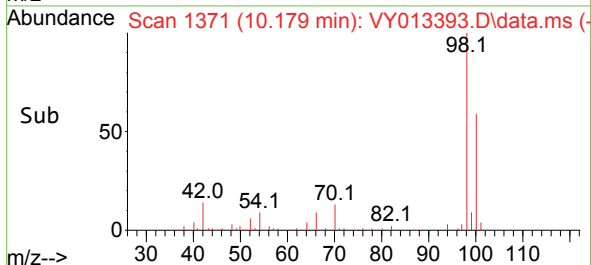
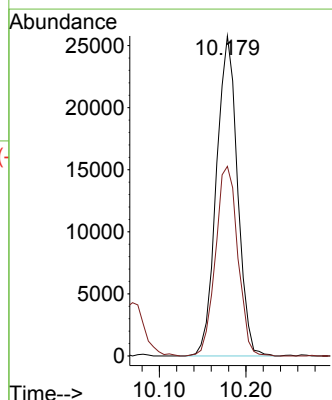
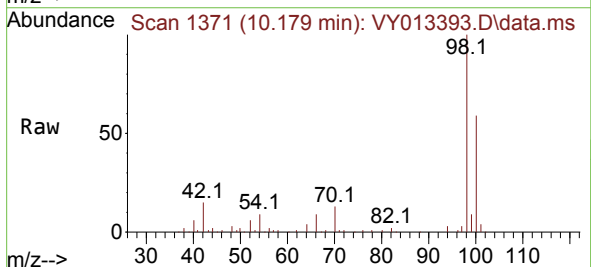
Acq: 24 Apr 2023 11:26

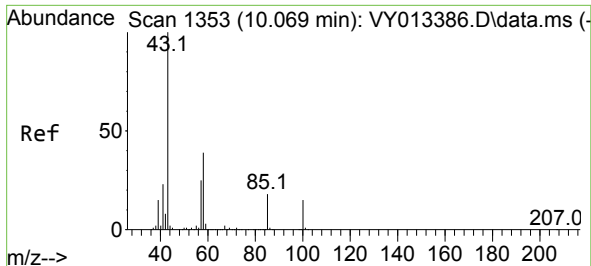
Tgt Ion: 98 Resp: 43566

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7

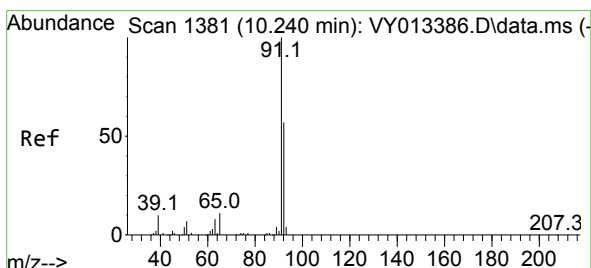
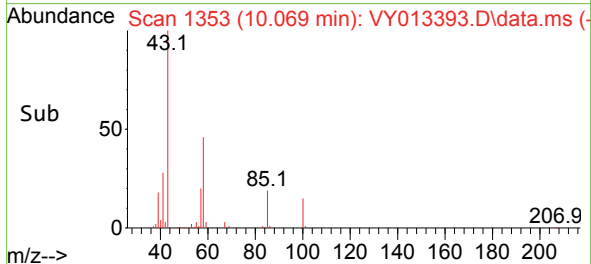
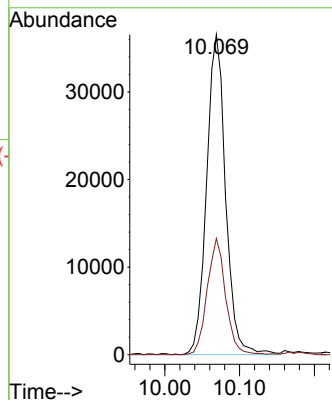
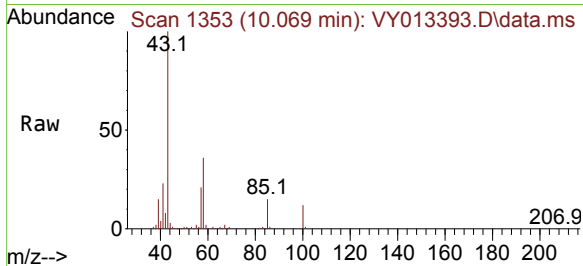




#51
4-Methyl-2-Pentanone
Concen: 23.565 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

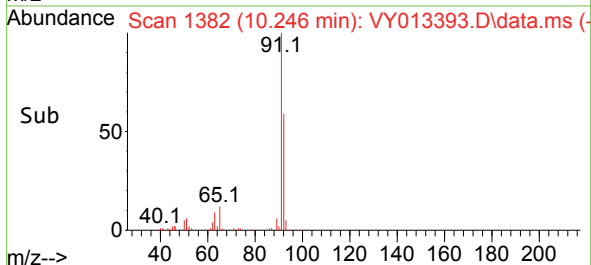
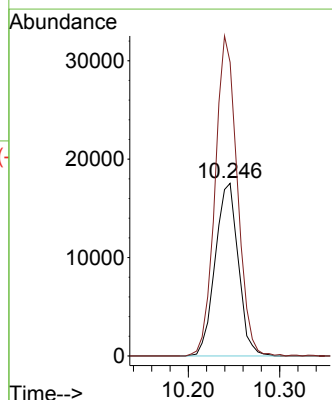
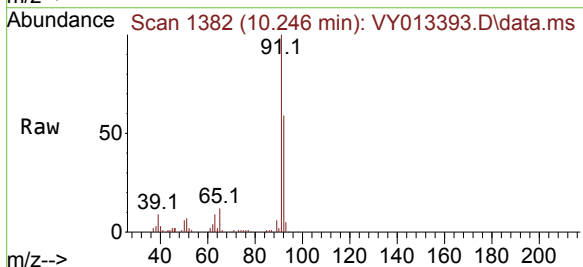
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

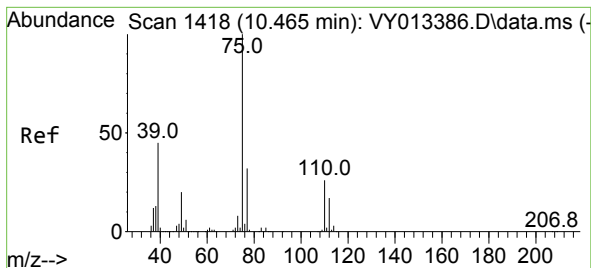
Tgt Ion: 43 Resp: 64601
Ion Ratio Lower Upper
43 100
58 35.1 30.6 46.0



#52
Toluene
Concen: 4.692 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 92 Resp: 30806
Ion Ratio Lower Upper
92 100
91 178.5 140.2 210.4

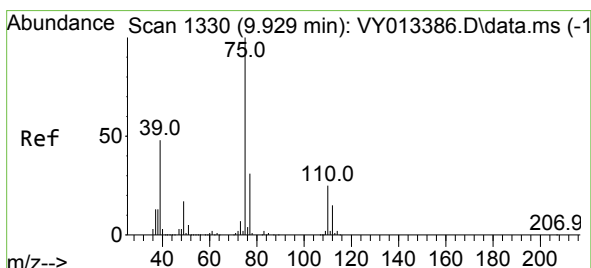
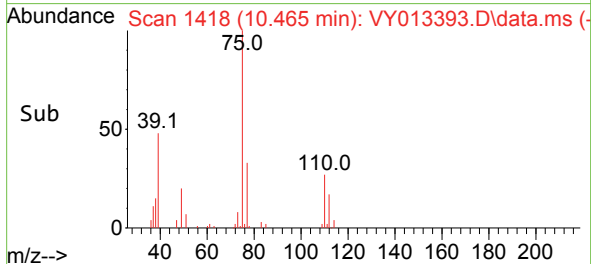
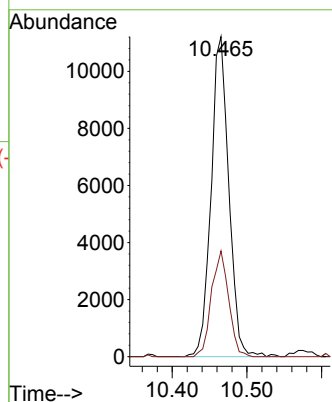
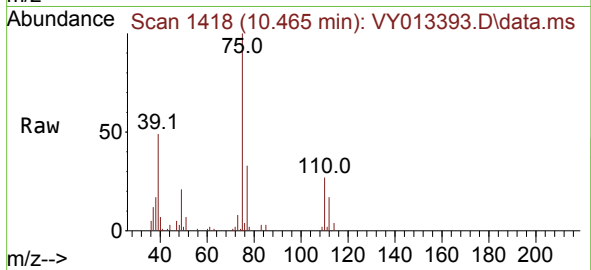




#53
t-1,3-Dichloropropene
Concen: 4.579 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

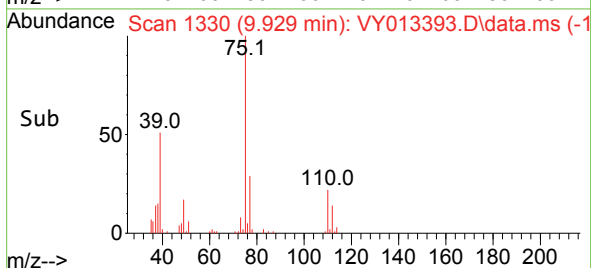
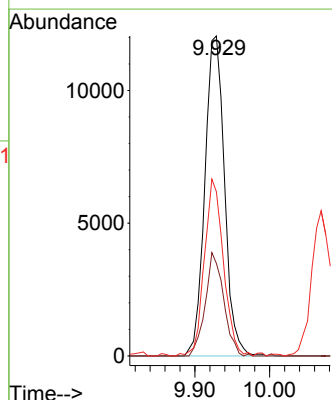
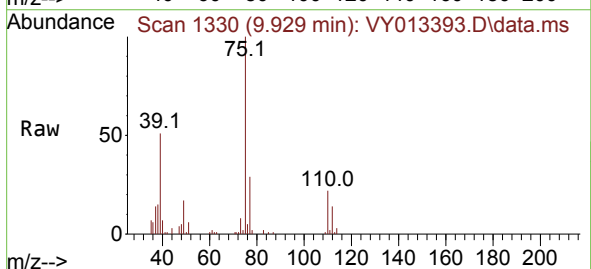
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

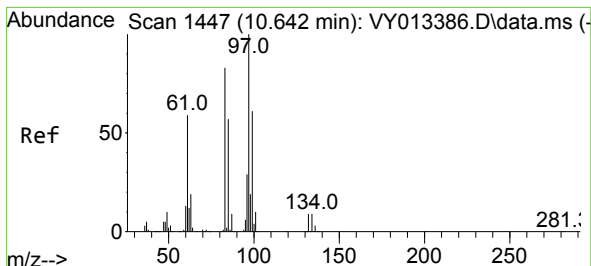
Tgt Ion: 75 Resp: 18508
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 4.852 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 75 Resp: 22070
Ion Ratio Lower Upper
75 100
77 28.9 24.8 37.2
39 50.9 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 5.102 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013393.D

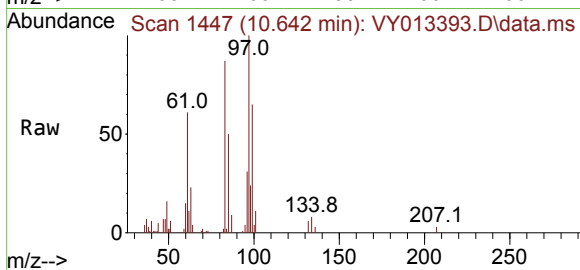
Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005



Tgt Ion: 97 Resp: 11533

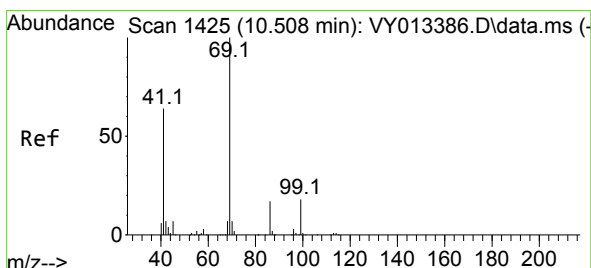
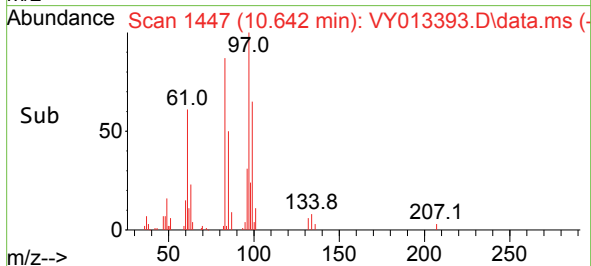
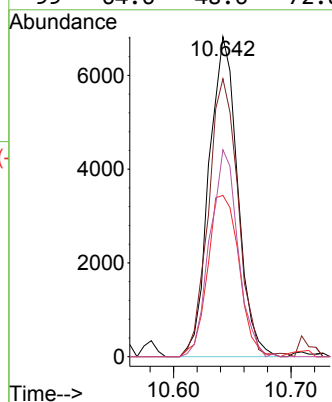
Ion Ratio Lower Upper

