

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013396.D
 Acq On : 24 Apr 2023 12:34
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 25 02:00:22 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	248732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	385049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	335181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129405	47.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.920%
35) Dibromofluoromethane	7.716	113	114150	47.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.179	98	403823	46.873	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.740%
62) 4-Bromofluorobenzene	12.483	95	135582	46.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121680	51.458	ug/l	99
3) Chloromethane	2.113	50	155008	48.904	ug/l	97
4) Vinyl Chloride	2.253	62	154172	48.851	ug/l	99
5) Bromomethane	2.656	94	117454	46.702	ug/l	98
6) Chloroethane	2.796	64	103169	47.319	ug/l	95
7) Trichlorofluoromethane	3.125	101	236940	49.558	ug/l	99
8) Diethyl Ether	3.528	74	82853	50.890	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	130112	48.517	ug/l	97
10) Methyl Iodide	4.088	142	183173	54.382	ug/l	100
11) Tert butyl alcohol	4.985	59	71237	245.355	ug/l #	96
12) 1,1-Dichloroethene	3.869	96	130618	50.529	ug/l	95
13) Acrolein	3.735	56	55931	234.208	ug/l	91
14) Allyl chloride	4.479	41	244844	51.046	ug/l	97
15) Acrylonitrile	5.161	53	235550	258.336	ug/l	98
16) Acetone	3.954	43	295285	274.995	ug/l	98
17) Carbon Disulfide	4.192	76	429530	51.153	ug/l	100
18) Methyl Acetate	4.479	43	180040	50.766	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	386960	51.851	ug/l	100
20) Methylene Chloride	4.710	84	165494	49.042	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	144591	51.157	ug/l	99
22) Diisopropyl ether	6.119	45	477880	50.973	ug/l	94
23) Vinyl Acetate	6.058	43	1537104	287.399	ug/l	95
24) 1,1-Dichloroethane	6.015	63	262793	50.294	ug/l	98
25) 2-Butanone	6.990	43	358215	263.047	ug/l	93
26) 2,2-Dichloropropane	6.978	77	225890	50.170	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	157473	50.426	ug/l	94
28) Bromochloromethane	7.332	49	91714	49.463	ug/l	82
29) Tetrahydrofuran	7.344	42	220785	260.456	ug/l	92
30) Chloroform	7.502	83	258701	49.797	ug/l	99
31) Cyclohexane	7.783	56	234575	48.050	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	233387	50.344	ug/l	97
36) 1,1-Dichloropropene	7.917	75	200294	49.833	ug/l	98
37) Ethyl Acetate	7.076	43	158648	52.452	ug/l #	94
38) Carbon Tetrachloride	7.899	117	213122	50.591	ug/l	96
39) Methylcyclohexane	9.185	83	241737	51.017	ug/l	98
40) Benzene	8.161	78	572486	50.565	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	72818	51.552	ug/l	94
42) 1,2-Dichloroethane	8.234	62	188905	51.035	ug/l	98
43) Isopropyl Acetate	8.271	43	263617	51.636	ug/l	96
44) Trichloroethene	8.941	130	151962	50.459	ug/l	100
45) 1,2-Dichloropropane	9.216	63	149143	50.382	ug/l	100
46) Dibromomethane	9.301	93	89803	50.701	ug/l	96
47) Bromodichloromethane	9.496	83	200814	50.668	ug/l	99
48) Methyl methacrylate	9.295	41	125396	53.481	ug/l	92
49) 1,4-Dioxane	9.319	88	26482	1046.845	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	750650	263.858	ug/l	95
52) Toluene	10.246	92	348075	51.089	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	217073	51.751	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	240093	50.868	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	118583	50.555	ug/l	97
56) Ethyl methacrylate	10.508	69	174372	53.583	ug/l	90
57) 1,3-Dichloropropane	10.788	76	200987	50.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	287004	235.195	ug/l	93
59) 2-Hexanone	10.831	43	561120	271.333	ug/l	97
60) Dibromochloromethane	10.983	129	147366	51.741	ug/l	100
61) 1,2-Dibromoethane	11.087	107	118728	51.483	ug/l	98
64) Tetrachloroethene	10.721	164	128398	50.377	ug/l	96
65) Chlorobenzene	11.514	112	366580	50.206	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	136417	49.956	ug/l	99
67) Ethyl Benzene	11.593	91	655184	51.101	ug/l	99
68) m/p-Xylenes	11.703	106	498625	102.300	ug/l	98
69) o-Xylene	12.026	106	239301	51.912	ug/l	99
70) Styrene	12.044	104	397804	51.612	ug/l	99
71) Bromoform	12.209	173	97393	50.918	ug/l #	100
73) Isopropylbenzene	12.331	105	621260	51.540	ug/l	99
74) N-amyl acetate	12.142	43	231238	53.908	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	151906	51.558	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	197837	89.904	ug/l #	100
77) Bromobenzene	12.605	156	150350	51.477	ug/l	91
78) n-propylbenzene	12.672	91	767113	51.668	ug/l	97
79) 2-Chlorotoluene	12.758	91	426261	51.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	511599	52.001	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	56367	53.648	ug/l	97
82) 4-Chlorotoluene	12.855	91	444378	51.423	ug/l	97
83) tert-Butylbenzene	13.075	119	442395	51.902	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	502009	52.483	ug/l	100
85) sec-Butylbenzene	13.251	105	658553	51.480	ug/l	99
86) p-Isopropyltoluene	13.367	119	531304	51.647	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	282758	50.815	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	282429	50.246	ug/l	99
89) n-Butylbenzene	13.696	91	515886	51.380	ug/l	98
90) Hexachloroethane	13.959	117	107743	49.763	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	258518	51.448	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26195	50.341	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	151613	50.608	ug/l	98
94) Hexachlorobutadiene	15.111	225	85616	49.105	ug/l	99
95) Naphthalene	15.233	128	343444	52.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	137174	51.373	ug/l	99

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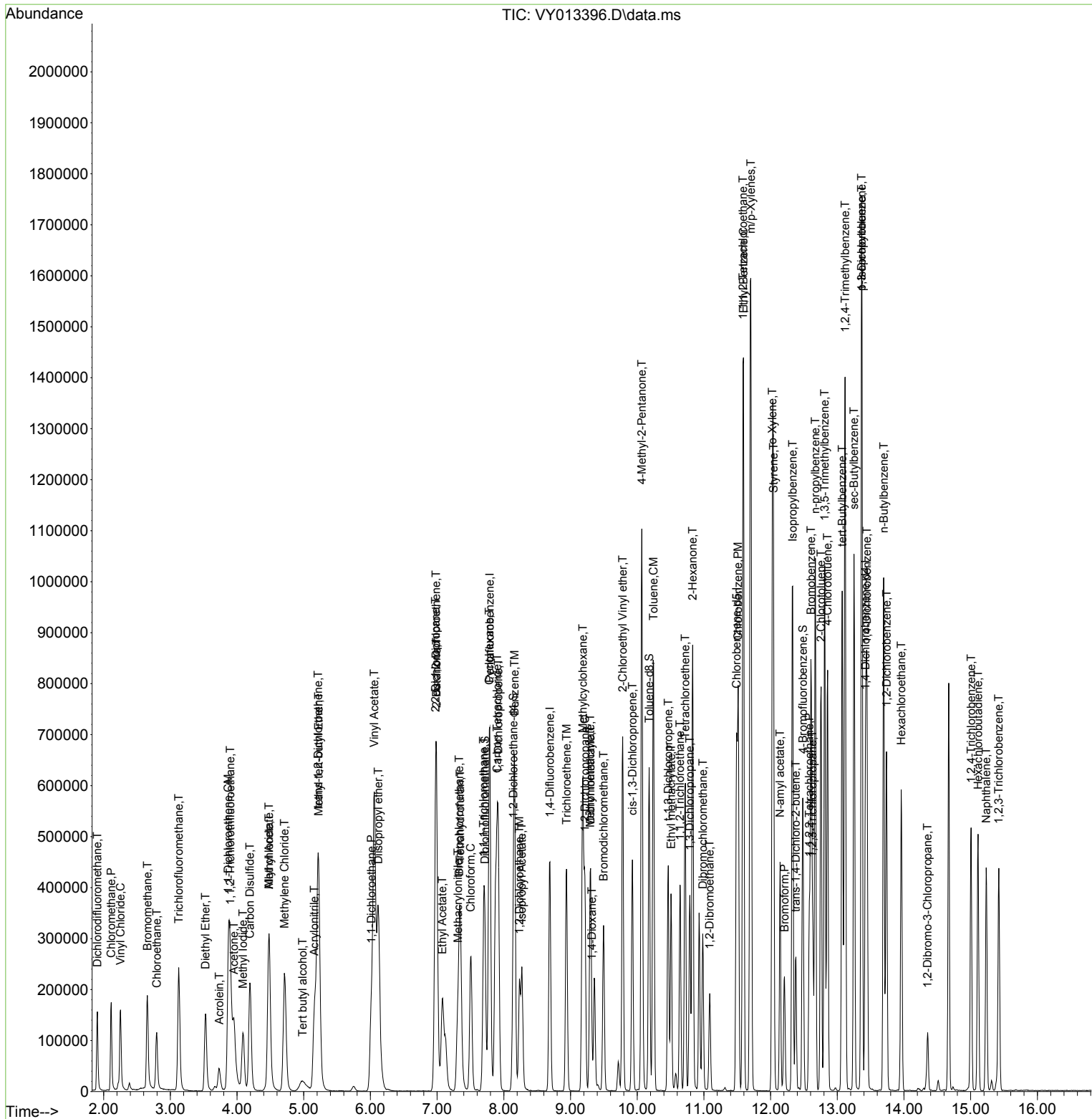
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

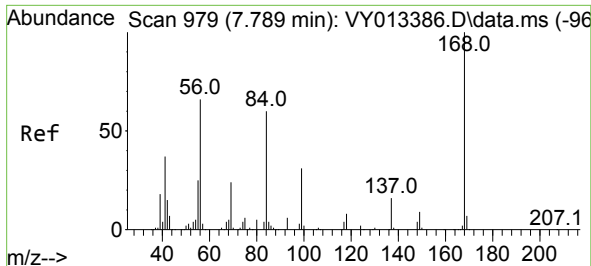
Quant Time: Apr 25 02:00:22 2023
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QLast Update : Mon Apr 24 14:03:33 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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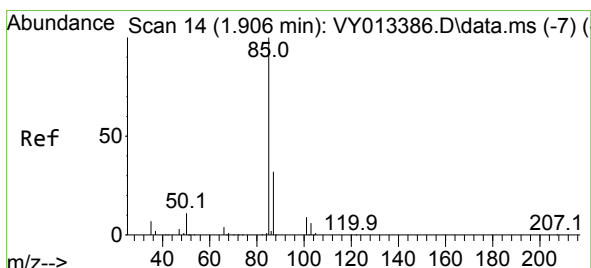
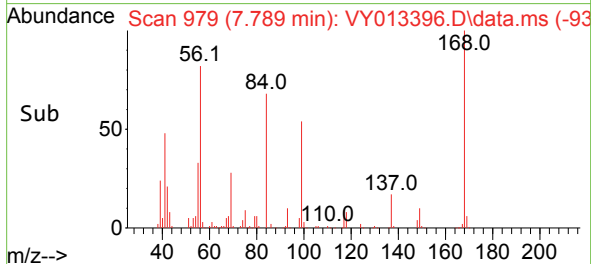
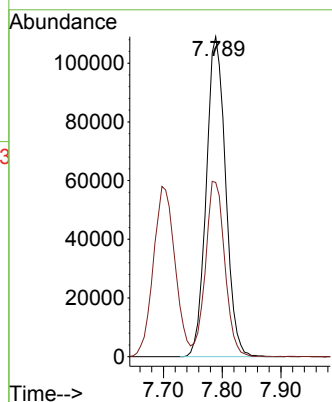
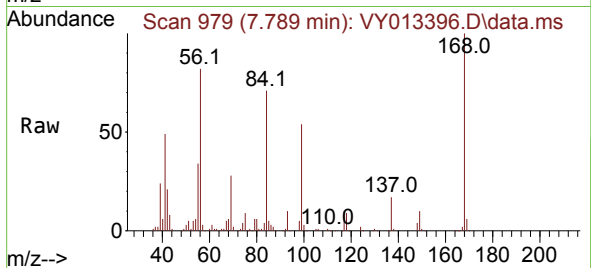




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013396.D
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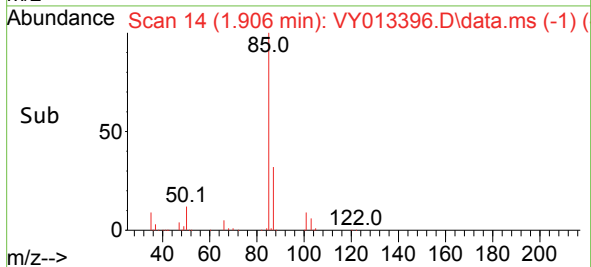
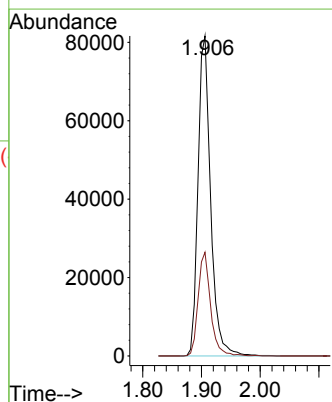
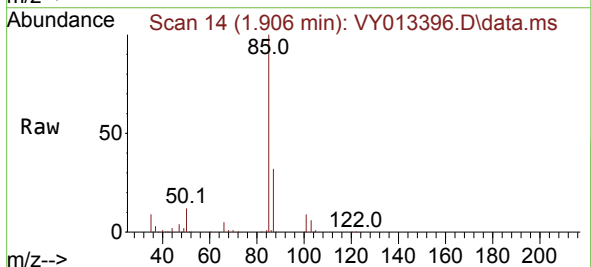
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

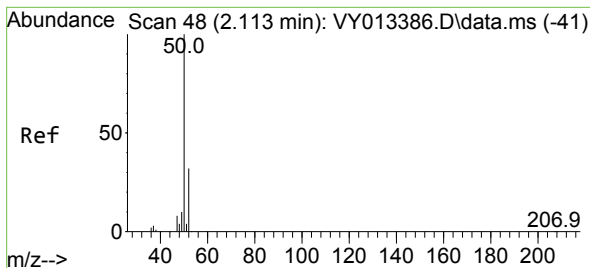
Tgt Ion:168 Resp: 248732
Ion Ratio Lower Upper
168 100
99 54.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.458 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 85 Resp: 121680
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





#3

Chloromethane

Concen: 48.904 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

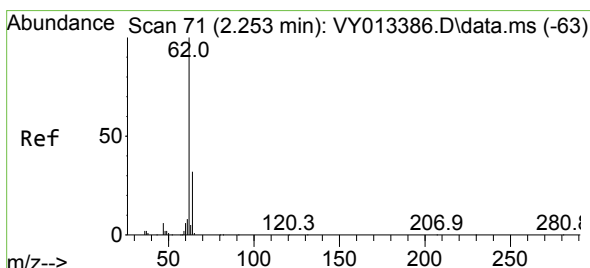
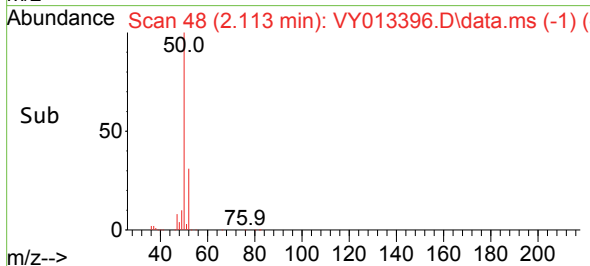
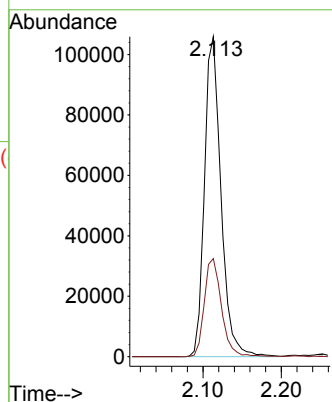
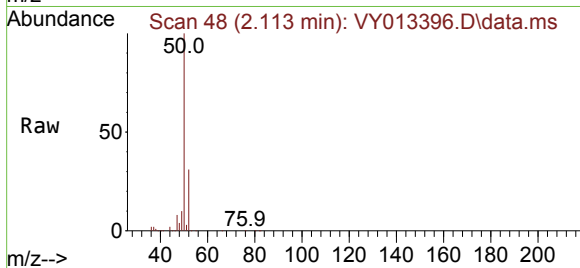
VSTDICCC050

Tgt Ion: 50 Resp: 155008

Ion Ratio Lower Upper

50 100

52 30.7 25.9 38.9



#4

Vinyl Chloride

Concen: 48.851 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013396.D

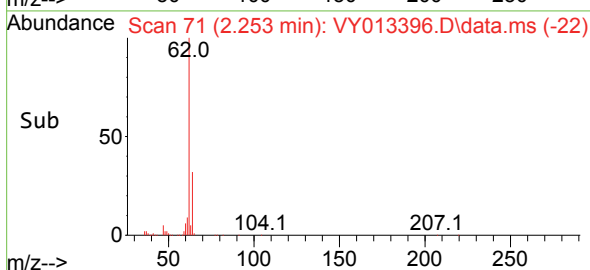
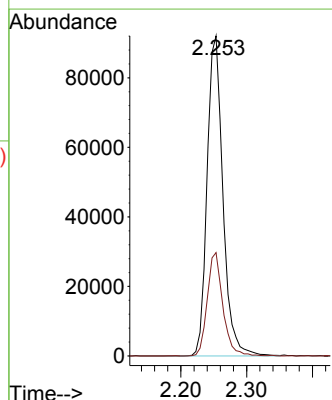
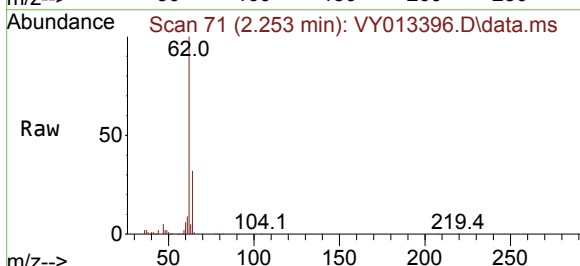
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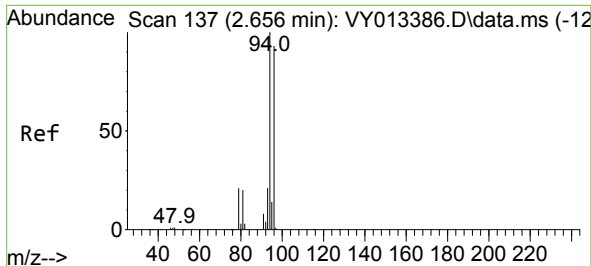
Tgt Ion: 62 Resp: 154172

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0

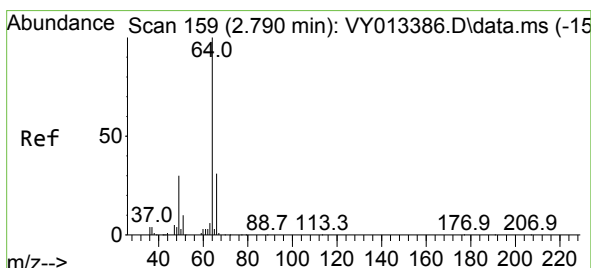
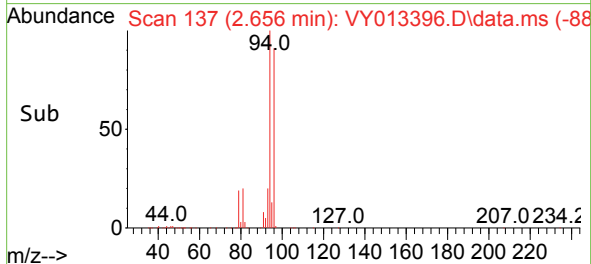
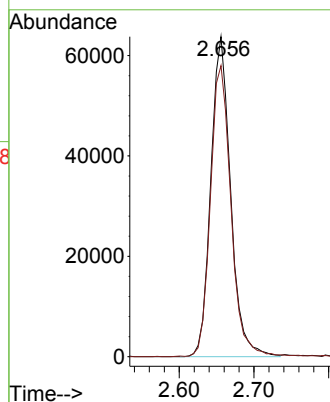
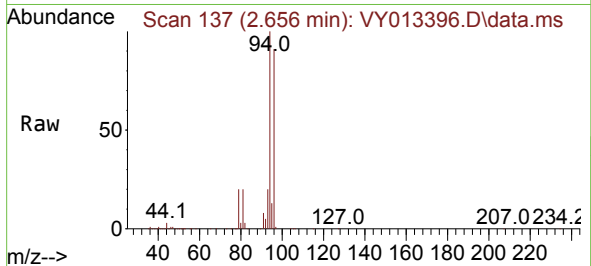




#5
Bromomethane
Concen: 46.702 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

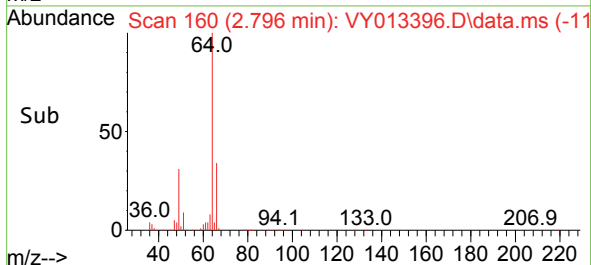
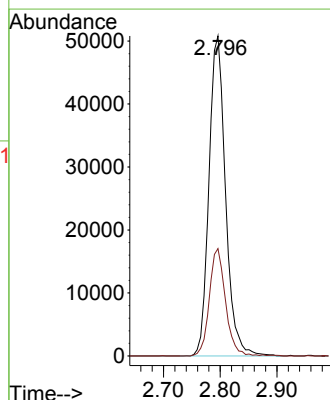
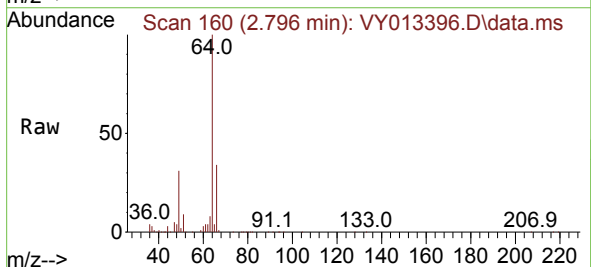
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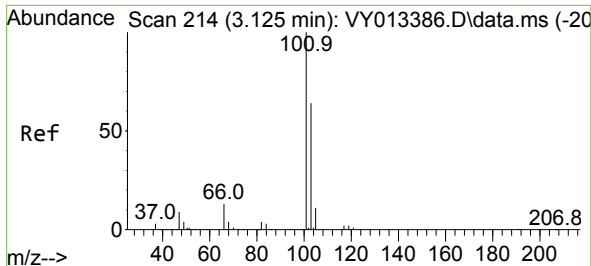
Tgt Ion: 94 Resp: 117454
Ion Ratio Lower Upper
94 100
96 90.7 74.2 111.2



#6
Chloroethane
Concen: 47.319 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 64 Resp: 103169
Ion Ratio Lower Upper
64 100
66 33.5 24.6 37.0

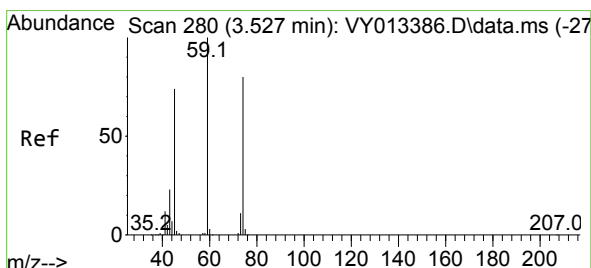
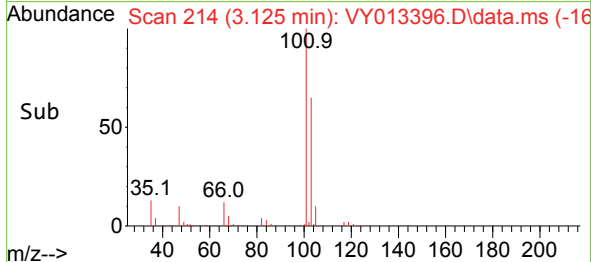
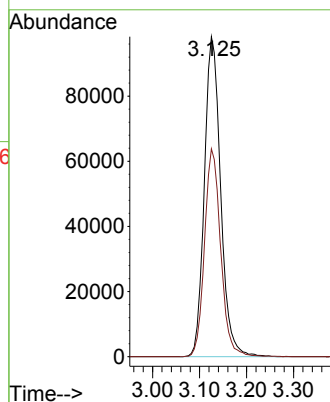
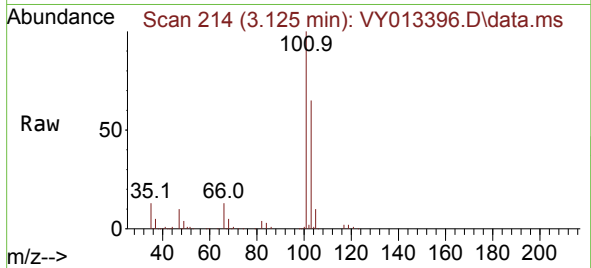




#7
 Trichlorofluoromethane
 Concen: 49.558 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013396.D
 Acq: 24 Apr 2023 12:34

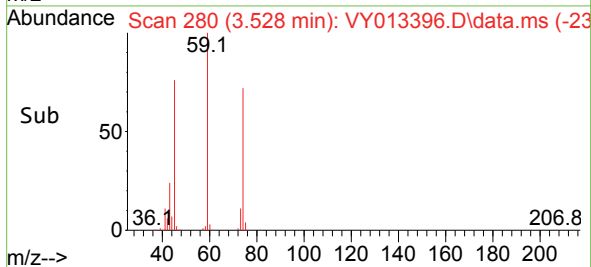
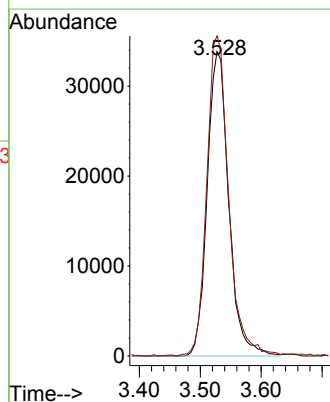
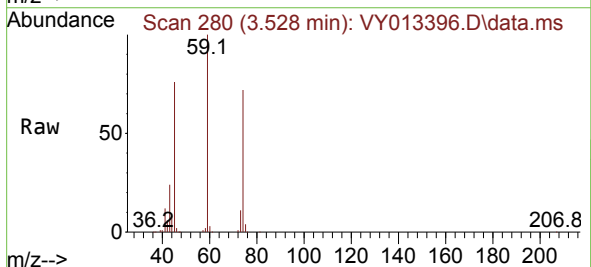
Instrument :
 MSVOA_Y
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 VSTDICCC050

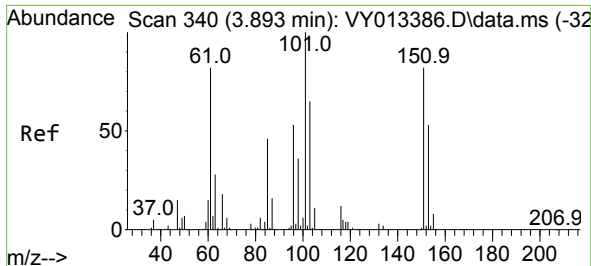
Tgt Ion:101 Resp: 236940
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.6 77.4



