

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013459.D
 Acq On : 25 Apr 2023 20:09
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 26 02:54:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	211272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	117000	50.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.040%	
35) Dibromofluoromethane	7.716	113	108133	51.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.580%	
50) Toluene-d8	10.179	98	372622	50.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.477	95	128737	51.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	106622	53.085	ug/l	100
3) Chloromethane	2.107	50	119743	44.476	ug/l	99
4) Vinyl Chloride	2.247	62	116481	43.452	ug/l	100
5) Bromomethane	2.650	94	95689	44.794	ug/l	97
6) Chloroethane	2.790	64	80078	43.241	ug/l	98
7) Trichlorofluoromethane	3.125	101	199338	49.086	ug/l	97
8) Diethyl Ether	3.528	74	70572	51.032	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	113726	49.926	ug/l	95
10) Methyl Iodide	4.088	142	138734	48.492	ug/l	98
11) Tert butyl alcohol	4.991	59	57705	221.285	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	109345	49.799	ug/l	93
13) Acrolein	3.729	56	43441	213.375	ug/l	97
14) Allyl chloride	4.473	41	201411	49.436	ug/l	97
15) Acrylonitrile	5.161	53	201077	259.630	ug/l	99
16) Acetone	3.954	43	196625	215.582	ug/l	97
17) Carbon Disulfide	4.192	76	356689	50.010	ug/l	99
18) Methyl Acetate	4.473	43	154220	51.196	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	327156	51.610	ug/l	97
20) Methylene Chloride	4.710	84	147845	52.080	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	126022	52.493	ug/l	97
22) Diisopropyl ether	6.119	45	406079	50.994	ug/l	96
23) Vinyl Acetate	6.058	43	1250982	277.456	ug/l	96
24) 1,1-Dichloroethane	6.015	63	223028	50.252	ug/l	98
25) 2-Butanone	6.990	43	274831	237.599	ug/l	93
26) 2,2-Dichloropropane	6.978	77	182481	47.715	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	139529	52.602	ug/l	97
28) Bromochloromethane	7.332	49	79945	50.761	ug/l	85
29) Tetrahydrofuran	7.350	42	184393	256.094	ug/l	92
30) Chloroform	7.503	83	232871	52.773	ug/l	99
31) Cyclohexane	7.783	56	192743	46.482	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	203020	51.559	ug/l	96
36) 1,1-Dichloropropene	7.917	75	170945	49.330	ug/l	97
37) Ethyl Acetate	7.070	43	124668	47.806	ug/l	97
38) Carbon Tetrachloride	7.899	117	186755	51.418	ug/l	94
39) Methylcyclohexane	9.179	83	201827	49.403	ug/l	96
40) Benzene	8.161	78	504304	51.663	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	63787	52.490	ug/l	94
42) 1,2-Dichloroethane	8.234	62	168073	52.665	ug/l	99
43) Isopropyl Acetate	8.271	43	215009	48.847	ug/l	97
44) Trichloroethene	8.941	130	134495	51.797	ug/l	100
45) 1,2-Dichloropropane	9.216	63	130476	51.121	ug/l	99
46) Dibromomethane	9.301	93	79967	52.364	ug/l	96
47) Bromodichloromethane	9.496	83	180782	52.904	ug/l	97
48) Methyl methacrylate	9.289	41	102145	50.528	ug/l	94
49) 1,4-Dioxane	9.313	88	22856	1047.929	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	631360	257.401	ug/l	97
52) Toluene	10.240	92	306750	52.220	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	185505	51.294	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	208319	51.191	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	110002	54.393	ug/l	99
56) Ethyl methacrylate	10.508	69	149823	53.399	ug/l	89
57) 1,3-Dichloropropane	10.789	76	181344	52.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	262091	249.111	ug/l	95
59) 2-Hexanone	10.831	43	459788	257.872	ug/l	97
60) Dibromochloromethane	10.984	129	131213	53.434	ug/l	100
61) 1,2-Dibromoethane	11.087	107	104571	52.593	ug/l	100
64) Tetrachloroethene	10.715	164	118333	51.595	ug/l	93
65) Chlorobenzene	11.514	112	333720	50.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	124248	50.564	ug/l	99
67) Ethyl Benzene	11.587	91	585715	50.767	ug/l	100
68) m/p-Xylenes	11.703	106	452121	103.083	ug/l	100
69) o-Xylene	12.026	106	211716	51.040	ug/l	97
70) Styrene	12.044	104	366703	52.872	ug/l	99
71) Bromoform	12.203	173	87643	50.920	ug/l	98
73) Isopropylbenzene	12.325	105	554255	49.404	ug/l	99
74) N-amyl acetate	12.142	43	198105	49.622	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	137293	50.067	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	175600	87.785	ug/l #	100
77) Bromobenzene	12.605	156	138070	50.792	ug/l	93
78) n-propylbenzene	12.666	91	693343	50.175	ug/l	97
79) 2-Chlorotoluene	12.752	91	386238	50.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	466438	50.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	46784	47.841	ug/l	93
82) 4-Chlorotoluene	12.855	91	401634	49.936	ug/l	97
83) tert-Butylbenzene	13.075	119	396983	50.042	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	452288	50.805	ug/l	99
85) sec-Butylbenzene	13.251	105	589371	49.502	ug/l	98
86) p-Isopropyltoluene	13.367	119	480409	50.176	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	258377	49.890	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	258685	49.447	ug/l	98
89) n-Butylbenzene	13.697	91	465627	49.827	ug/l	98
90) Hexachloroethane	13.959	117	98858	49.058	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	240058	51.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24399	50.380	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	146871	52.674	ug/l	99
94) Hexachlorobutadiene	15.111	225	83303	51.335	ug/l	99
95) Naphthalene	15.233	128	332936	55.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	136050	54.745	ug/l	100

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ClientSampleId :
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QLast Update : Tue Apr 25 02:39:58 2023
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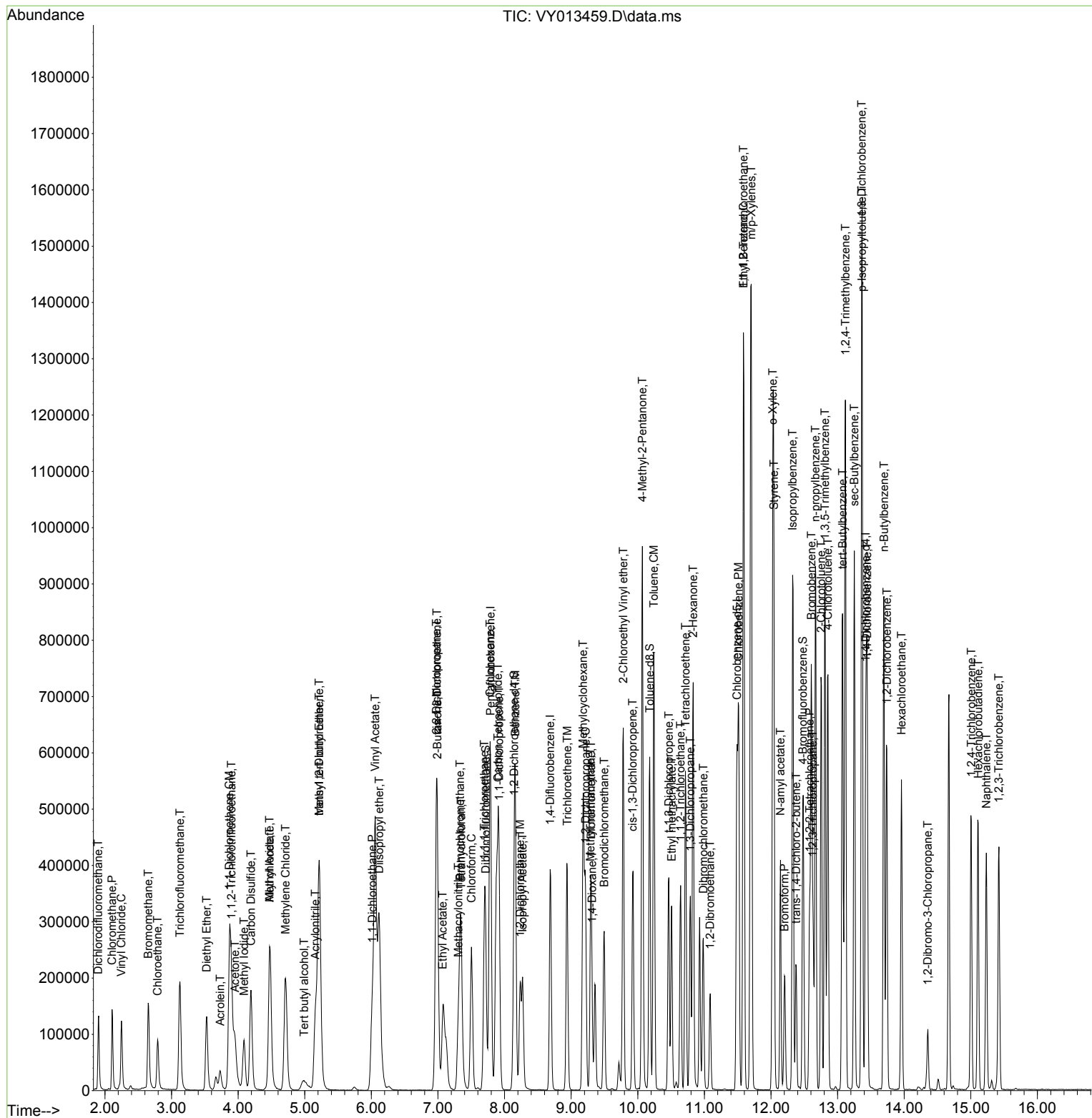
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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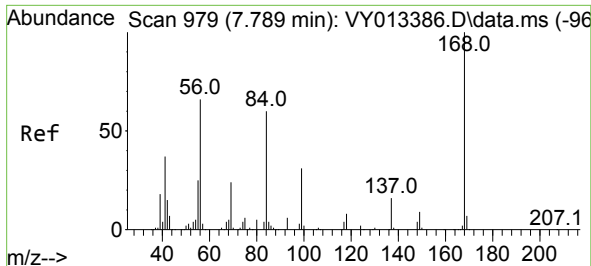
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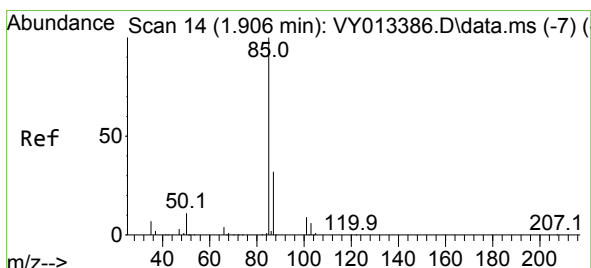
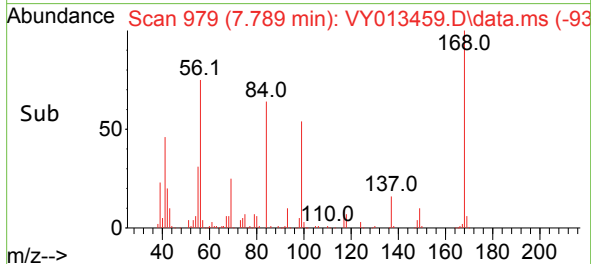
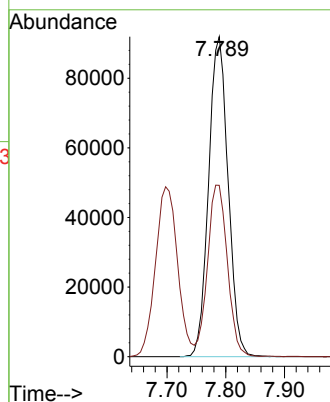
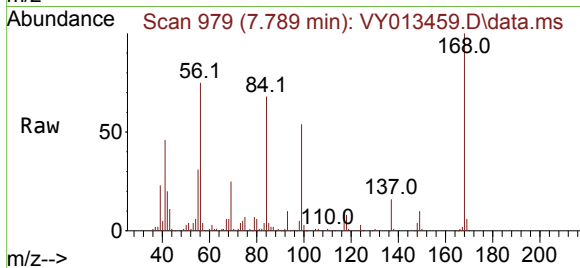




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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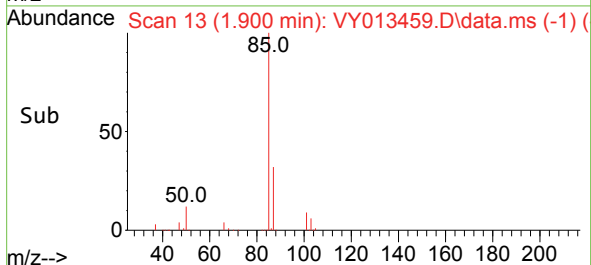
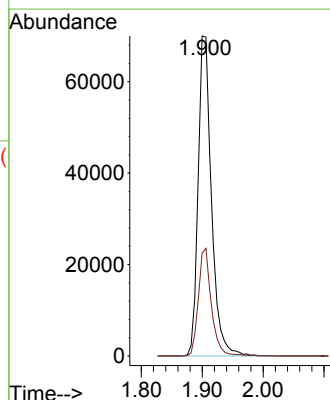
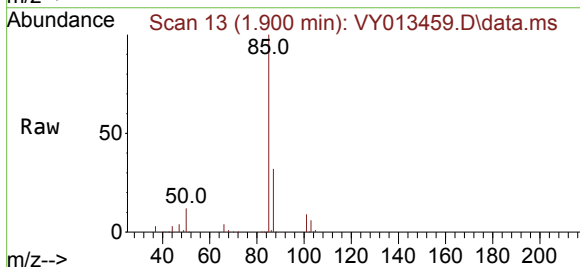
Instrument :
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ClientSampleId :
VSTDCCC050EC

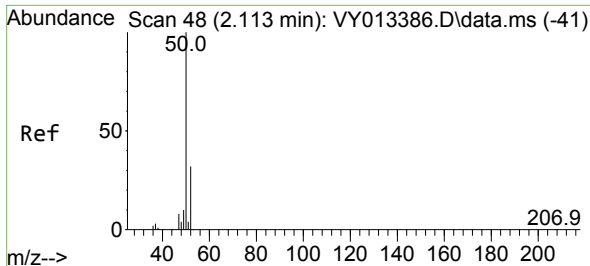
Tgt Ion:168 Resp: 211272
Ion Ratio Lower Upper
168 100
99 53.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 53.085 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 85 Resp: 106622
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

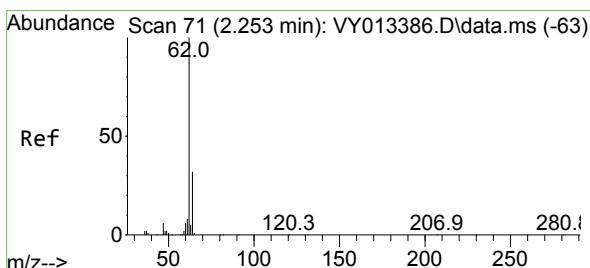
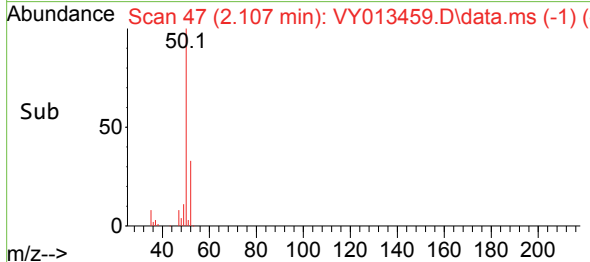
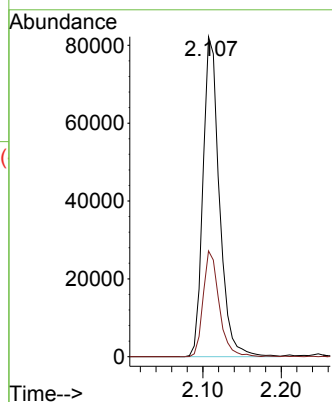
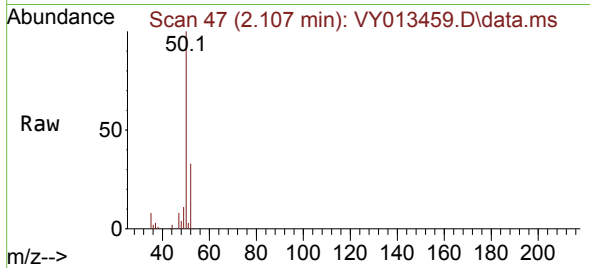




#3
Chloromethane
Concen: 44.476 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

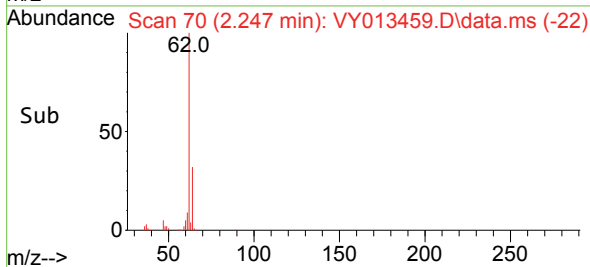
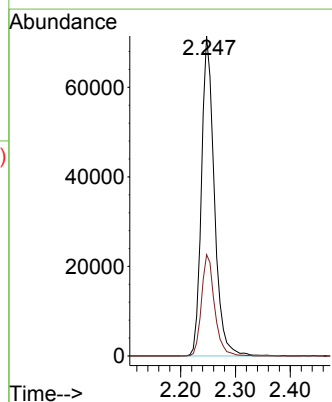
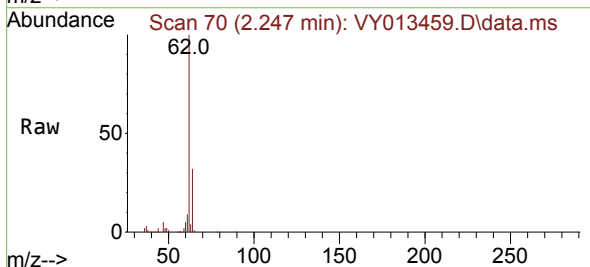
Instrument :
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ClientSampleId :
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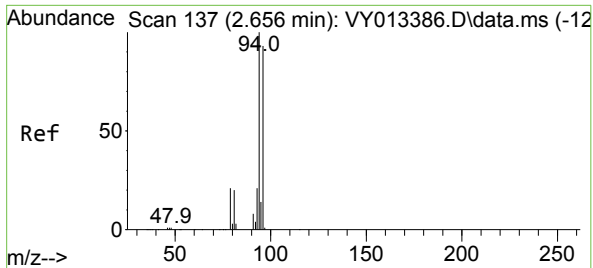
Tgt Ion: 50 Resp: 119743
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 43.452 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 62 Resp: 116481
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

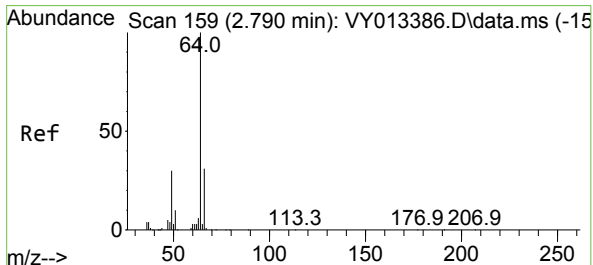
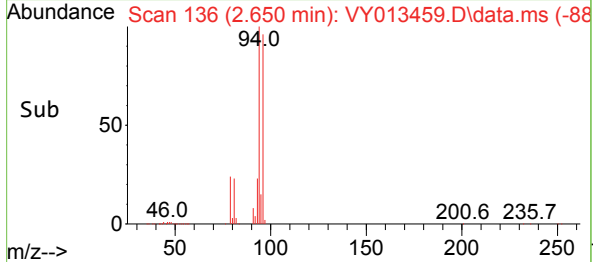
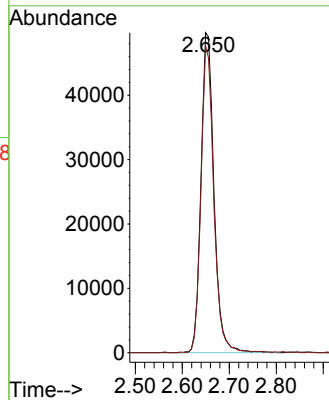
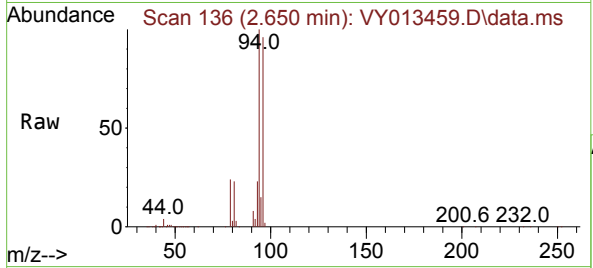




#5
Bromomethane
Concen: 44.794 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013459.D
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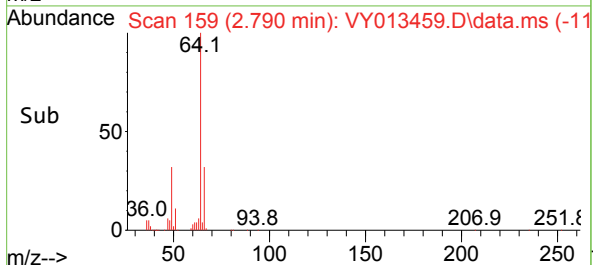
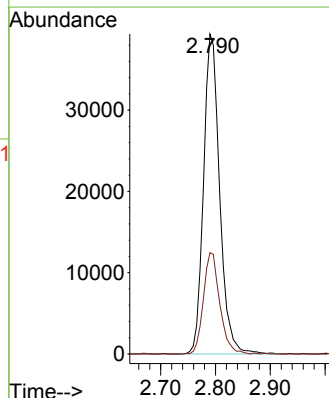
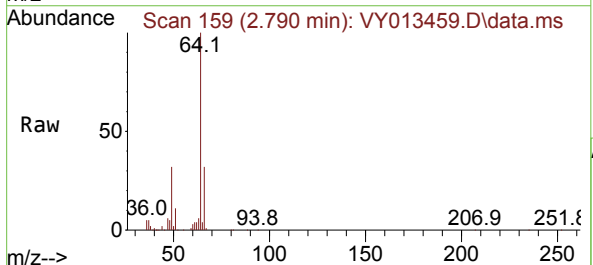
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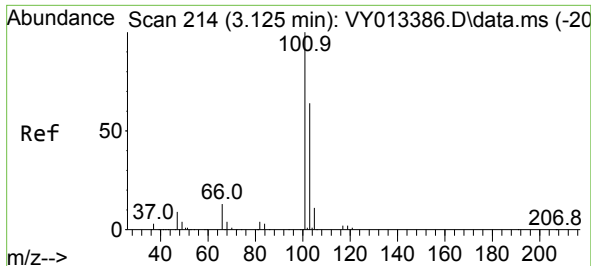
Tgt Ion: 94 Resp: 95689
Ion Ratio Lower Upper
94 100
96 95.5 74.2 111.2



#6
Chloroethane
Concen: 43.241 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013459.D
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Tgt Ion: 64 Resp: 80078
Ion Ratio Lower Upper
64 100
66 31.7 24.6 37.0

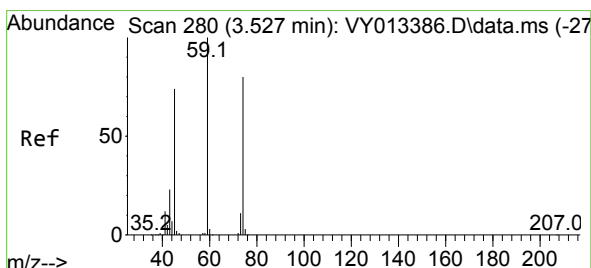
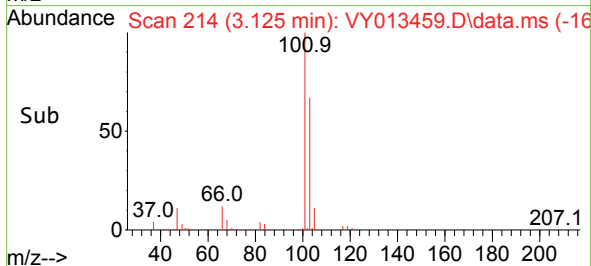
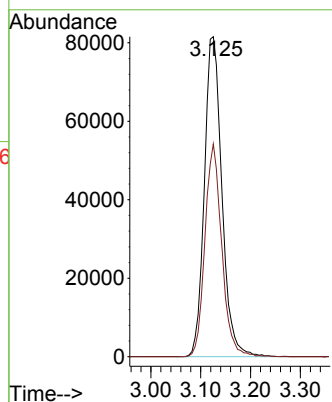
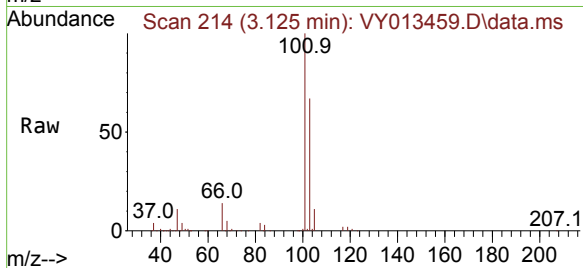




#7
Trichlorofluoromethane
Concen: 49.086 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

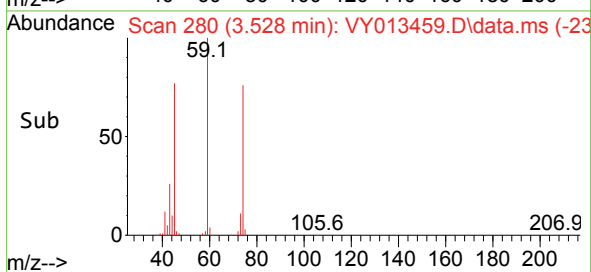
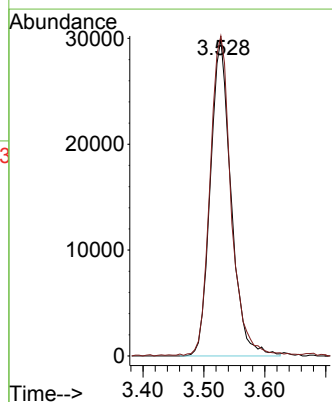
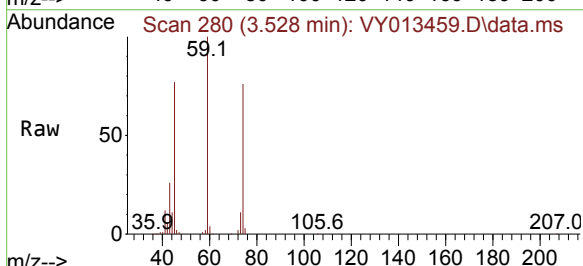
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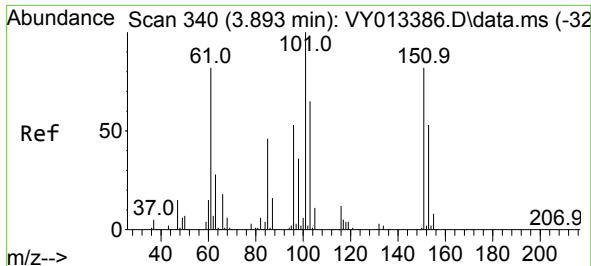
Tgt Ion:101 Resp: 199338
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4



#8
Diethyl Ether
Concen: 51.032 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 74 Resp: 70572
Ion Ratio Lower Upper
74 100
45 102.9 48.2 144.6