97 100

83 86.8 66.4 99.6

85 50.4 45.6 68.4

99 64.6 48.6 72.8



#56

Ethyl methacrylate

Concen: 4.265 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

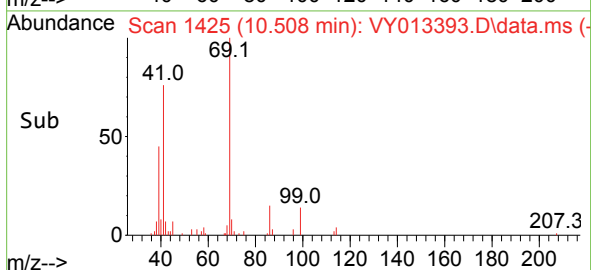
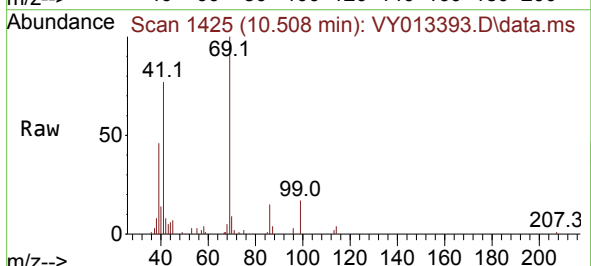
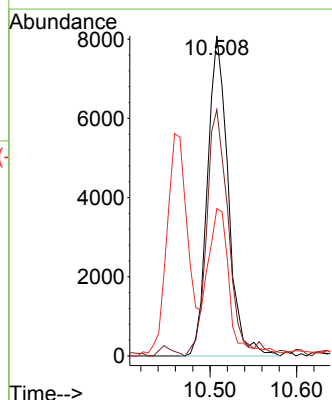
Tgt Ion: 69 Resp: 13375

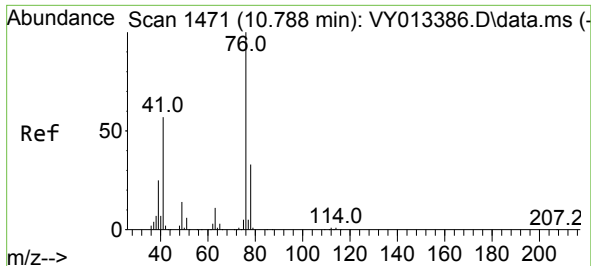
Ion Ratio Lower Upper

69 100

41 79.4 51.4 77.0#

39 44.9 29.0 43.6#





#57

1,3-Dichloropropane

Concen: 5.028 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

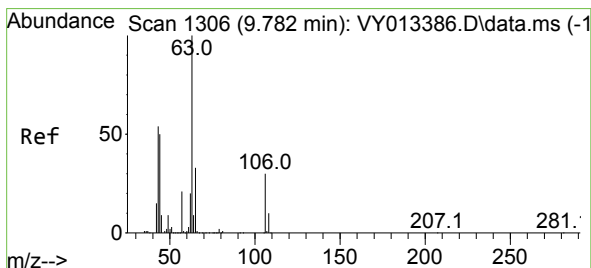
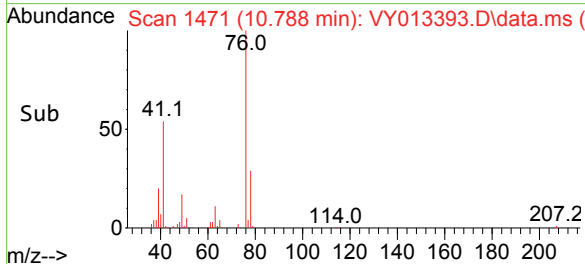
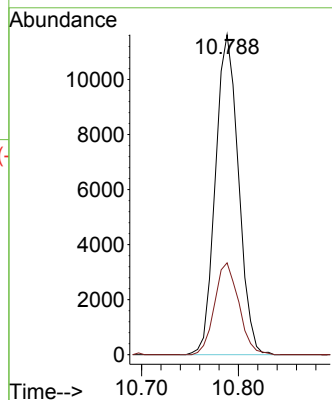
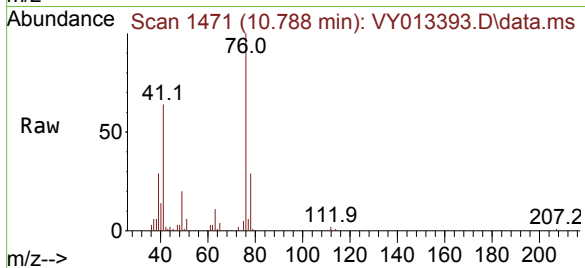
VSTDIC005

Tgt Ion: 76 Resp: 19246

Ion Ratio Lower Upper

76 100

78 30.2 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 26.091 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013393.D

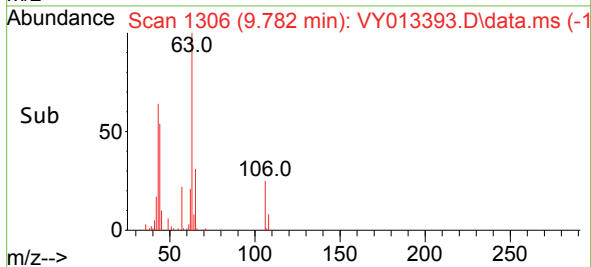
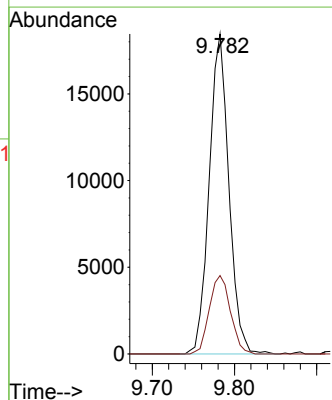
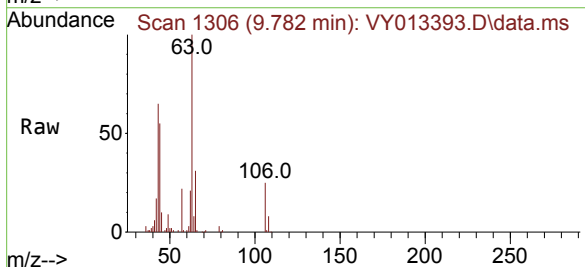
Acq: 24 Apr 2023 11:26

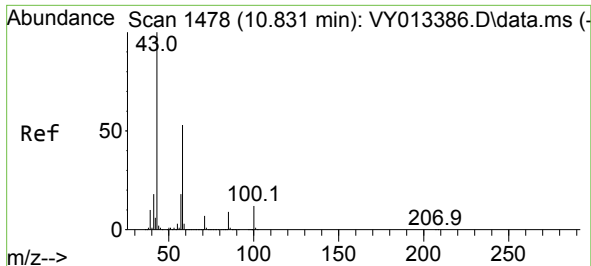
Tgt Ion: 63 Resp: 30680

Ion Ratio Lower Upper

63 100

106 26.3 23.5 35.3

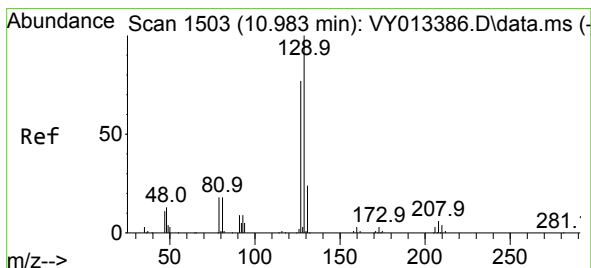
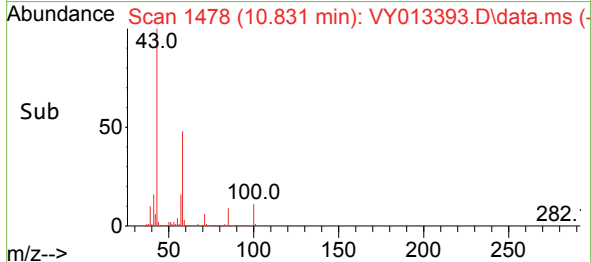
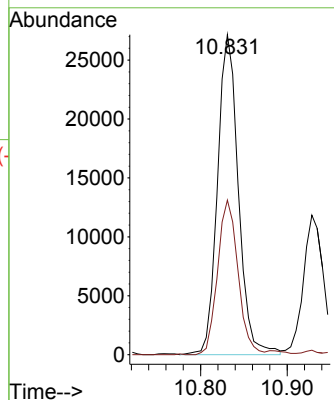
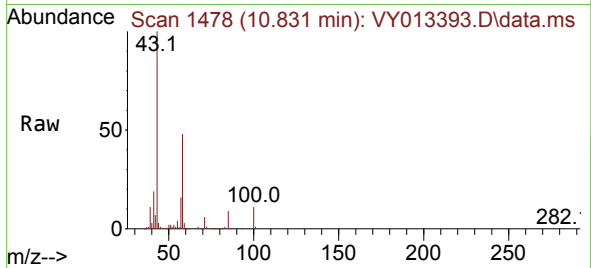




#59
2-Hexanone
Concen: 22.806 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

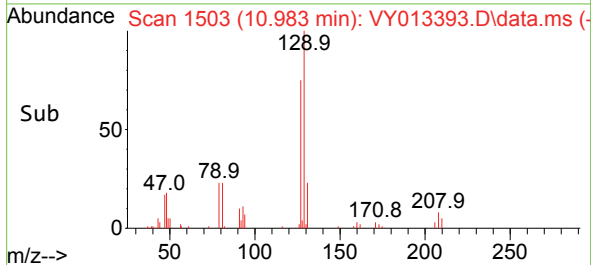
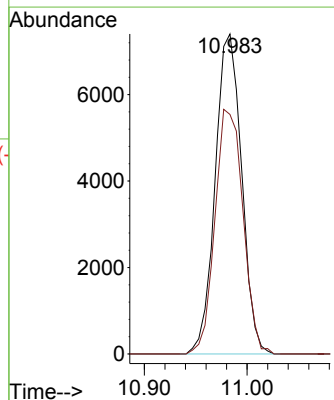
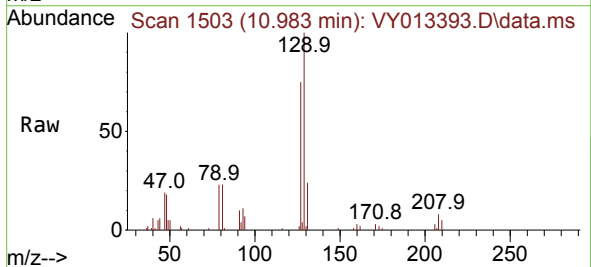
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

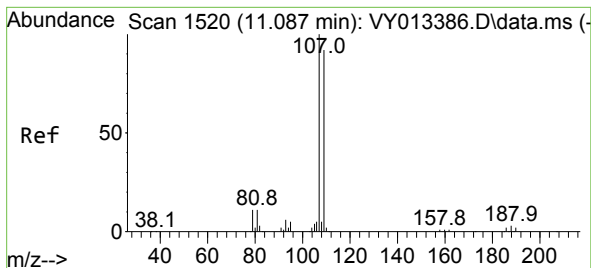
Tgt Ion: 43 Resp: 45448
Ion Ratio Lower Upper
43 100
58 47.2 26.3 78.8



#60
Dibromochloromethane
Concen: 4.816 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 129 Resp: 13219
Ion Ratio Lower Upper
129 100
127 81.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 5.059 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