#8
 Diethyl Ether
 Concen: 50.890 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 82853
 Ion Ratio Lower Upper
 74 100
 45 107.0 48.2 144.6

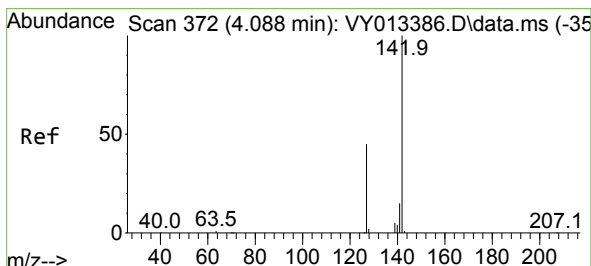
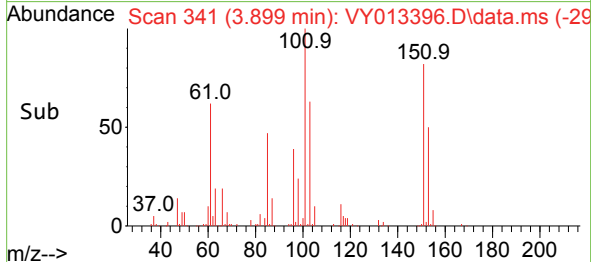
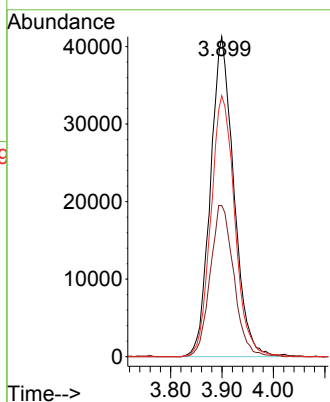
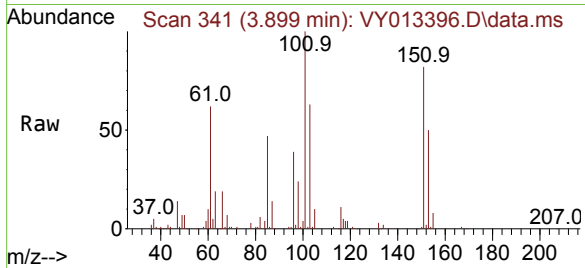




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.517 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

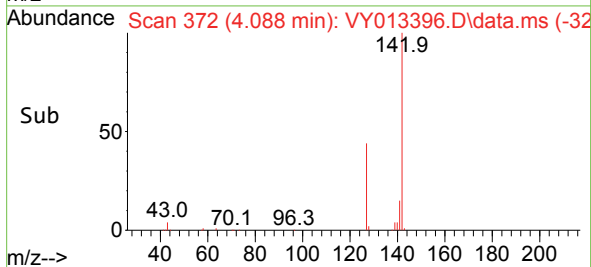
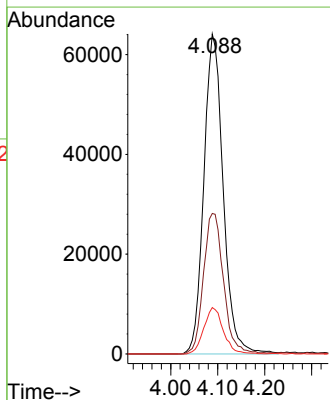
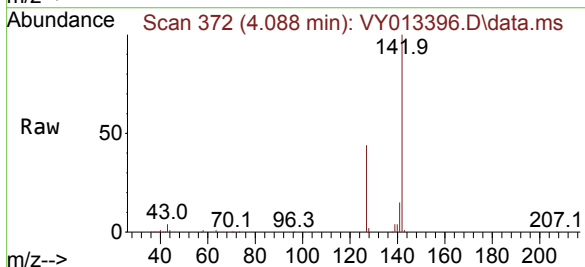
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

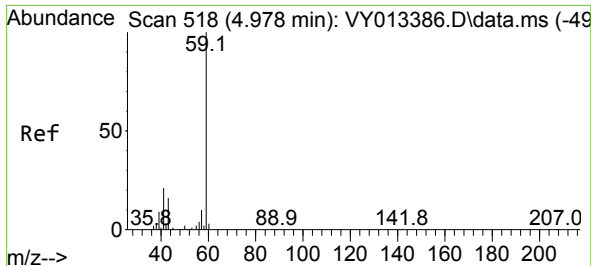
Tgt Ion:101 Resp: 130112
Ion Ratio Lower Upper
101 100
85 47.9 35.6 53.4
151 83.5 68.0 102.0



#10
Methyl Iodide
Concen: 54.382 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion:142 Resp: 183173
Ion Ratio Lower Upper
142 100
127 45.3 36.1 54.1
141 14.6 11.6 17.4

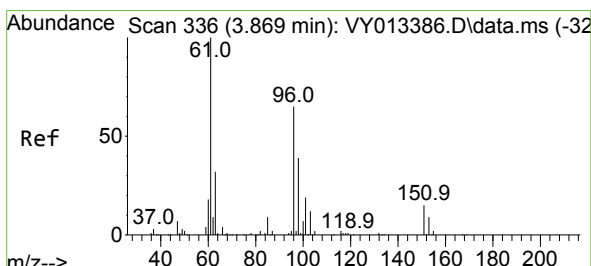
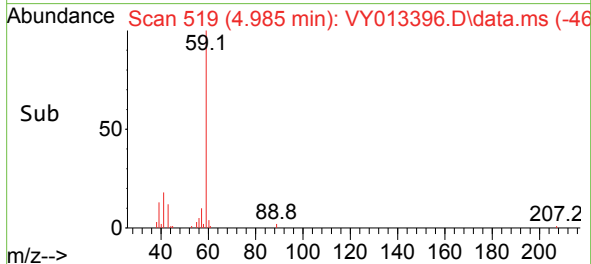
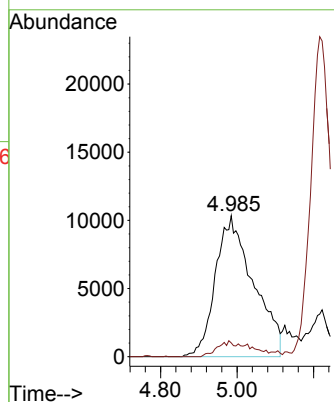
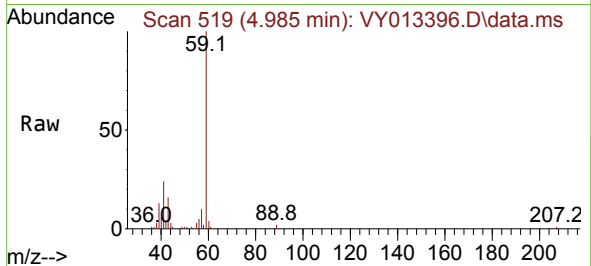




#11
Tert butyl alcohol
Concen: 245.355 ug/l
RT: 4.985 min Scan# 518
Delta R.T. 0.007 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

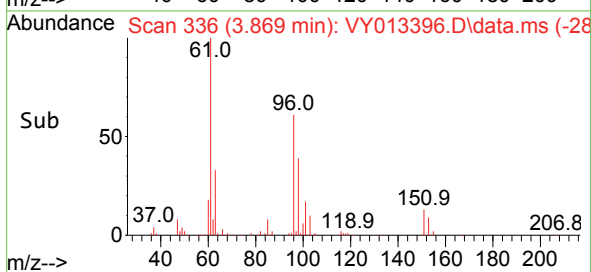
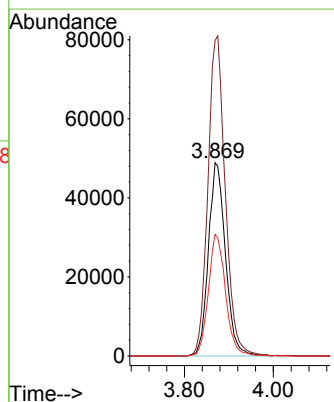
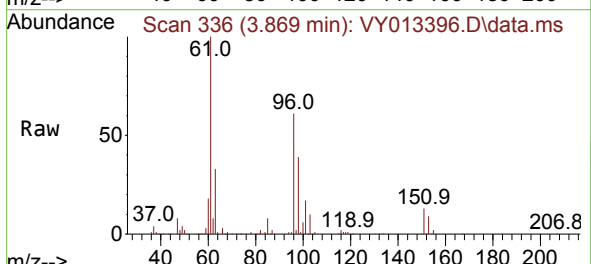
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

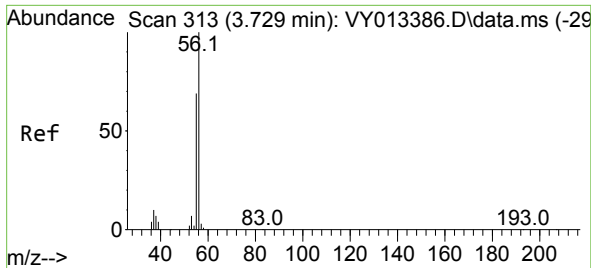
Tgt Ion: 59 Resp: 71237
Ion Ratio Lower Upper
59 100
57 5.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.529 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 96 Resp: 130618
Ion Ratio Lower Upper
96 100
61 163.2 123.9 185.9
98 62.9 48.9 73.3





#13

Acrolein

Concen: 234.208 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

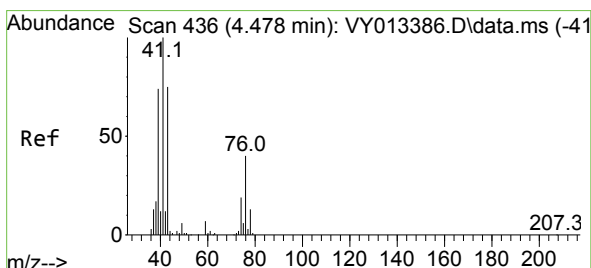
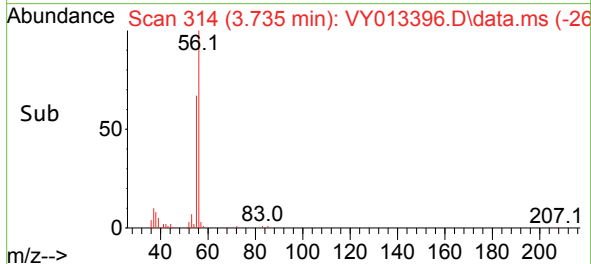
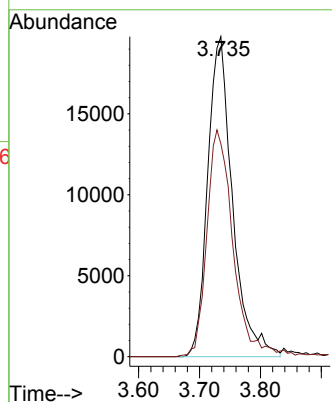
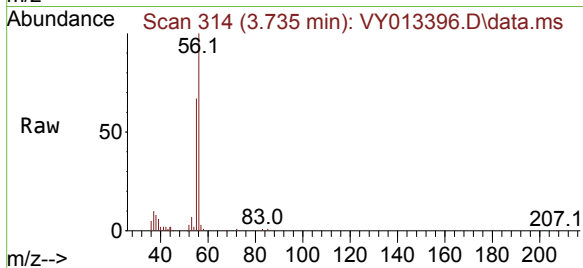
VSTDICCC050

Tgt Ion: 56 Resp: 55931

Ion Ratio Lower Upper

56 100

55 74.9 54.1 81.1



#14

Allyl chloride

Concen: 51.046 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

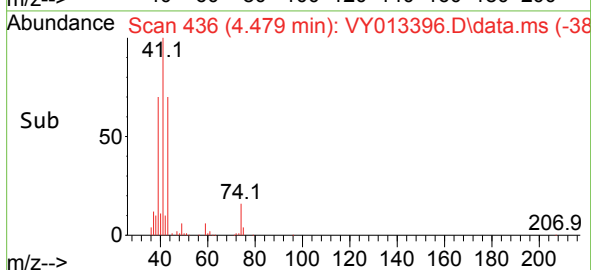
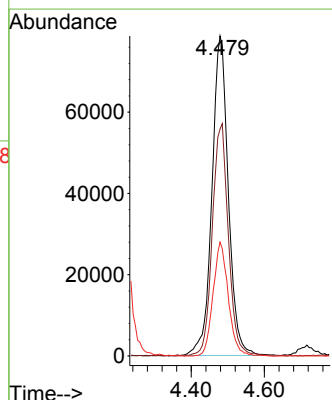
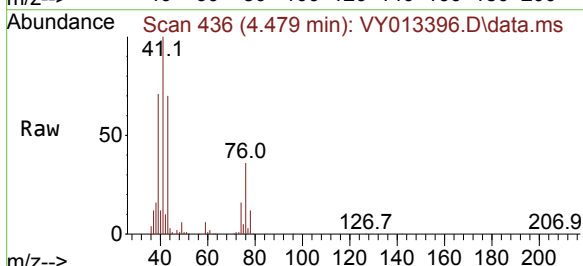
Tgt Ion: 41 Resp: 244844

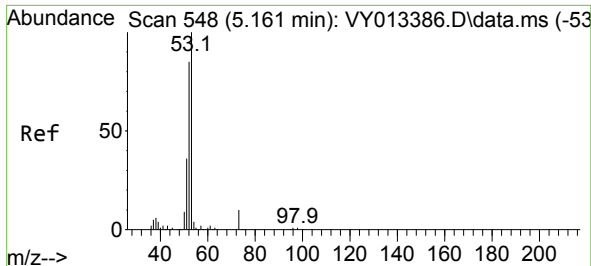
Ion Ratio Lower Upper

41 100

39 71.1 56.6 85.0

76 33.1 30.5 45.7

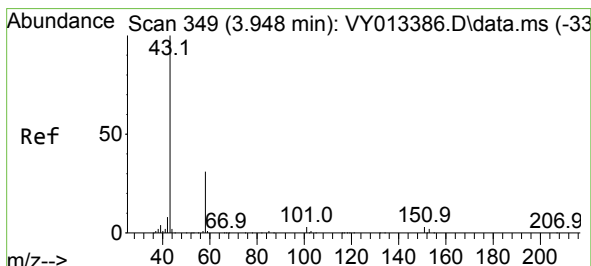
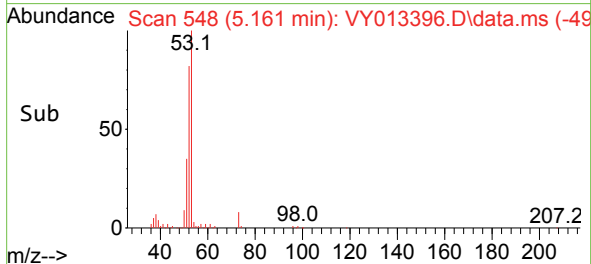
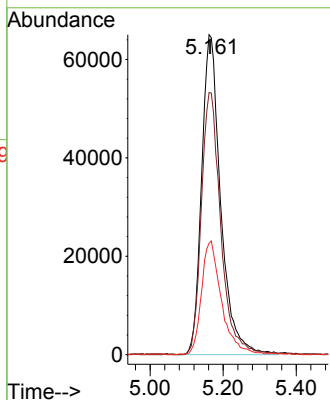
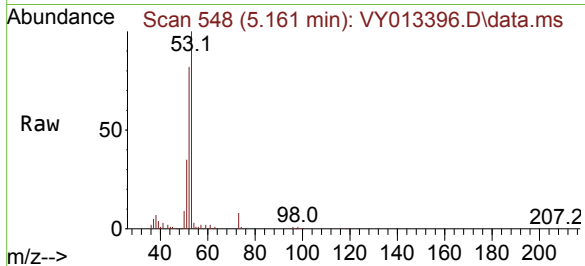




#15
Acrylonitrile
Concen: 258.336 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

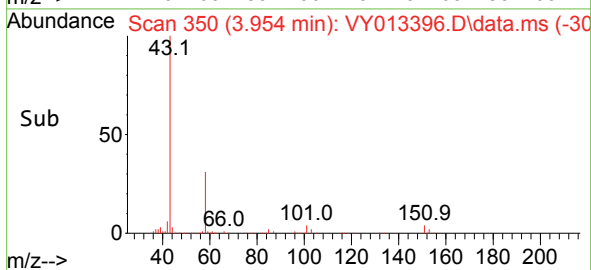
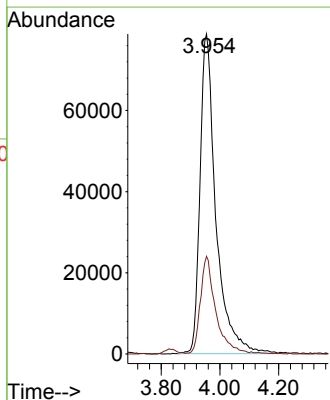
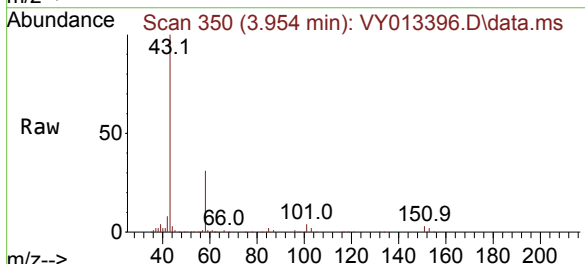
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

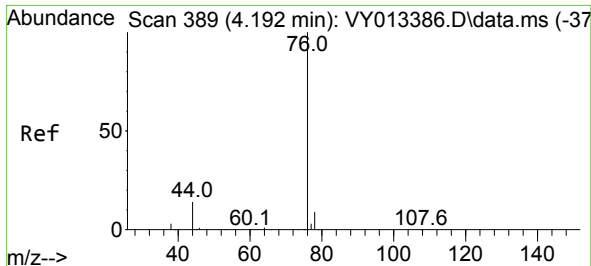
Tgt Ion: 53 Resp: 235550
Ion Ratio Lower Upper
53 100
52 83.6 65.4 98.0
51 36.7 29.3 43.9



#16
Acetone
Concen: 274.995 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 43 Resp: 295285
Ion Ratio Lower Upper
43 100
58 30.5 25.4 38.0

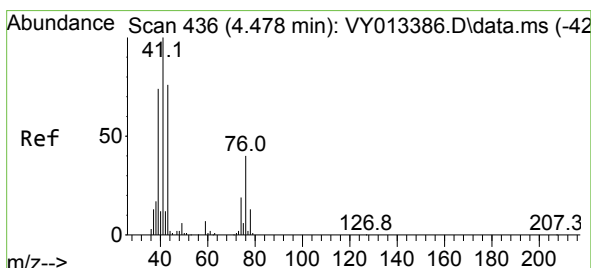
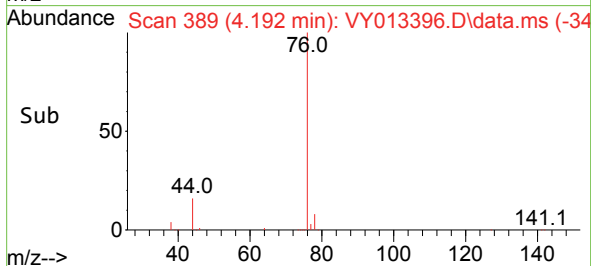
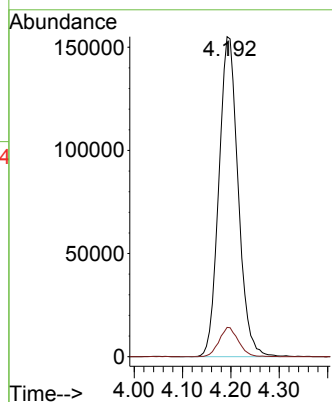
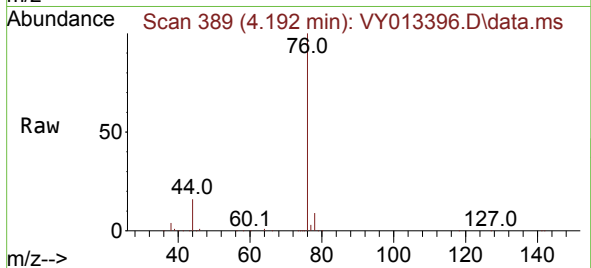




#17
Carbon Disulfide
Concen: 51.153 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

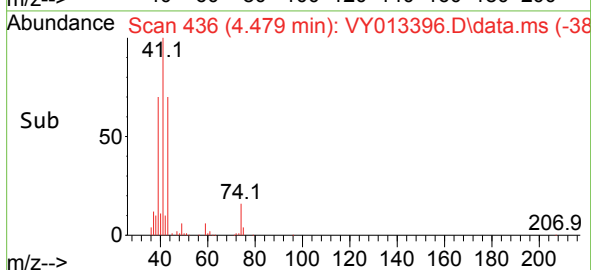
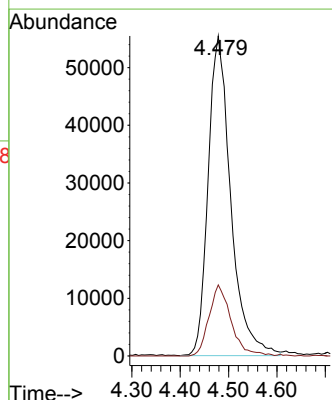
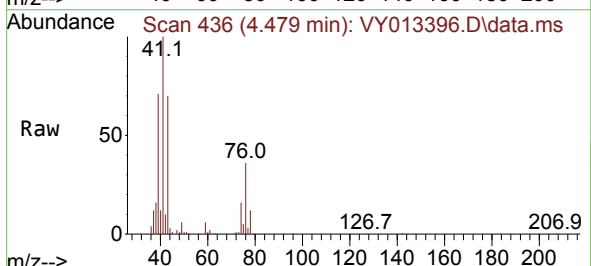
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

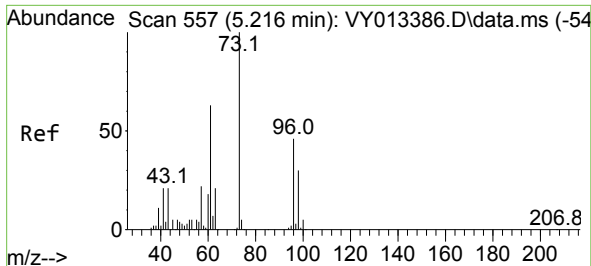
Tgt Ion: 76 Resp: 429530
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 50.766 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 43 Resp: 180040
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2

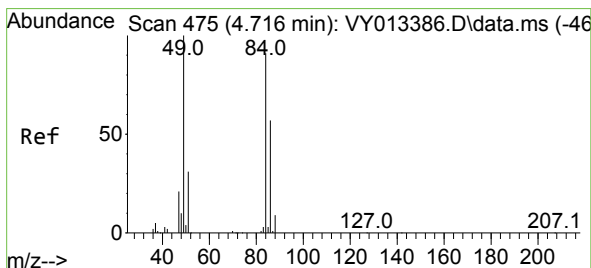
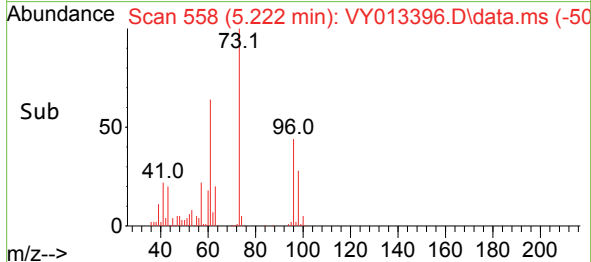
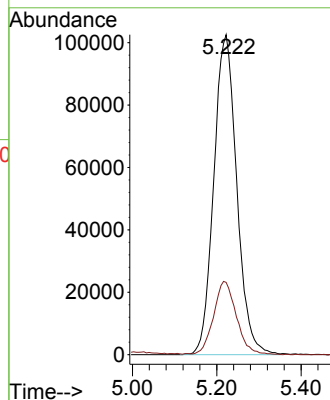
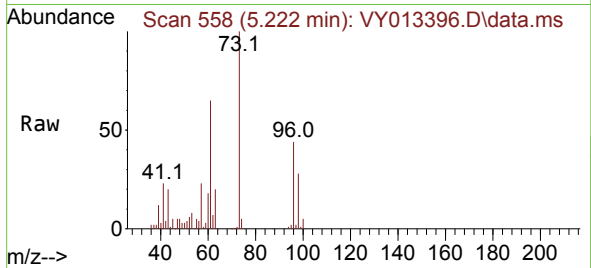




#19
Methyl tert-butyl Ether
Concen: 51.851 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

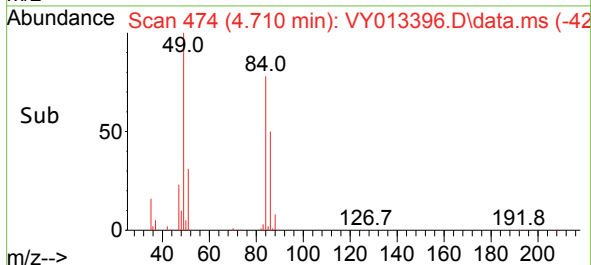
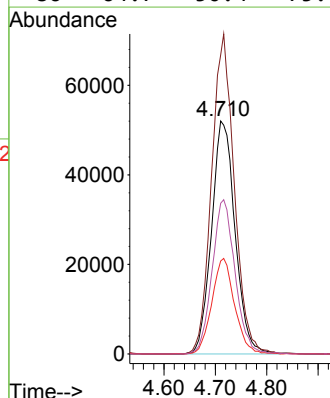
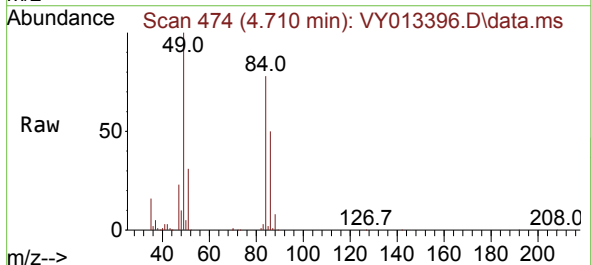
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

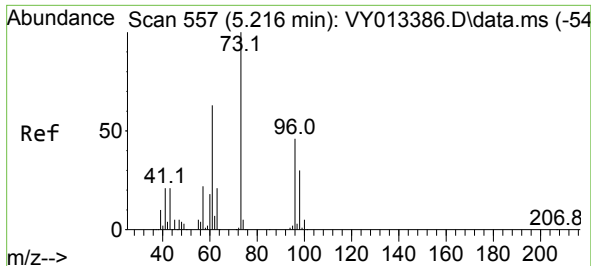
Tgt Ion: 73 Resp: 386960
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 49.042 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 84 Resp: 165494
Ion Ratio Lower Upper
84 100
49 128.4 88.0 132.0
51 39.9 27.4 41.0
86 64.7 50.4 75.6

