

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013978.D
 Acq On : 02 Jun 2023 09:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 04:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	271169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	171598	47.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.600%
35) Dibromofluoromethane	7.716	113	138206	55.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.460%
50) Toluene-d8	10.179	98	497398	52.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.477	95	171360	52.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.320%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	119694	50.166	ug/l	99
3) Chloromethane	2.113	50	147558	44.653	ug/l	100
4) Vinyl Chloride	2.247	62	149974	48.990	ug/l	97
5) Bromomethane	2.650	94	116224	43.600	ug/l	99
6) Chloroethane	2.790	64	96704	44.139	ug/l	99
7) Trichlorofluoromethane	3.119	101	251975	52.066	ug/l	100
8) Diethyl Ether	3.521	74	84697	44.642	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	133619	53.747	ug/l	99
10) Methyl Iodide	4.088	142	149800	43.721	ug/l	99
11) Tert butyl alcohol	4.966	59	118121	160.111	ug/l #	96
12) 1,1-Dichloroethene	3.869	96	128170	49.171	ug/l	99
13) Acrolein	3.729	56	63049	186.622	ug/l	100
14) Allyl chloride	4.472	41	237129	46.876	ug/l	100
15) Acrylonitrile	5.161	53	255109	242.308	ug/l	99
16) Acetone	3.948	43	333638	271.663	ug/l	98
17) Carbon Disulfide	4.192	76	426798	48.421	ug/l	99
18) Methyl Acetate	4.472	43	205691	46.357	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	410669	48.696	ug/l	99
20) Methylene Chloride	4.710	84	150962	45.049	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	145949	49.432	ug/l	96
22) Diisopropyl ether	6.112	45	491956	50.171	ug/l	97
23) Vinyl Acetate	6.051	43	1534668	249.529	ug/l	100
24) 1,1-Dichloroethane	6.015	63	265990	48.599	ug/l	99
25) 2-Butanone	6.984	43	397291	259.667	ug/l	97
26) 2,2-Dichloropropane	6.978	77	247270	49.782	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	164575	48.686	ug/l	99
28) Bromochloromethane	7.332	49	124087	48.006	ug/l	100
29) Tetrahydrofuran	7.350	42	236709	248.791	ug/l	100
30) Chloroform	7.502	83	279488	48.636	ug/l	95
31) Cyclohexane	7.783	56	229002	52.980	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	249831	51.254	ug/l	98
36) 1,1-Dichloropropene	7.911	75	204888	57.468	ug/l	100
37) Ethyl Acetate	7.070	43	169393	54.495	ug/l	99
38) Carbon Tetrachloride	7.899	117	232823	58.276	ug/l	98
39) Methylcyclohexane	9.179	83	229377	60.264	ug/l	97
40) Benzene	8.155	78	597170	54.297	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	222871	155.130	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	213078	52.835	ug/l	100
43) Isopropyl Acetate	8.271	43	279417	53.385	ug/l	99
44) Trichloroethene	8.935	130	147794	51.315	ug/l	97
45) 1,2-Dichloropropane	9.209	63	145363	51.216	ug/l	97
46) Dibromomethane	9.301	93	93510	51.463	ug/l	97
47) Bromodichloromethane	9.490	83	209134	51.093	ug/l	98
48) Methyl methacrylate	9.289	41	122454	51.402	ug/l	98
49) 1,4-Dioxane	9.307	88	27257	1031.515	ug/l #	45
51) 4-Methyl-2-Pentanone	10.069	43	774885	262.114	ug/l	100
52) Toluene	10.240	92	353889	52.524	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	224561	51.073	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	240580	51.249	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	122757	51.245	ug/l	96
56) Ethyl methacrylate	10.508	69	181870	52.878	ug/l	99
57) 1,3-Dichloropropane	10.788	76	208951	51.049	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	425657	251.388	ug/l	100
59) 2-Hexanone	10.831	43	597145	278.953	ug/l	100
60) Dibromochloromethane	10.983	129	155534	51.371	ug/l	100
61) 1,2-Dibromoethane	11.087	107	121556	50.505	ug/l	99
64) Tetrachloroethene	10.715	164	134610	54.316	ug/l	95
65) Chlorobenzene	11.514	112	378522	51.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	149450	51.727	ug/l	99
67) Ethyl Benzene	11.587	91	687260	53.499	ug/l	100
68) m/p-Xylenes	11.697	106	525830	107.158	ug/l	99
69) o-Xylene	12.026	106	248885	52.932	ug/l	99
70) Styrene	12.044	104	428967	53.115	ug/l	99
71) Bromoform	12.203	173	109401	51.361	ug/l #	99
73) Isopropylbenzene	12.325	105	646993	53.260	ug/l	100
74) N-amyl acetate	12.142	43	239605	51.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	158175	49.820	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	214869	86.755	ug/l #	100
77) Bromobenzene	12.605	156	166874	50.815	ug/l	99
78) n-propylbenzene	12.666	91	809095	54.345	ug/l	99
79) 2-Chlorotoluene	12.751	91	452689	51.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	547797	52.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	59903	51.312	ug/l	98
82) 4-Chlorotoluene	12.849	91	476501	51.404	ug/l	100
83) tert-Butylbenzene	13.075	119	472607	54.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	554115	53.284	ug/l	99
85) sec-Butylbenzene	13.251	105	698068	55.060	ug/l	99
86) p-Isopropyltoluene	13.367	119	581606	54.346	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	315219	50.544	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	315592	50.026	ug/l	100
89) n-Butylbenzene	13.696	91	549319	54.399	ug/l	100
90) Hexachloroethane	13.959	117	115104	51.246	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	288946	50.293	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31708	51.780	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	181303	51.334	ug/l	99
94) Hexachlorobutadiene	15.111	225	100663	53.509	ug/l	99
95) Naphthalene	15.233	128	409503	47.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	163605	50.859	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

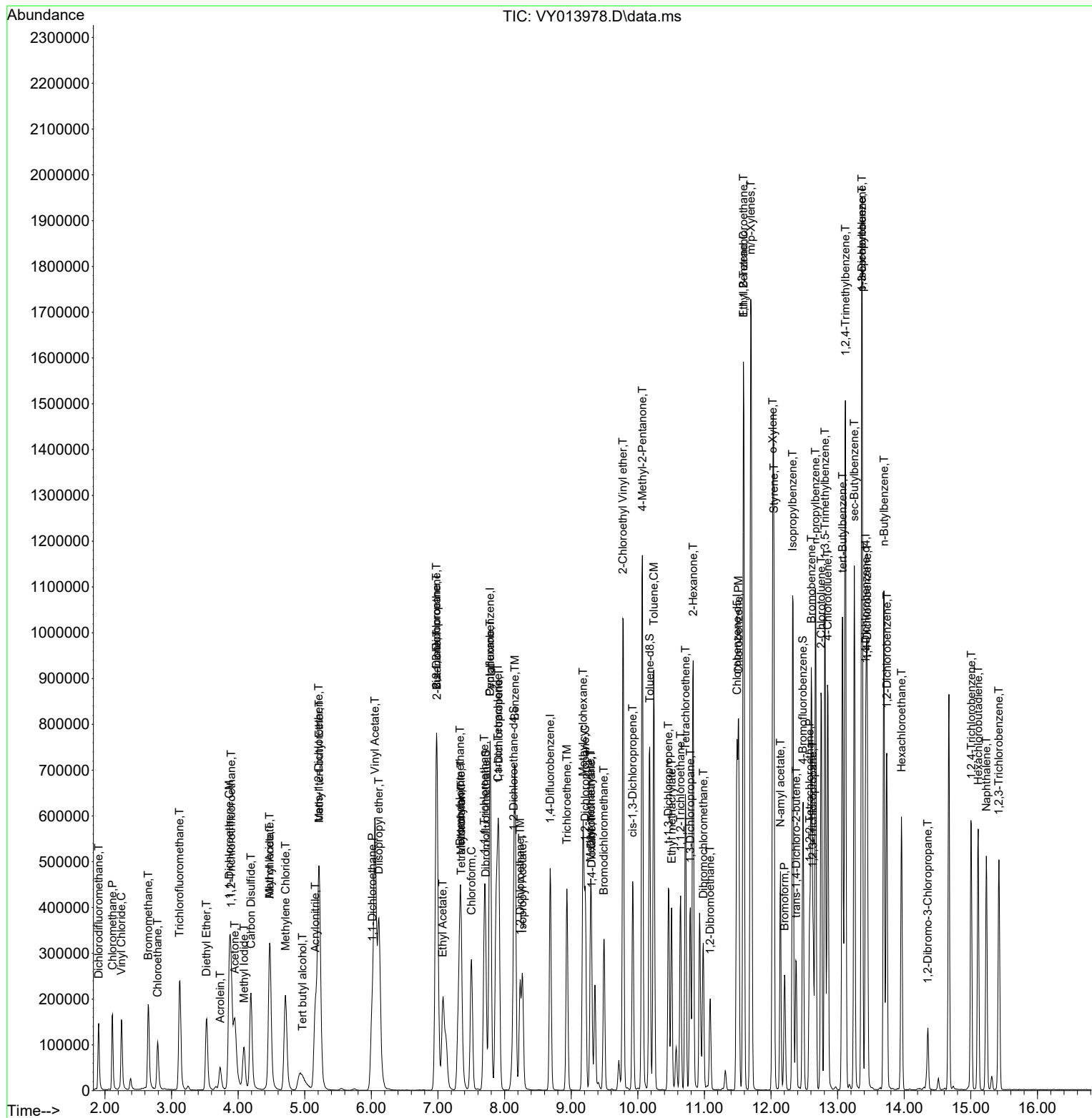
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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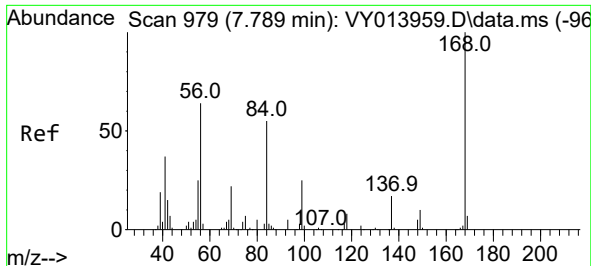
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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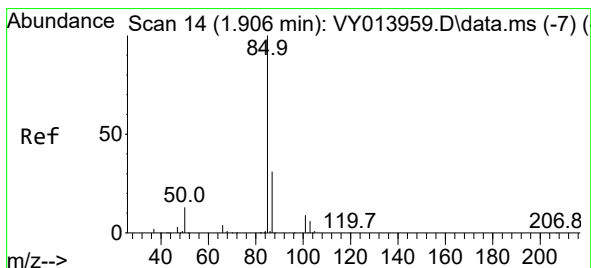
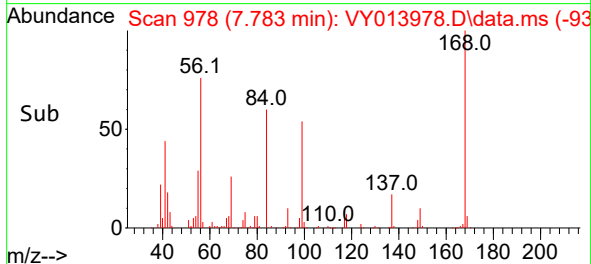
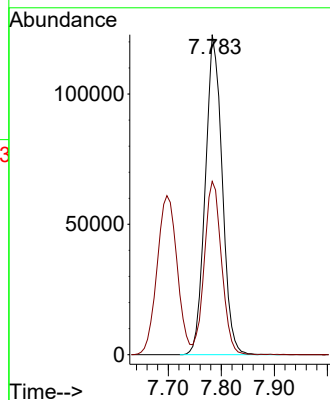
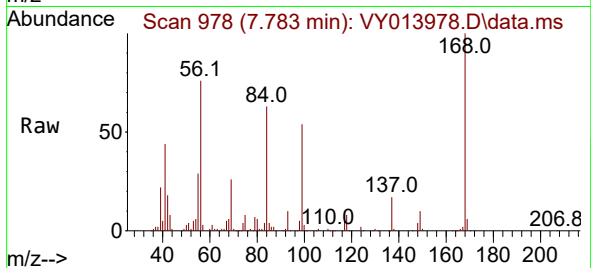




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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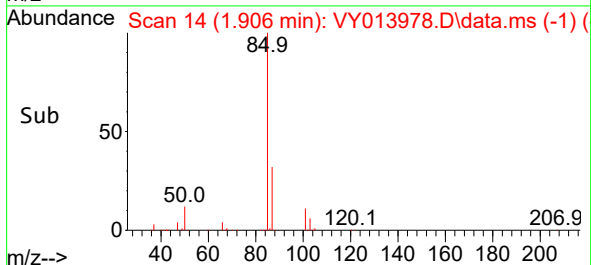
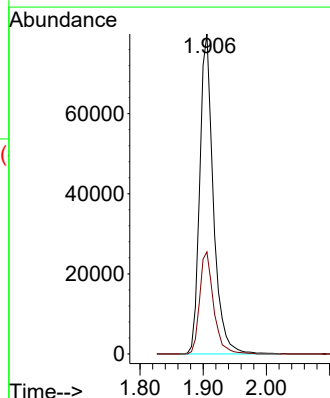
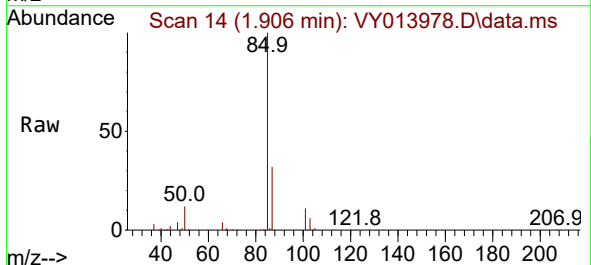
Instrument :
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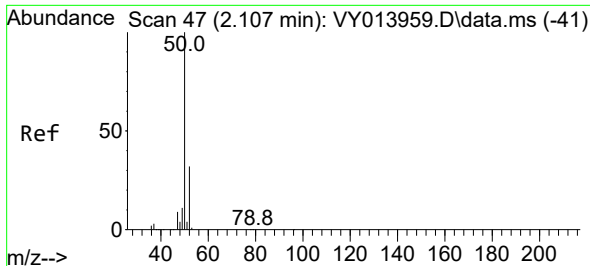
Tgt Ion:168 Resp: 271169
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.166 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 85 Resp: 119694
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