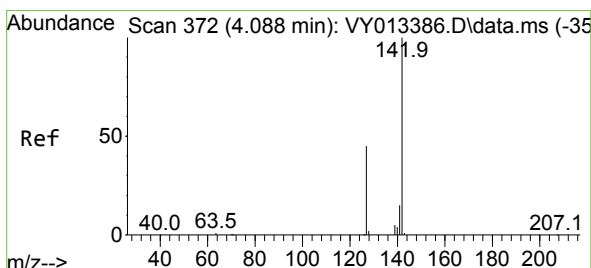
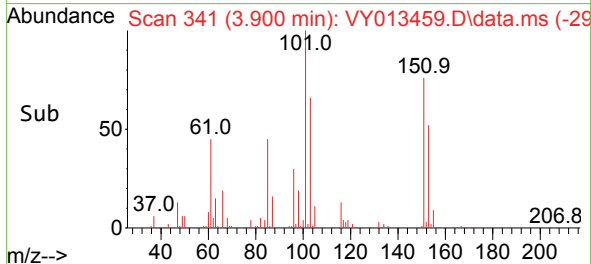
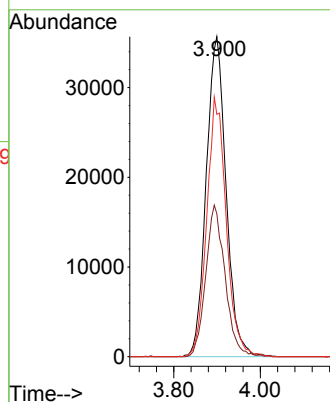
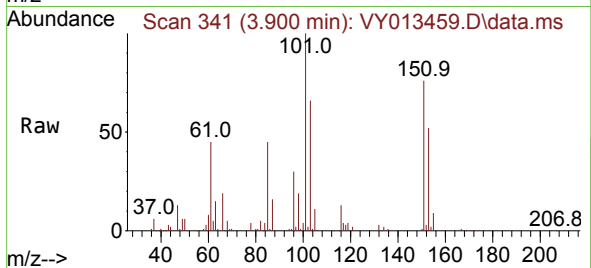




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.926 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

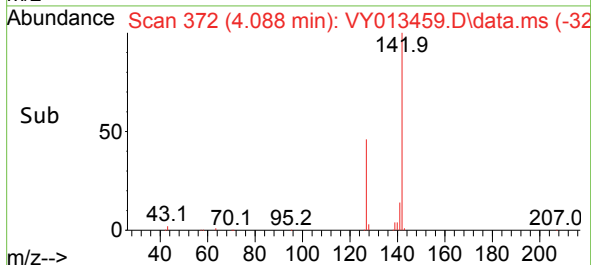
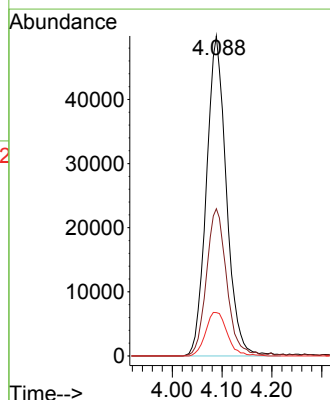
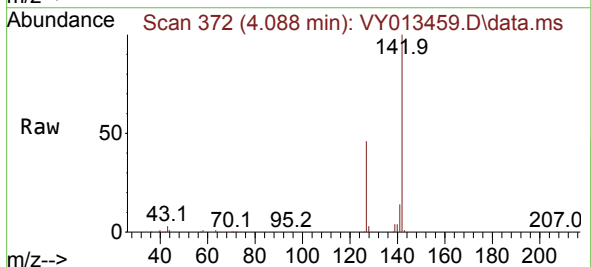
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

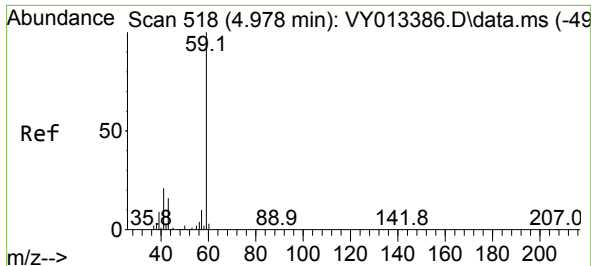
Tgt Ion:101 Resp: 113726
Ion Ratio Lower Upper
101 100
85 46.1 35.6 53.4
151 79.4 68.0 102.0



#10
Methyl Iodide
Concen: 48.492 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion:142 Resp: 138734
Ion Ratio Lower Upper
142 100
127 46.7 36.1 54.1
141 14.8 11.6 17.4

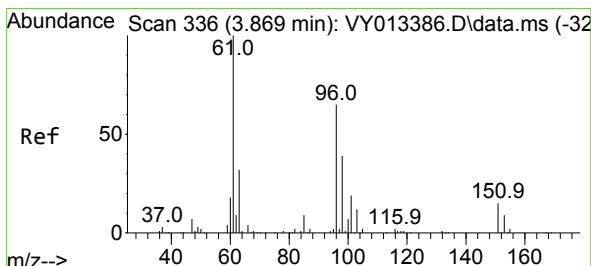
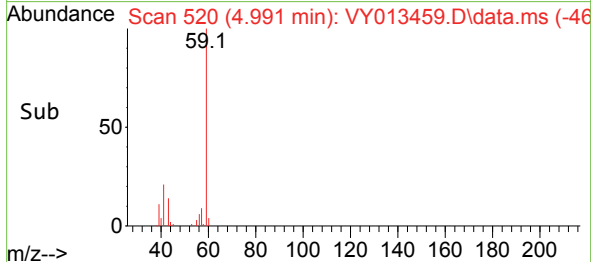
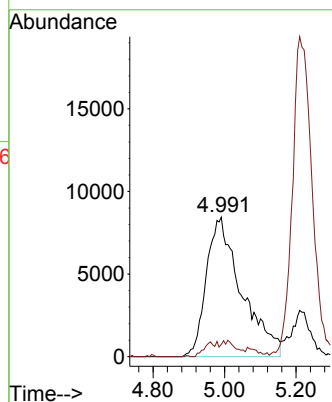
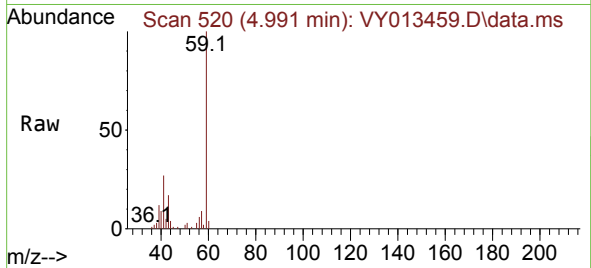




#11
Tert butyl alcohol
Concen: 221.285 ug/l
RT: 4.991 min Scan# 518
Delta R.T. 0.013 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

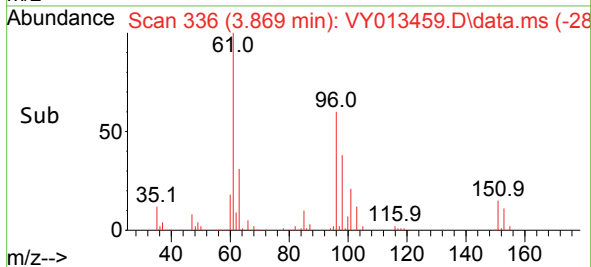
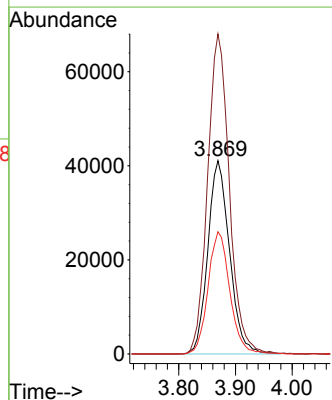
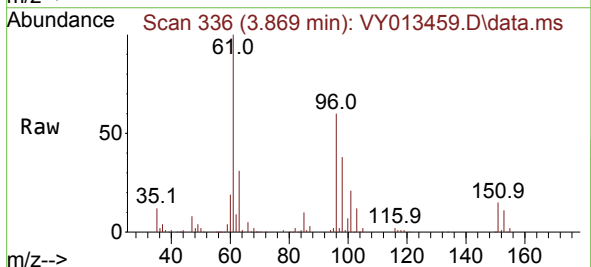
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

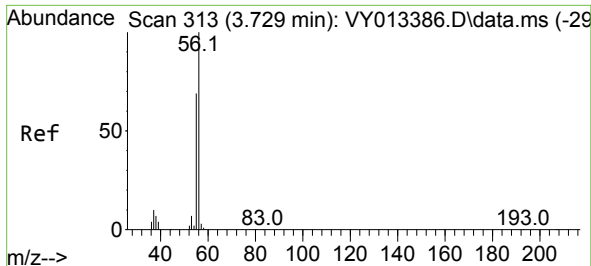
Tgt Ion: 59 Resp: 57705
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.799 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 96 Resp: 109345
Ion Ratio Lower Upper
96 100
61 165.6 123.9 185.9
98 63.3 48.9 73.3

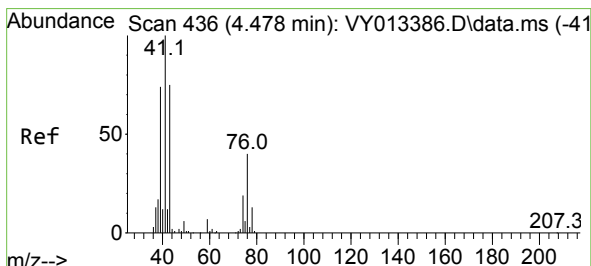
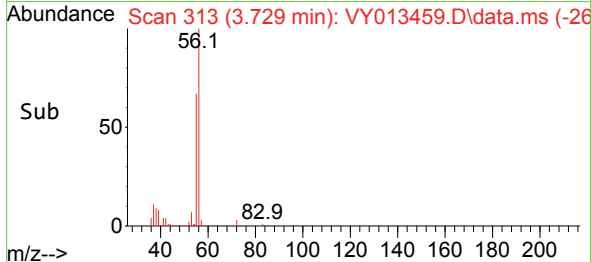
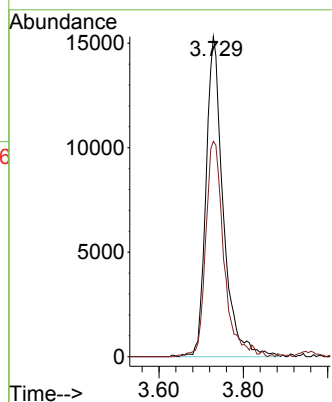
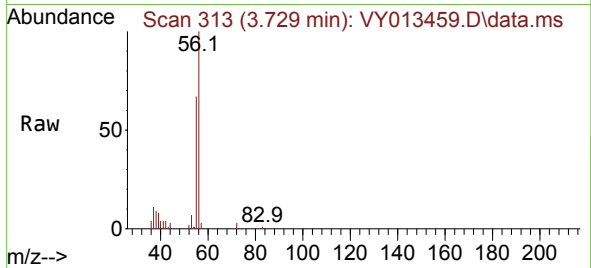




#13
Acrolein
Concen: 213.375 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

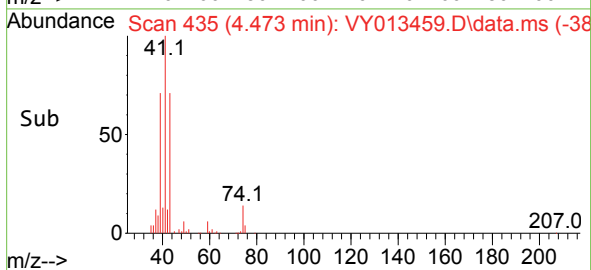
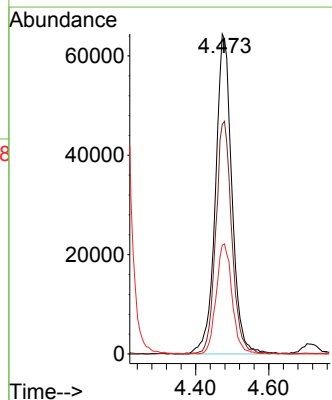
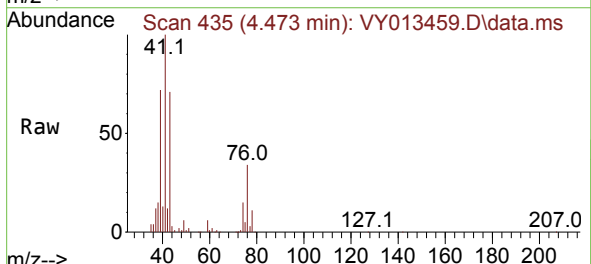
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

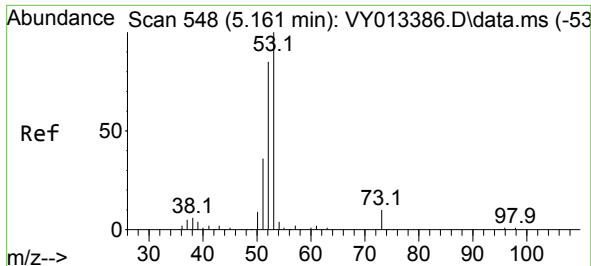
Tgt Ion: 56 Resp: 43441
Ion Ratio Lower Upper
56 100
55 70.1 54.1 81.1



#14
Allyl chloride
Concen: 49.436 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 41 Resp: 201411
Ion Ratio Lower Upper
41 100
39 70.7 56.6 85.0
76 33.3 30.5 45.7





#15

Acrylonitrile

Concen: 259.630 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

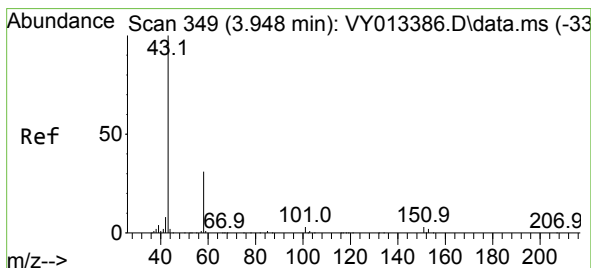
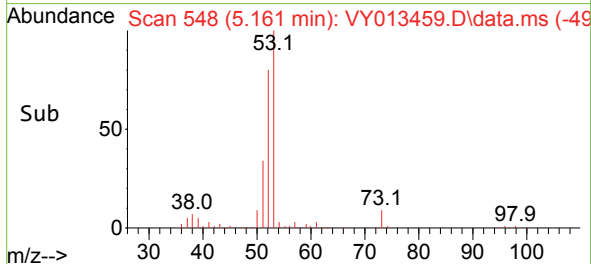
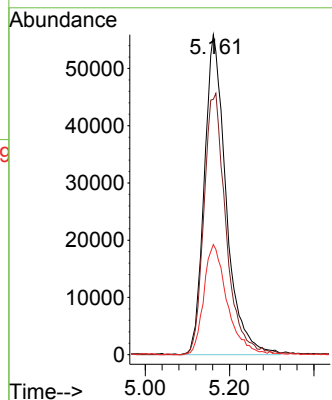
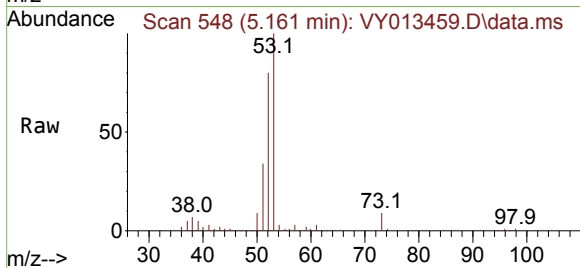
Tgt Ion: 53 Resp: 201077

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.0

51 36.8 29.3 43.9



#16

Acetone

Concen: 215.582 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013459.D

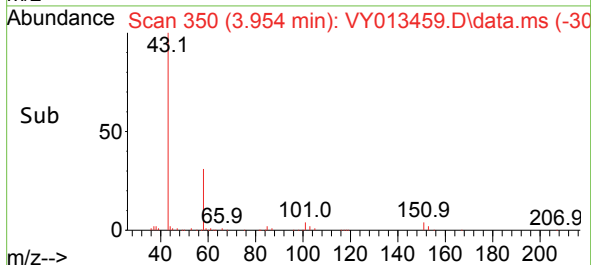
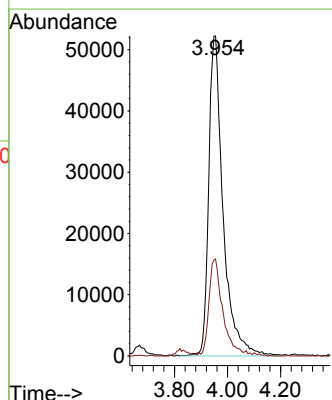
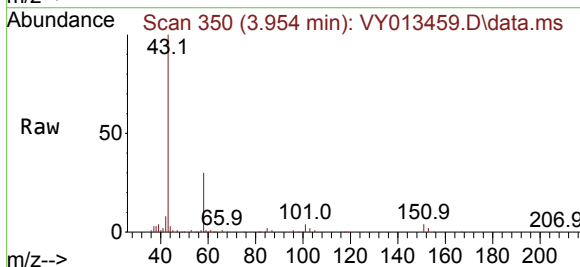
Acq: 25 Apr 2023 20:09

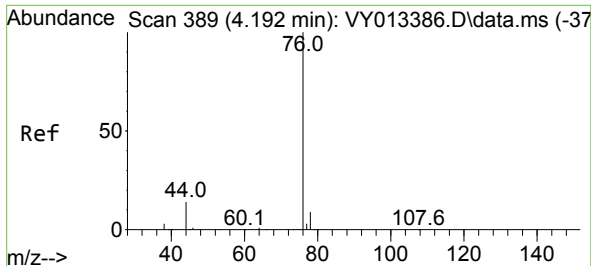
Tgt Ion: 43 Resp: 196625

Ion Ratio Lower Upper

43 100

58 30.3 25.4 38.0

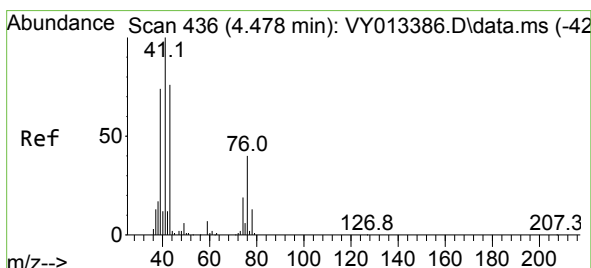
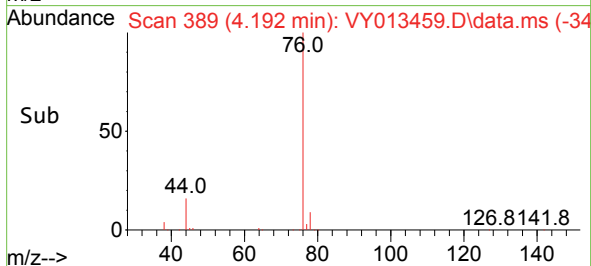
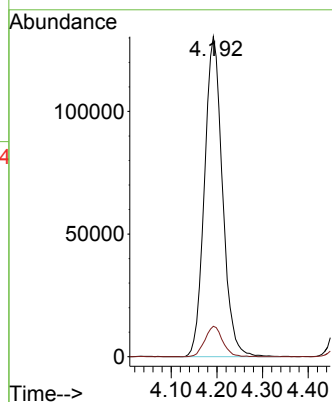
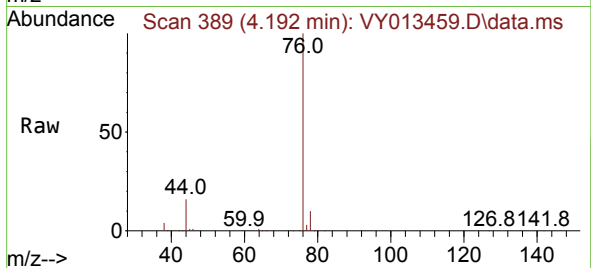




#17
Carbon Disulfide
Concen: 50.010 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

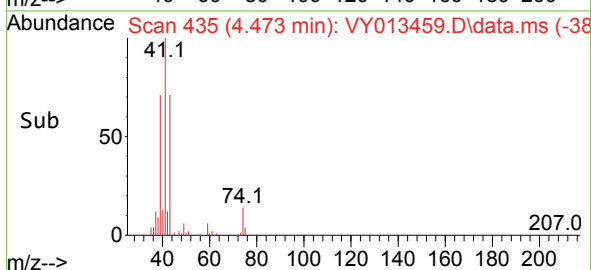
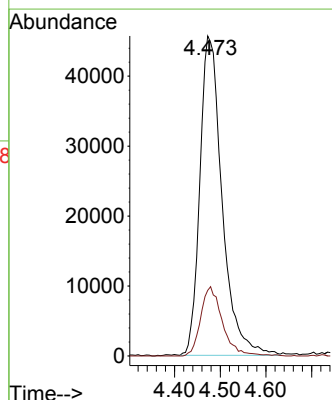
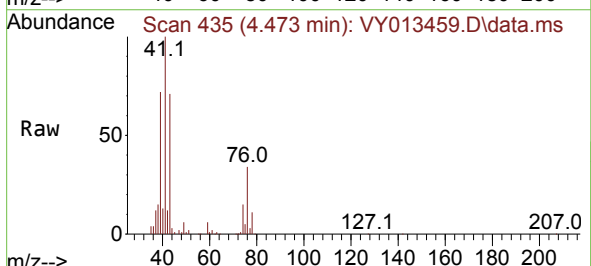
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

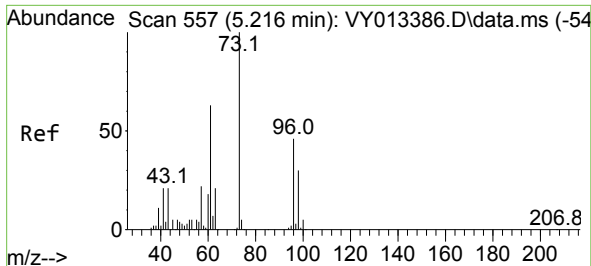
Tgt Ion: 76 Resp: 356689
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 51.196 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 43 Resp: 154220
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2

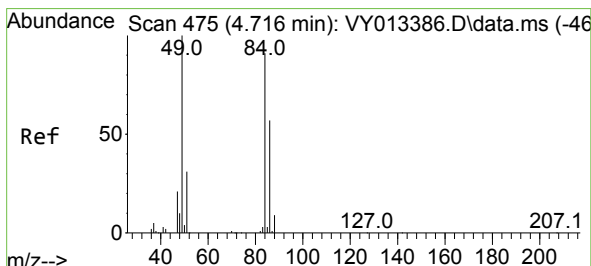
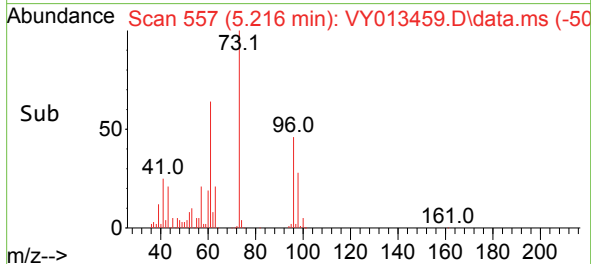
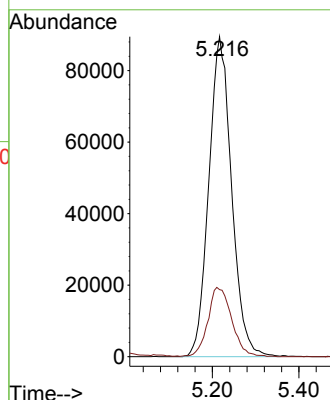
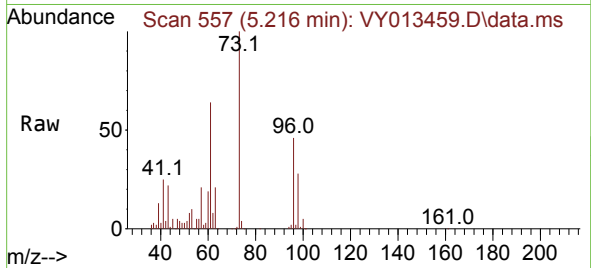




#19
Methyl tert-butyl Ether
Concen: 51.610 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

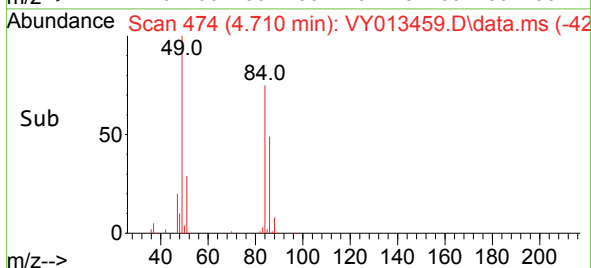
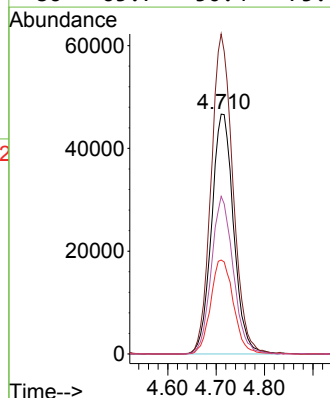
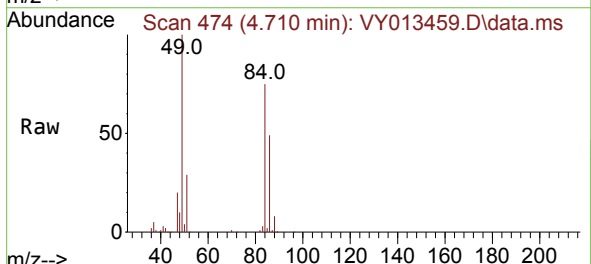
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

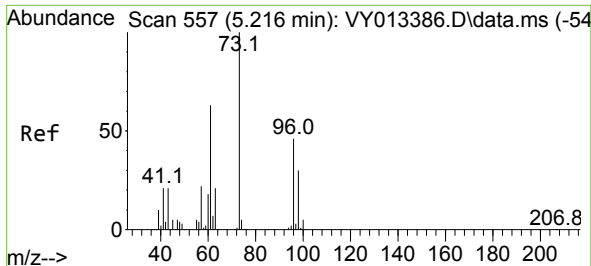
Tgt Ion: 73 Resp: 327156
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.8



#20
Methylene Chloride
Concen: 52.080 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 84 Resp: 147845
Ion Ratio Lower Upper
84 100
49 133.4 88.0 132.0#
51 39.2 27.4 41.0
86 65.7 50.4 75.6