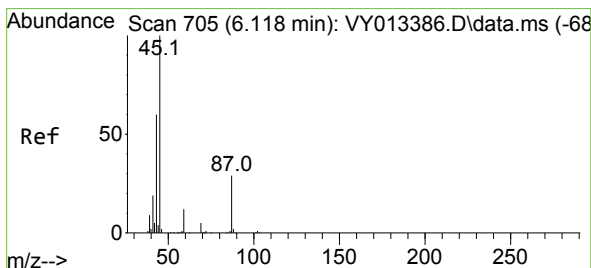
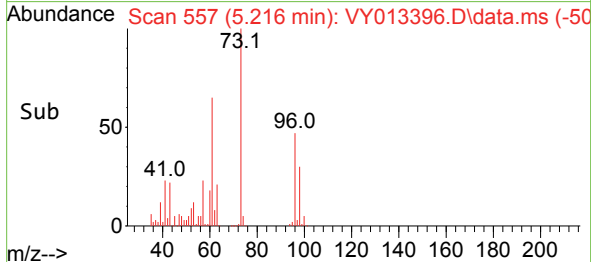
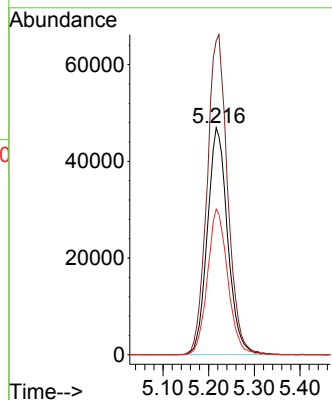
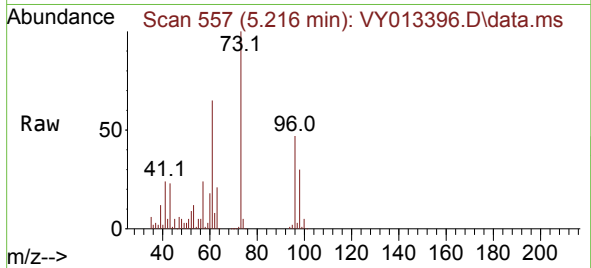




#21
trans-1,2-Dichloroethene
Concen: 51.157 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

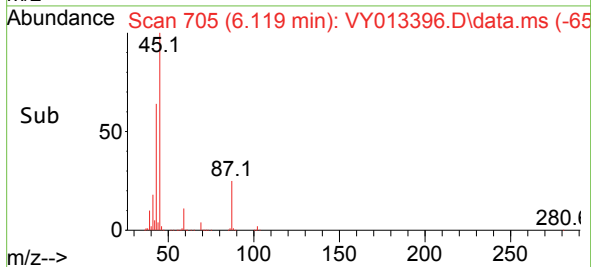
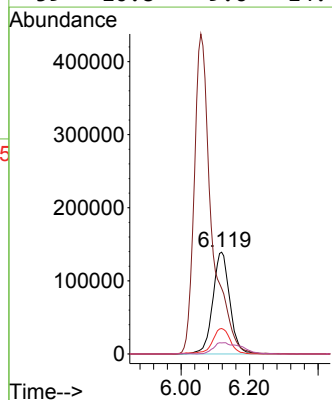
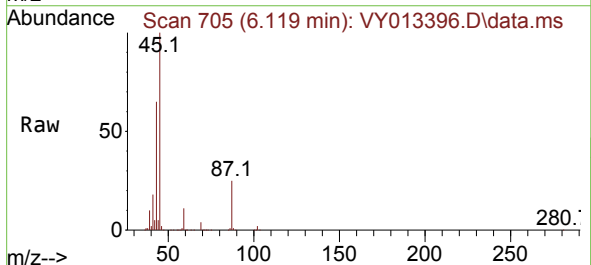
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

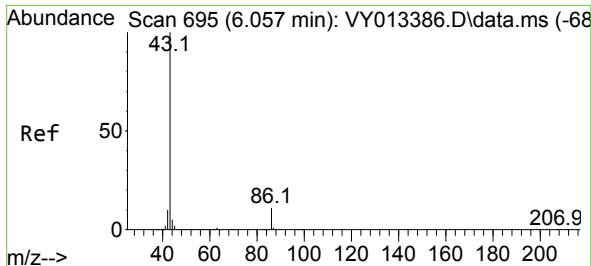
Tgt Ion: 96 Resp: 144591
Ion Ratio Lower Upper
96 100
61 138.2 110.6 165.8
98 64.1 53.1 79.7



#22
Diisopropyl ether
Concen: 50.973 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 45 Resp: 477880
Ion Ratio Lower Upper
45 100
43 64.1 48.4 72.6
87 25.0 23.8 35.6
59 10.8 9.6 14.4

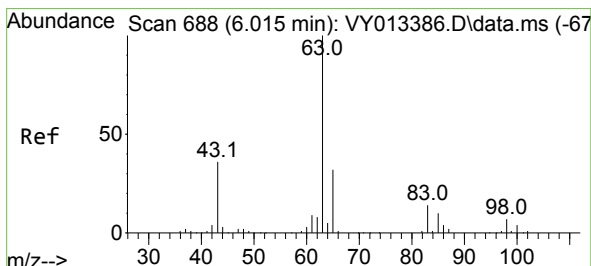
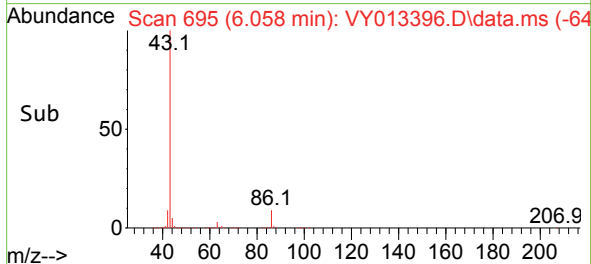
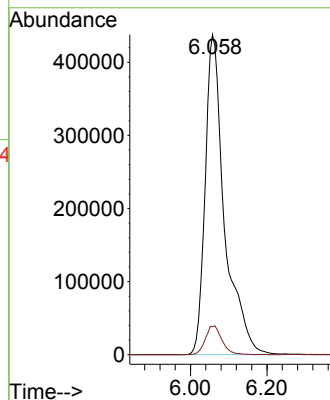
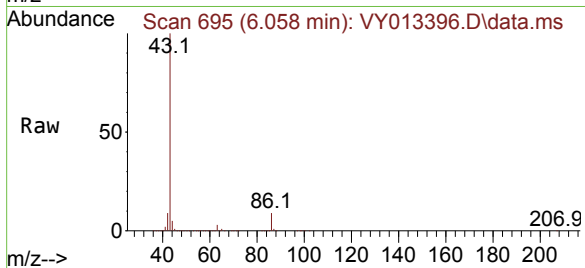




#23
 Vinyl Acetate
 Concen: 287.399 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013396.D
 Acq: 24 Apr 2023 12:34

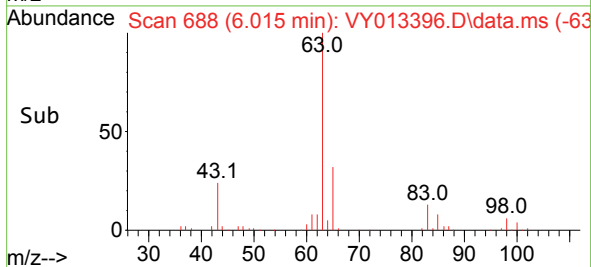
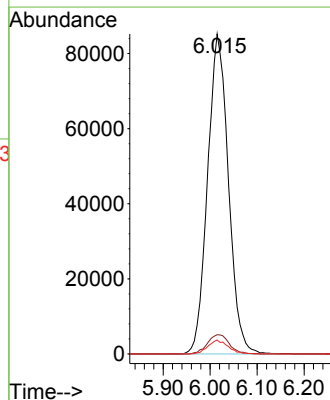
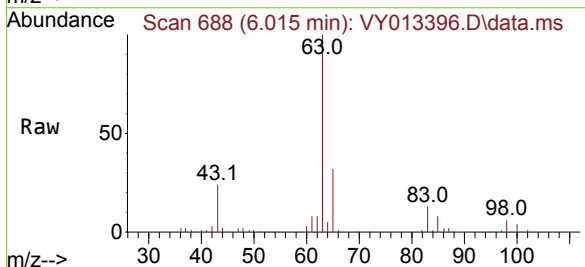
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

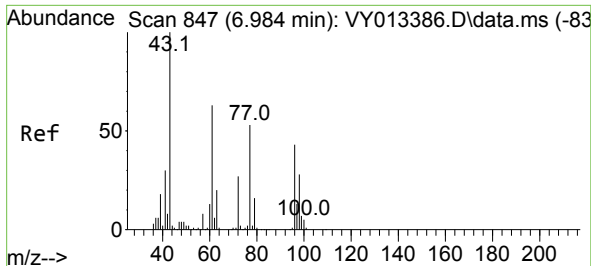
Tgt Ion: 43 Resp: 1537104
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.294 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013396.D
 Acq: 24 Apr 2023 12:34

Tgt Ion: 63 Resp: 262793
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.6
 100 4.3 2.2 6.6

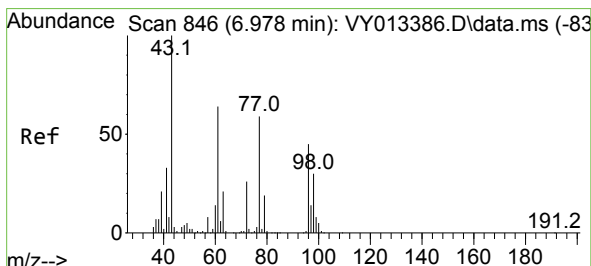
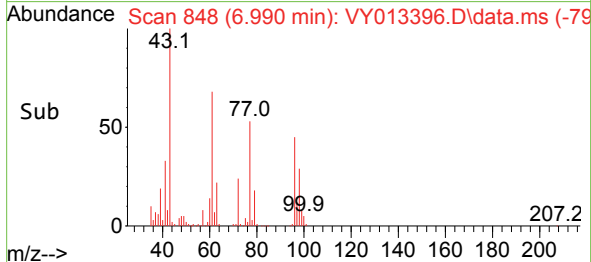
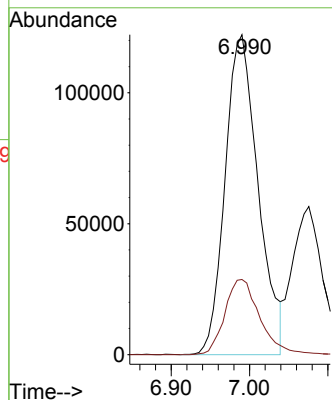
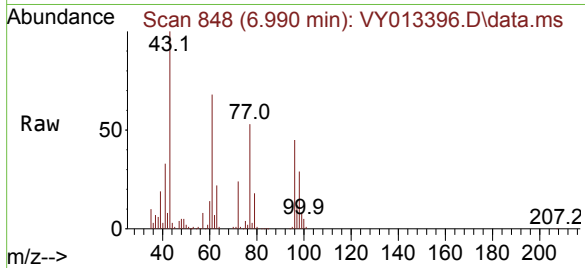




#25
2-Butanone
Concen: 263.047 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

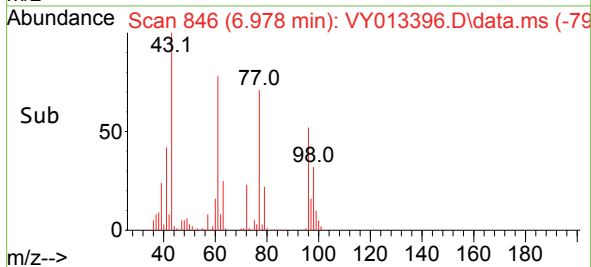
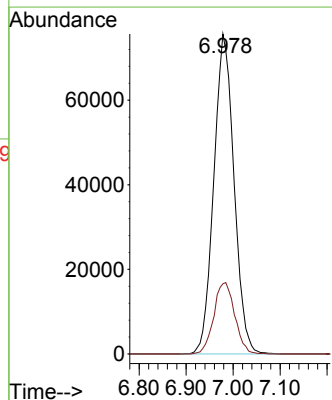
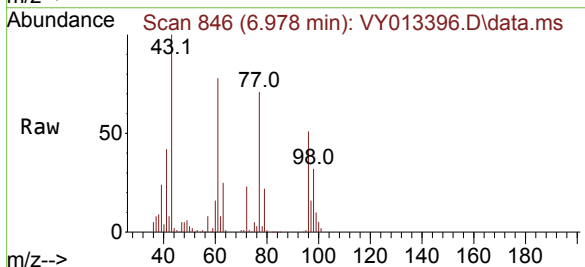
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

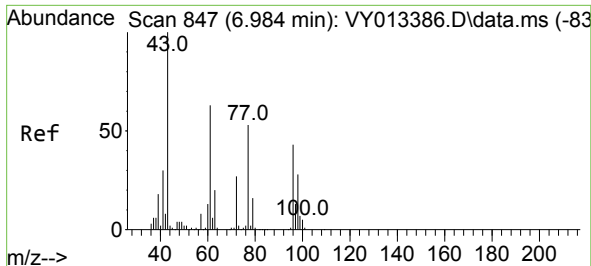
Tgt Ion: 43 Resp: 358215
Ion Ratio Lower Upper
43 100
72 23.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 50.170 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 77 Resp: 225890
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 50.426 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

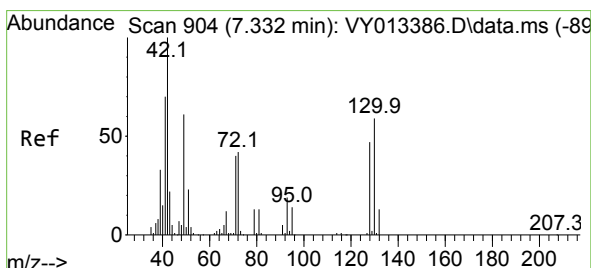
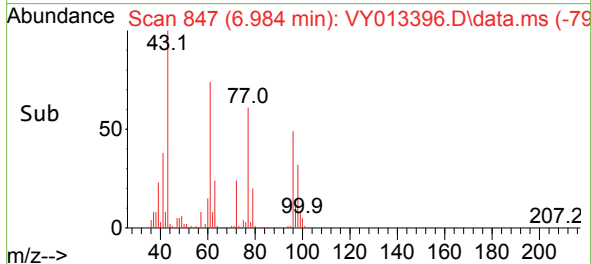
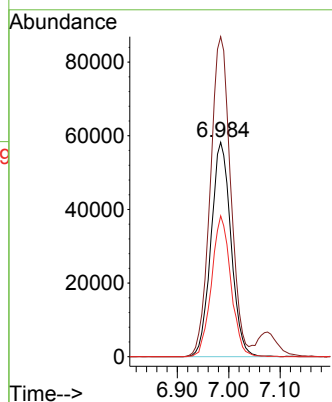
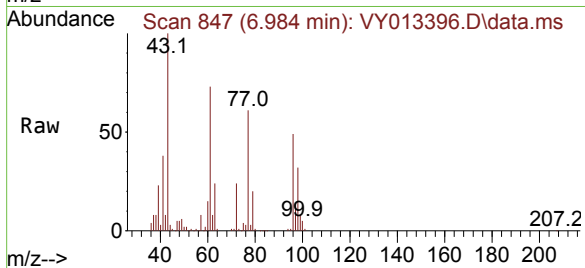
Tgt Ion: 96 Resp: 157473

Ion Ratio Lower Upper

96 100

61 151.2 0.0 285.0

98 63.5 0.0 130.6



#28

Bromochloromethane

Concen: 49.463 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

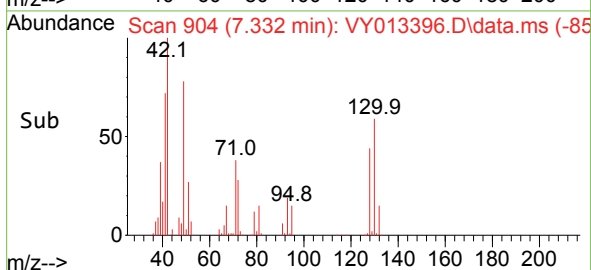
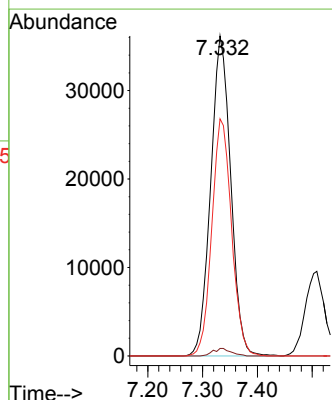
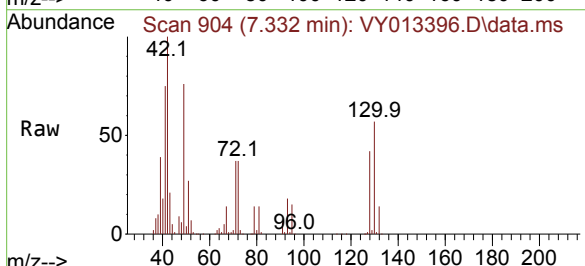
Tgt Ion: 49 Resp: 91714

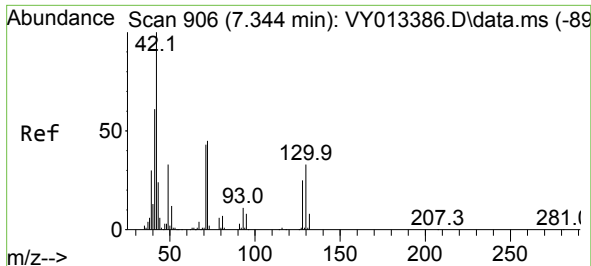
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.2

130 73.0 72.1 108.1





#29

Tetrahydrofuran

Concen: 260.456 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

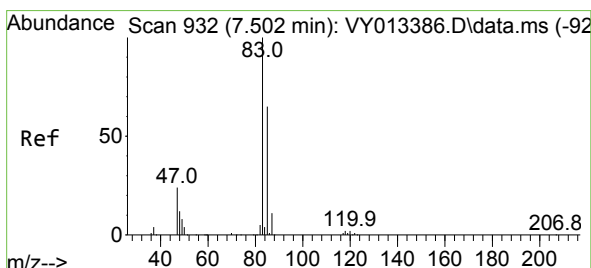
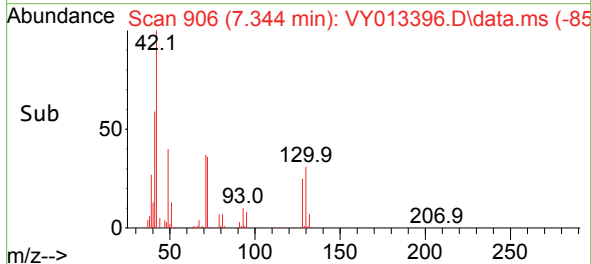
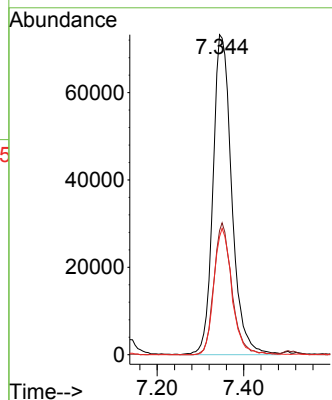
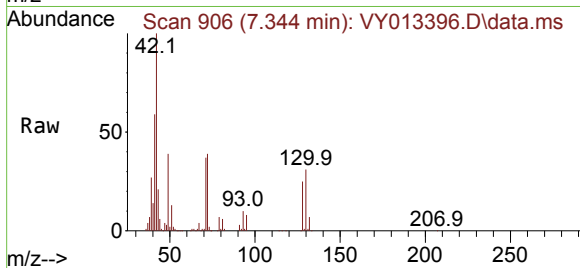
Tgt Ion: 42 Resp: 220785

Ion Ratio Lower Upper

42 100

72 39.4 35.9 53.9

71 38.1 34.3 51.5



#30

Chloroform

Concen: 49.797 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013396.D

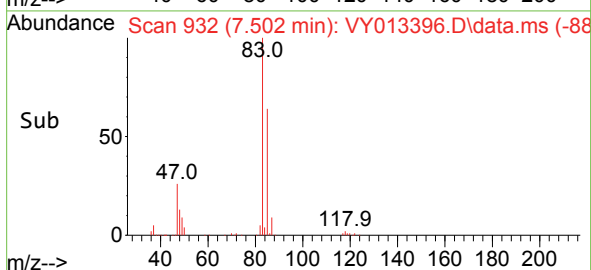
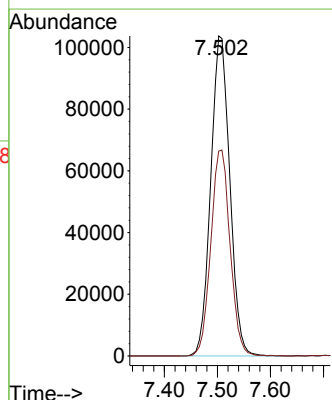
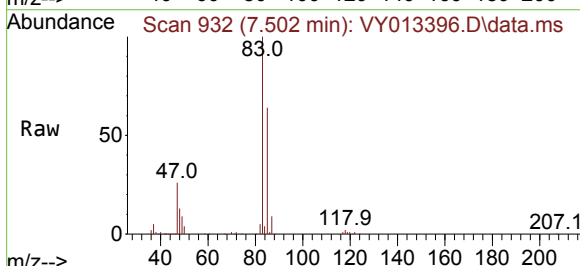
Acq: 24 Apr 2023 12:34

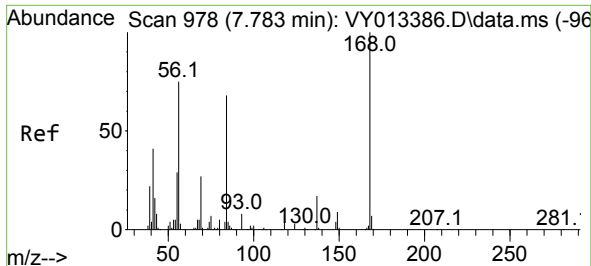
Tgt Ion: 83 Resp: 258701

Ion Ratio Lower Upper

83 100

85 64.1 52.0 78.0

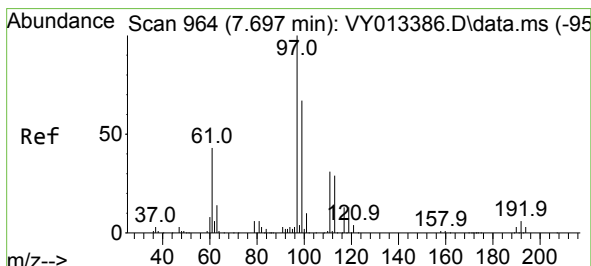
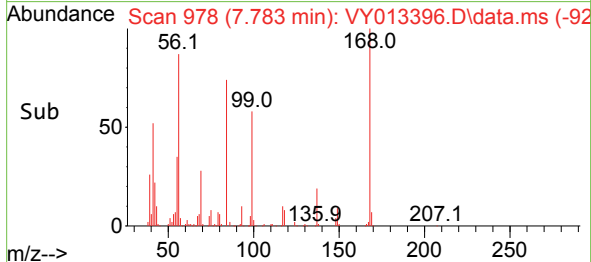
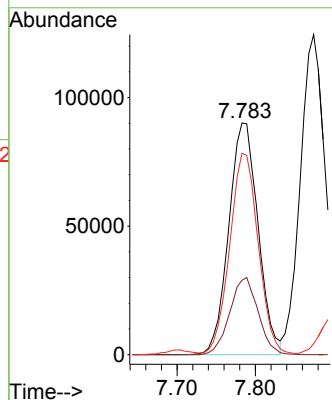
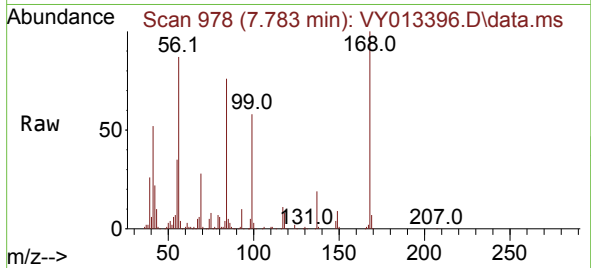




#31
Cyclohexane
Concen: 48.050 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

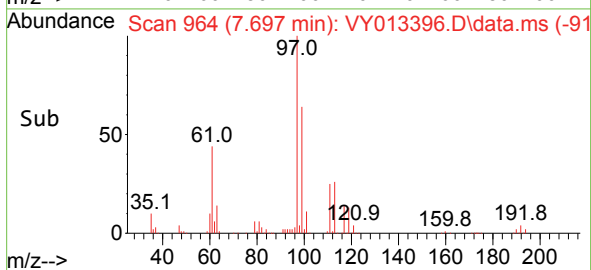
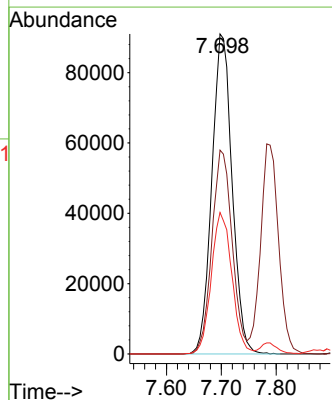
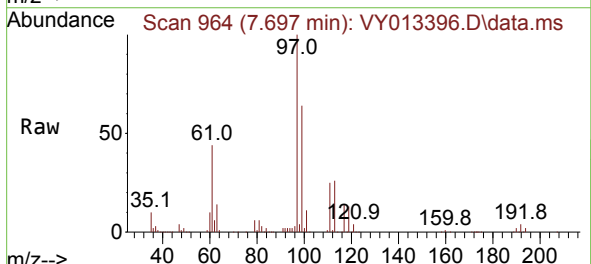
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

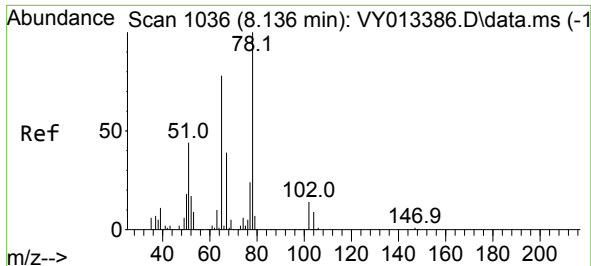
Tgt Ion: 56 Resp: 234575
Ion Ratio Lower Upper
56 100
69 32.1 29.2 43.8
84 84.9 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.344 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 97 Resp: 233387
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 45.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.459 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

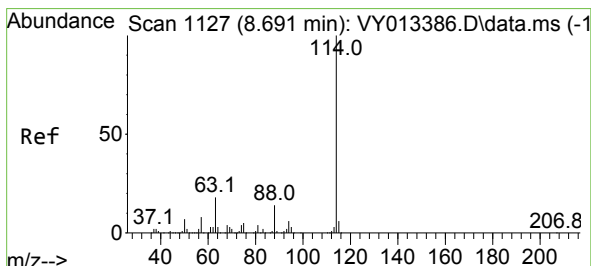
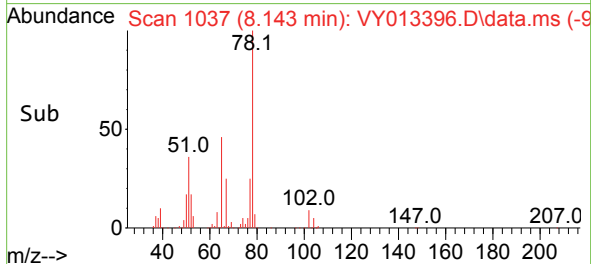
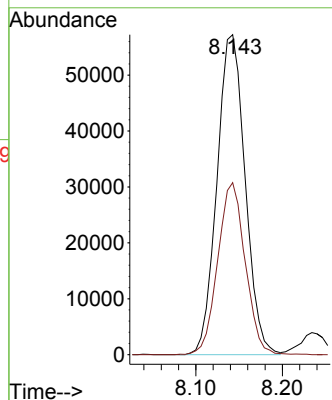
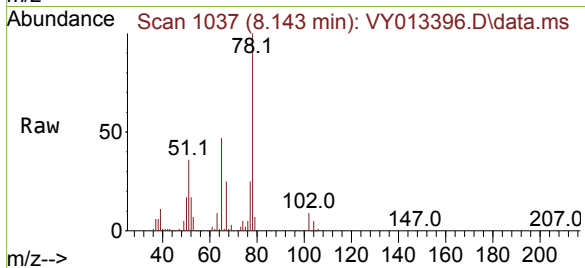
VSTDICCC050