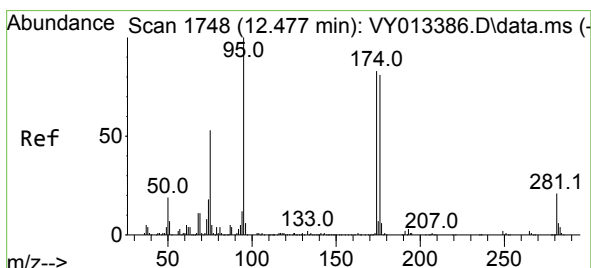
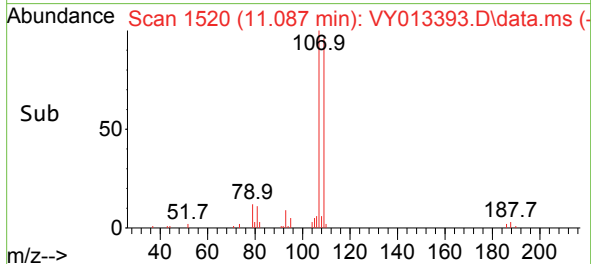
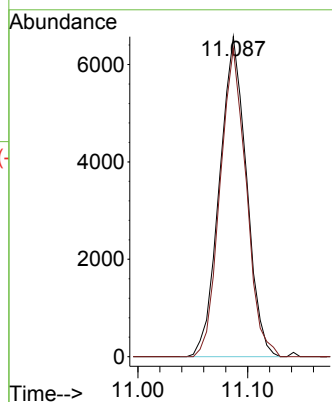
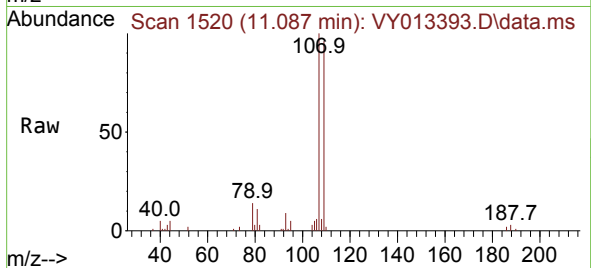
VSTDIC005

Tgt Ion:107 Resp: 11242

Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 5.476 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

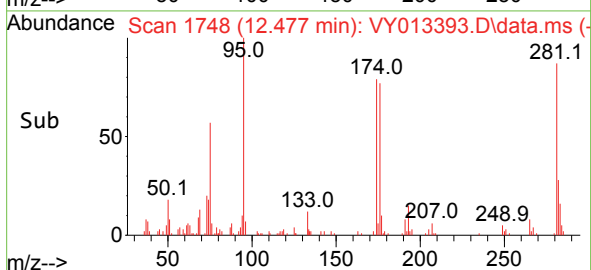
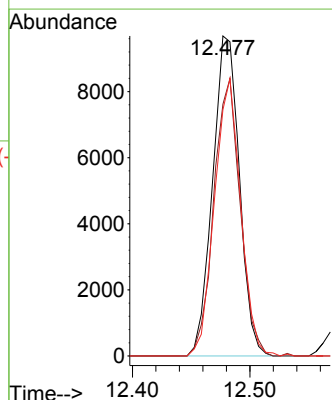
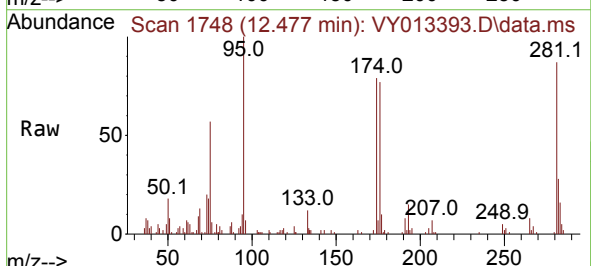
Tgt Ion: 95 Resp: 15326

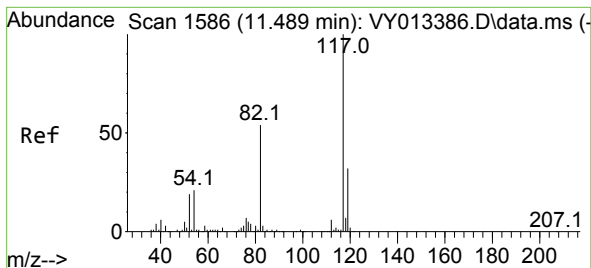
Ion Ratio Lower Upper

95 100

174 85.4 0.0 182.0

176 84.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

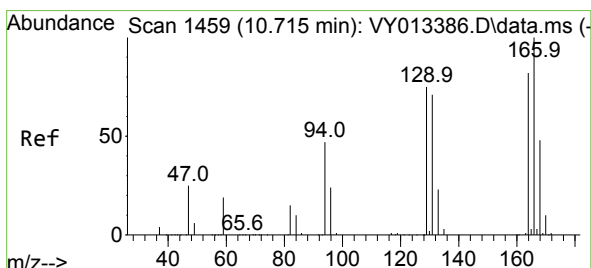
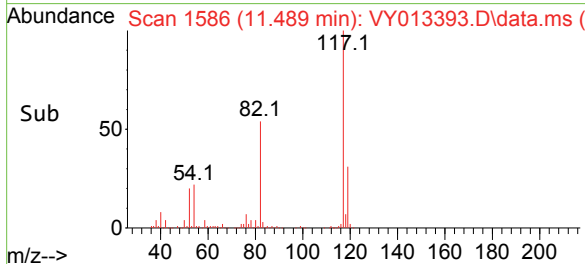
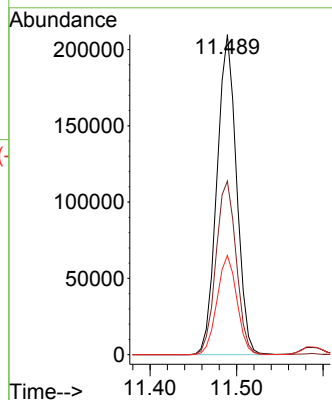
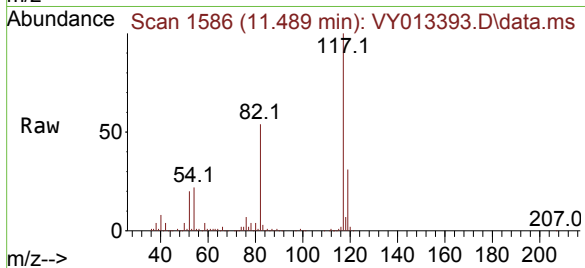
Tgt Ion:117 Resp: 329384

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.6

119 31.0 25.5 38.3



#64

Tetrachloroethene

Concen: 5.052 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Tgt Ion:164 Resp: 12653

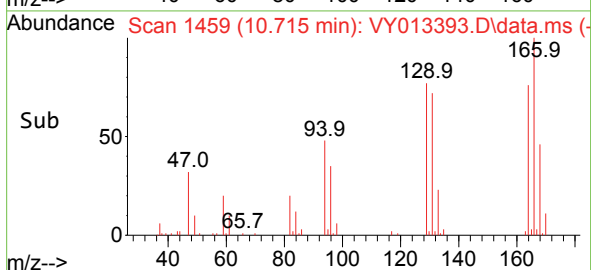
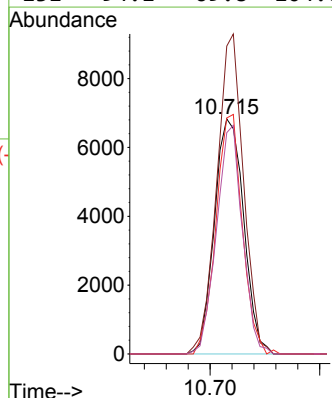
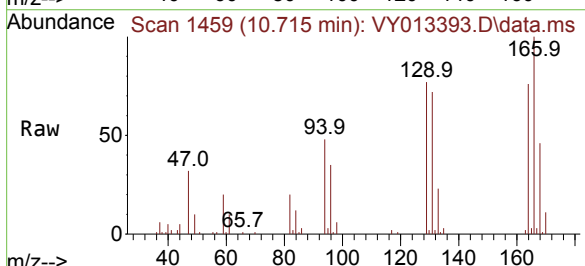
Ion Ratio Lower Upper

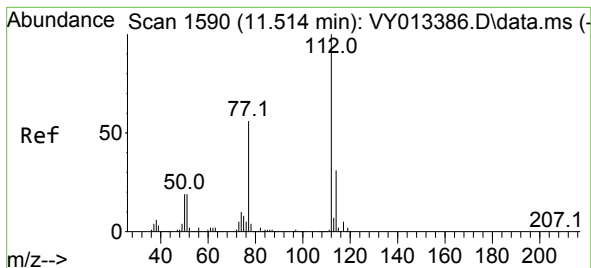
164 100

166 131.0 97.5 146.3

129 100.4 72.6 109.0

131 94.1 69.8 104.6





#65

Chlorobenzene

Concen: 4.946 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

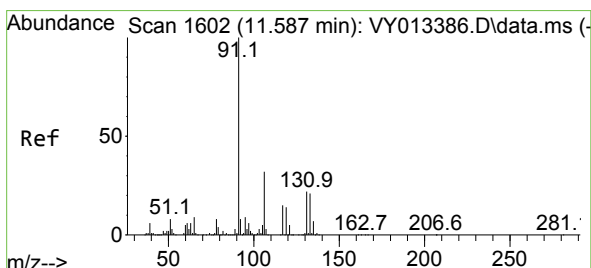
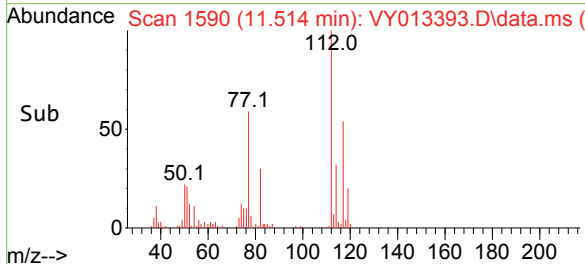
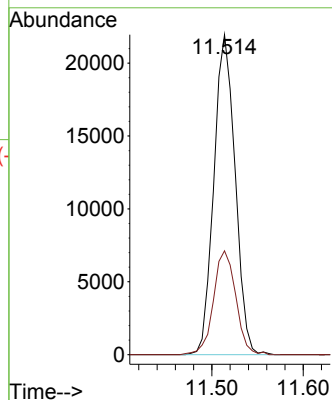
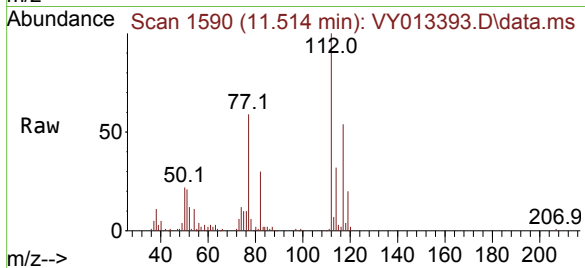
VSTDIC005

Tgt Ion:112 Resp: 35487

Ion Ratio Lower Upper

112 100

114 32.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 4.970 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

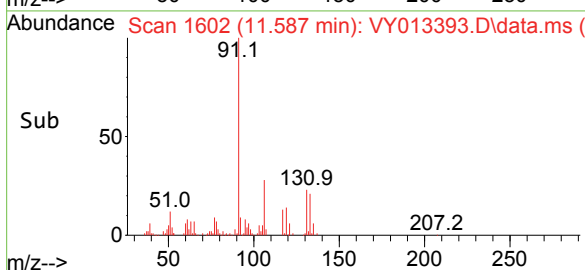
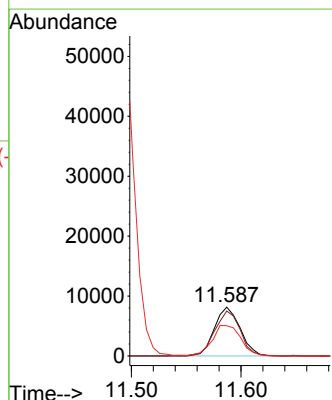
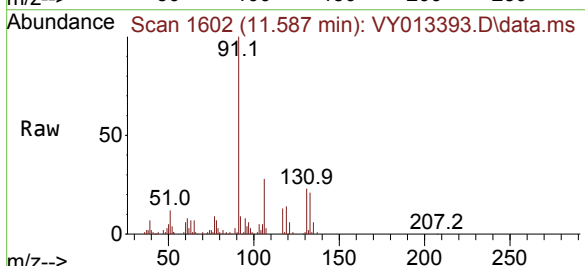
Tgt Ion:131 Resp: 13336