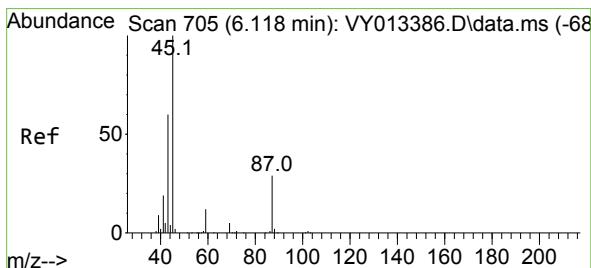
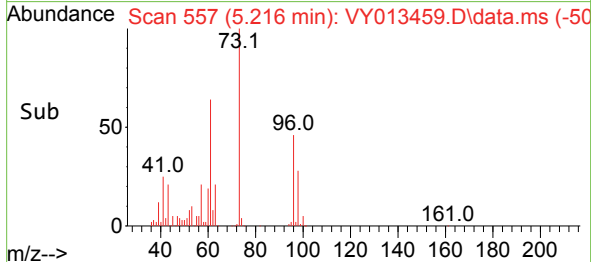
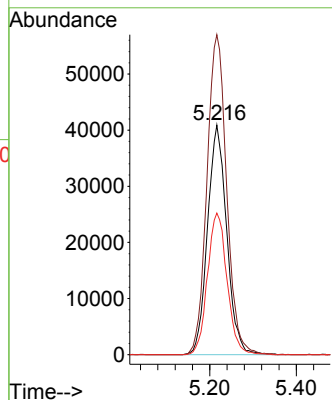
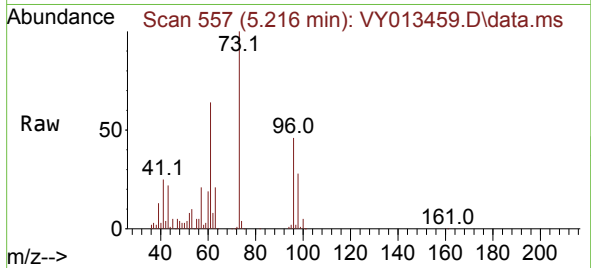




#21
trans-1,2-Dichloroethene
Concen: 52.493 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

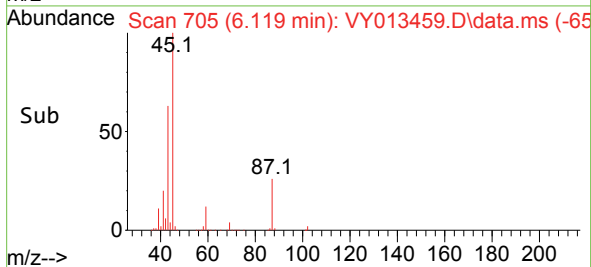
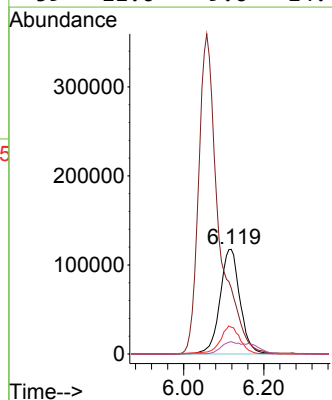
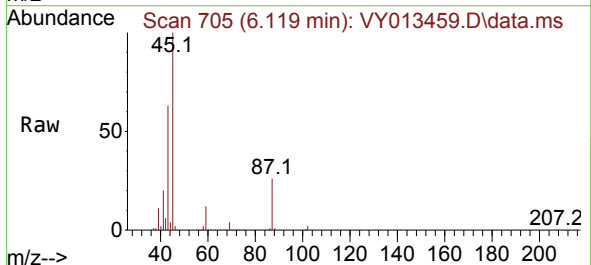
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

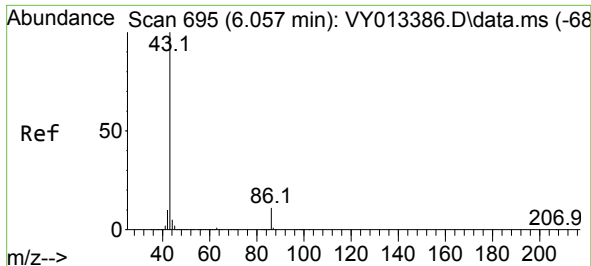
Tgt Ion: 96 Resp: 126022
Ion Ratio Lower Upper
96 100
61 139.4 110.6 165.8
98 61.7 53.1 79.7



#22
Diisopropyl ether
Concen: 50.994 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 45 Resp: 406079
Ion Ratio Lower Upper
45 100
43 62.8 48.4 72.6
87 25.5 23.8 35.6
59 11.6 9.6 14.4

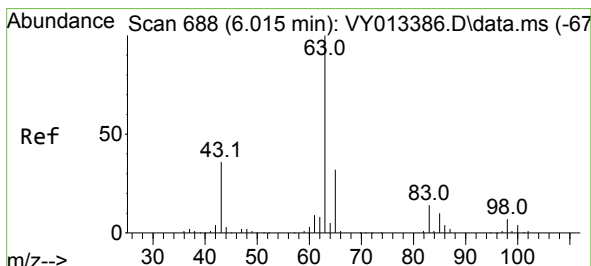
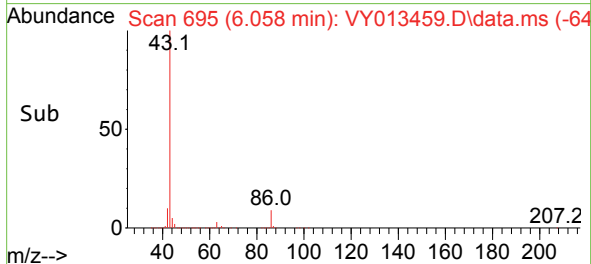
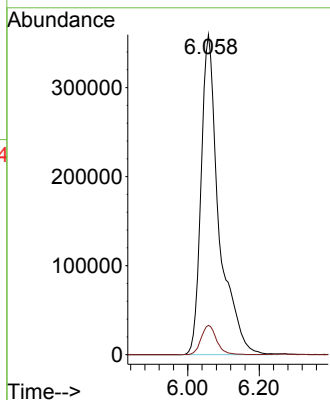
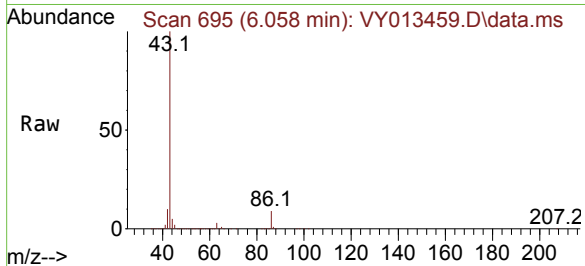




#23
 Vinyl Acetate
 Concen: 277.456 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013459.D
 Acq: 25 Apr 2023 20:09

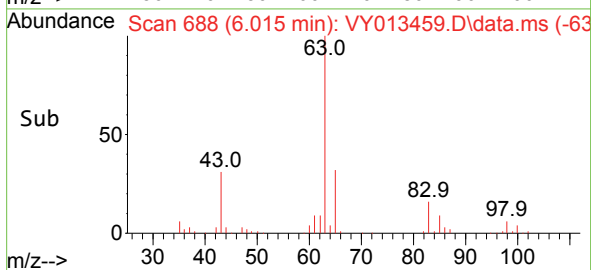
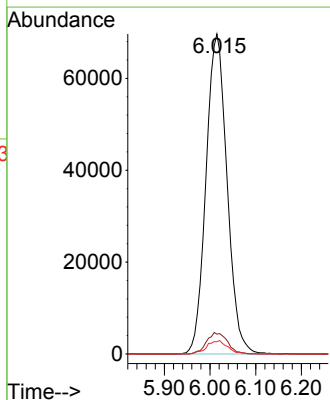
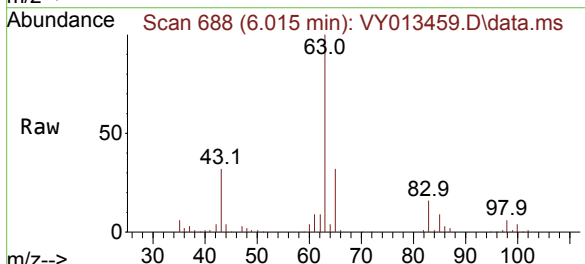
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

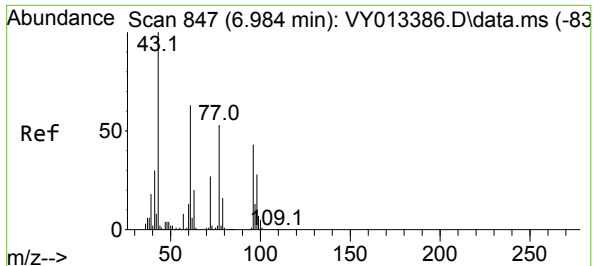
Tgt Ion: 43 Resp: 1250982
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.252 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013459.D
 Acq: 25 Apr 2023 20:09

Tgt Ion: 63 Resp: 223028
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 3.8 2.2 6.6





#25

2-Butanone

Concen: 237.599 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

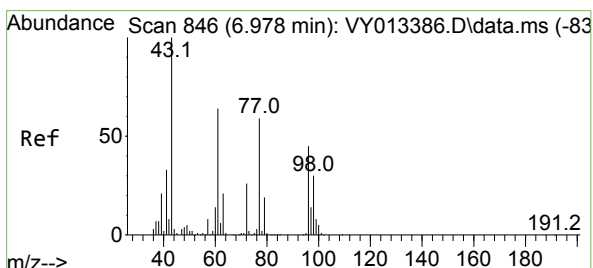
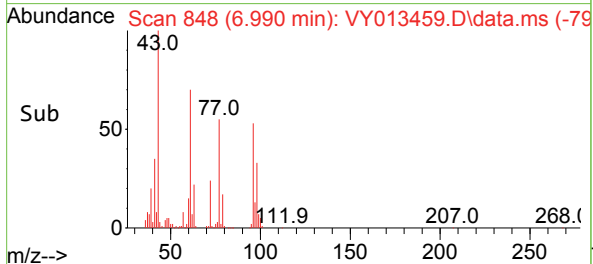
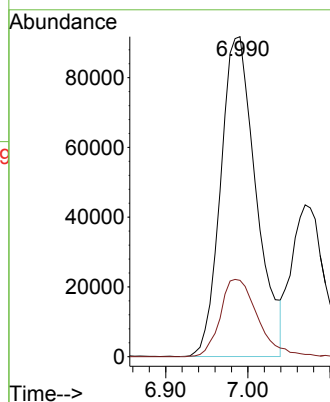
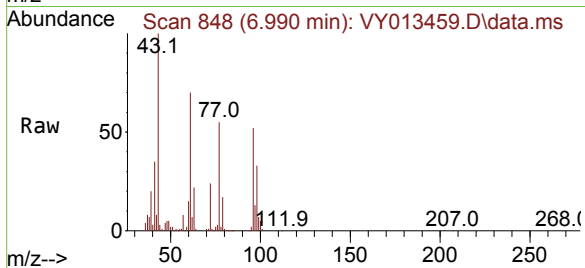
VSTDCCC050EC

Tgt Ion: 43 Resp: 274831

Ion Ratio Lower Upper

43 100

72 23.9 21.9 32.9



#26

2,2-Dichloropropane

Concen: 47.715 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013459.D

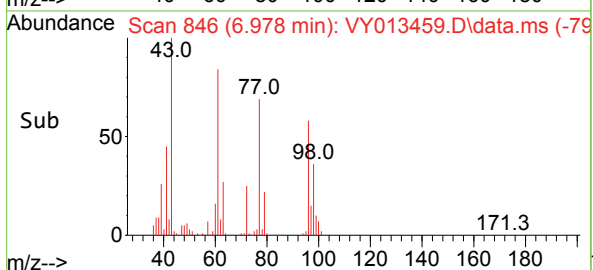
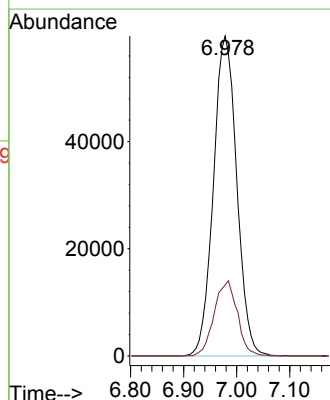
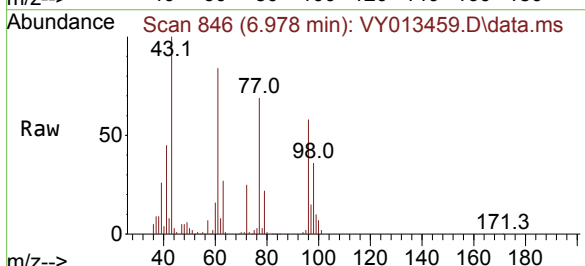
Acq: 25 Apr 2023 20:09

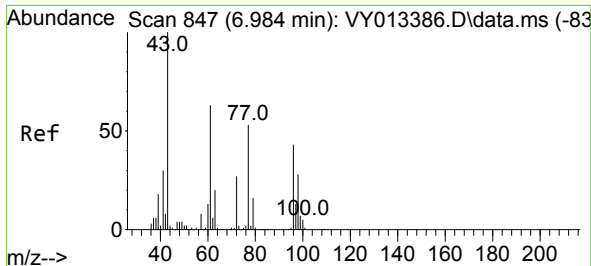
Tgt Ion: 77 Resp: 182481

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4

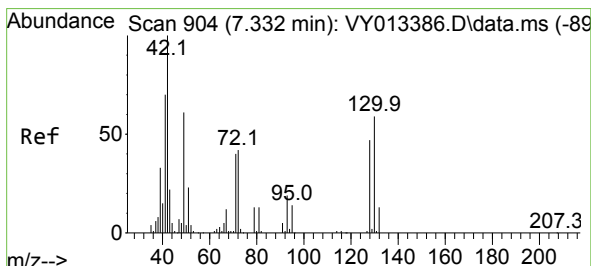
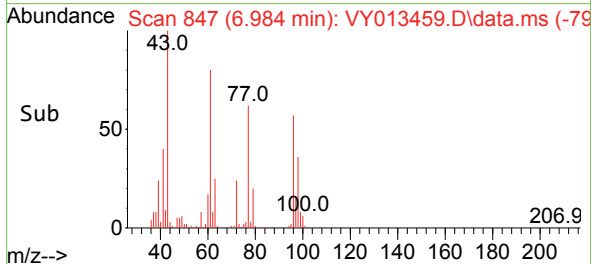
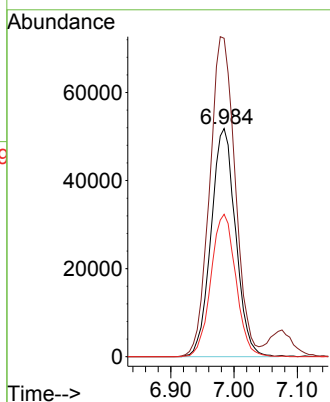
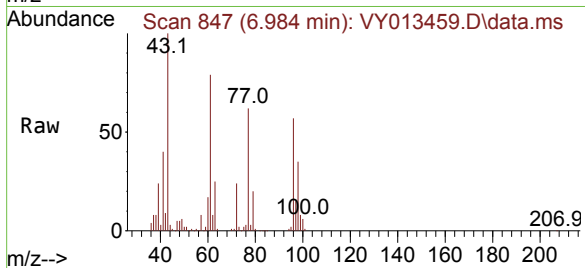




#27
cis-1,2-Dichloroethene
Concen: 52.602 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

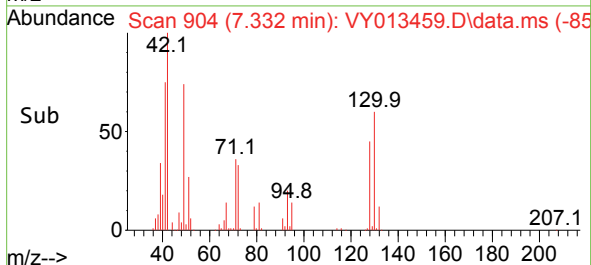
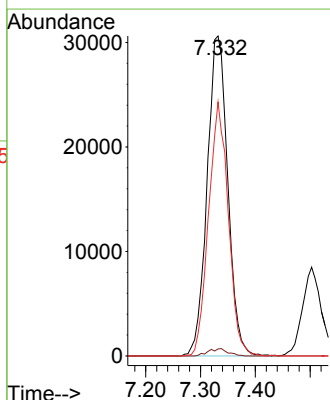
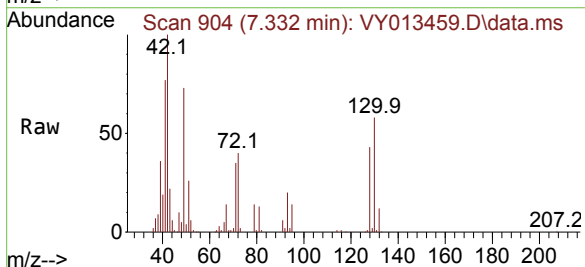
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

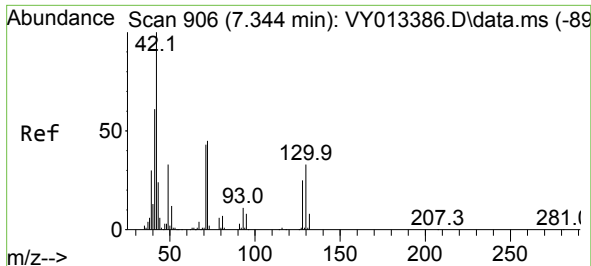
Tgt Ion: 96 Resp: 139529
Ion Ratio Lower Upper
96 100
61 145.8 0.0 285.0
98 63.5 0.0 130.6



#28
Bromochloromethane
Concen: 50.761 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 49 Resp: 79945
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.2
130 75.9 72.1 108.1





#29

Tetrahydrofuran

Concen: 256.094 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

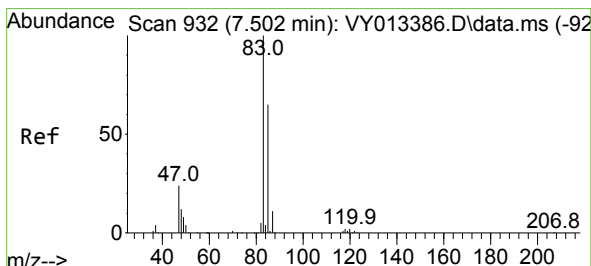
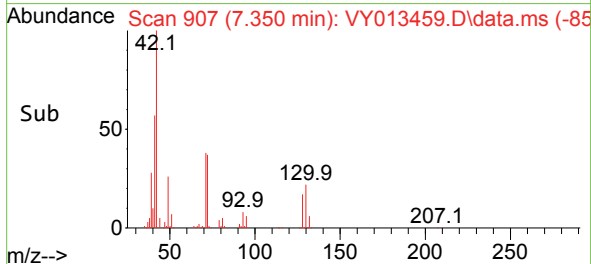
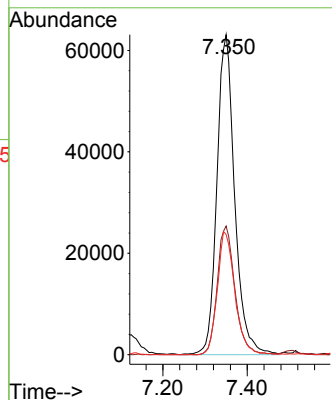
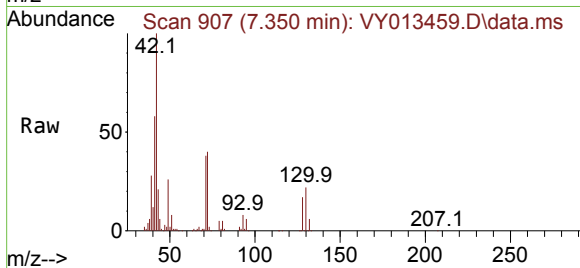
Tgt Ion: 42 Resp: 184393

Ion Ratio Lower Upper

42 100

72 40.0 35.9 53.9

71 37.9 34.3 51.5



#30

Chloroform

Concen: 52.773 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013459.D

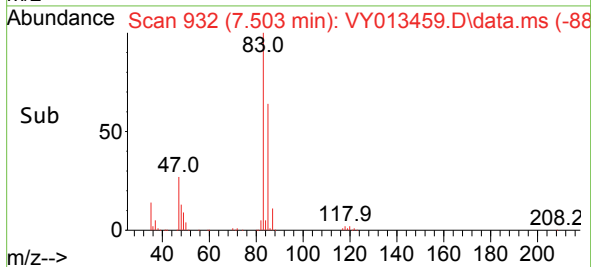
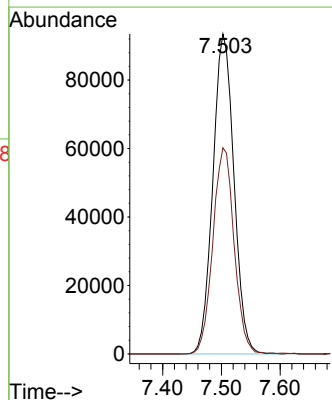
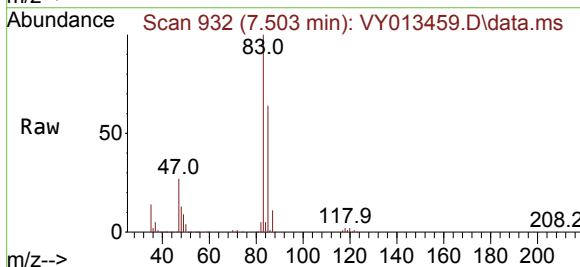
Acq: 25 Apr 2023 20:09

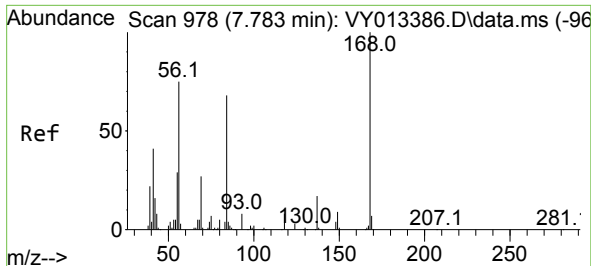
Tgt Ion: 83 Resp: 232871

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

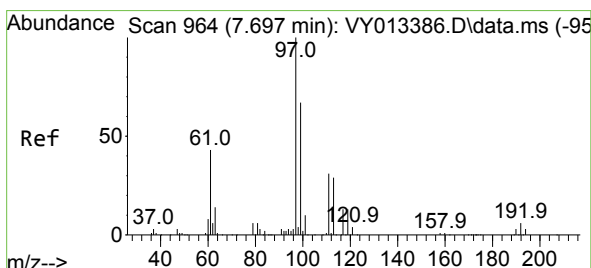
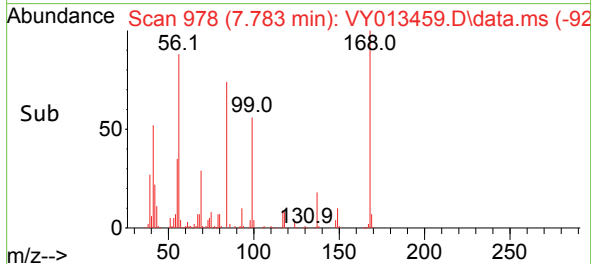
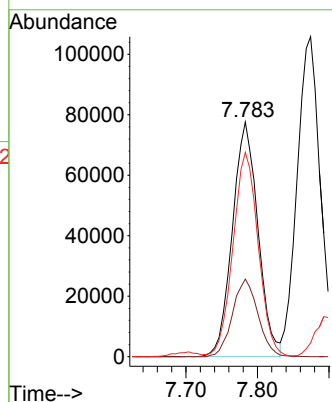
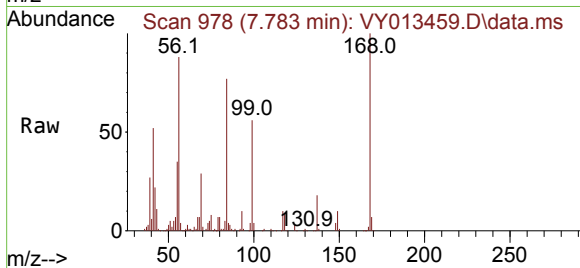




#31
Cyclohexane
Concen: 46.482 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

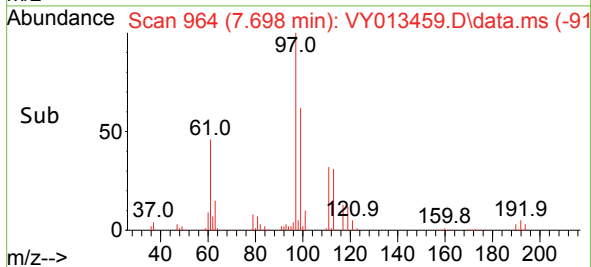
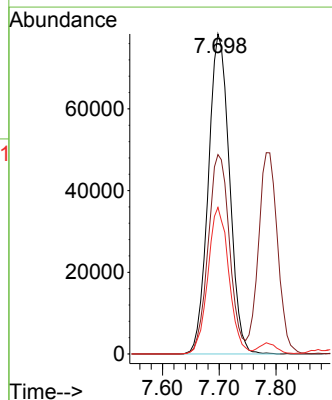
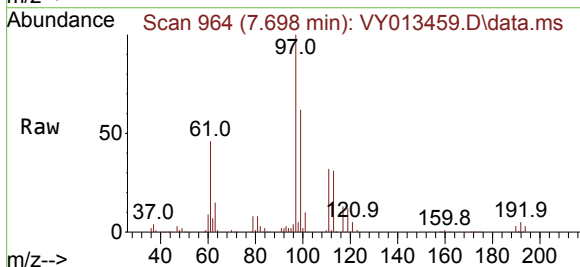
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

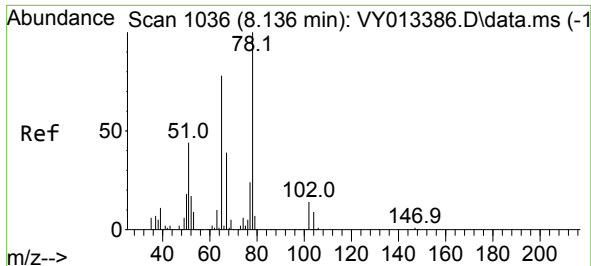
Tgt Ion: 56 Resp: 192743
Ion Ratio Lower Upper
56 100
69 33.0 29.2 43.8
84 85.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 51.559 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 97 Resp: 203020
Ion Ratio Lower Upper
97 100
99 63.1 52.2 78.2
61 45.5 33.8 50.8

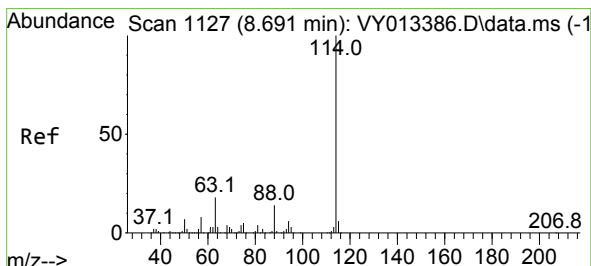
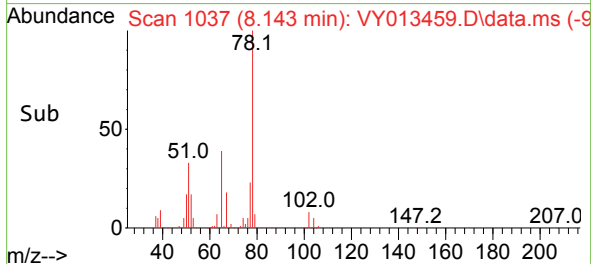
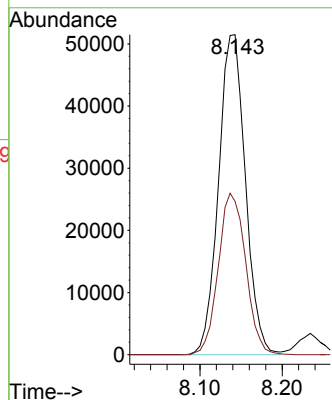
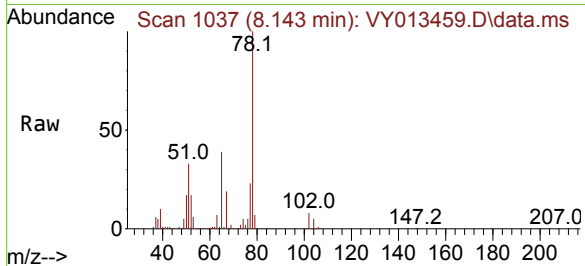