Tgt Ion: 65 Resp: 129405

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

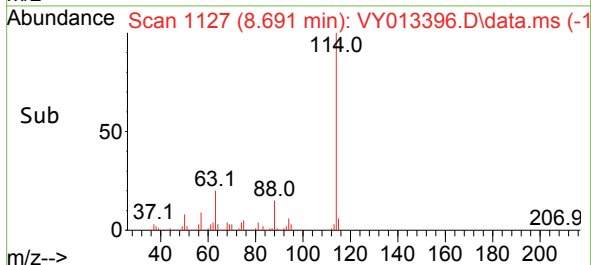
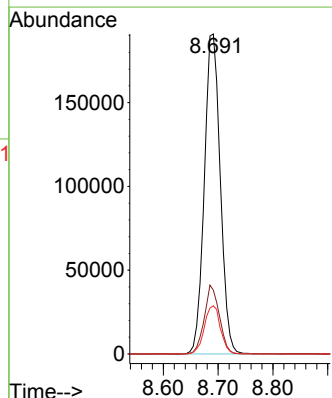
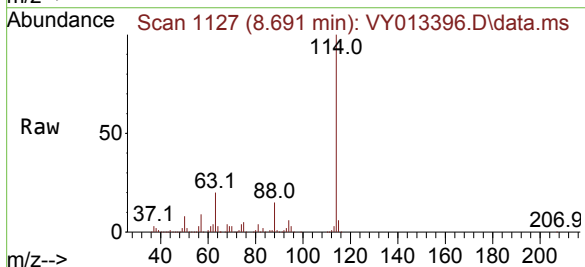
Tgt Ion: 114 Resp: 385049

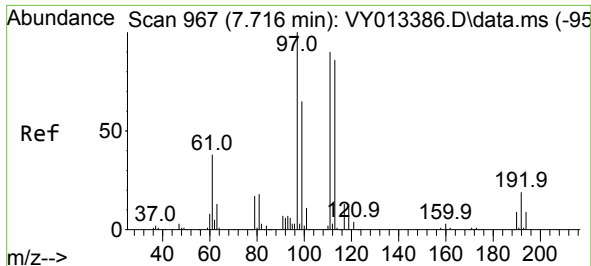
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 15.1 0.0 28.8

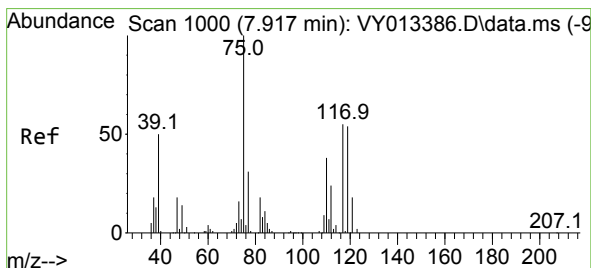
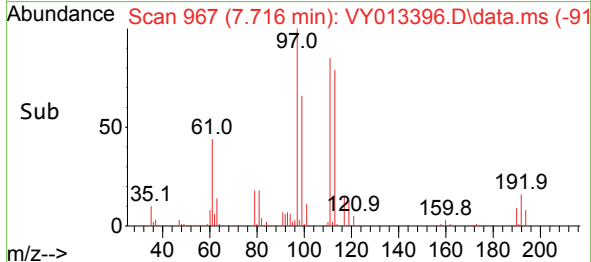
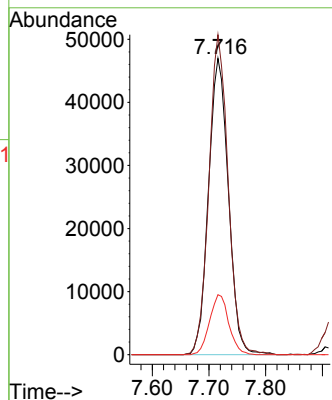
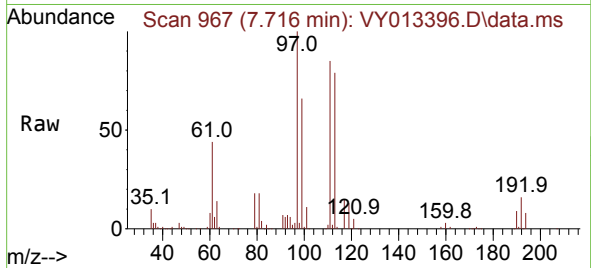




#35
Dibromofluoromethane
Concen: 47.135 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

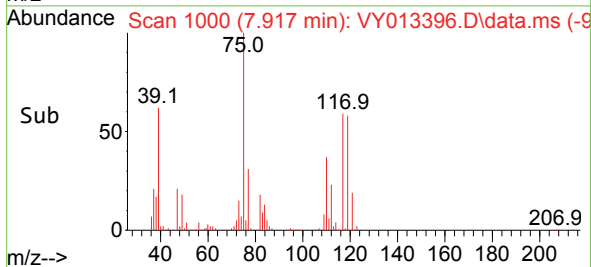
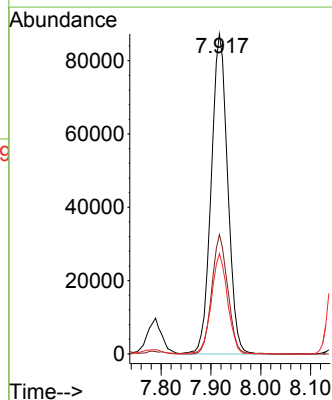
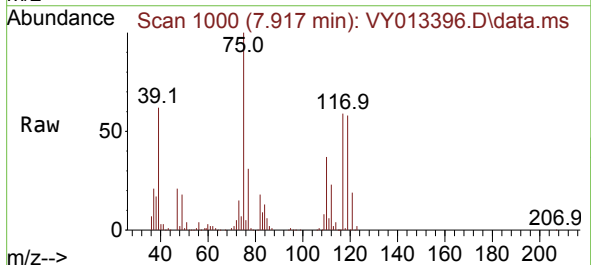
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

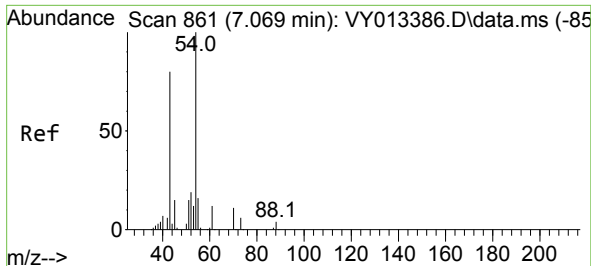
Tgt Ion:113 Resp: 114150
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 49.833 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 75 Resp: 200294
Ion Ratio Lower Upper
75 100
110 36.0 18.7 56.1
77 31.1 24.6 37.0

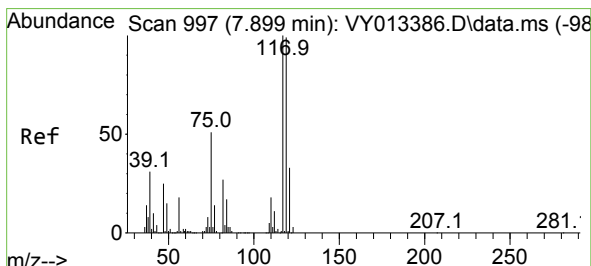
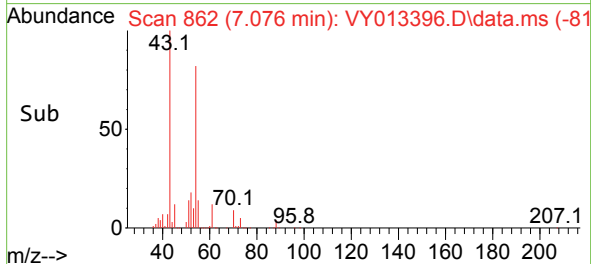
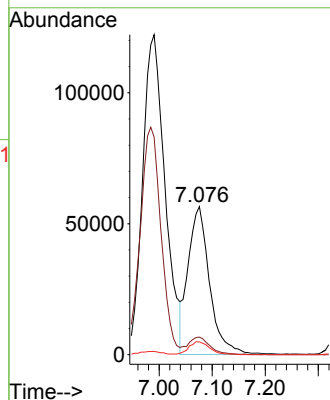
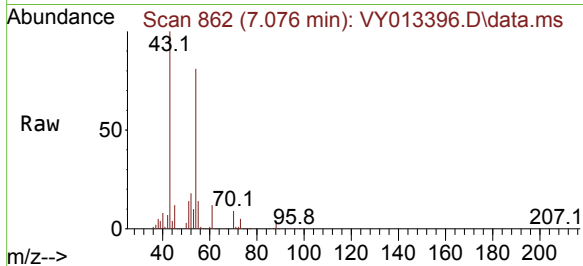




#37
Ethyl Acetate
Concen: 52.452 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

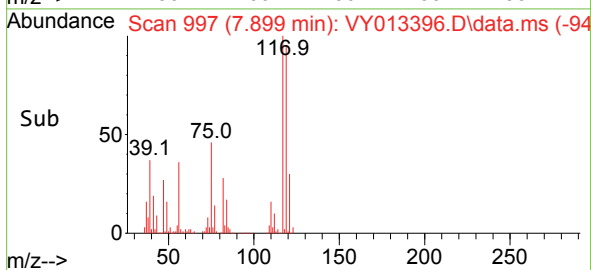
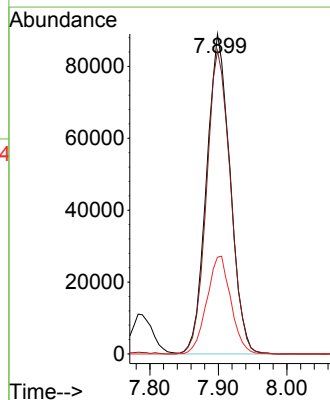
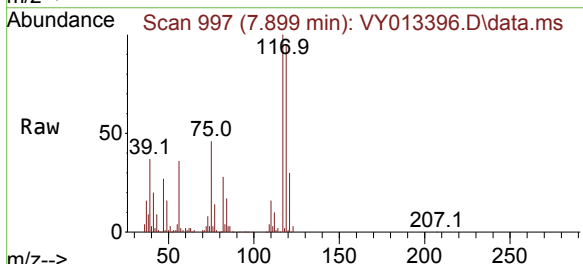
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

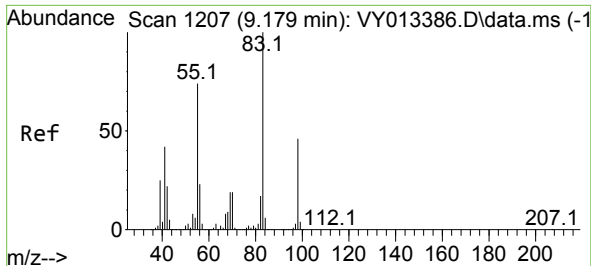
Tgt Ion: 43 Resp: 158648
Ion Ratio Lower Upper
43 100
61 10.9 11.4 17.0#
70 8.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.591 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 117 Resp: 213122
Ion Ratio Lower Upper
117 100
119 94.8 79.0 118.6
121 30.3 26.6 40.0





#39

Methylcyclohexane

Concen: 51.017 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

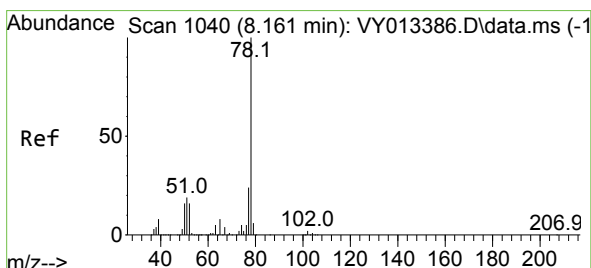
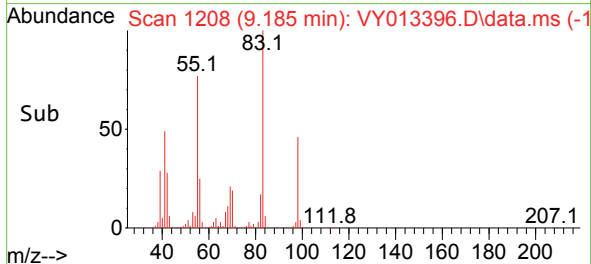
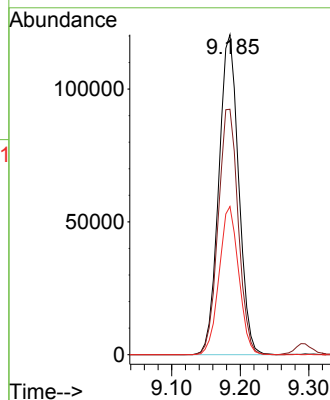
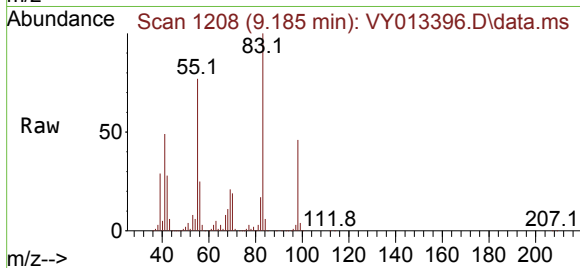
Tgt Ion: 83 Resp: 241737

Ion Ratio Lower Upper

83 100

55 76.7 59.0 88.4

98 46.3 37.0 55.4



#40

Benzene

Concen: 50.565 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013396.D

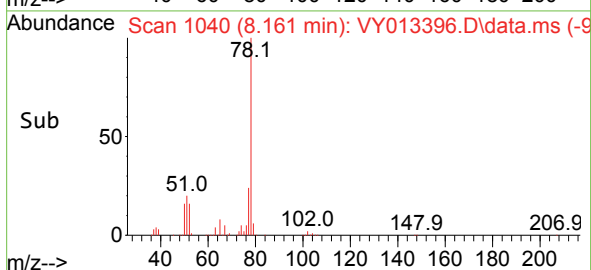
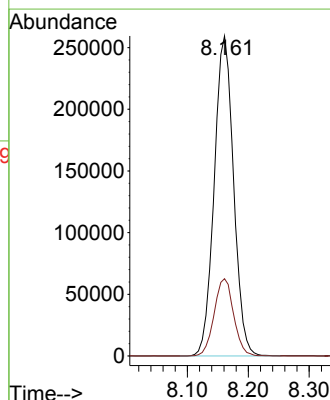
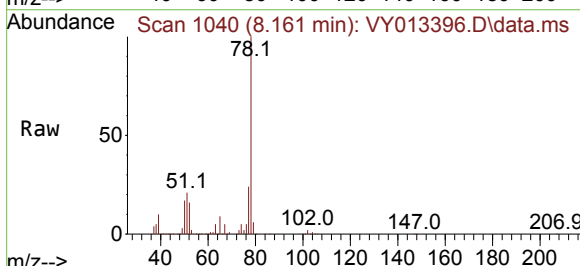
Acq: 24 Apr 2023 12:34

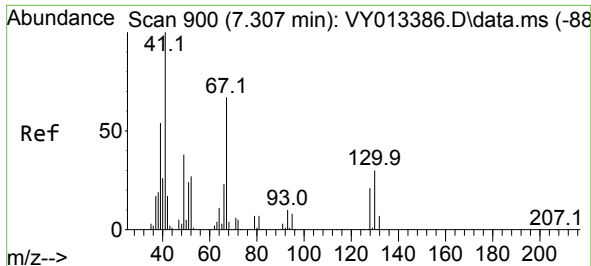
Tgt Ion: 78 Resp: 572486

Ion Ratio Lower Upper

78 100

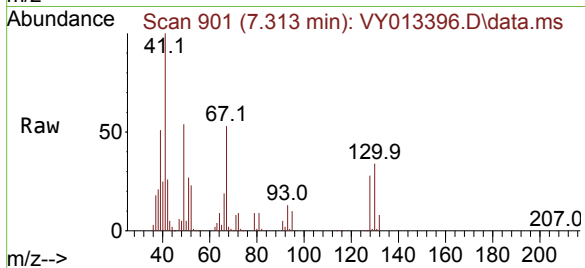
77 24.1 19.2 28.8



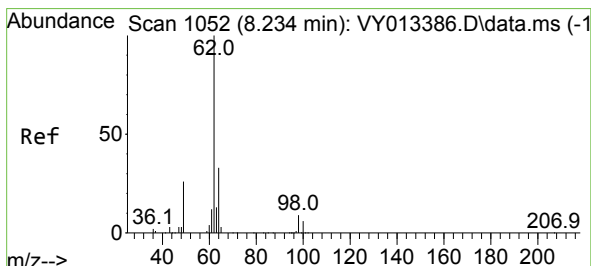
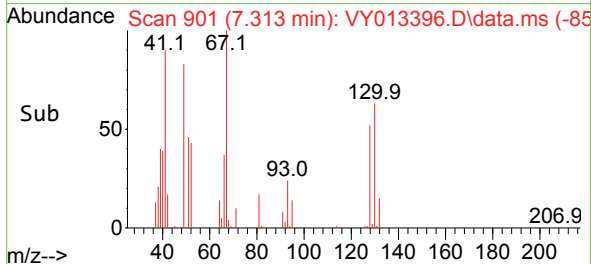
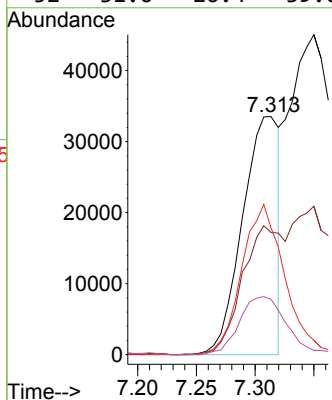


#41
Methacrylonitrile
Concen: 51.552 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

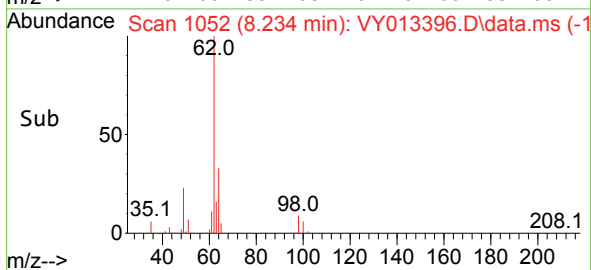
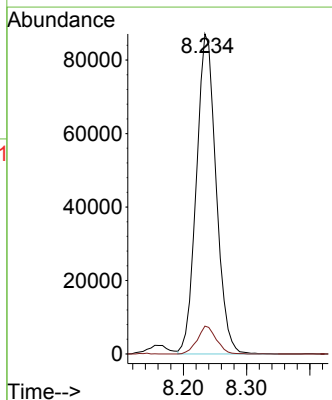
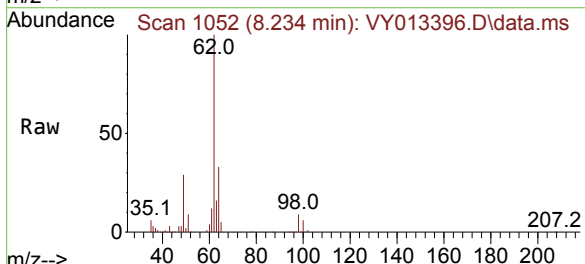


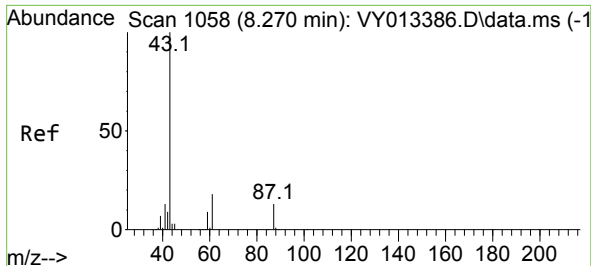
Tgt Ion: 41 Resp: 72818
Ion Ratio Lower Upper
41 100
39 61.8 44.2 66.4
67 74.5 62.9 94.3
52 31.6 26.4 39.6



#42
1,2-Dichloroethane
Concen: 51.035 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 62 Resp: 188905
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8

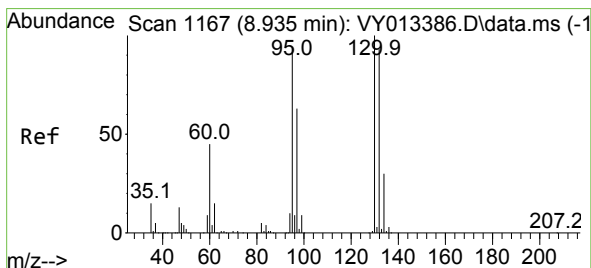
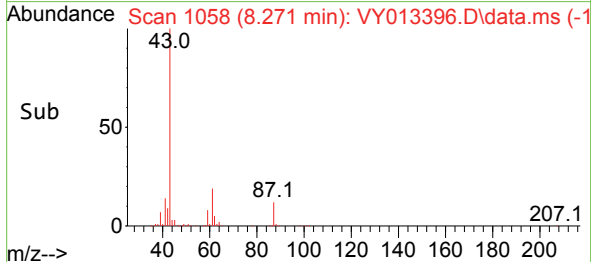
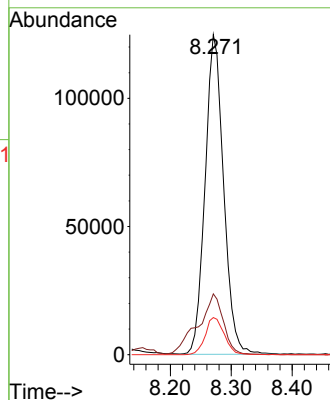
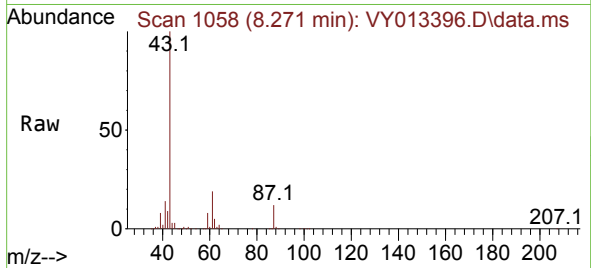




#43
Isopropyl Acetate
Concen: 51.636 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

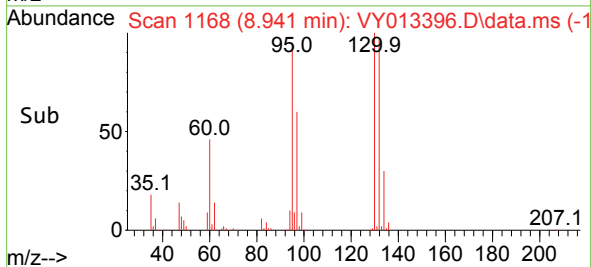
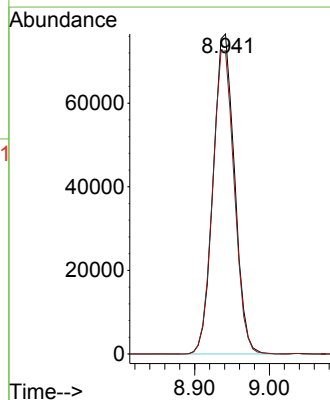
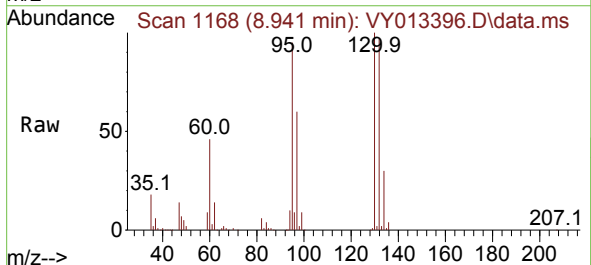
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

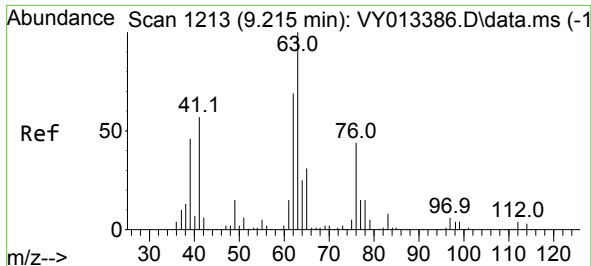
Tgt Ion: 43 Resp: 263617
Ion Ratio Lower Upper
43 100
61 26.2 22.2 33.4
87 11.8 11.0 16.6



#44
Trichloroethene
Concen: 50.459 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion:130 Resp: 151962
Ion Ratio Lower Upper
130 100
95 94.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.382 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

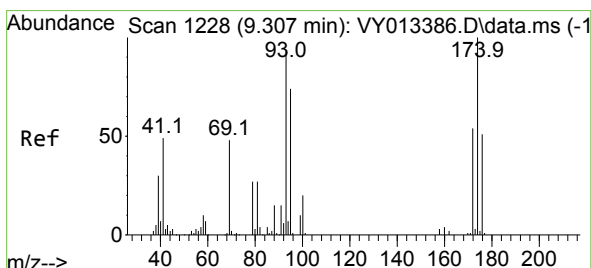
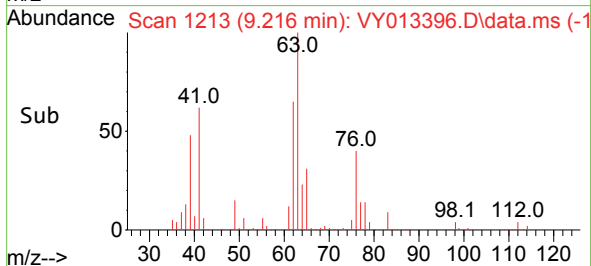
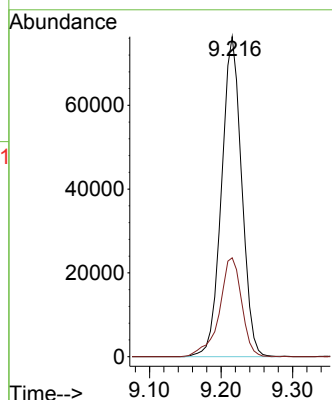
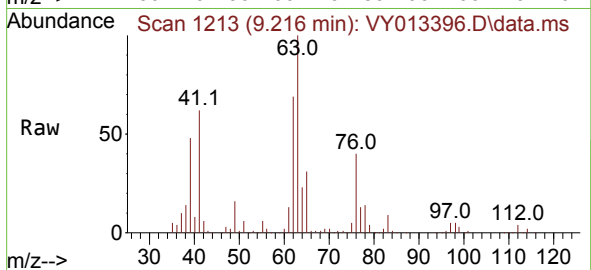
VSTDICCC050

Tgt Ion: 63 Resp: 149143

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 50.701 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