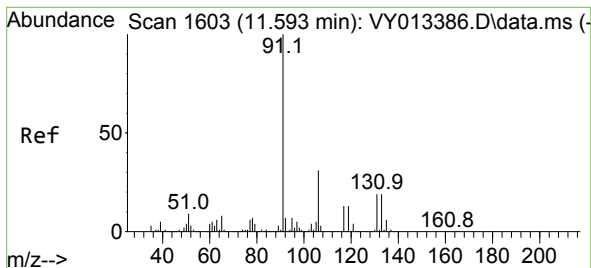
Ion Ratio Lower Upper

131 100

133 91.1 47.7 143.1

119 69.3 32.6 98.0





#67

Ethyl Benzene

Concen: 4.597 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

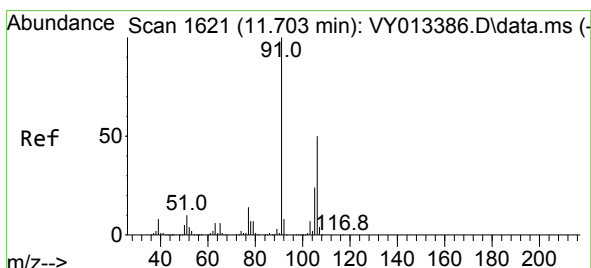
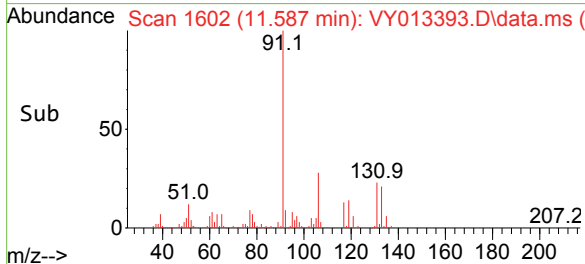
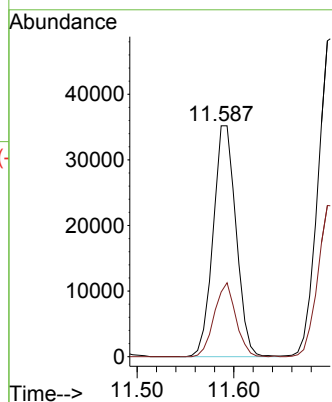
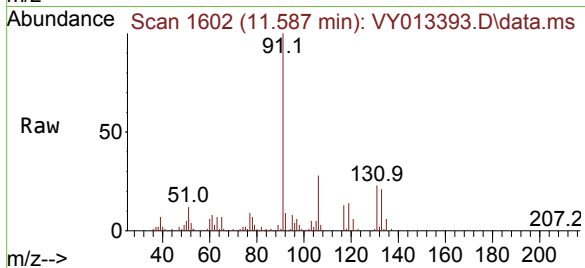
VSTDIC005

Tgt Ion: 91 Resp: 57925

Ion Ratio Lower Upper

91 100

106 28.0 25.1 37.7



#68

m/p-Xylenes

Concen: 8.988 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013393.D

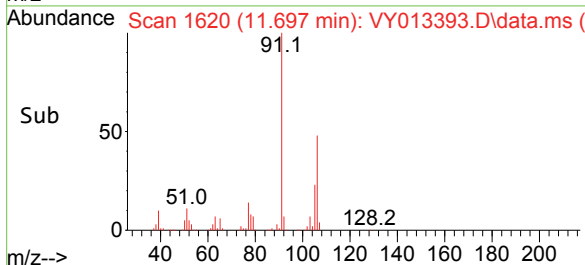
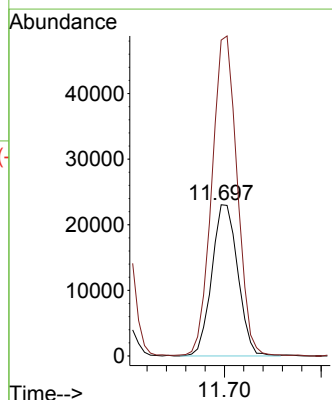
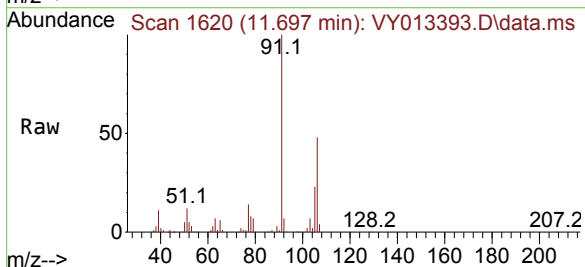
Acq: 24 Apr 2023 11:26

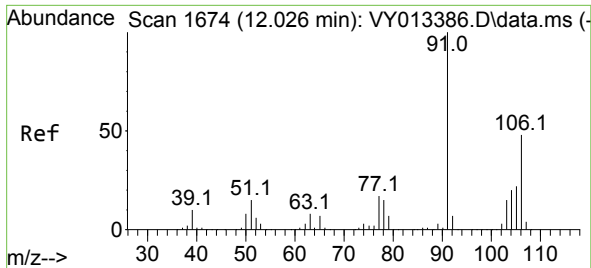
Tgt Ion:106 Resp: 43052

Ion Ratio Lower Upper

106 100

91 206.5 160.9 241.3

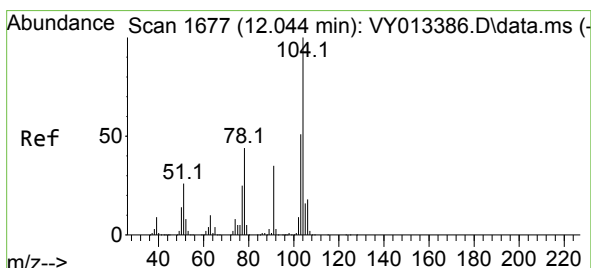
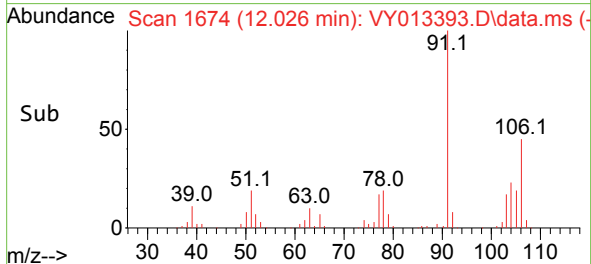
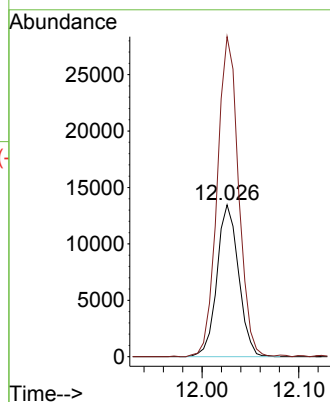
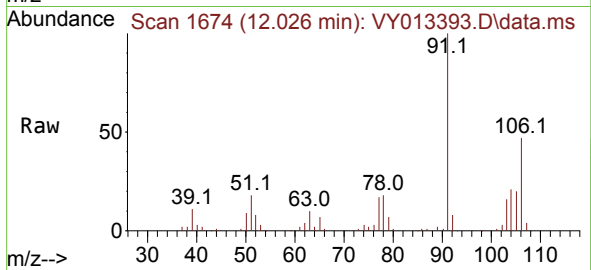




#69
o-Xylene
Concen: 4.607 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

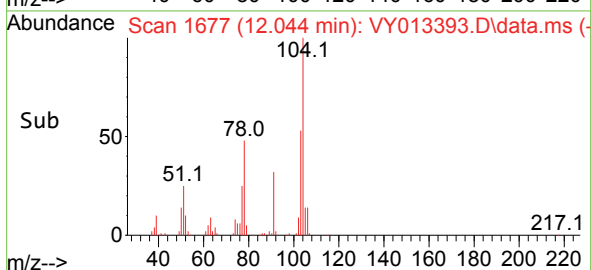
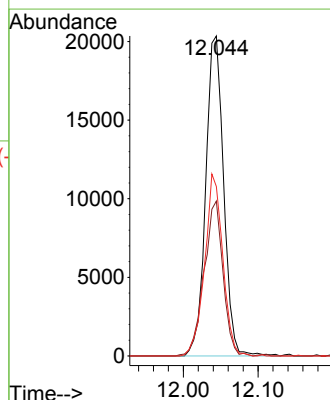
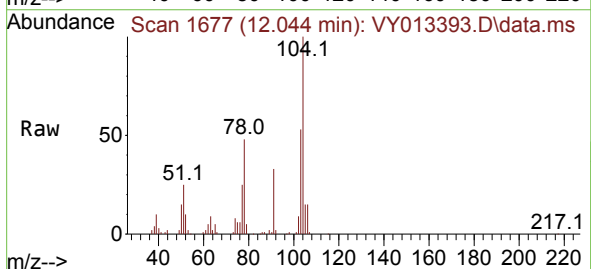
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

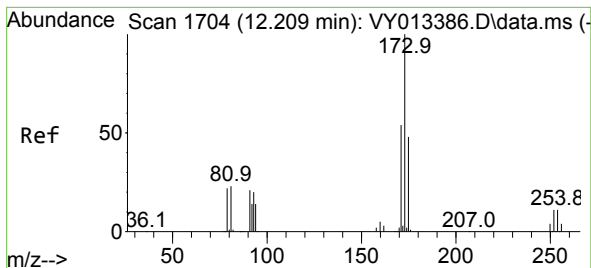
Tgt Ion:106 Resp: 20869
Ion Ratio Lower Upper
106 100
91 208.7 105.5 316.4



#70
Styrene
Concen: 4.476 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion:104 Resp: 33902
Ion Ratio Lower Upper
104 100
78 51.3 40.3 60.5
103 57.4 45.0 67.4





#71

Bromoform

Concen: 5.146 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

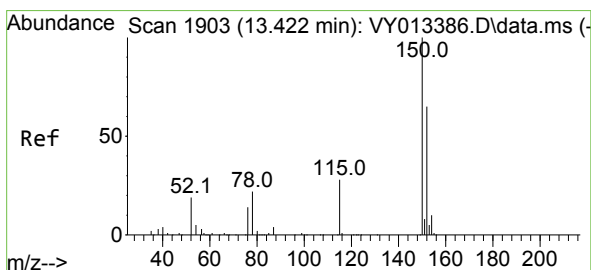
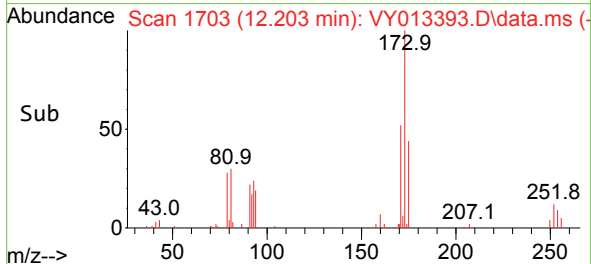
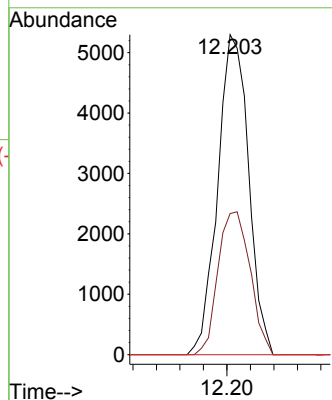
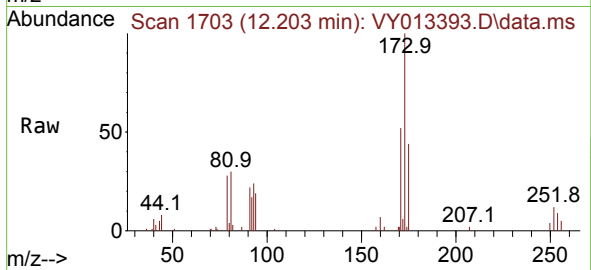
Tgt Ion:173 Resp: 9673

Ion Ratio Lower Upper

173 100

175 46.4 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: VY013393.D

Acq: 24 Apr 2023 11:26

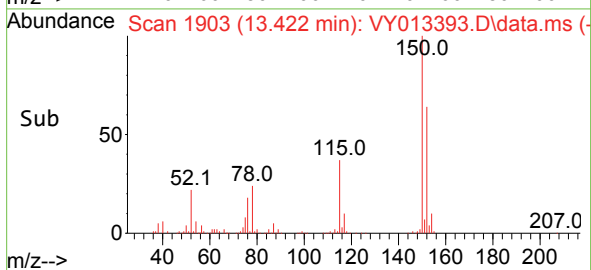
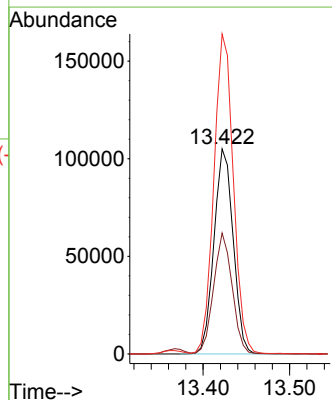
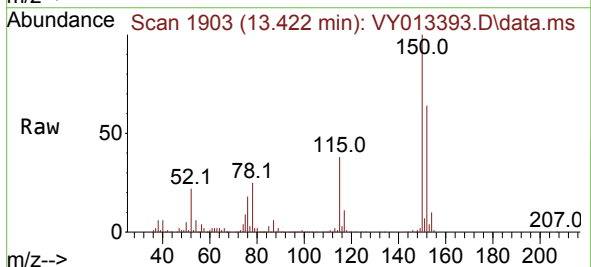
Tgt Ion:152 Resp: 161953