#33
1,2-Dichloroethane-d4
Concen: 50.518 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

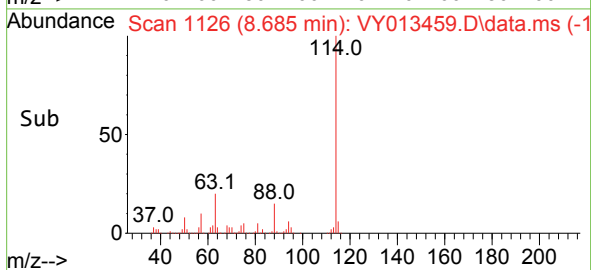
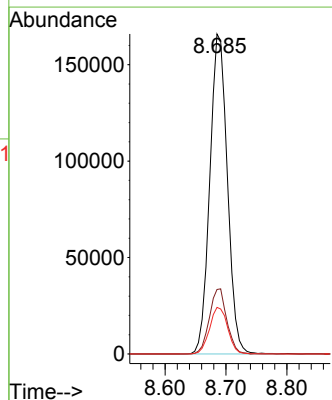
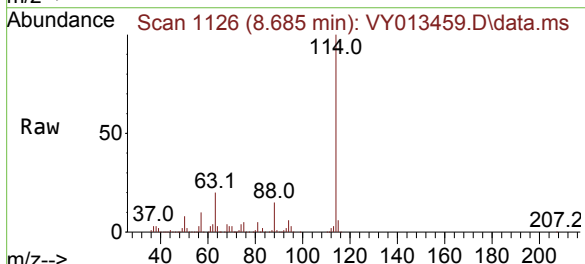
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

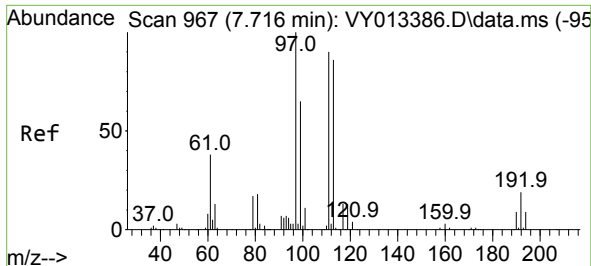
Tgt Ion: 65 Resp: 117000
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 114 Resp: 331983
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.6
88 14.6 0.0 28.8

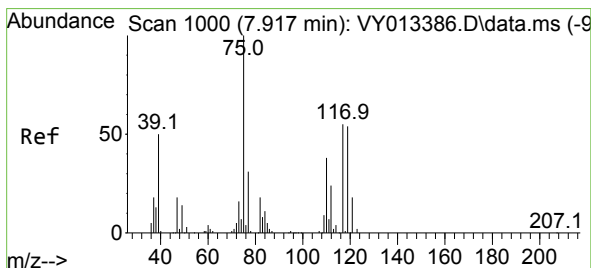
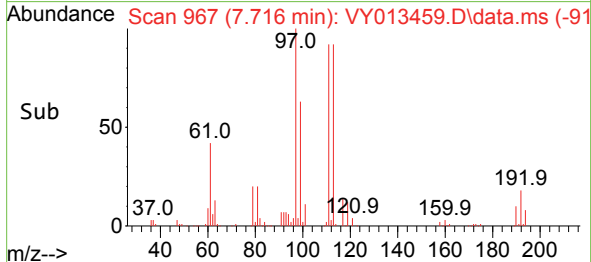
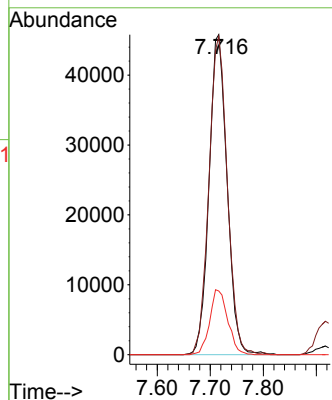
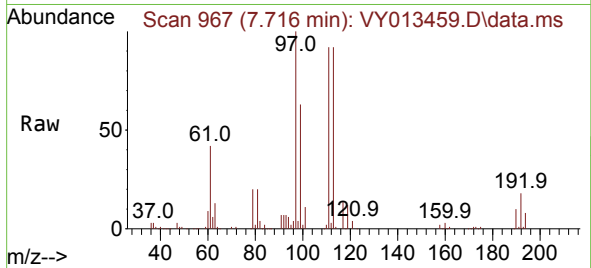




#35
Dibromofluoromethane
Concen: 51.787 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

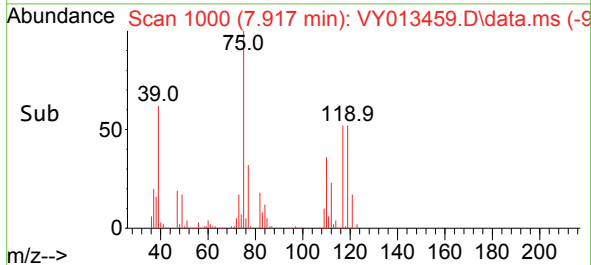
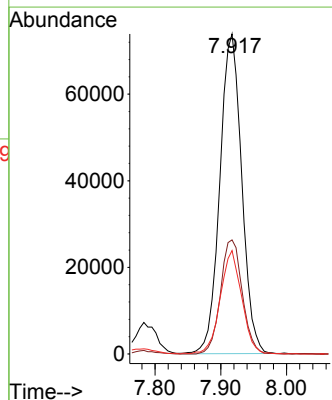
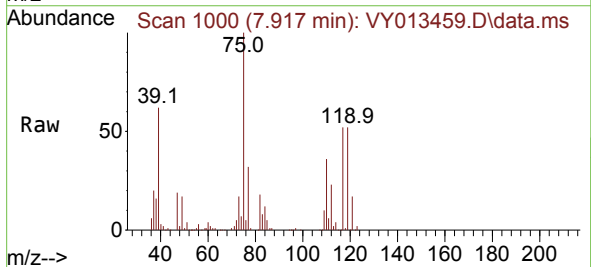
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

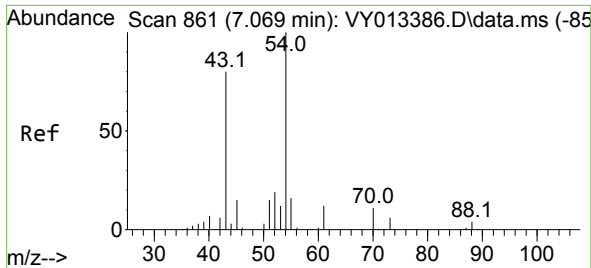
Tgt Ion:113 Resp: 108133
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 49.330 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 75 Resp: 170945
Ion Ratio Lower Upper
75 100
110 35.5 18.7 56.1
77 31.8 24.6 37.0

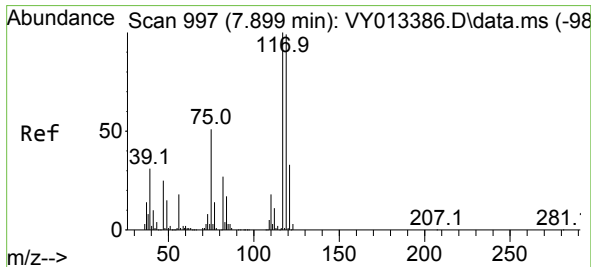
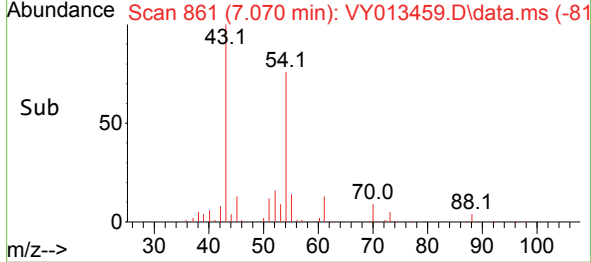
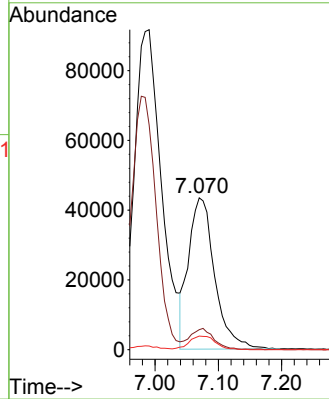
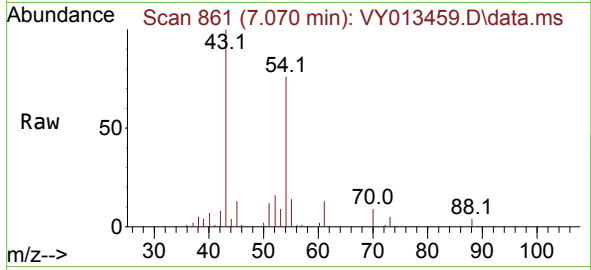




#37
Ethyl Acetate
Concen: 47.806 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

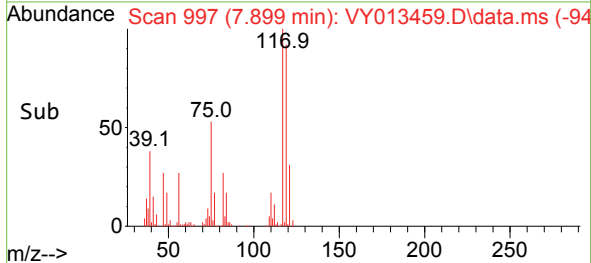
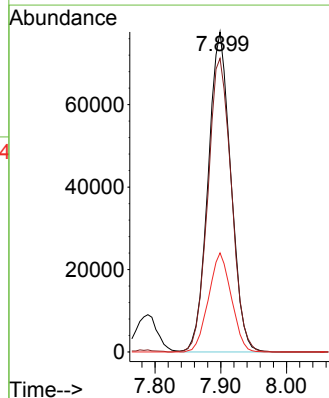
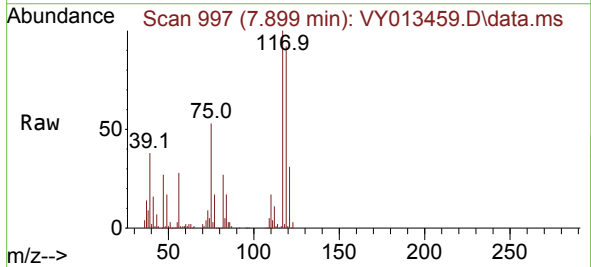
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

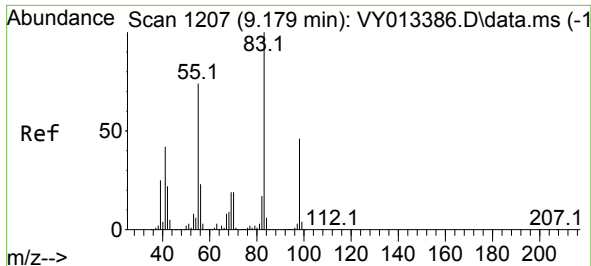
Tgt Ion: 43 Resp: 124668
Ion Ratio Lower Upper
43 100
61 12.5 11.4 17.0
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 51.418 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 117 Resp: 186755
Ion Ratio Lower Upper
117 100
119 91.8 79.0 118.6
121 31.0 26.6 40.0

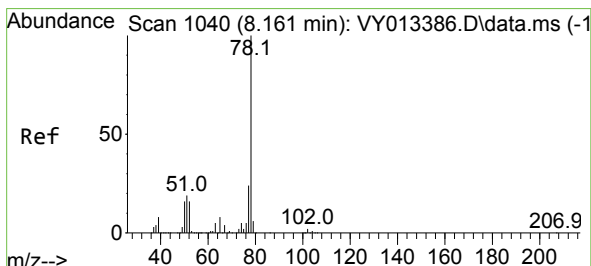
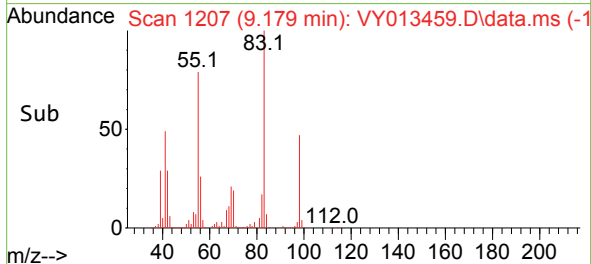
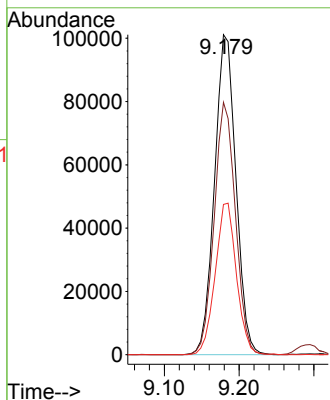
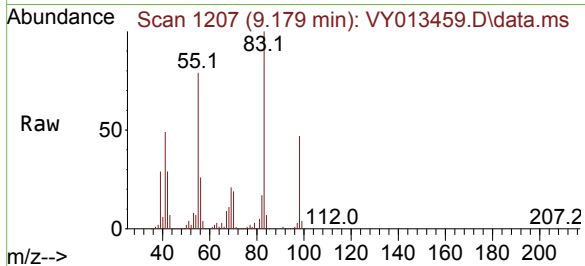




#39
Methylcyclohexane
Concen: 49.403 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

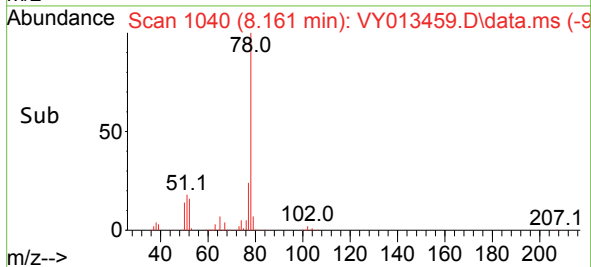
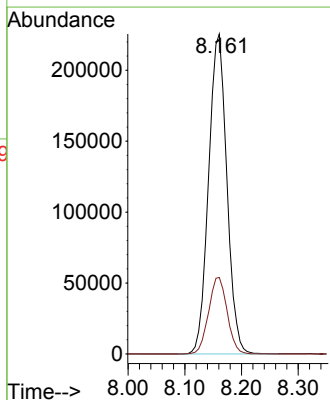
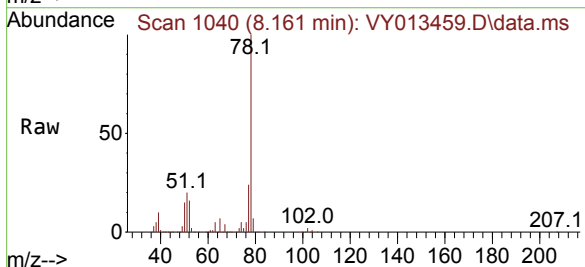
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

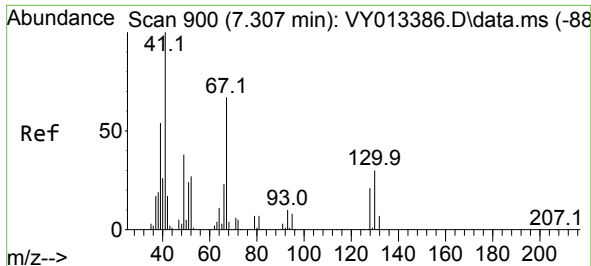
Tgt Ion: 83 Resp: 201827
Ion Ratio Lower Upper
83 100
55 78.9 59.0 88.4
98 46.9 37.0 55.4



#40
Benzene
Concen: 51.663 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 78 Resp: 504304
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



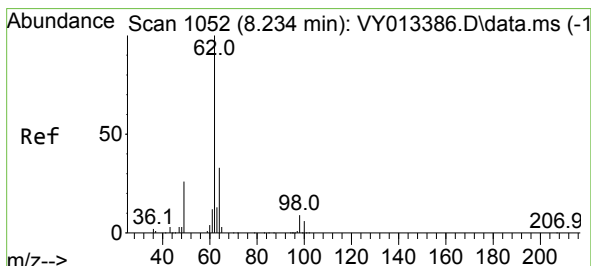
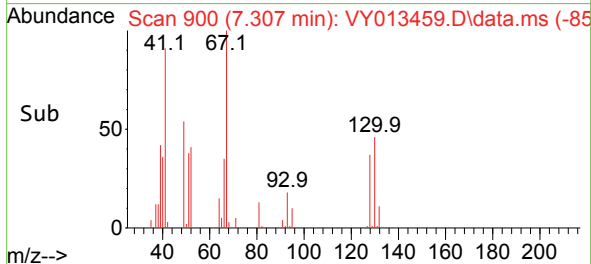
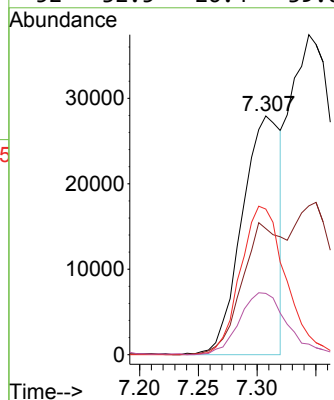
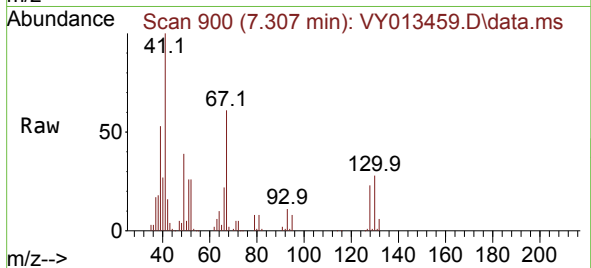


#41
Methacrylonitrile
Concen: 52.490 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 63787

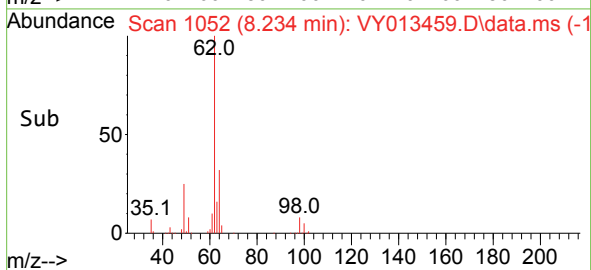
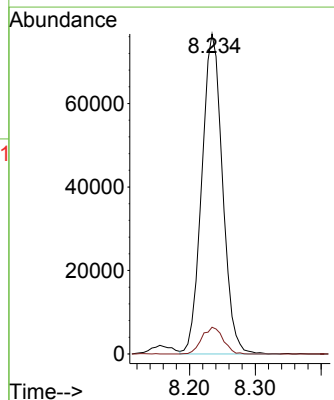
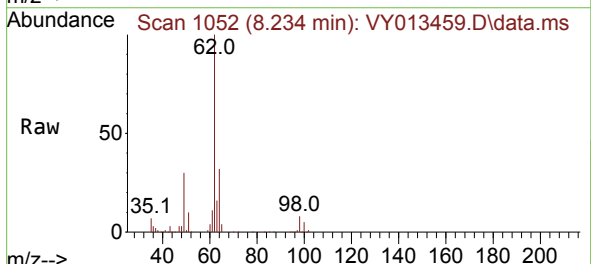
Ion	Ratio	Lower	Upper
41	100		
39	61.3	44.2	66.4
67	73.4	62.9	94.3
52	32.5	26.4	39.6

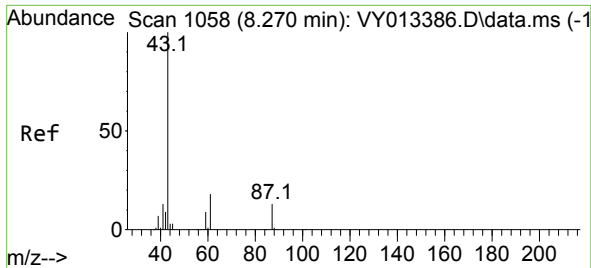


#42
1,2-Dichloroethane
Concen: 52.665 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 62 Resp: 168073

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8

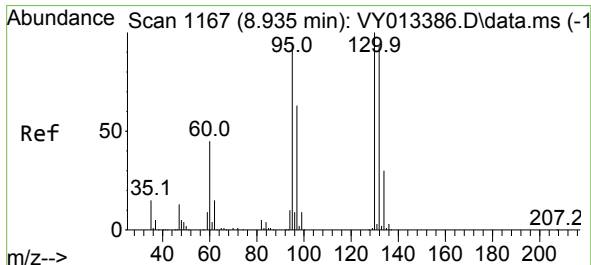
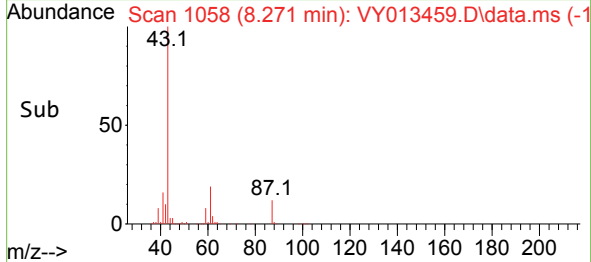
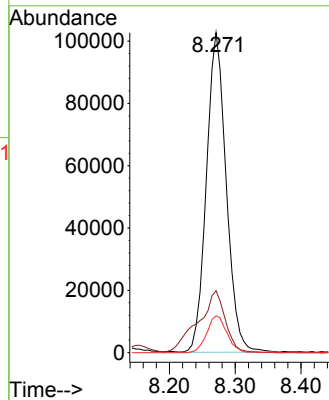
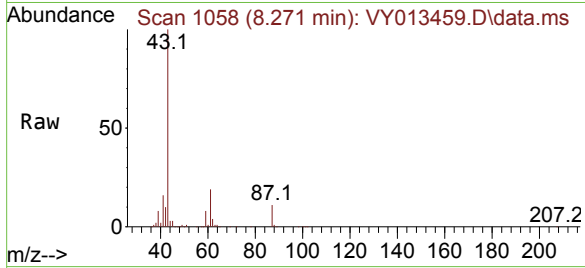




#43
Isopropyl Acetate
Concen: 48.847 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

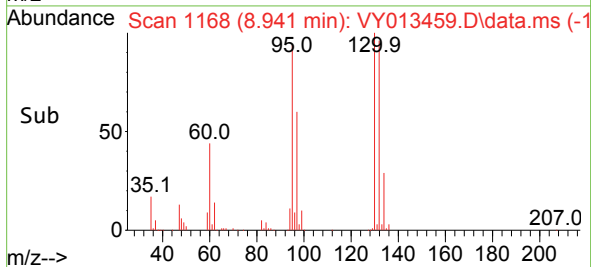
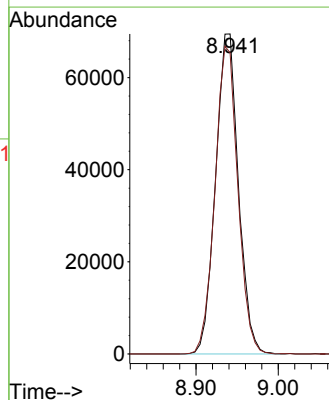
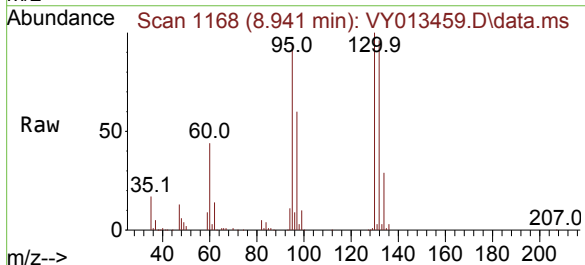
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

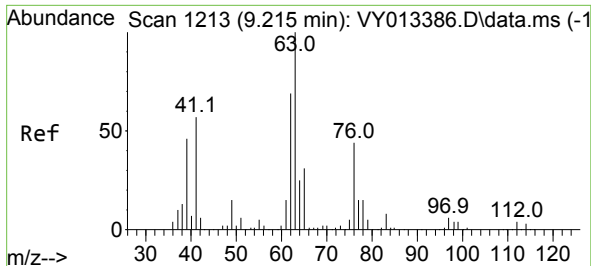
Tgt Ion: 43 Resp: 215009
Ion Ratio Lower Upper
43 100
61 26.7 22.2 33.4
87 11.8 11.0 16.6



#44
Trichloroethene
Concen: 51.797 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion:130 Resp: 134495
Ion Ratio Lower Upper
130 100
95 94.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 51.121 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

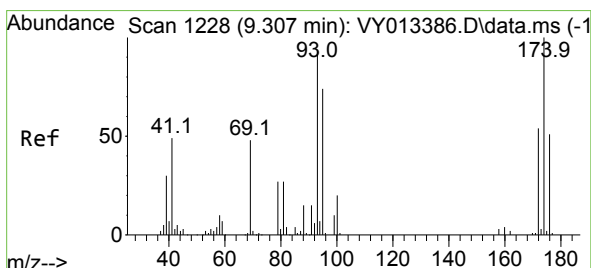
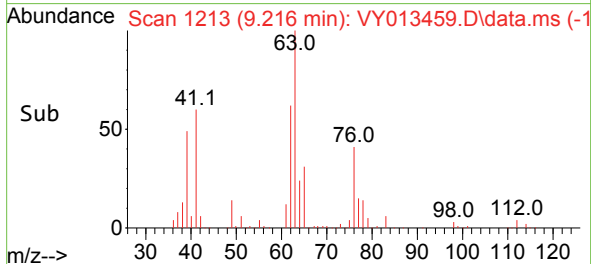
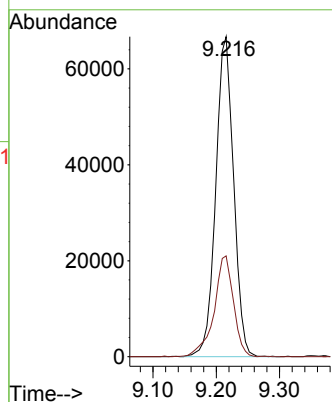
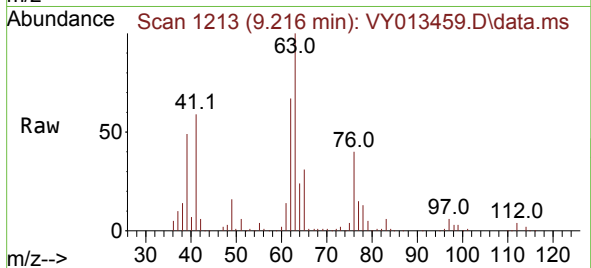
VSTDCCC050EC