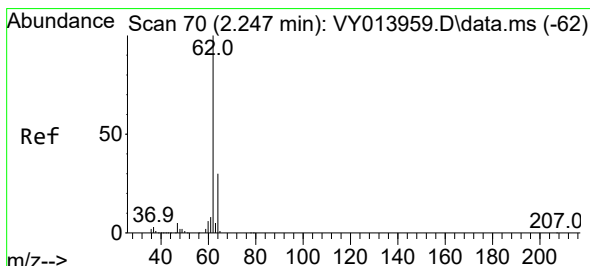
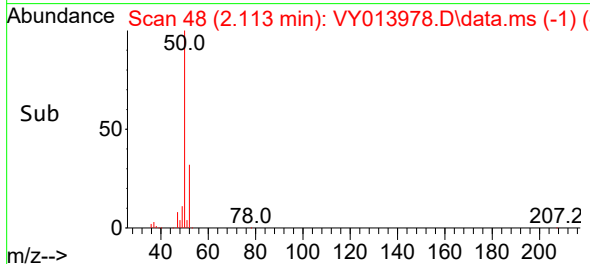
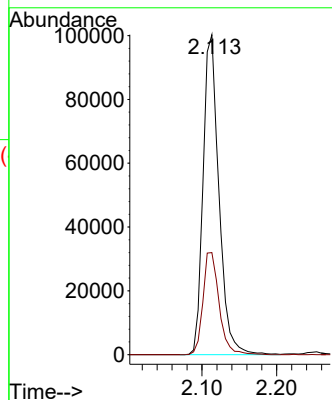
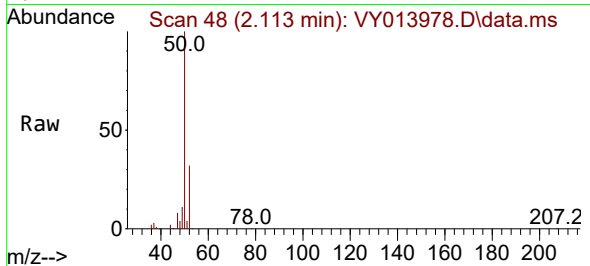




#3
Chloromethane
Concen: 44.653 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

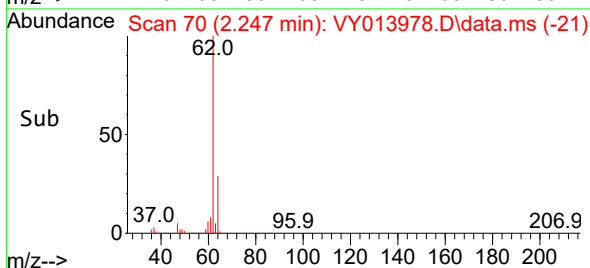
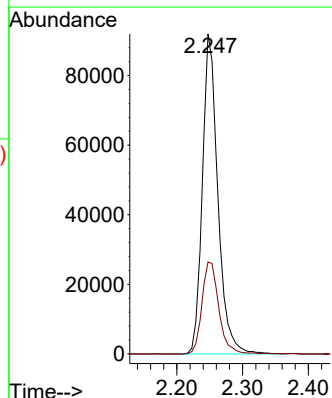
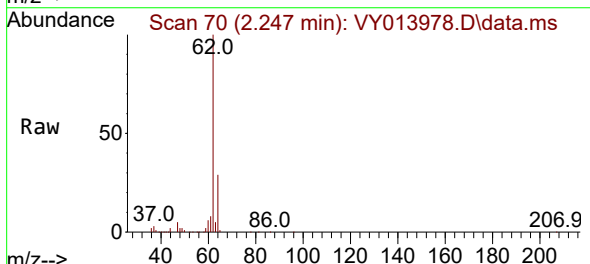
Instrument :
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ClientSampleId :
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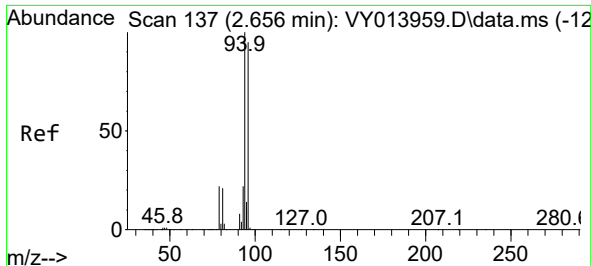
Tgt Ion: 50 Resp: 147558
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 48.990 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 62 Resp: 149974
Ion Ratio Lower Upper
62 100
64 28.7 24.3 36.5

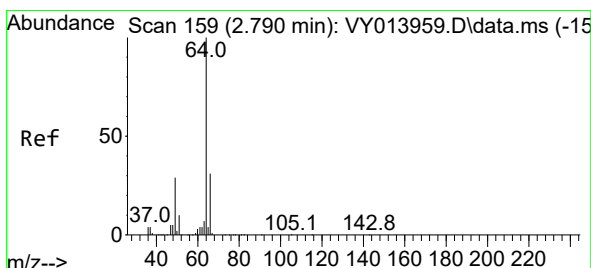
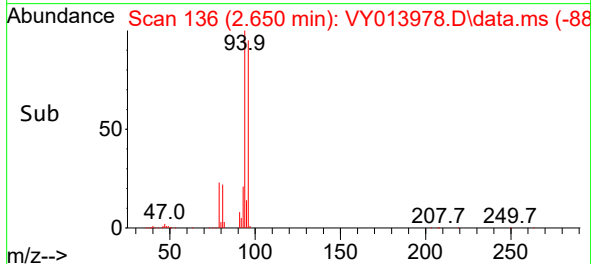
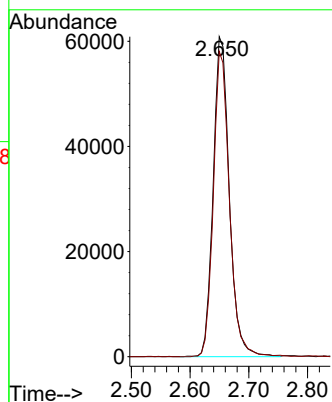
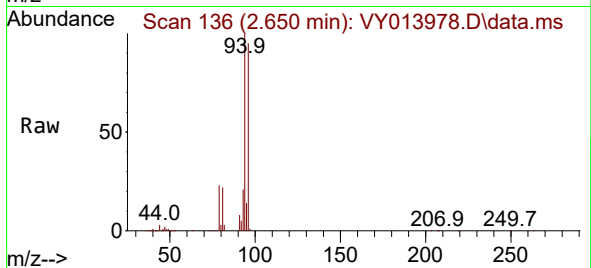




#5
Bromomethane
Concen: 43.600 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013978.D
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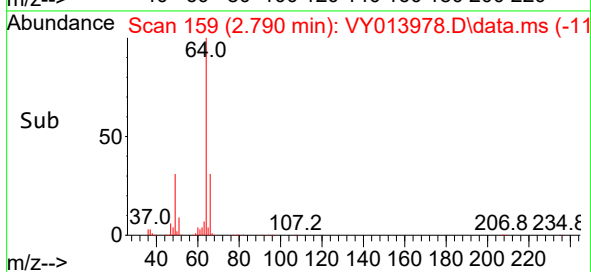
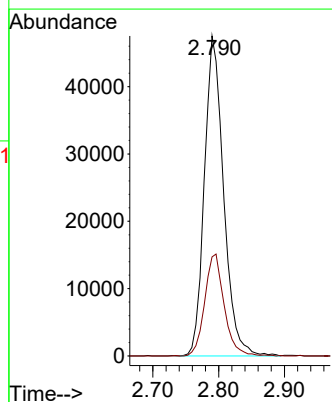
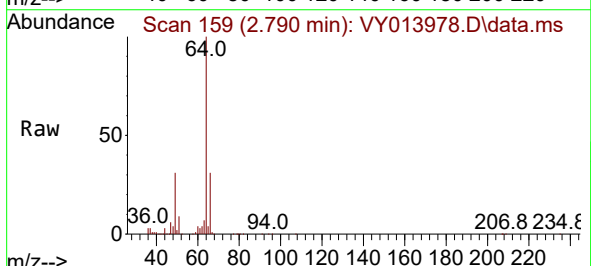
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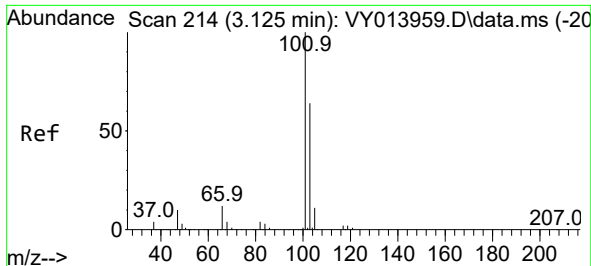
Tgt Ion: 94 Resp: 116224
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.6



#6
Chloroethane
Concen: 44.139 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 64 Resp: 96704
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6

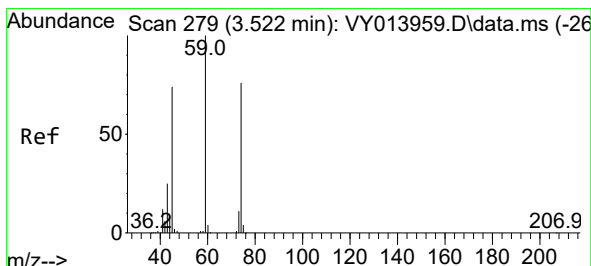
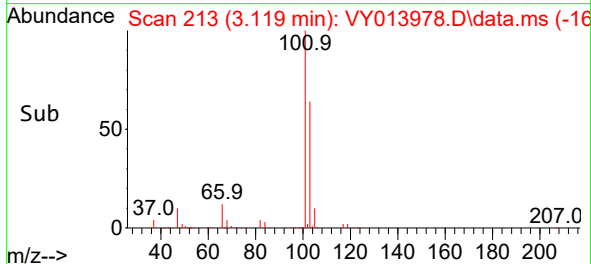
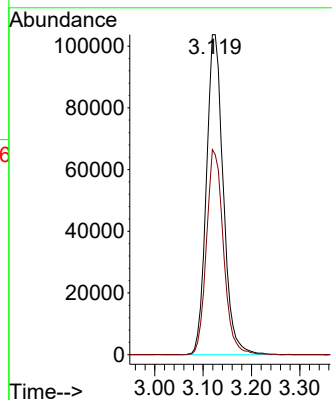
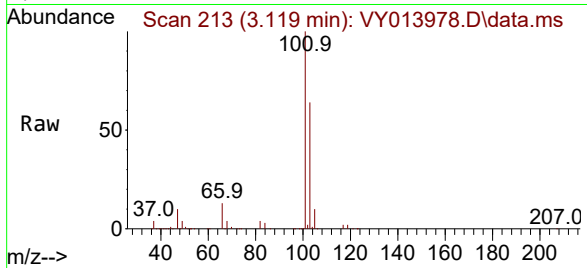




#7
 Trichlorofluoromethane
 Concen: 52.066 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013978.D
 Acq: 02 Jun 2023 09:54

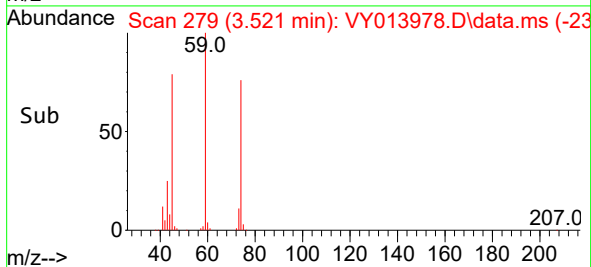
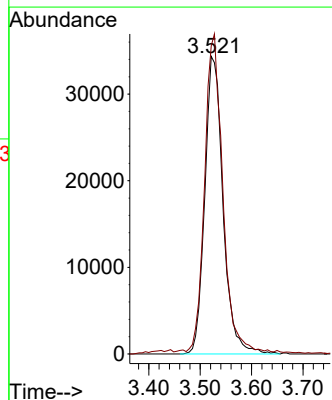
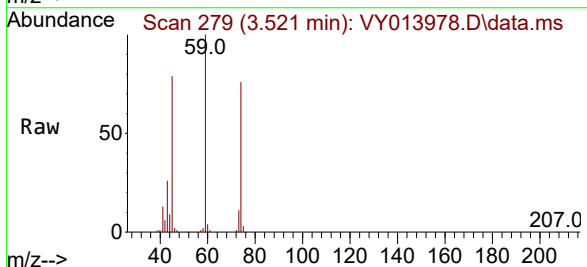
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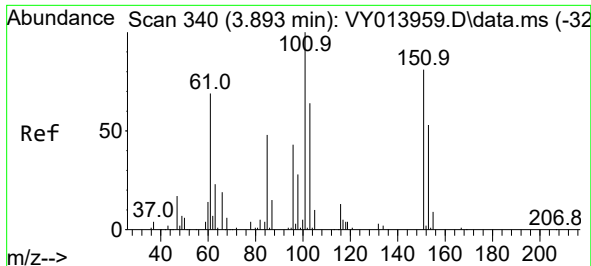
Tgt Ion:101 Resp: 251975
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 44.642 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 84697
 Ion Ratio Lower Upper
 74 100
 45 105.5 51.5 154.5