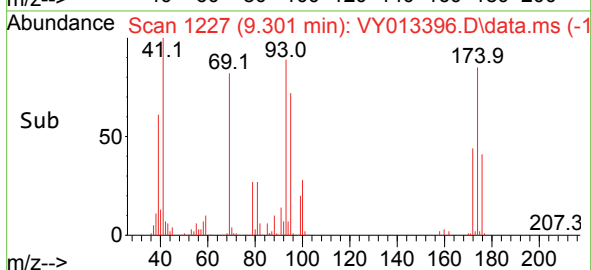
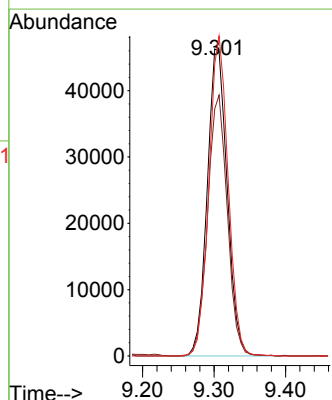
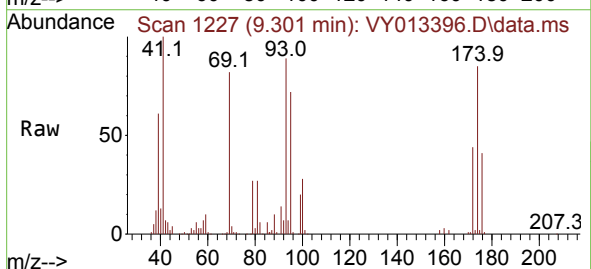
Tgt Ion: 93 Resp: 89803

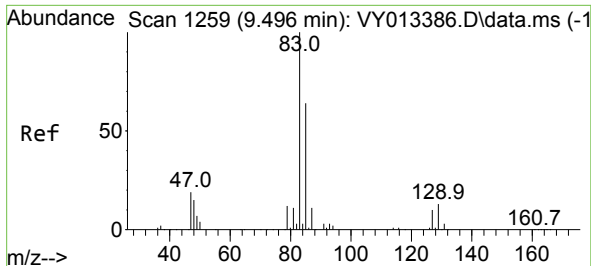
Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

174 100.7 87.0 130.4

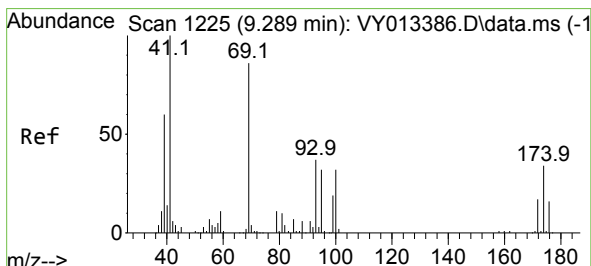
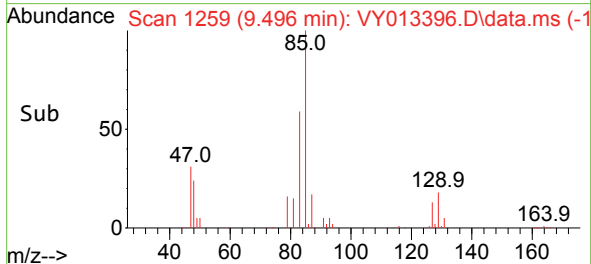
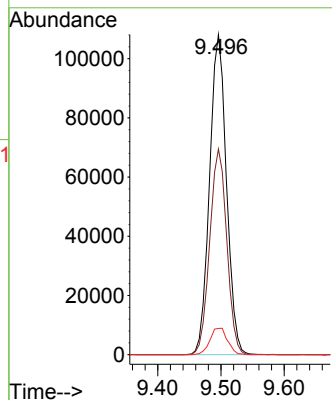
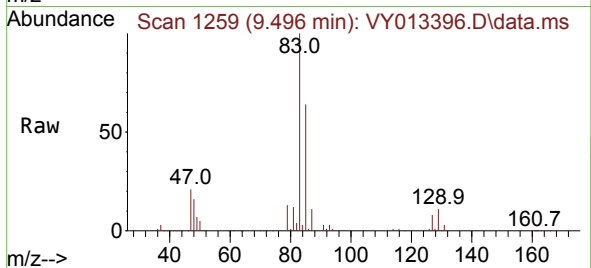




#47
Bromodichloromethane
Concen: 50.668 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

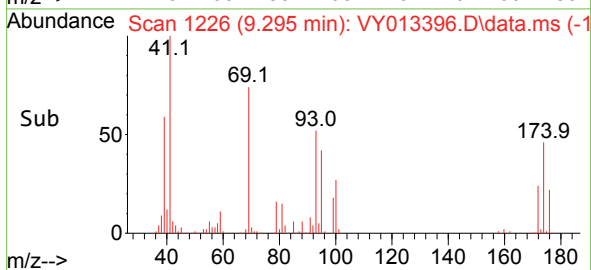
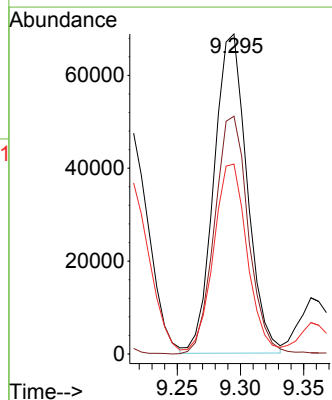
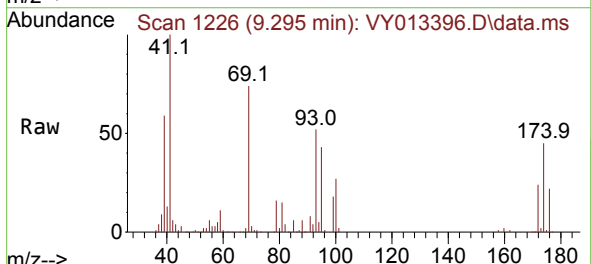
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

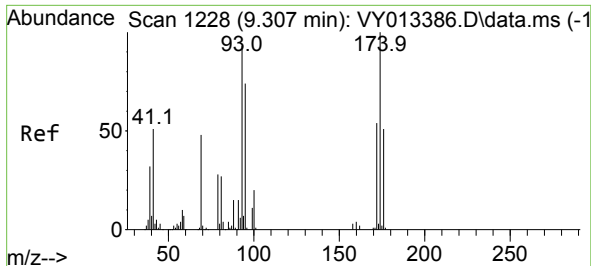
Tgt Ion: 83 Resp: 200814
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 8.2 8.1 12.1



#48
Methyl methacrylate
Concen: 53.481 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 41 Resp: 125396
Ion Ratio Lower Upper
41 100
69 76.2 70.2 105.4
39 58.2 47.9 71.9





#49

1,4-Dioxane

Concen: 1046.845 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

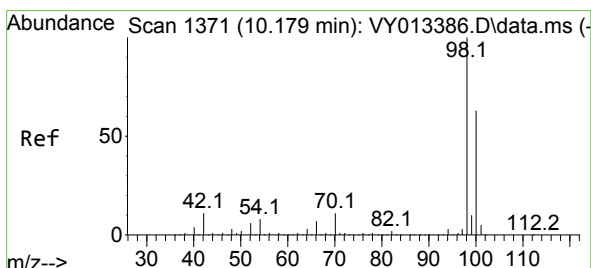
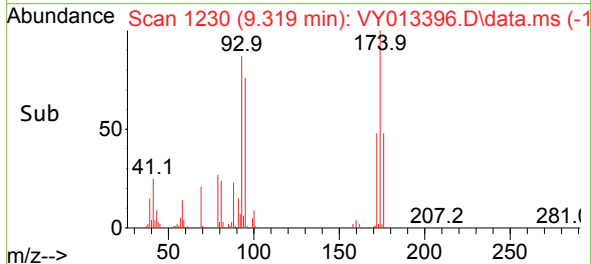
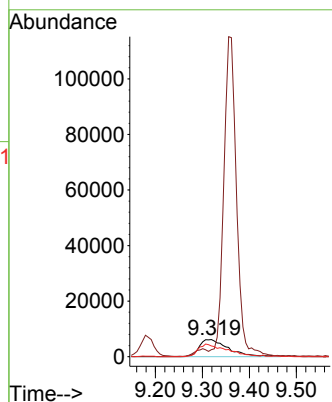
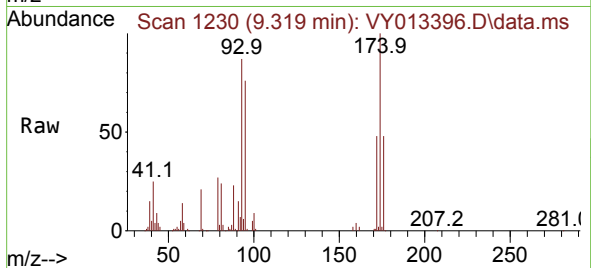
Tgt Ion: 88 Resp: 26482

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 72.8 54.3 81.5



#50

Toluene-d8

Concen: 46.873 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013396.D

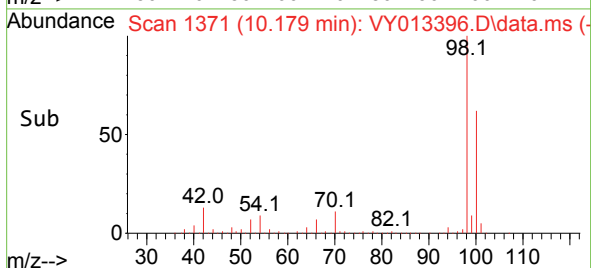
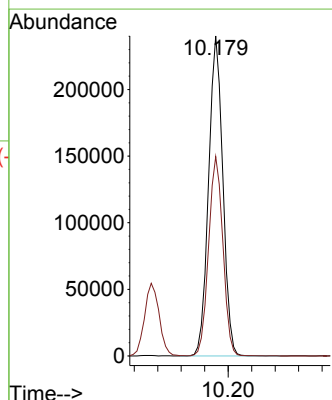
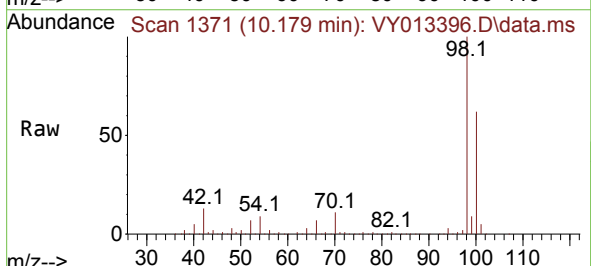
Acq: 24 Apr 2023 12:34

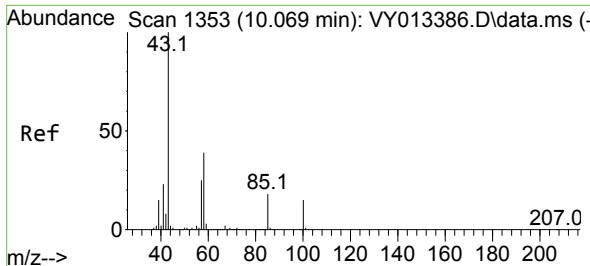
Tgt Ion: 98 Resp: 403823

Ion Ratio Lower Upper

98 100

100 62.5 50.5 75.7

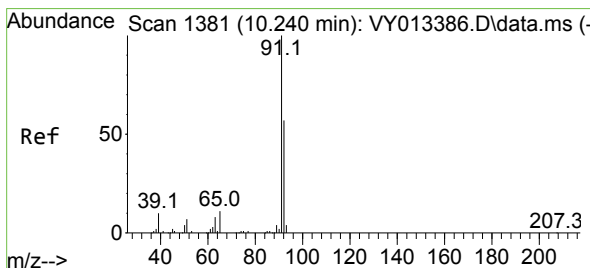
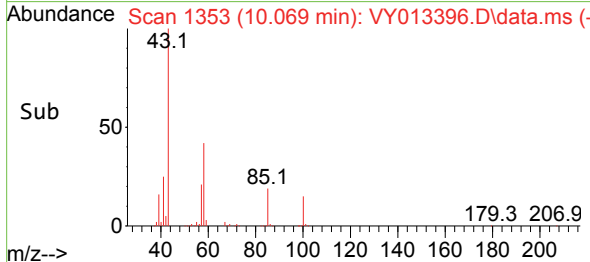
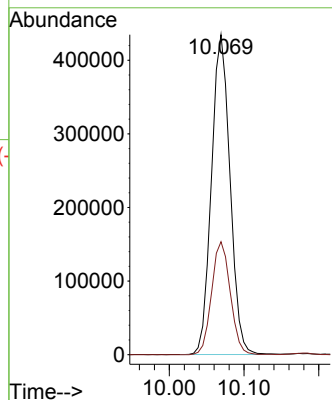
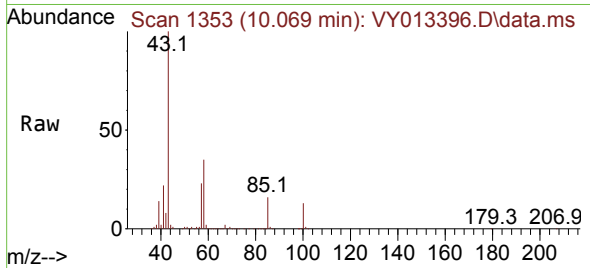




#51
4-Methyl-2-Pentanone
Concen: 263.858 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

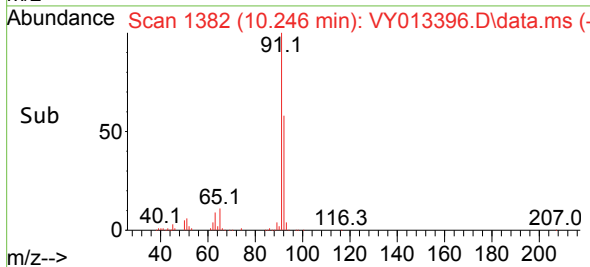
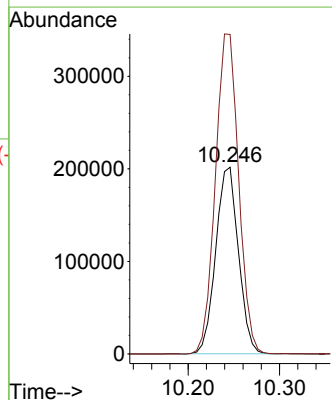
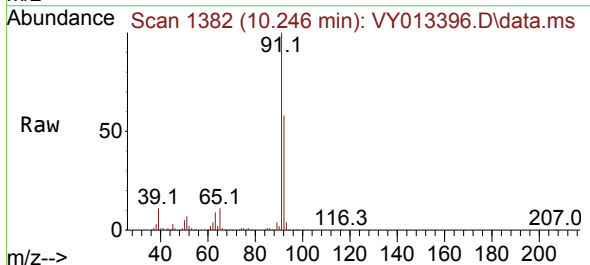
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

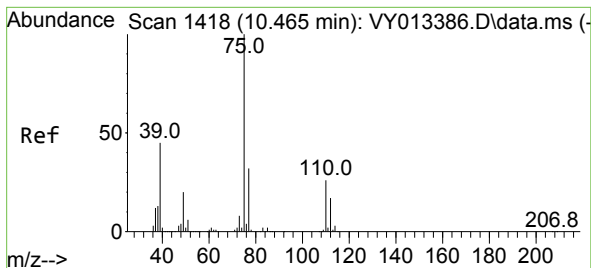
Tgt Ion: 43 Resp: 750650
Ion Ratio Lower Upper
43 100
58 35.5 30.6 46.0



#52
Toluene
Concen: 51.089 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 92 Resp: 348075
Ion Ratio Lower Upper
92 100
91 176.0 140.2 210.4

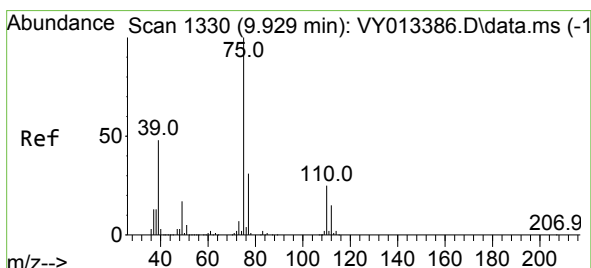
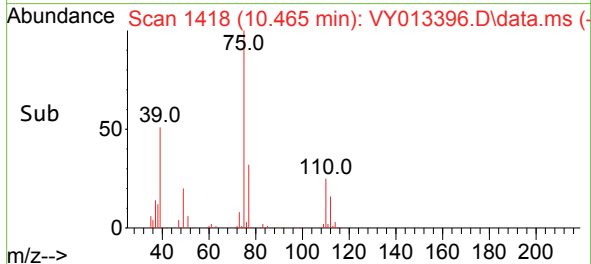
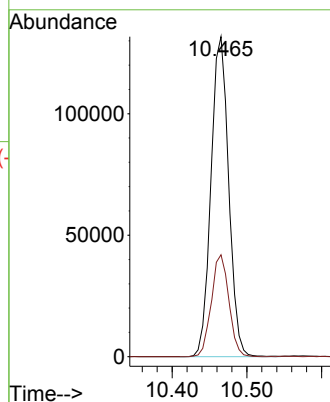
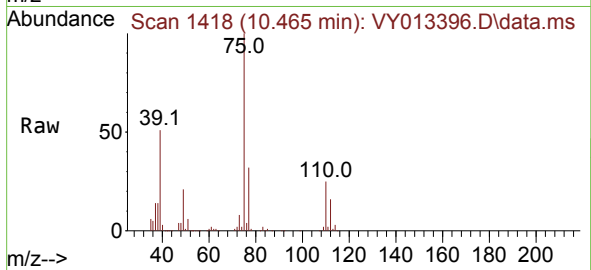




#53
t-1,3-Dichloropropene
Concen: 51.751 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

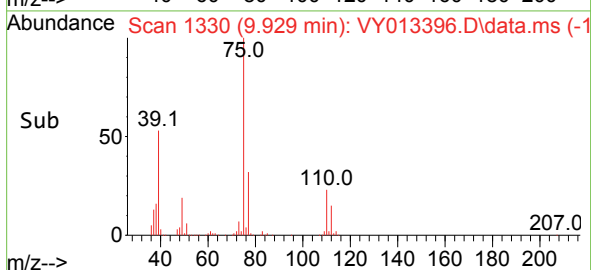
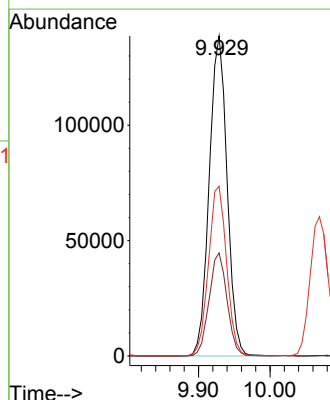
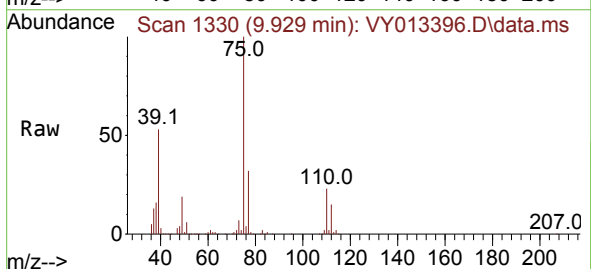
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

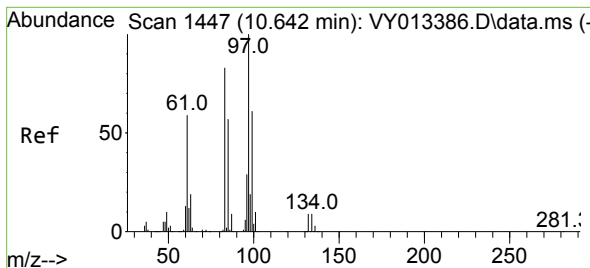
Tgt Ion: 75 Resp: 217073
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 50.868 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 75 Resp: 240093
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 52.9 38.1 57.1



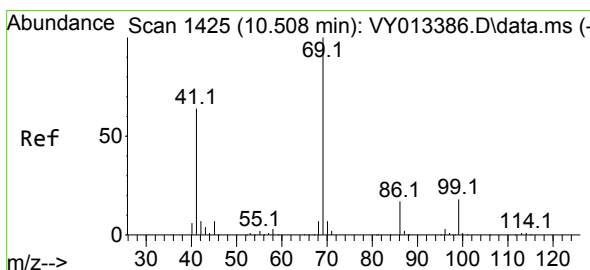
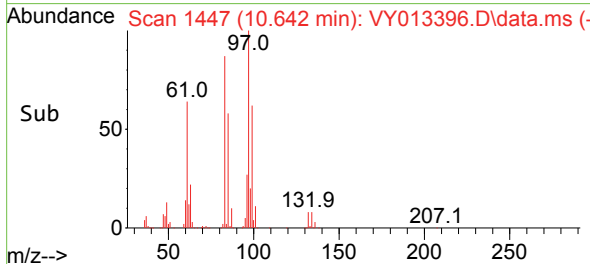
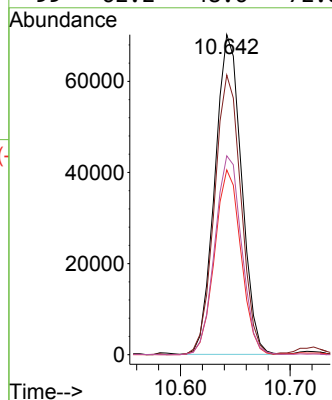
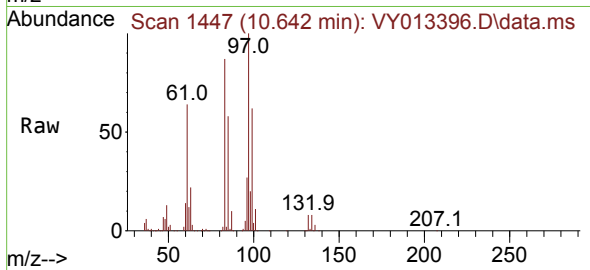


#55
1,1,2-Trichloroethane
Concen: 50.555 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 118583

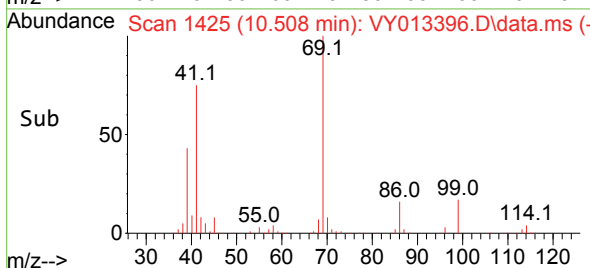
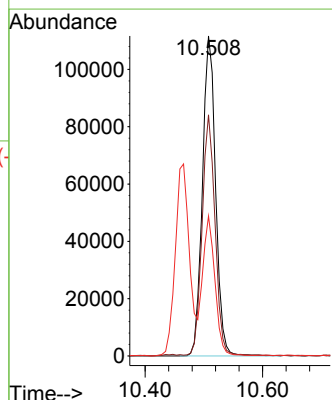
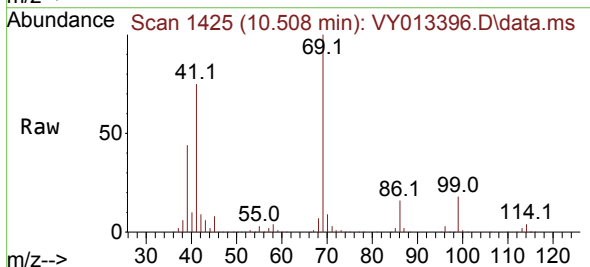
Ion	Ratio	Lower	Upper
97	100		
83	87.4	66.4	99.6
85	57.8	45.6	68.4
99	62.2	48.6	72.8

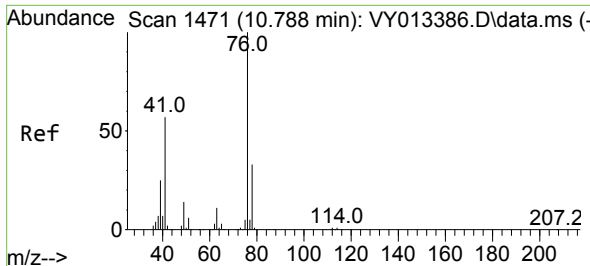


#56
Ethyl methacrylate
Concen: 53.583 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 69 Resp: 174372

Ion	Ratio	Lower	Upper
69	100		
41	73.9	51.4	77.0
39	39.8	29.0	43.6





#57

1,3-Dichloropropane

Concen: 50.594 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

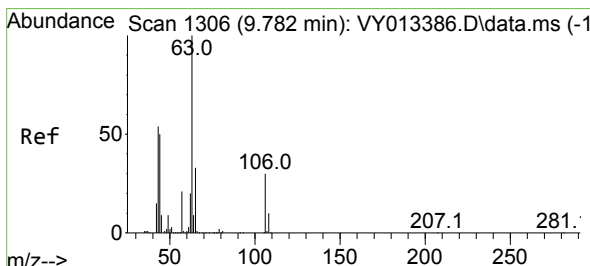
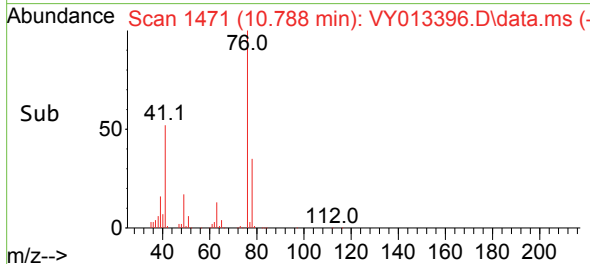
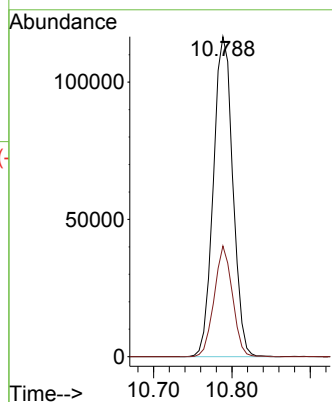
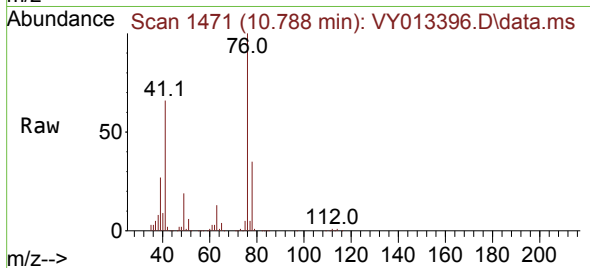
VSTDICCC050

Tgt Ion: 76 Resp: 200987

Ion Ratio Lower Upper

76 100

78 32.5 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 235.195 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013396.D

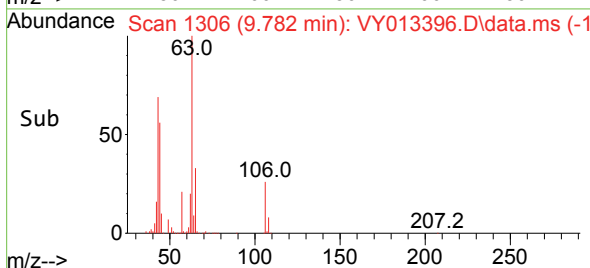
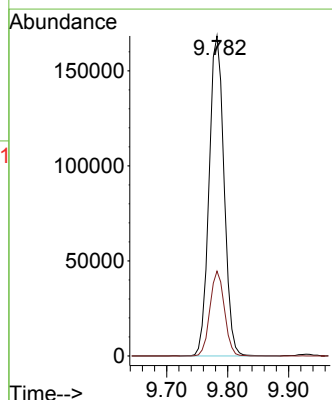
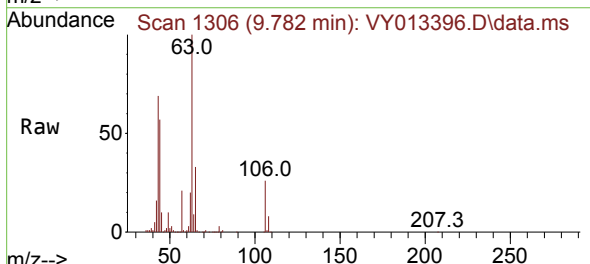
Acq: 24 Apr 2023 12:34