Tgt Ion: 63 Resp: 130476

Ion Ratio Lower Upper

63 100

65 31.5 24.6 37.0



#46

Dibromomethane

Concen: 52.364 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

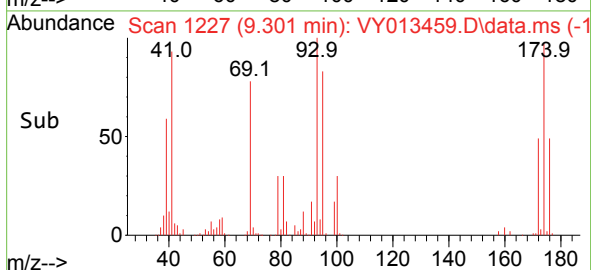
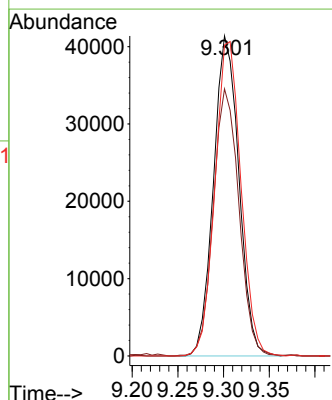
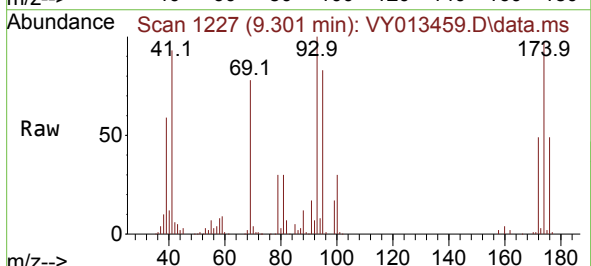
Tgt Ion: 93 Resp: 79967

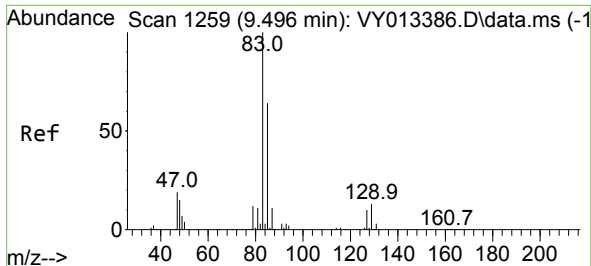
Ion Ratio Lower Upper

93 100

95 84.3 67.1 100.7

174 100.8 87.0 130.4

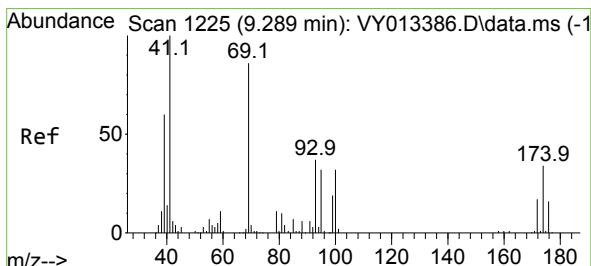
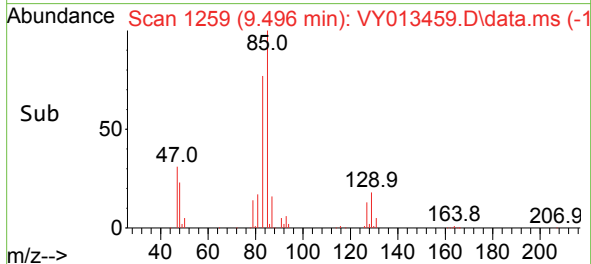
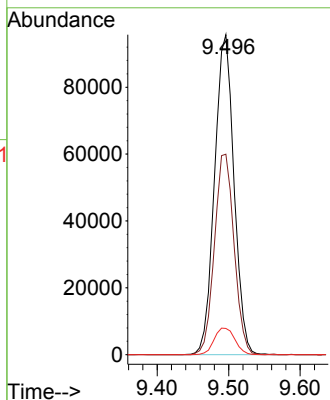
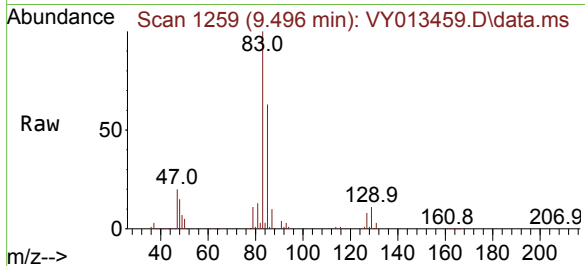




#47
Bromodichloromethane
Concen: 52.904 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

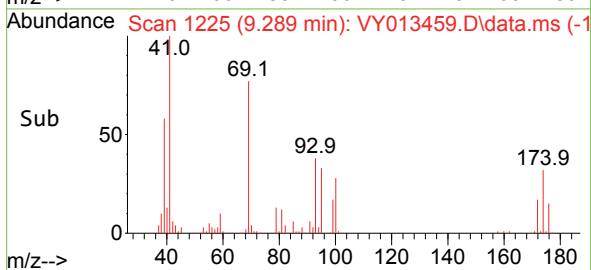
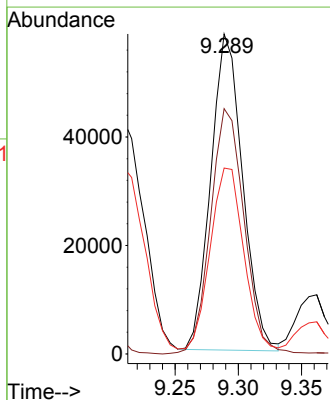
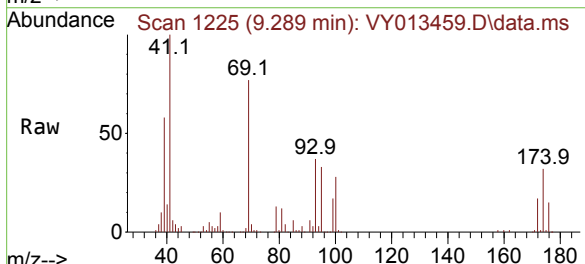
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

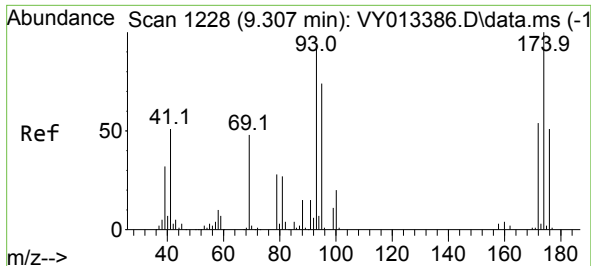
Tgt Ion: 83 Resp: 180782
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.2
127 8.2 8.1 12.1



#48
Methyl methacrylate
Concen: 50.528 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 41 Resp: 102145
Ion Ratio Lower Upper
41 100
69 82.0 70.2 105.4
39 63.2 47.9 71.9





#49

1,4-Dioxane

Concen: 1047.929 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

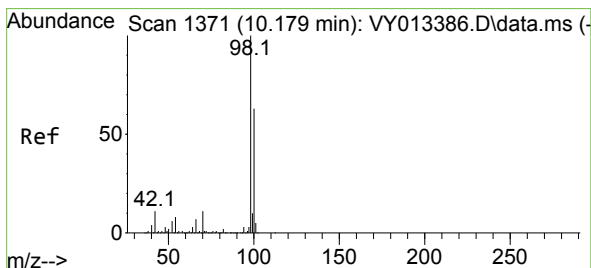
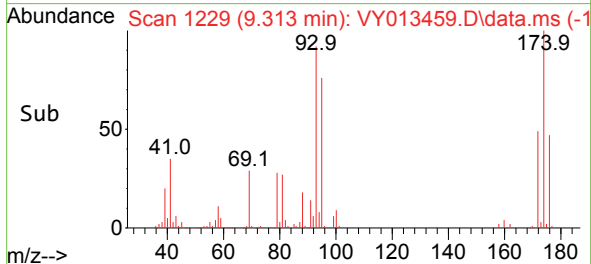
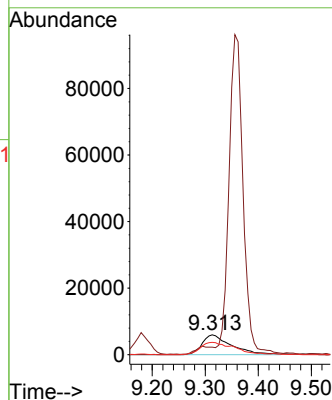
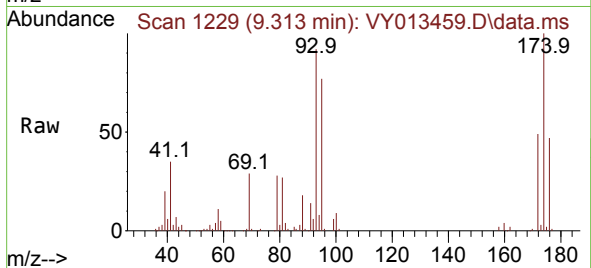
Tgt Ion: 88 Resp: 22856

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 72.0 54.3 81.5



#50

Toluene-d8

Concen: 50.165 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013459.D

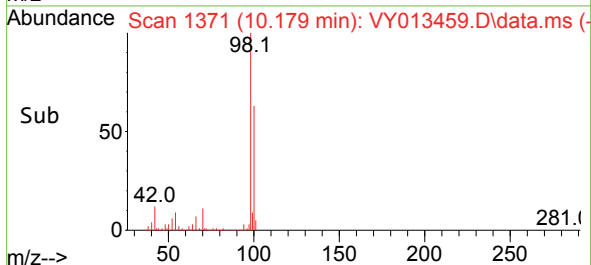
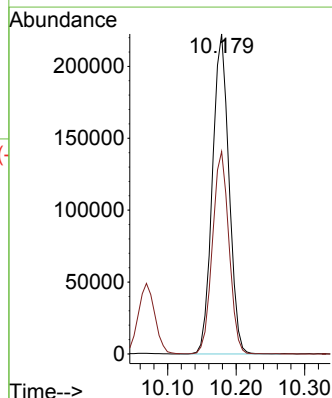
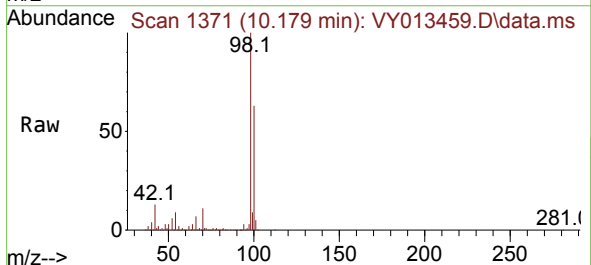
Acq: 25 Apr 2023 20:09

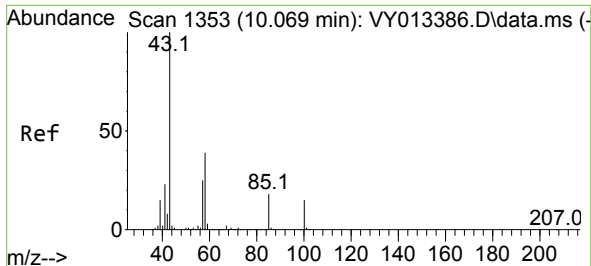
Tgt Ion: 98 Resp: 372622

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

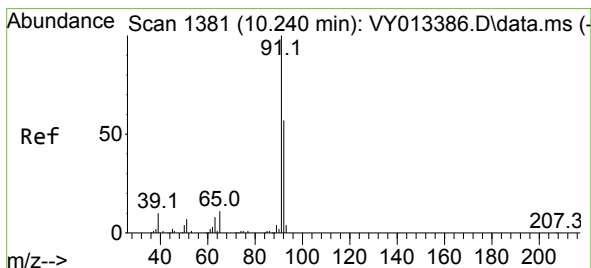
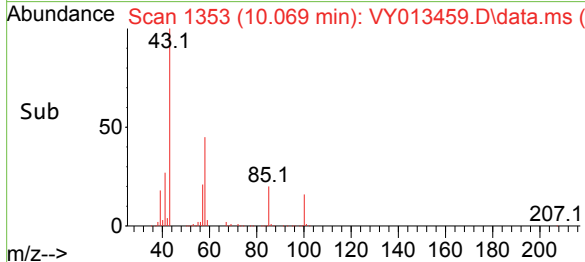
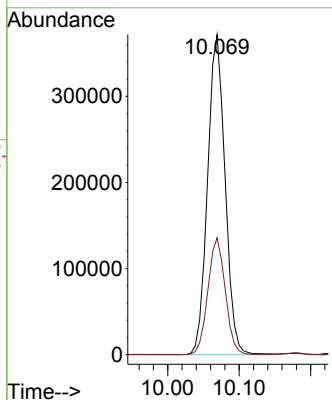
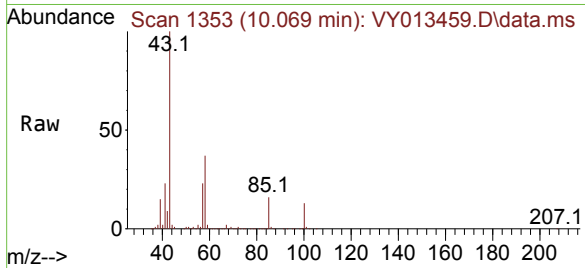




#51
4-Methyl-2-Pentanone
Concen: 257.401 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

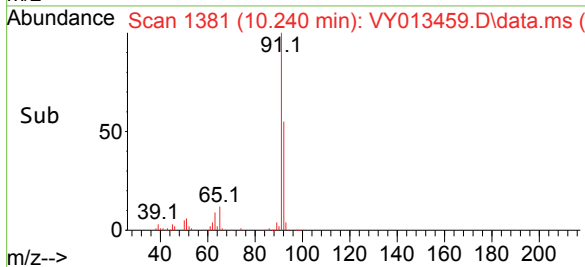
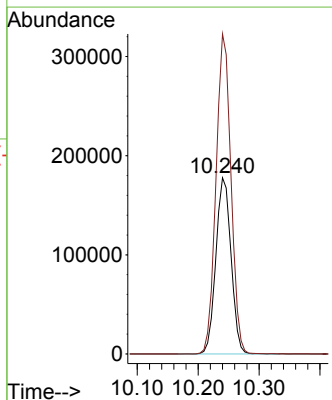
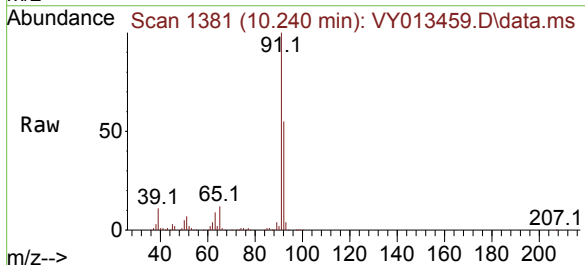
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

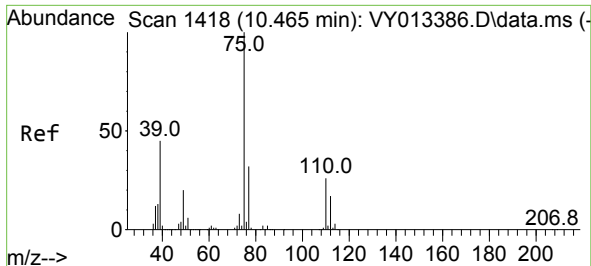
Tgt Ion: 43 Resp: 631360
Ion Ratio Lower Upper
43 100
58 36.3 30.6 46.0



#52
Toluene
Concen: 52.220 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 92 Resp: 306750
Ion Ratio Lower Upper
92 100
91 179.1 140.2 210.4

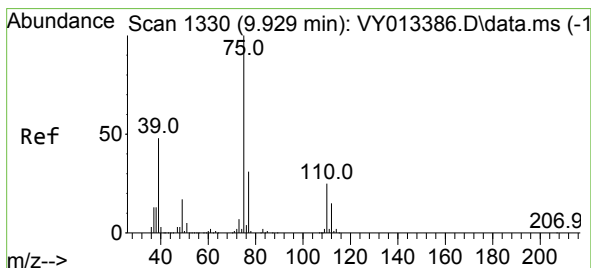
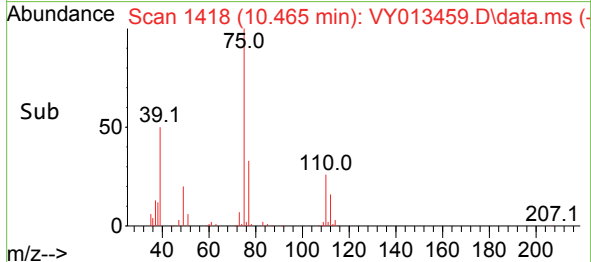
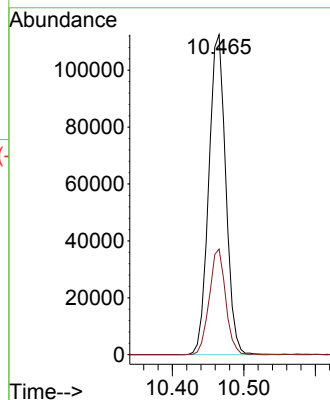
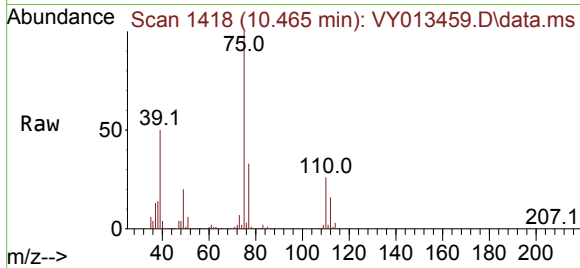




#53
t-1,3-Dichloropropene
Concen: 51.294 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

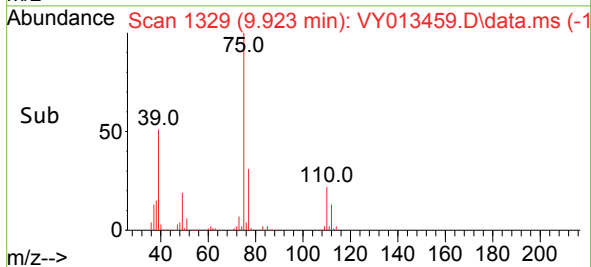
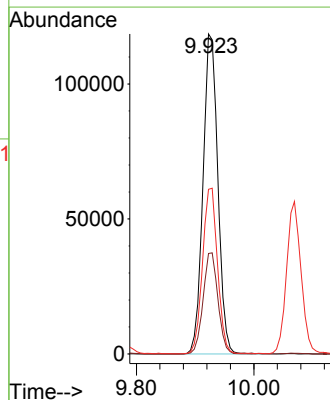
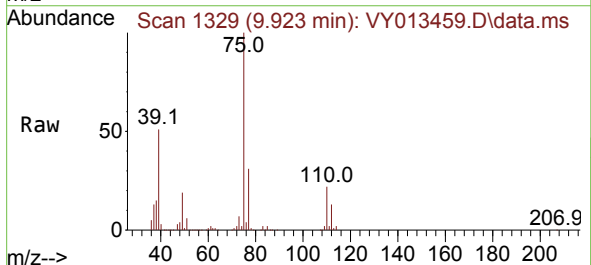
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

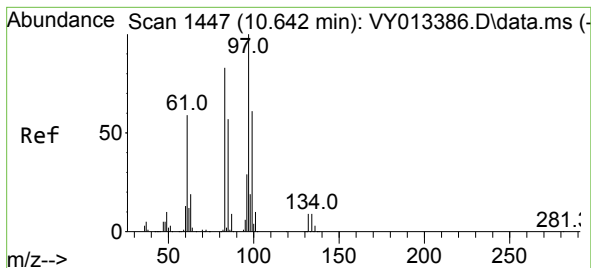
Tgt Ion: 75 Resp: 185505
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.191 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 75 Resp: 208319
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 51.4 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 54.393 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 110002

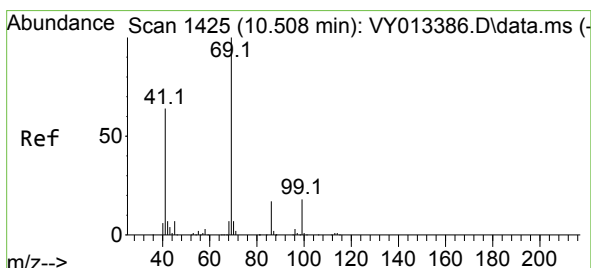
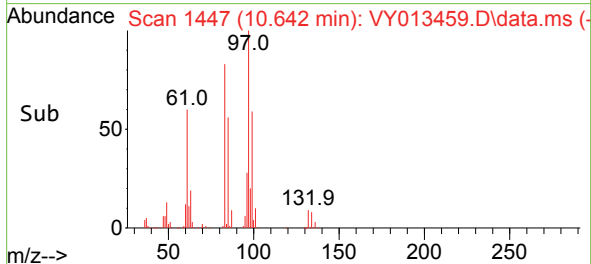
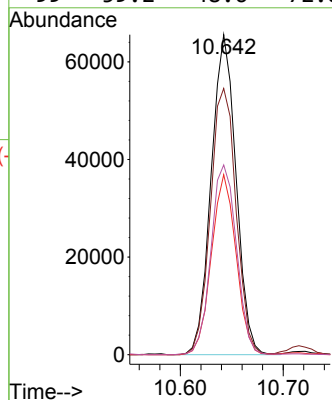
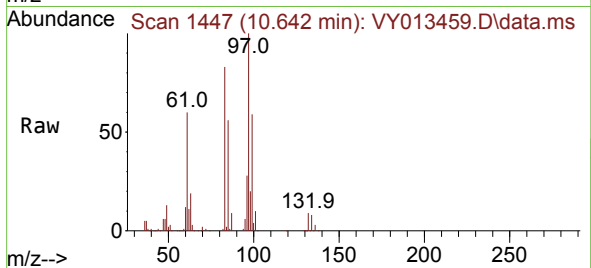
Ion Ratio Lower Upper

97 100

83 83.1 66.4 99.6

85 56.2 45.6 68.4

99 59.2 48.6 72.8



#56

Ethyl methacrylate

Concen: 53.399 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

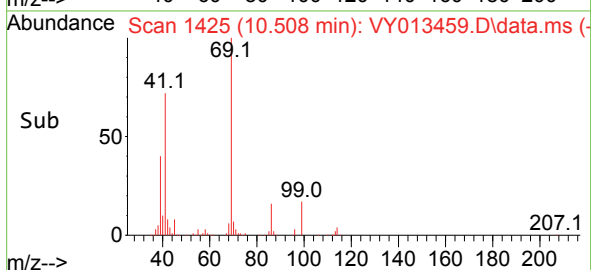
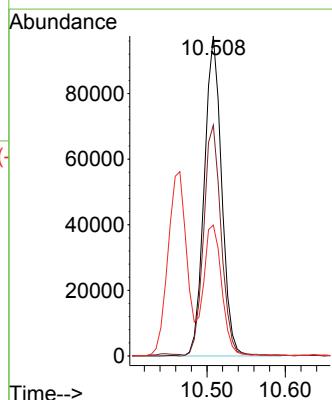
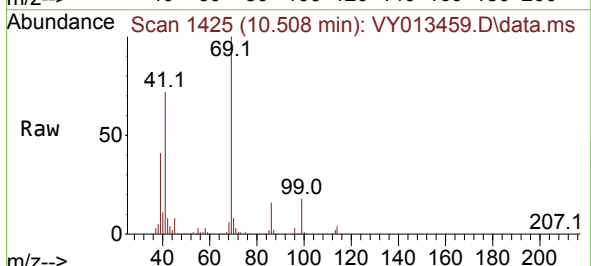
Tgt Ion: 69 Resp: 149823

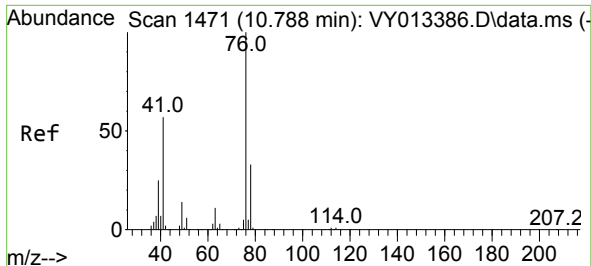
Ion Ratio Lower Upper

69 100

41 72.7 51.4 77.0

39 42.5 29.0 43.6





#57

1,3-Dichloropropane

Concen: 52.946 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

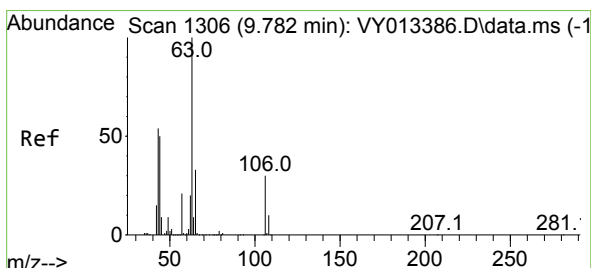
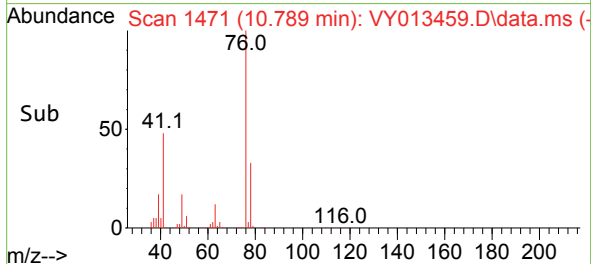
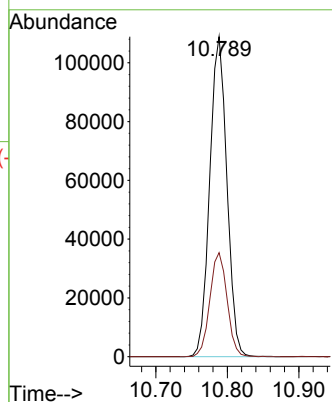
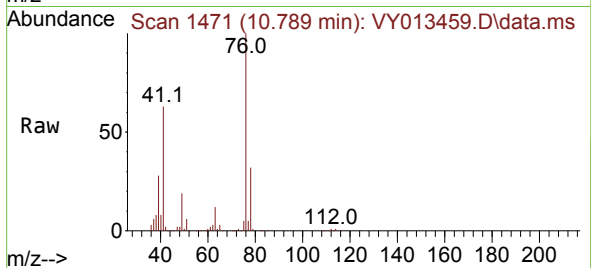
VSTDCCC050EC

Tgt Ion: 76 Resp: 181344

Ion Ratio Lower Upper

76 100

78 32.5 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 249.111 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013459.D

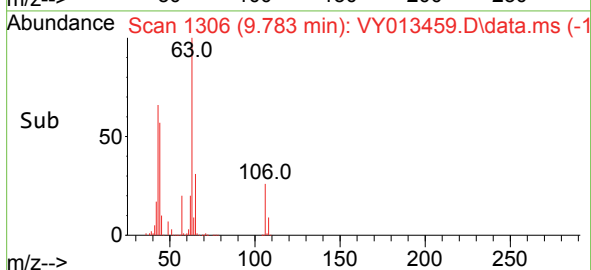
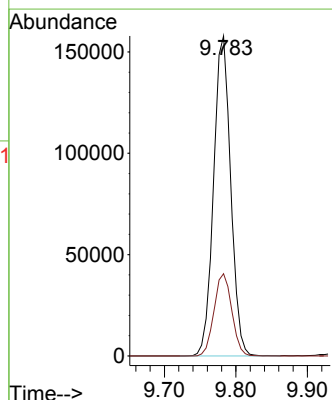
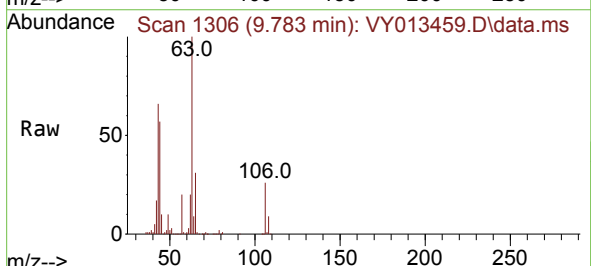
Acq: 25 Apr 2023 20:09