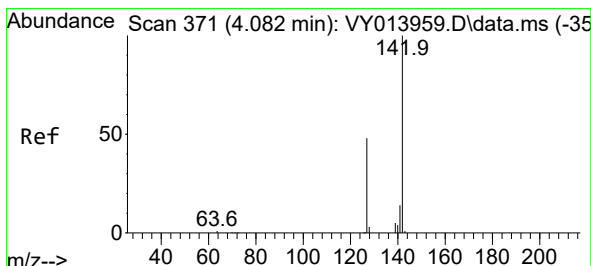
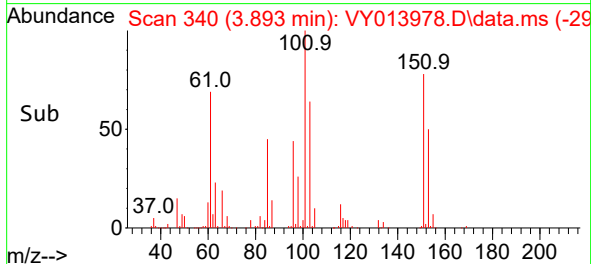
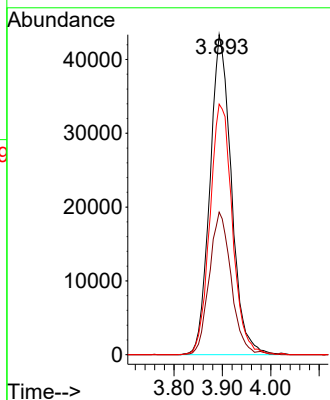
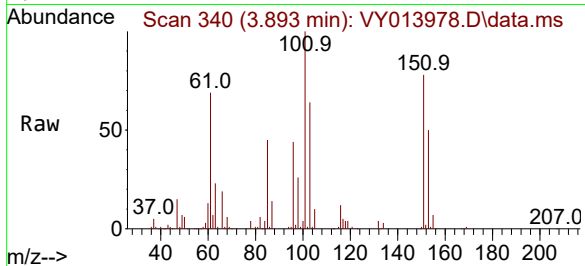




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.747 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

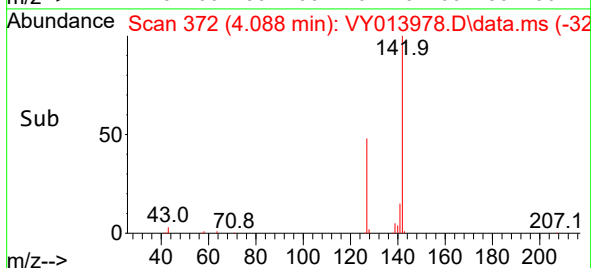
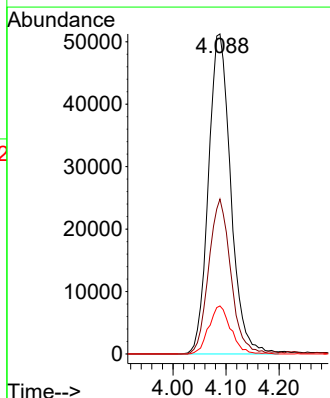
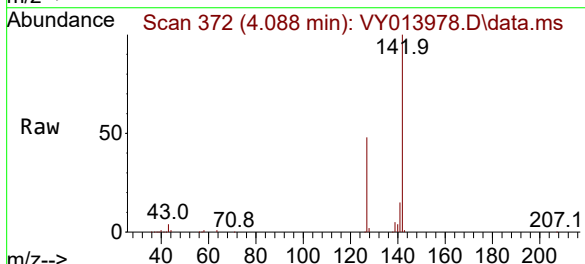
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

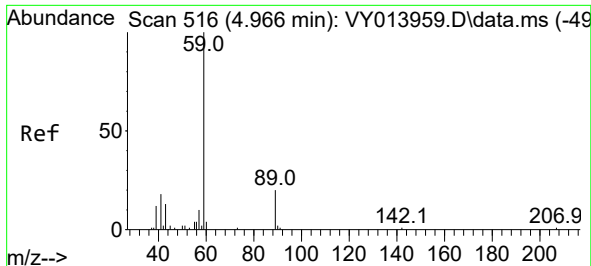
Tgt Ion:101 Resp: 133619
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 82.0 67.0 100.6



#10
Methyl Iodide
Concen: 43.721 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion:142 Resp: 149800
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 14.8 11.8 17.8

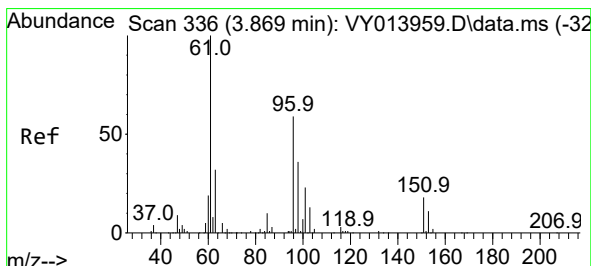
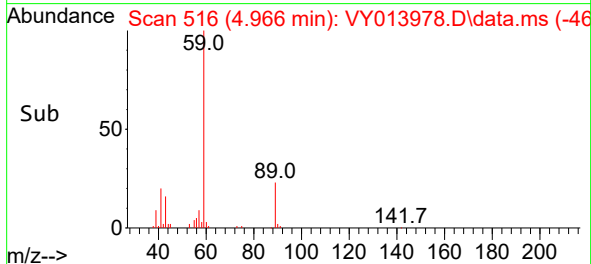
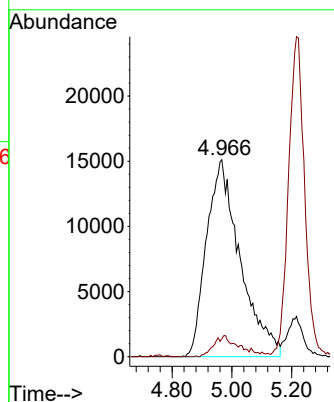
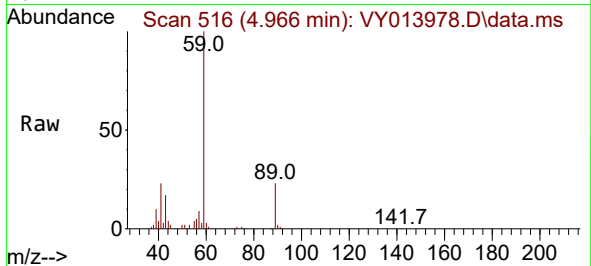




#11
Tert butyl alcohol
Concen: 160.111 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

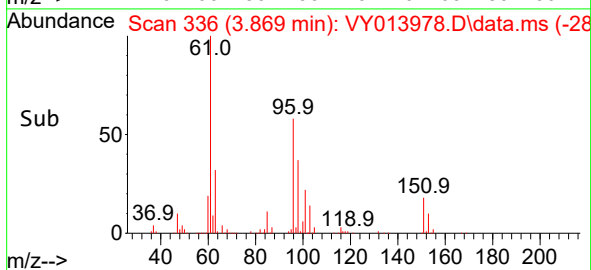
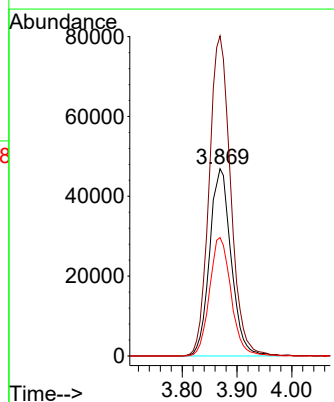
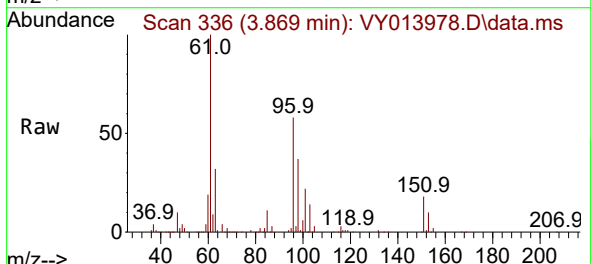
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

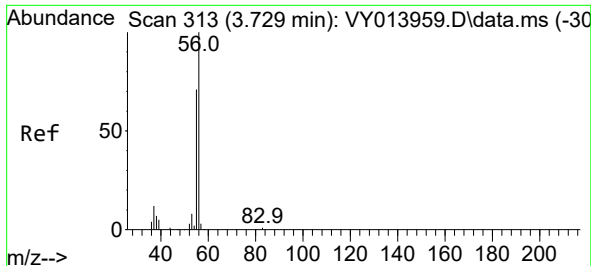
Tgt Ion: 59 Resp: 118121
Ion Ratio Lower Upper
59 100
57 2.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.171 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 96 Resp: 128170
Ion Ratio Lower Upper
96 100
61 171.0 136.4 204.6
98 63.3 49.4 74.2





#13

Acrolein

Concen: 186.622 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

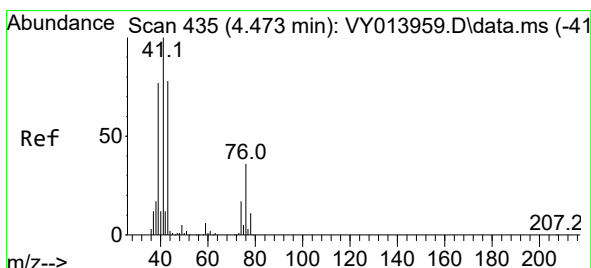
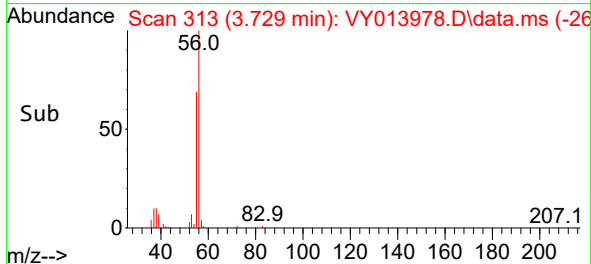
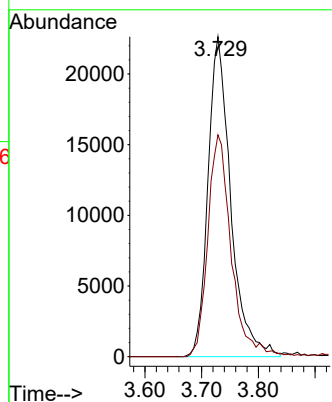
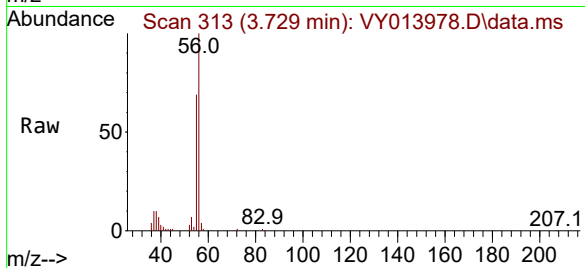
VSTDCCC050

Tgt Ion: 56 Resp: 63049

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 46.876 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

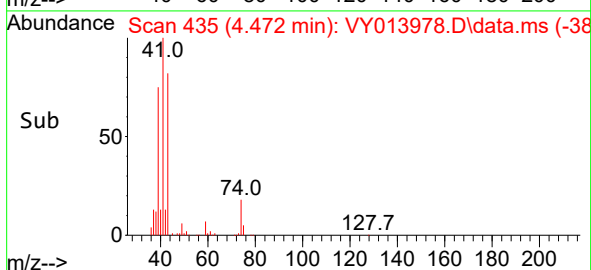
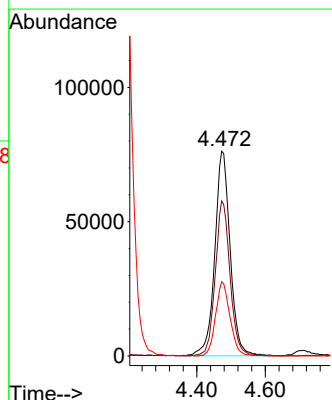
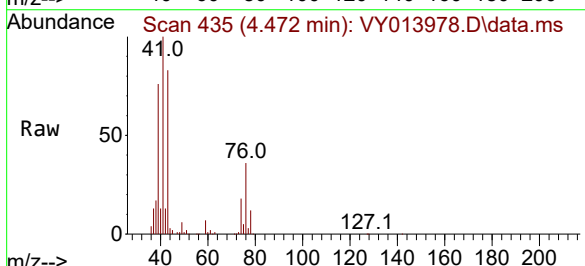
Tgt Ion: 41 Resp: 237129

