

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013395.D
 Acq On : 24 Apr 2023 12:11
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 25 01:59:25 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	245811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	382909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	56571	20.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.980%#
35) Dibromofluoromethane	7.716	113	50029	20.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.540%#
50) Toluene-d8	10.179	98	182798	21.336	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.680%#
62) 4-Bromofluorobenzene	12.477	95	60402	20.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	48172	20.614	ug/l	98
3) Chloromethane	2.107	50	61195	19.536	ug/l	99
4) Vinyl Chloride	2.247	62	60556	19.416	ug/l	98
5) Bromomethane	2.650	94	47588	19.147	ug/l	99
6) Chloroethane	2.790	64	40698	18.888	ug/l	94
7) Trichlorofluoromethane	3.125	101	96275	20.376	ug/l	97
8) Diethyl Ether	3.528	74	31922	19.840	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	53972	20.365	ug/l	93
10) Methyl Iodide	4.082	142	64466	19.367	ug/l	99
11) Tert butyl alcohol	4.979	59	30721	102.081	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	51363	20.105	ug/l	94
13) Acrolein	3.729	56	29016	118.586	ug/l	97
14) Allyl chloride	4.479	41	93360	19.695	ug/l	96
15) Acrylonitrile	5.161	53	85400	94.774	ug/l	99
16) Acetone	3.954	43	92945	87.587	ug/l	97
17) Carbon Disulfide	4.186	76	166673	20.085	ug/l	99
18) Methyl Acetate	4.479	43	65189	18.600	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	140665	19.072	ug/l	100
20) Methylene Chloride	4.710	84	86463	21.378	ug/l #	87
21) trans-1,2-Dichloroethene	5.216	96	55435	19.846	ug/l	95
22) Diisopropyl ether	6.113	45	183311	19.785	ug/l #	95
23) Vinyl Acetate	6.058	43	558052	105.581	ug/l	98
24) 1,1-Dichloroethane	6.015	63	101651	19.686	ug/l	98
25) 2-Butanone	6.984	43	121474	90.262	ug/l	91
26) 2,2-Dichloropropane	6.978	77	88014	19.780	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	60731	19.679	ug/l	95
28) Bromochloromethane	7.332	49	38424	20.969	ug/l	83
29) Tetrahydrofuran	7.344	42	78979	94.277	ug/l	91
30) Chloroform	7.503	83	101488	19.768	ug/l	99
31) Cyclohexane	7.783	56	94271	19.540	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	90621	19.780	ug/l	96
36) 1,1-Dichloropropene	7.911	75	79813	19.969	ug/l	97
37) Ethyl Acetate	7.070	43	54525	18.128	ug/l	98
38) Carbon Tetrachloride	7.899	117	83620	19.961	ug/l	97
39) Methylcyclohexane	9.185	83	91293	19.375	ug/l	96
40) Benzene	8.155	78	221678	19.689	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74430	52.988	ug/l #	33
42) 1,2-Dichloroethane	8.234	62	71753	19.493	ug/l	99
43) Isopropyl Acetate	8.271	43	94466	18.607	ug/l	98
44) Trichloroethene	8.935	130	59560	19.887	ug/l	95
45) 1,2-Dichloropropane	9.216	63	58269	19.794	ug/l	98
46) Dibromomethane	9.301	93	34378	19.517	ug/l	93
47) Bromodichloromethane	9.496	83	77255	19.601	ug/l #	97
48) Methyl methacrylate	9.289	41	41995	18.011	ug/l	96
49) 1,4-Dioxane	9.307	88	9145	363.526	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	263651	93.193	ug/l	96
52) Toluene	10.240	92	134289	19.820	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	82254	19.719	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	91952	19.591	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	45532	19.520	ug/l	95
56) Ethyl methacrylate	10.508	69	61805	19.098	ug/l	90
57) 1,3-Dichloropropane	10.789	76	76602	19.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	126103	103.917	ug/l	94
59) 2-Hexanone	10.831	43	190667	92.713	ug/l	96
60) Dibromochloromethane	10.984	129	56186	19.838	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42795	18.661	ug/l	96
64) Tetrachloroethene	10.715	164	49321	19.372	ug/l	93
65) Chlorobenzene	11.514	112	143780	19.713	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	53232	19.514	ug/l	97
67) Ethyl Benzene	11.593	91	251564	19.641	ug/l	100
68) m/p-Xylenes	11.697	106	194419	39.930	ug/l	99
69) o-Xylene	12.026	106	91085	19.780	ug/l	100
70) Styrene	12.044	104	152564	19.815	ug/l	99
71) Bromoform	12.209	173	37085	19.409	ug/l #	99
73) Isopropylbenzene	12.325	105	239613	19.461	ug/l	98
74) N-amyl acetate	12.142	43	79701	18.190	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	56436	18.753	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	73075	32.510	ug/l #	100
77) Bromobenzene	12.611	156	58811	19.713	ug/l	95
78) n-propylbenzene	12.666	91	299232	19.731	ug/l	97
79) 2-Chlorotoluene	12.752	91	165885	19.588	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	200406	19.942	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	19940	18.580	ug/l	94
82) 4-Chlorotoluene	12.855	91	173634	19.671	ug/l	98
83) tert-Butylbenzene	13.075	119	170473	19.580	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	194782	19.936	ug/l	99
85) sec-Butylbenzene	13.251	105	258902	19.814	ug/l	99
86) p-Isopropyltoluene	13.367	119	209601	19.947	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	111703	19.653	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	111357	19.395	ug/l	97
89) n-Butylbenzene	13.697	91	198561	19.361	ug/l	99
90) Hexachloroethane	13.959	117	42994	19.441	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	99043	19.297	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9450	17.780	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	56814	18.566	ug/l	98
94) Hexachlorobutadiene	15.111	225	34735	19.504	ug/l	100
95) Naphthalene	15.233	128	115868	17.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51298	18.808	ug/l	98

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QLast Update : Mon Apr 24 14:03:33 2023
Response via : Initial Calibration

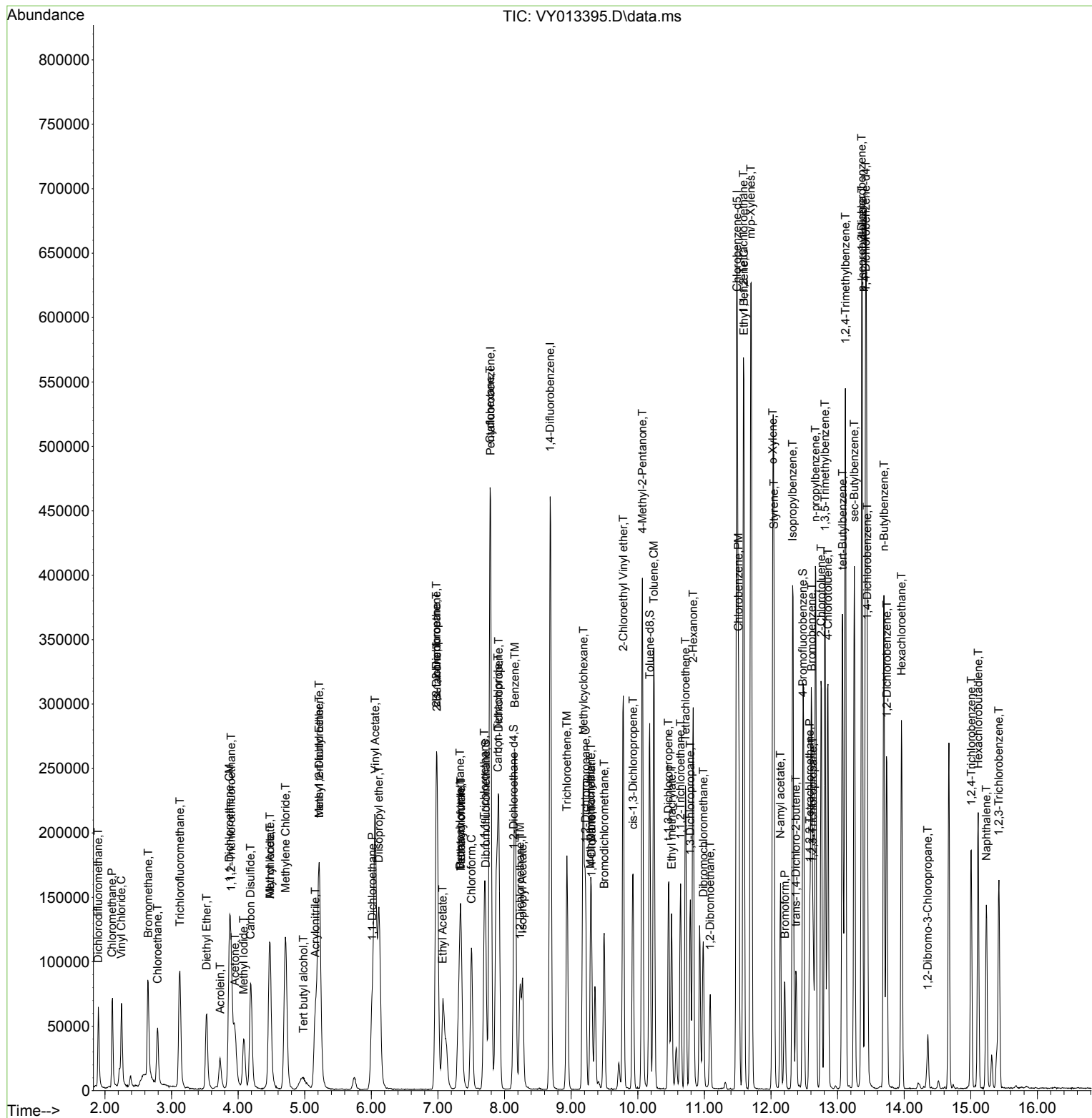
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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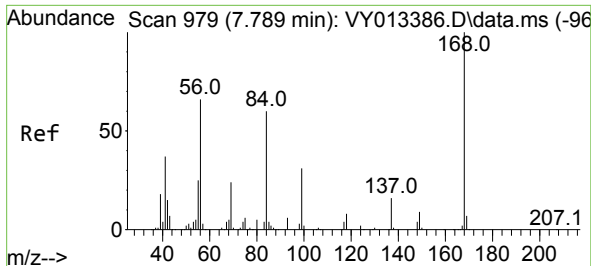
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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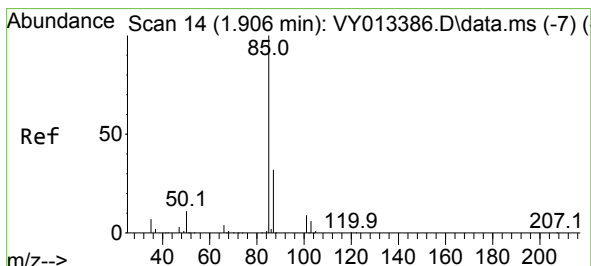
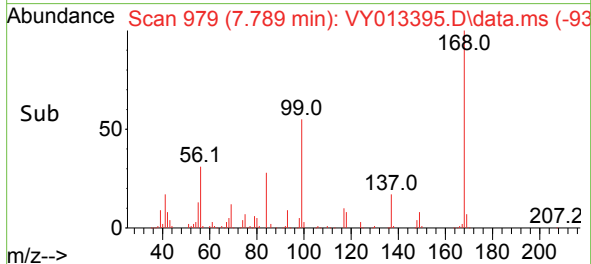
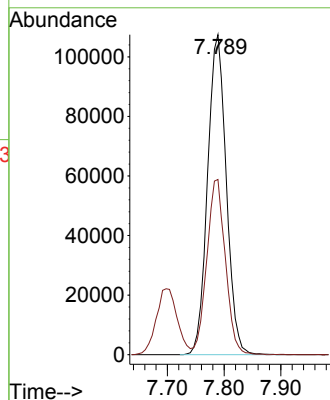
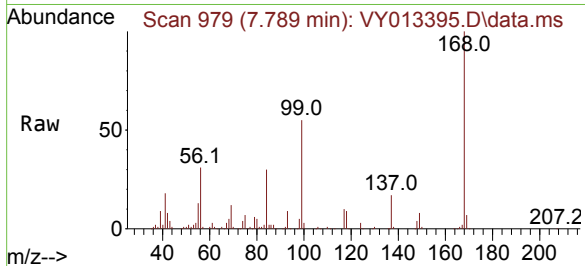




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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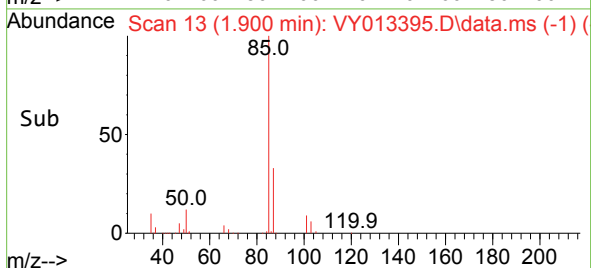
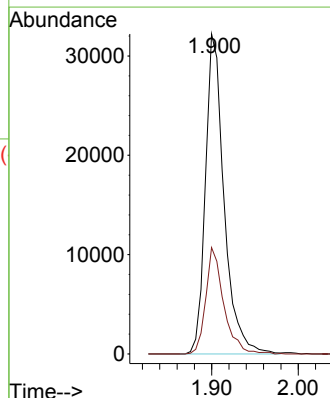
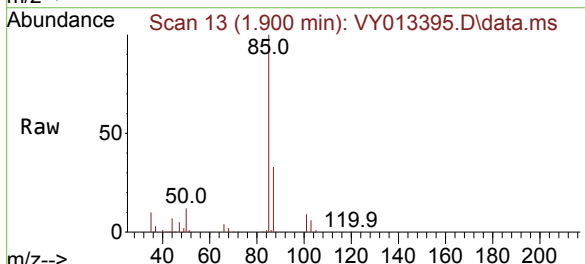
Instrument :
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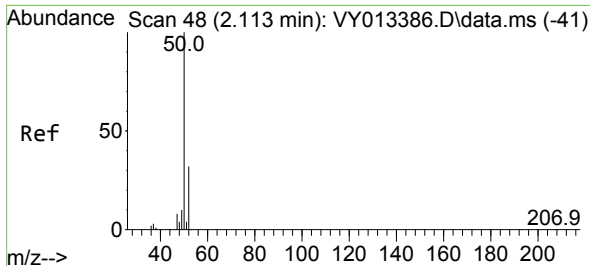
Tgt Ion:168 Resp: 245811
Ion Ratio Lower Upper
168 100
99 54.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 20.614 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 85 Resp: 48172
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

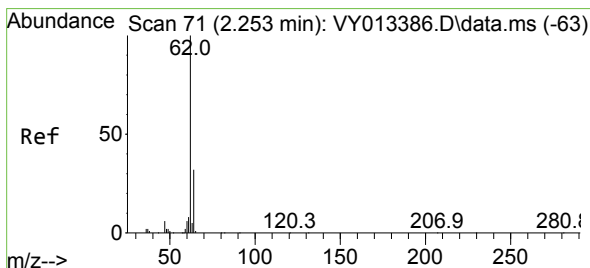
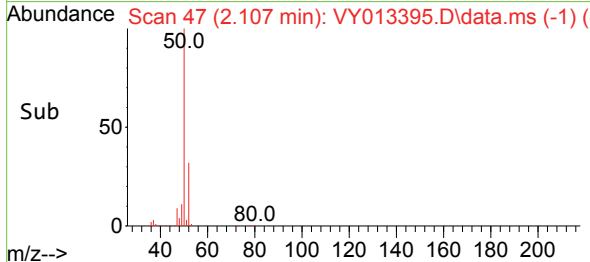
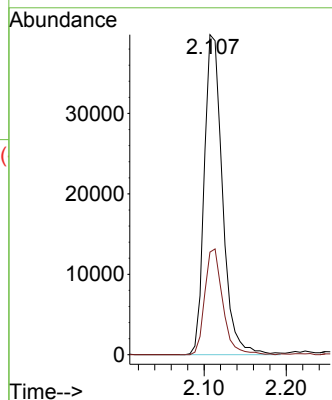
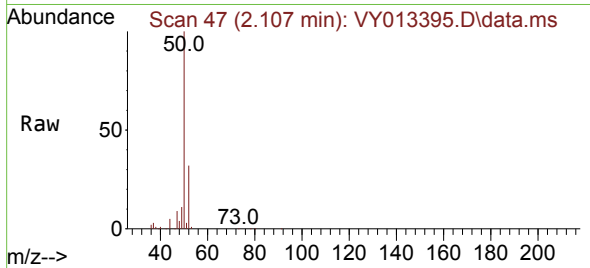




#3
Chloromethane
Concen: 19.536 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

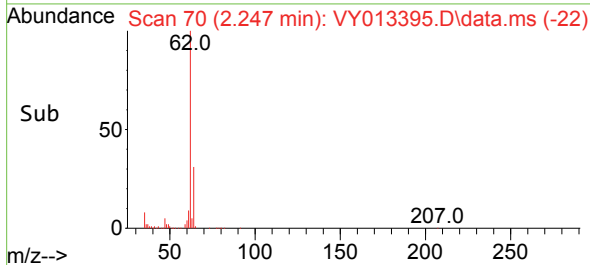
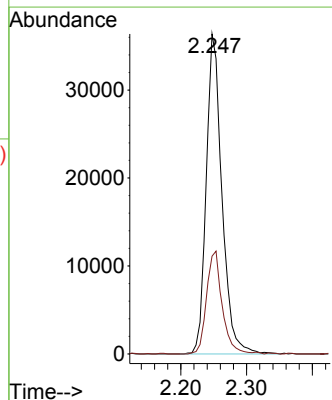
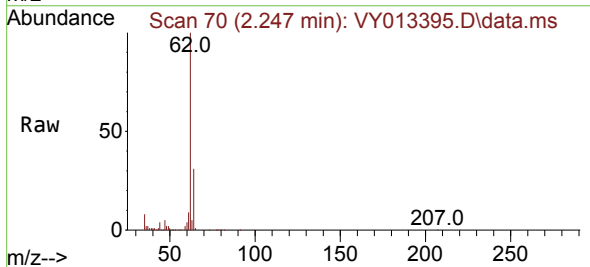
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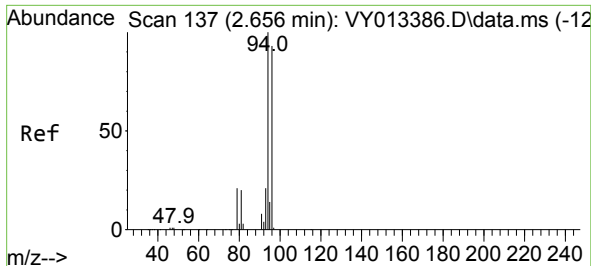
Tgt Ion: 50 Resp: 61195
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9



#4
Vinyl Chloride
Concen: 19.416 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 62 Resp: 60556
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0

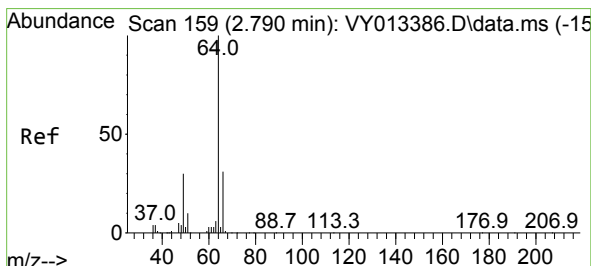
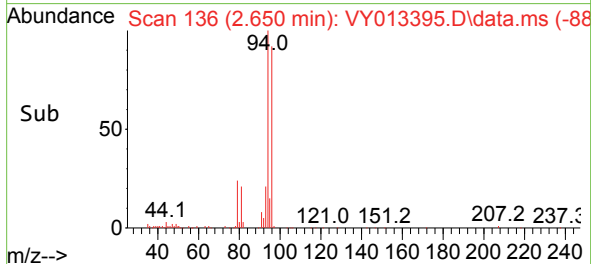
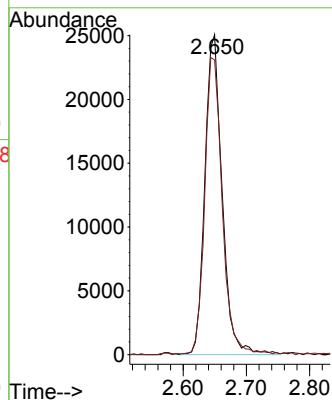
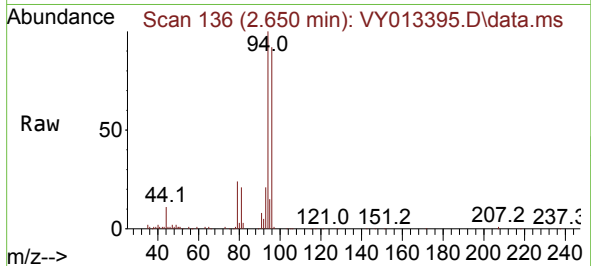




#5
Bromomethane
Concen: 19.147 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013395.D
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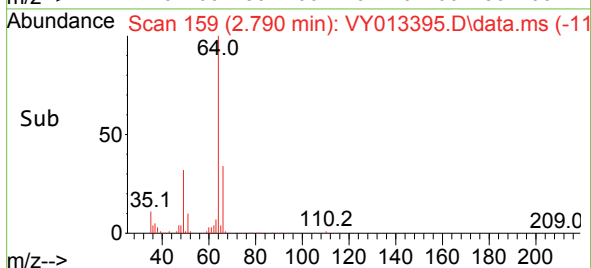
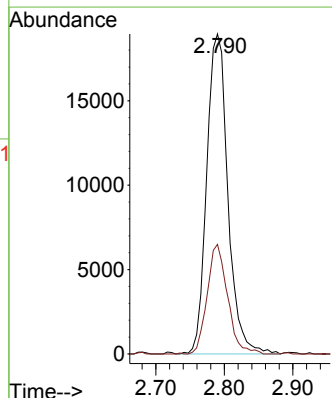
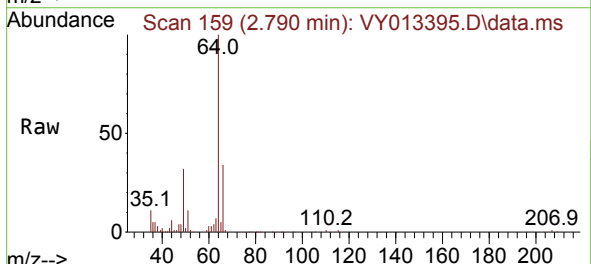
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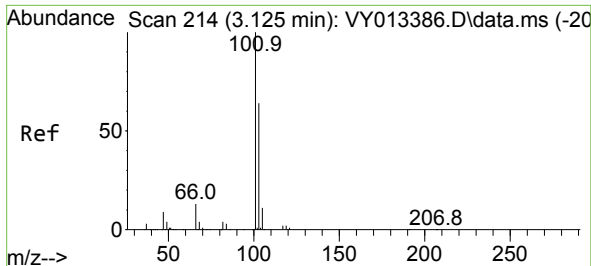
Tgt Ion: 94 Resp: 47588
Ion Ratio Lower Upper
94 100
96 91.8 74.2 111.2



#6
Chloroethane
Concen: 18.888 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 64 Resp: 40698
Ion Ratio Lower Upper
64 100
66 34.3 24.6 37.0

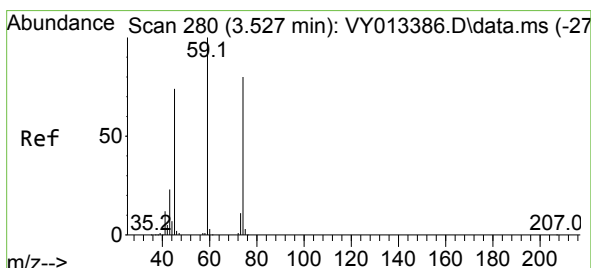
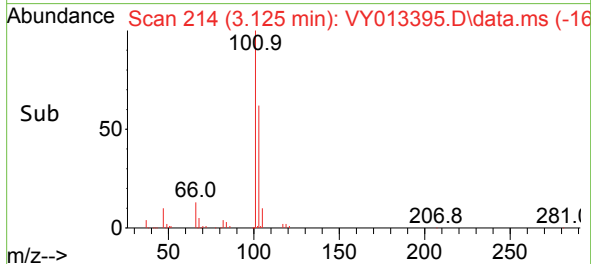
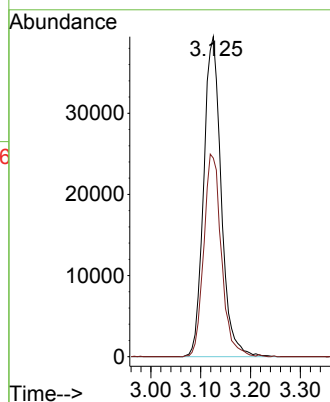
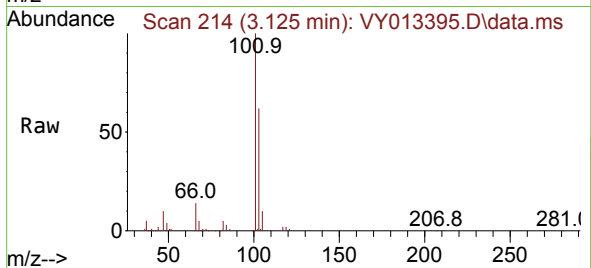




#7
Trichlorofluoromethane
Concen: 20.376 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

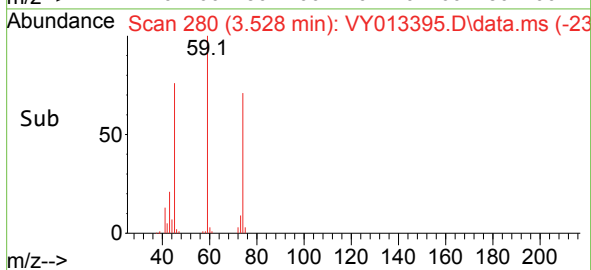
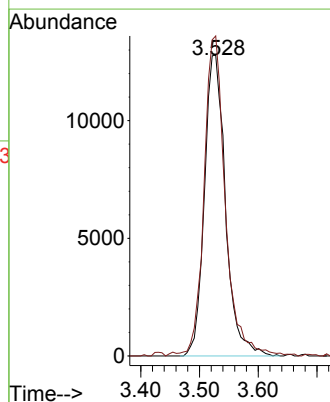
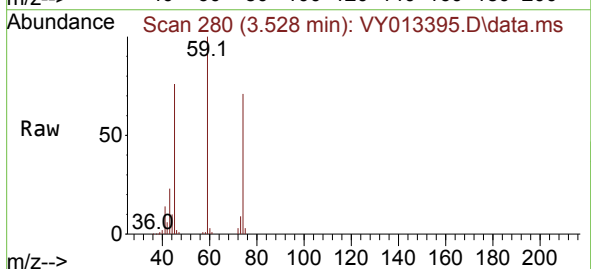
Instrument :
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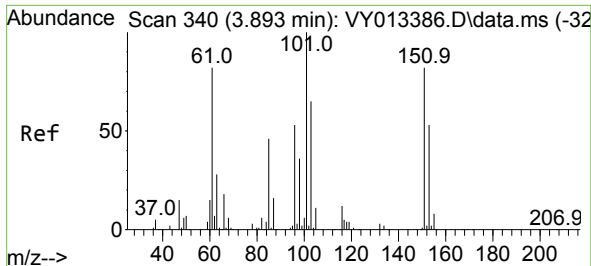
Tgt Ion:101 Resp: 96275
Ion Ratio Lower Upper
101 100
103 62.1 51.6 77.4