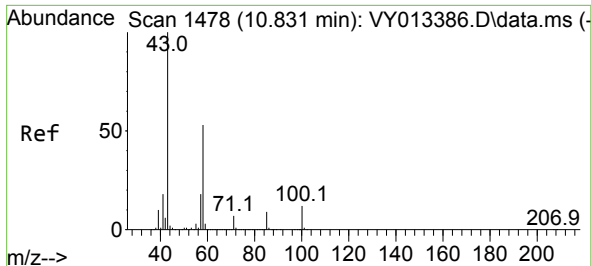
Tgt Ion: 63 Resp: 262091

Ion Ratio Lower Upper

63 100

106 26.6 23.5 35.3

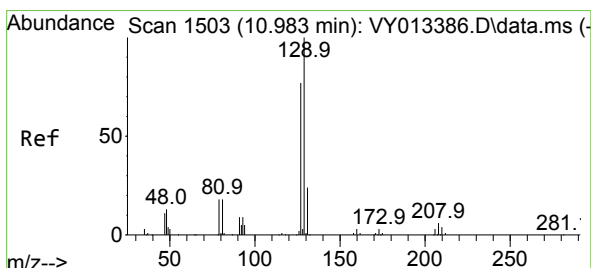
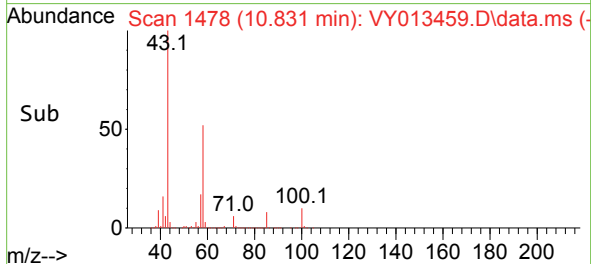
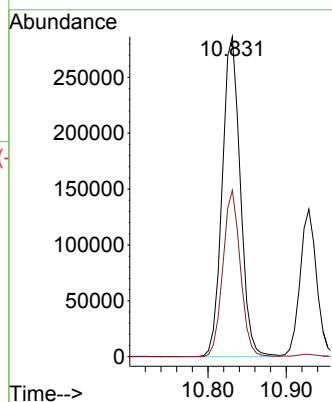
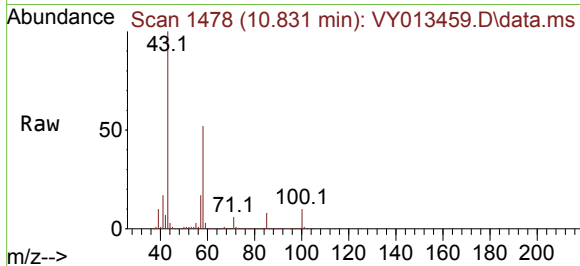




#59
2-Hexanone
Concen: 257.872 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

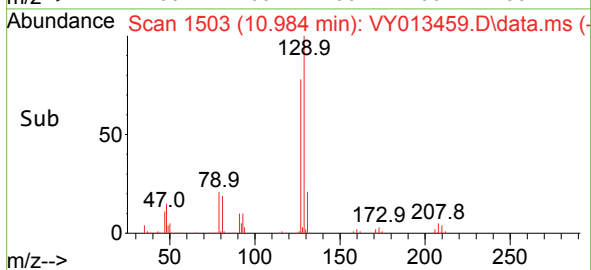
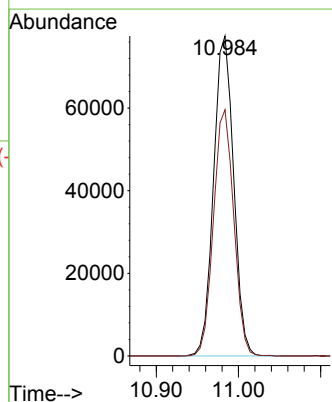
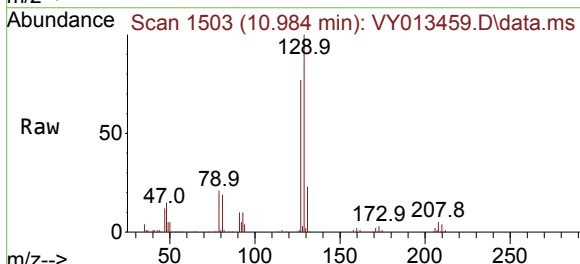
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

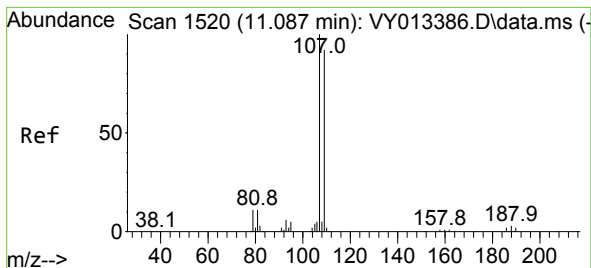
Tgt Ion: 43 Resp: 459788
Ion Ratio Lower Upper
43 100
58 50.4 26.3 78.8



#60
Dibromochloromethane
Concen: 53.434 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 129 Resp: 131213
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 52.593 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

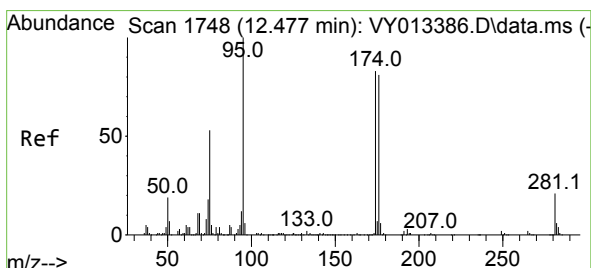
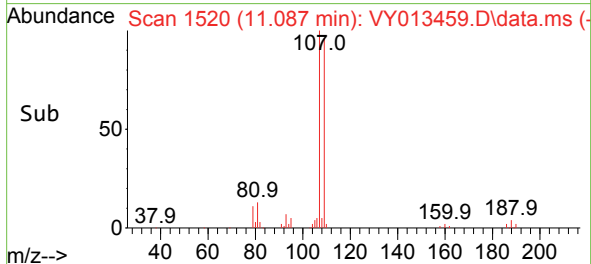
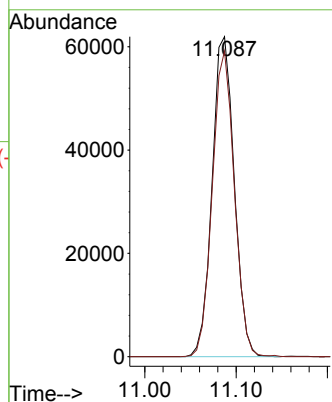
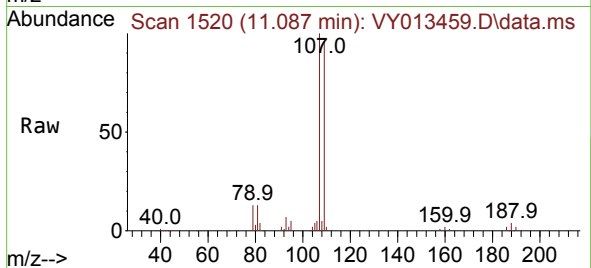
VSTDCCC050EC

Tgt Ion:107 Resp: 104571

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.410 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

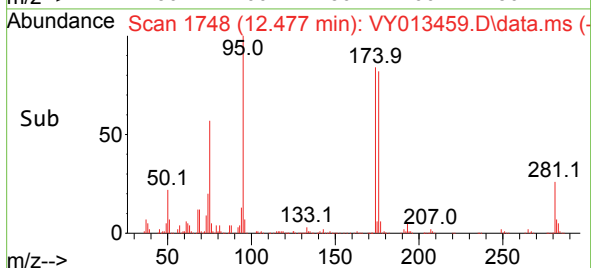
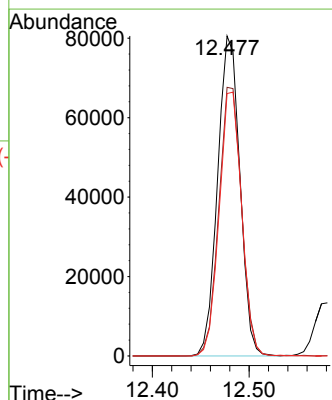
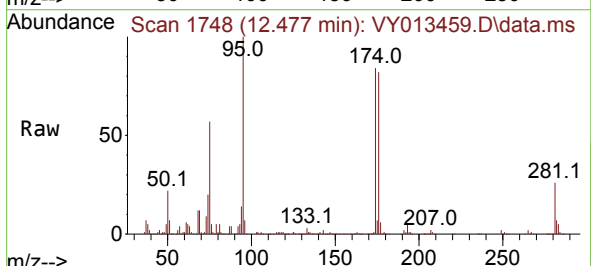
Tgt Ion: 95 Resp: 128737

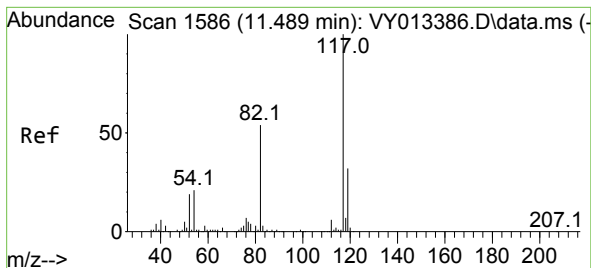
Ion Ratio Lower Upper

95 100

174 85.5 0.0 182.0

176 83.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

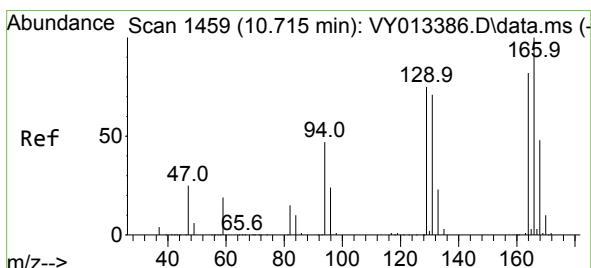
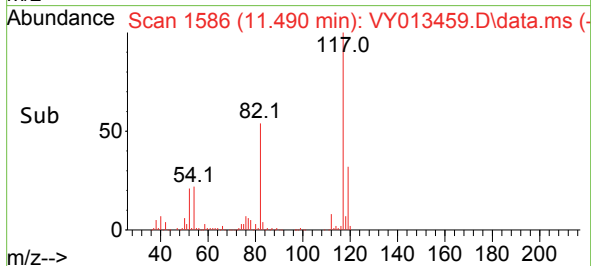
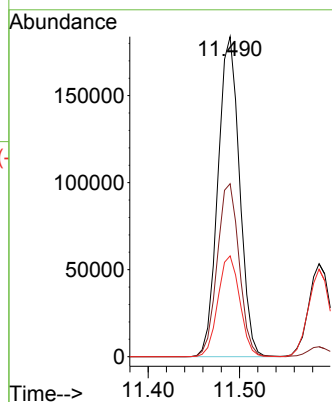
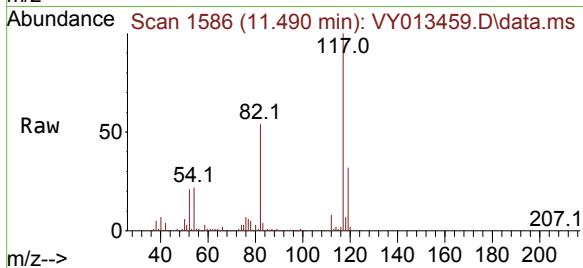
Tgt Ion:117 Resp: 301613

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.6

119 31.5 25.5 38.3



#64

Tetrachloroethene

Concen: 51.595 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Tgt Ion:164 Resp: 118333

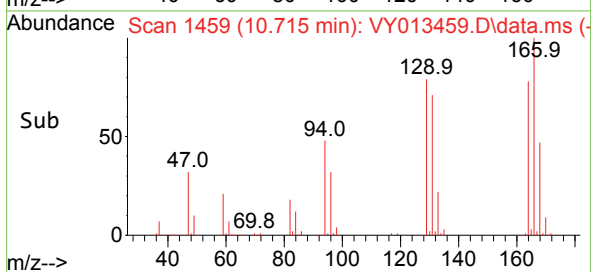
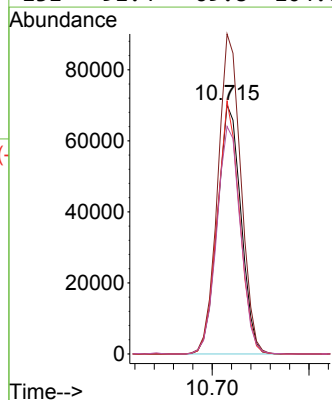
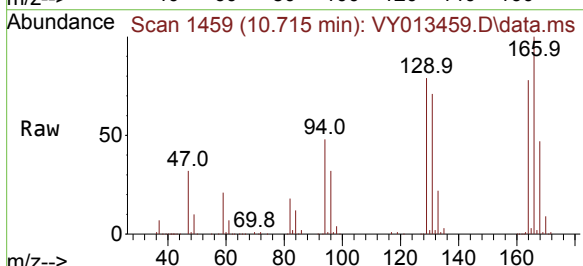
Ion Ratio Lower Upper

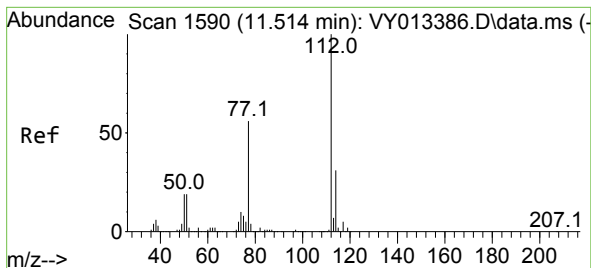
164 100

166 128.5 97.5 146.3

129 101.5 72.6 109.0

131 91.4 69.8 104.6

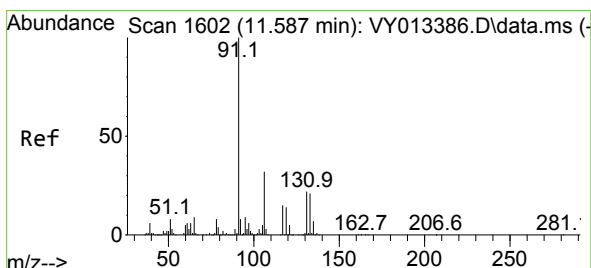
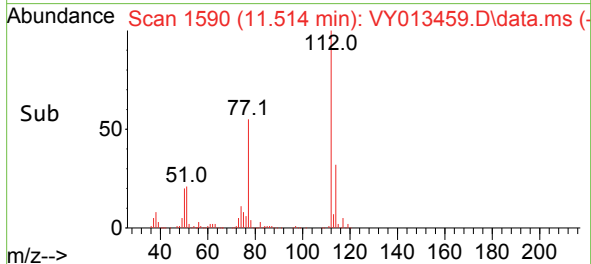
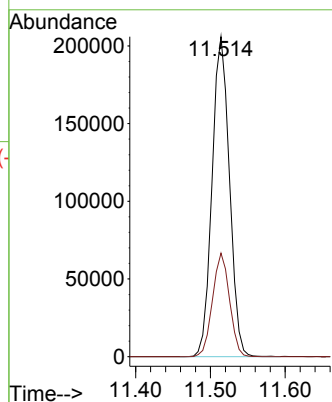
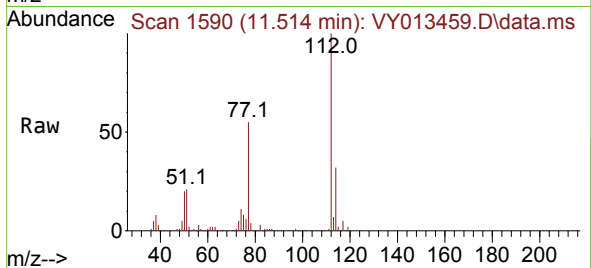




#65
Chlorobenzene
Concen: 50.792 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

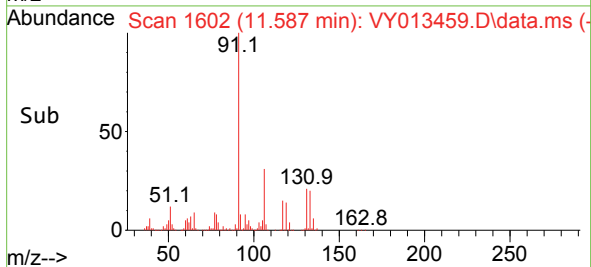
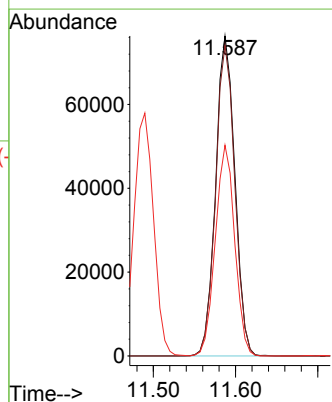
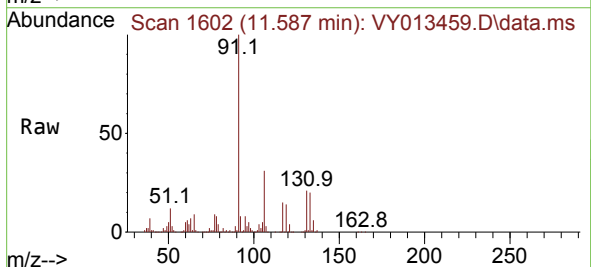
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

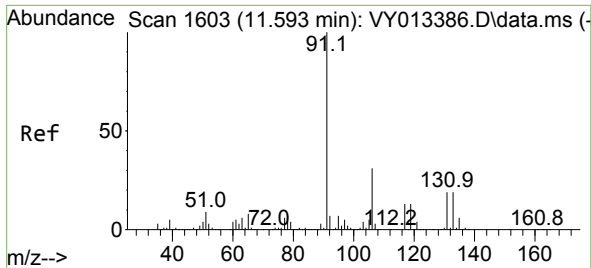
Tgt Ion:112 Resp: 333720
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.564 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion:131 Resp: 124248
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 50.767 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

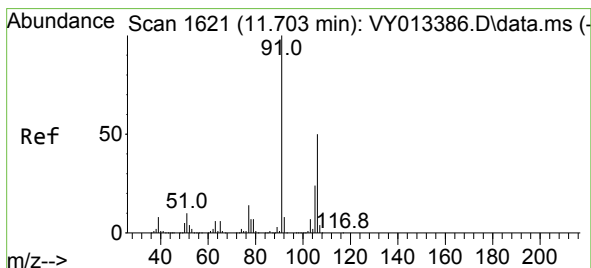
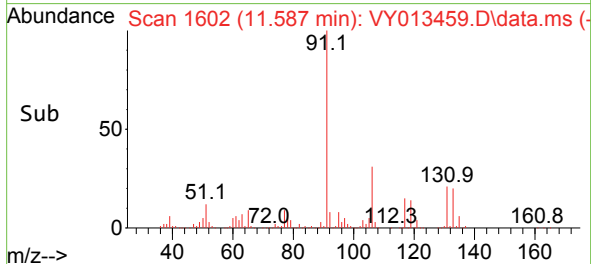
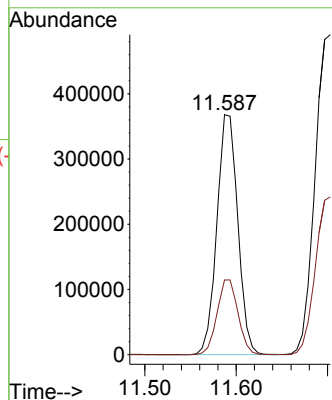
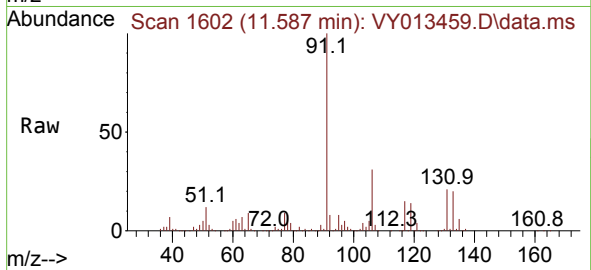
VSTDCCC050EC

Tgt Ion: 91 Resp: 585715

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



#68

m/p-Xylenes

Concen: 103.083 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013459.D

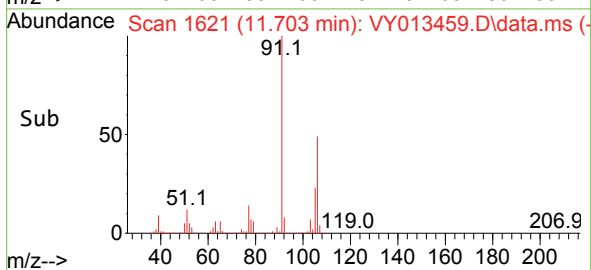
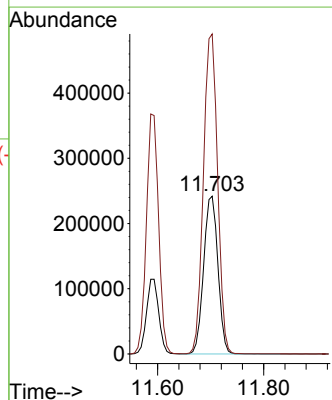
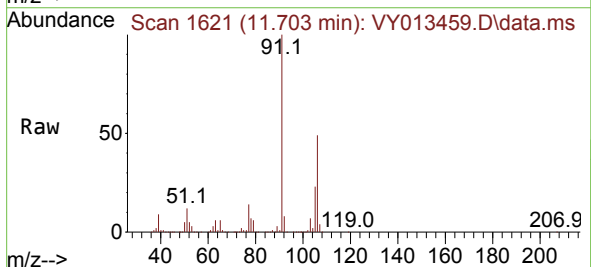
Acq: 25 Apr 2023 20:09

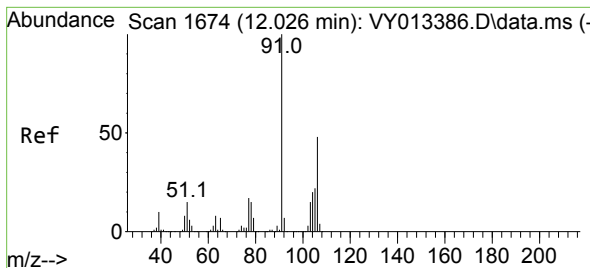
Tgt Ion:106 Resp: 452121

Ion Ratio Lower Upper

106 100

91 201.4 160.9 241.3





#69

o-Xylene

Concen: 51.040 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

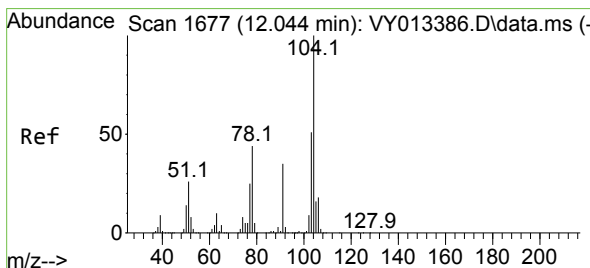
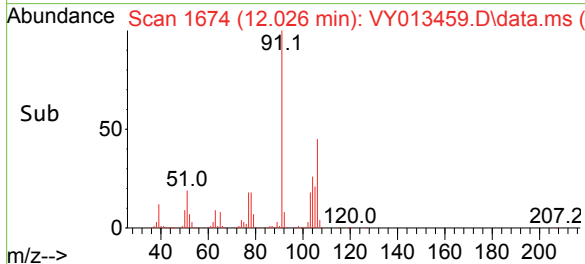
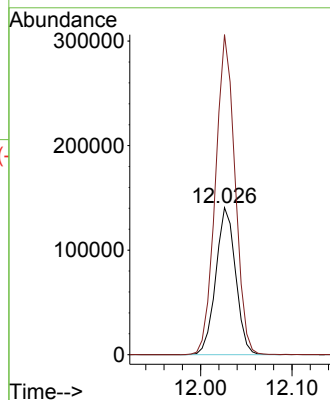
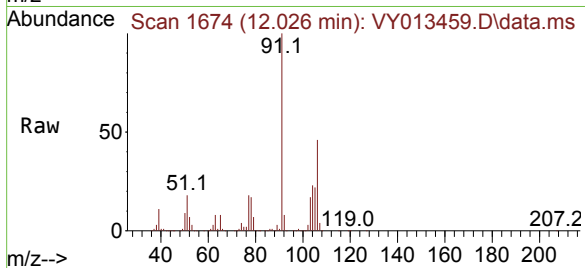
VSTDCCC050EC

Tgt Ion:106 Resp: 211716

Ion Ratio Lower Upper

106 100

91 215.5 105.5 316.4



#70

Styrene

Concen: 52.872 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

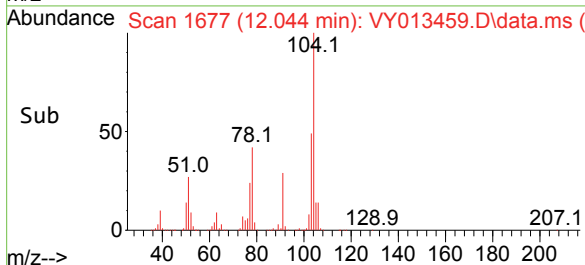
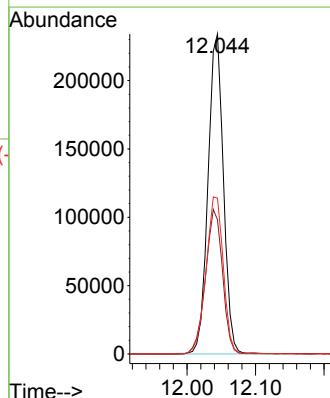
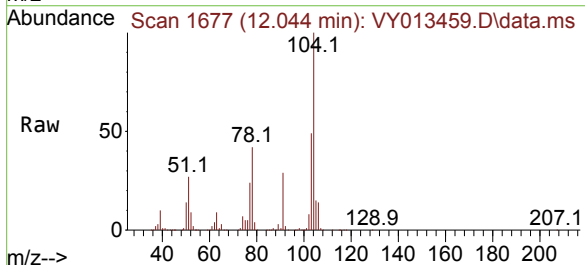
Tgt Ion:104 Resp: 366703