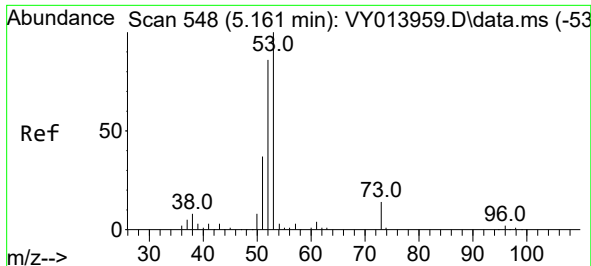
Ion Ratio Lower Upper

41 100

39 72.4 58.0 87.0

76 34.0 27.4 41.2

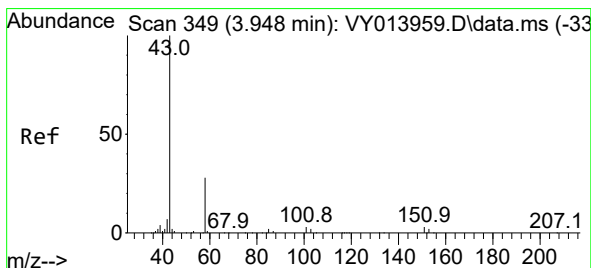
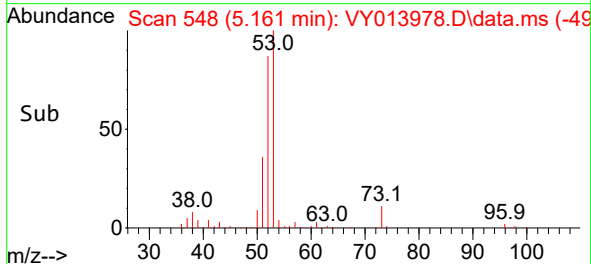
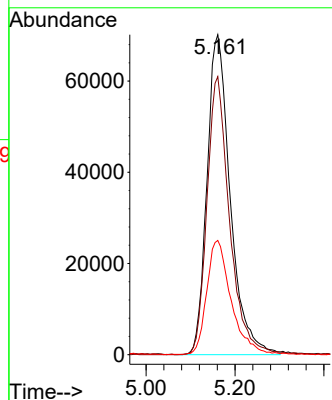
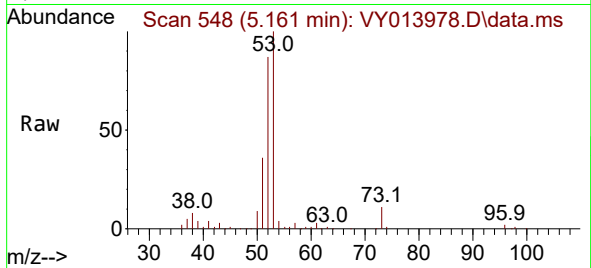




#15
Acrylonitrile
Concen: 242.308 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

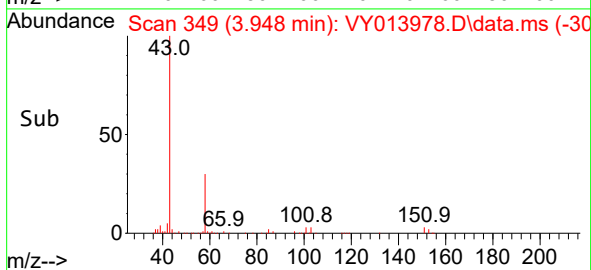
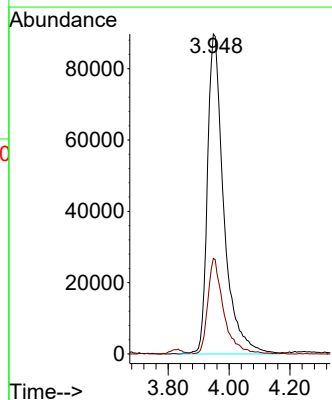
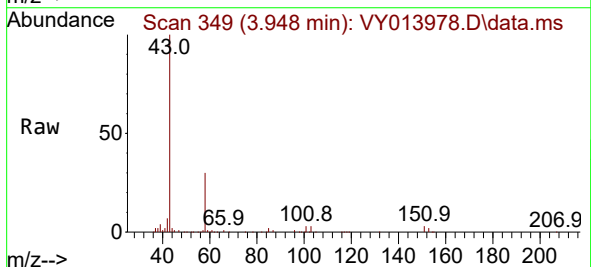
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

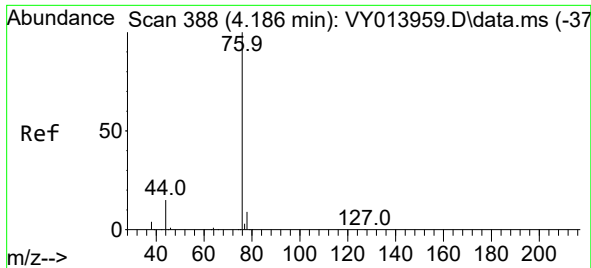
Tgt Ion: 53 Resp: 255109
Ion Ratio Lower Upper
53 100
52 84.5 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 271.663 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 43 Resp: 333638
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1

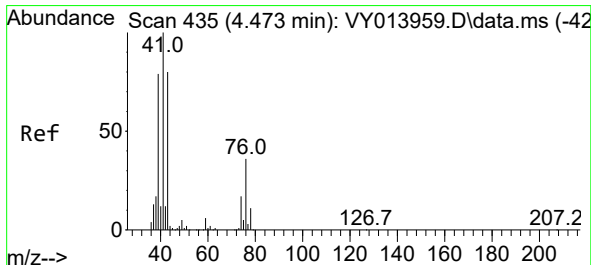
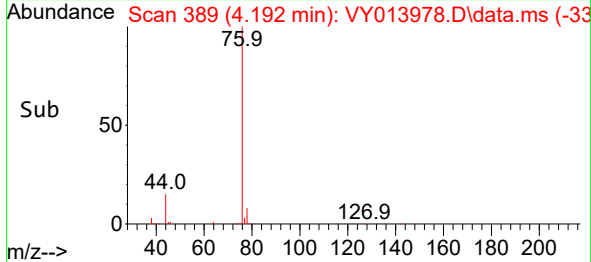
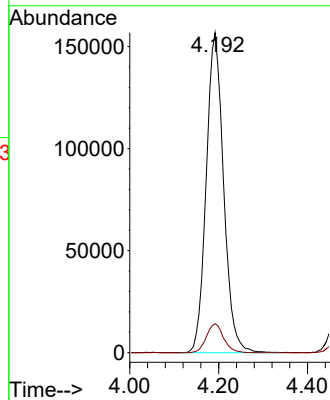
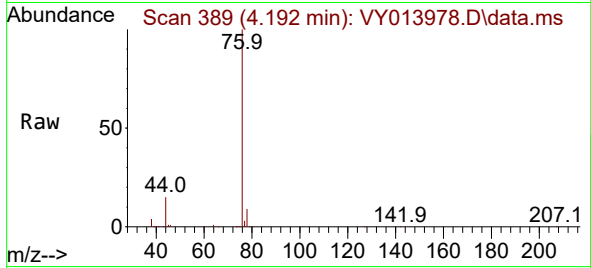




#17
Carbon Disulfide
Concen: 48.421 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

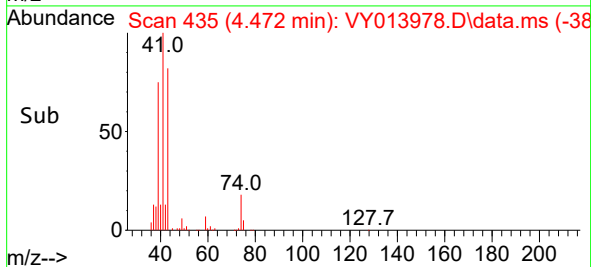
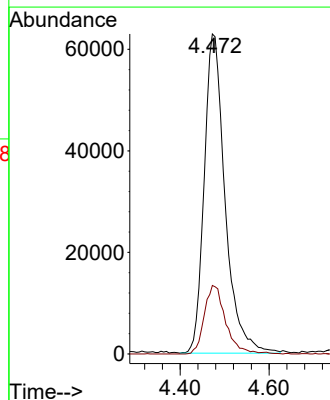
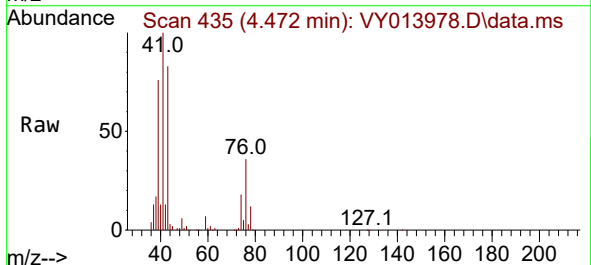
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

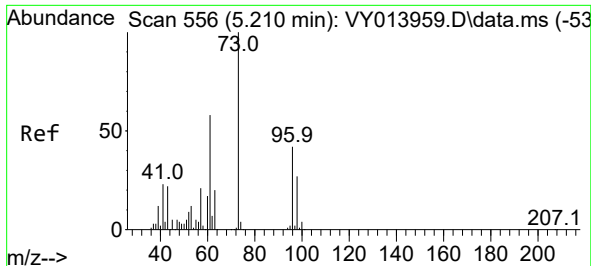
Tgt Ion: 76 Resp: 426798
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 46.357 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 43 Resp: 205691
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

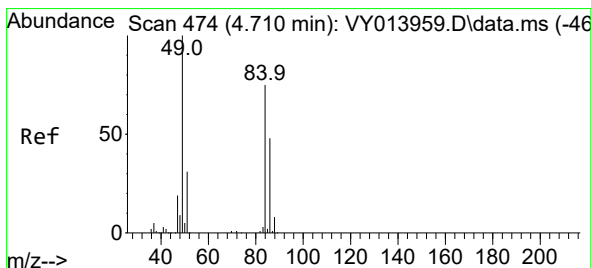
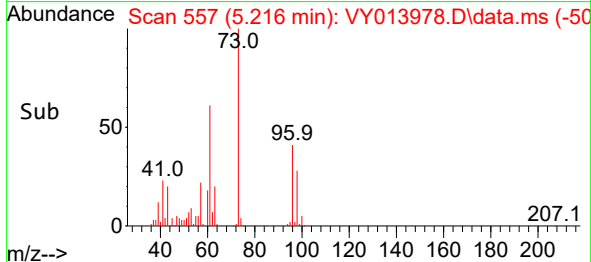
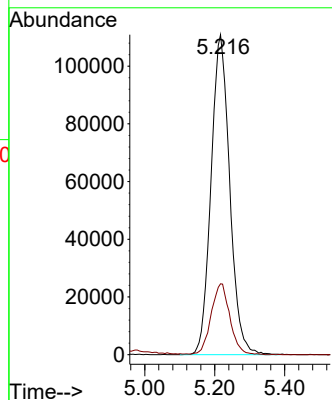
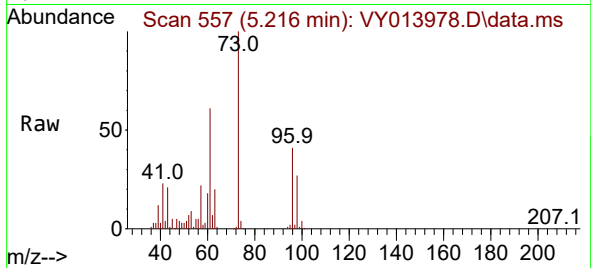




#19
Methyl tert-butyl Ether
Concen: 48.696 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

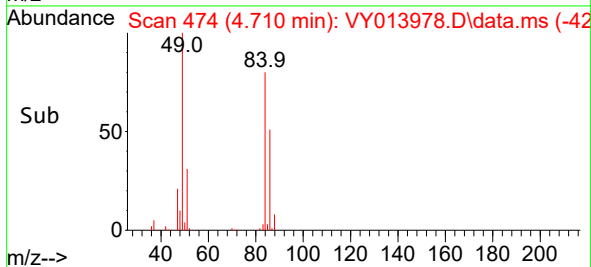
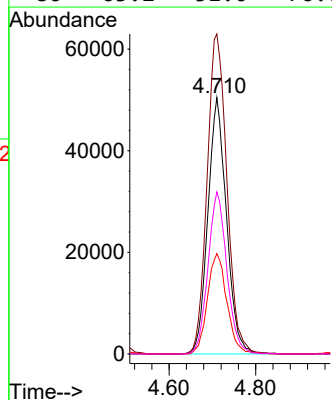
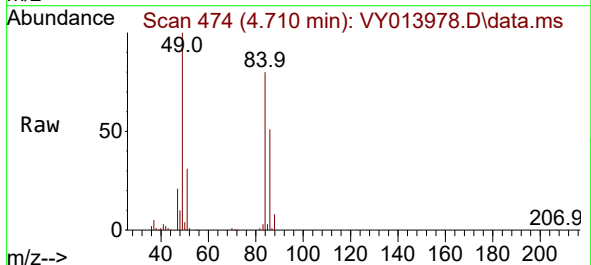
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

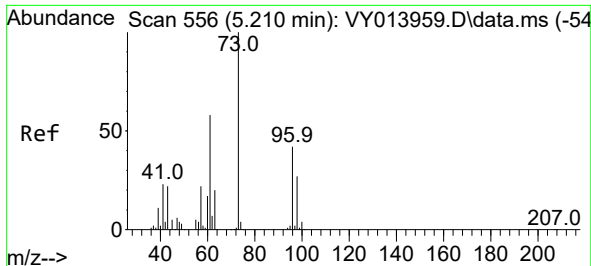
Tgt Ion: 73 Resp: 410669
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 45.049 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 84 Resp: 150962
Ion Ratio Lower Upper
84 100
49 124.8 106.9 160.3
51 39.2 33.2 49.8
86 63.2 51.0 76.6