#8
Diethyl Ether
Concen: 19.840 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 31922
Ion Ratio Lower Upper
74 100
45 107.2 48.2 144.6

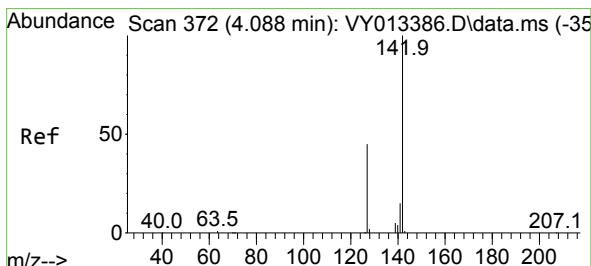
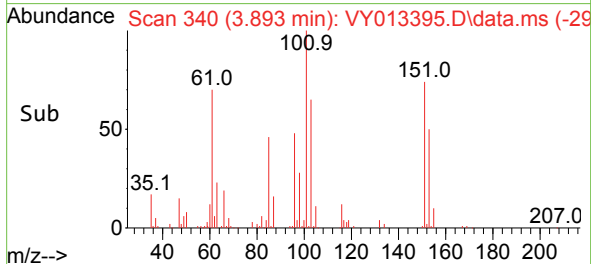
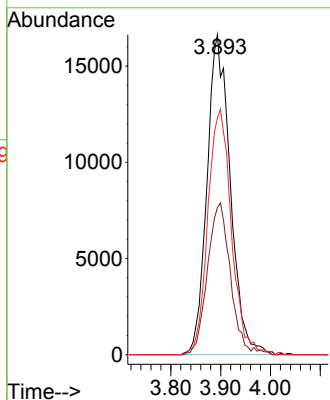
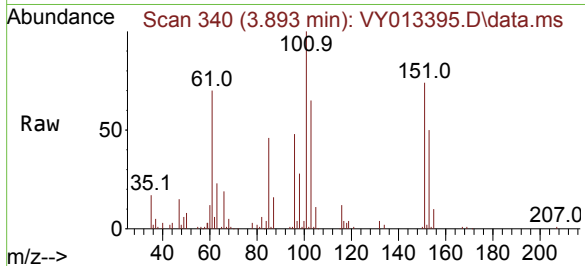




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.365 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

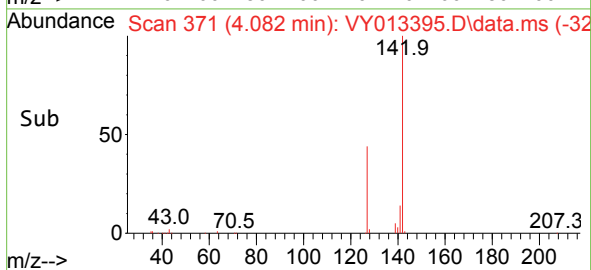
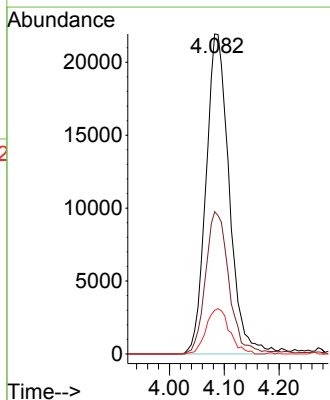
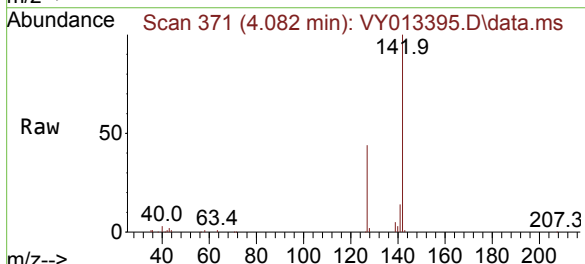
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

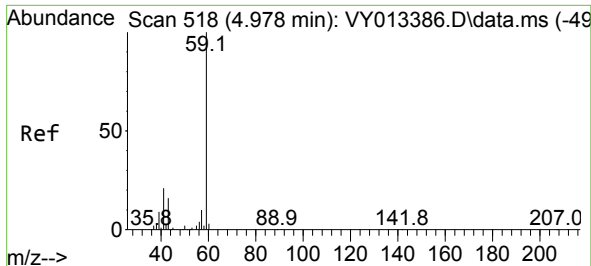
Tgt Ion:101 Resp: 53972
Ion Ratio Lower Upper
101 100
85 46.9 35.6 53.4
151 77.5 68.0 102.0



#10
Methyl Iodide
Concen: 19.367 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion:142 Resp: 64466
Ion Ratio Lower Upper
142 100
127 45.5 36.1 54.1
141 14.3 11.6 17.4

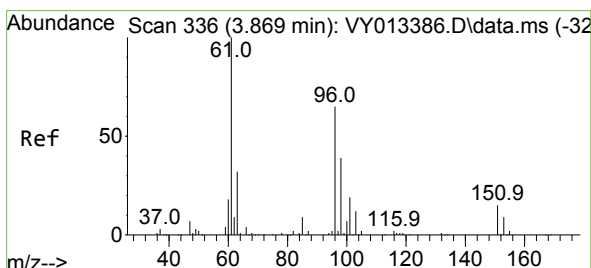
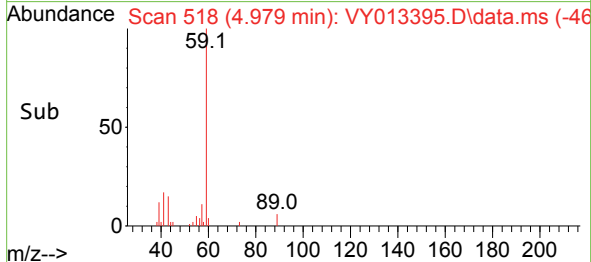
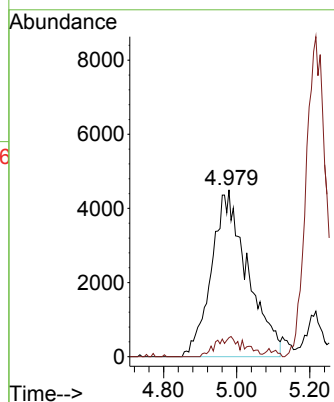
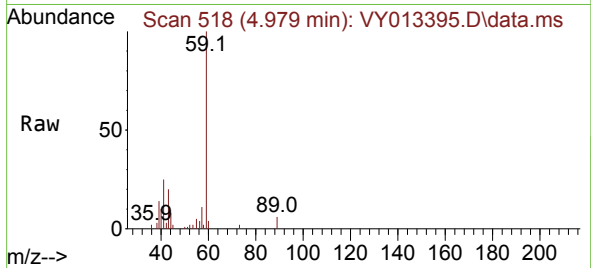




#11
Tert butyl alcohol
Concen: 102.081 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

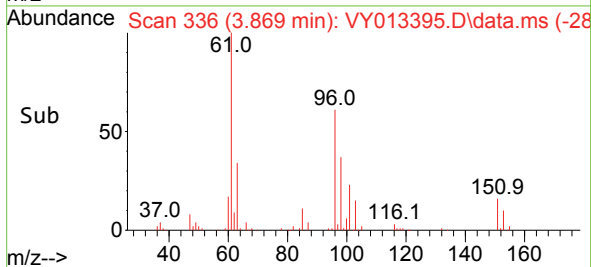
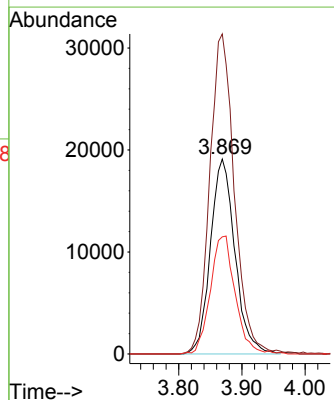
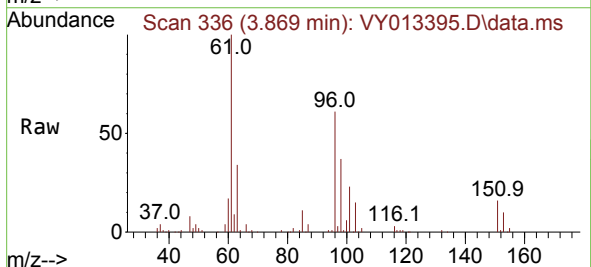
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

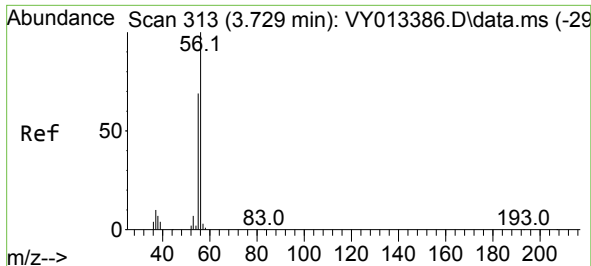
Tgt Ion: 59 Resp: 30721
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.105 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 96 Resp: 51363
Ion Ratio Lower Upper
96 100
61 164.2 123.9 185.9
98 60.1 48.9 73.3





#13

Acrolein

Concen: 118.586 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

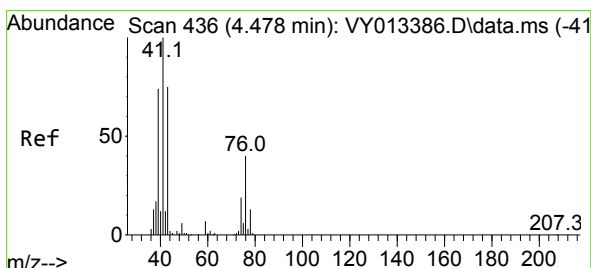
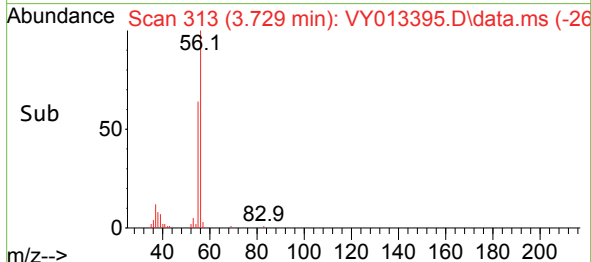
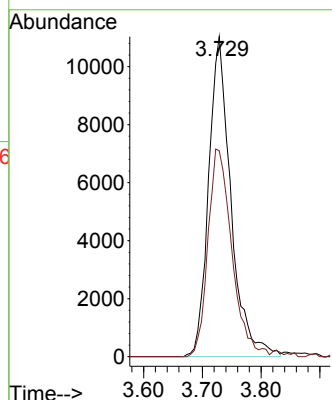
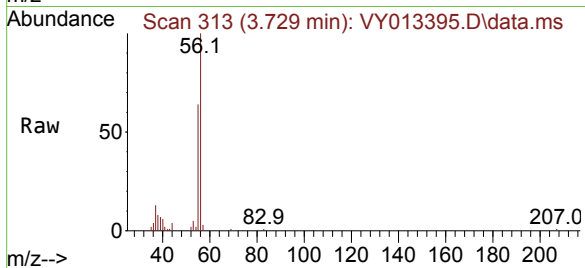
VSTDICC020

Tgt Ion: 56 Resp: 29016

Ion Ratio Lower Upper

56 100

55 69.8 54.1 81.1



#14

Allyl chloride

Concen: 19.695 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

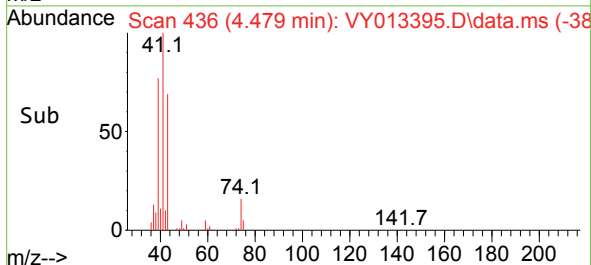
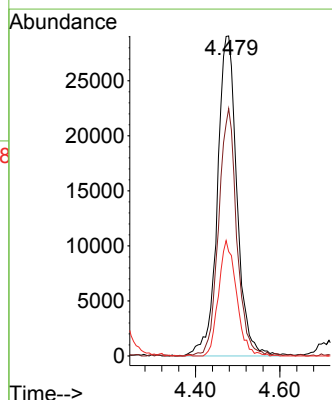
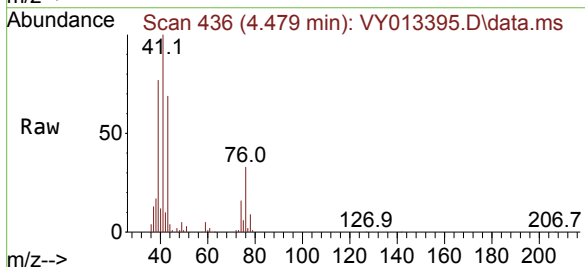
Tgt Ion: 41 Resp: 93360

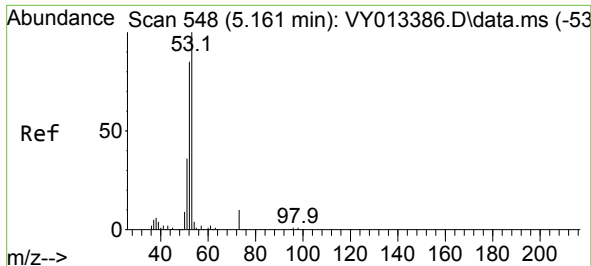
Ion Ratio Lower Upper

41 100

39 71.7 56.6 85.0

76 33.1 30.5 45.7

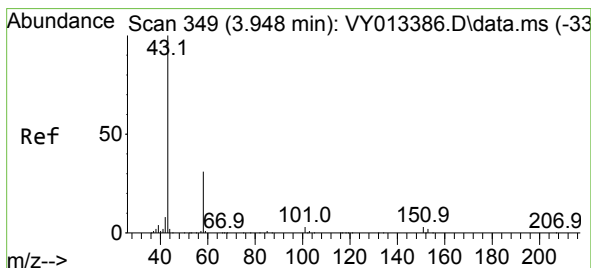
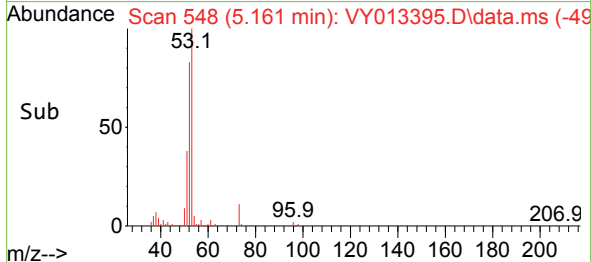
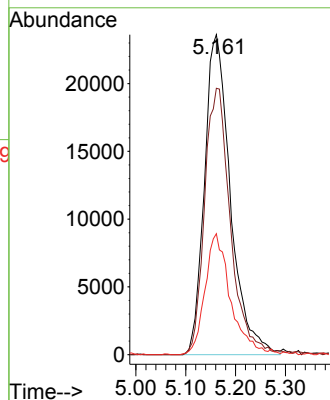
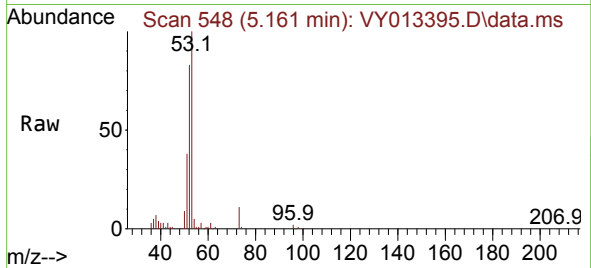




#15
Acrylonitrile
Concen: 94.774 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

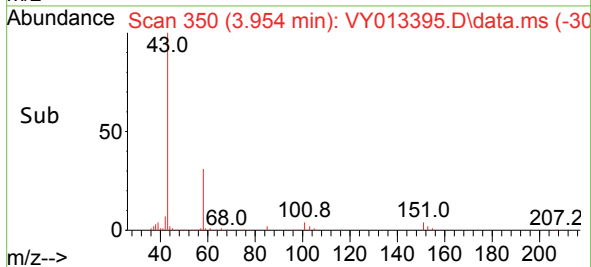
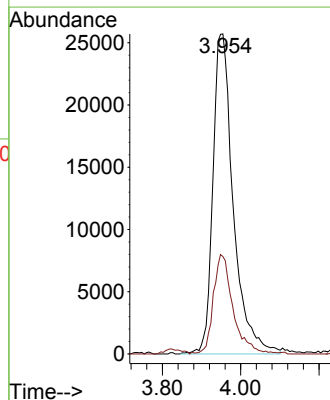
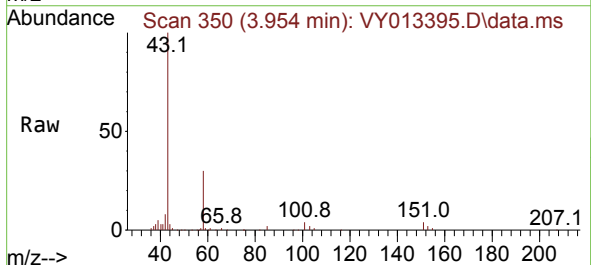
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

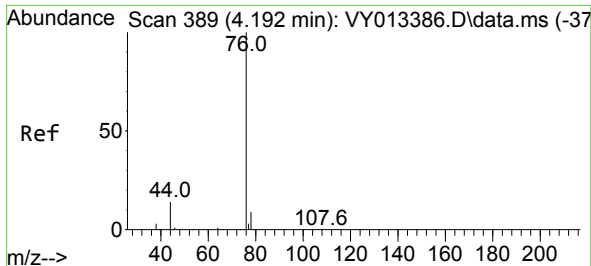
Tgt Ion: 53 Resp: 85400
Ion Ratio Lower Upper
53 100
52 82.6 65.4 98.0
51 36.9 29.3 43.9



#16
Acetone
Concen: 87.587 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 43 Resp: 92945
Ion Ratio Lower Upper
43 100
58 30.0 25.4 38.0

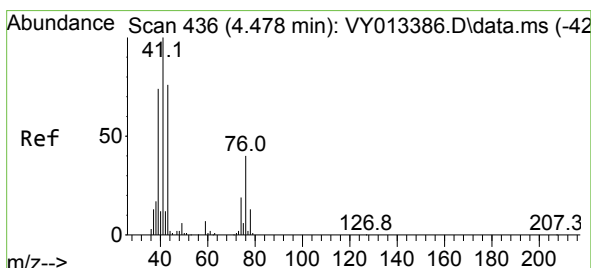
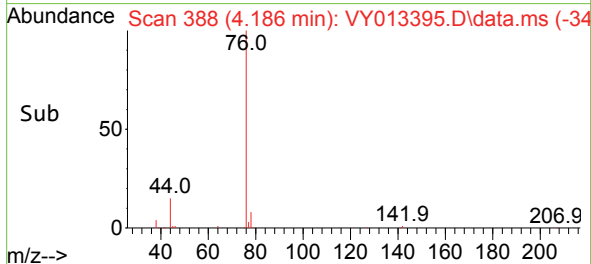
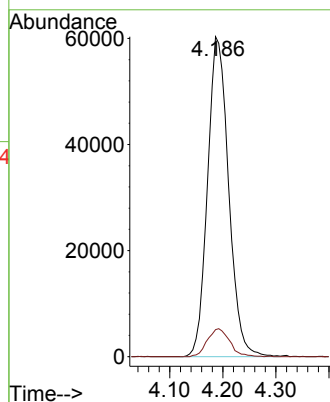
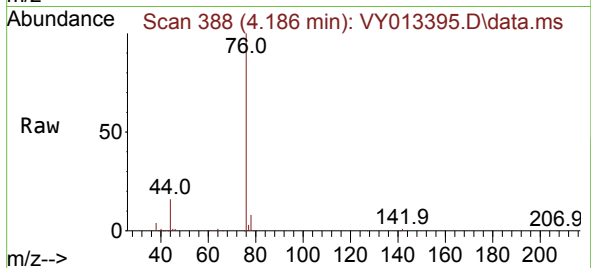




#17
Carbon Disulfide
Concen: 20.085 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

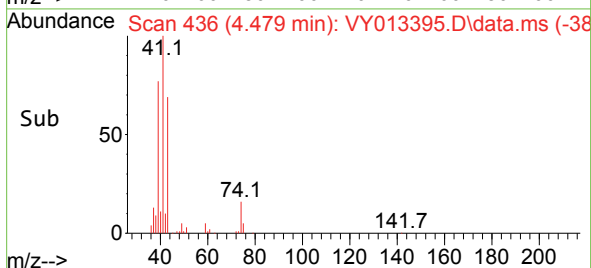
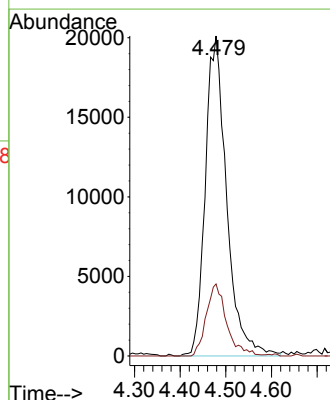
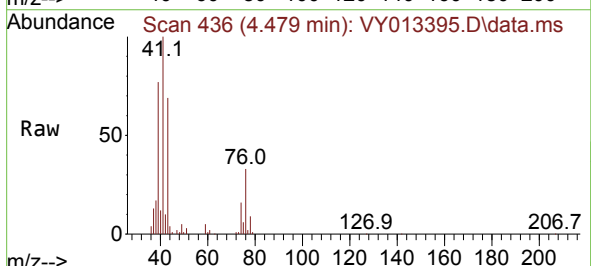
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

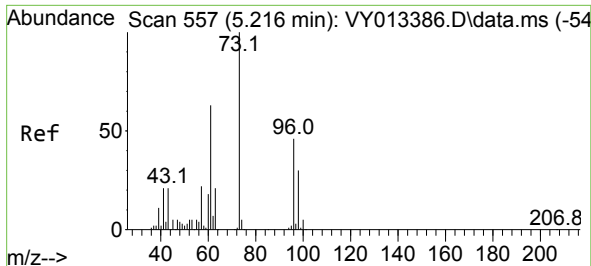
Tgt Ion: 76 Resp: 166673
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 18.600 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 43 Resp: 65189
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2

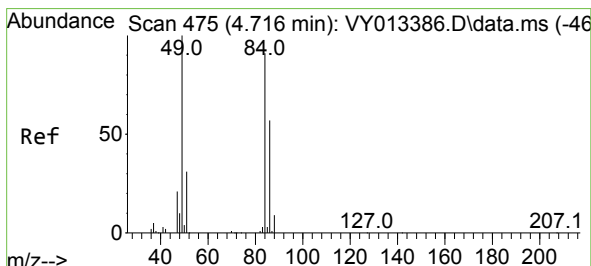
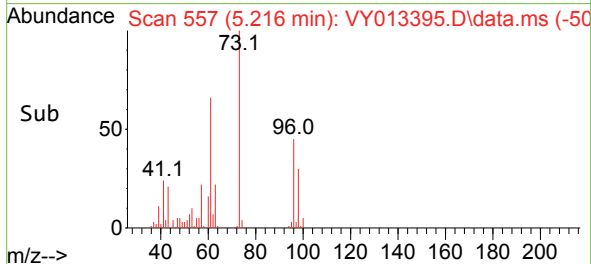
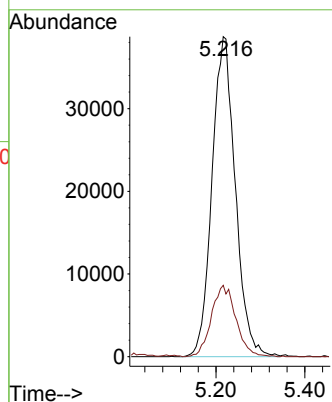
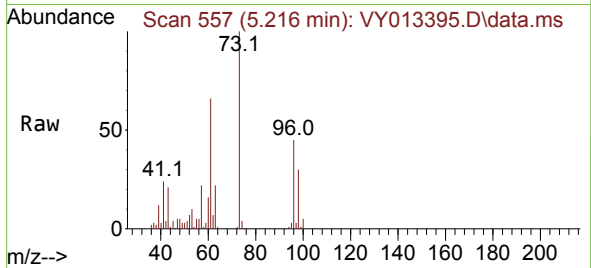




#19
Methyl tert-butyl Ether
Concen: 19.072 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

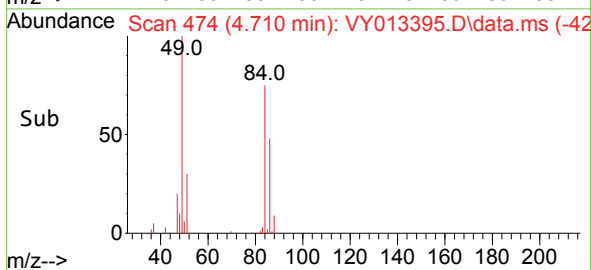
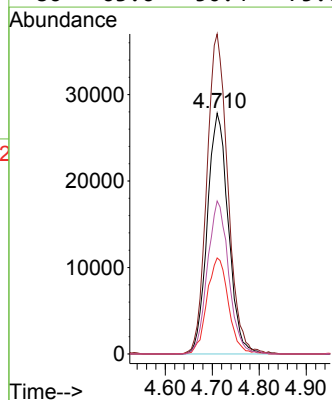
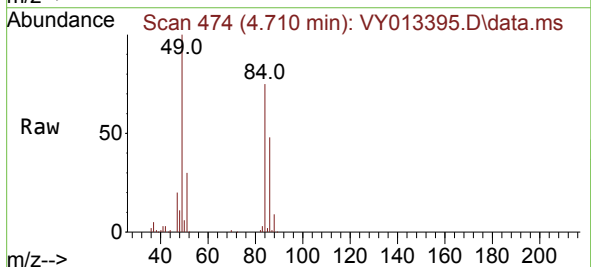
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

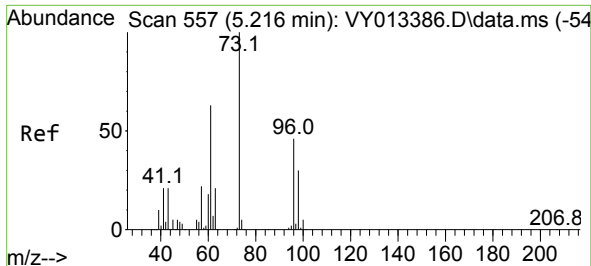
Tgt Ion: 73 Resp: 140665
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 21.378 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 84 Resp: 86463
Ion Ratio Lower Upper
84 100
49 133.0 88.0 132.0#
51 39.9 27.4 41.0
86 63.6 50.4 75.6