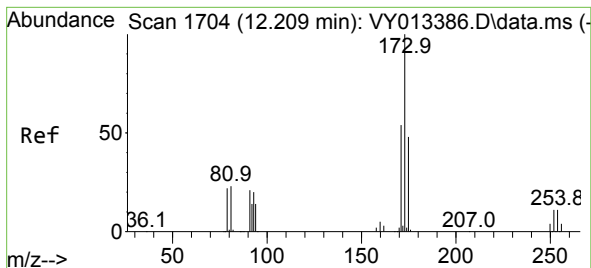
Ion Ratio Lower Upper

104 100

78 50.1 40.3 60.5

103 54.9 45.0 67.4





#71

Bromoform

Concen: 50.920 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

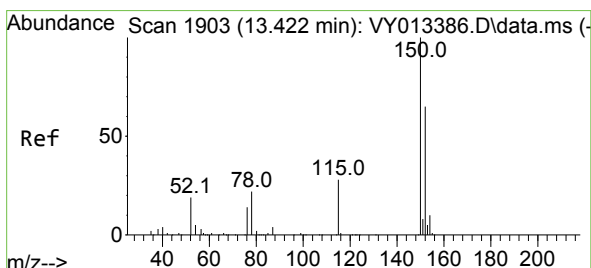
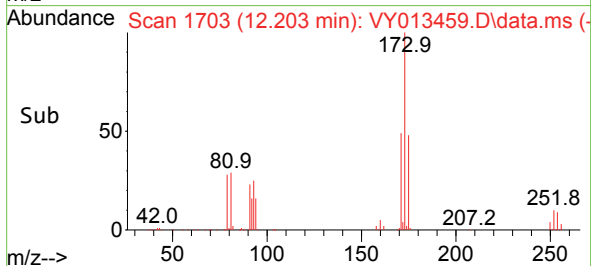
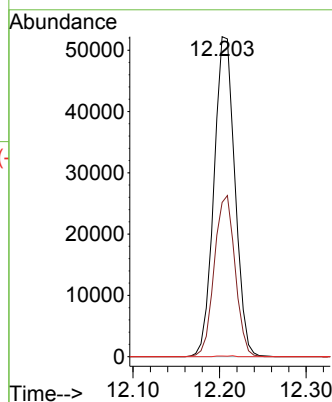
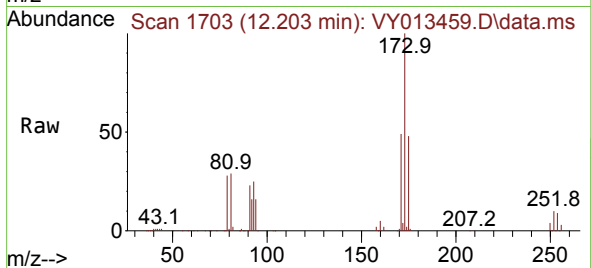
Tgt Ion:173 Resp: 87643

Ion Ratio Lower Upper

173 100

175 50.1 24.3 72.8

254 0.2 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: VY013459.D

Acq: 25 Apr 2023 20:09

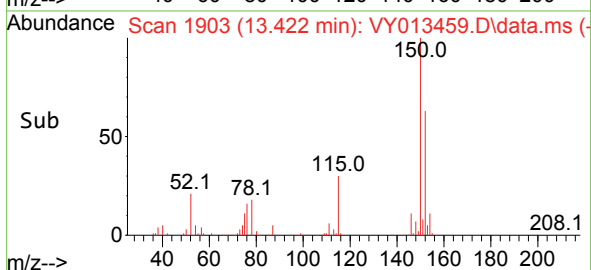
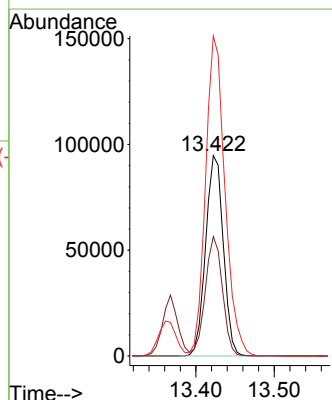
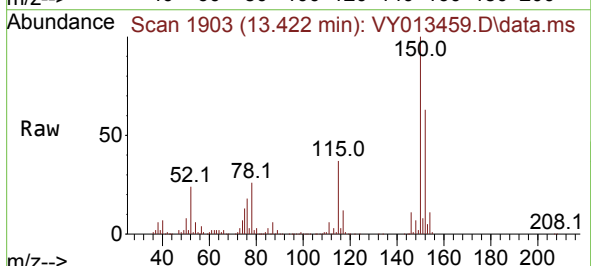
Tgt Ion:152 Resp: 148325

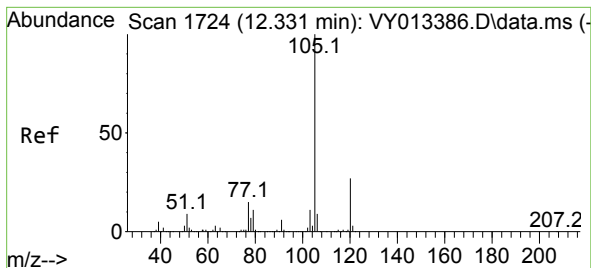
Ion Ratio Lower Upper

152 100

115 57.8 28.1 84.2

150 174.7 0.0 352.0





#73

Isopropylbenzene

Concen: 49.404 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

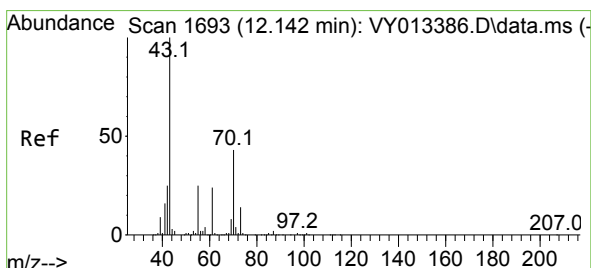
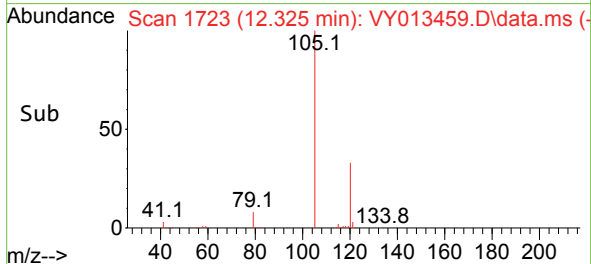
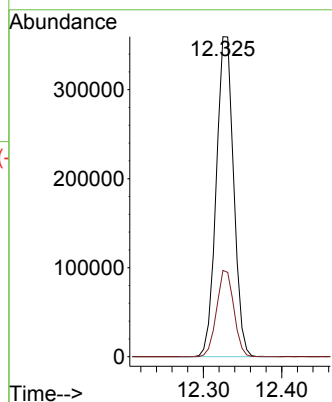
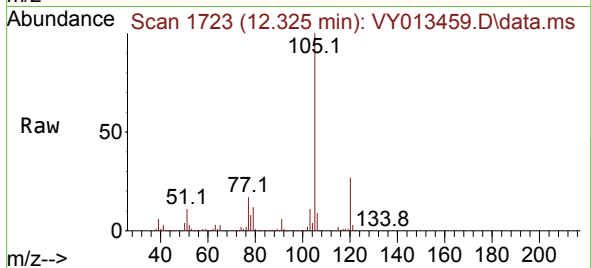
VSTDCCC050EC

Tgt Ion:105 Resp: 554255

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.0



#74

N-ethyl acetate

Concen: 49.622 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Tgt Ion: 43 Resp: 198105

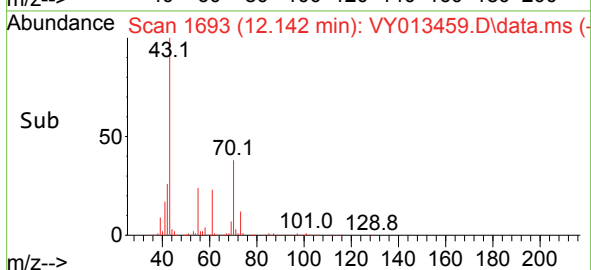
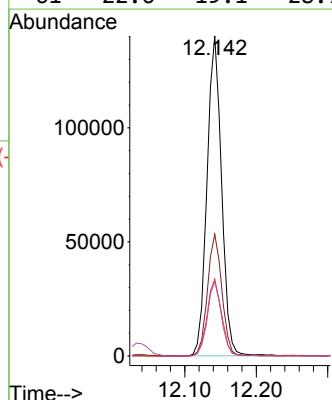
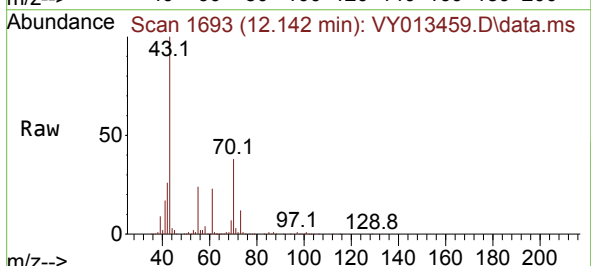
Ion Ratio Lower Upper

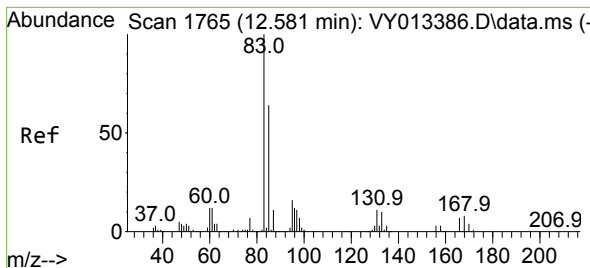
43 100

70 37.8 33.0 49.4

55 23.9 19.8 29.6

61 22.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.067 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

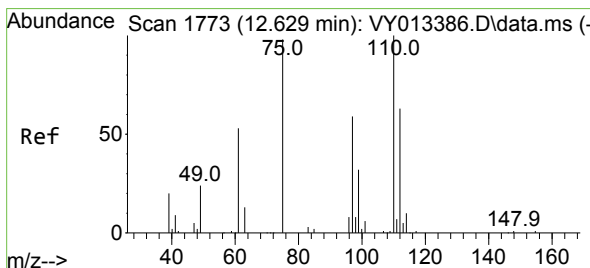
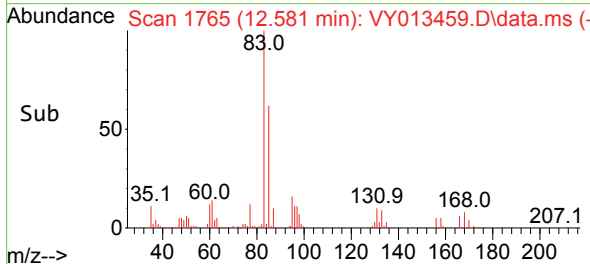
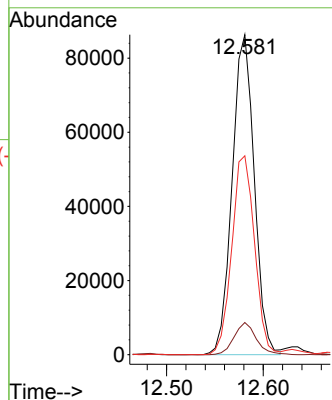
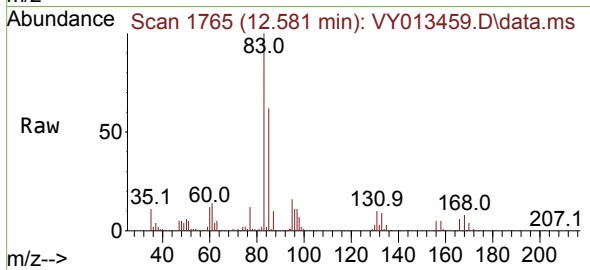
Tgt Ion: 83 Resp: 137293

Ion Ratio Lower Upper

83 100

131 10.1 5.7 17.0

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.785 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013459.D

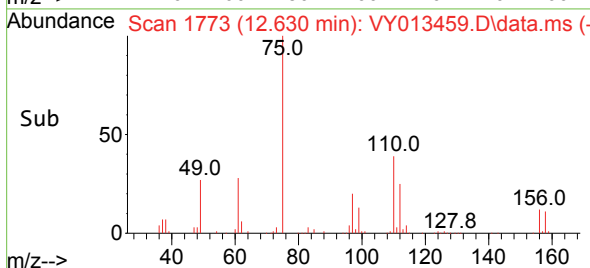
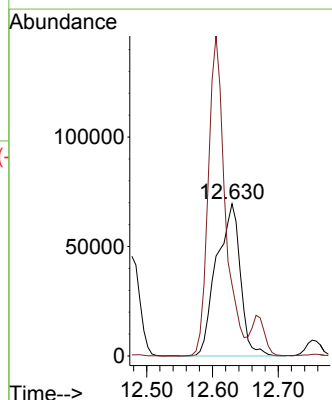
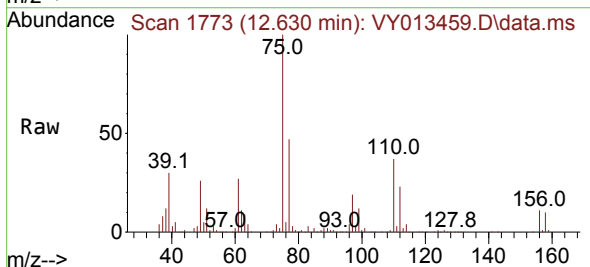
Acq: 25 Apr 2023 20:09

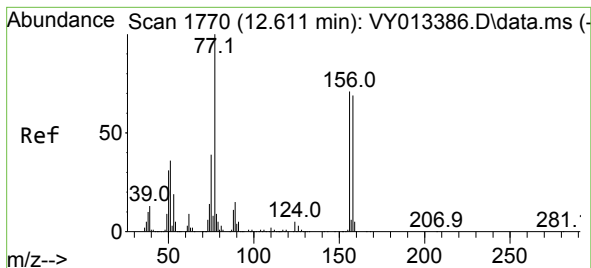
Tgt Ion: 75 Resp: 175600

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.792 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

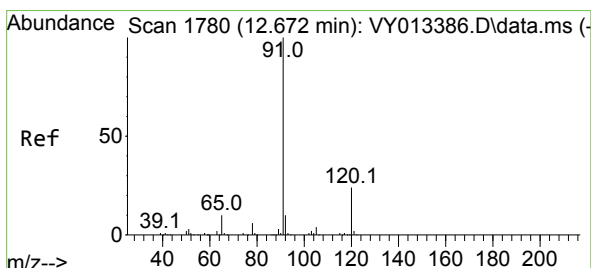
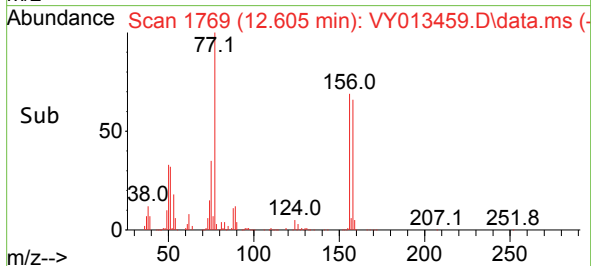
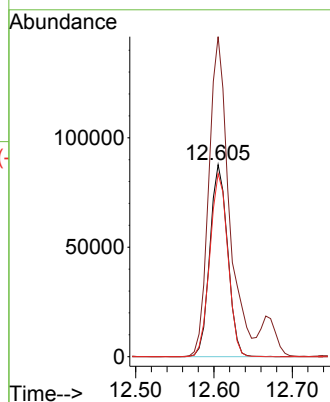
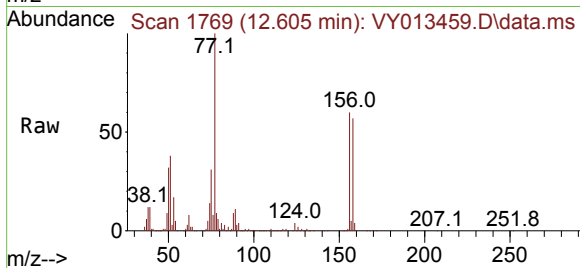
Tgt Ion:156 Resp: 138070

Ion Ratio Lower Upper

156 100

77 189.4 87.6 262.9

158 97.0 48.5 145.5



#78

n-propylbenzene

Concen: 50.175 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013459.D

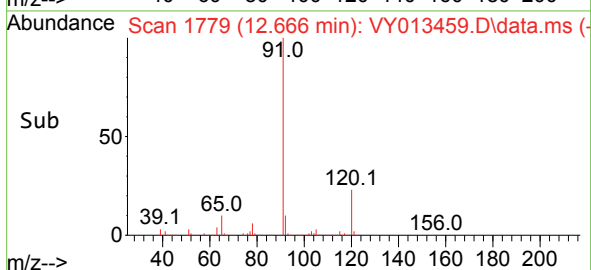
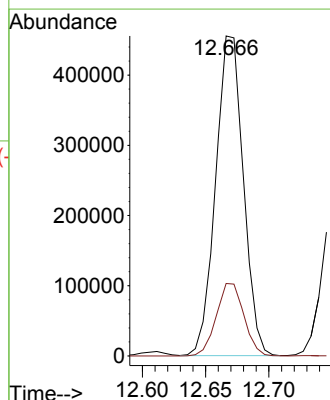
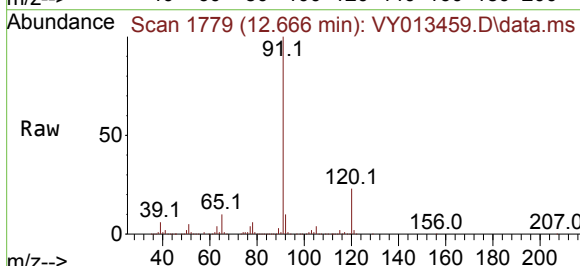
Acq: 25 Apr 2023 20:09

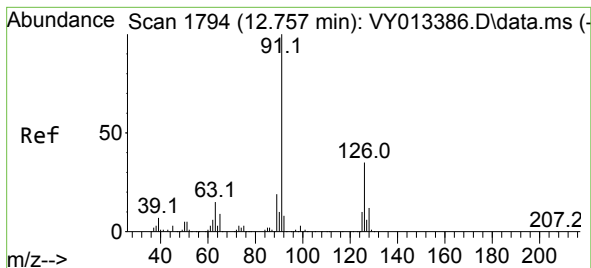
Tgt Ion: 91 Resp: 693343

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 50.053 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

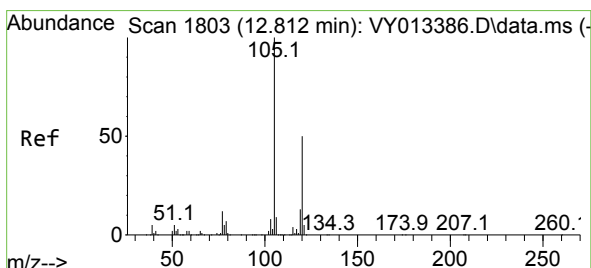
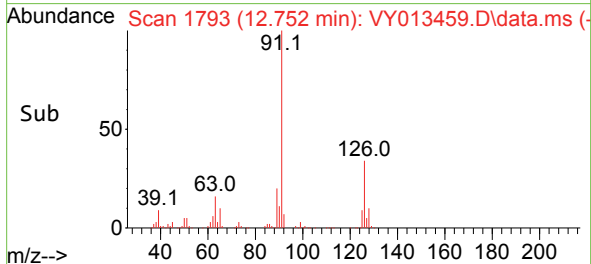
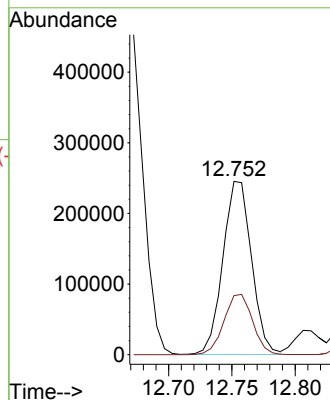
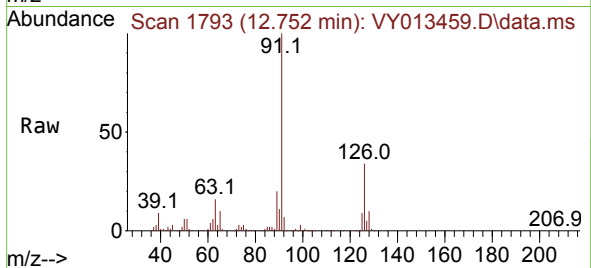
VSTDCCC050EC

Tgt Ion: 91 Resp: 386238

Ion Ratio Lower Upper

91 100

126 34.9 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 50.939 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013459.D

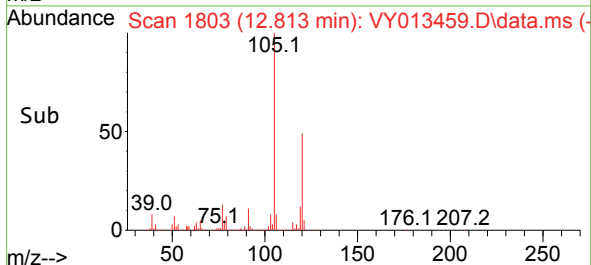
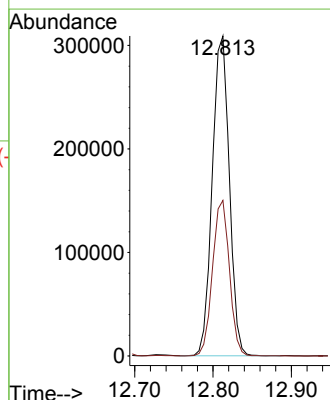
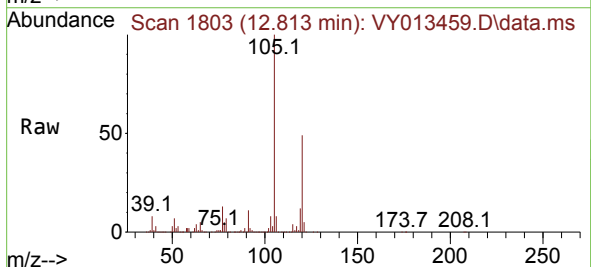
Acq: 25 Apr 2023 20:09

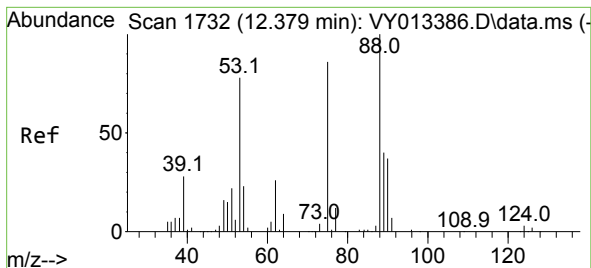
Tgt Ion: 105 Resp: 466438

Ion Ratio Lower Upper

105 100

120 48.2 24.7 74.1

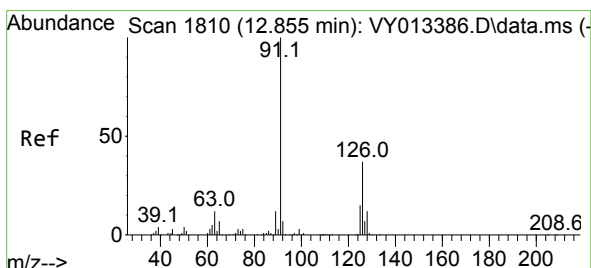
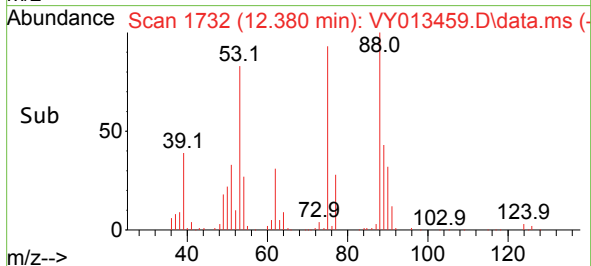
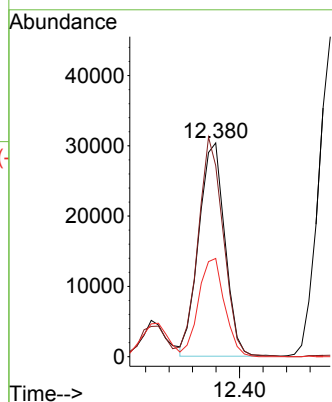
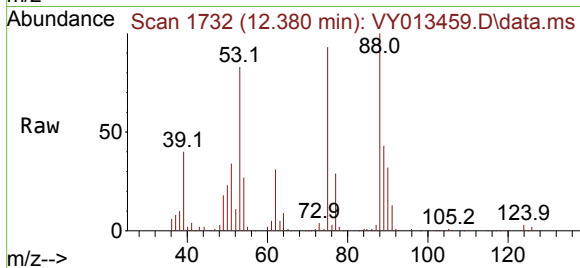




#81
trans-1,4-Dichloro-2-butene
Concen: 47.841 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

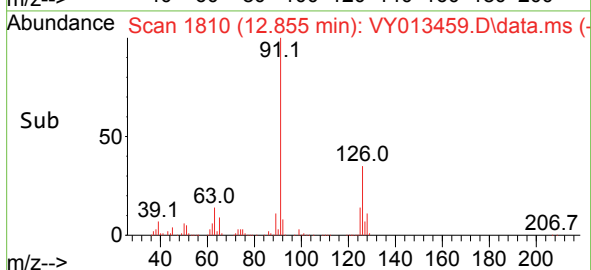
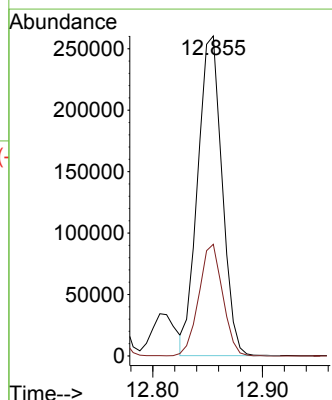
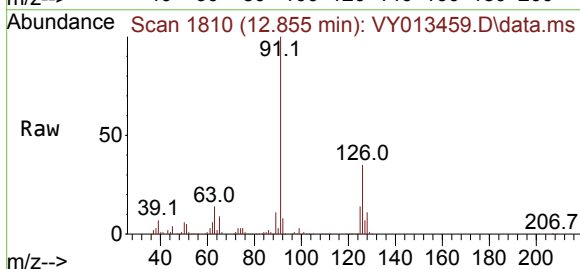
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

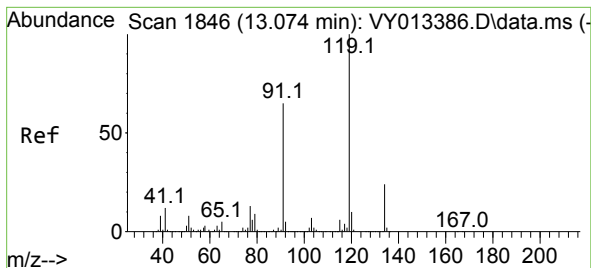
Tgt Ion: 75 Resp: 46784
Ion Ratio Lower Upper
75 100
53 100.2 73.2 109.8
89 46.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.936 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013459.D
Acq: 25 Apr 2023 20:09

Tgt Ion: 91 Resp: 401634
Ion Ratio Lower Upper
91 100
126 34.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 50.042 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