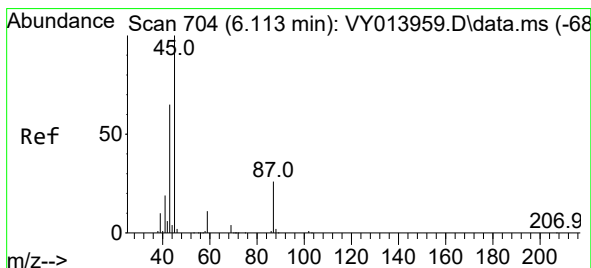
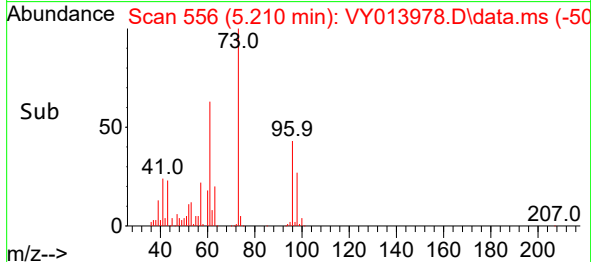
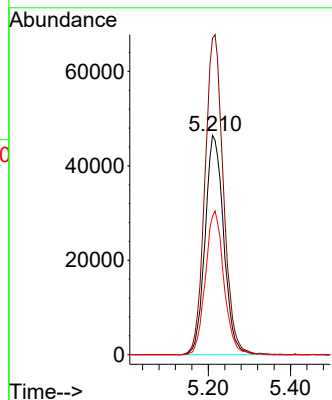
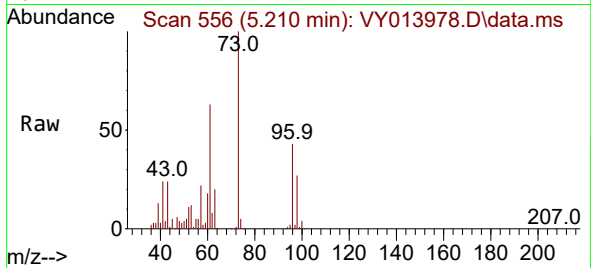




#21
trans-1,2-Dichloroethene
Concen: 49.432 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

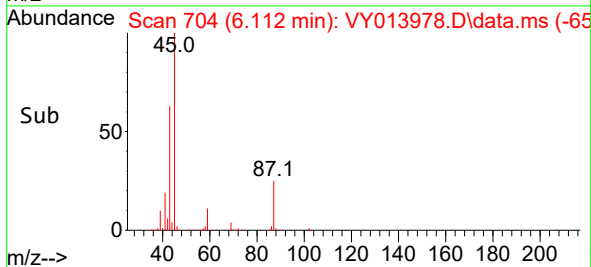
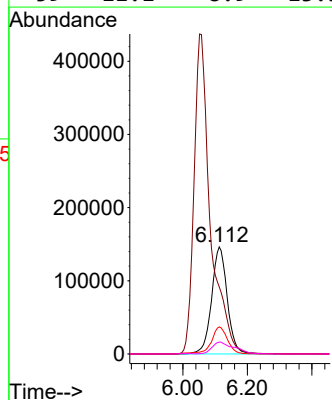
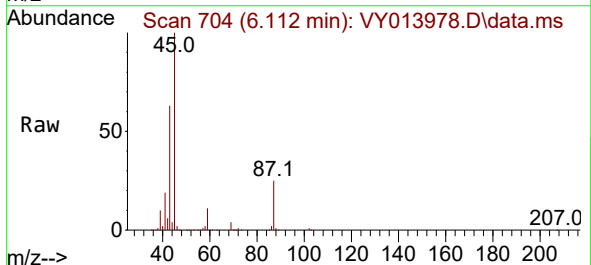
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

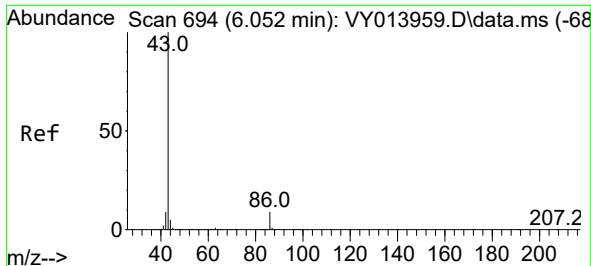
Tgt Ion: 96 Resp: 145949
Ion Ratio Lower Upper
96 100
61 144.3 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 50.171 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 45 Resp: 491956
Ion Ratio Lower Upper
45 100
43 62.4 52.2 78.4
87 25.1 21.0 31.6
59 11.1 8.9 13.3

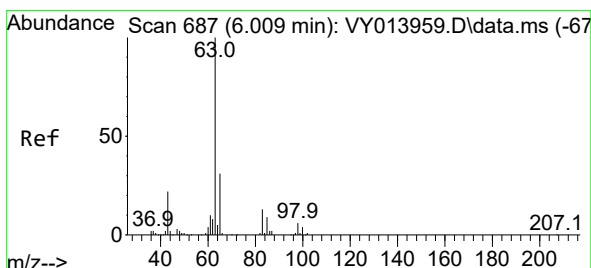
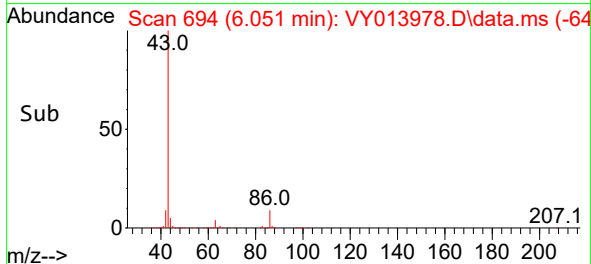
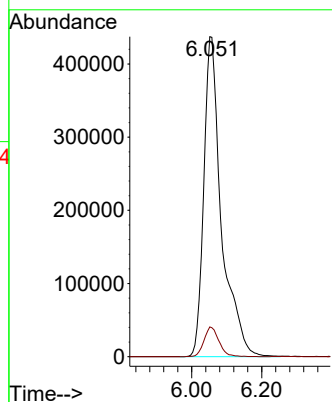
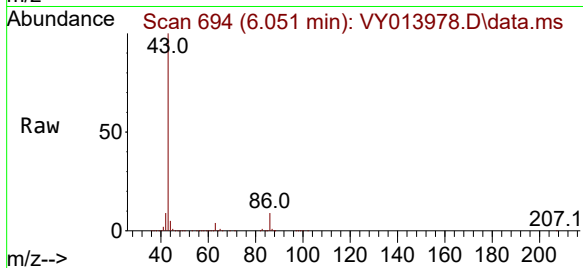




#23
 Vinyl Acetate
 Concen: 249.529 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY013978.D
 Acq: 02 Jun 2023 09:54

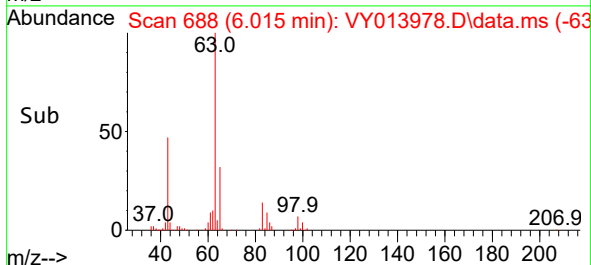
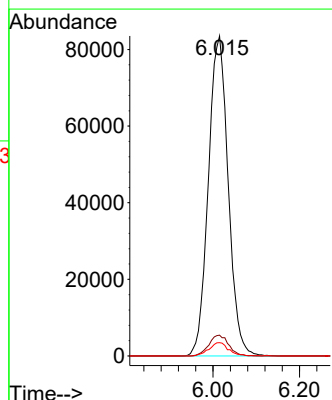
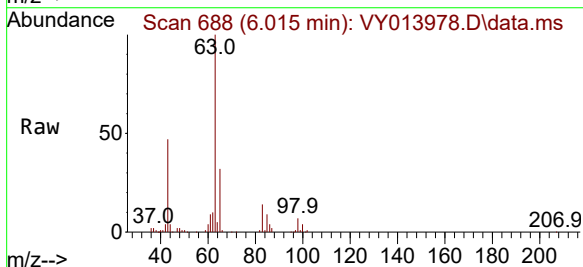
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

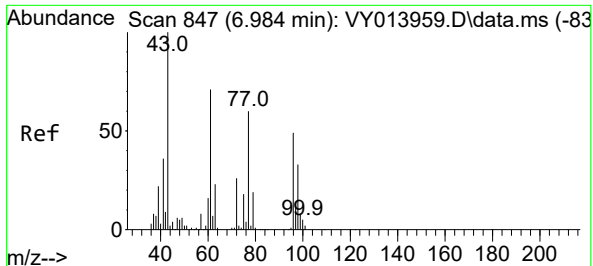
Tgt Ion: 43 Resp: 1534668
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.599 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013978.D
 Acq: 02 Jun 2023 09:54

Tgt Ion: 63 Resp: 265990
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.1 1.8 5.5

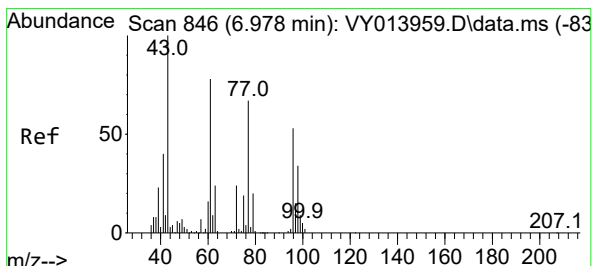
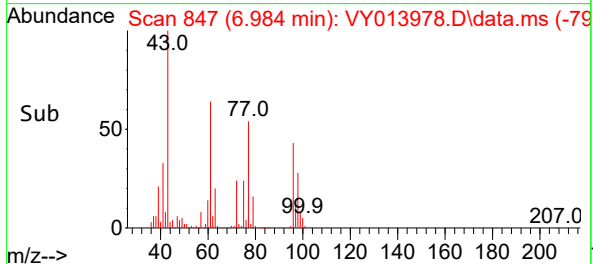
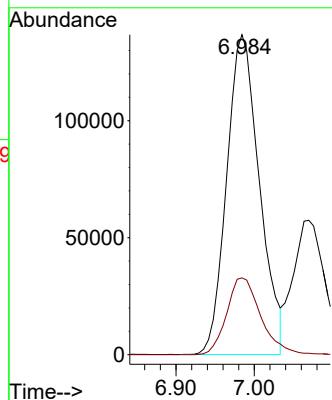
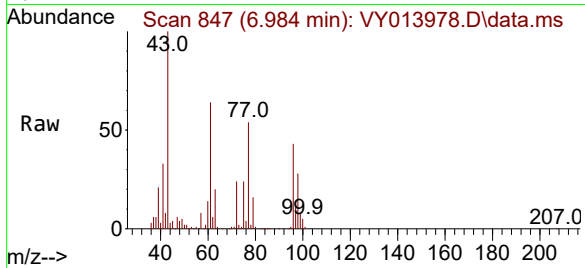




#25
2-Butanone
Concen: 259.667 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

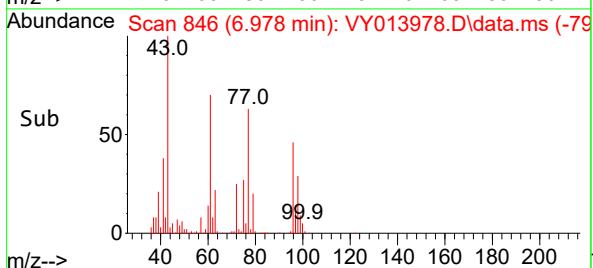
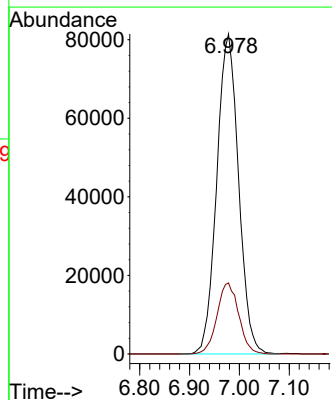
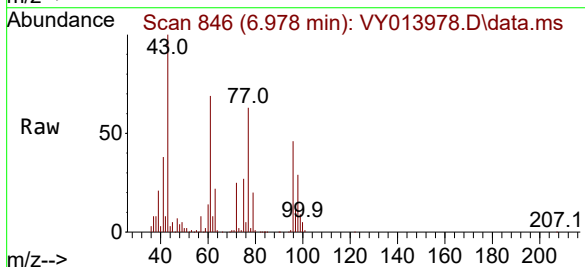
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

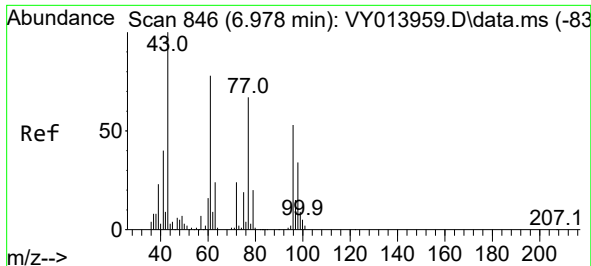
Tgt Ion: 43 Resp: 397291
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.782 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 77 Resp: 247270
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9

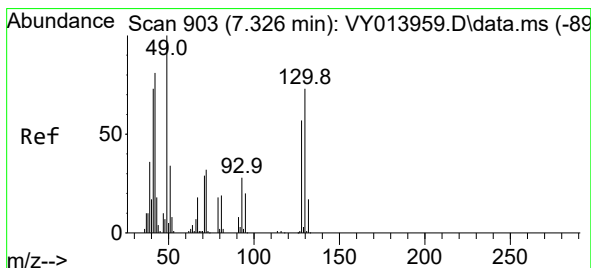
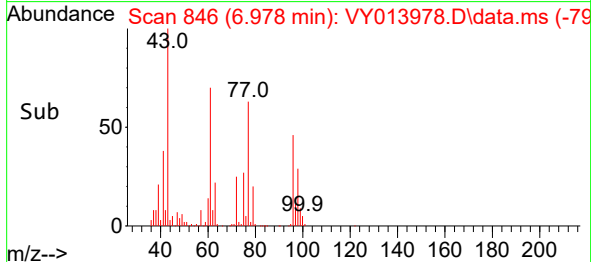
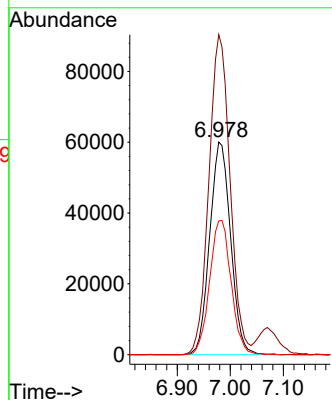
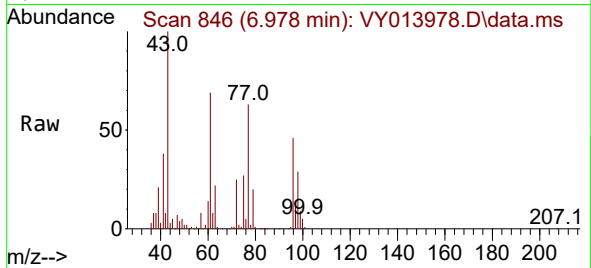