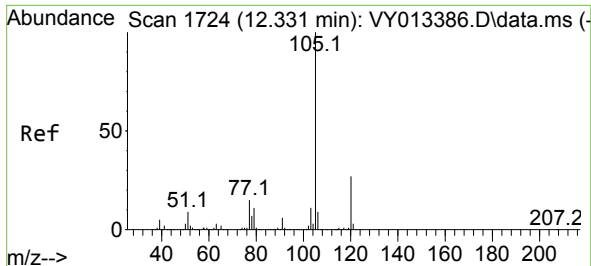
Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

150 158.0 0.0 352.0

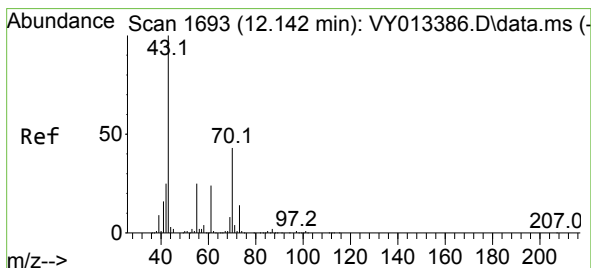
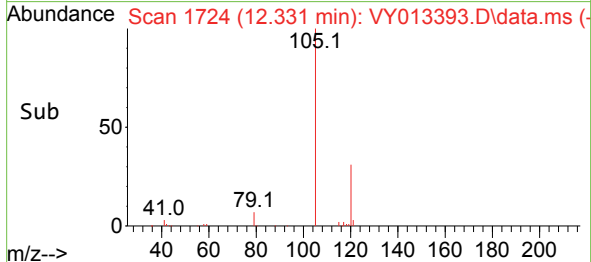
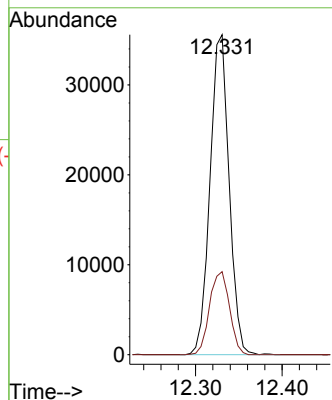
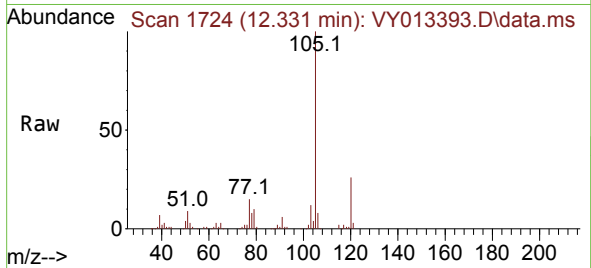




#73
Isopropylbenzene
Concen: 4.448 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

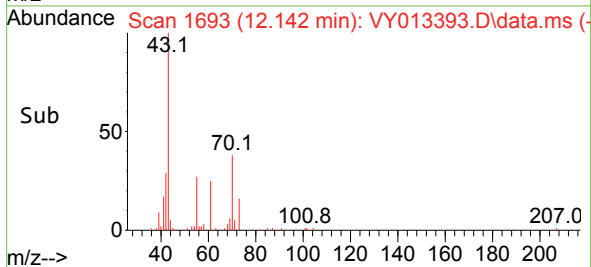
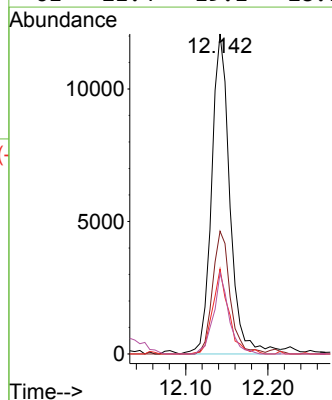
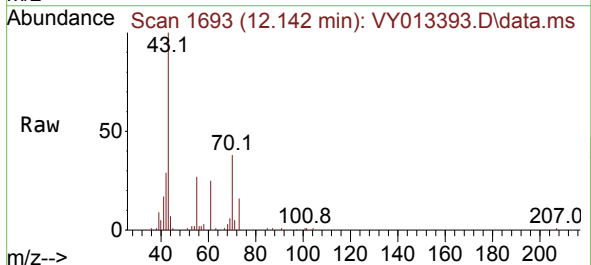
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

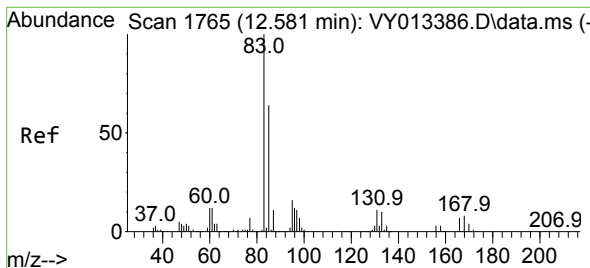
Tgt Ion:105 Resp: 54492
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0



#74
N-ethyl acetate
Concen: 4.293 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 43 Resp: 18714
Ion Ratio Lower Upper
43 100
70 36.9 33.0 49.4
55 23.5 19.8 29.6
61 21.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.078 ug/l

RT: 12.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

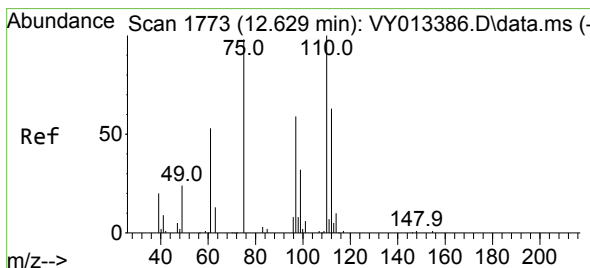
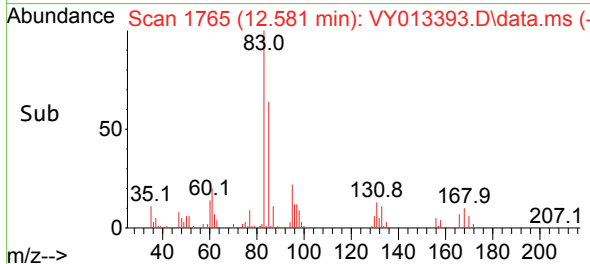
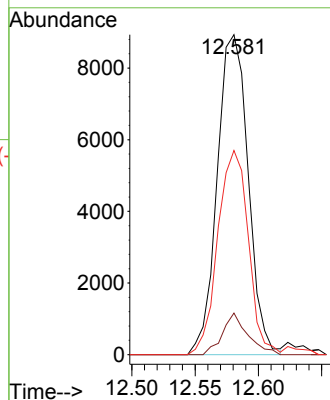
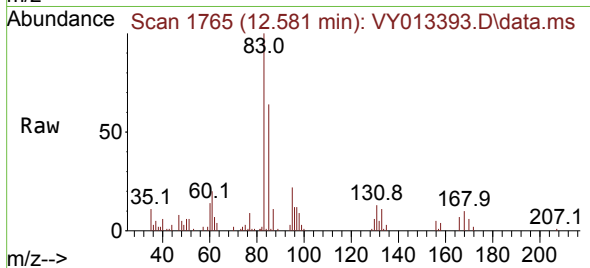
Tgt Ion: 83 Resp: 15203

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

85 62.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 8.255 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY013393.D

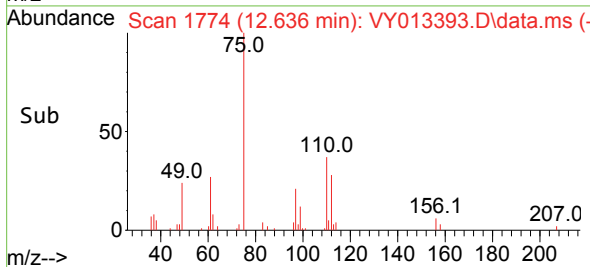
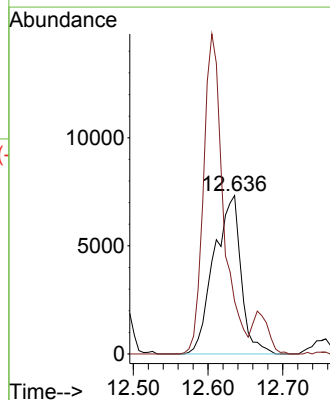
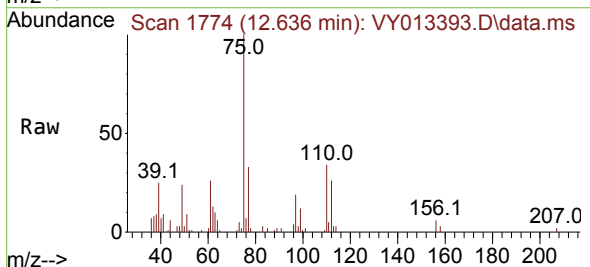
Acq: 24 Apr 2023 11:26

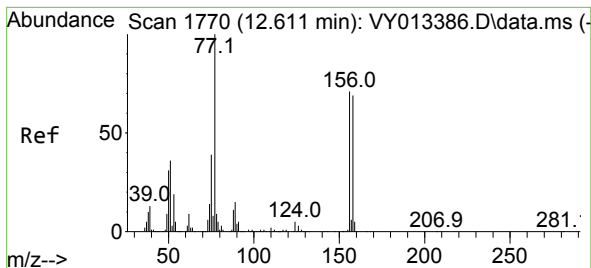
Tgt Ion: 75 Resp: 18461

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.683 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

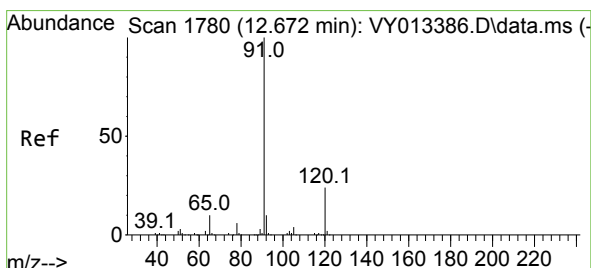
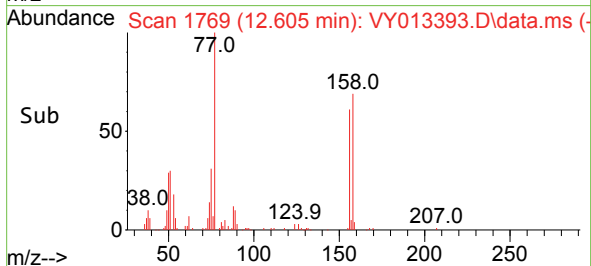
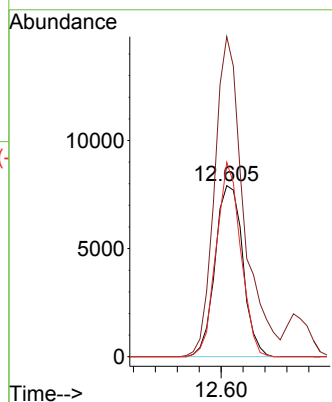
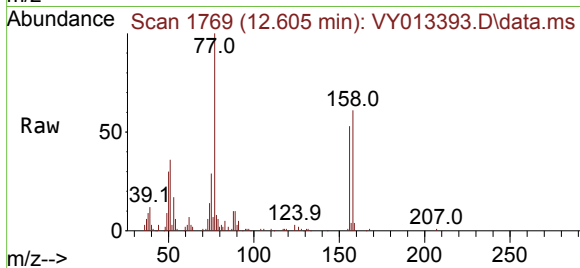
Tgt Ion:156 Resp: 13901

Ion Ratio Lower Upper

156 100

77 197.2 87.6 262.9

158 100.6 48.5 145.5



#78

n-propylbenzene

Concen: 4.506 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013393.D

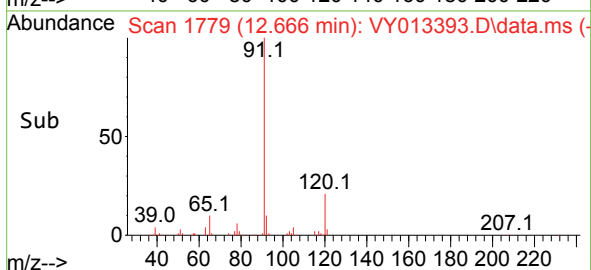
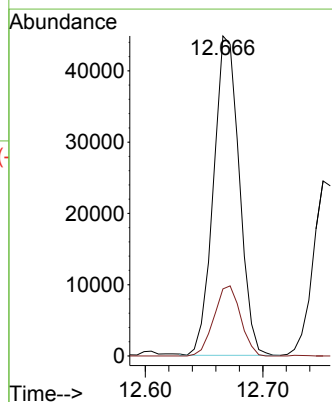
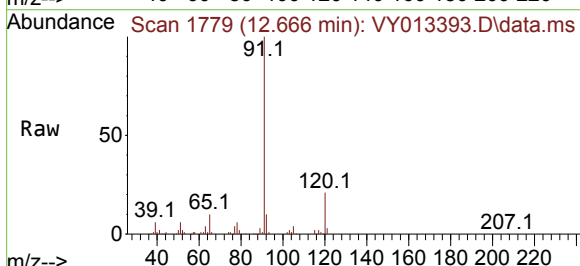
Acq: 24 Apr 2023 11:26