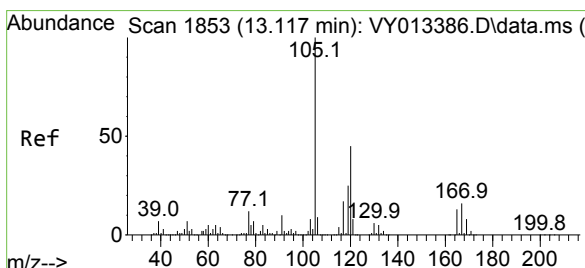
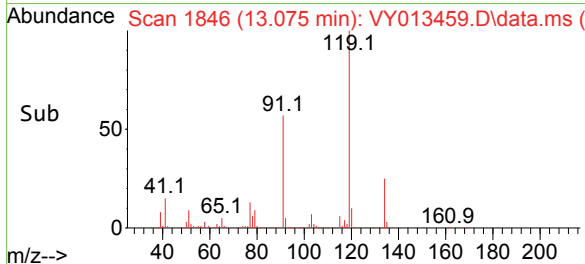
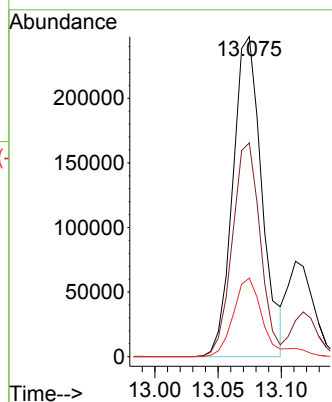
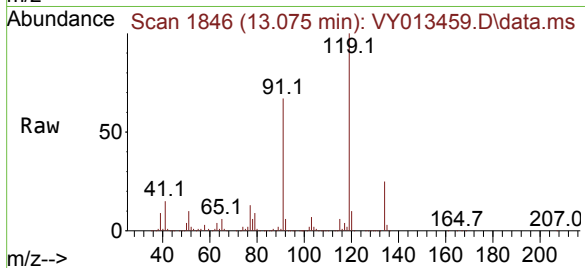
Tgt Ion:119 Resp: 396983

Ion Ratio Lower Upper

119 100

91 64.2 32.2 96.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.805 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013459.D

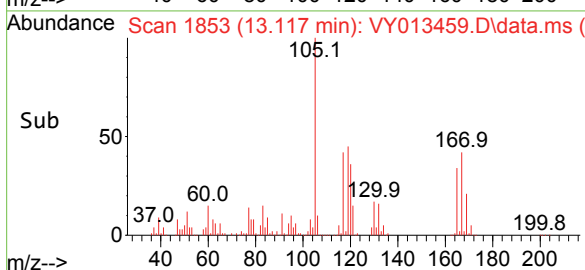
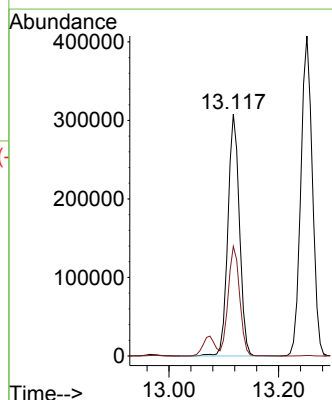
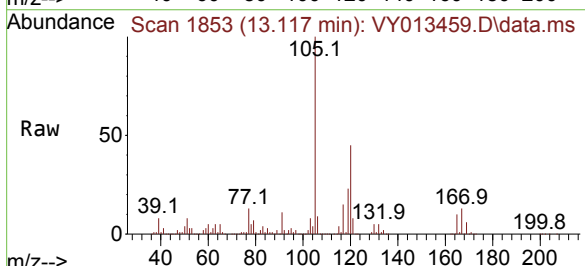
Acq: 25 Apr 2023 20:09

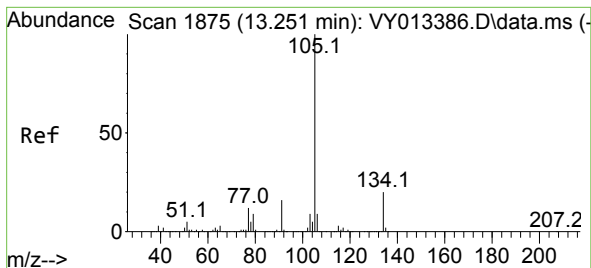
Tgt Ion:105 Resp: 452288

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.502 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

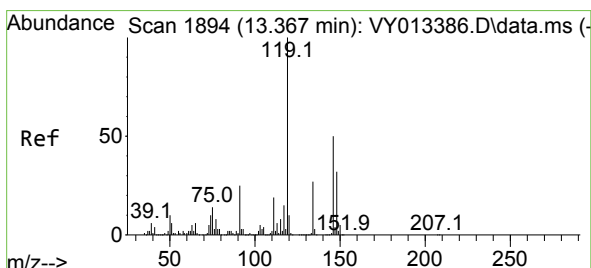
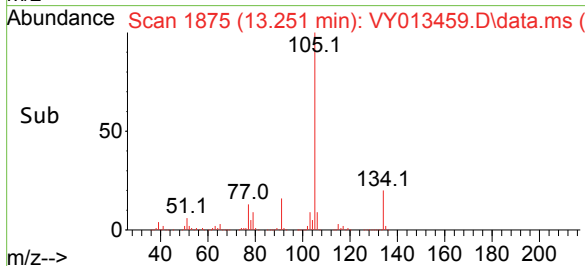
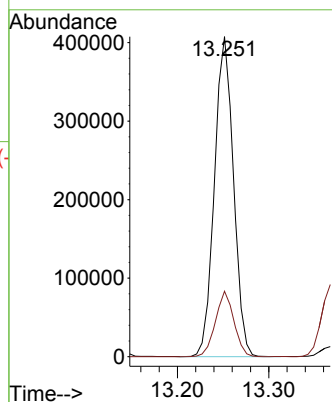
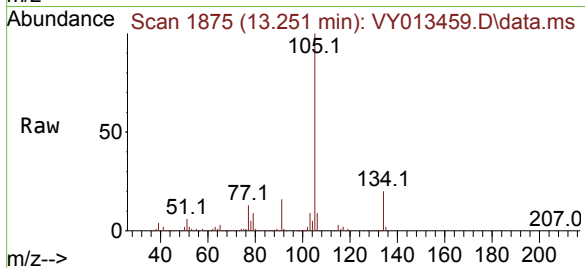
VSTDCCC050EC

Tgt Ion:105 Resp: 589371

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 50.176 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

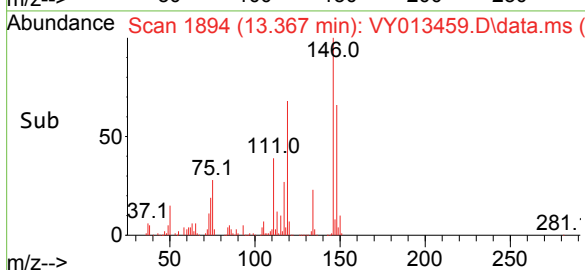
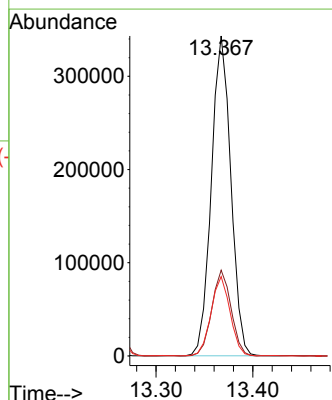
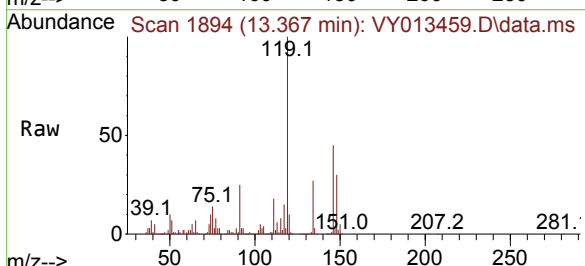
Tgt Ion:119 Resp: 480409

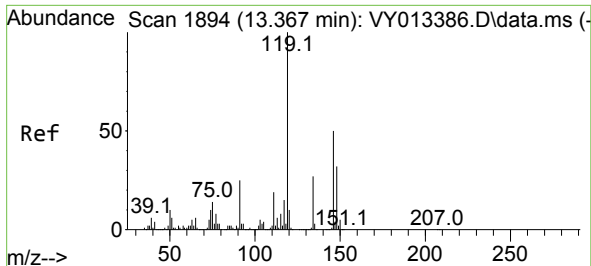
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.890 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

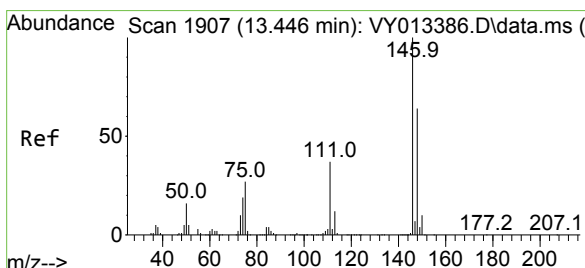
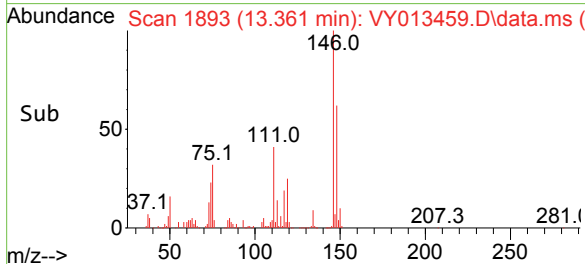
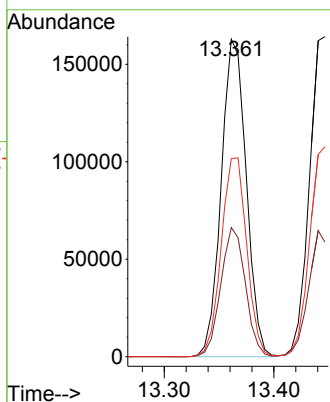
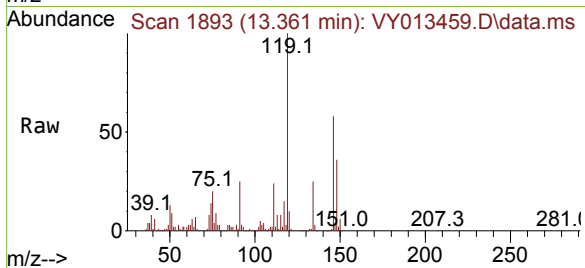
Tgt Ion:146 Resp: 258377

Ion Ratio Lower Upper

146 100

111 39.9 19.3 57.9

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 49.447 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

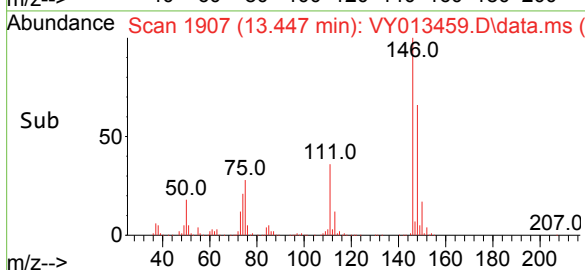
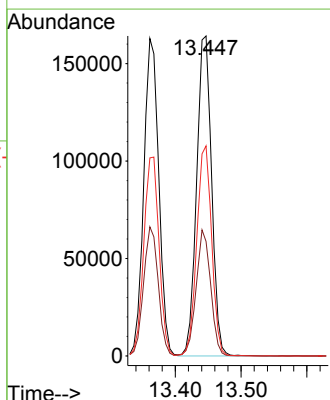
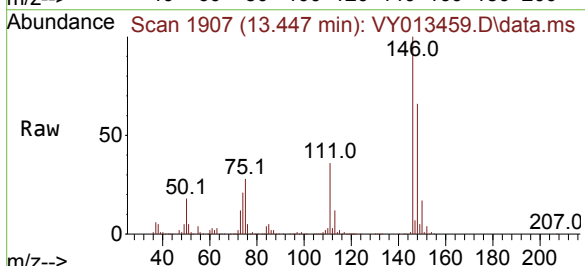
Tgt Ion:146 Resp: 258685

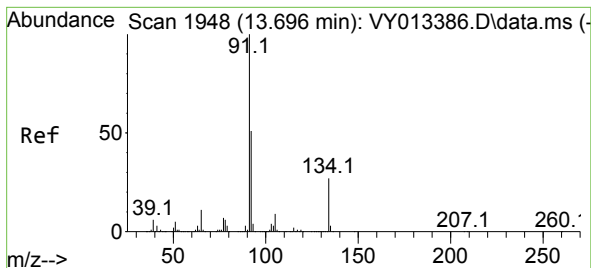
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.5

148 65.3 31.9 95.5





#89

n-Butylbenzene

Concen: 49.827 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

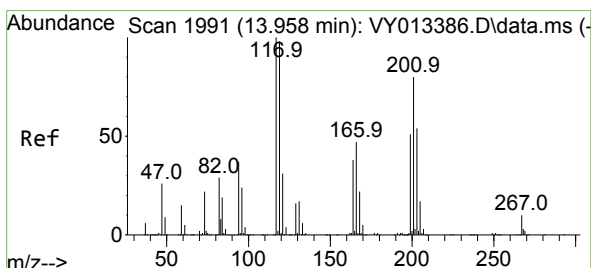
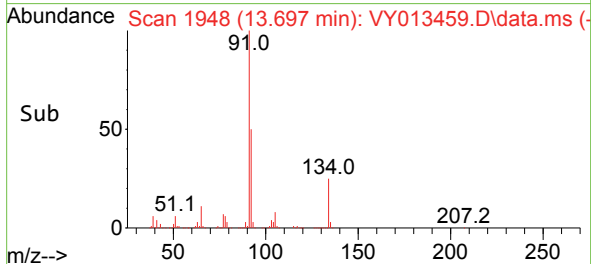
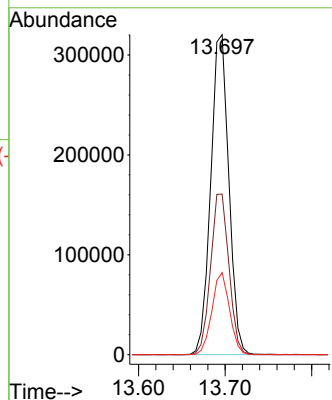
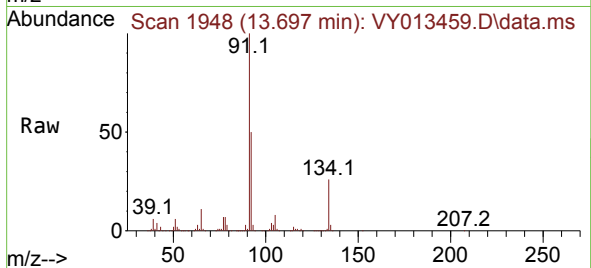
Tgt Ion: 91 Resp: 465627

Ion Ratio Lower Upper

91 100

92 50.8 25.8 77.3

134 24.9 13.5 40.4



#90

Hexachloroethane

Concen: 49.058 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013459.D

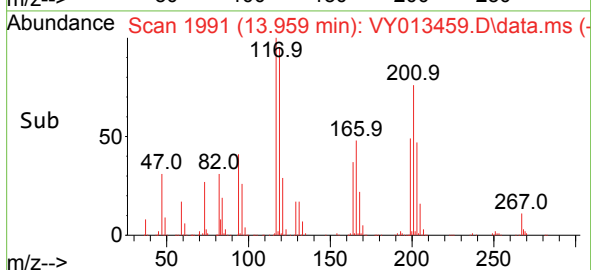
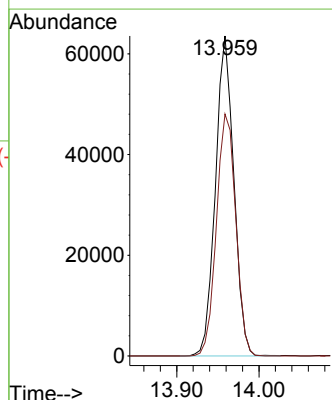
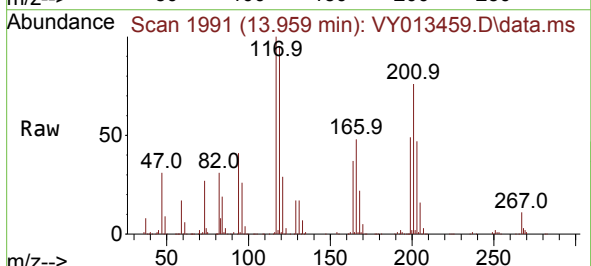
Acq: 25 Apr 2023 20:09

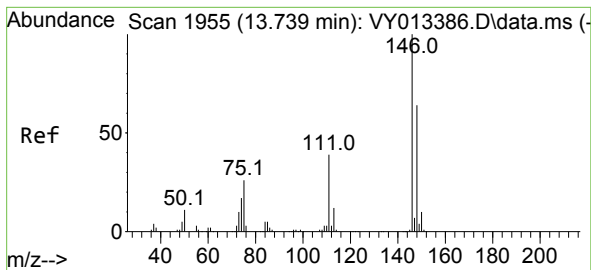
Tgt Ion: 117 Resp: 98858

Ion Ratio Lower Upper

117 100

201 79.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.330 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

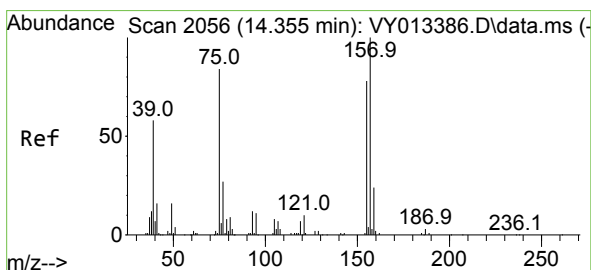
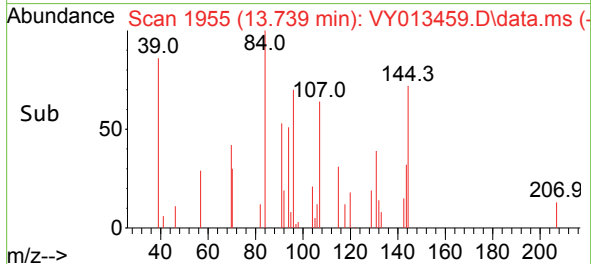
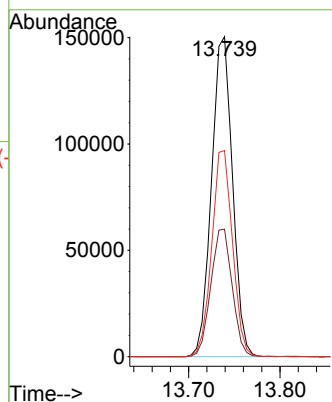
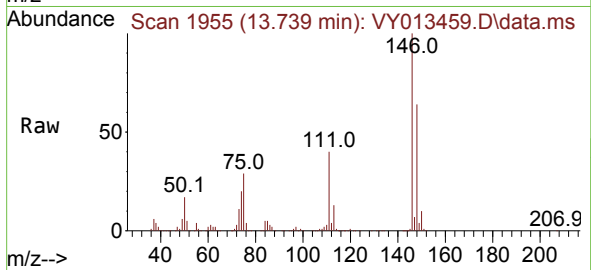
Tgt Ion:146 Resp: 240058

Ion Ratio Lower Upper

146 100

111 40.6 19.8 59.4

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.380 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

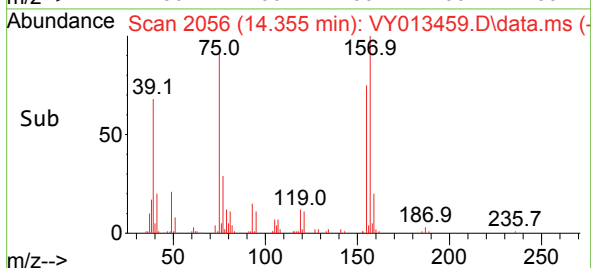
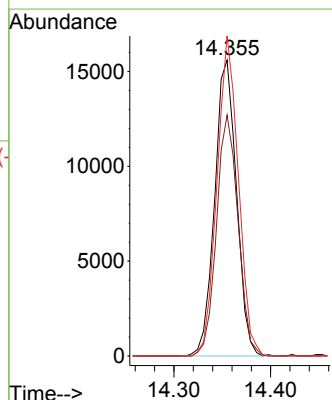
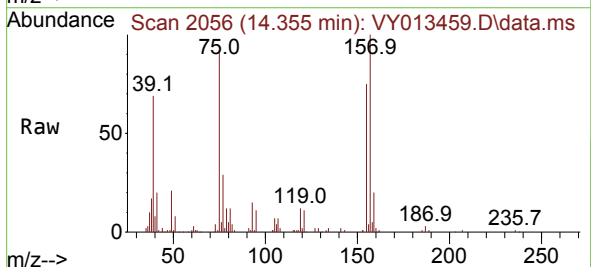
Tgt Ion: 75 Resp: 24399

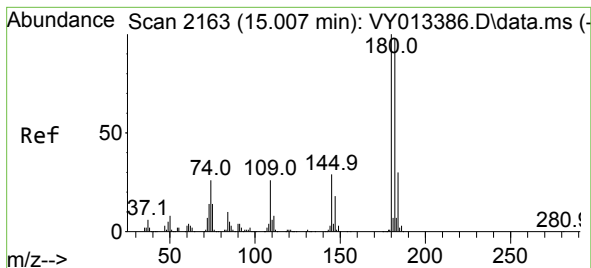
Ion Ratio Lower Upper

75 100

155 80.3 44.6 134.0

157 105.8 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.674 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013459.D

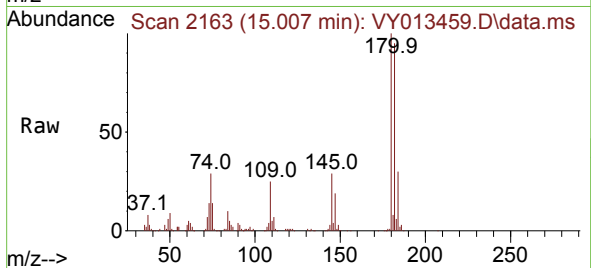
Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



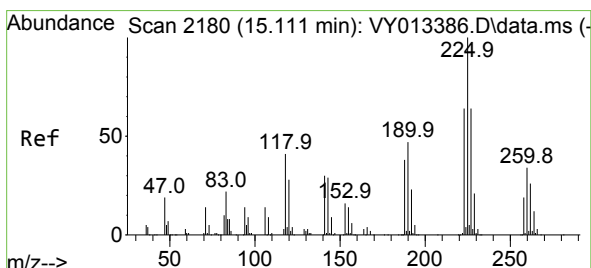
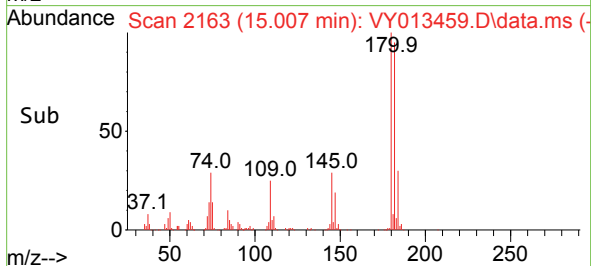
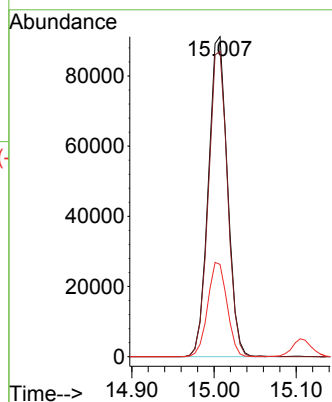
Tgt Ion:180 Resp: 146871

Ion Ratio Lower Upper

180 100

182 95.8 48.5 145.5

145 29.8 15.0 45.0



#94

Hexachlorobutadiene

Concen: 51.335 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

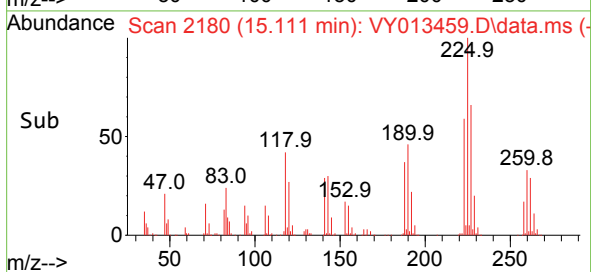
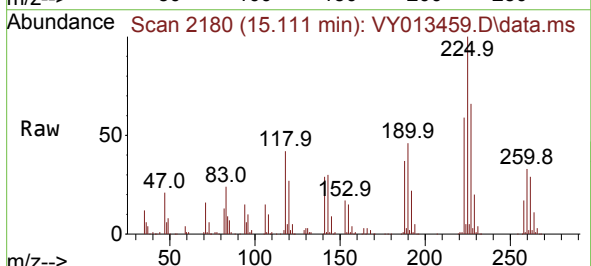
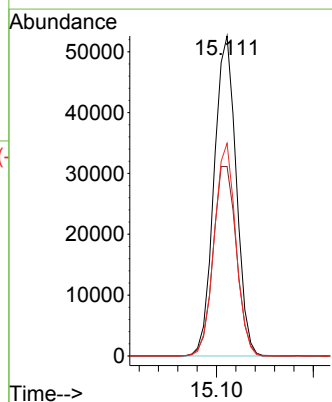
Tgt Ion:225 Resp: 83303

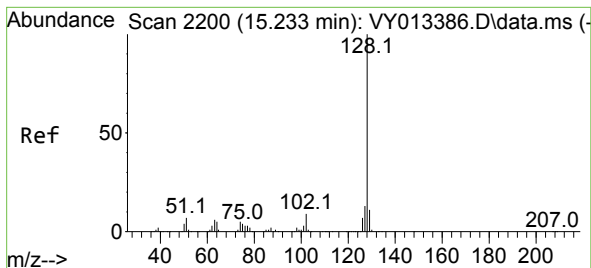
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.2

227 65.0 32.0 96.0





#95

Naphthalene

Concen: 55.033 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

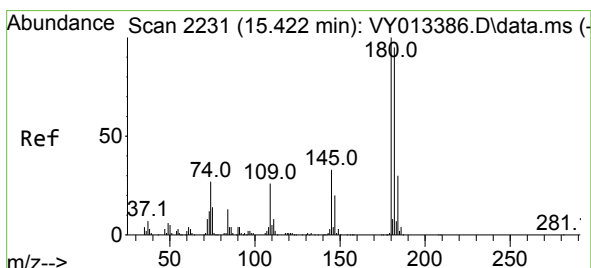
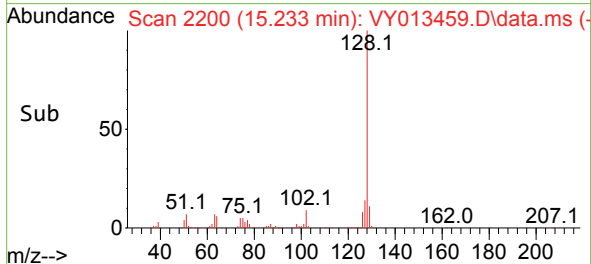
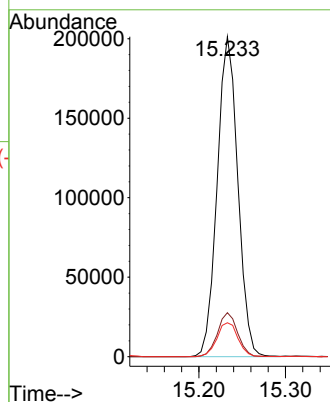
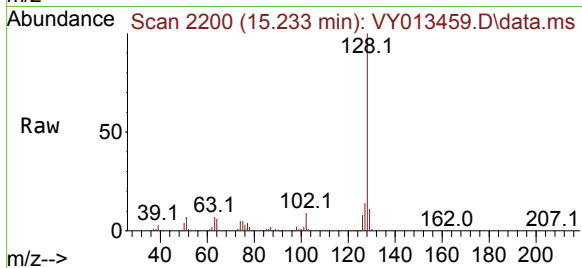
Tgt Ion:128 Resp: 332936

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.745 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013459.D

Acq: 25 Apr 2023 20:09

Tgt Ion:180 Resp: 136050

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 32.0 15.9 47.7