#27
cis-1,2-Dichloroethene
Concen: 48.686 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

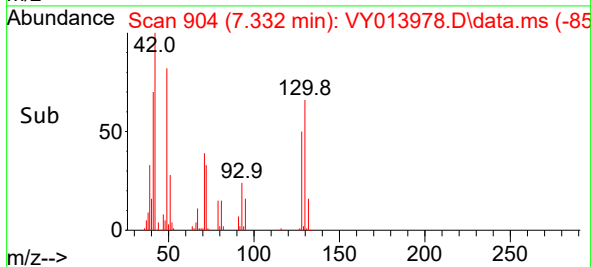
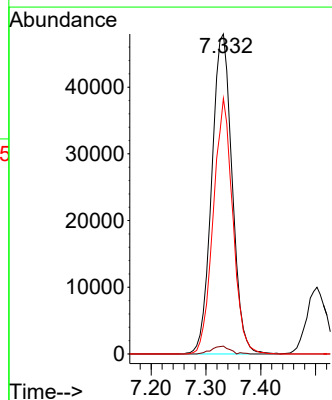
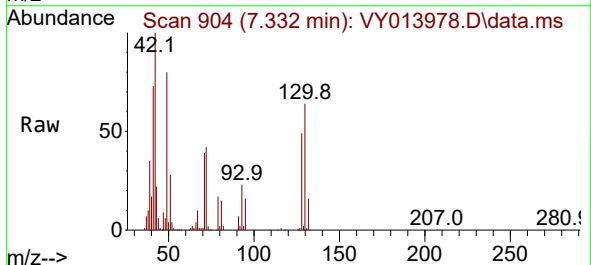
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

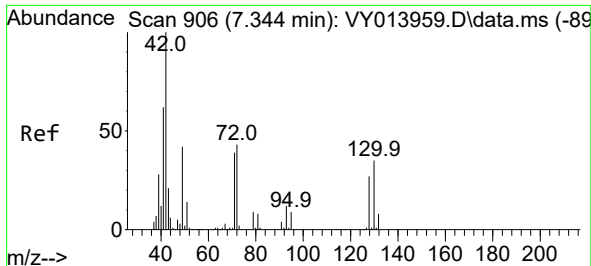
Tgt Ion: 96 Resp: 164575
Ion Ratio Lower Upper
96 100
61 152.1 0.0 301.4
98 64.7 0.0 130.4



#28
Bromochloromethane
Concen: 48.006 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 49 Resp: 124087
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 76.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 248.791 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

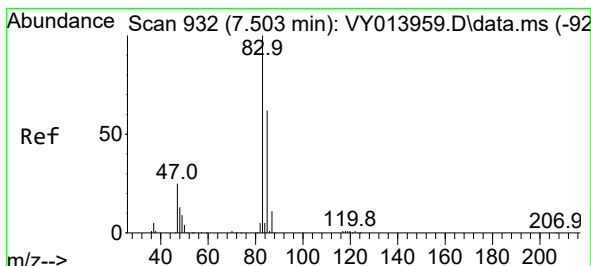
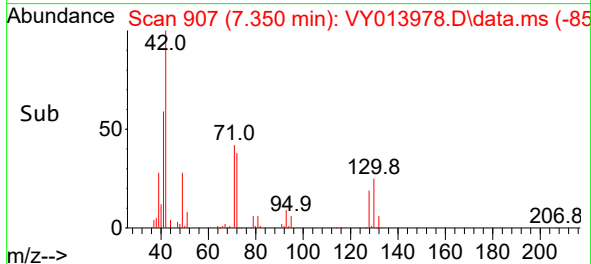
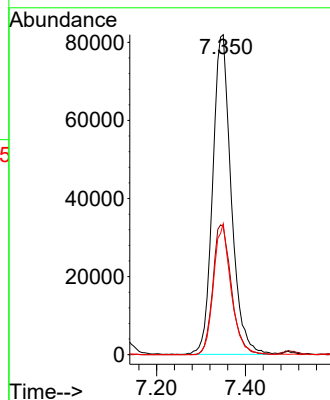
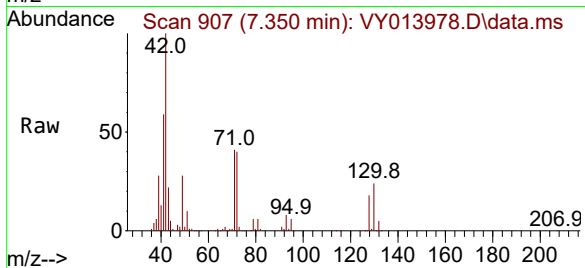
Tgt Ion: 42 Resp: 236709

Ion Ratio Lower Upper

42 100

72 40.9 32.8 49.2

71 38.8 31.0 46.4



#30

Chloroform

Concen: 48.636 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013978.D

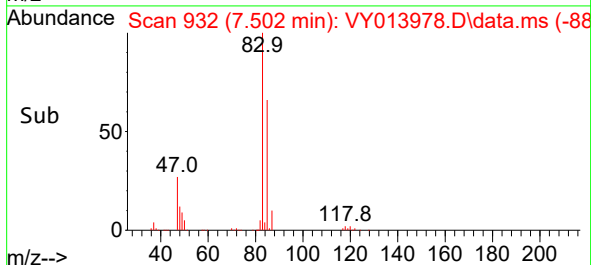
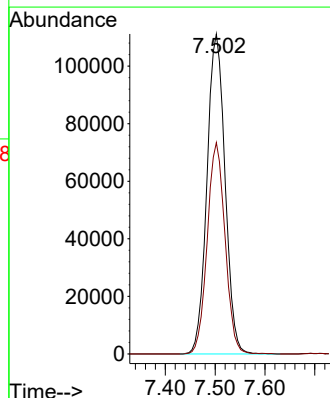
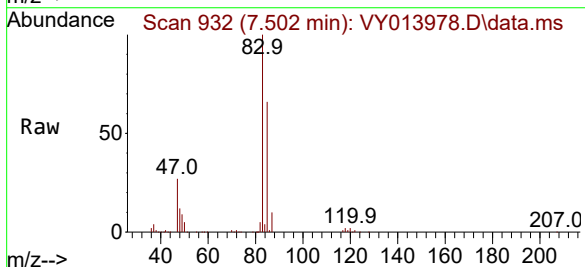
Acq: 02 Jun 2023 09:54

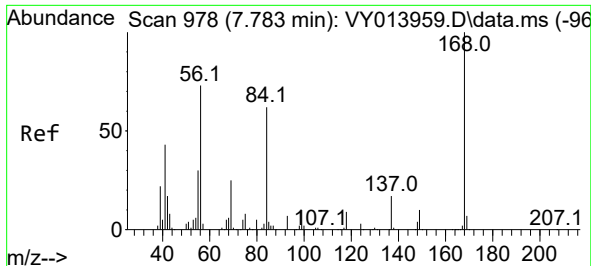
Tgt Ion: 83 Resp: 279488

Ion Ratio Lower Upper

83 100

85 66.1 49.7 74.5

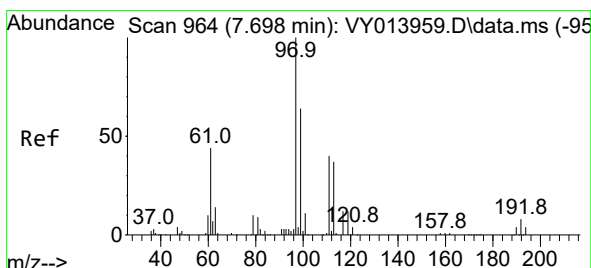
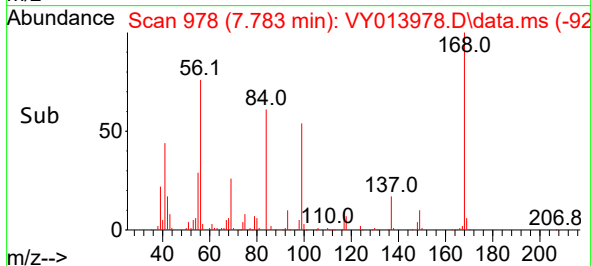
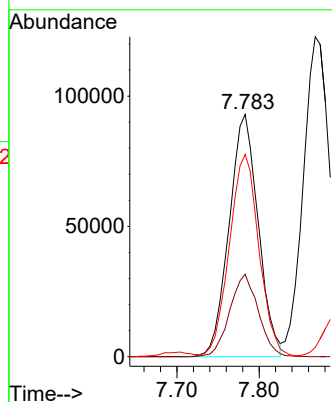
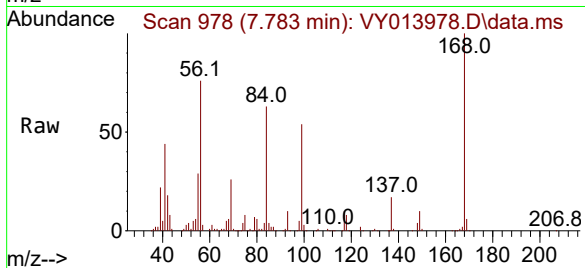




#31
Cyclohexane
Concen: 52.980 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

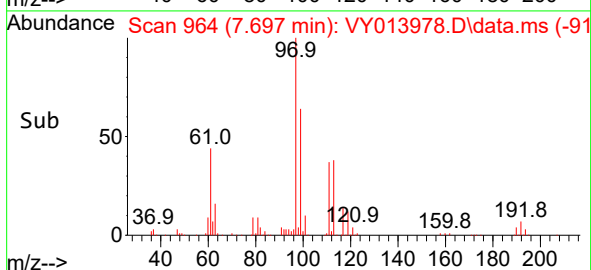
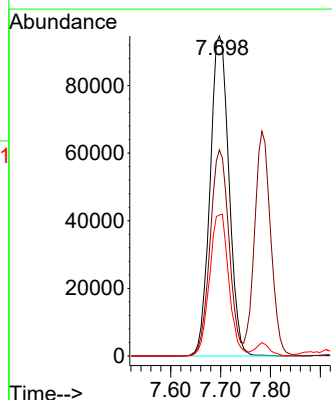
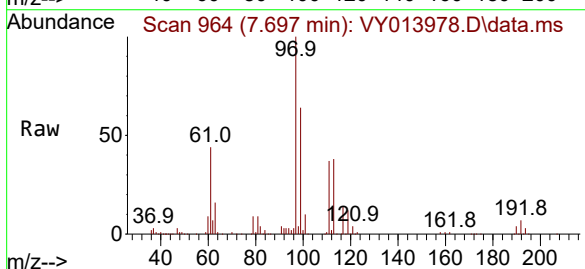
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

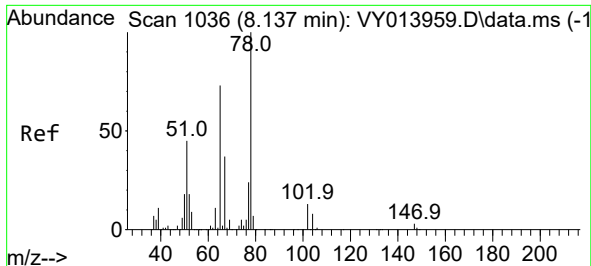
Tgt Ion: 56 Resp: 229002
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.6
84 81.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.254 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 97 Resp: 249831
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 45.0 35.1 52.7

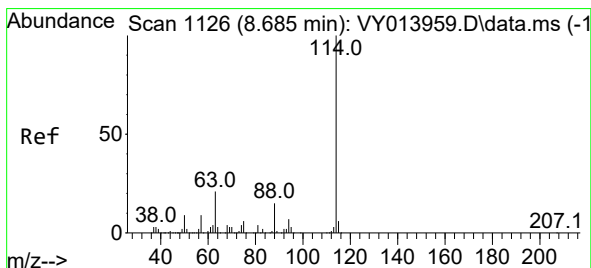
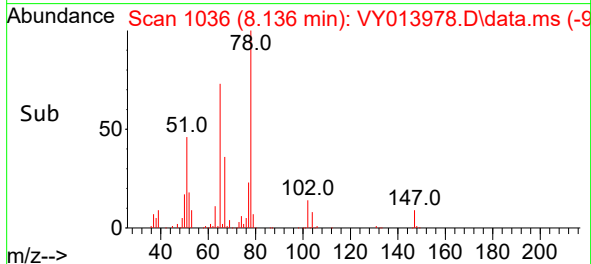
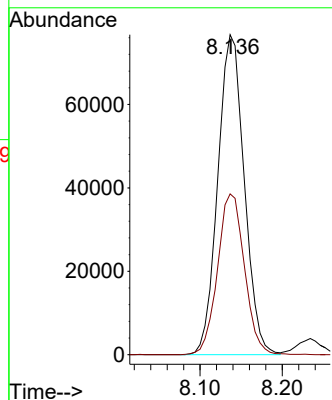
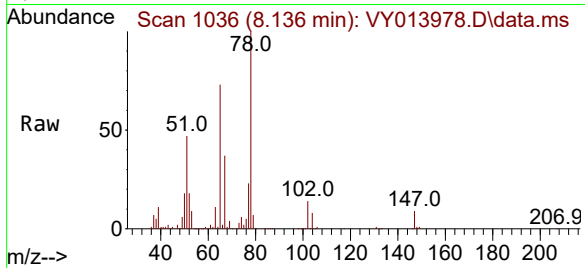