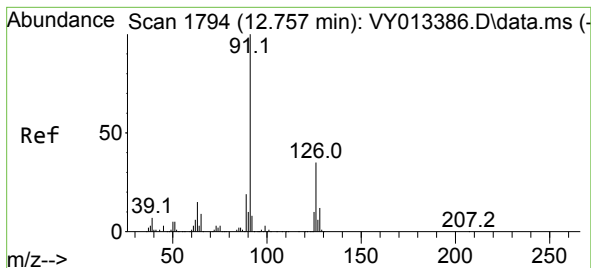
Tgt Ion: 91 Resp: 67989

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.9

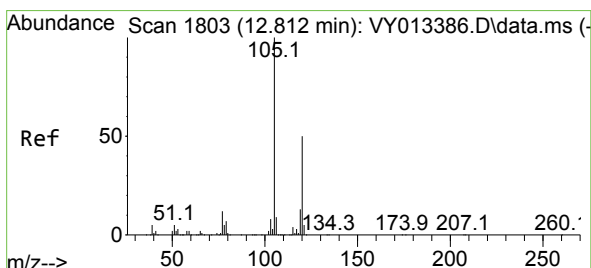
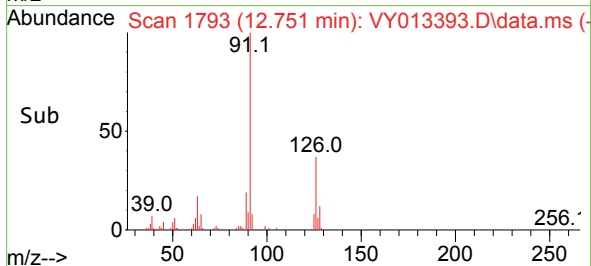
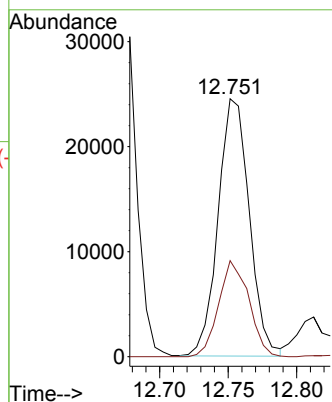
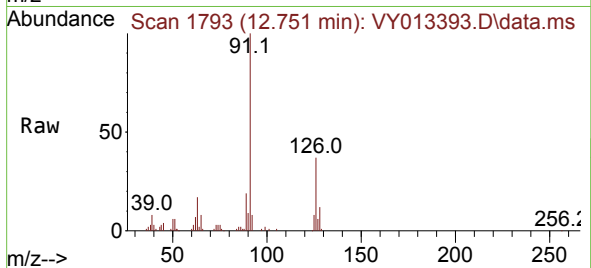




#79
2-Chlorotoluene
Concen: 4.616 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

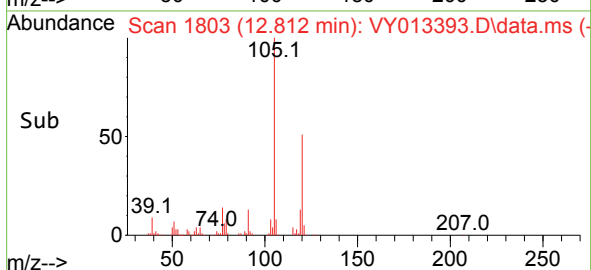
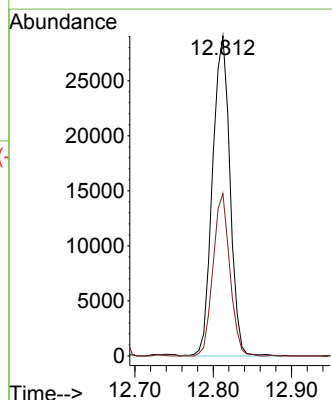
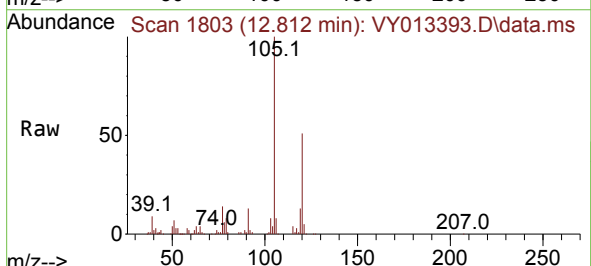
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

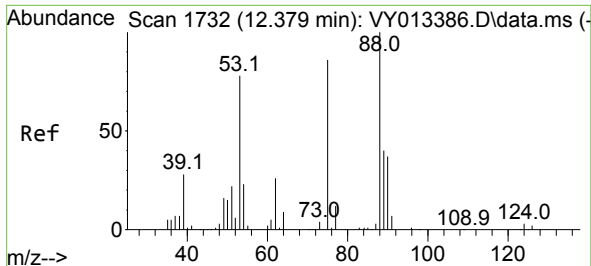
Tgt Ion: 91 Resp: 38892
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 4.491 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 105 Resp: 44902
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1

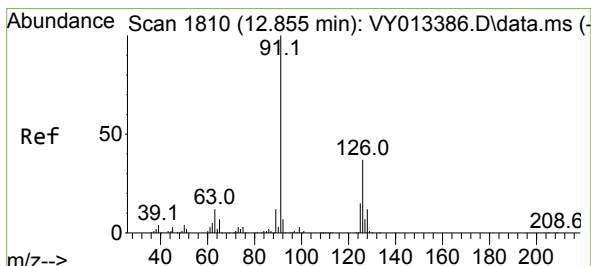
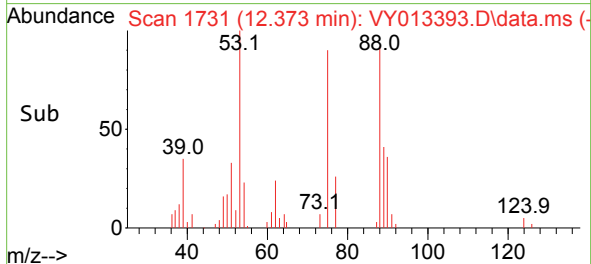
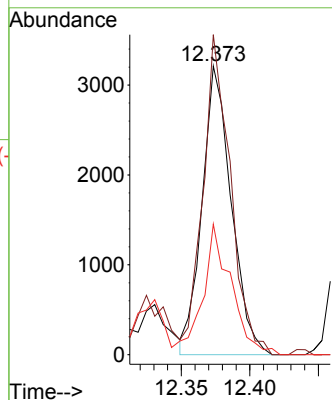
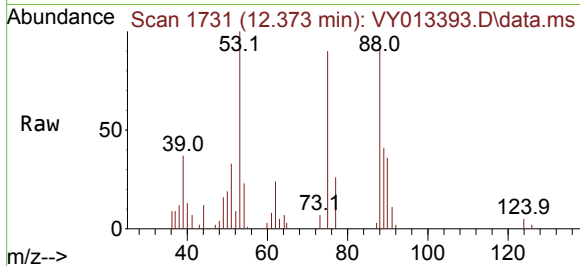




#81
trans-1,4-Dichloro-2-butene
Concen: 4.450 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

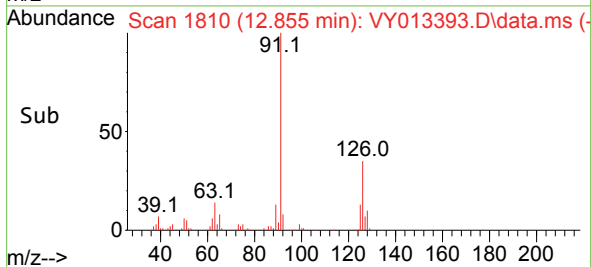
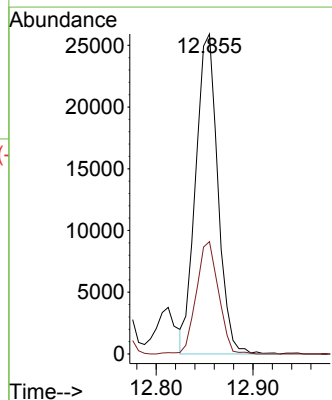
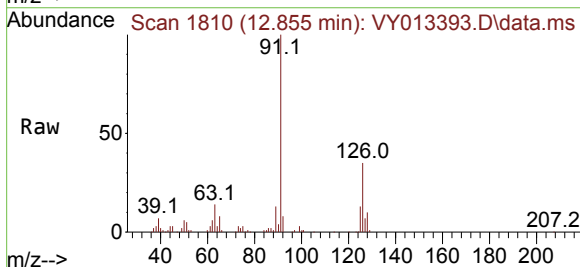
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

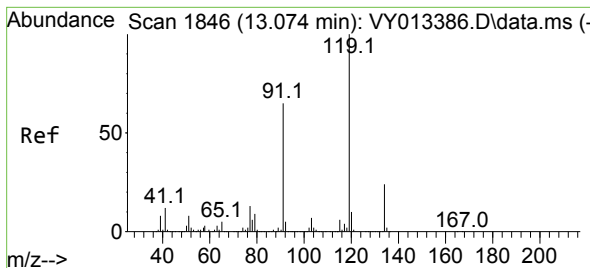
Tgt Ion: 75 Resp: 4751
Ion Ratio Lower Upper
75 100
53 104.3 73.2 109.8
89 44.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 4.702 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 91 Resp: 41296
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 4.561 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

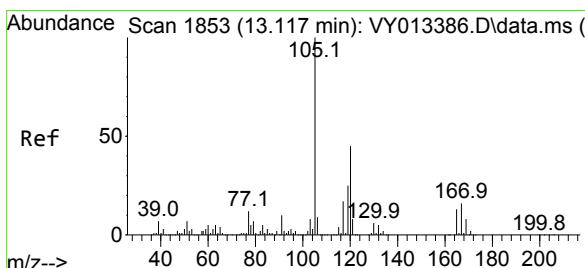
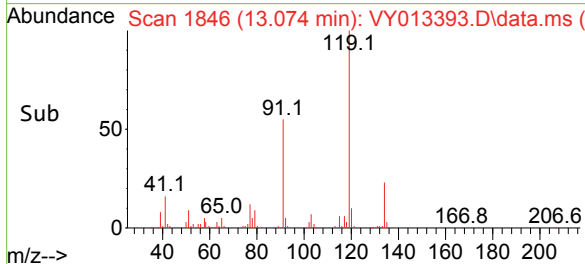
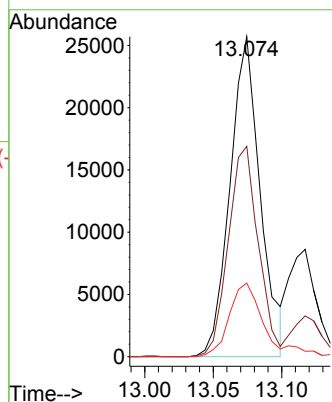
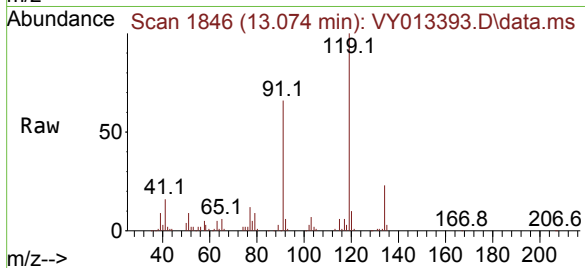
Tgt Ion:119 Resp: 39503

Ion Ratio Lower Upper

119 100

91 65.3 32.2 96.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 4.481 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013393.D

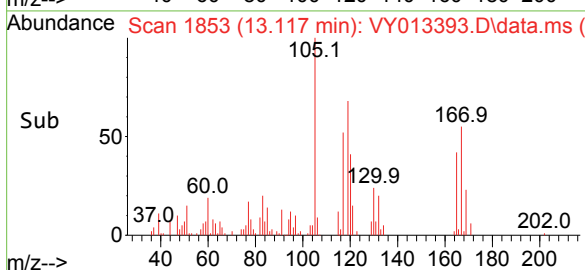
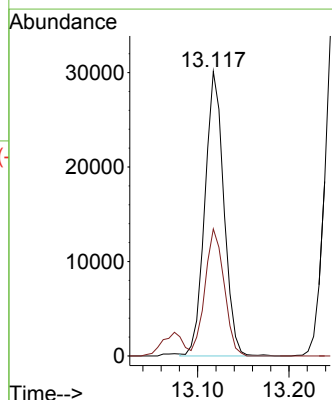
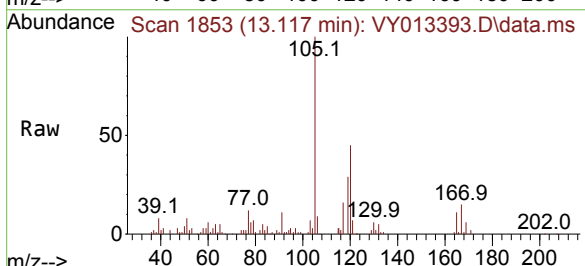
Acq: 24 Apr 2023 11:26