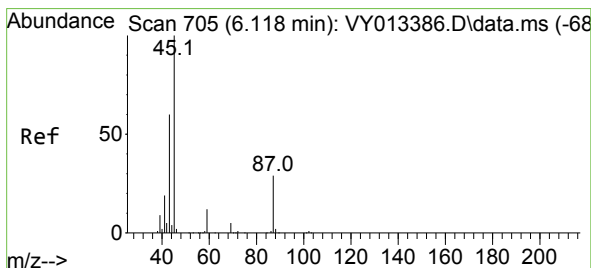
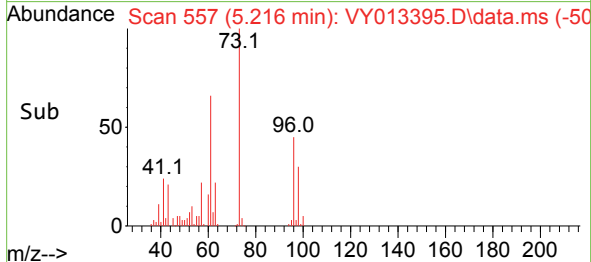
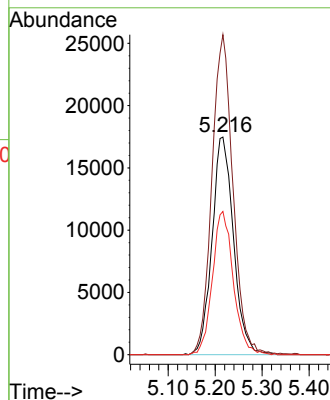
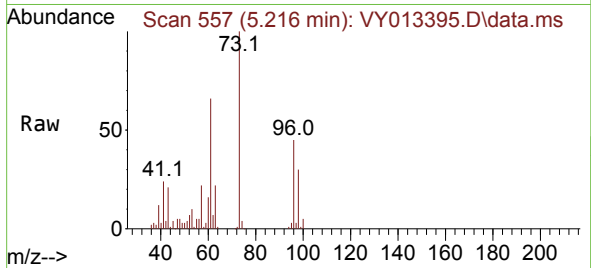




#21
trans-1,2-Dichloroethene
Concen: 19.846 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

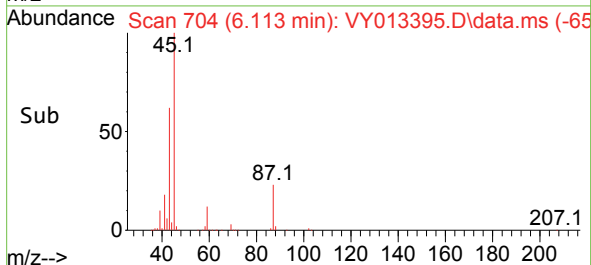
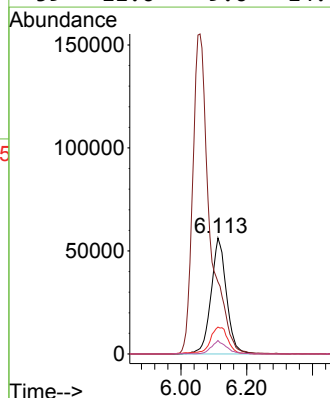
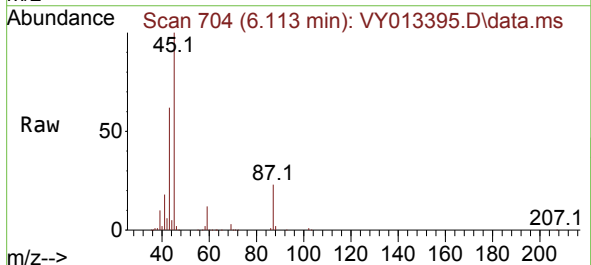
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

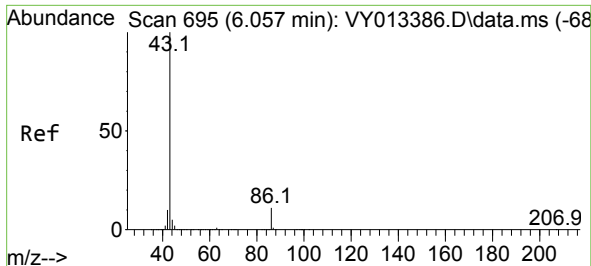
Tgt Ion: 96 Resp: 55435
Ion Ratio Lower Upper
96 100
61 147.1 110.6 165.8
98 65.8 53.1 79.7



#22
Diisopropyl ether
Concen: 19.785 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 45 Resp: 183311
Ion Ratio Lower Upper
45 100
43 61.8 48.4 72.6
87 23.1 23.8 35.6#
59 11.6 9.6 14.4

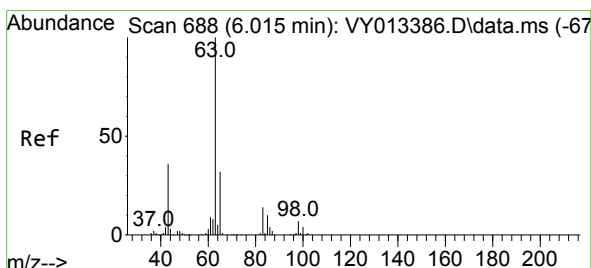
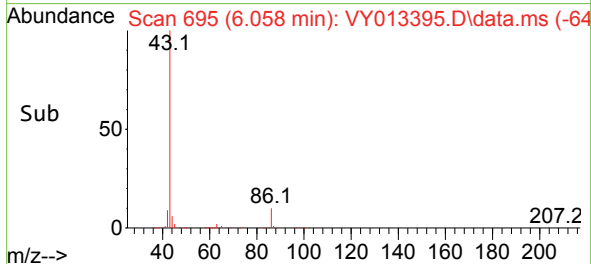
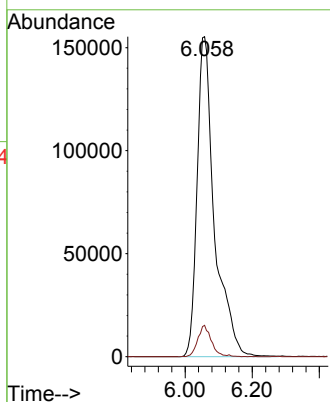
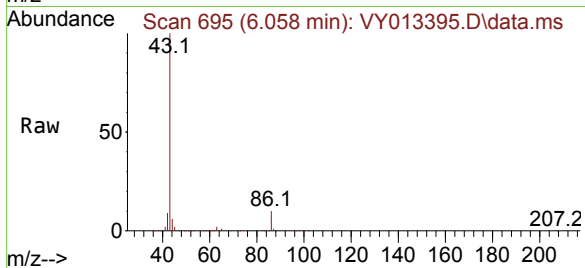




#23
 Vinyl Acetate
 Concen: 105.581 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

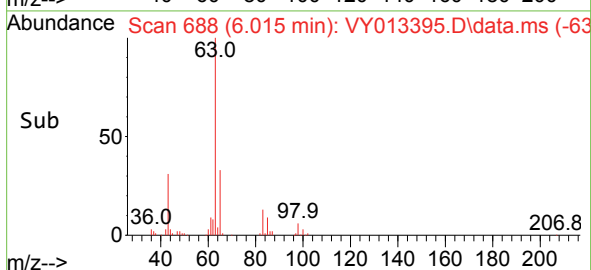
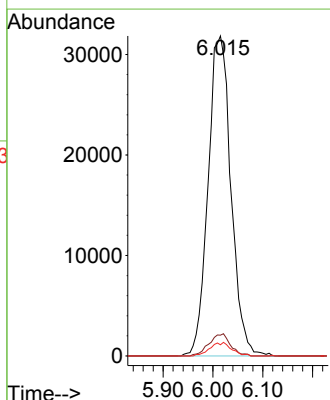
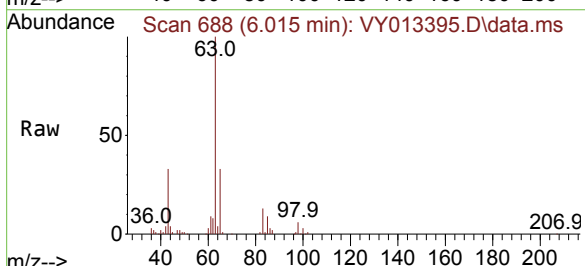
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

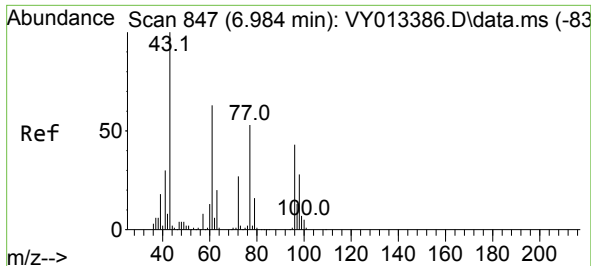
Tgt Ion: 43 Resp: 558052
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.686 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

Tgt Ion: 63 Resp: 101651
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 3.5 2.2 6.6

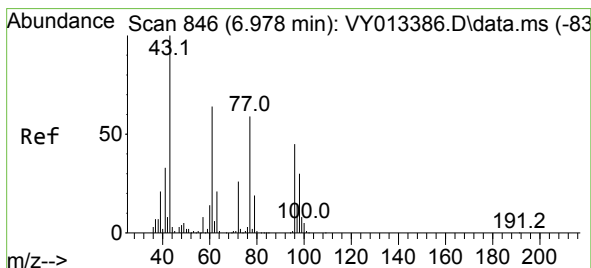
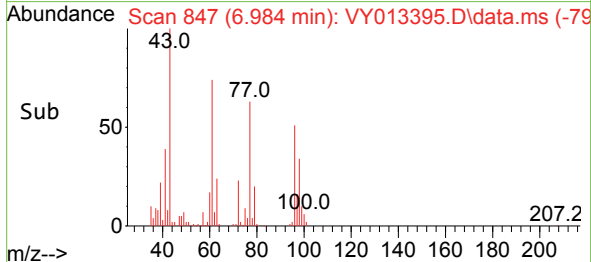
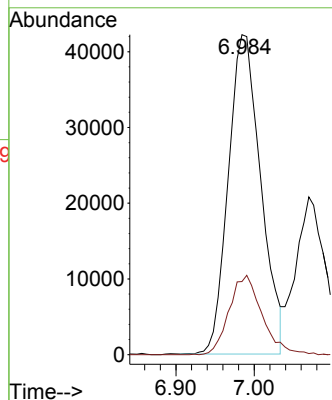
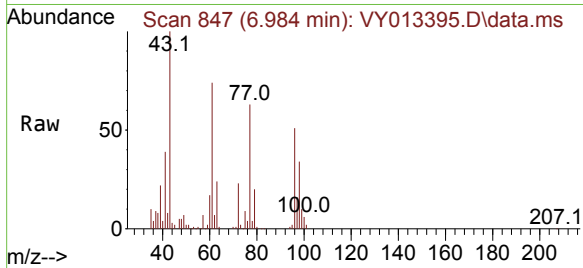




#25
2-Butanone
Concen: 90.262 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

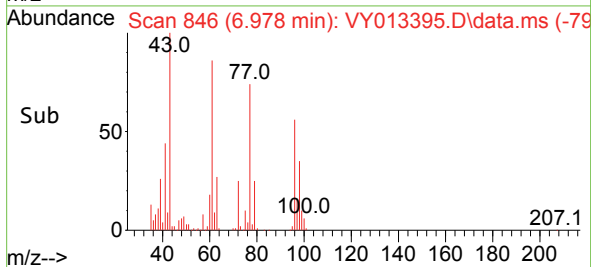
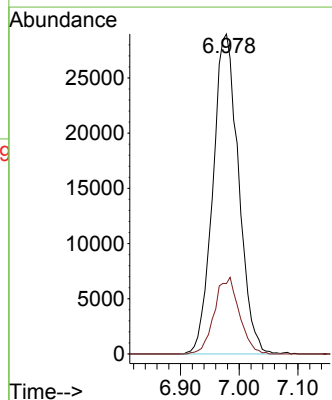
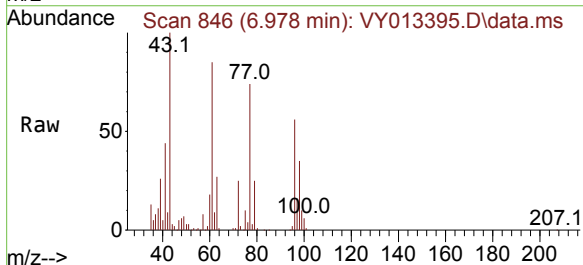
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

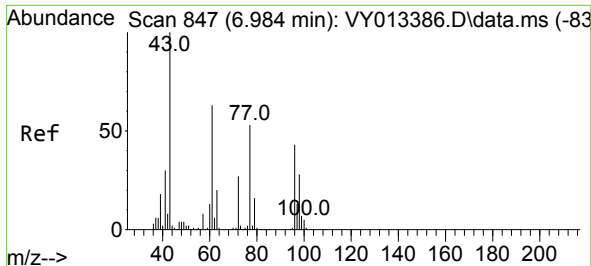
Tgt Ion: 43 Resp: 121474
Ion Ratio Lower Upper
43 100
72 22.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 19.780 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 77 Resp: 88014
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.679 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

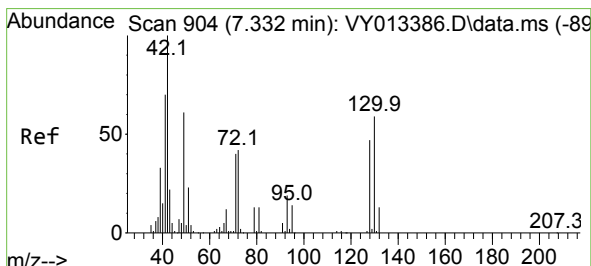
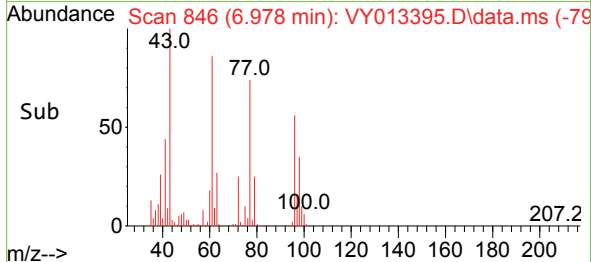
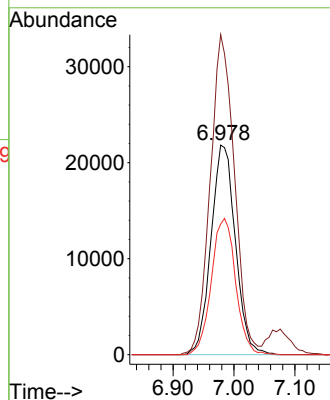
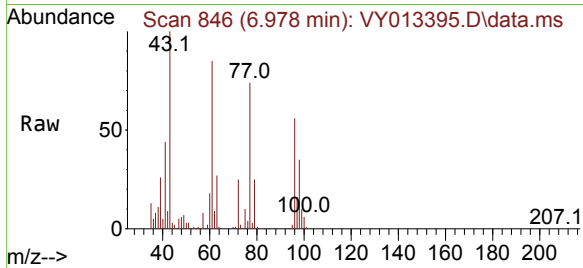
Tgt Ion: 96 Resp: 60731

Ion Ratio Lower Upper

96 100

61 151.3 0.0 285.0

98 64.9 0.0 130.6



#28

Bromochloromethane

Concen: 20.969 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

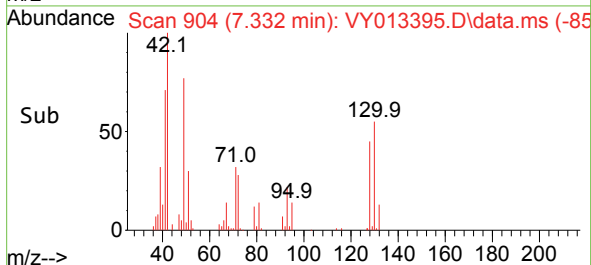
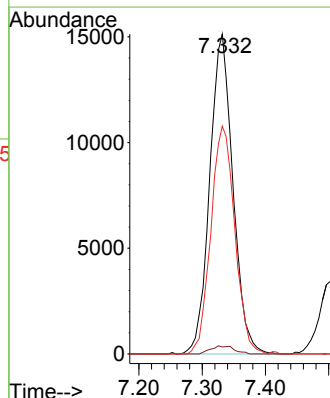
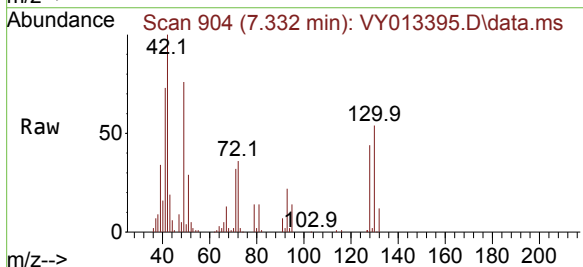
Tgt Ion: 49 Resp: 38424

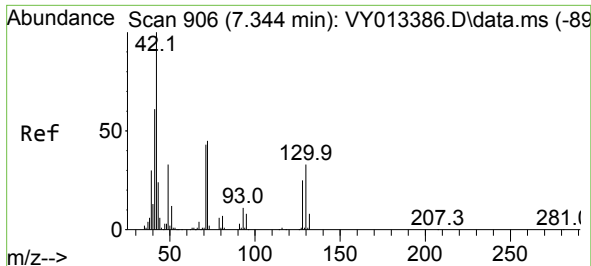
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 73.5 72.1 108.1

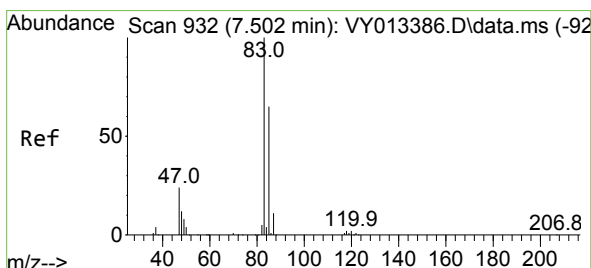
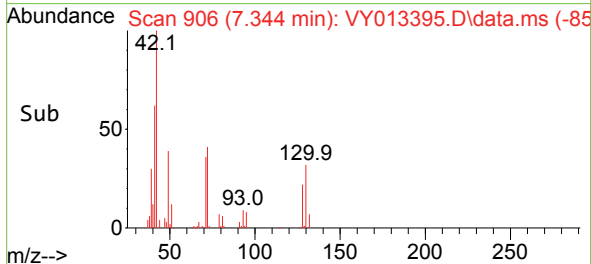
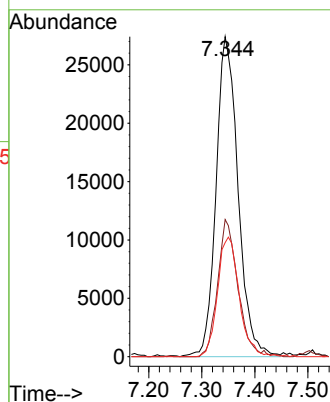
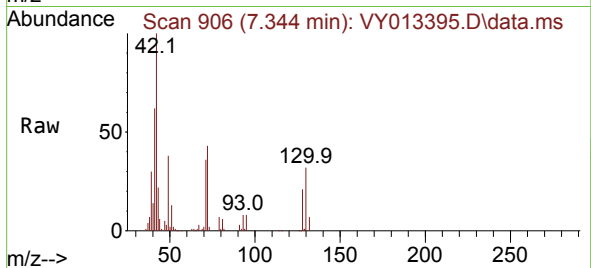




#29
Tetrahydrofuran
Concen: 94.277 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

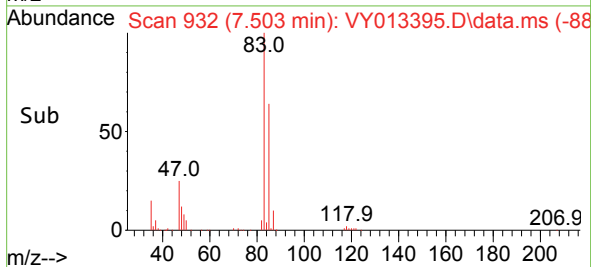
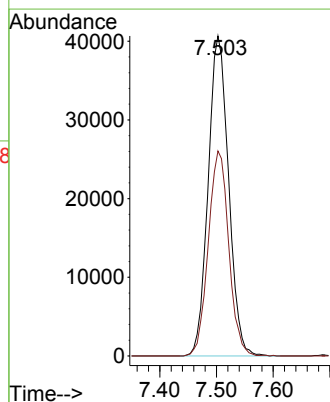
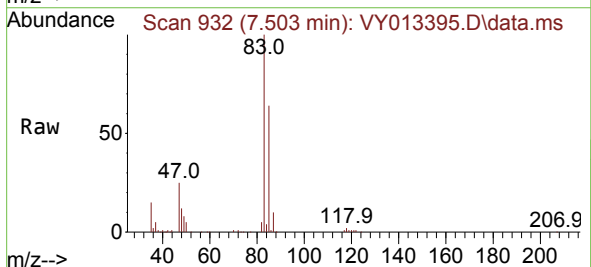
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

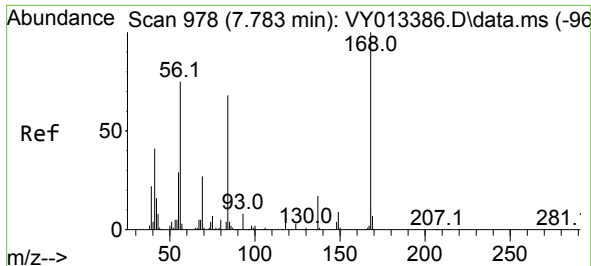
Tgt Ion: 42 Resp: 78979
Ion Ratio Lower Upper
42 100
72 39.7 35.9 53.9
71 36.8 34.3 51.5



#30
Chloroform
Concen: 19.768 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 83 Resp: 101488
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0

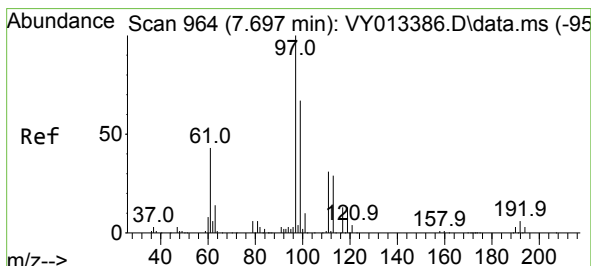
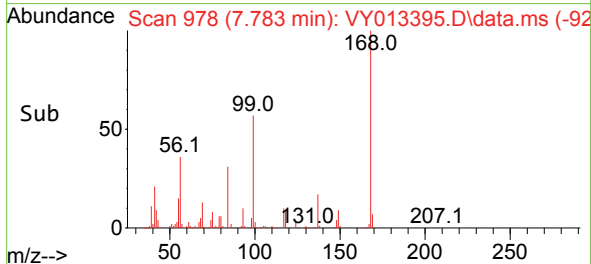
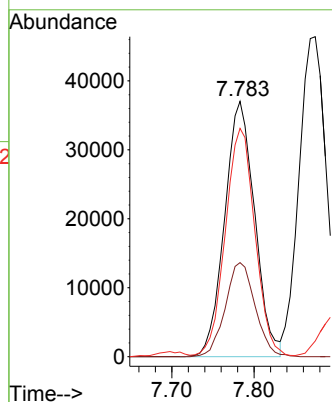
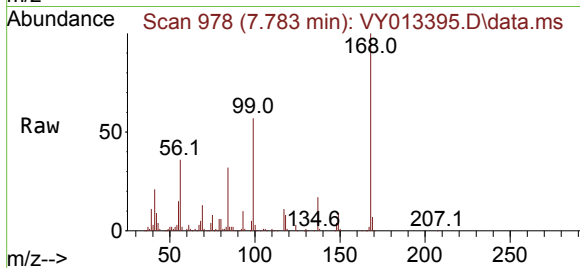




#31
Cyclohexane
Concen: 19.540 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

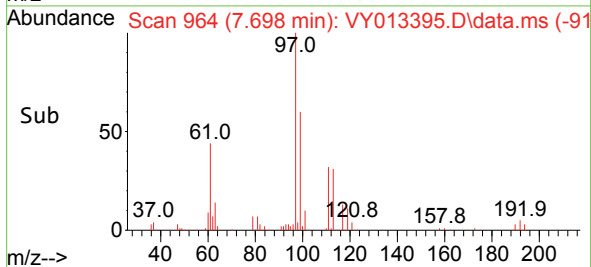
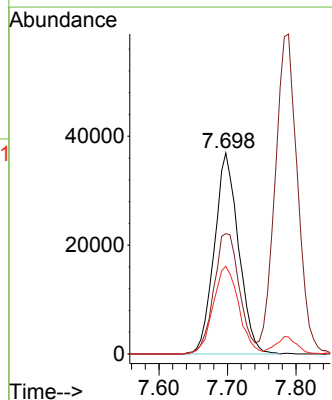
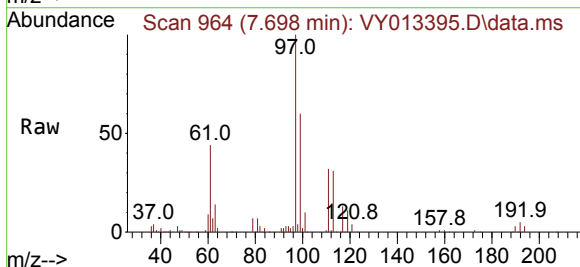
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

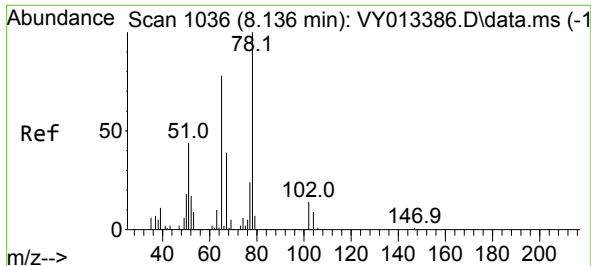
Tgt Ion: 56 Resp: 94271
Ion Ratio Lower Upper
56 100
69 36.8 29.2 43.8
84 87.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 19.780 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 97 Resp: 90621
Ion Ratio Lower Upper
97 100
99 63.2 52.2 78.2
61 46.3 33.8 50.8

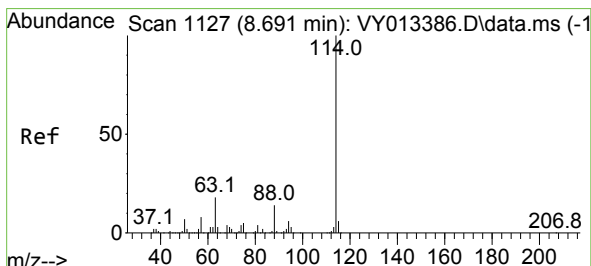
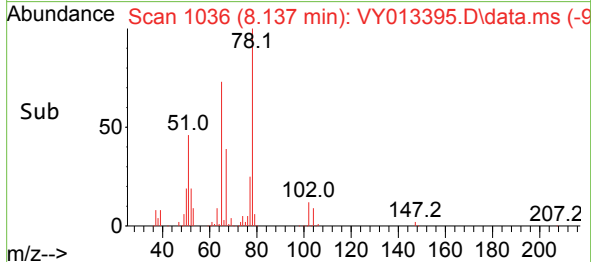
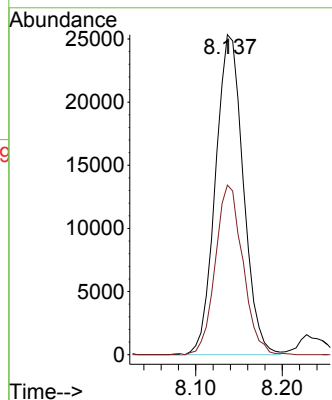
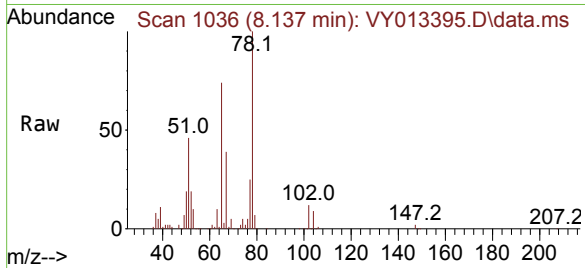