#33
 1,2-Dichloroethane-d4
 Concen: 47.804 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY013978.D
 Acq: 02 Jun 2023 09:54

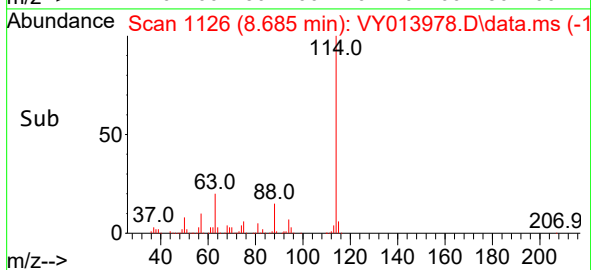
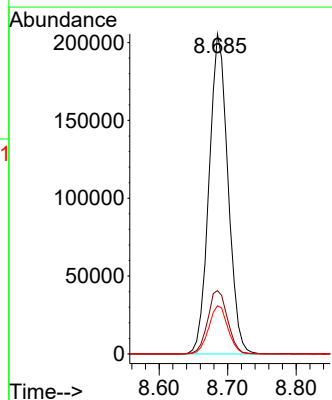
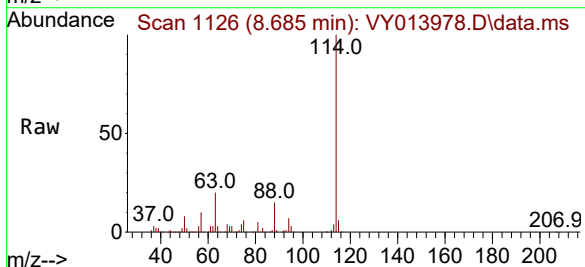
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

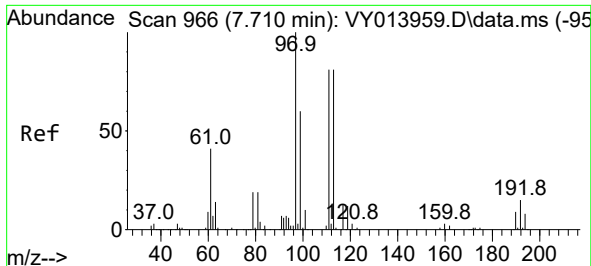
Tgt Ion: 65 Resp: 171598
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013978.D
 Acq: 02 Jun 2023 09:54

Tgt Ion: 114 Resp: 393777
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.0 0.0 30.6

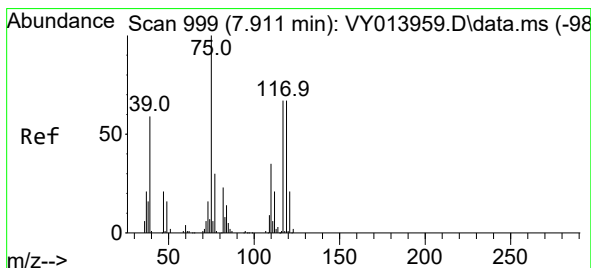
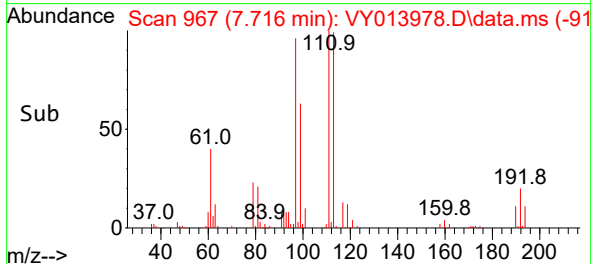
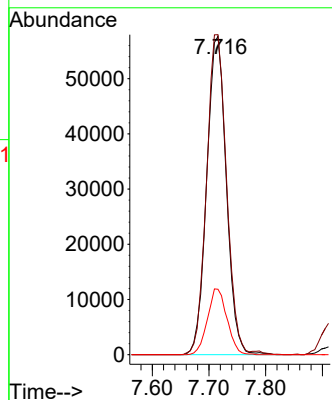
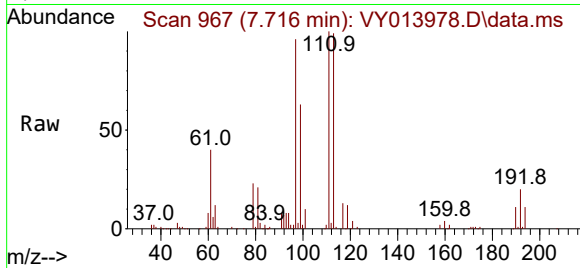




#35
Dibromofluoromethane
Concen: 55.227 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

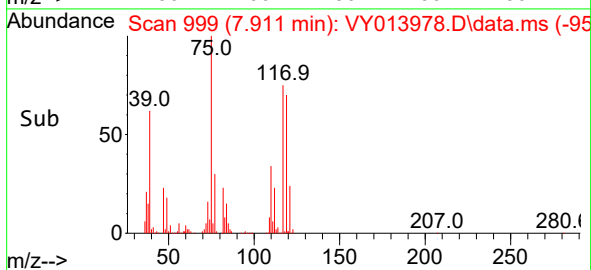
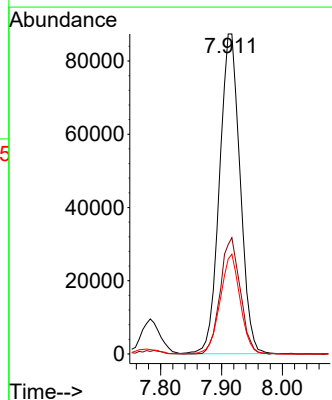
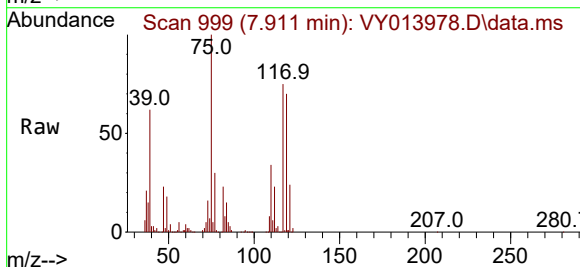
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

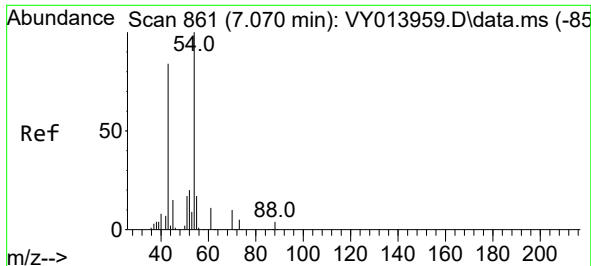
Tgt Ion:113 Resp: 138206
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 57.468 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 75 Resp: 204888
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 54.495 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

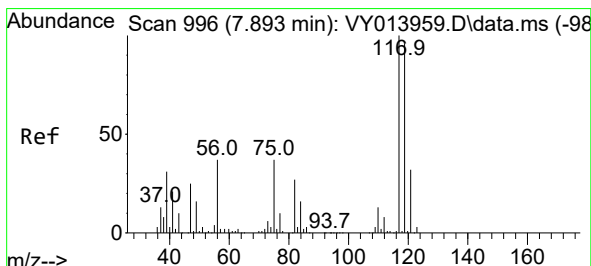
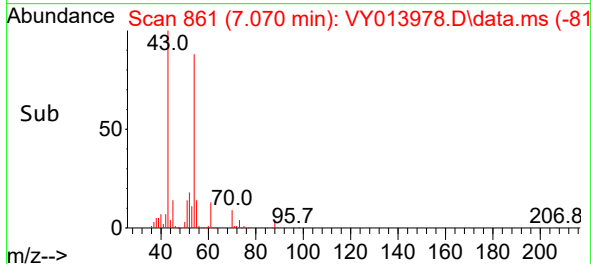
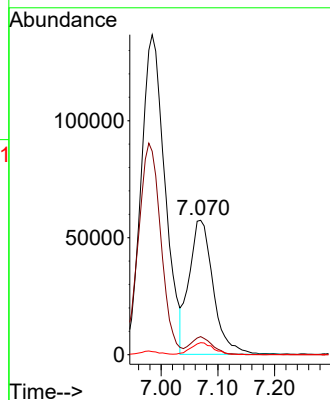
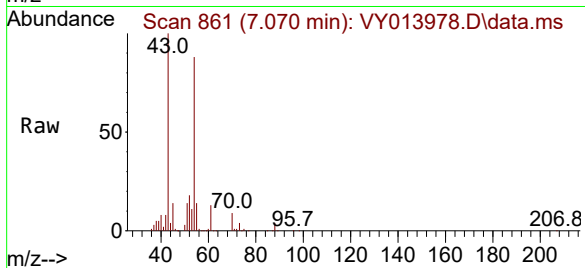
Tgt Ion: 43 Resp: 169393

Ion Ratio Lower Upper

43 100

61 12.1 10.1 15.1

70 8.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 58.276 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

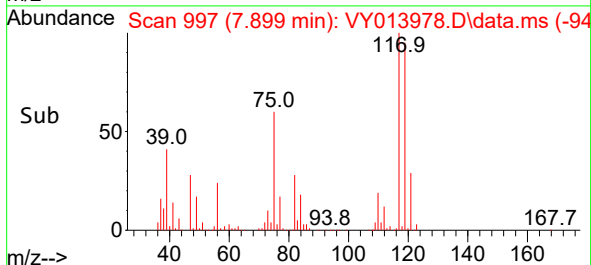
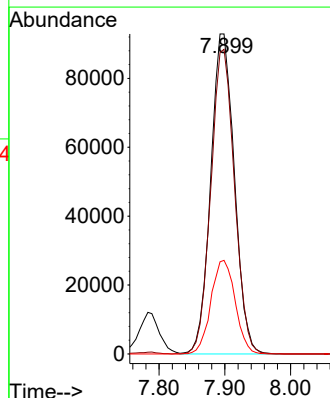
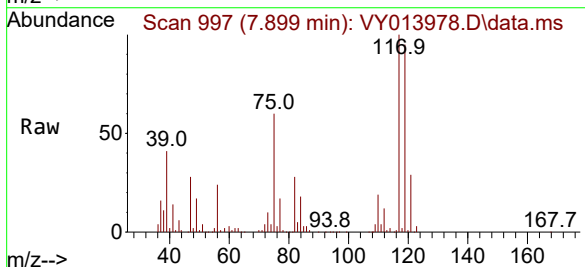
Tgt Ion: 117 Resp: 232823

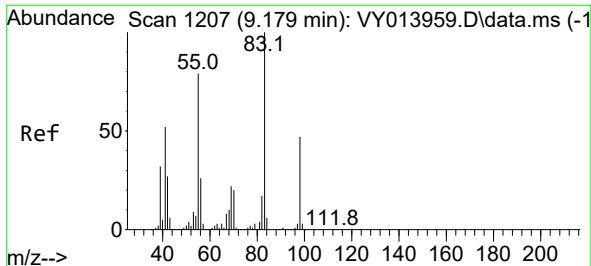
Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6

121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 60.264 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

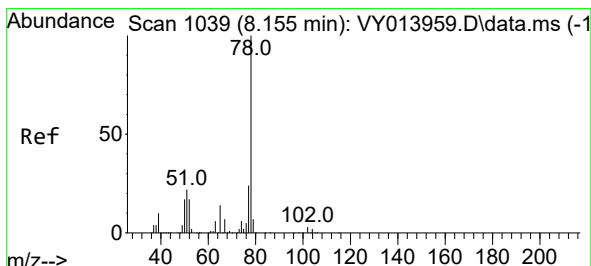
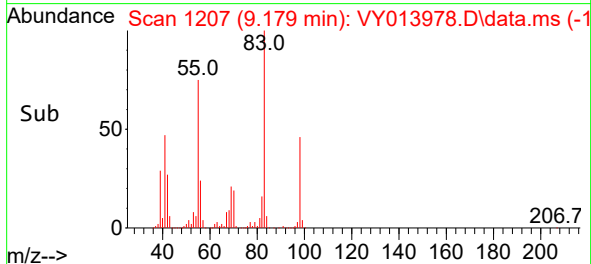
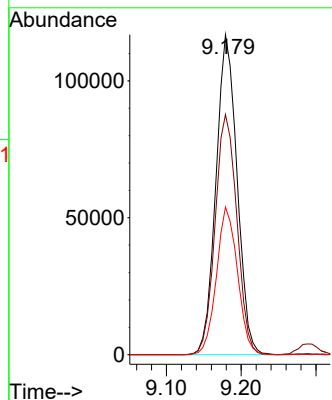
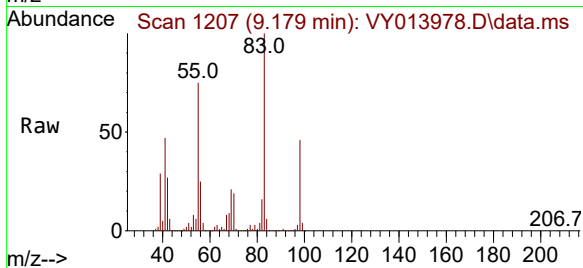
Tgt Ion: 83 Resp: 229377