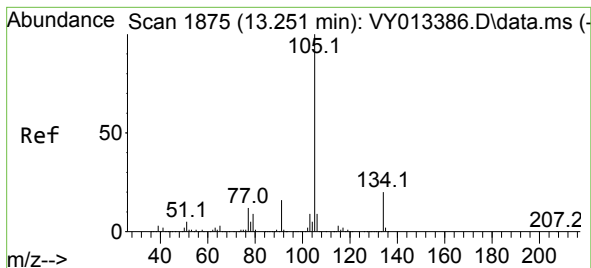
Tgt Ion:105 Resp: 43562

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.618 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

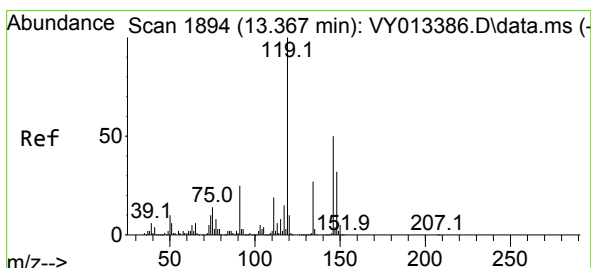
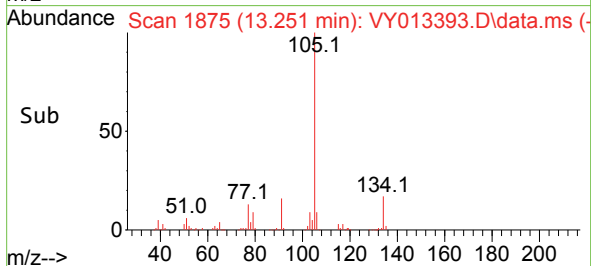
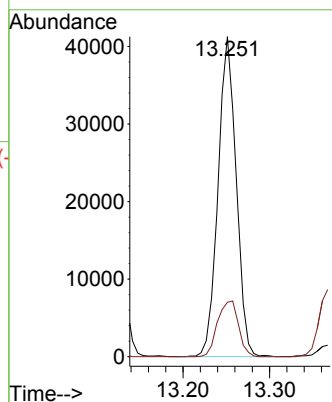
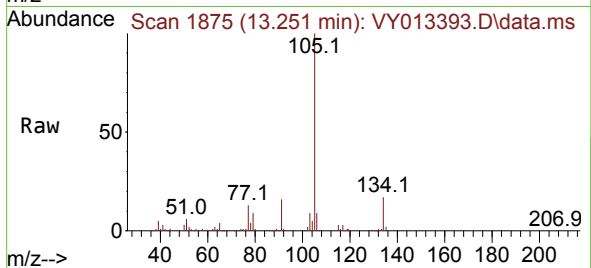
VSTDIC005

Tgt Ion:105 Resp: 60028

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 4.631 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

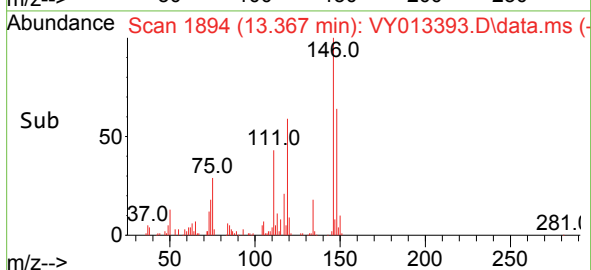
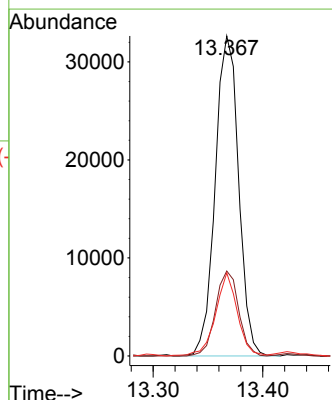
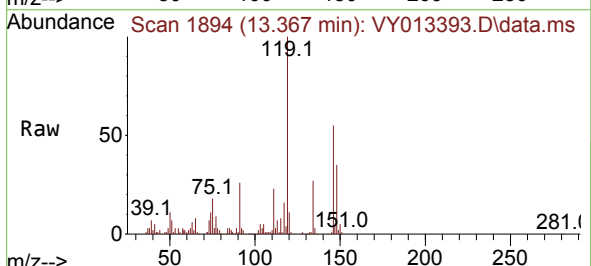
Tgt Ion:119 Resp: 48417

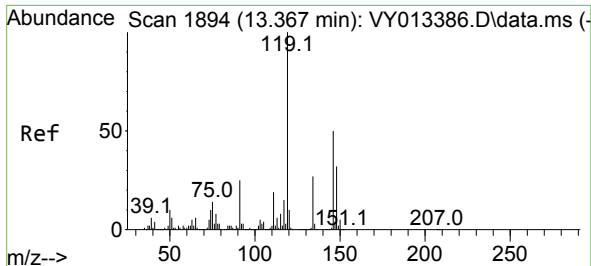
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 5.089 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

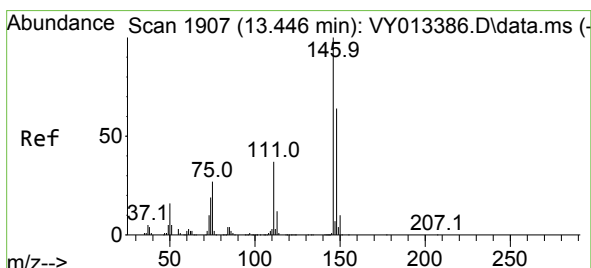
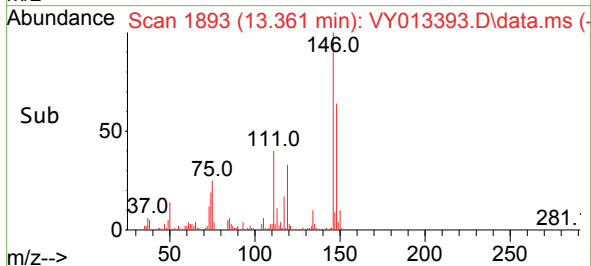
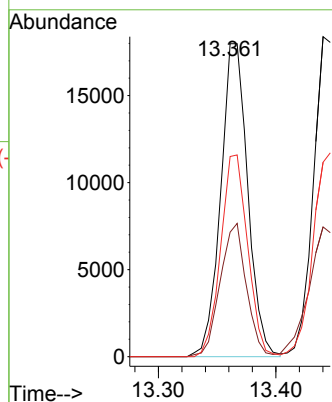
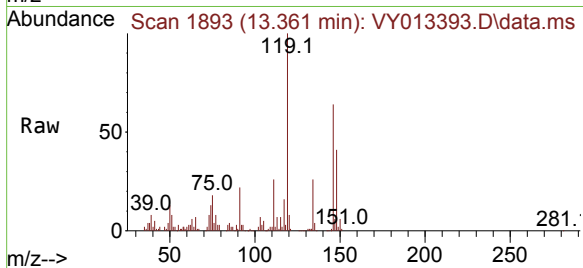
Tgt Ion:146 Resp: 28779

Ion Ratio Lower Upper

146 100

111 41.3 19.3 57.9

148 64.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 5.193 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

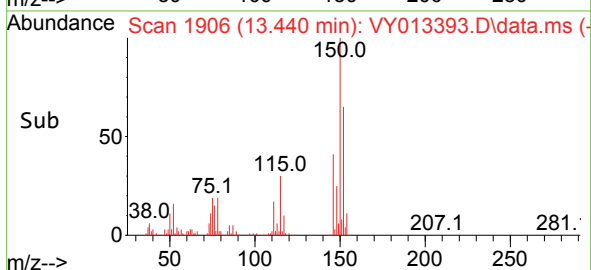
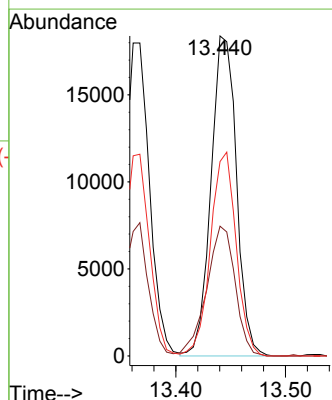
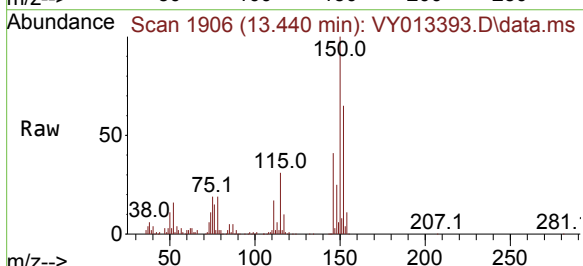
Tgt Ion:146 Resp: 29666

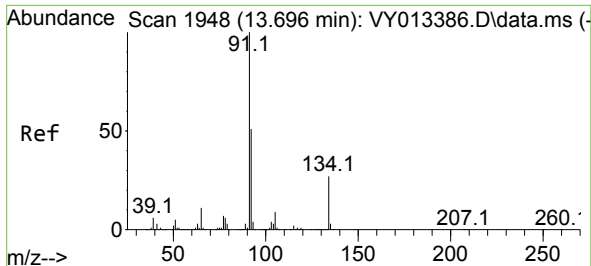
Ion Ratio Lower Upper

146 100

111 45.6 18.9 56.5

148 64.4 31.9 95.5

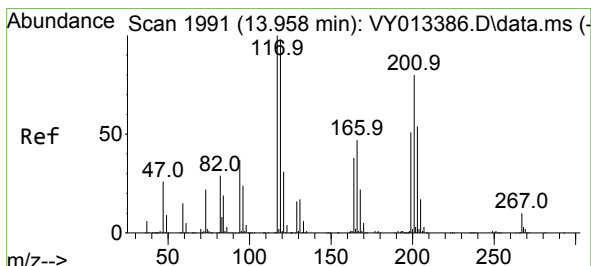
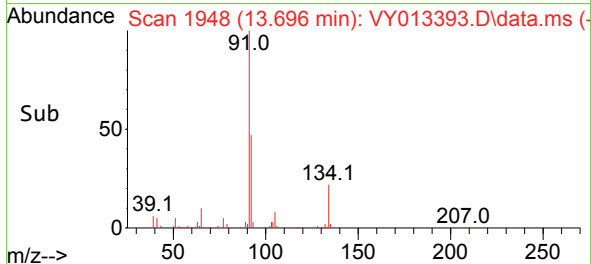
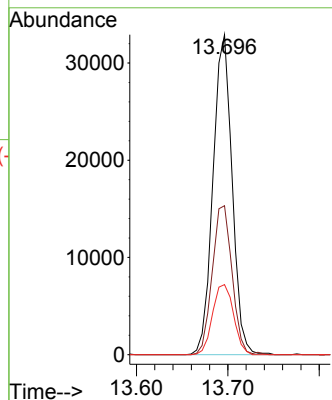
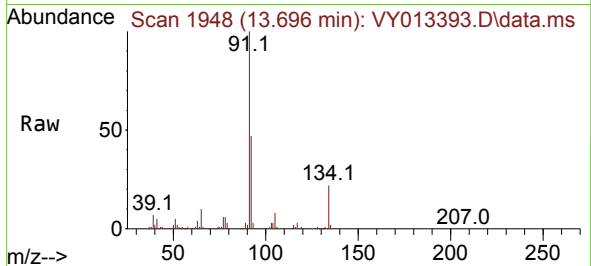




#89
n-Butylbenzene
Concen: 4.681 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