#33
1,2-Dichloroethane-d4
Concen: 20.994 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

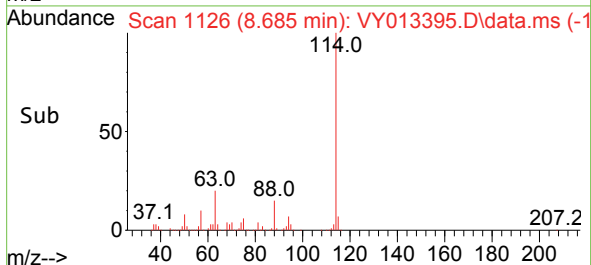
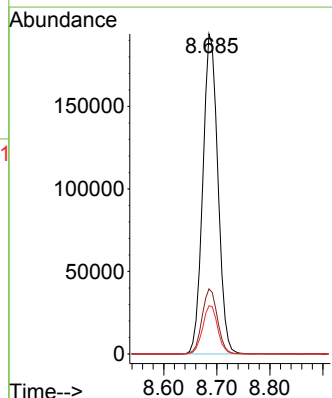
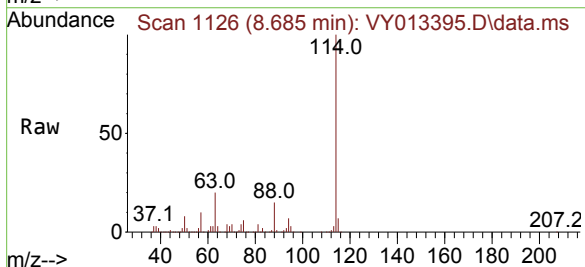
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

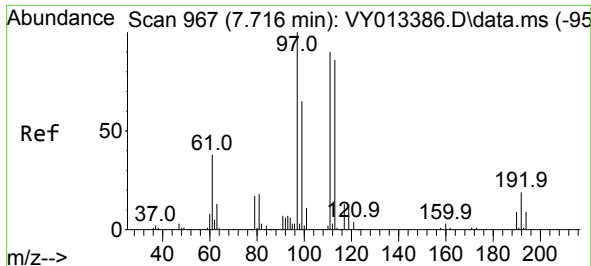
Tgt Ion: 65 Resp: 56571
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 114 Resp: 382909
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.6
88 15.0 0.0 28.8

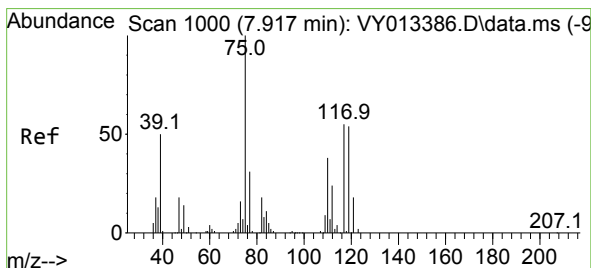
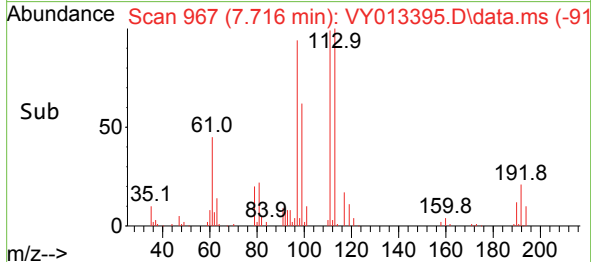
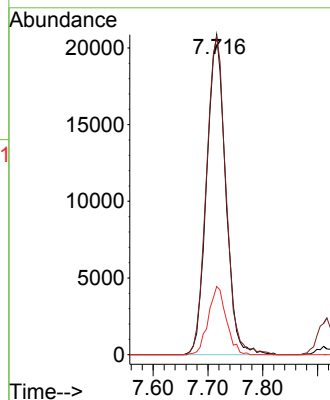
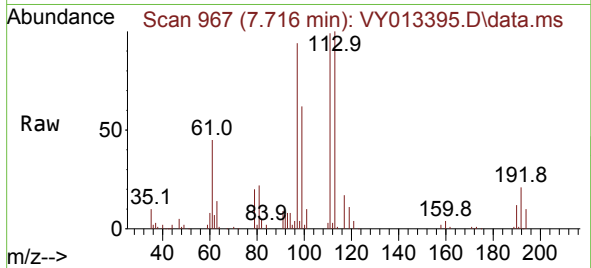




#35
Dibromofluoromethane
Concen: 20.773 ug/l
RT: 7.716 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

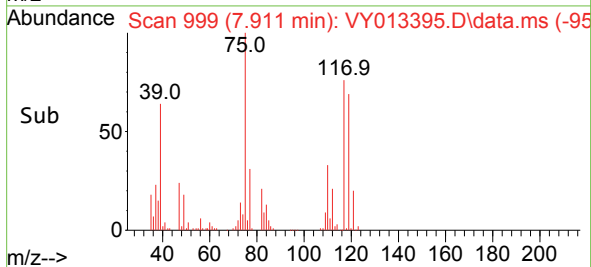
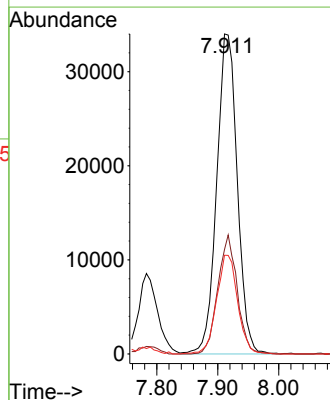
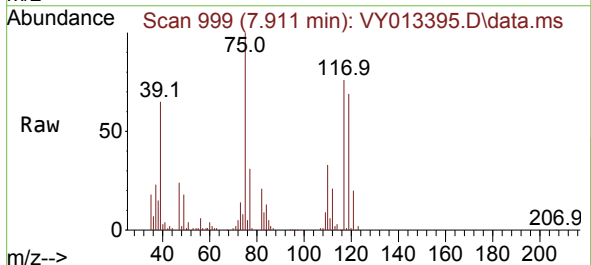
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

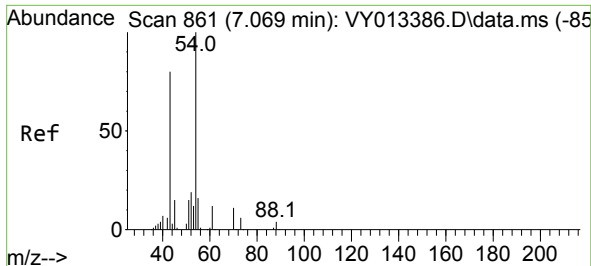
Tgt Ion:113 Resp: 50029
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 19.969 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 75 Resp: 79813
Ion Ratio Lower Upper
75 100
110 35.0 18.7 56.1
77 31.7 24.6 37.0

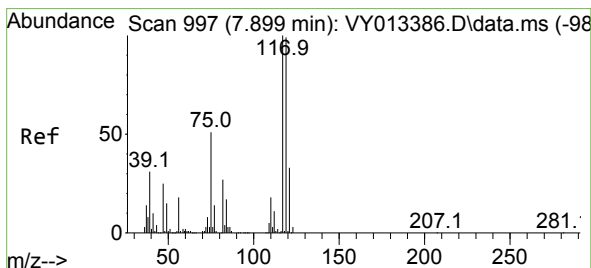
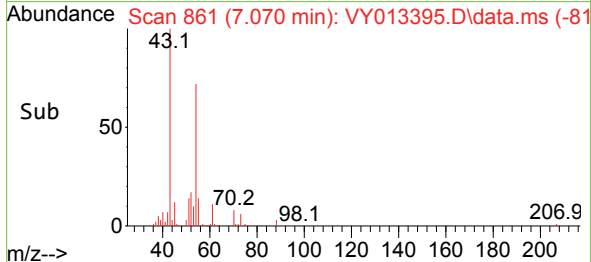
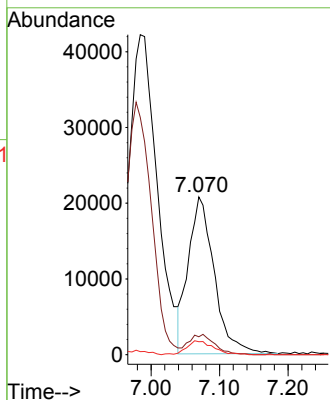
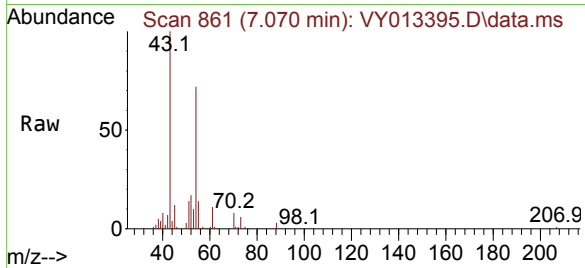




#37
Ethyl Acetate
Concen: 18.128 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

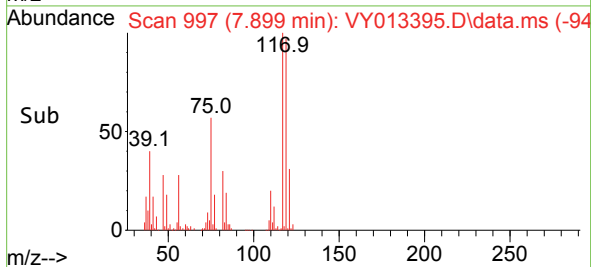
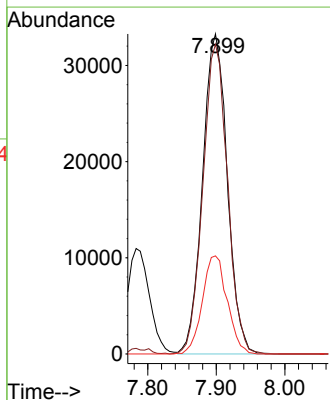
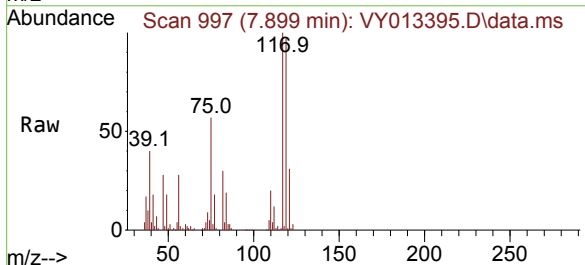
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

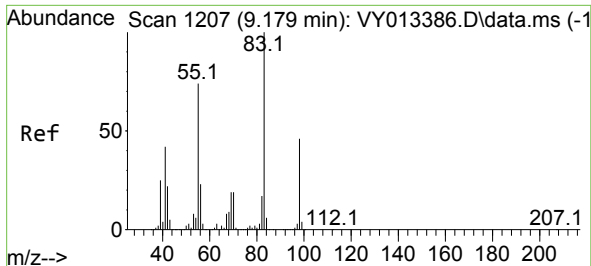
Tgt Ion:	43	Resp:	54525
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.4	17.0
70	9.1	7.9	11.9



#38
Carbon Tetrachloride
Concen: 19.961 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion:	117	Resp:	83620
Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.0	118.6
121	30.7	26.6	40.0

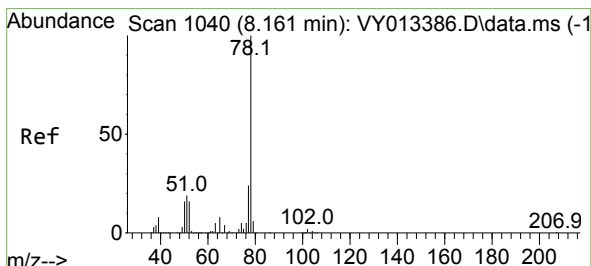
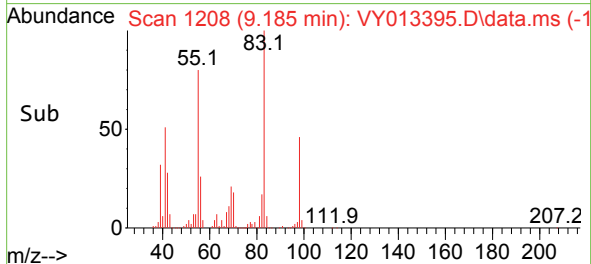
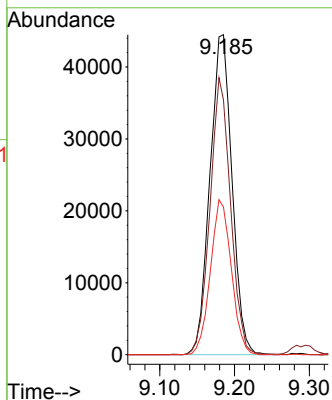
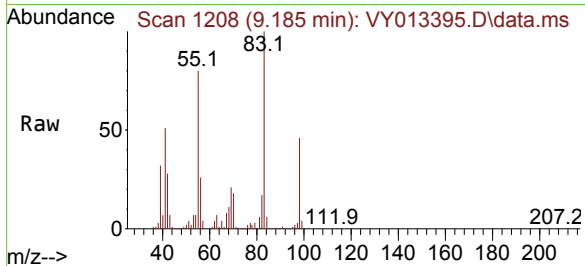




#39
Methylcyclohexane
Concen: 19.375 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

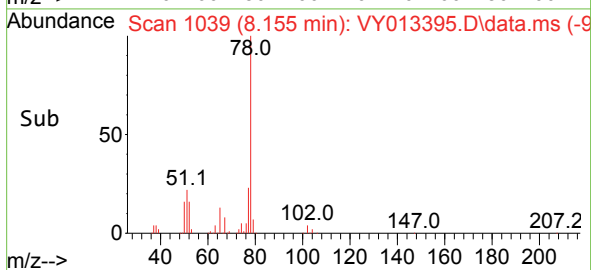
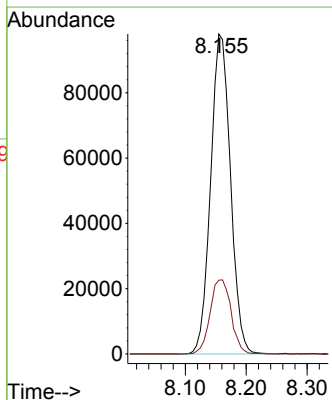
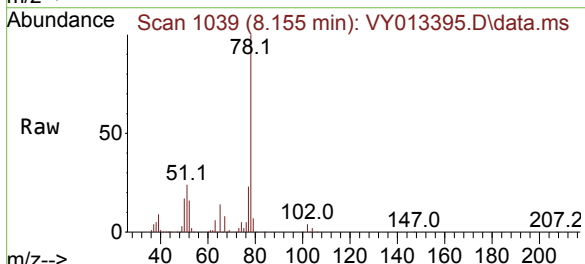
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

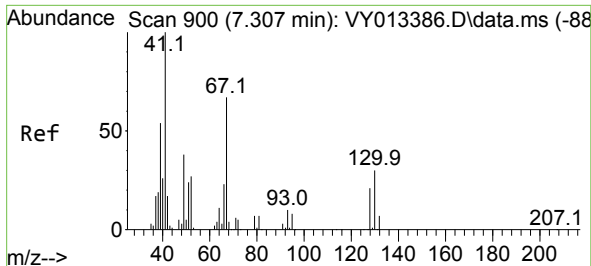
Tgt Ion: 83 Resp: 91293
Ion Ratio Lower Upper
83 100
55 79.5 59.0 88.4
98 46.1 37.0 55.4



#40
Benzene
Concen: 19.689 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 78 Resp: 221678
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8

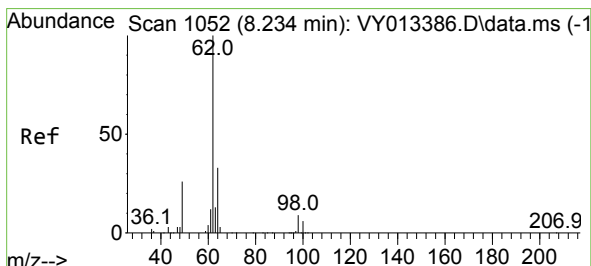
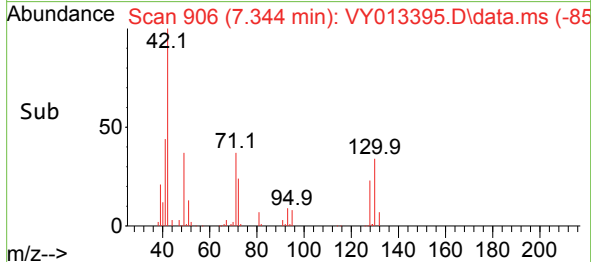
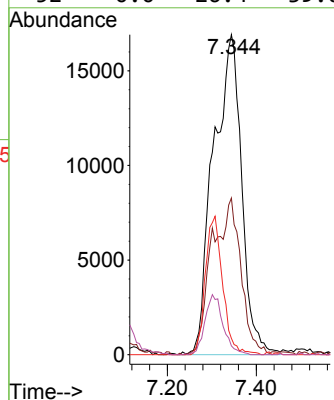
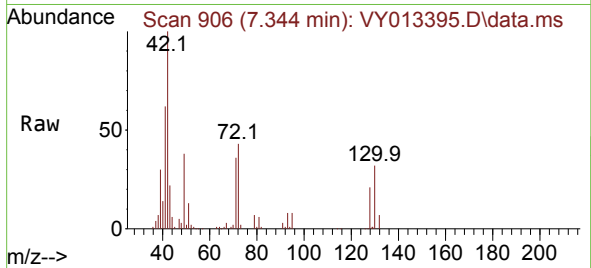




#41
Methacrylonitrile
Concen: 52.988 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

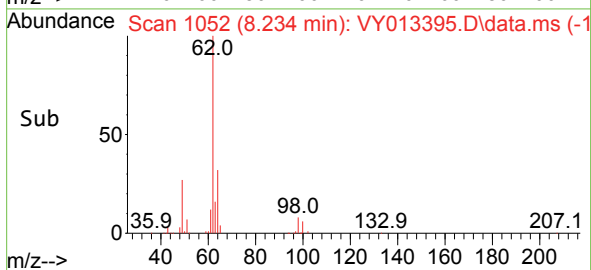
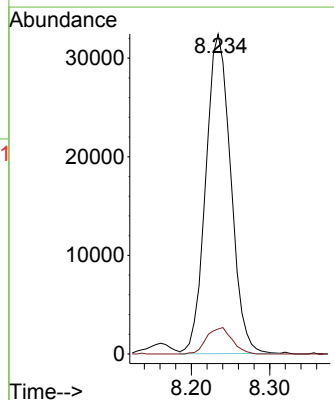
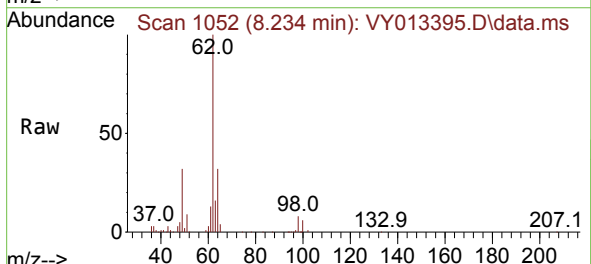
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

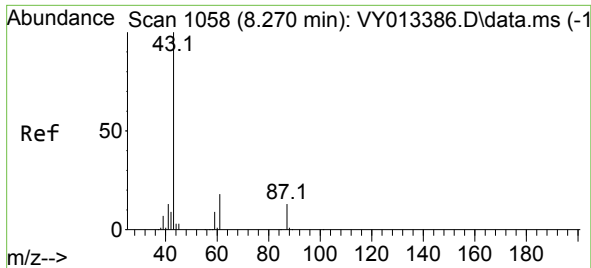
Tgt Ion: 41 Resp: 74430
Ion Ratio Lower Upper
41 100
39 26.3 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 19.493 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 62 Resp: 71753
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8

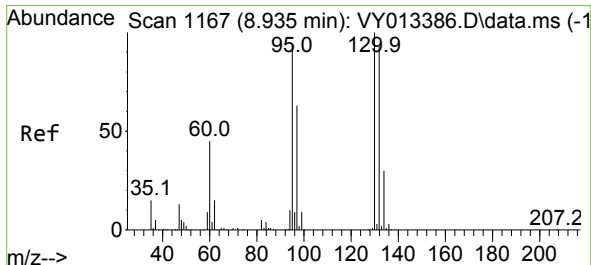
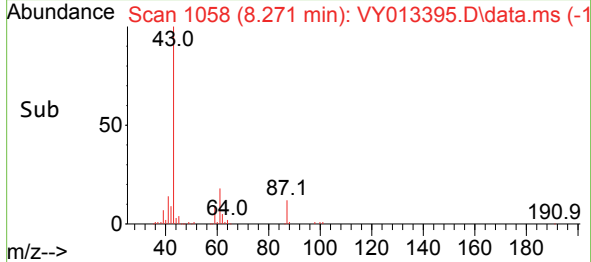
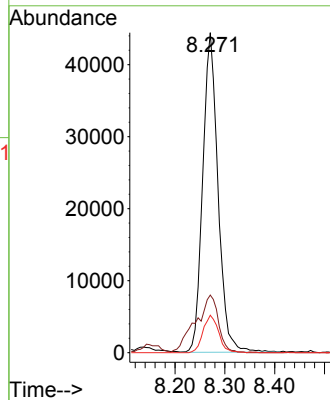
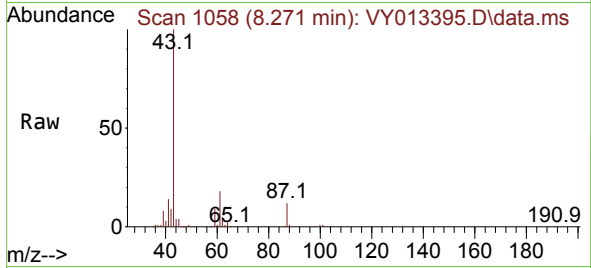




#43
Isopropyl Acetate
Concen: 18.607 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

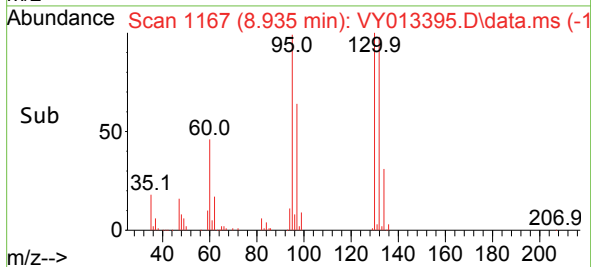
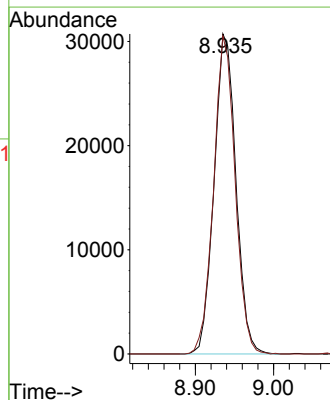
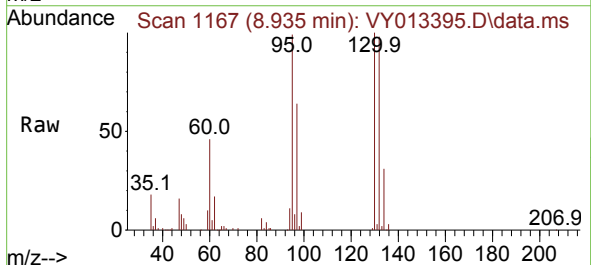
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

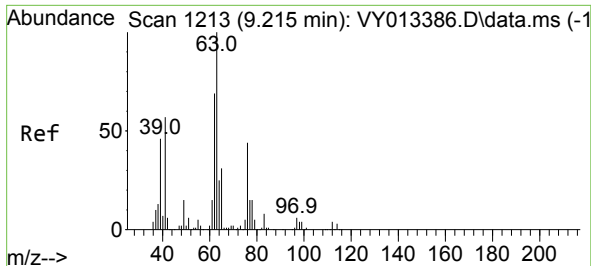
Tgt Ion: 43 Resp: 94466
Ion Ratio Lower Upper
43 100
61 27.1 22.2 33.4
87 11.9 11.0 16.6



#44
Trichloroethene
Concen: 19.887 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 130 Resp: 59560
Ion Ratio Lower Upper
130 100
95 99.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 19.794 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

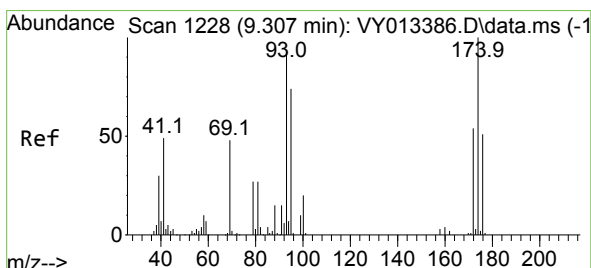
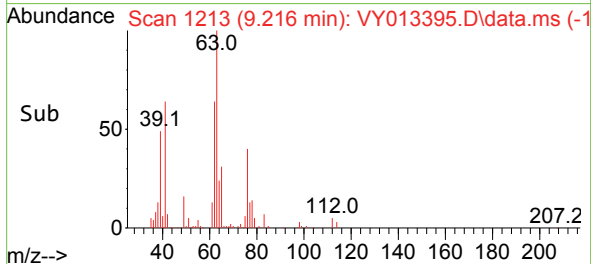
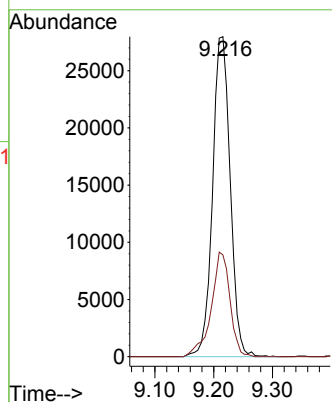
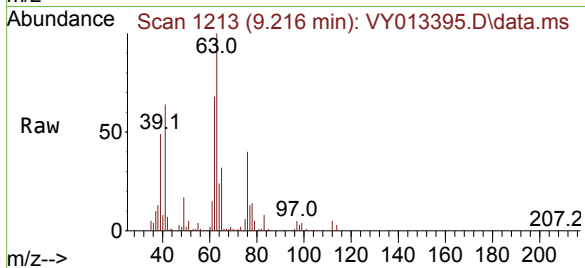
VSTDICC020