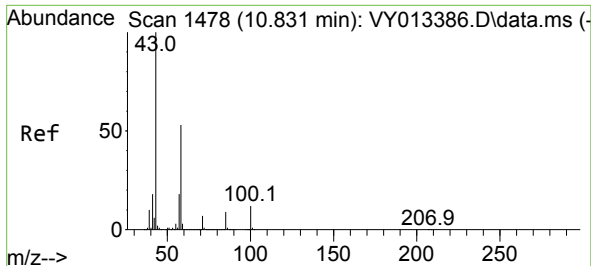
Tgt Ion: 63 Resp: 287004

Ion Ratio Lower Upper

63 100

106 25.7 23.5 35.3

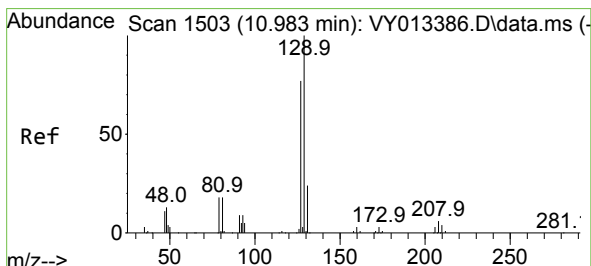
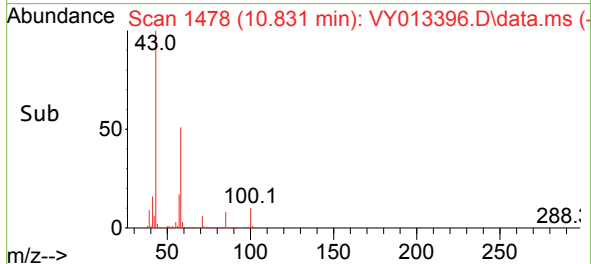
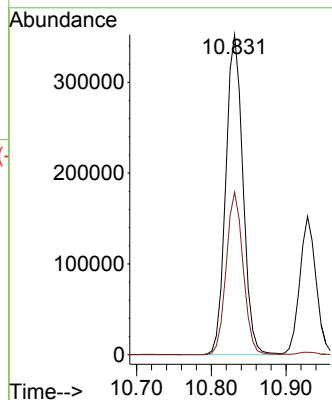
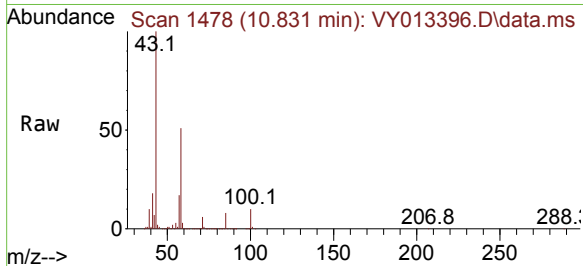




#59
2-Hexanone
Concen: 271.333 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

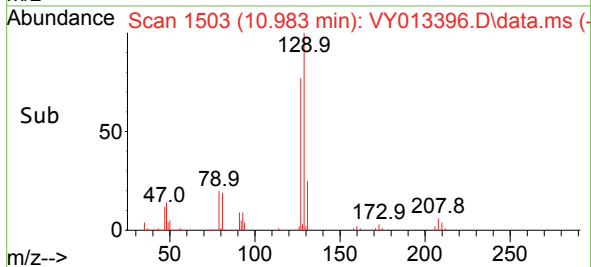
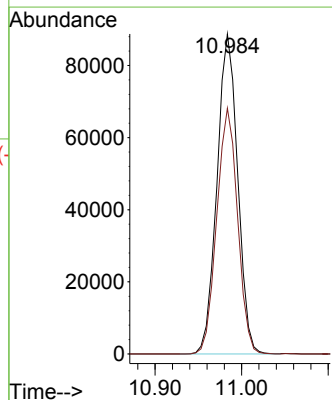
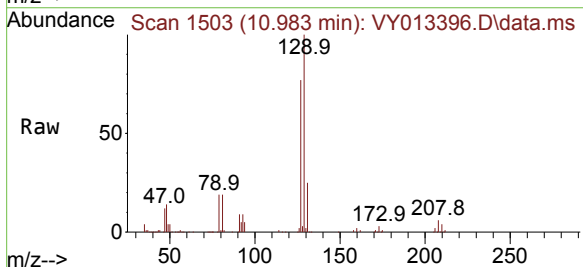
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

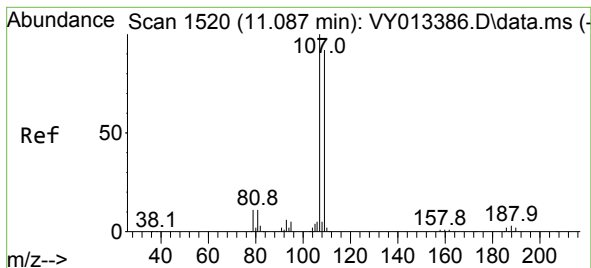
Tgt Ion: 43 Resp: 561120
Ion Ratio Lower Upper
43 100
58 50.3 26.3 78.8



#60
Dibromochloromethane
Concen: 51.741 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 129 Resp: 147366
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

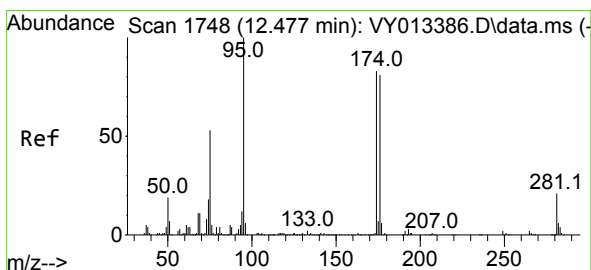
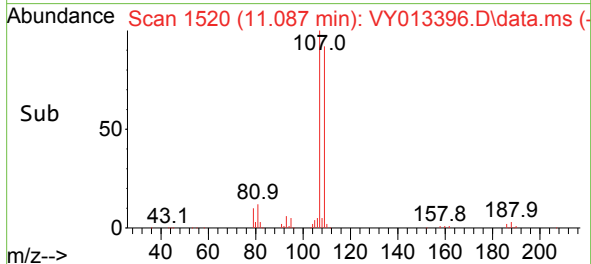
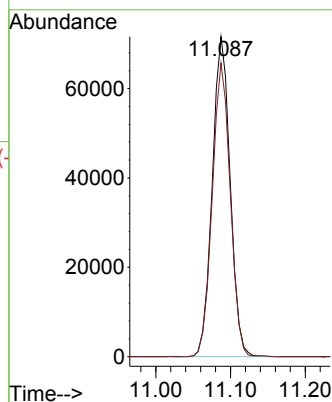
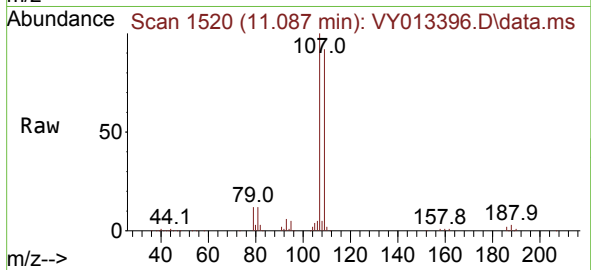




#61
1,2-Dibromoethane
Concen: 51.483 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

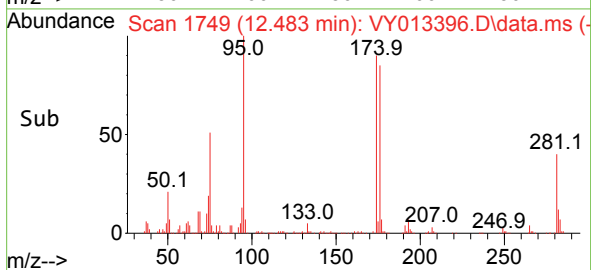
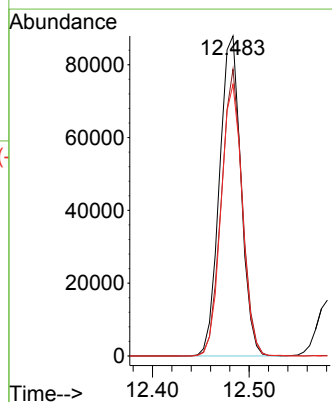
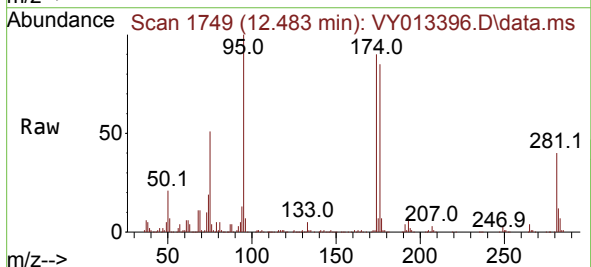
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

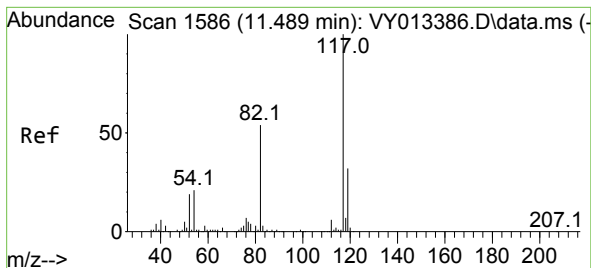
Tgt Ion:107 Resp: 118728
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.681 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 95 Resp: 135582
Ion Ratio Lower Upper
95 100
174 87.2 0.0 182.0
176 84.1 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

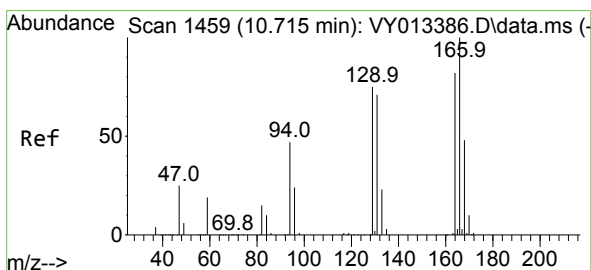
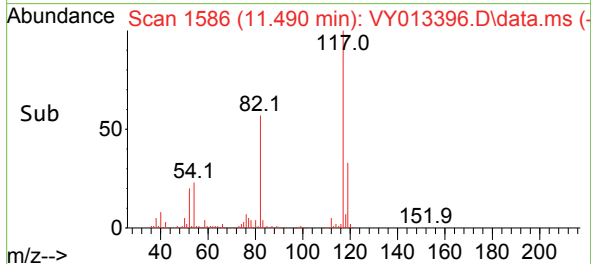
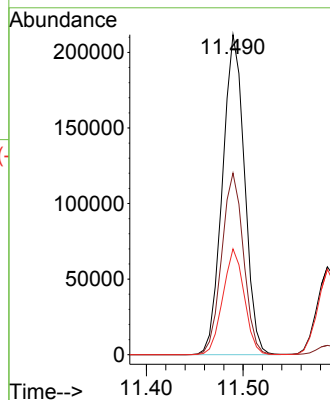
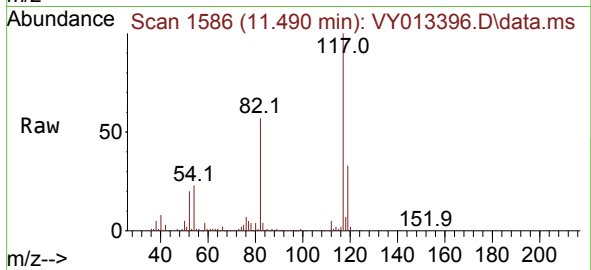
Tgt Ion:117 Resp: 335181

Ion Ratio Lower Upper

117 100

82 56.8 43.0 64.6

119 33.0 25.5 38.3



#64

Tetrachloroethene

Concen: 50.377 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Tgt Ion:164 Resp: 128398

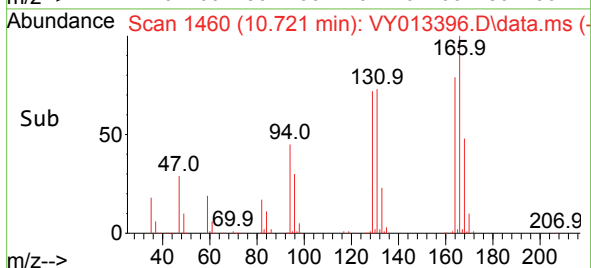
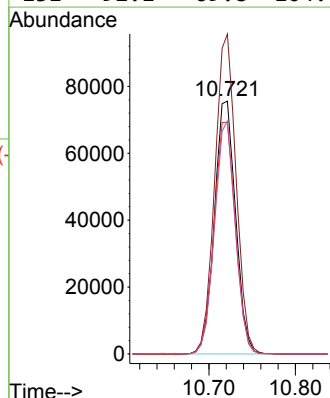
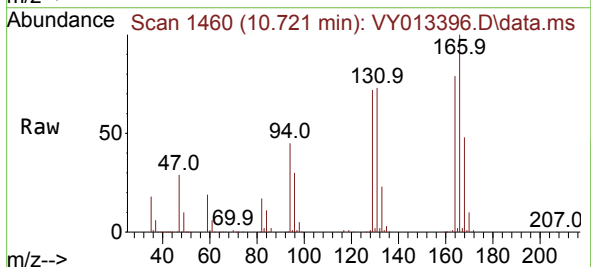
Ion Ratio Lower Upper

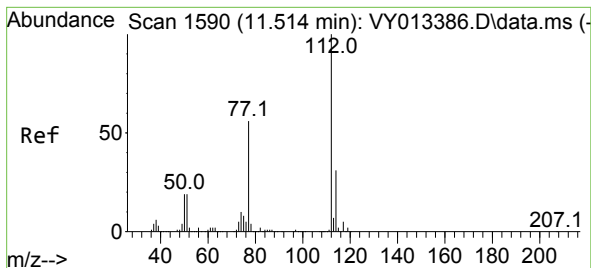
164 100

166 126.6 97.5 146.3

129 91.7 72.6 109.0

131 92.1 69.8 104.6





#65

Chlorobenzene

Concen: 50.206 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

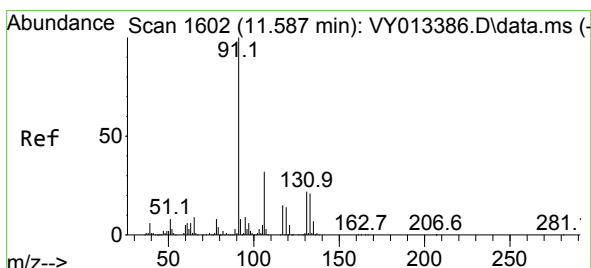
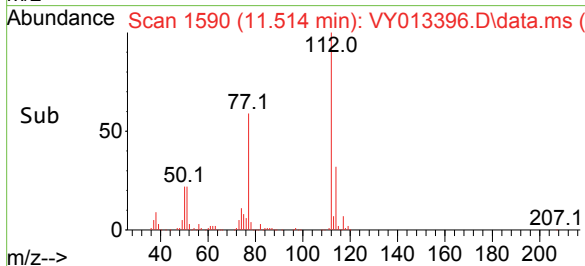
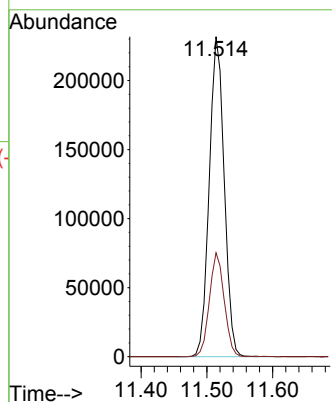
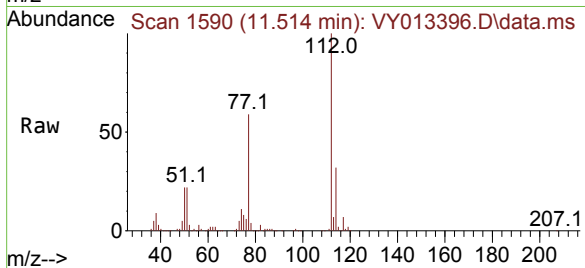
VSTDICCC050

Tgt Ion:112 Resp: 366580

Ion Ratio Lower Upper

112 100

114 32.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.956 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

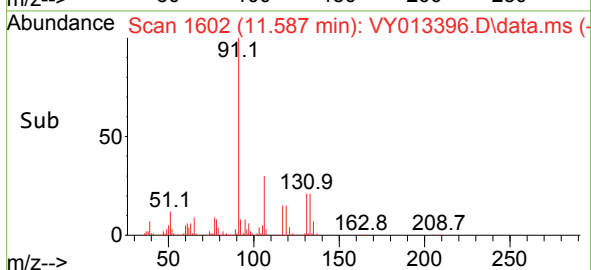
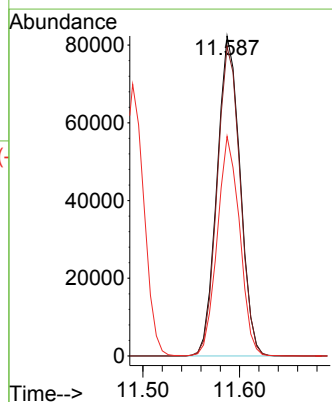
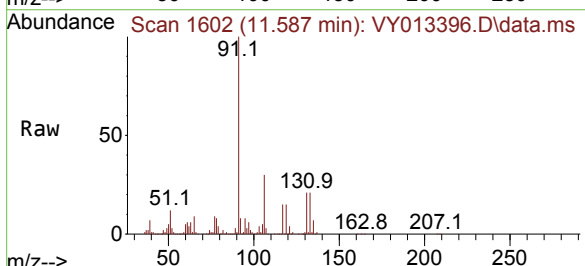
Tgt Ion:131 Resp: 136417

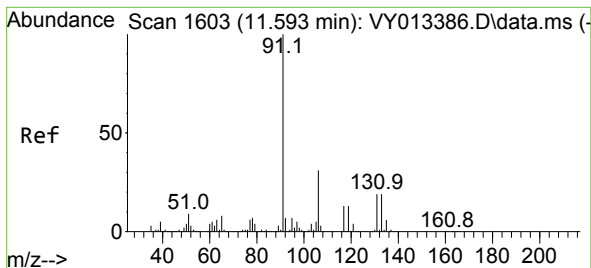
Ion Ratio Lower Upper

131 100

133 96.6 47.7 143.1

119 66.6 32.6 98.0





#67

Ethyl Benzene

Concen: 51.101 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

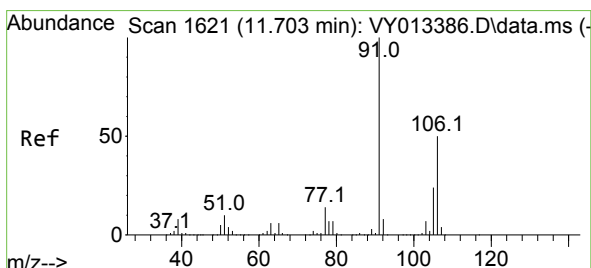
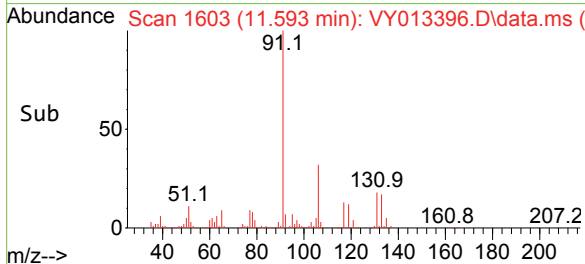
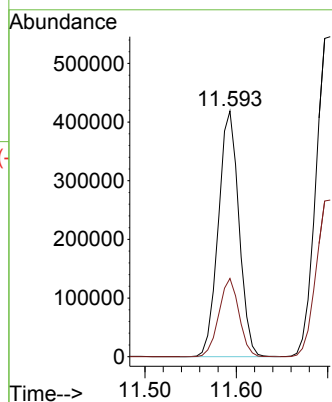
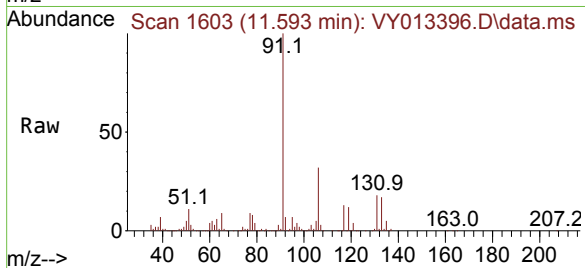
VSTDICCC050

Tgt Ion: 91 Resp: 655184

Ion Ratio Lower Upper

91 100

106 31.9 25.1 37.7



#68

m/p-Xylenes

Concen: 102.300 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013396.D

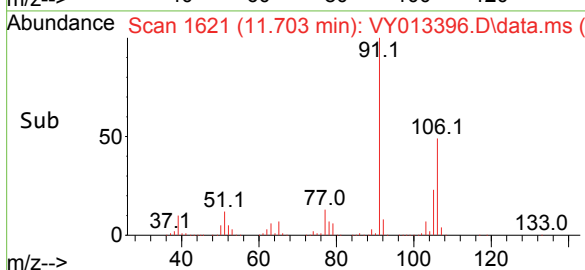
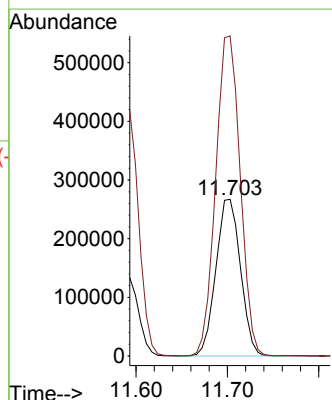
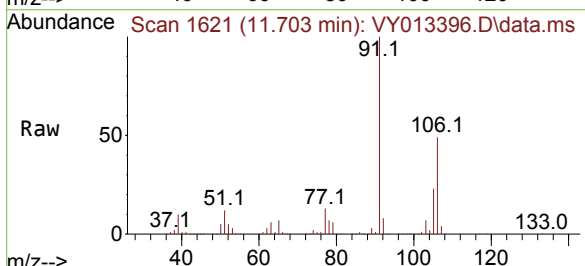
Acq: 24 Apr 2023 12:34

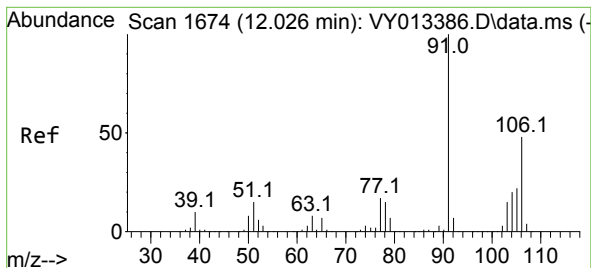
Tgt Ion:106 Resp: 498625

Ion Ratio Lower Upper

106 100

91 203.8 160.9 241.3





#69

o-Xylene

Concen: 51.912 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

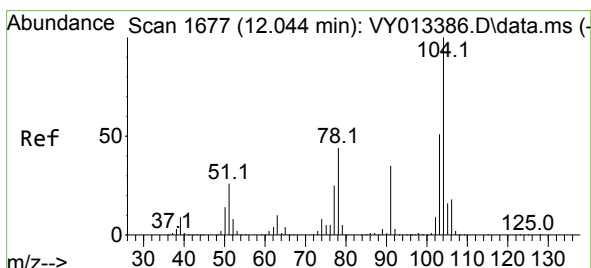
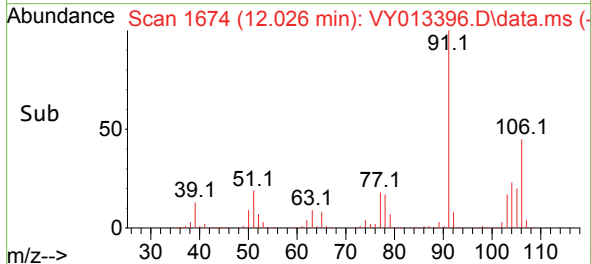
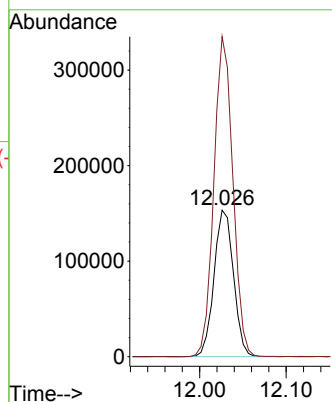
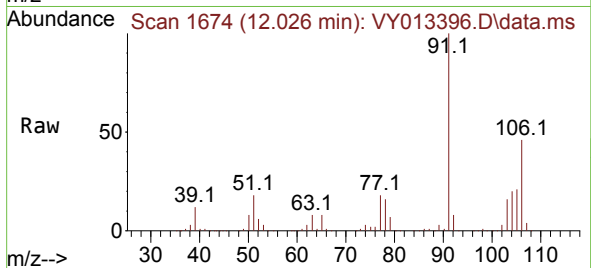
VSTDICCC050

Tgt Ion:106 Resp: 239301

Ion Ratio Lower Upper

106 100

91 213.2 105.5 316.4



#70

Styrene

Concen: 51.612 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

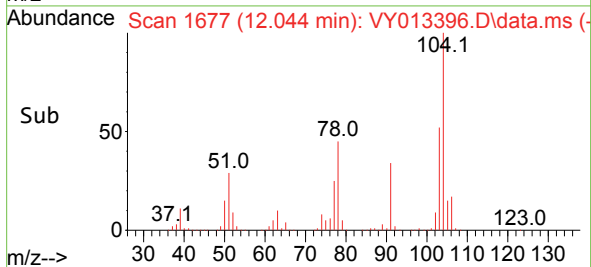
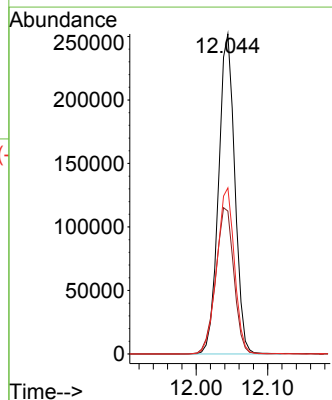
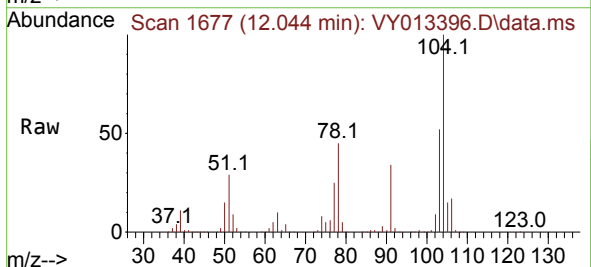
Tgt Ion:104 Resp: 397804