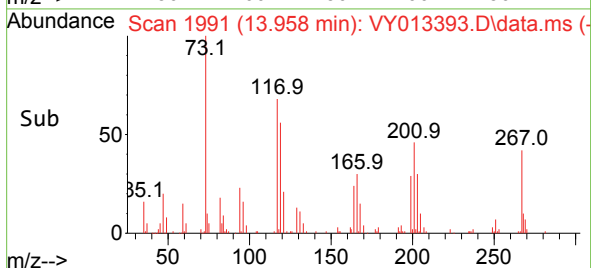
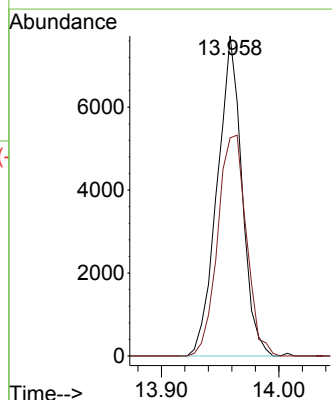
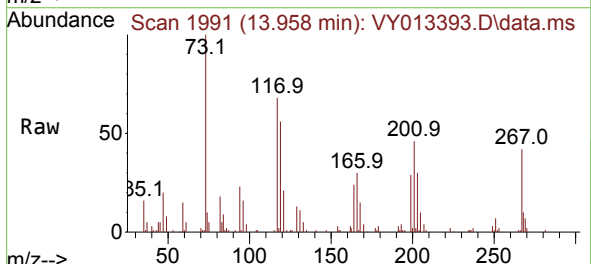
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

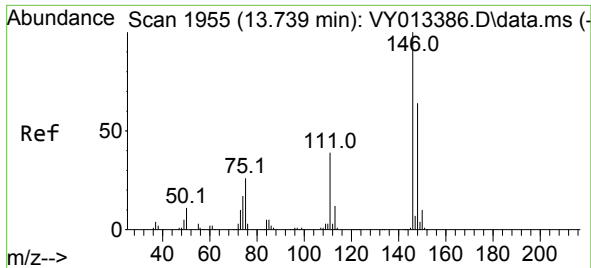
Tgt Ion: 91 Resp: 47759
Ion Ratio Lower Upper
91 100
92 48.4 25.8 77.3
134 24.1 13.5 40.4



#90
Hexachloroethane
Concen: 5.126 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013393.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 117 Resp: 11278
Ion Ratio Lower Upper
117 100
201 80.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 5.010 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

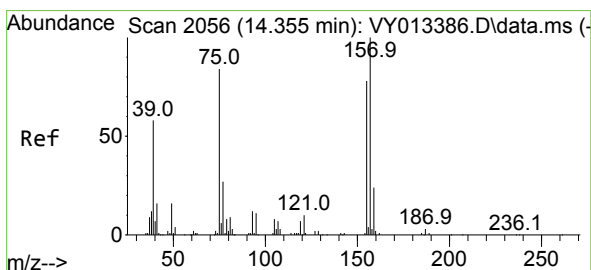
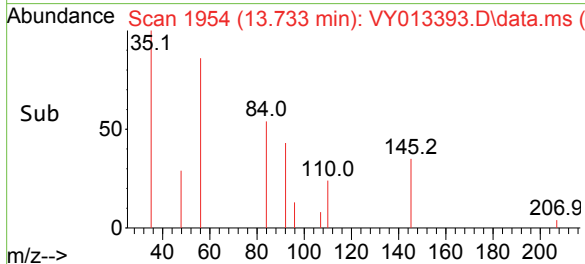
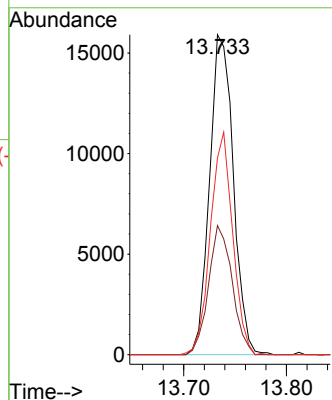
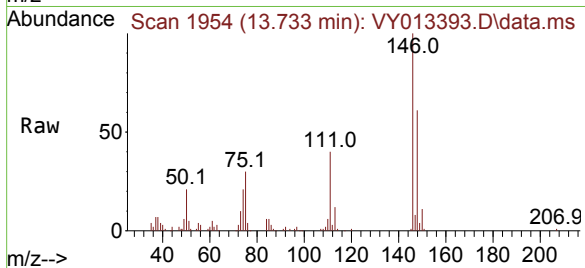
Tgt Ion:146 Resp: 25583

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

148 65.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.074 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

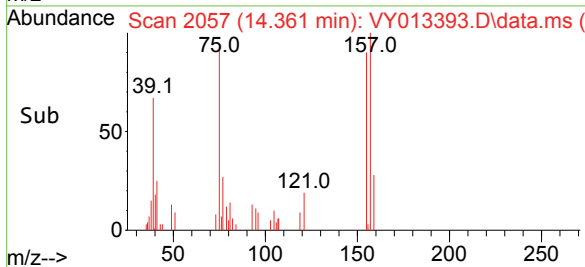
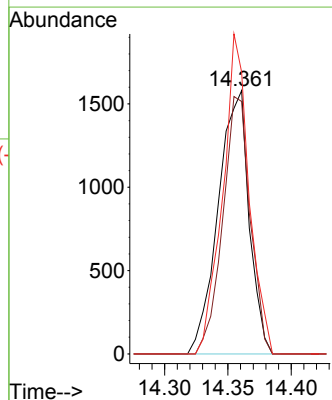
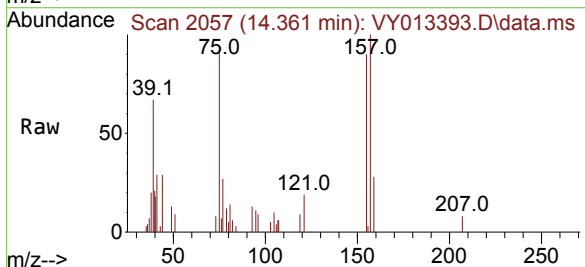
Tgt Ion: 75 Resp: 2683

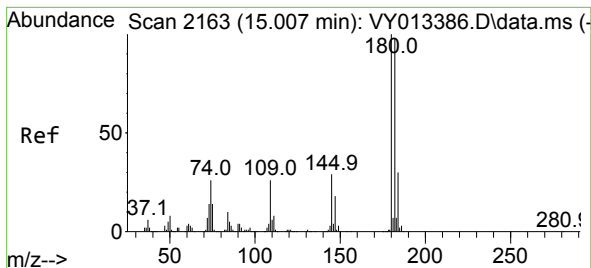
Ion Ratio Lower Upper

75 100

155 86.9 44.6 134.0

157 103.7 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 5.180 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

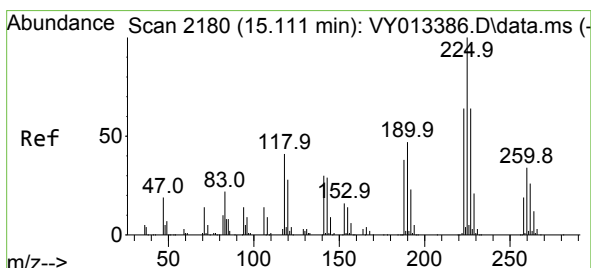
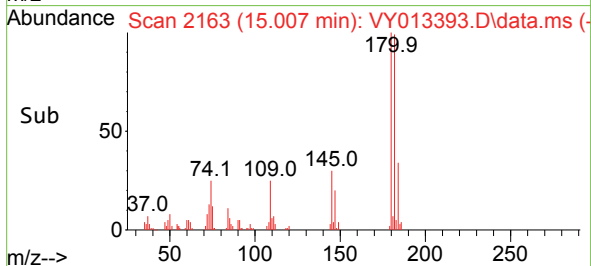
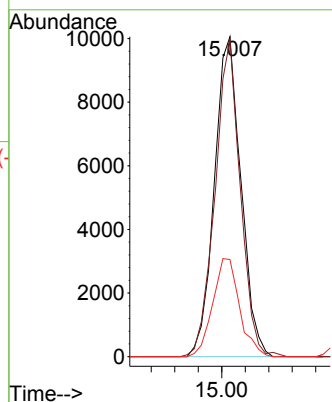
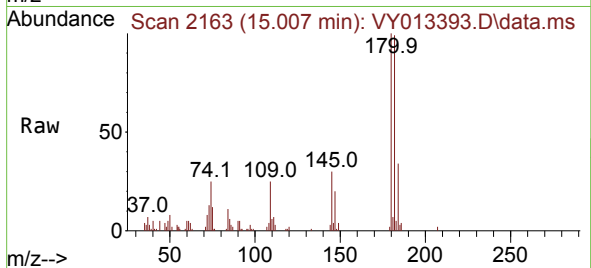
Tgt Ion:180 Resp: 15770

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.5

145 31.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 5.526 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

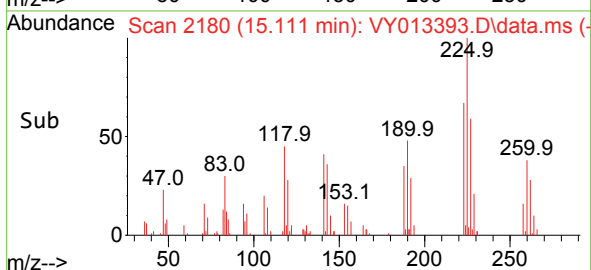
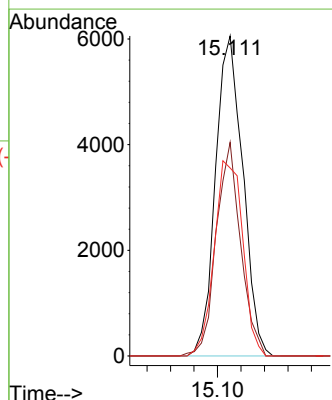
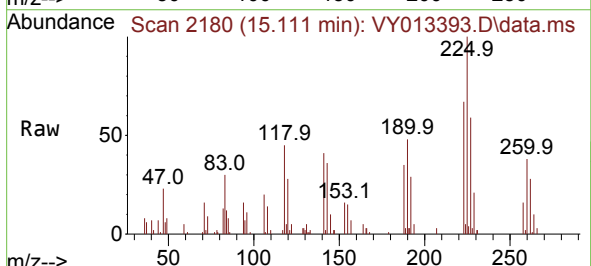
Tgt Ion:225 Resp: 9792

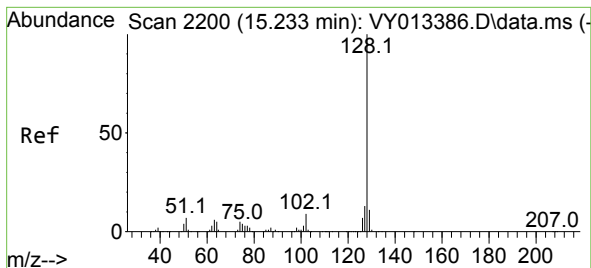
Ion Ratio Lower Upper

225 100

223 59.7 31.4 94.2

227 63.4 32.0 96.0





#95

Naphthalene

Concen: 4.575 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

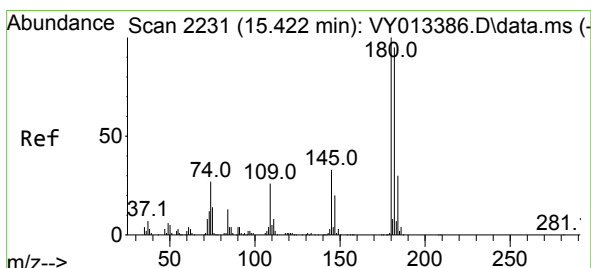
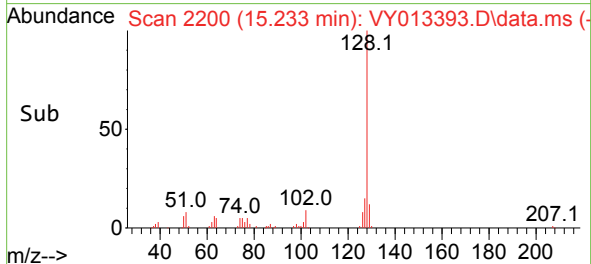
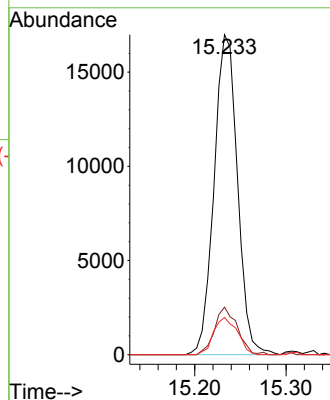
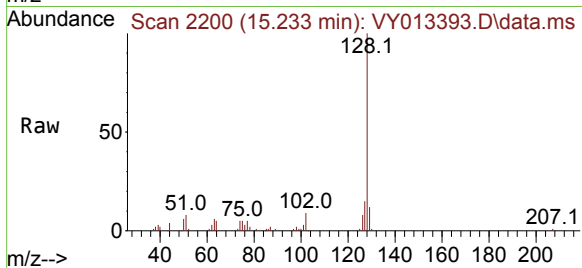
Tgt Ion:128 Resp: 30220

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 11.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.994 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013393.D

Acq: 24 Apr 2023 11:26

Tgt Ion:180 Resp: 13552

Ion Ratio Lower Upper

180 100

182 102.8 47.1 141.3

145 31.0 15.9 47.7