Tgt Ion: 63 Resp: 58269

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#46

Dibromomethane

Concen: 19.517 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

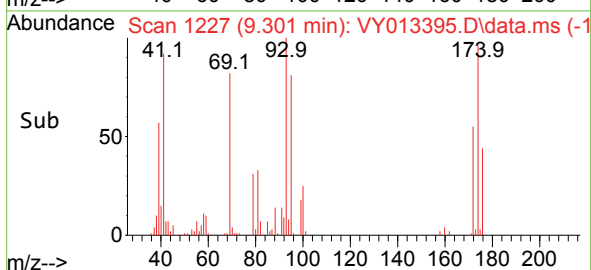
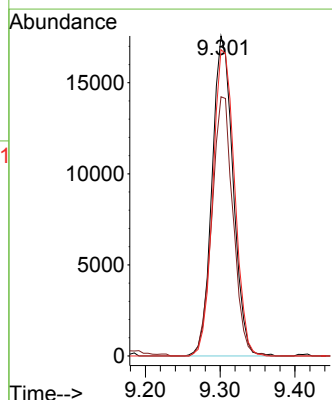
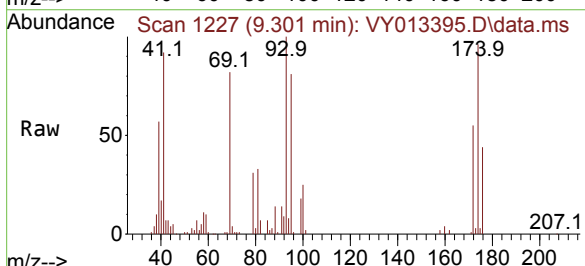
Tgt Ion: 93 Resp: 34378

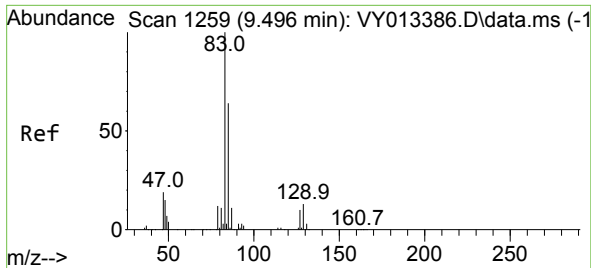
Ion Ratio Lower Upper

93 100

95 81.4 67.1 100.7

174 98.8 87.0 130.4

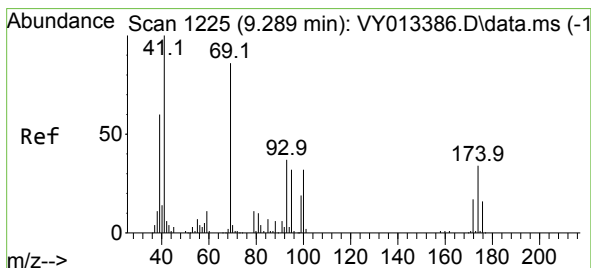
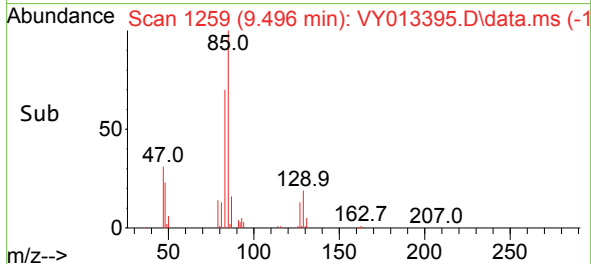
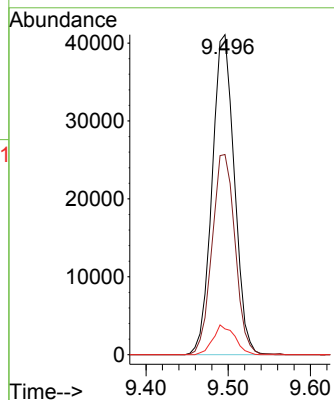
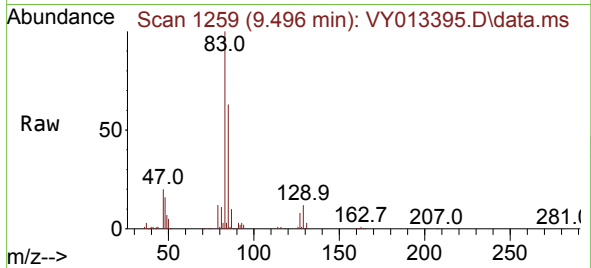




#47
Bromodichloromethane
Concen: 19.601 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

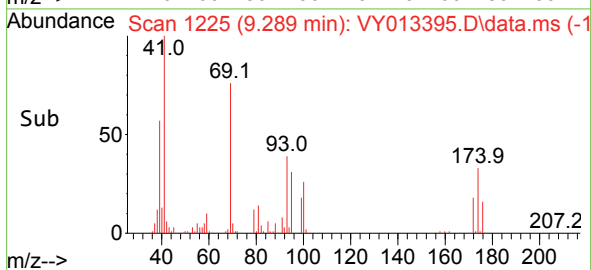
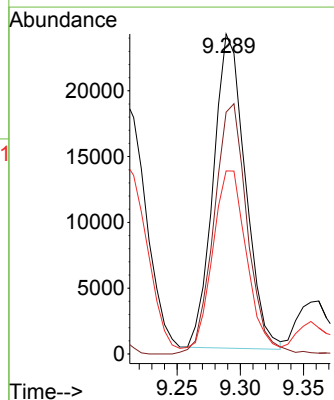
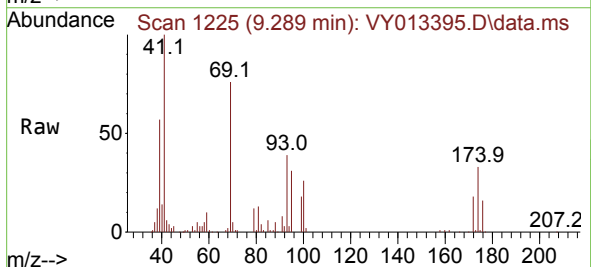
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

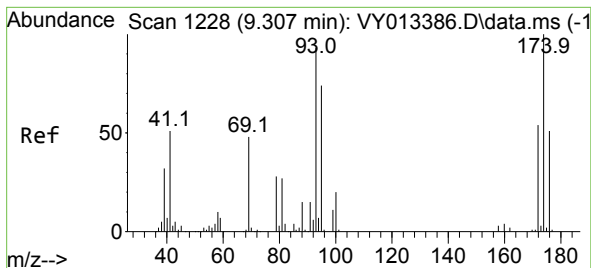
Tgt Ion: 83 Resp: 77255
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2
127 8.1 8.1 12.1#



#48
Methyl methacrylate
Concen: 18.011 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 41 Resp: 41995
Ion Ratio Lower Upper
41 100
69 83.1 70.2 105.4
39 59.0 47.9 71.9





#49

1,4-Dioxane

Concen: 363.526 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

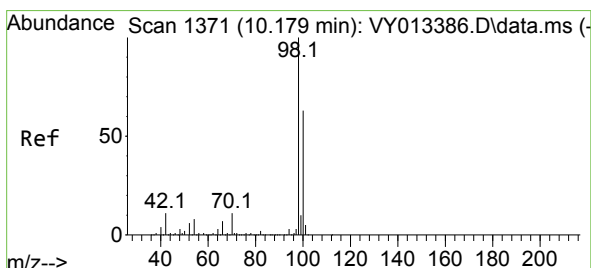
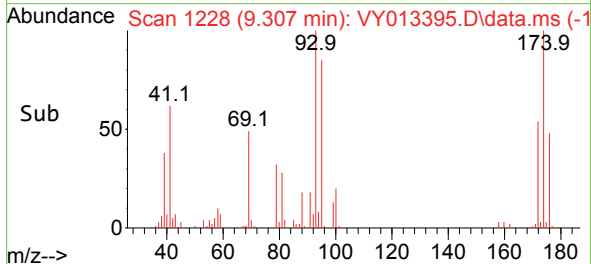
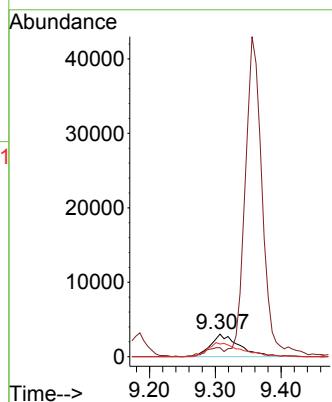
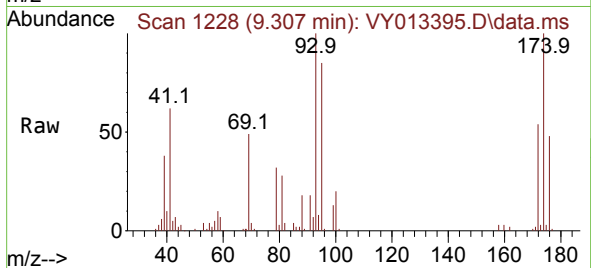
Tgt Ion: 88 Resp: 9145

Ion Ratio Lower Upper

88 100

43 26.4 16.8 25.2#

58 71.6 54.3 81.5



#50

Toluene-d8

Concen: 21.336 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013395.D

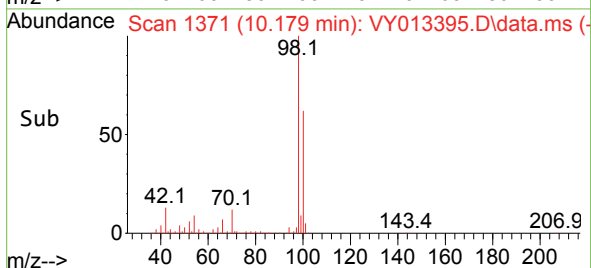
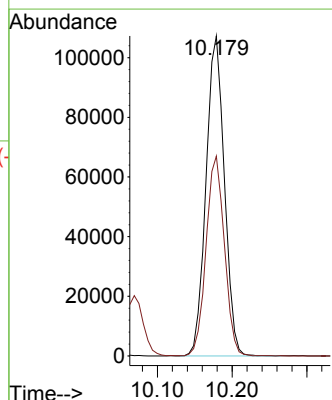
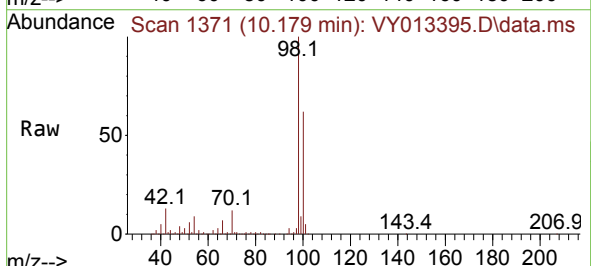
Acq: 24 Apr 2023 12:11

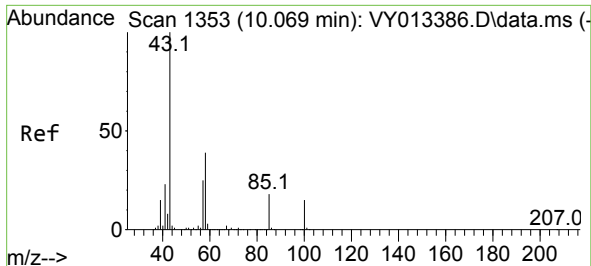
Tgt Ion: 98 Resp: 182798

Ion Ratio Lower Upper

98 100

100 62.1 50.5 75.7

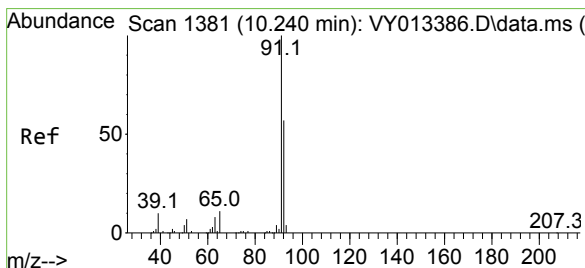
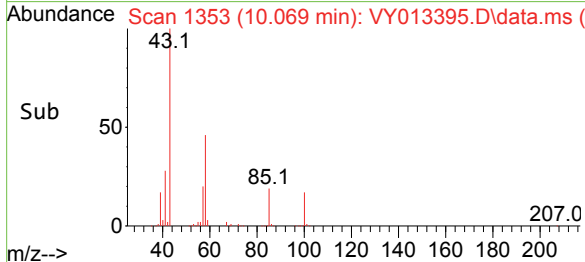
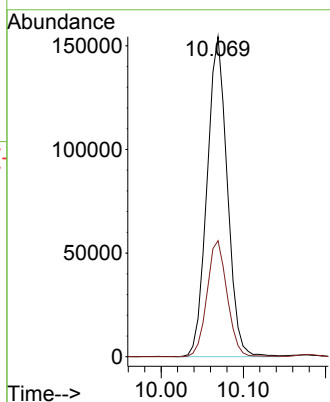
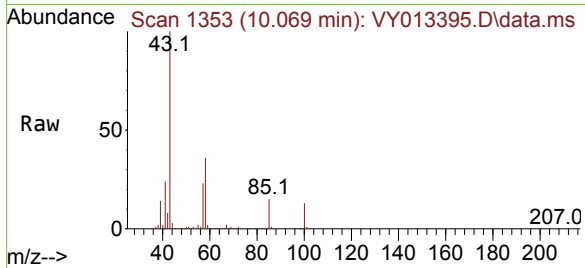




#51
4-Methyl-2-Pentanone
Concen: 93.193 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

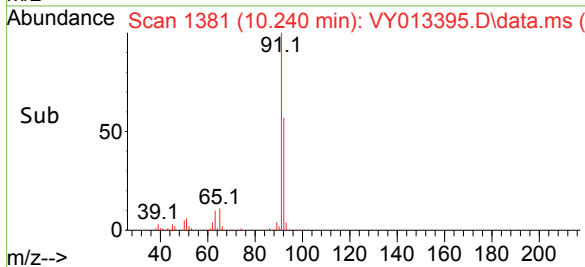
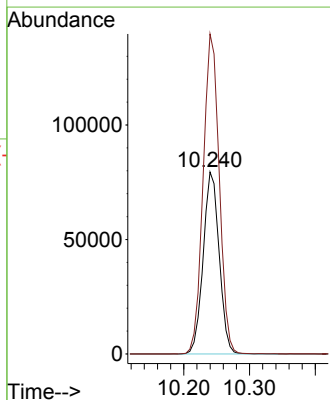
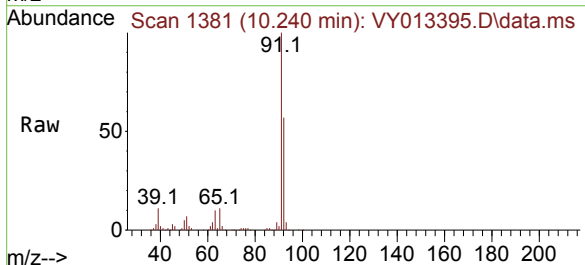
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

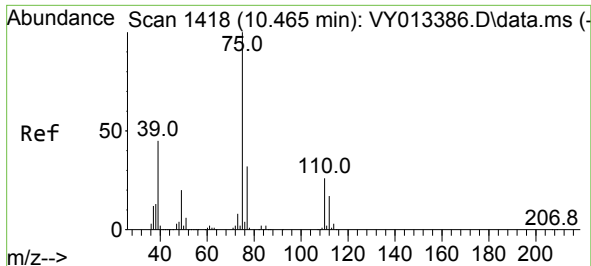
Tgt Ion: 43 Resp: 263651
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 19.820 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 92 Resp: 134289
Ion Ratio Lower Upper
92 100
91 177.5 140.2 210.4

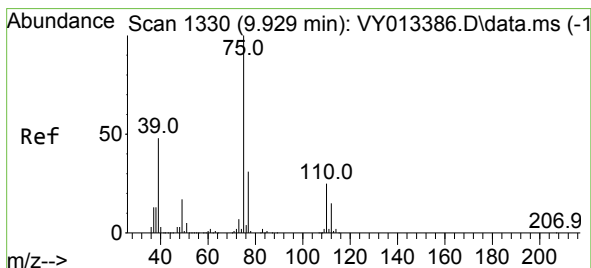
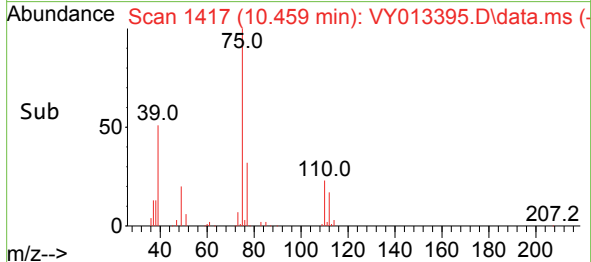
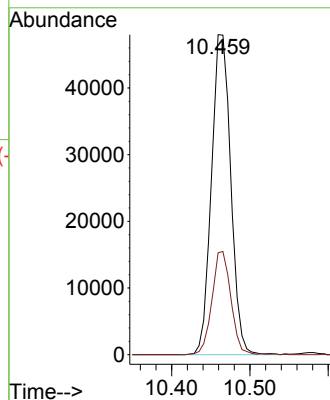
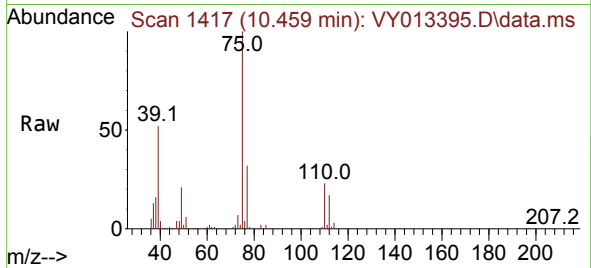




#53
 t-1,3-Dichloropropene
 Concen: 19.719 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

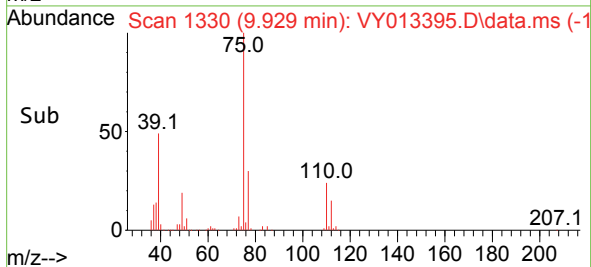
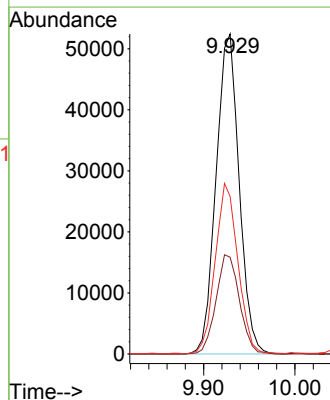
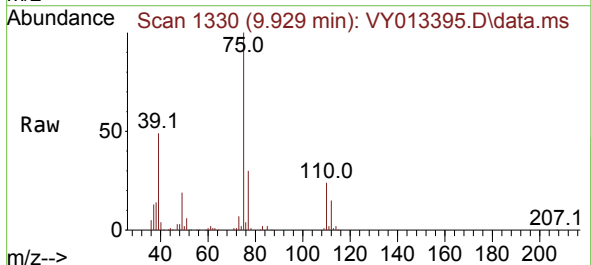
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

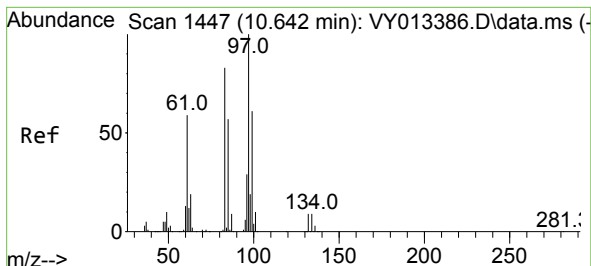
Tgt Ion: 75 Resp: 82254
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.591 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

Tgt Ion: 75 Resp: 91952
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.8 37.2
 39 49.0 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 19.520 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 45532

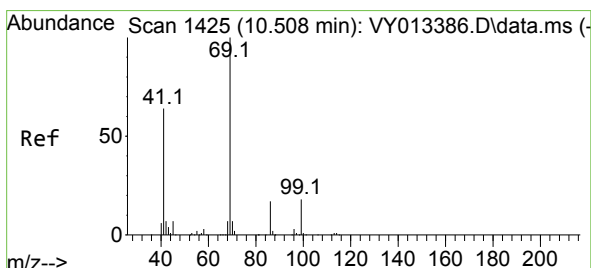
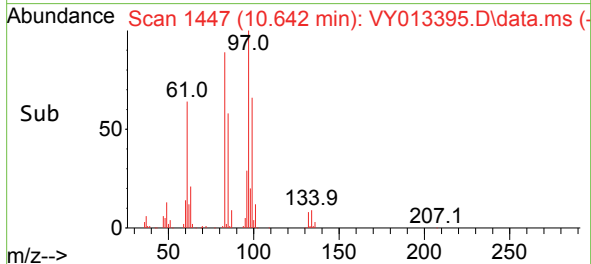
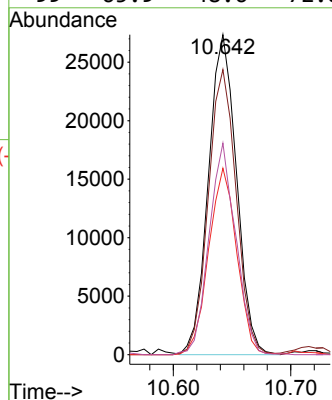
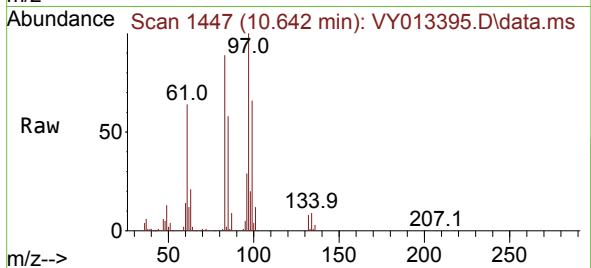
Ion Ratio Lower Upper

97 100

83 88.6 66.4 99.6

85 58.0 45.6 68.4

99 65.9 48.6 72.8



#56

Ethyl methacrylate

Concen: 19.098 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

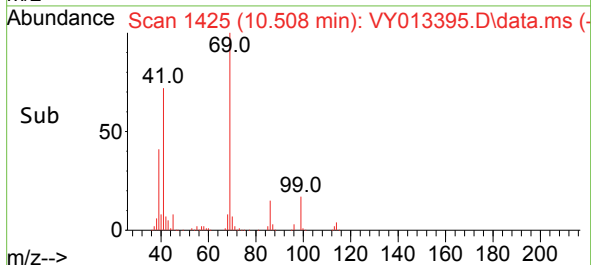
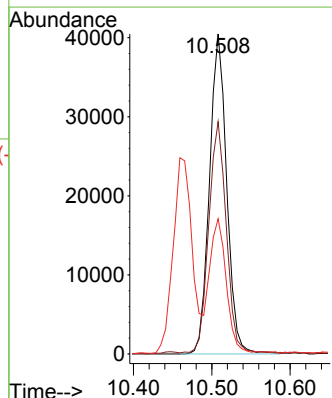
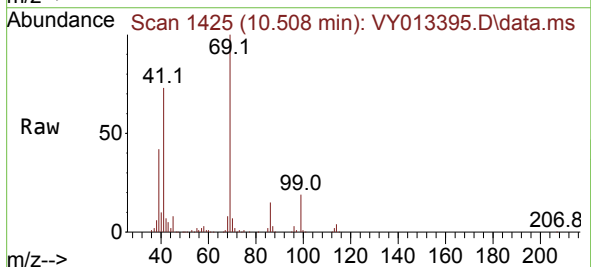
Tgt Ion: 69 Resp: 61805

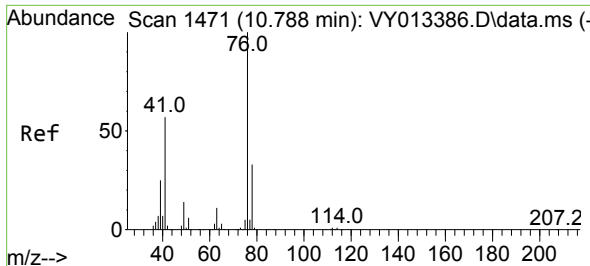
Ion Ratio Lower Upper

69 100

41 73.6 51.4 77.0

39 40.6 29.0 43.6

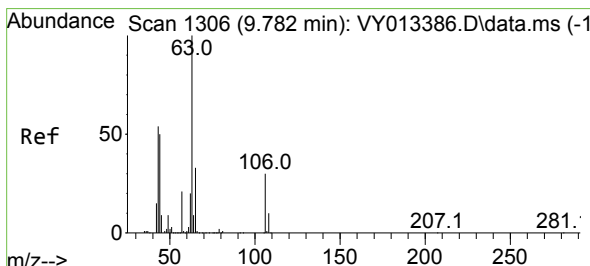
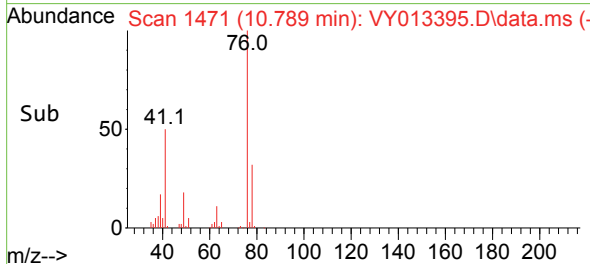
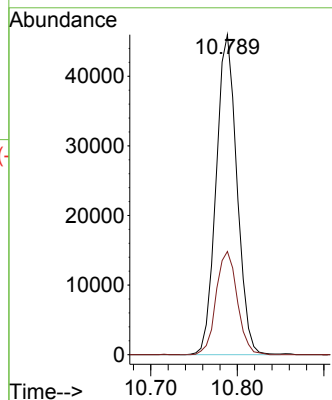
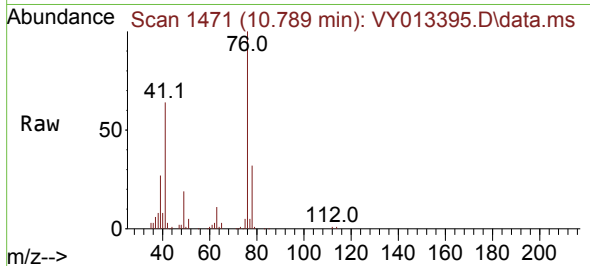




#57
1,3-Dichloropropane
Concen: 19.391 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

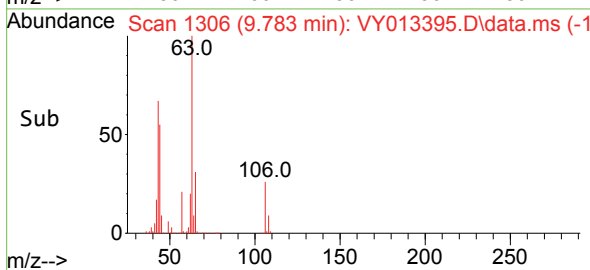
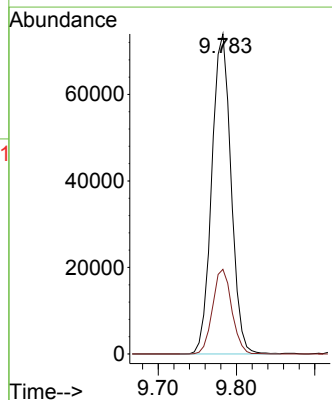
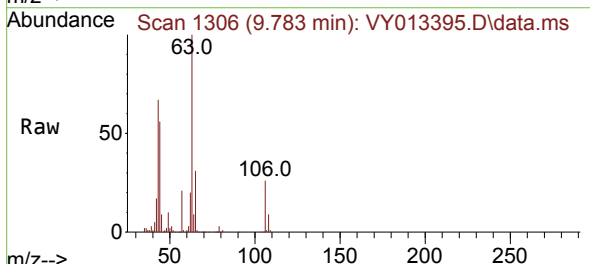
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