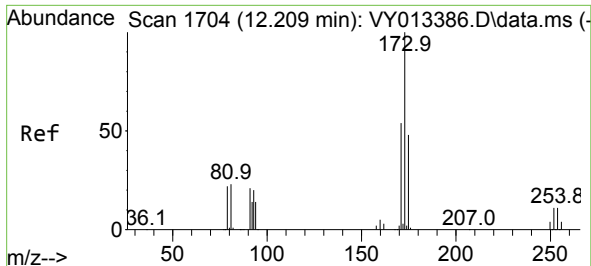
Ion Ratio Lower Upper

104 100

78 51.1 40.3 60.5

103 56.4 45.0 67.4

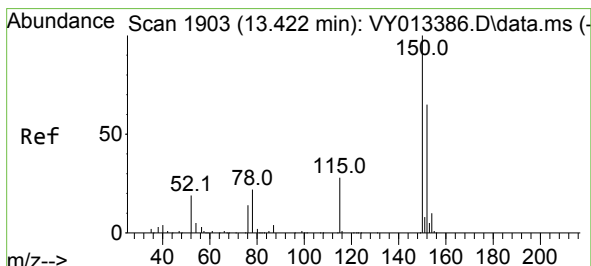
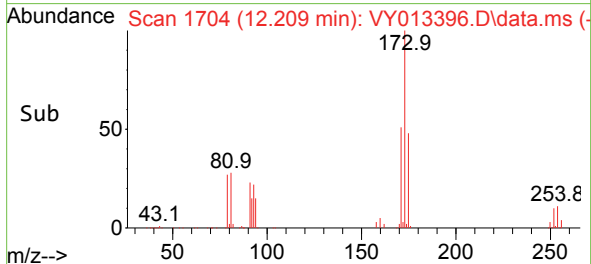
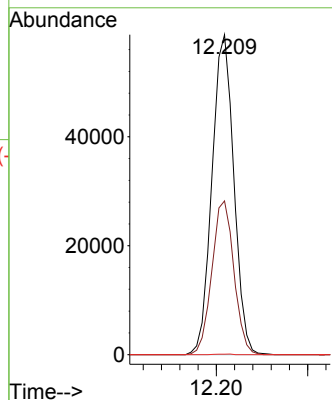
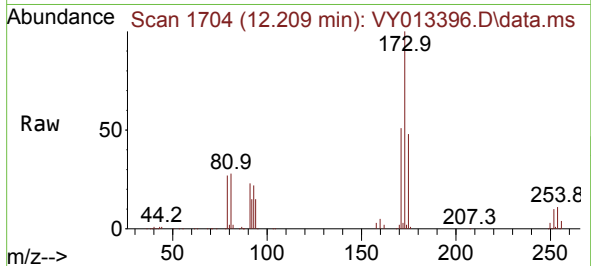




#71
Bromoform
Concen: 50.918 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

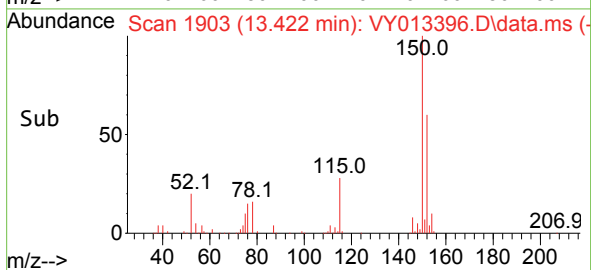
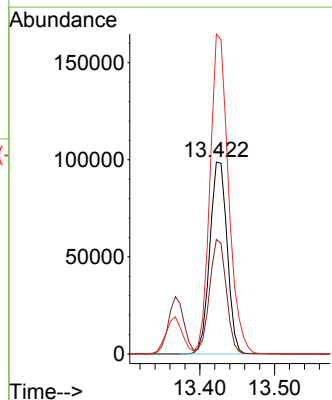
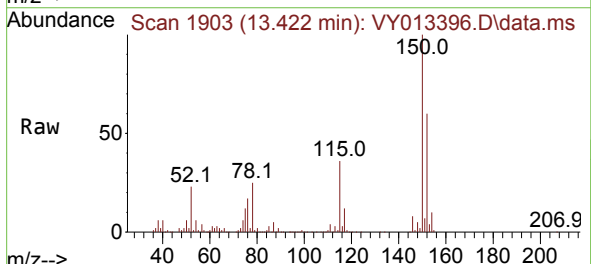
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

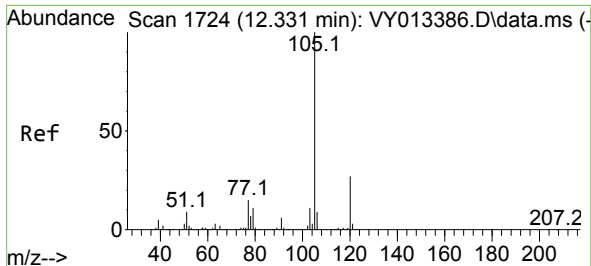
Tgt Ion:173 Resp: 97393
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion:152 Resp: 159366
Ion Ratio Lower Upper
152 100
115 57.7 28.1 84.2
150 177.5 0.0 352.0

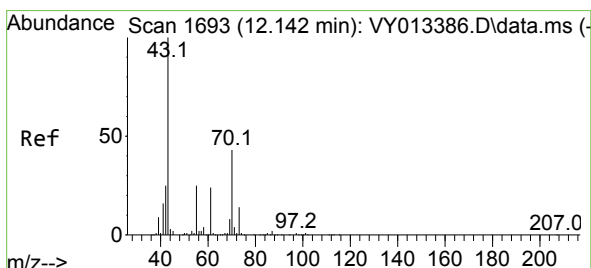
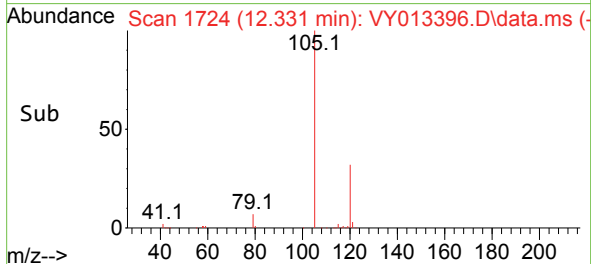
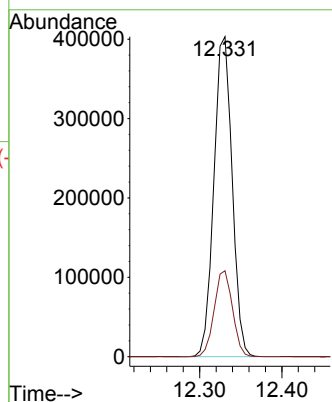
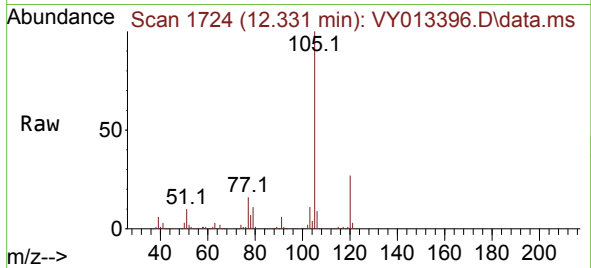




#73
Isopropylbenzene
Concen: 51.540 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

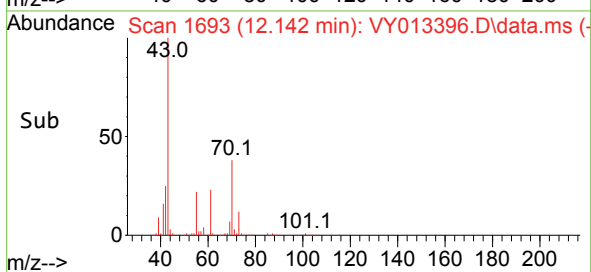
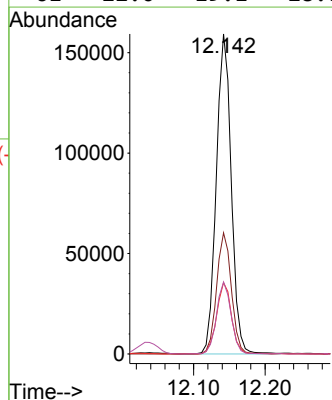
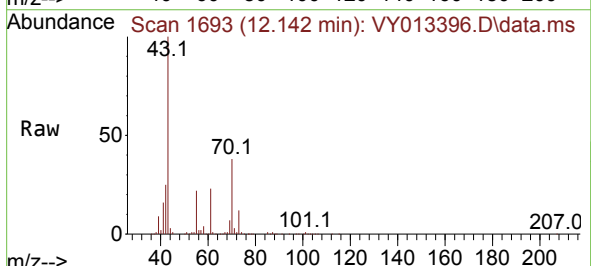
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

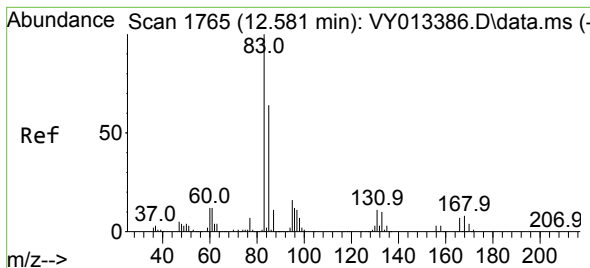
Tgt Ion:105 Resp: 621260
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0



#74
N-ethyl acetate
Concen: 53.908 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 43 Resp: 231238
Ion Ratio Lower Upper
43 100
70 37.5 33.0 49.4
55 22.3 19.8 29.6
61 22.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.558 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

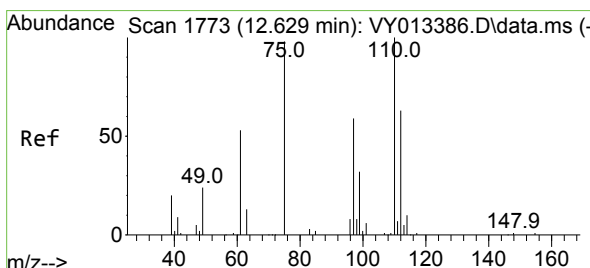
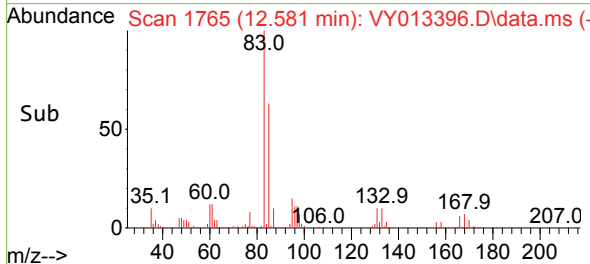
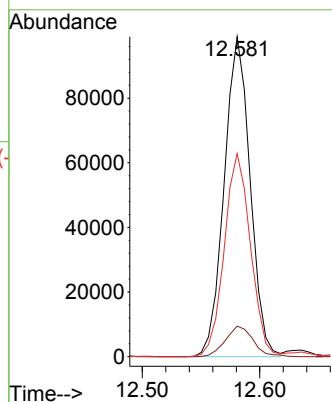
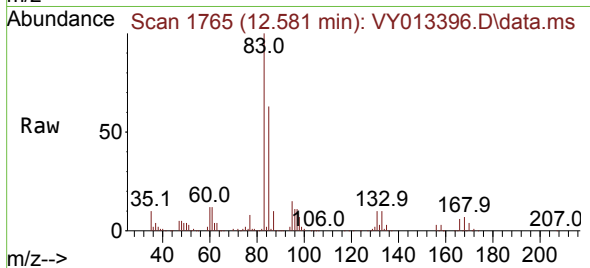
Tgt Ion: 83 Resp: 151906

Ion Ratio Lower Upper

83 100

131 10.2 5.7 17.0

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.904 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013396.D

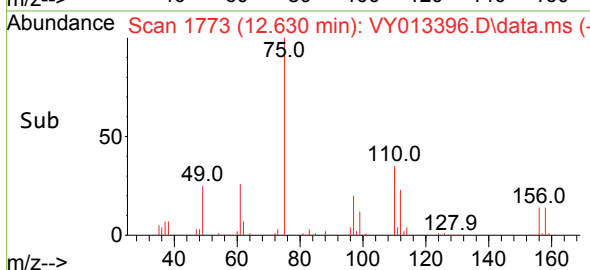
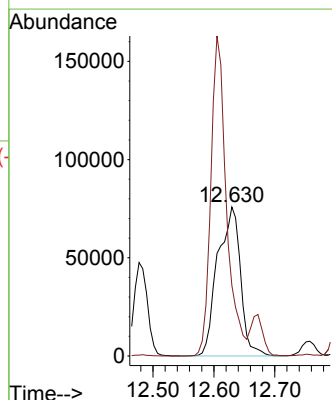
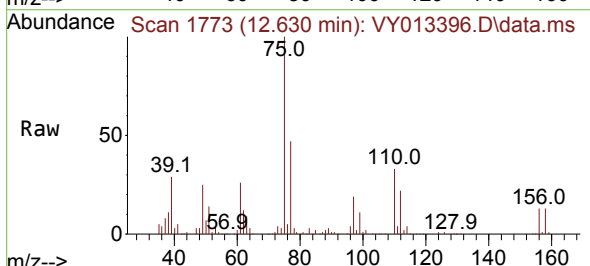
Acq: 24 Apr 2023 12:34

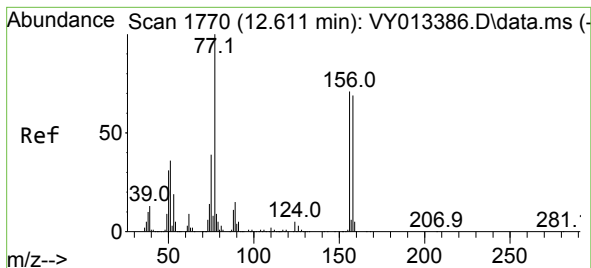
Tgt Ion: 75 Resp: 197837

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.477 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

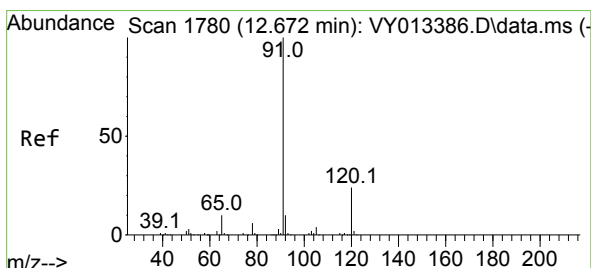
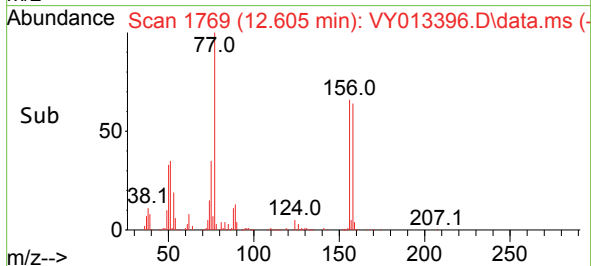
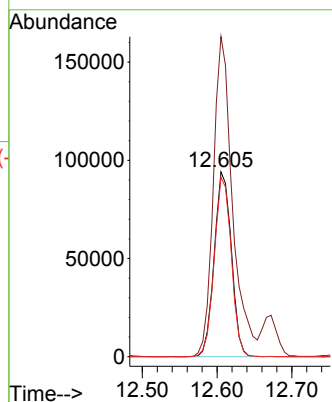
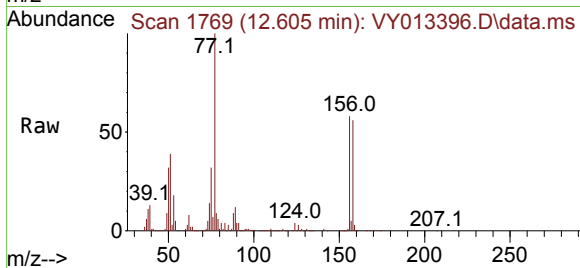
Tgt Ion:156 Resp: 150350

Ion Ratio Lower Upper

156 100

77 193.7 87.6 262.9

158 96.0 48.5 145.5



#78

n-propylbenzene

Concen: 51.668 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013396.D

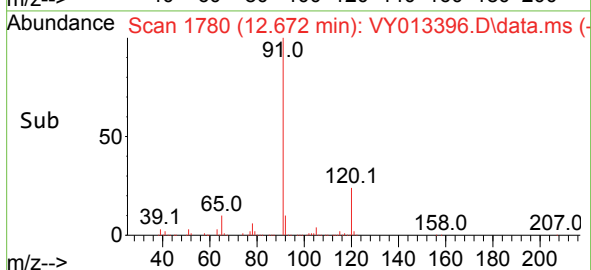
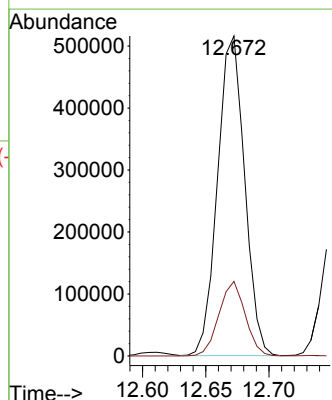
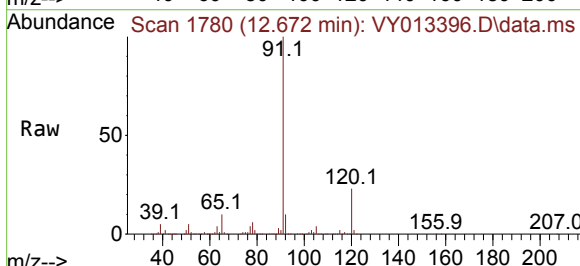
Acq: 24 Apr 2023 12:34

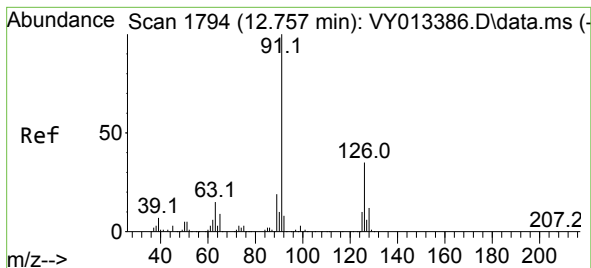
Tgt Ion: 91 Resp: 767113

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 51.412 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

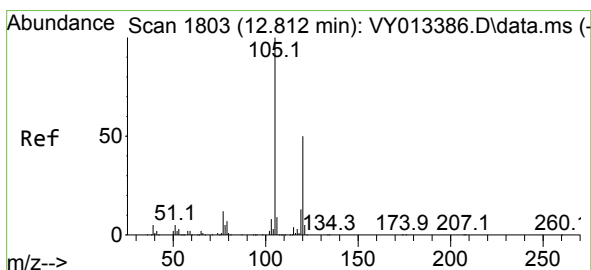
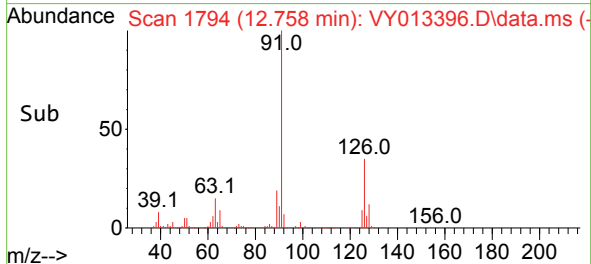
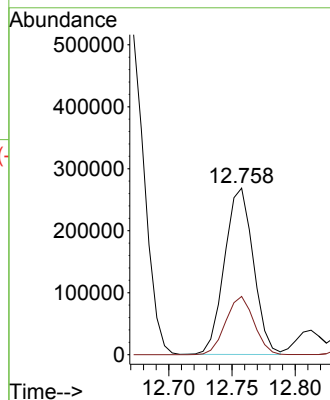
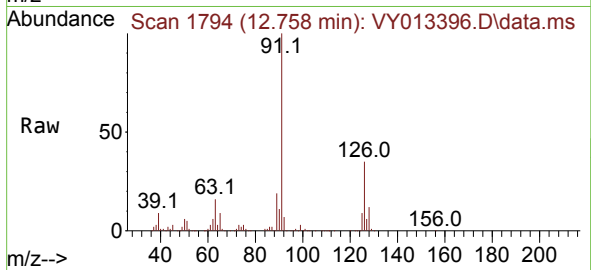
VSTDICCC050

Tgt Ion: 91 Resp: 426261

Ion Ratio Lower Upper

91 100

126 34.4 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 52.001 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013396.D

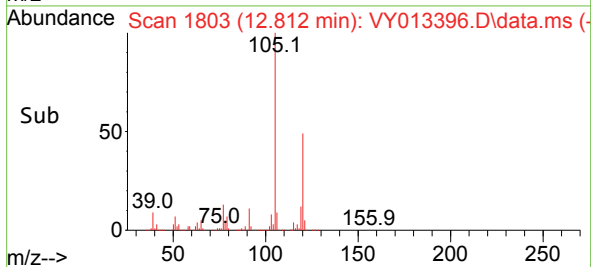
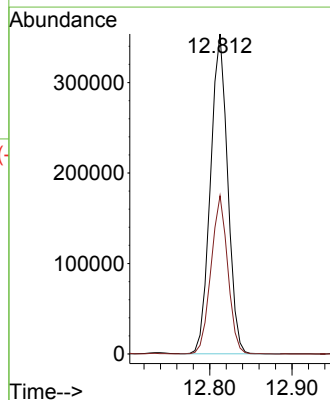
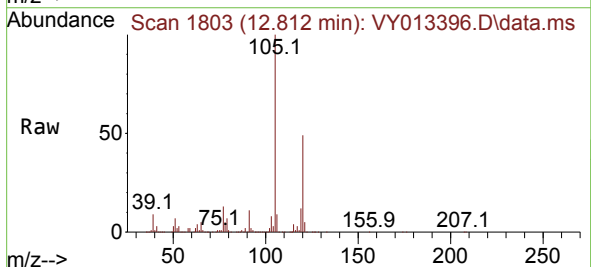
Acq: 24 Apr 2023 12:34

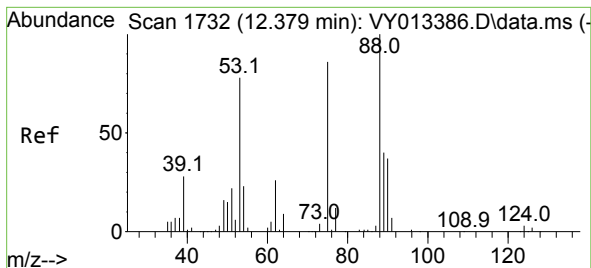
Tgt Ion: 105 Resp: 511599

Ion Ratio Lower Upper

105 100

120 48.4 24.7 74.1

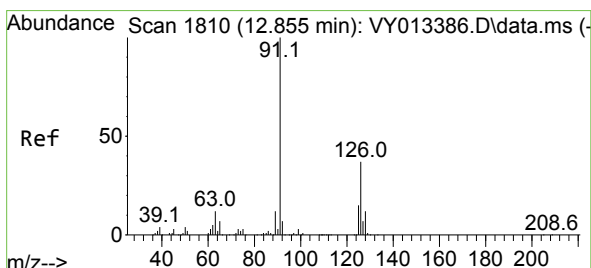
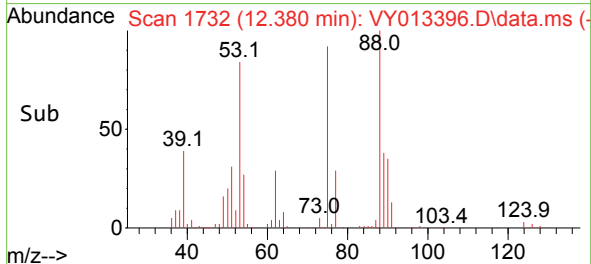
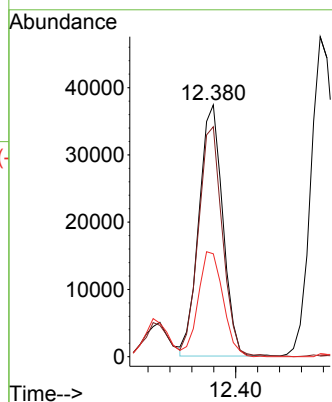
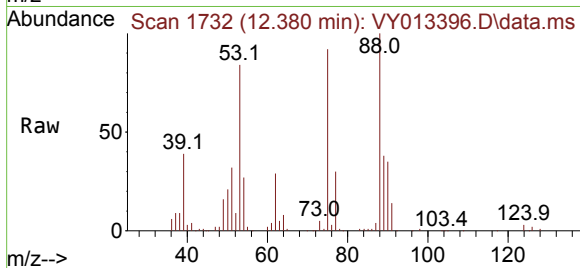




#81
trans-1,4-Dichloro-2-butene
Concen: 53.648 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

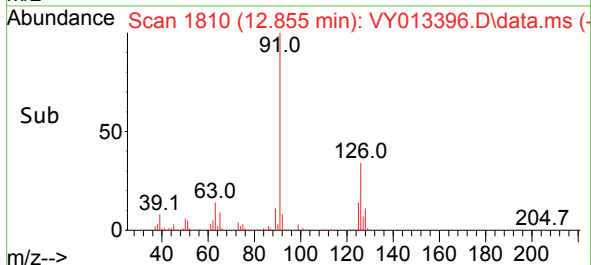
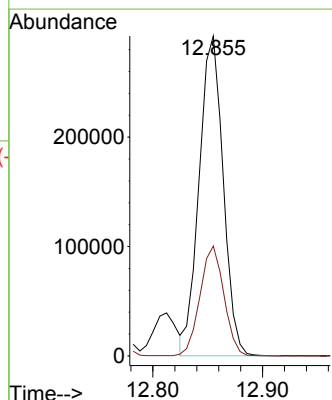
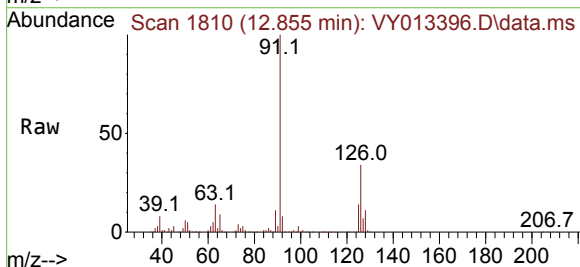
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

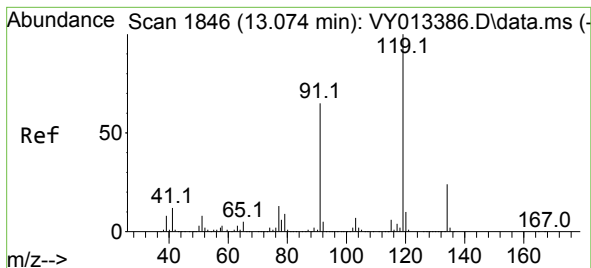
Tgt Ion: 75 Resp: 56367
Ion Ratio Lower Upper
75 100
53 92.8 73.2 109.8
89 43.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 51.423 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 91 Resp: 444378
Ion Ratio Lower Upper
91 100
126 34.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 51.902 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