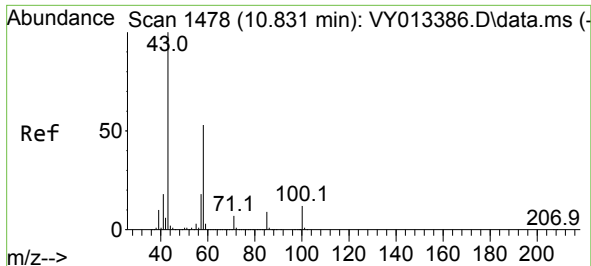
Tgt Ion: 76 Resp: 76602
Ion Ratio Lower Upper
76 100
78 32.8 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 103.917 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 63 Resp: 126103
Ion Ratio Lower Upper
63 100
106 26.3 23.5 35.3

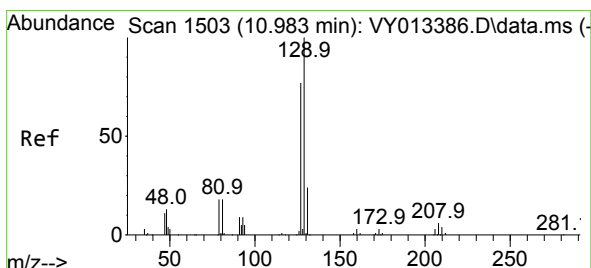
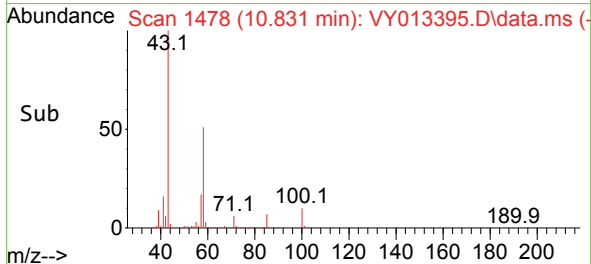
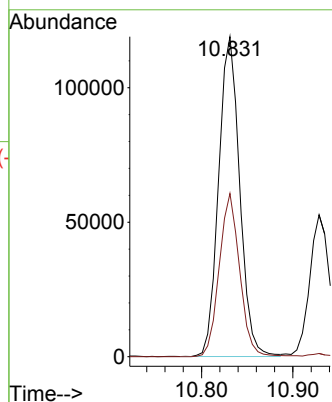
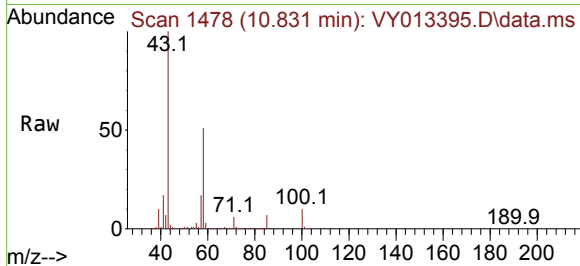




#59
2-Hexanone
Concen: 92.713 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

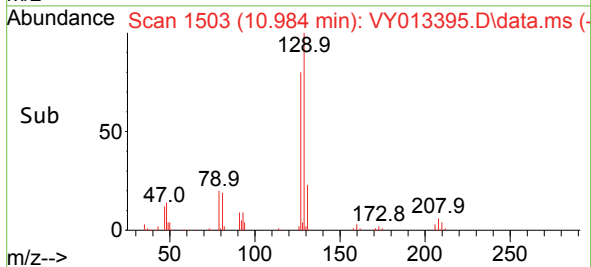
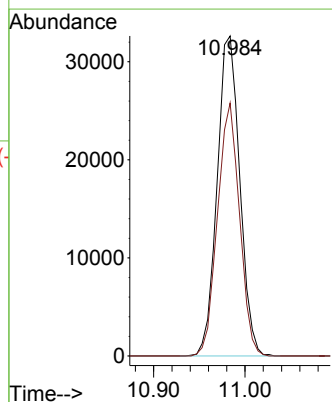
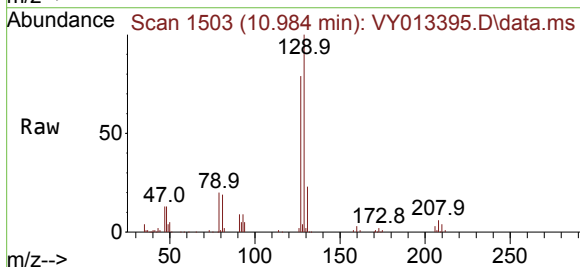
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

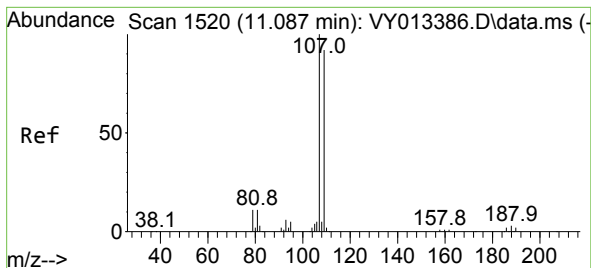
Tgt Ion: 43 Resp: 190667
Ion Ratio Lower Upper
43 100
58 49.5 26.3 78.8



#60
Dibromochloromethane
Concen: 19.838 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 129 Resp: 56186
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

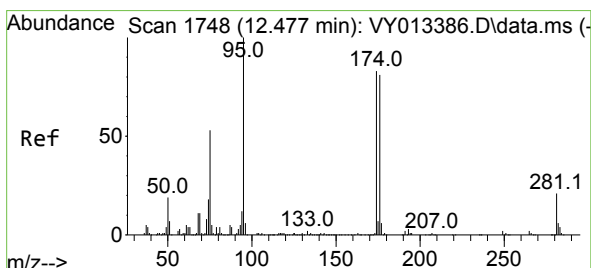
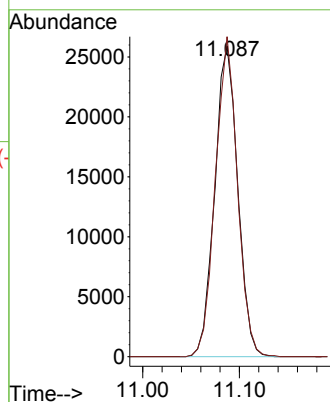
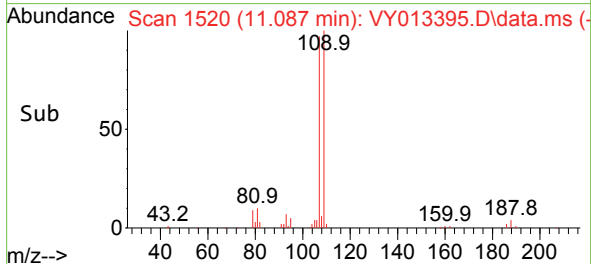
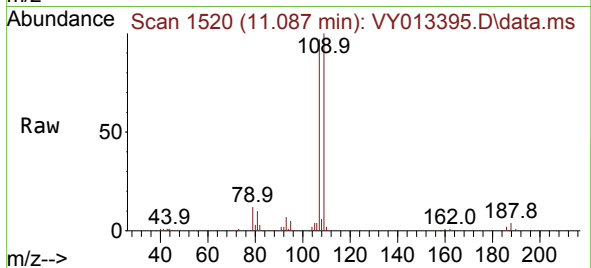




#61
1,2-Dibromoethane
Concen: 18.661 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

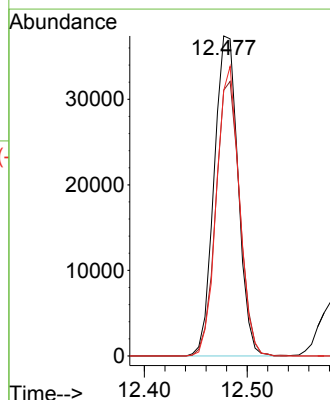
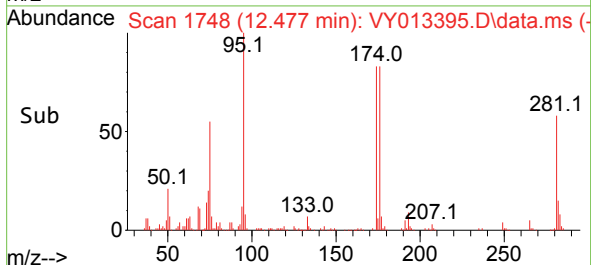
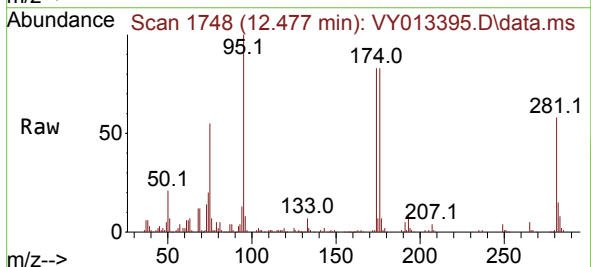
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

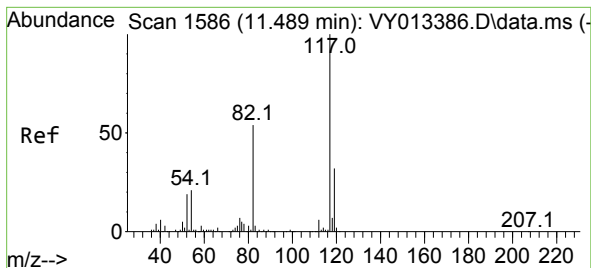
Tgt Ion:107 Resp: 42795
Ion Ratio Lower Upper
107 100
109 98.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.913 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 95 Resp: 60402
Ion Ratio Lower Upper
95 100
174 85.7 0.0 182.0
176 86.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

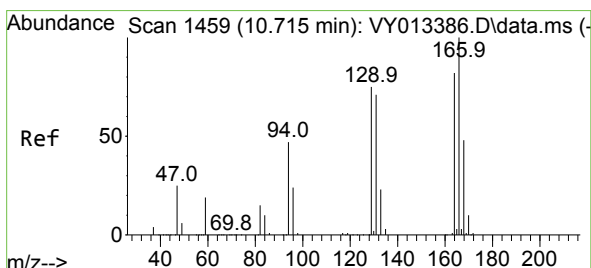
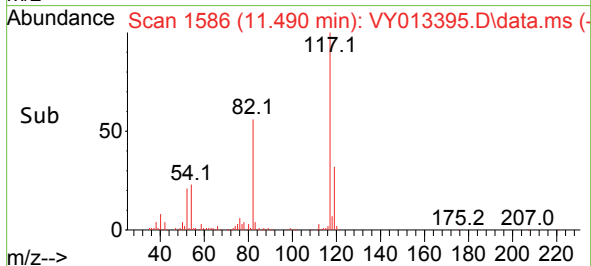
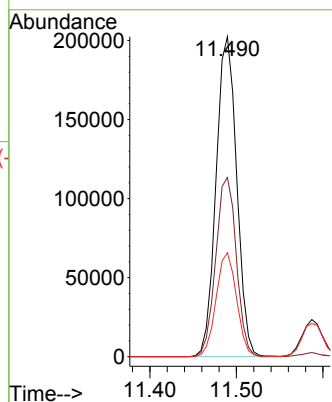
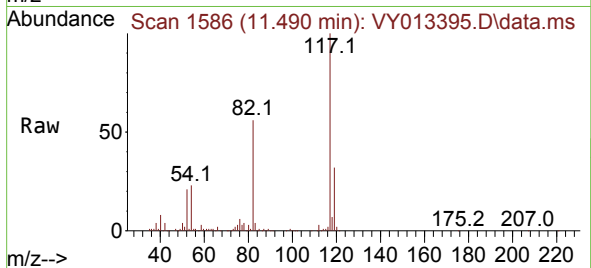
Tgt Ion:117 Resp: 334826

Ion Ratio Lower Upper

117 100

82 56.0 43.0 64.6

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 19.372 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Tgt Ion:164 Resp: 49321

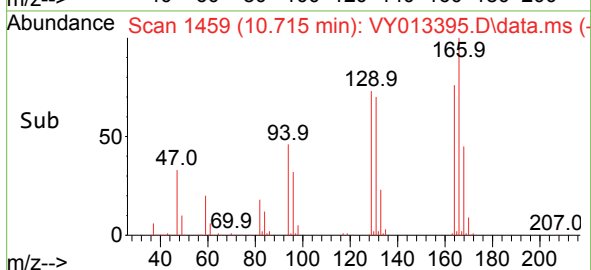
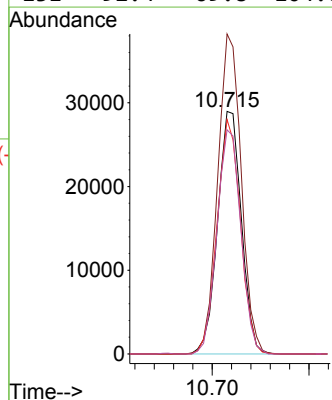
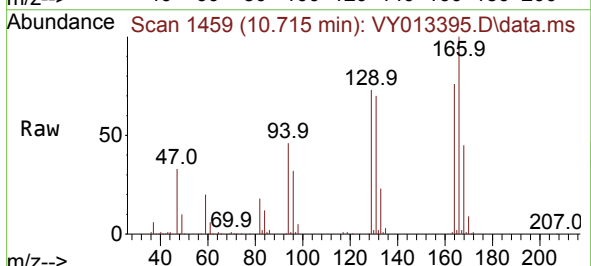
Ion Ratio Lower Upper

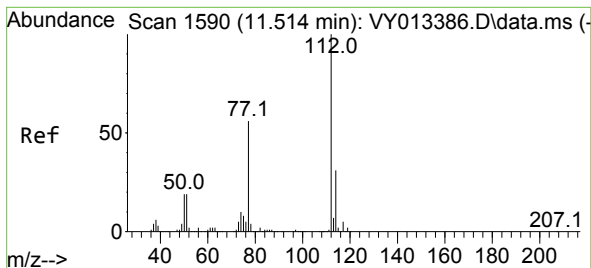
164 100

166 132.0 97.5 146.3

129 96.7 72.6 109.0

131 92.4 69.8 104.6

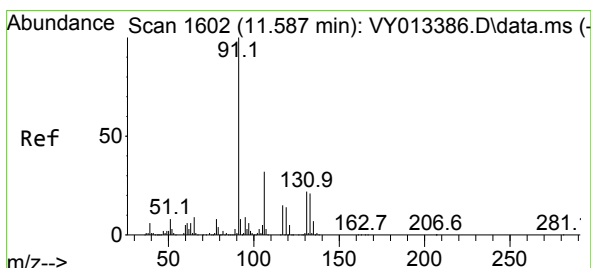
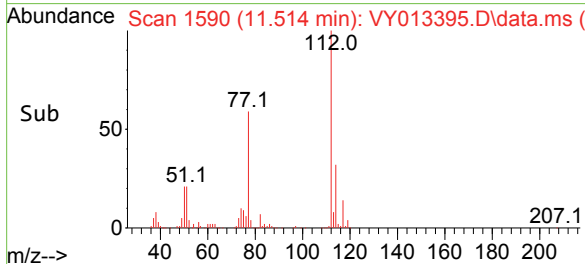
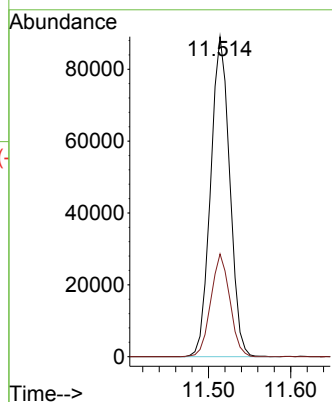
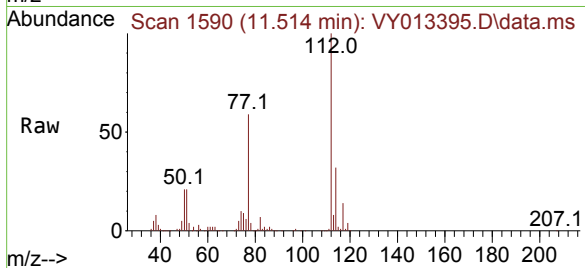




#65
Chlorobenzene
Concen: 19.713 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

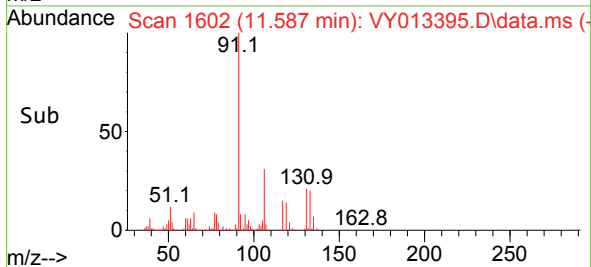
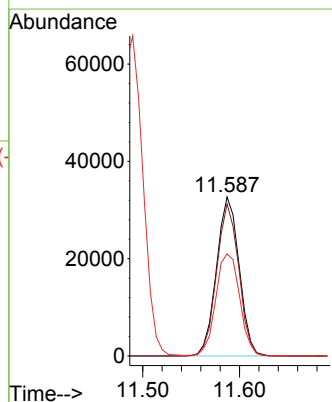
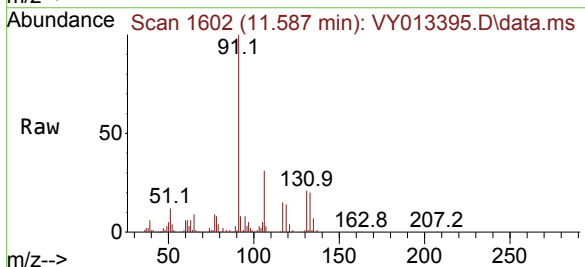
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

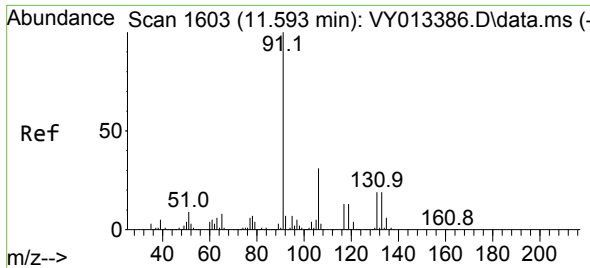
Tgt Ion:112 Resp: 143780
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.514 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion:131 Resp: 53232
Ion Ratio Lower Upper
131 100
133 93.3 47.7 143.1
119 67.8 32.6 98.0

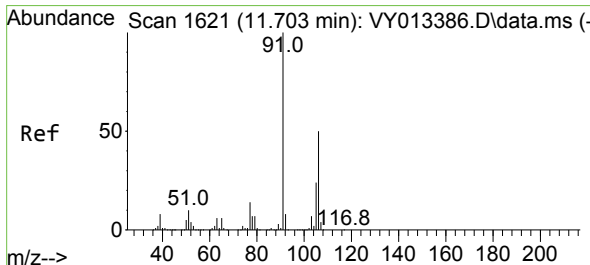
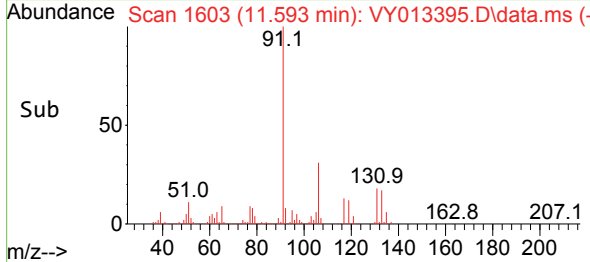
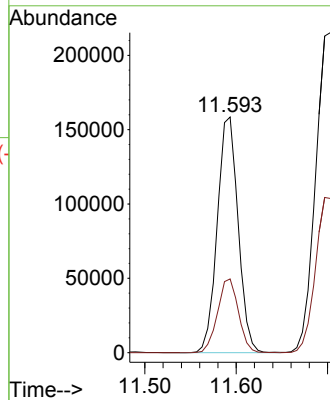
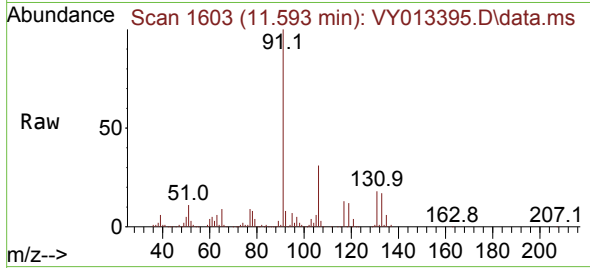




#67
Ethyl Benzene
Concen: 19.641 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

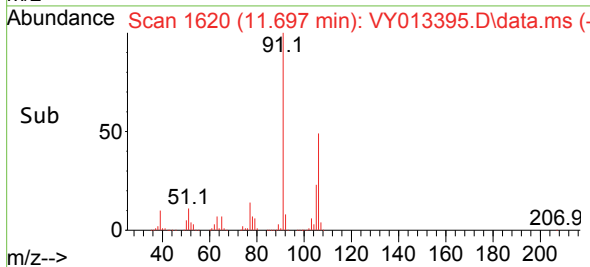
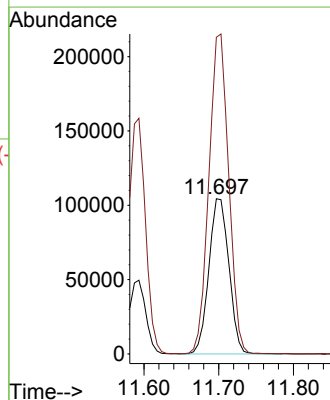
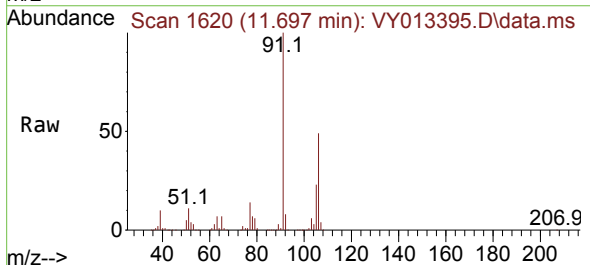
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

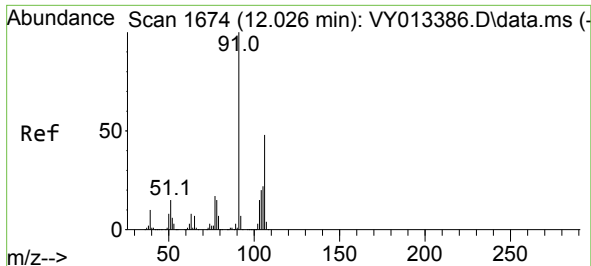
Tgt Ion: 91 Resp: 251564
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 39.930 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion:106 Resp: 194419
Ion Ratio Lower Upper
106 100
91 203.3 160.9 241.3

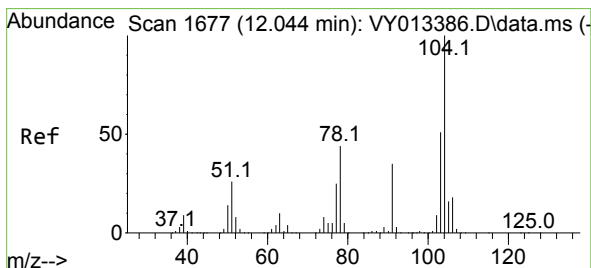
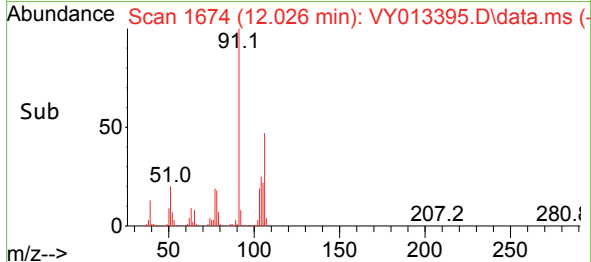
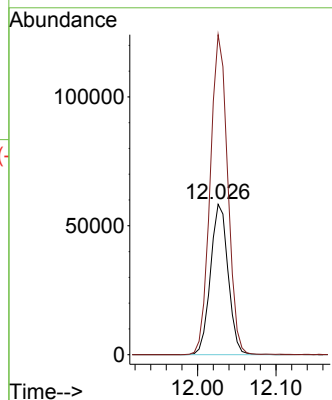
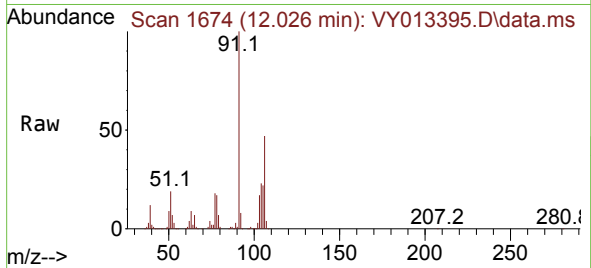




#69
o-Xylene
Concen: 19.780 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

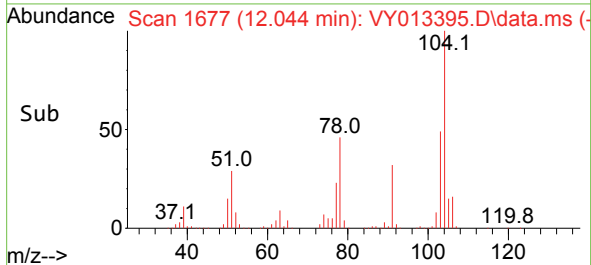
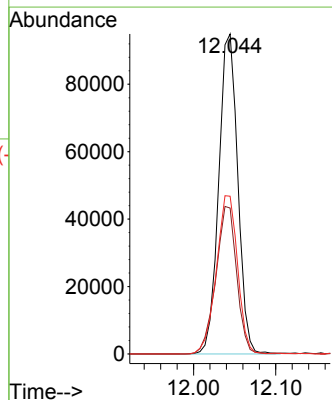
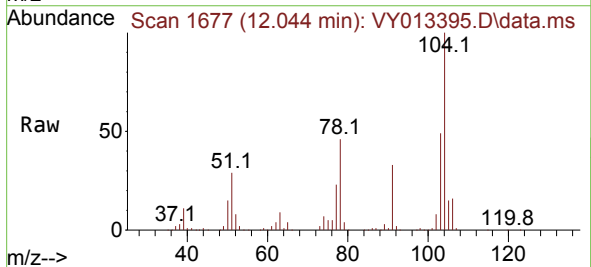
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

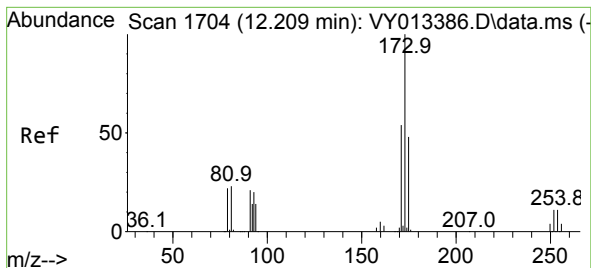
Tgt Ion:106 Resp: 91085
Ion Ratio Lower Upper
106 100
91 211.3 105.5 316.4



#70
Styrene
Concen: 19.815 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion:104 Resp: 152564
Ion Ratio Lower Upper
104 100
78 50.4 40.3 60.5
103 55.3 45.0 67.4





#71

Bromoform

Concen: 19.409 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

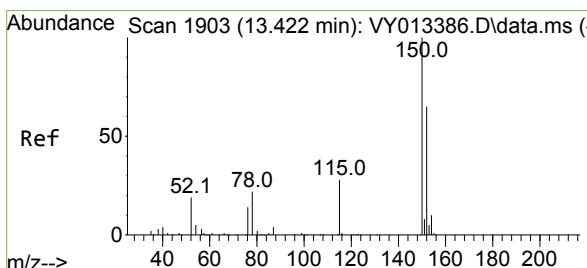
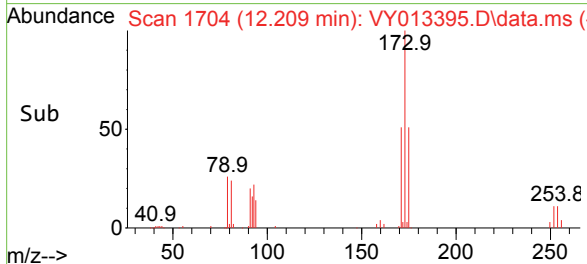
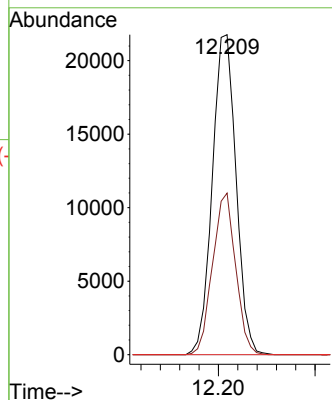
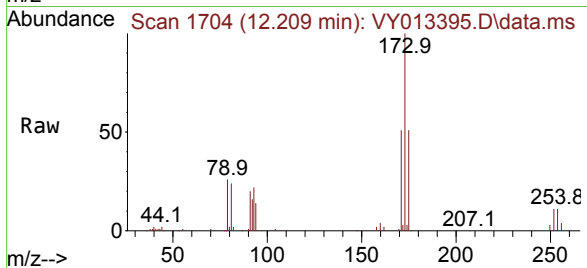
Tgt Ion:173 Resp: 37085

Ion Ratio Lower Upper

173 100

175 49.0 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: VY013395.D

Acq: 24 Apr 2023 12:11

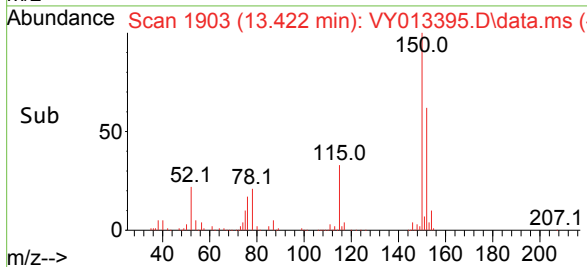
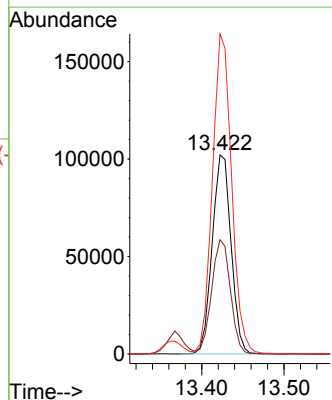
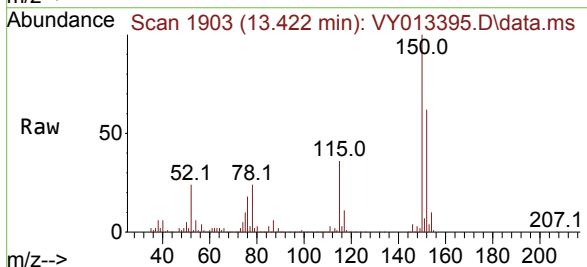
Tgt Ion:152 Resp: 162784

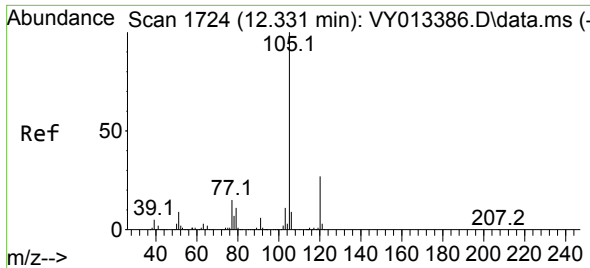
Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 163.7 0.0 352.0

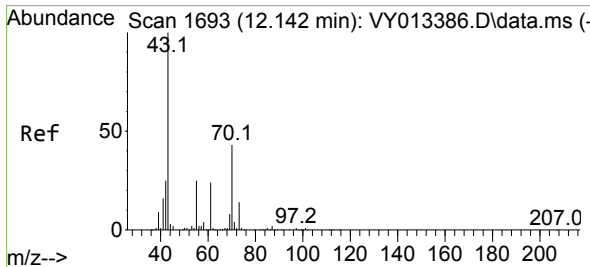
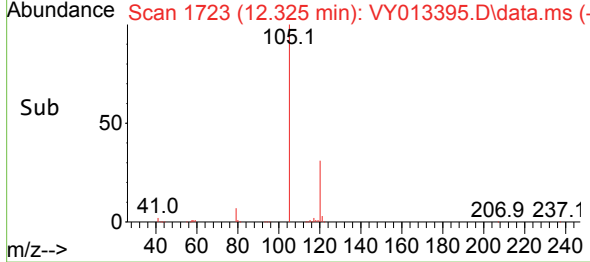
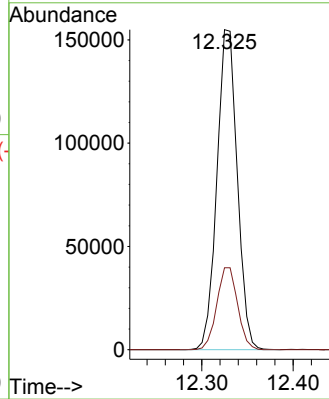
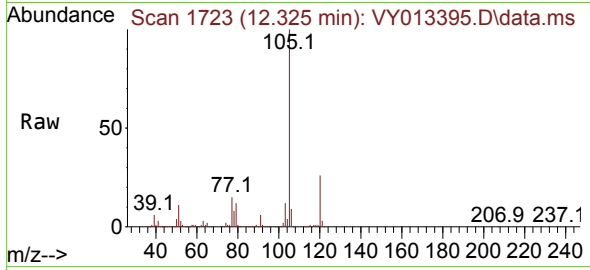




#73
Isopropylbenzene
Concen: 19.461 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

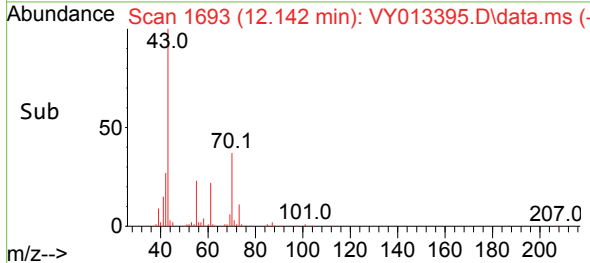
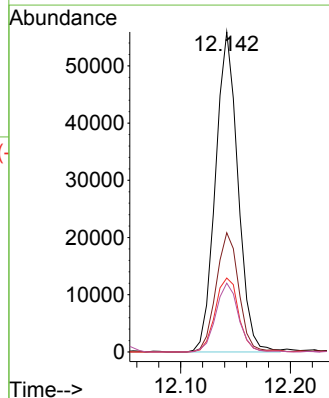
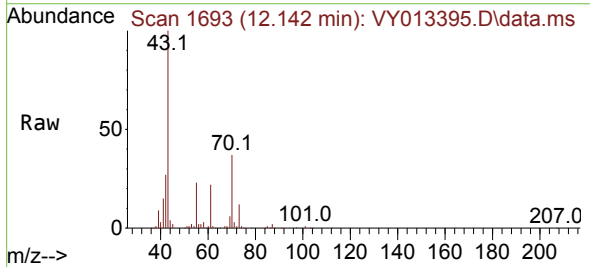
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

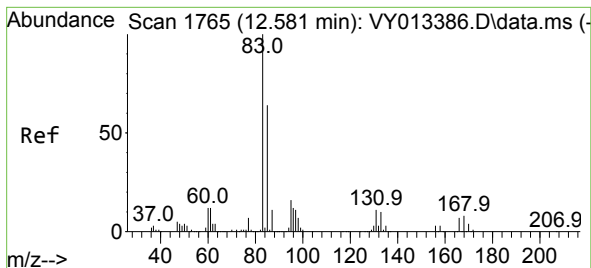
Tgt Ion:105 Resp: 239613
Ion Ratio Lower Upper
105 100
120 26.2 13.7 41.0



#74
N-ethyl acetate
Concen: 18.190 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 43 Resp: 79701
Ion Ratio Lower Upper
43 100
70 37.8 33.0 49.4
55 24.4 19.8 29.6
61 21.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.753 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

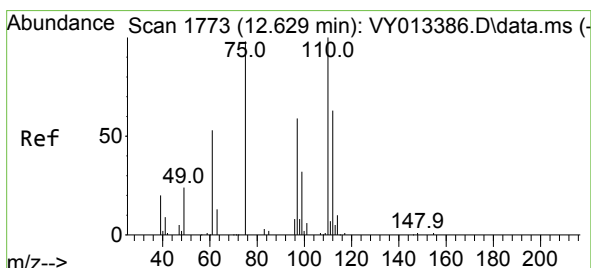
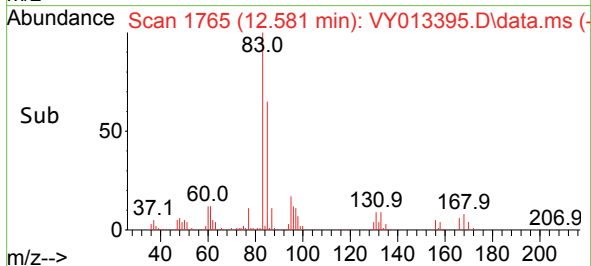
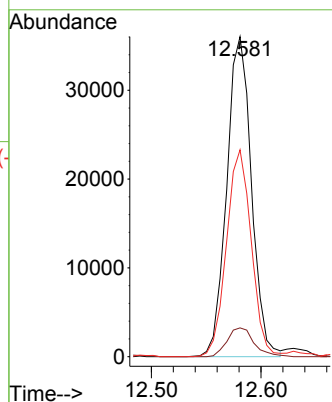
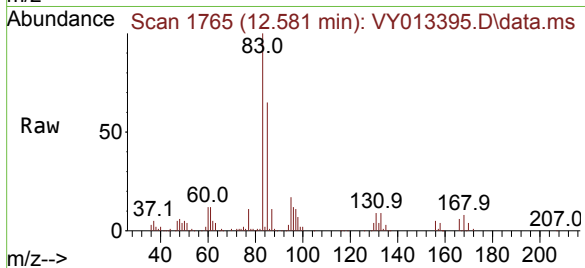
Tgt Ion: 83 Resp: 56436

Ion Ratio Lower Upper

83 100

131 9.8 5.7 17.0

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 32.510 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013395.D

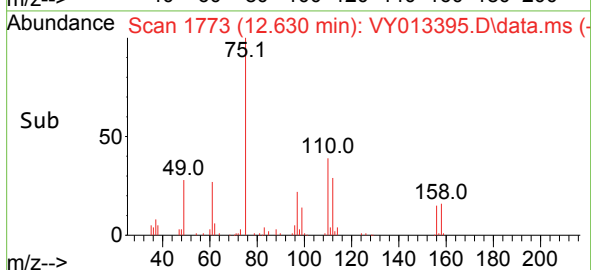
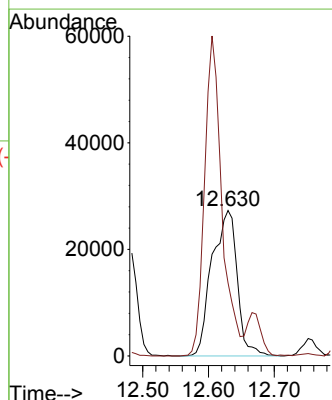
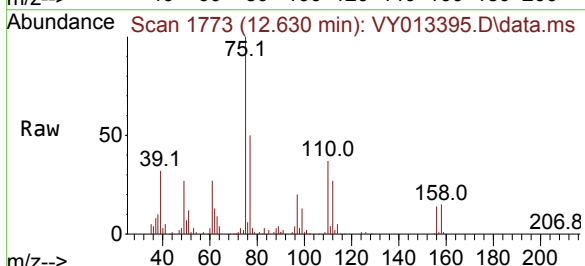
Acq: 24 Apr 2023 12:11

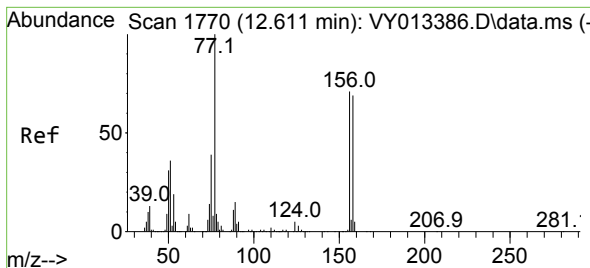
Tgt Ion: 75 Resp: 73075

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.713 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

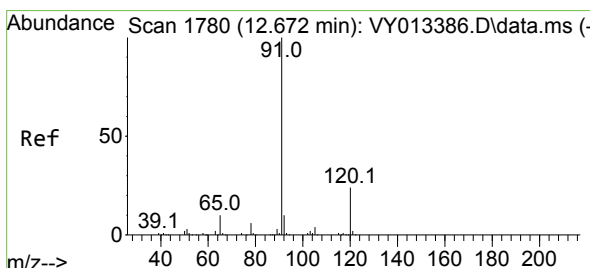
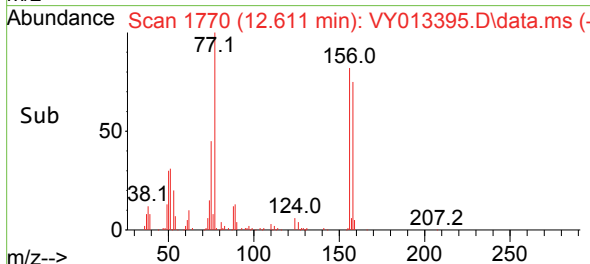
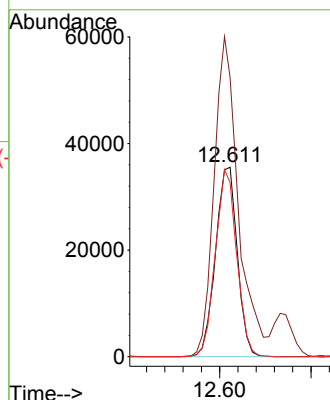
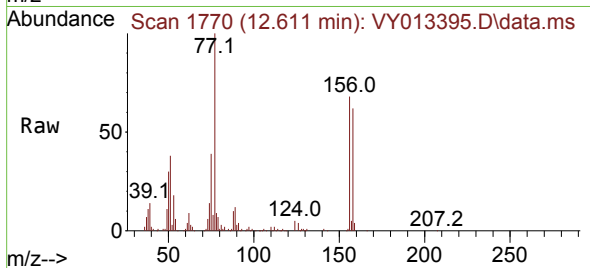
Tgt Ion:156 Resp: 58811

Ion Ratio Lower Upper

156 100

77 186.2 87.6 262.9

158 96.9 48.5 145.5



#78

n-propylbenzene

Concen: 19.731 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013395.D

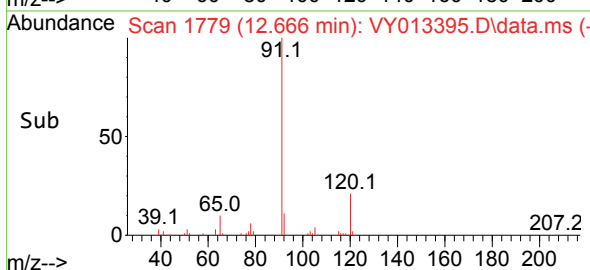
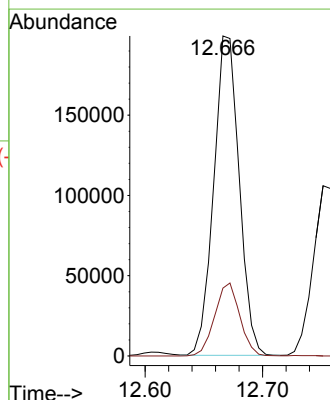
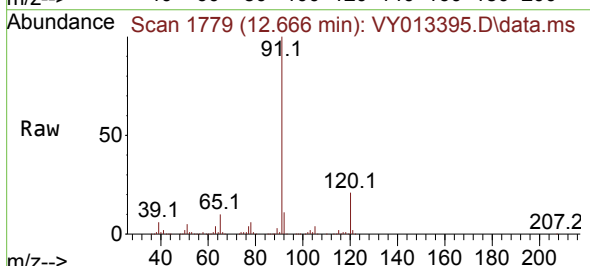
Acq: 24 Apr 2023 12:11

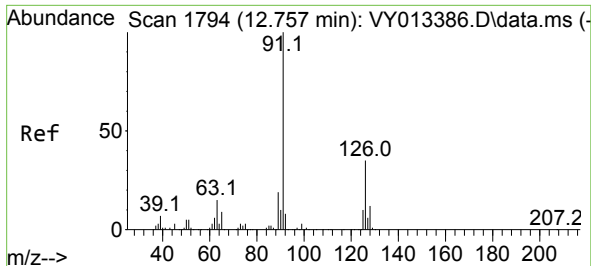
Tgt Ion: 91 Resp: 299232

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 19.588 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

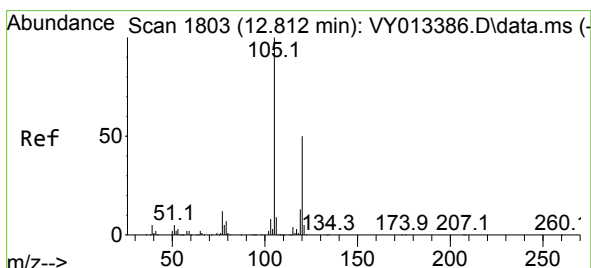
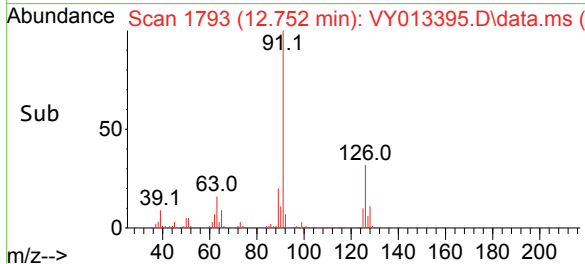
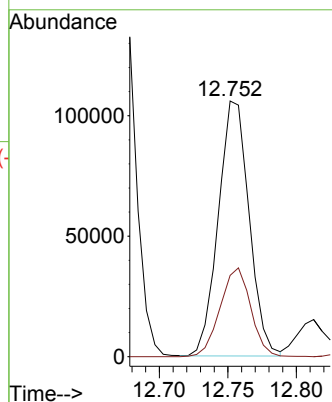
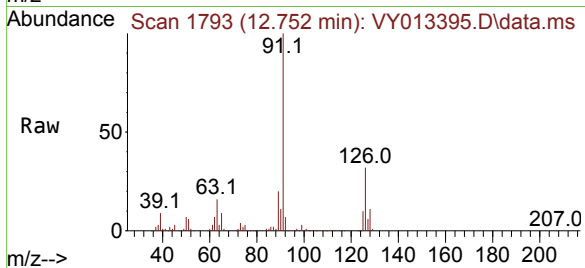
VSTDIC020

Tgt Ion: 91 Resp: 165885

Ion Ratio Lower Upper

91 100

126 34.6 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 19.942 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013395.D

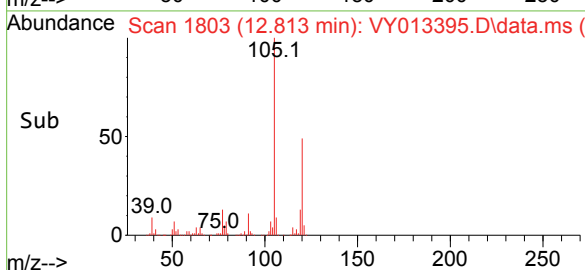
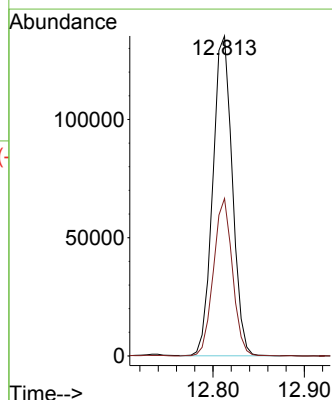
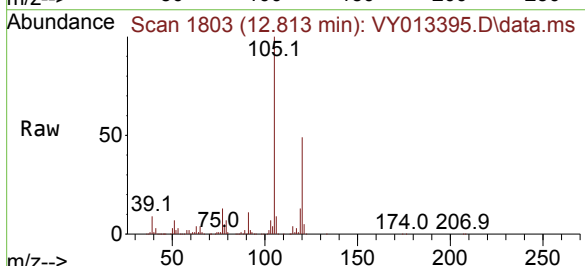
Acq: 24 Apr 2023 12:11

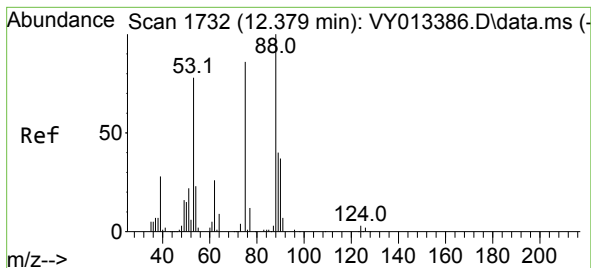
Tgt Ion:105 Resp: 200406

Ion Ratio Lower Upper

105 100

120 48.1 24.7 74.1

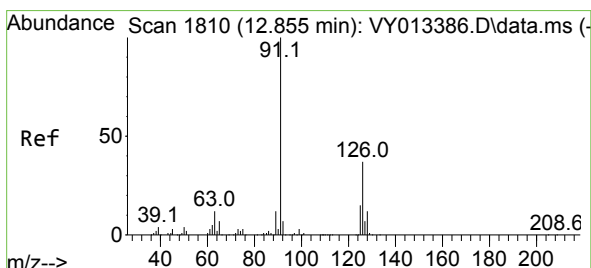
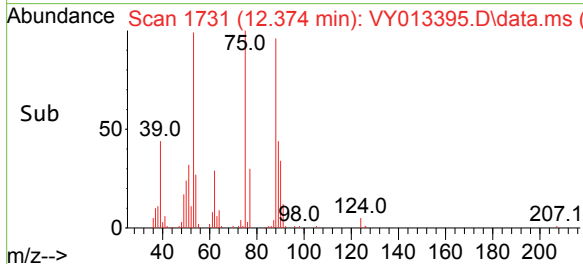
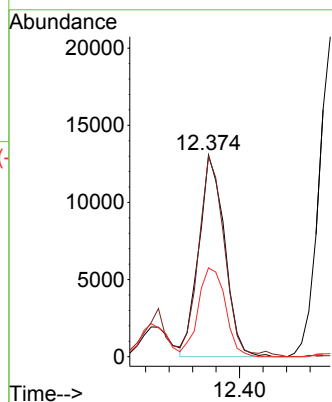
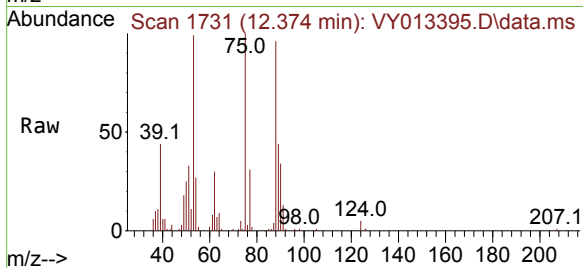




#81
trans-1,4-Dichloro-2-butene
Concen: 18.580 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

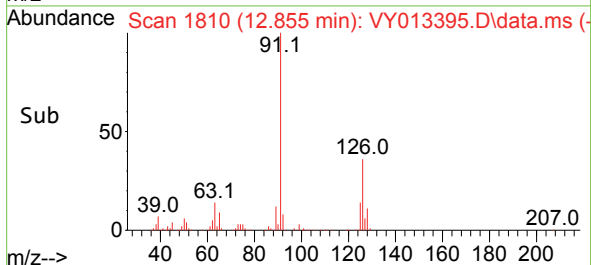
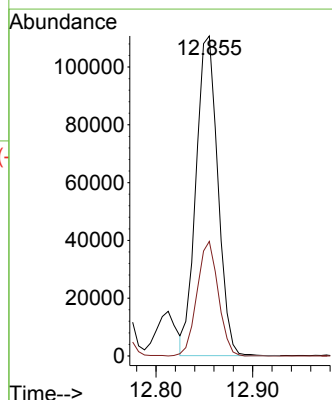
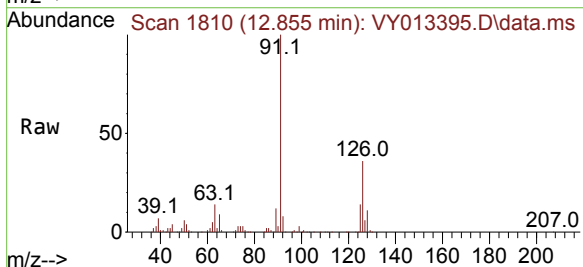
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

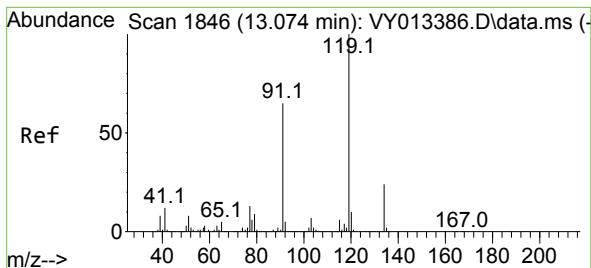
Tgt Ion: 75 Resp: 19940
Ion Ratio Lower Upper
75 100
53 99.5 73.2 109.8
89 46.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.671 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion: 91 Resp: 173634
Ion Ratio Lower Upper
91 100
126 34.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.580 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

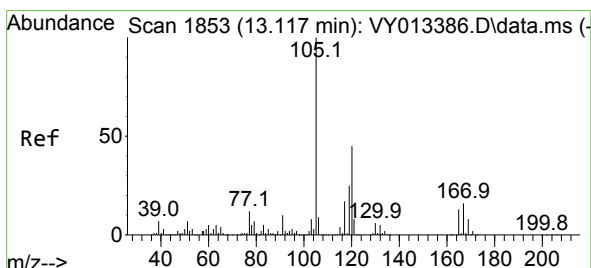
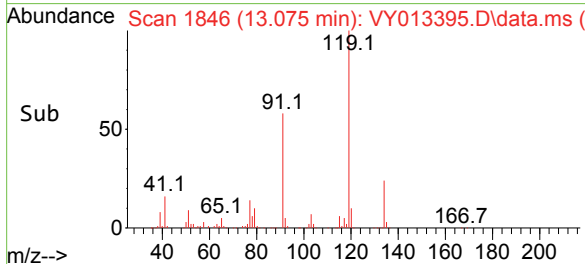
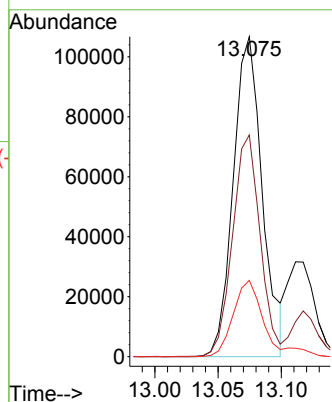
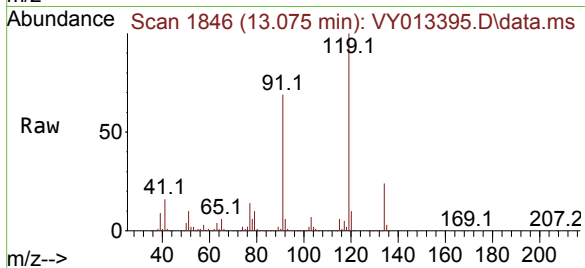
Tgt Ion:119 Resp: 170473