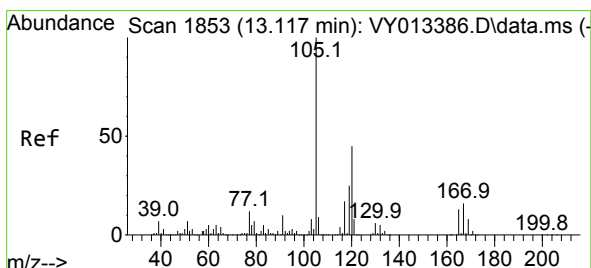
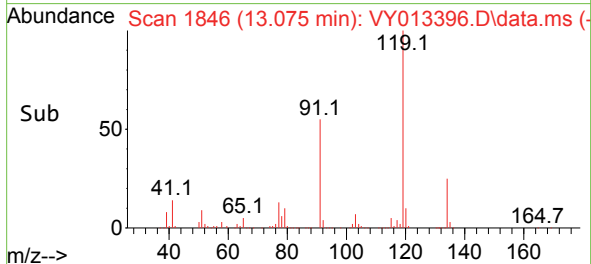
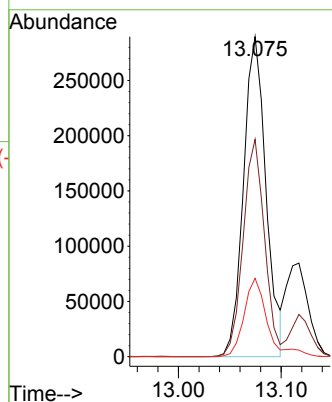
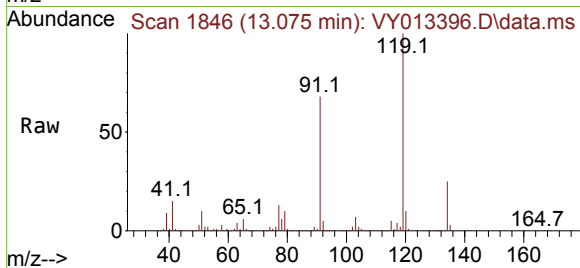
Tgt Ion:119 Resp: 442395

Ion Ratio Lower Upper

119 100

91 64.5 32.2 96.6

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.483 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013396.D

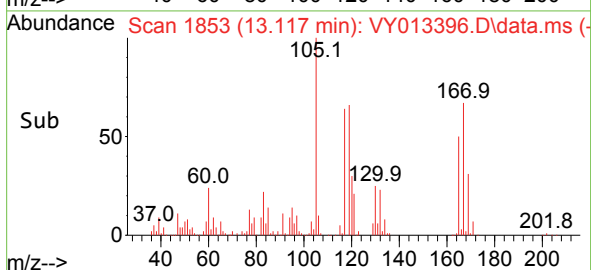
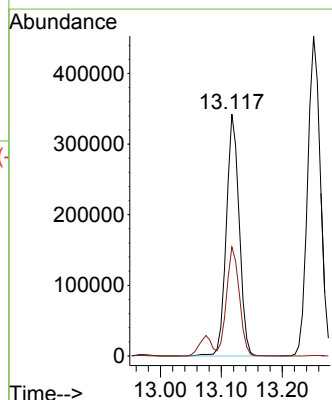
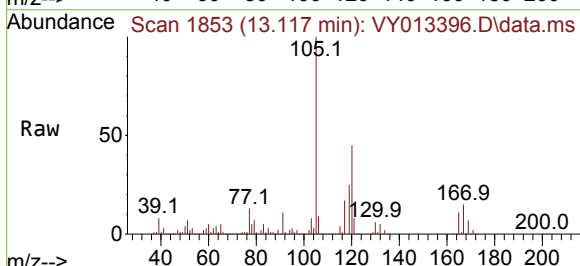
Acq: 24 Apr 2023 12:34

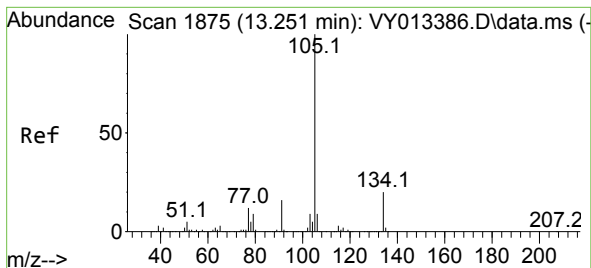
Tgt Ion:105 Resp: 502009

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.480 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

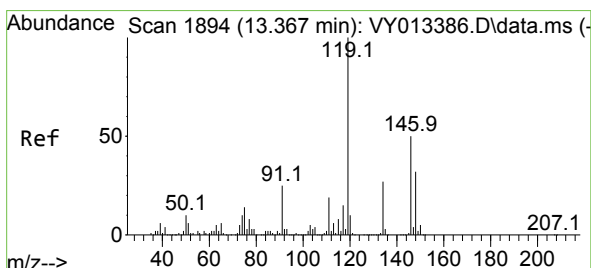
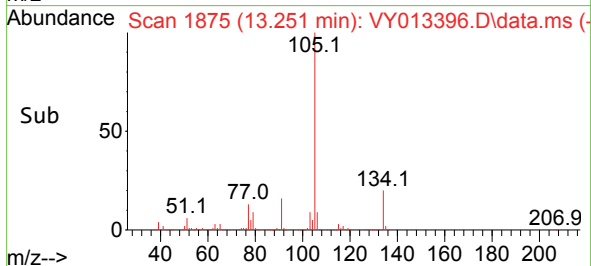
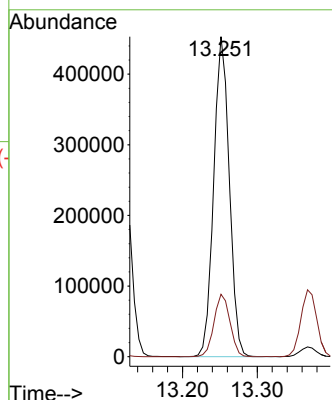
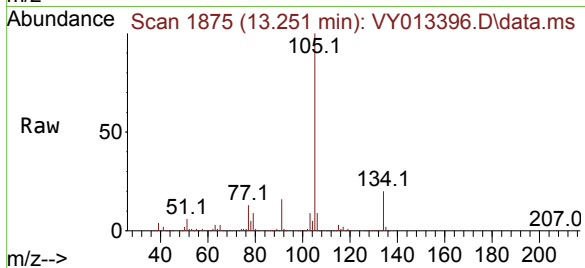
VSTDICCC050

Tgt Ion:105 Resp: 658553

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.647 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

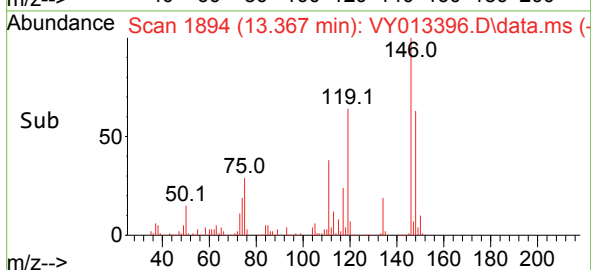
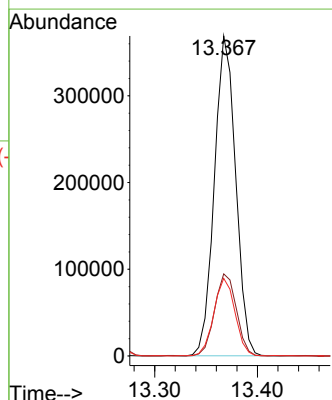
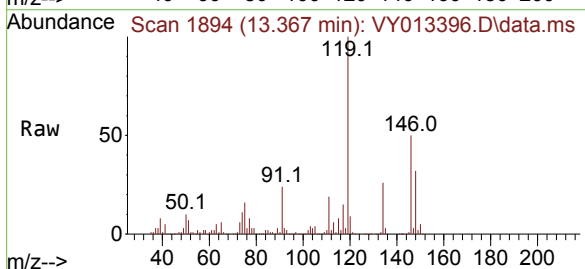
Tgt Ion:119 Resp: 531304

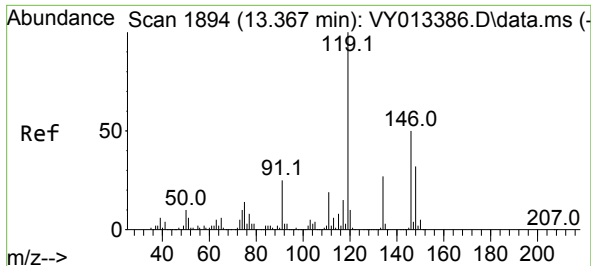
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 24.0 12.1 36.3

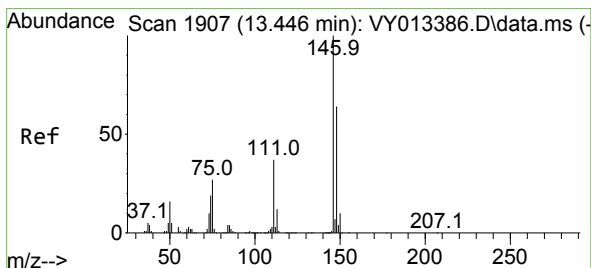
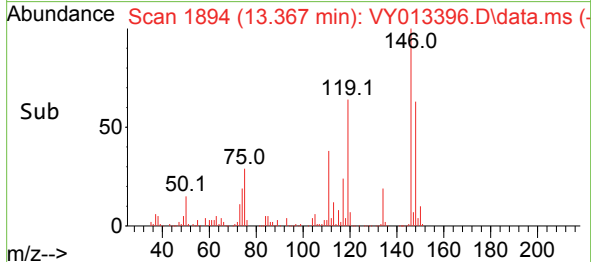
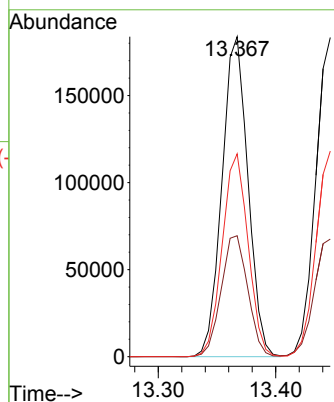
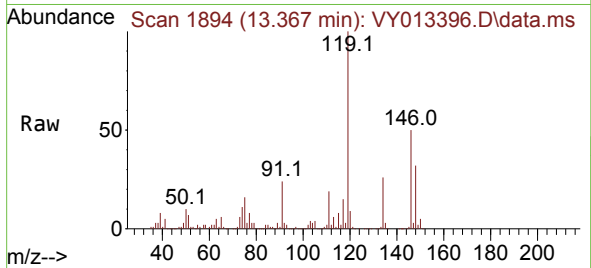




#87
1,3-Dichlorobenzene
Concen: 50.815 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

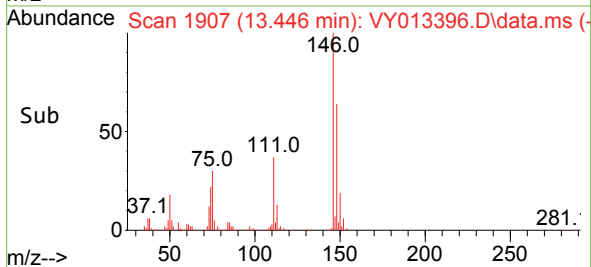
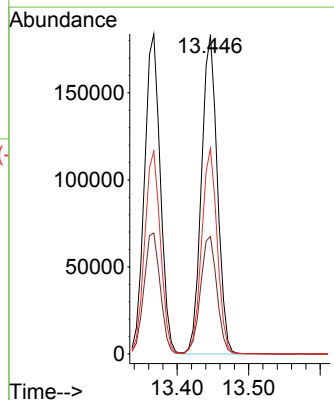
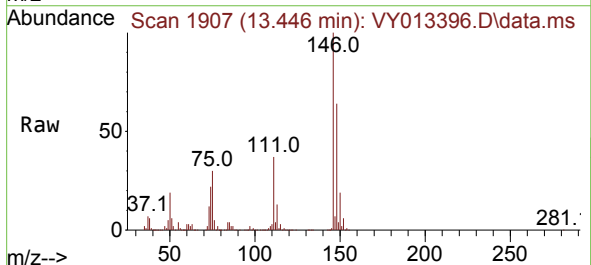
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

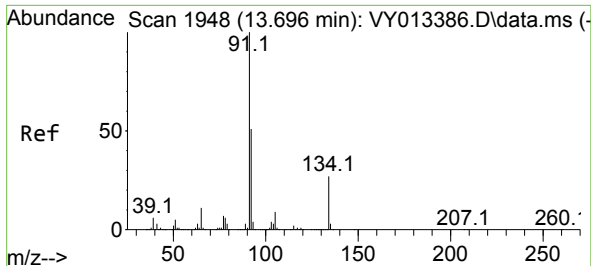
Tgt Ion:146 Resp: 282758
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.9
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.246 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion:146 Resp: 282429
Ion Ratio Lower Upper
146 100
111 38.0 18.9 56.5
148 63.3 31.9 95.5

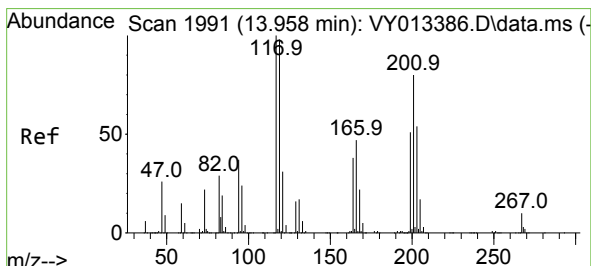
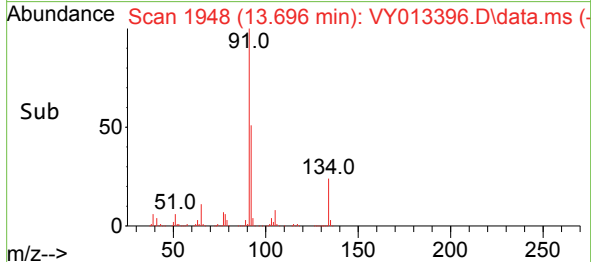
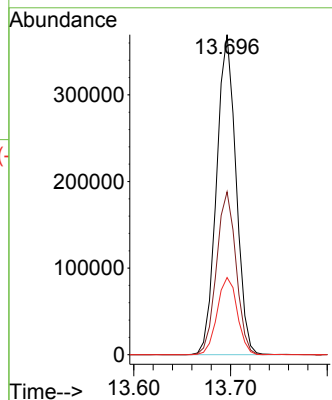
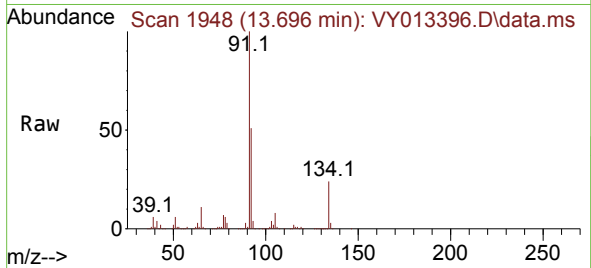




#89
n-Butylbenzene
Concen: 51.380 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

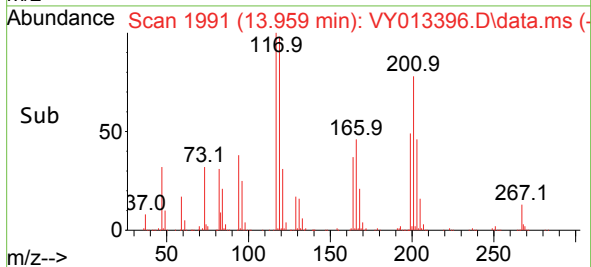
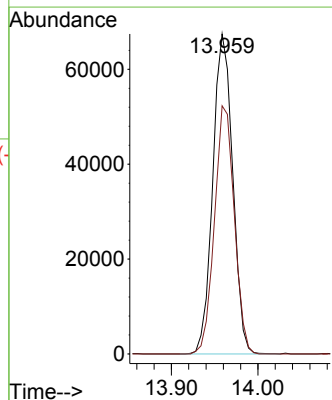
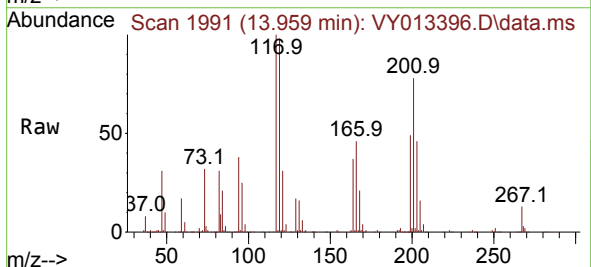
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

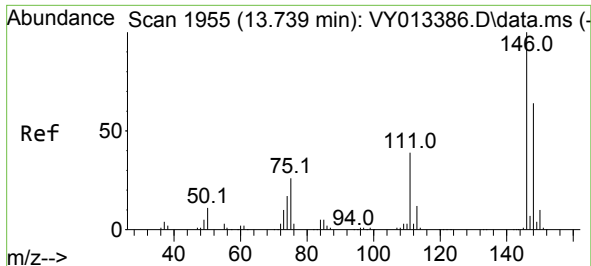
Tgt Ion: 91 Resp: 515886
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.3
134 25.0 13.5 40.4



#90
Hexachloroethane
Concen: 49.763 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013396.D
Acq: 24 Apr 2023 12:34

Tgt Ion: 117 Resp: 107743
Ion Ratio Lower Upper
117 100
201 77.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.448 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

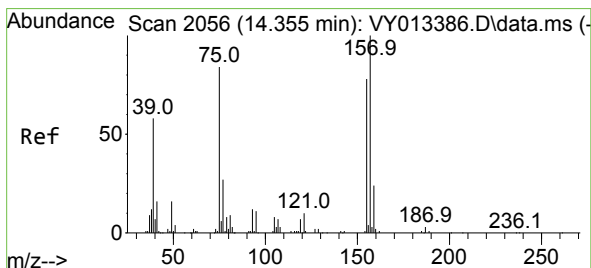
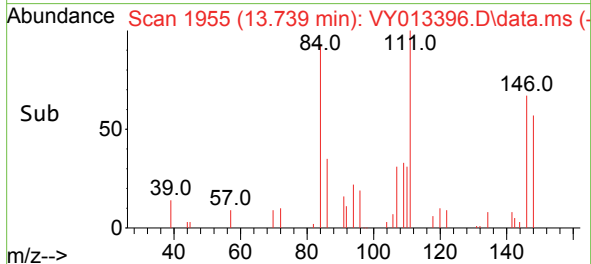
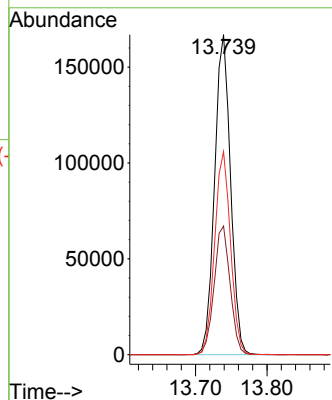
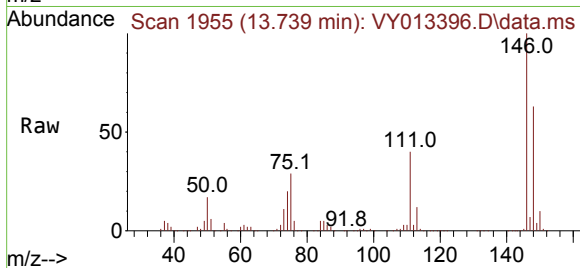
Tgt Ion:146 Resp: 258518

Ion Ratio Lower Upper

146 100

111 40.5 19.8 59.4

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.341 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

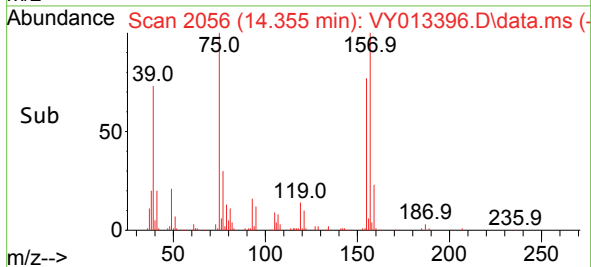
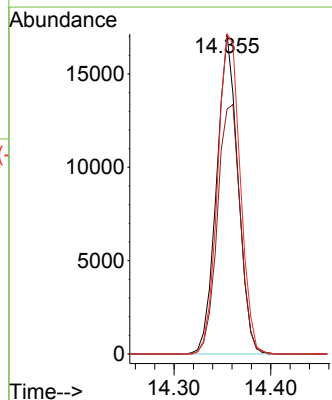
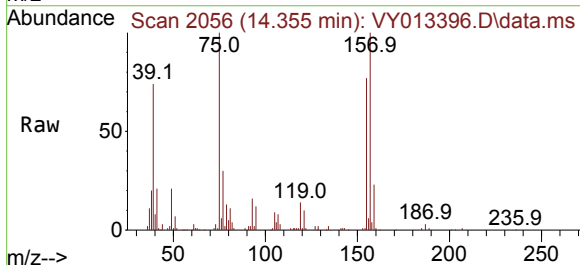
Tgt Ion: 75 Resp: 26195

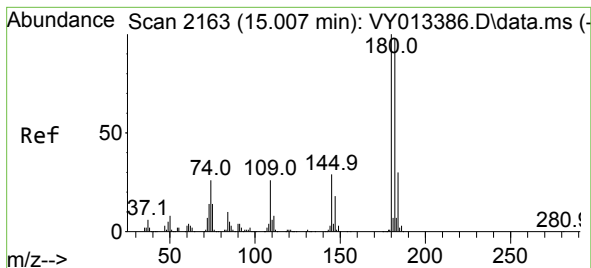
Ion Ratio Lower Upper

75 100

155 83.7 44.6 134.0

157 106.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 50.608 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

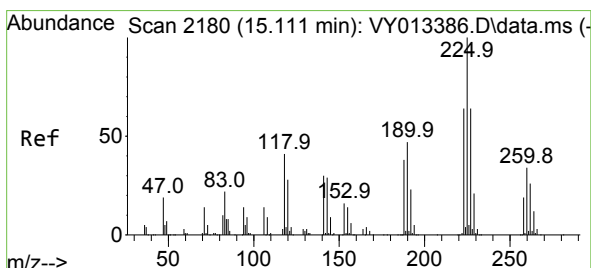
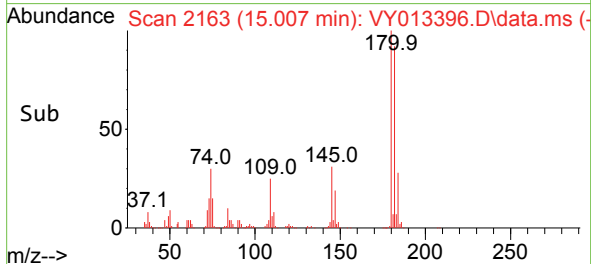
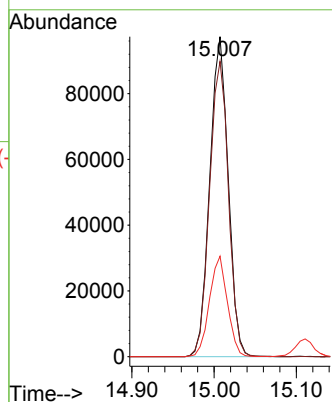
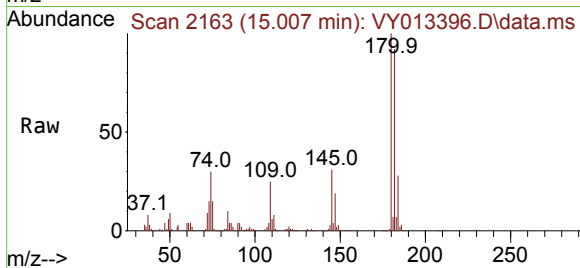
Tgt Ion:180 Resp: 151613

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.5

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 49.105 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

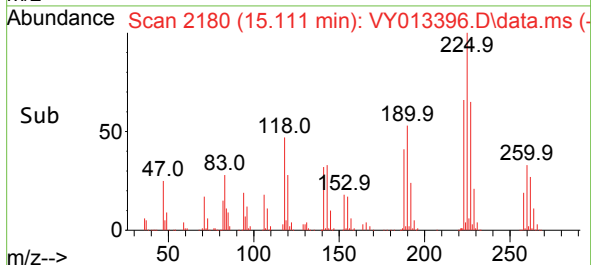
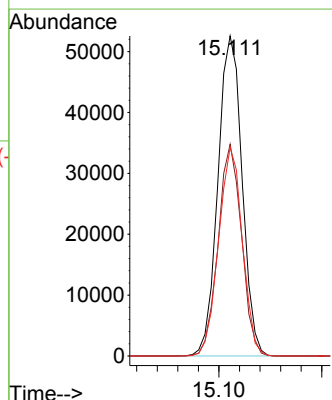
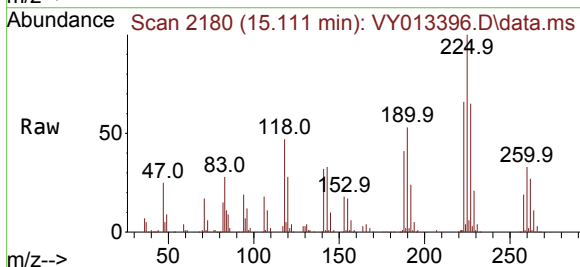
Tgt Ion:225 Resp: 85616

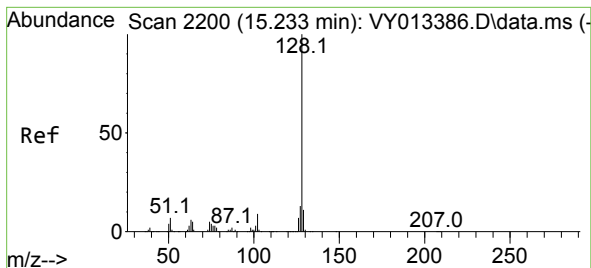
Ion Ratio Lower Upper

225 100

223 64.1 31.4 94.2

227 64.0 32.0 96.0





#95

Naphthalene

Concen: 52.837 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

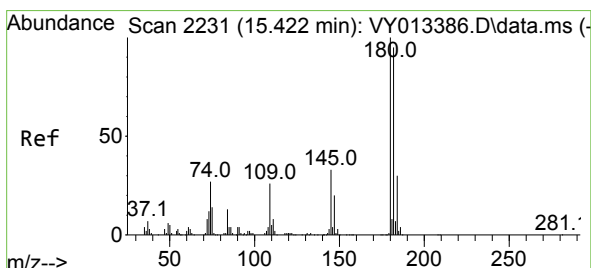
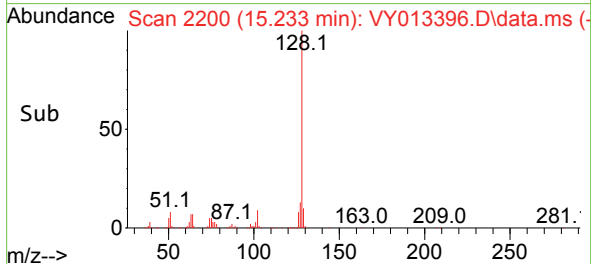
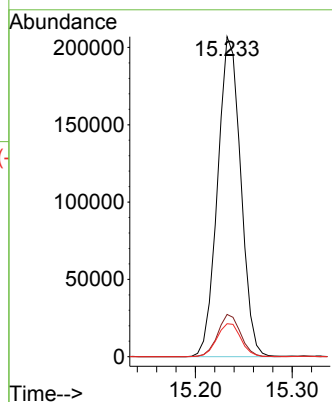
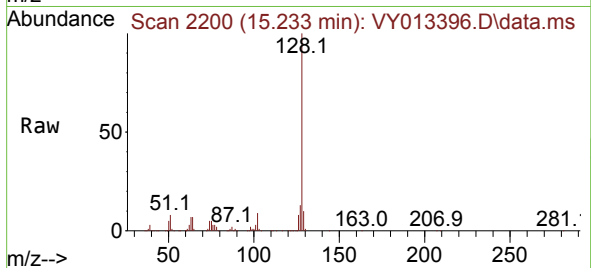
Tgt Ion:128 Resp: 343444

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.373 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013396.D

Acq: 24 Apr 2023 12:34

Tgt Ion:180 Resp: 137174

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 30.9 15.9 47.7