Ion Ratio Lower Upper

119 100

91 66.1 32.2 96.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.936 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013395.D

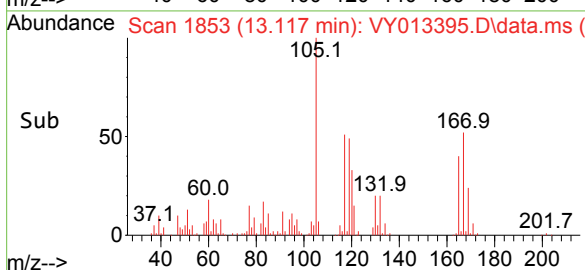
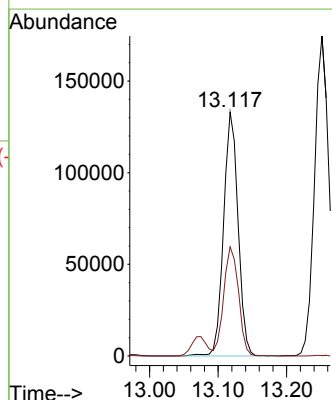
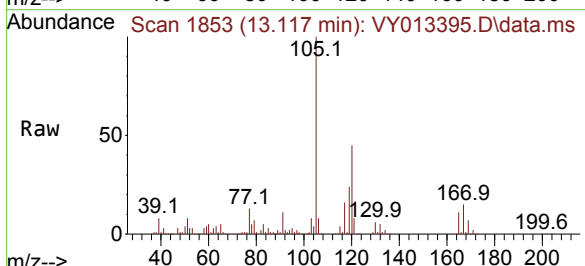
Acq: 24 Apr 2023 12:11

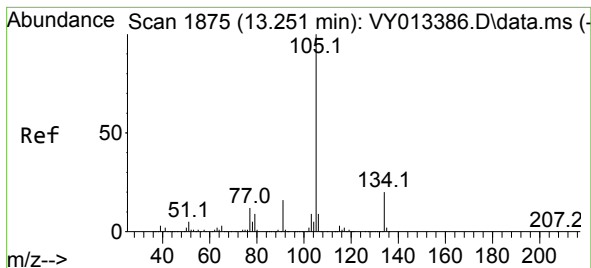
Tgt Ion:105 Resp: 194782

Ion Ratio Lower Upper

105 100

120 45.5 22.3 66.9

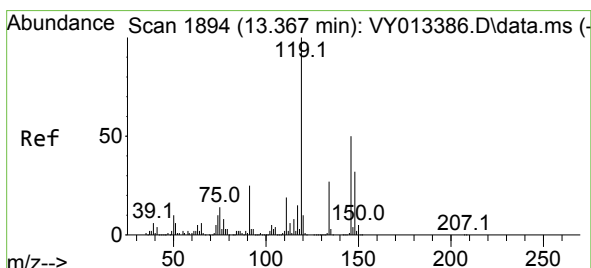
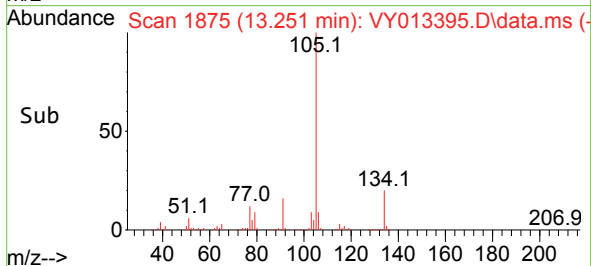
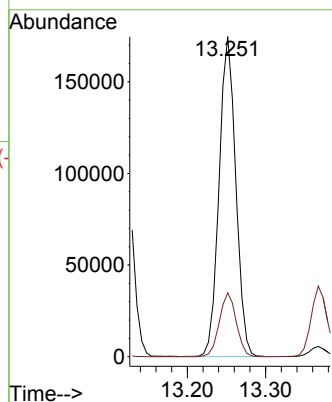
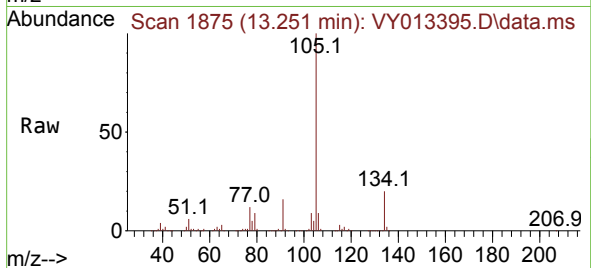




#85
 sec-Butylbenzene
 Concen: 19.814 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

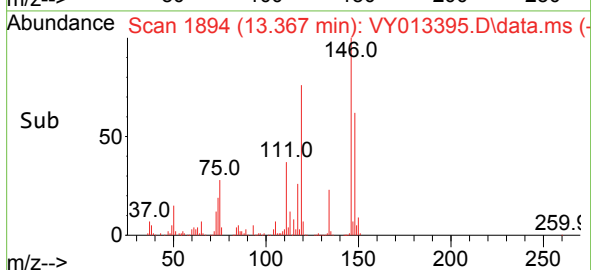
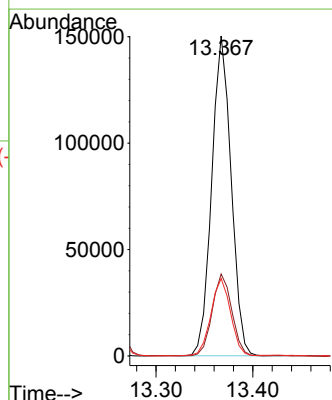
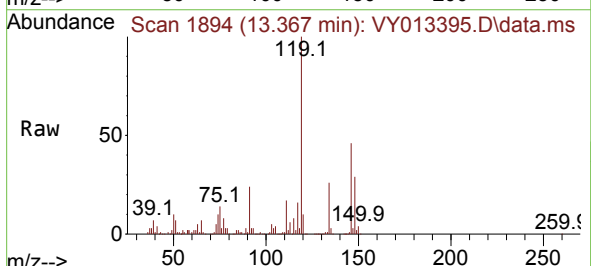
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

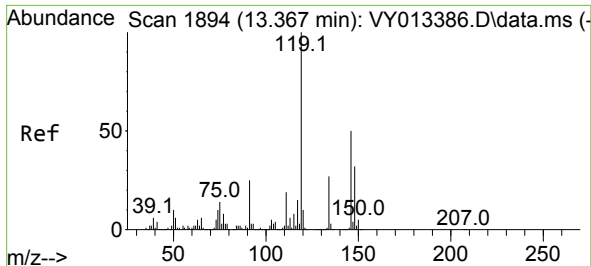
Tgt Ion:105 Resp: 258902
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.947 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

Tgt Ion:119 Resp: 209601
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.2
 91 24.4 12.1 36.3

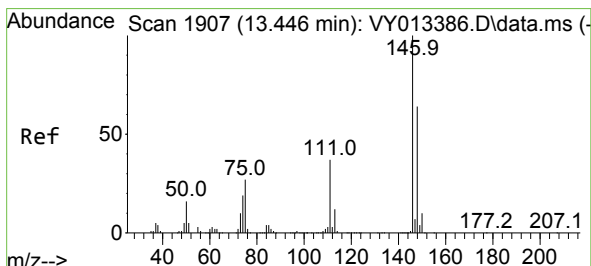
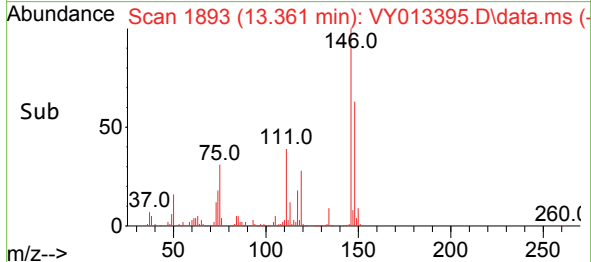
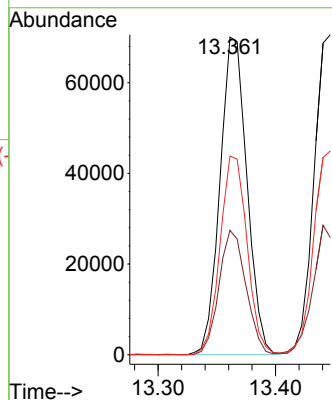
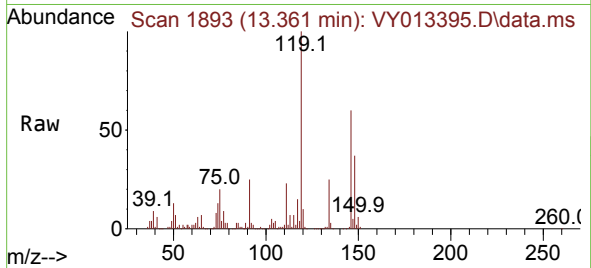




#87
1,3-Dichlorobenzene
Concen: 19.653 ug/l
RT: 13.361 min Scan# 111703
Delta R.T. -0.006 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

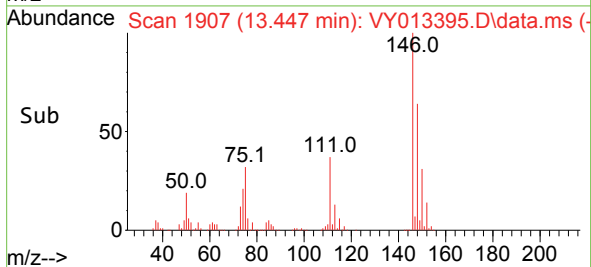
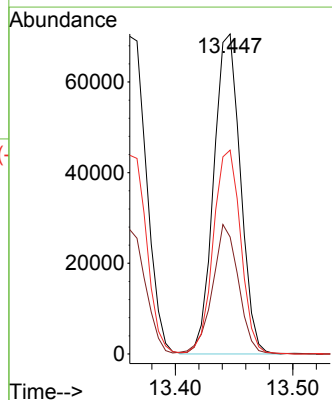
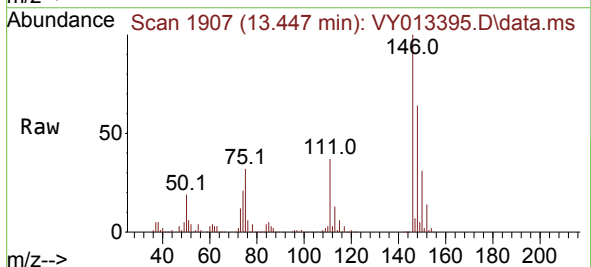
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

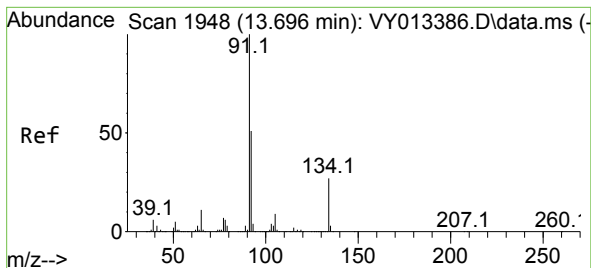
Tgt Ion:146 Resp: 111703
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.9
148 62.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.395 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013395.D
Acq: 24 Apr 2023 12:11

Tgt Ion:146 Resp: 111357
Ion Ratio Lower Upper
146 100
111 39.7 18.9 56.5
148 65.5 31.9 95.5





#89

n-Butylbenzene

Concen: 19.361 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

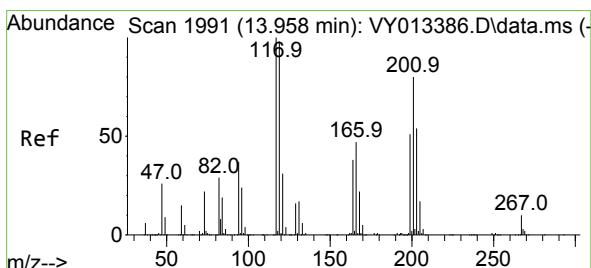
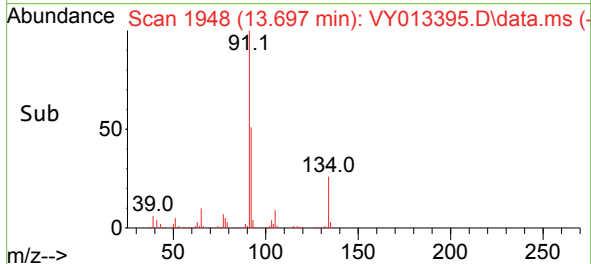
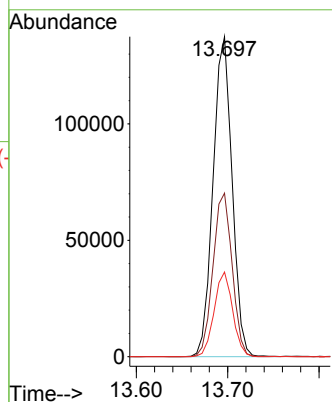
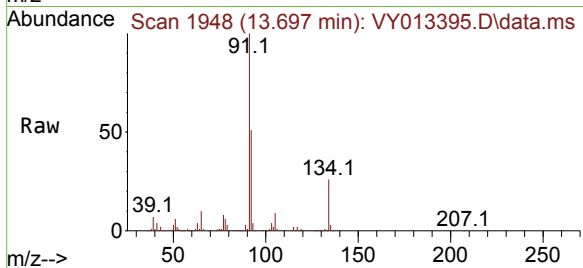
Tgt Ion: 91 Resp: 198561

Ion Ratio Lower Upper

91 100

92 51.4 25.8 77.3

134 25.7 13.5 40.4



#90

Hexachloroethane

Concen: 19.441 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013395.D

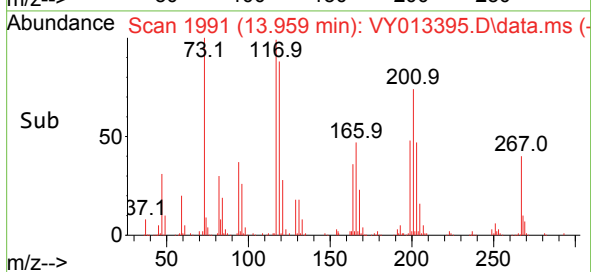
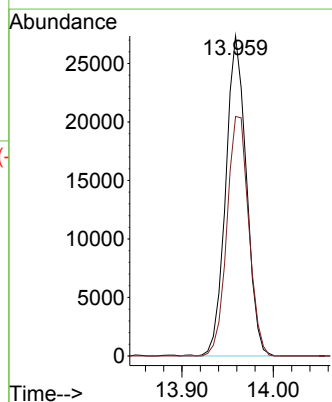
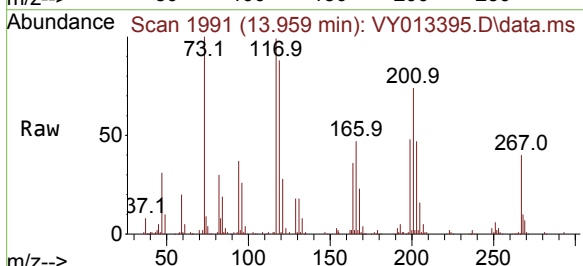
Acq: 24 Apr 2023 12:11

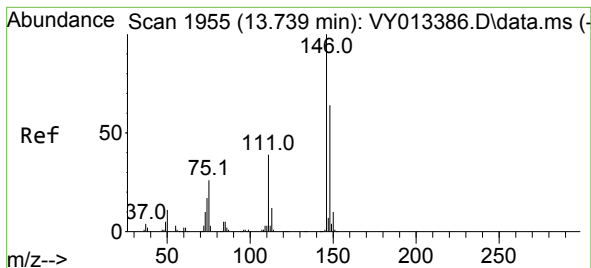
Tgt Ion: 117 Resp: 42994

Ion Ratio Lower Upper

117 100

201 78.9 41.6 124.8

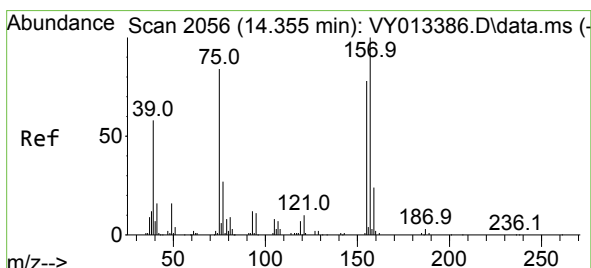
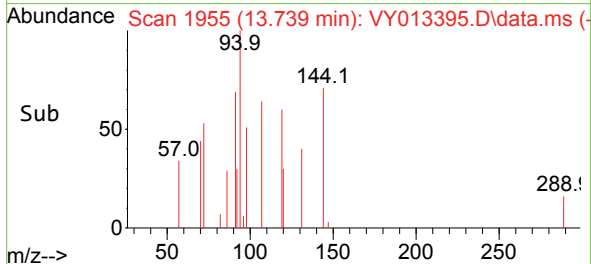
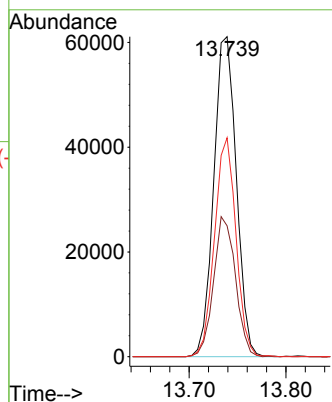
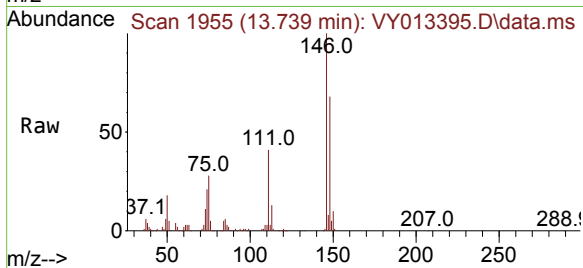




#91
 1,2-Dichlorobenzene
 Concen: 19.297 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

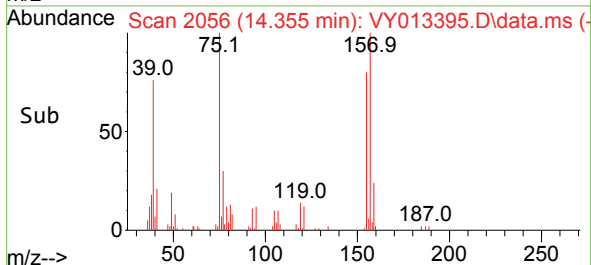
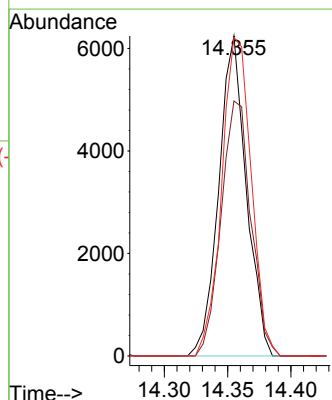
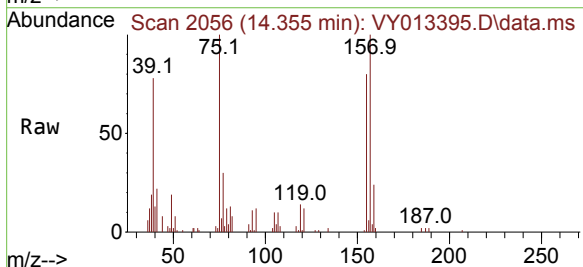
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

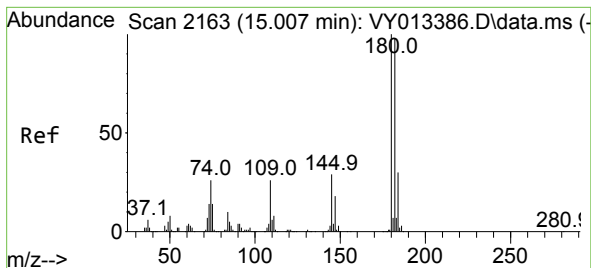
Tgt Ion:	146	Resp:	99043
Ion Ratio	Lower	Upper	
146	100		
111	42.5	19.8	59.4
148	65.1	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.780 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013395.D
 Acq: 24 Apr 2023 12:11

Tgt Ion:	75	Resp:	9450
Ion Ratio	Lower	Upper	
75	100		
155	86.3	44.6	134.0
157	106.6	57.6	172.7





#93

1,2,4-Trichlorobenzene

Concen: 18.566 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

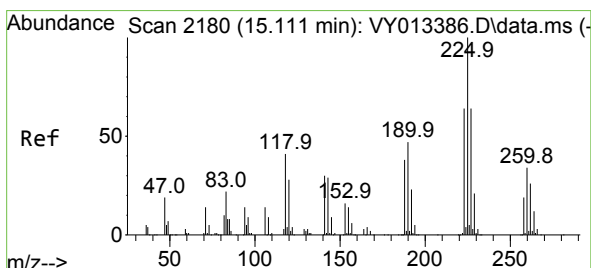
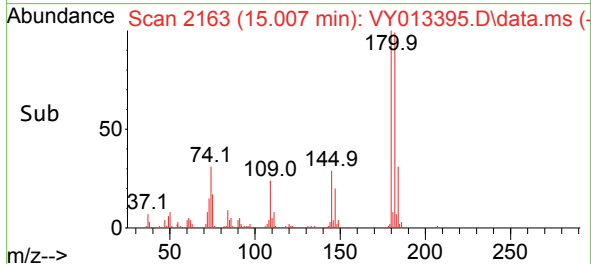
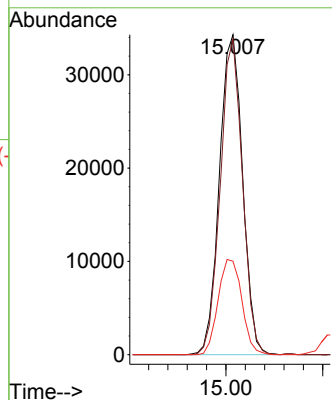
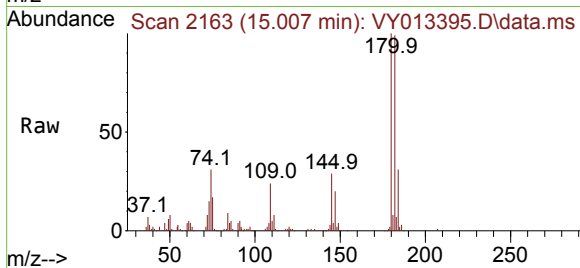
Tgt Ion:180 Resp: 56814

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.5

145 30.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.504 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

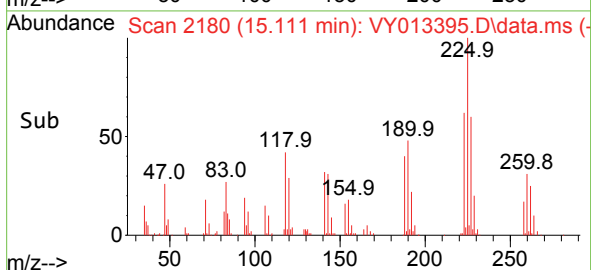
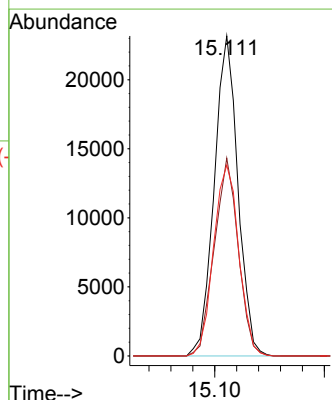
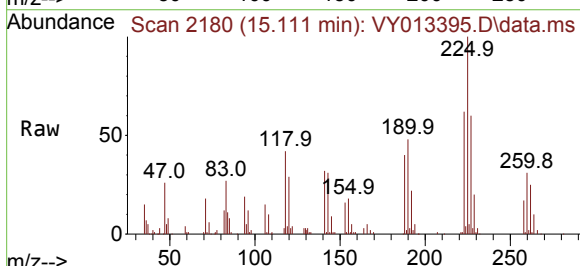
Tgt Ion:225 Resp: 34735

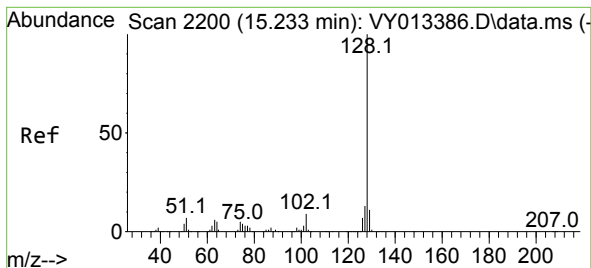
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.2

227 63.6 32.0 96.0





#95

Naphthalene

Concen: 17.451 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

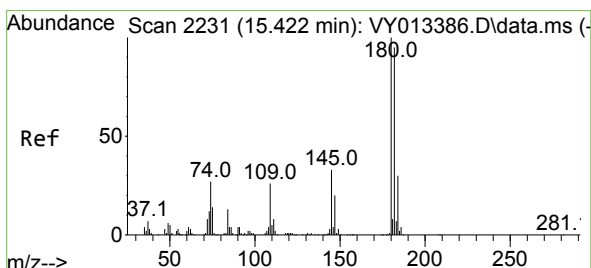
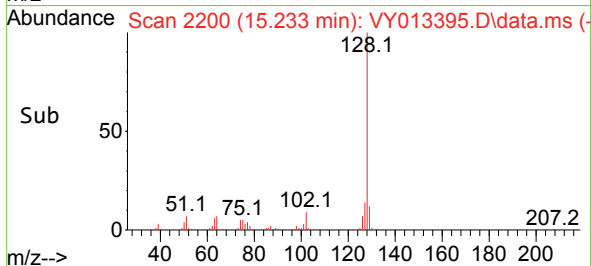
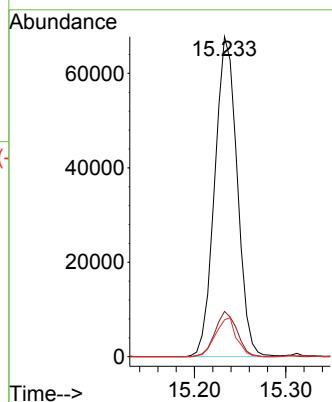
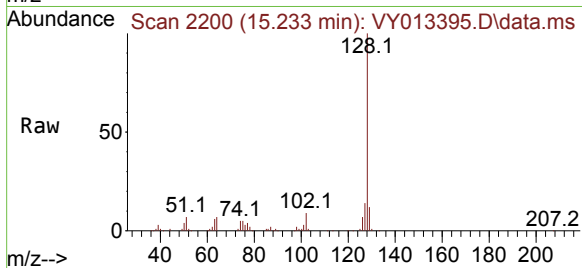
Tgt Ion:128 Resp: 115868

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.808 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013395.D

Acq: 24 Apr 2023 12:11

Tgt Ion:180 Resp: 51298

Ion Ratio Lower Upper

180 100

182 95.9 47.1 141.3

145 30.7 15.9 47.7