Ion Ratio Lower Upper

83 100

55 75.1 63.0 94.4

98 46.1 37.4 56.2



#40

Benzene

Concen: 54.297 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013978.D

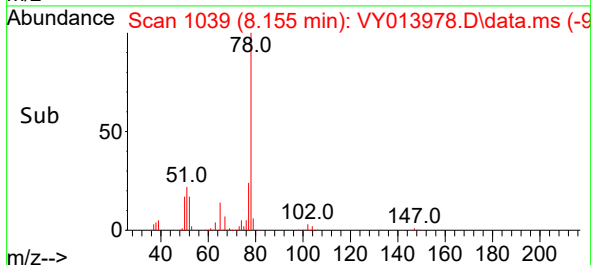
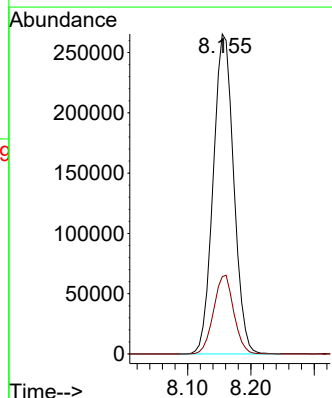
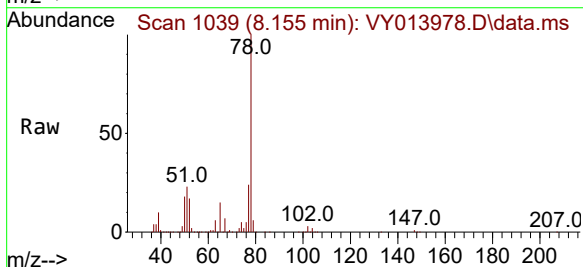
Acq: 02 Jun 2023 09:54

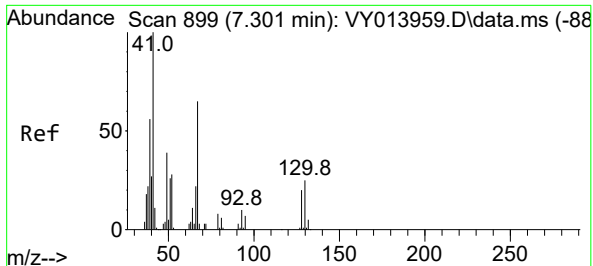
Tgt Ion: 78 Resp: 597170

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

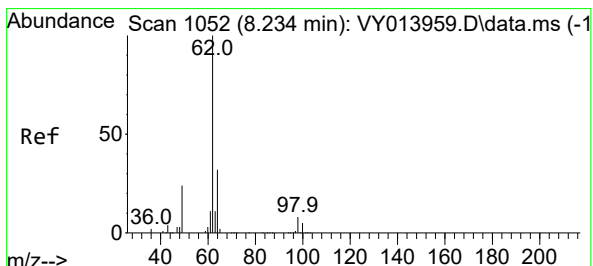
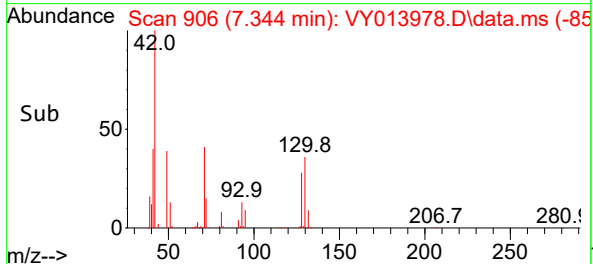
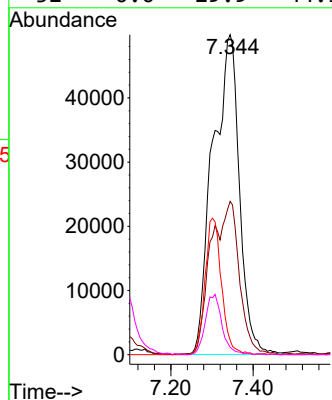
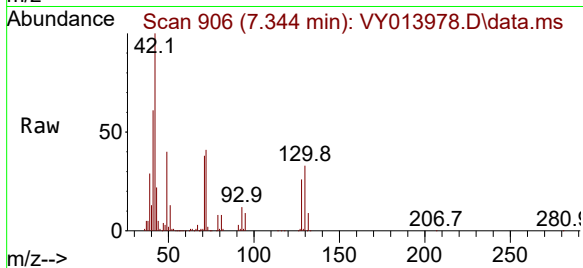




#41
Methacrylonitrile
Concen: 155.130 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

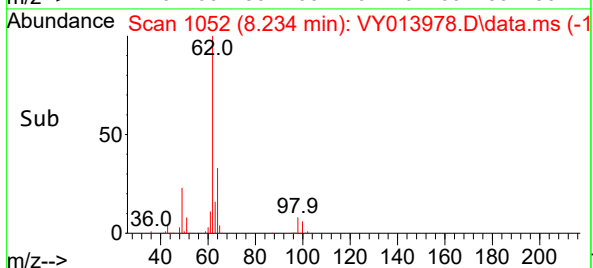
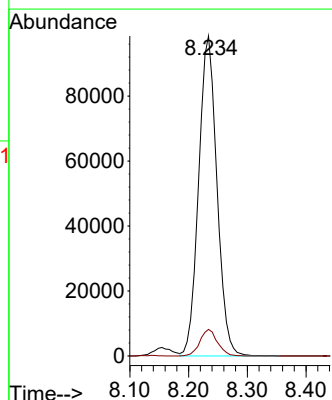
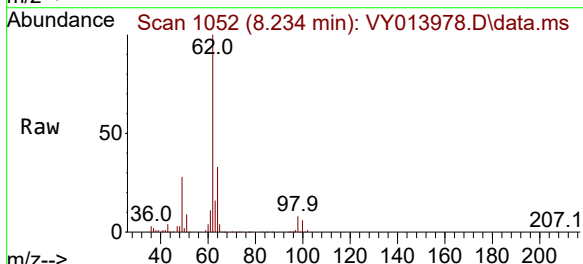
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

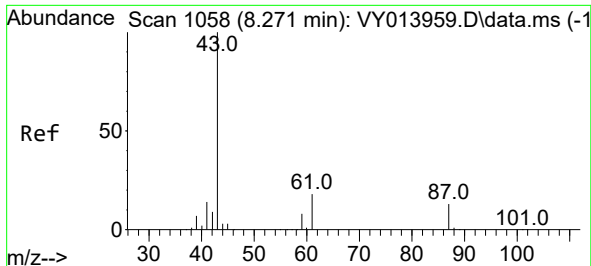
Tgt Ion: 41 Resp: 222871
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.835 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 62 Resp: 213078
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8

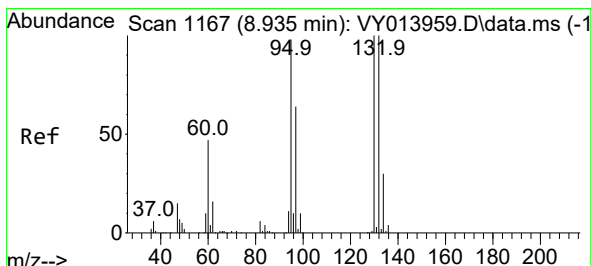
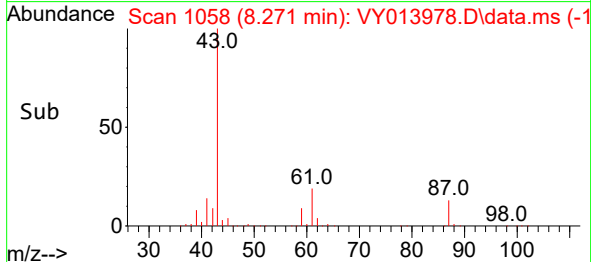
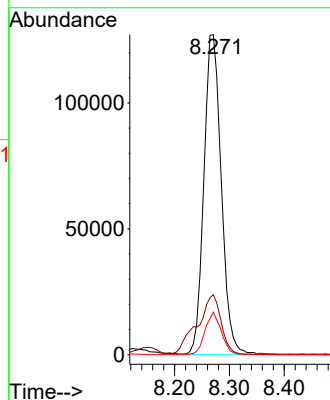
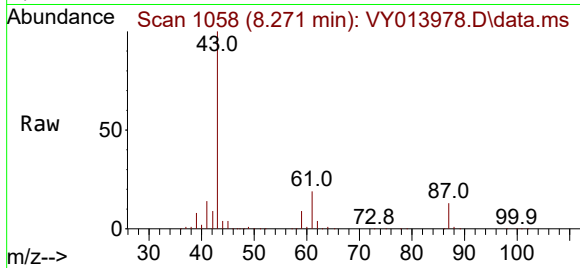




#43
Isopropyl Acetate
Concen: 53.385 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

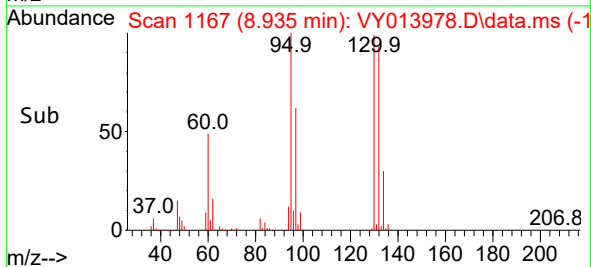
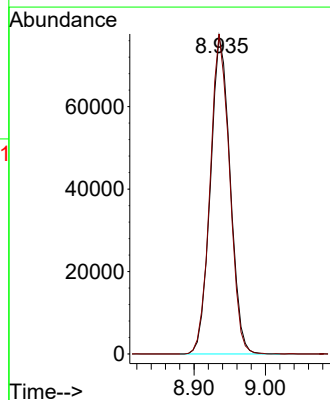
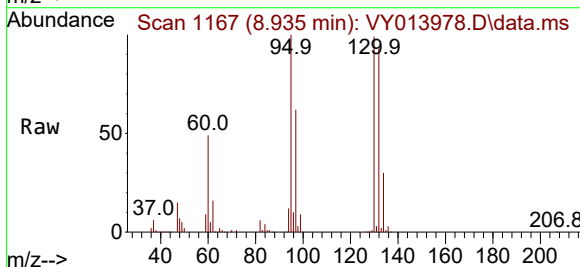
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

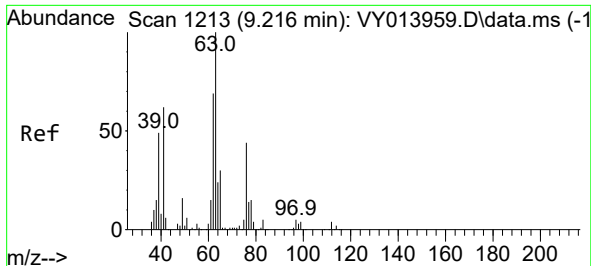
Tgt Ion: 43 Resp: 279417
Ion Ratio Lower Upper
43 100
61 25.9 21.1 31.7
87 12.4 9.8 14.8



#44
Trichloroethene
Concen: 51.315 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion:130 Resp: 147794
Ion Ratio Lower Upper
130 100
95 100.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.216 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

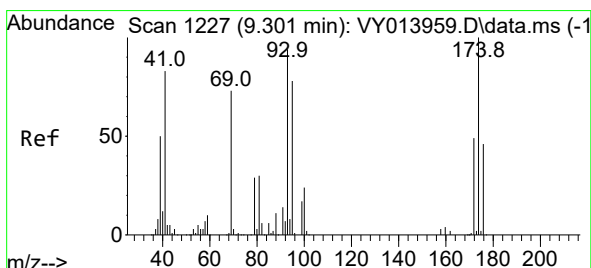
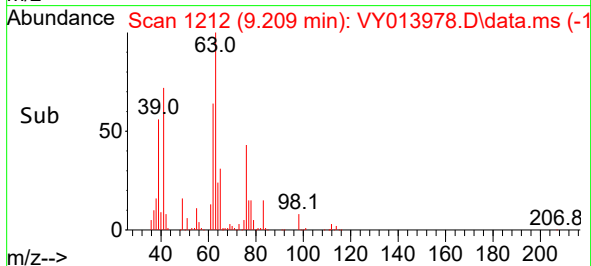
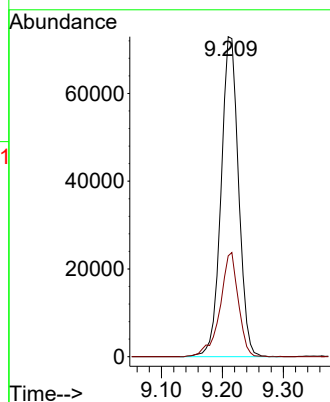
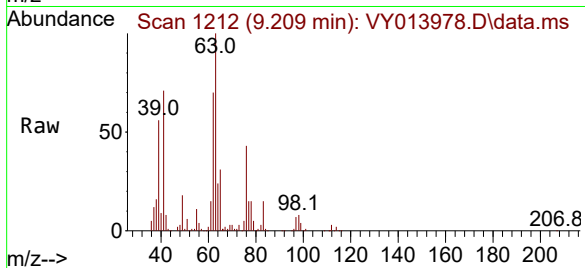
VSTDCCC050

Tgt Ion: 63 Resp: 145363

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.6



#46

Dibromomethane

Concen: 51.463 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

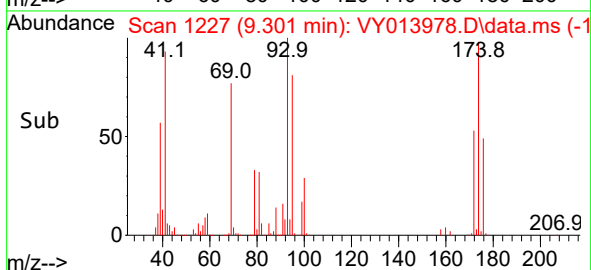
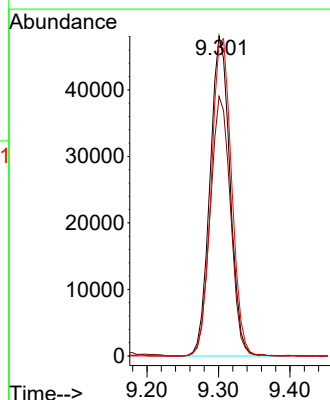
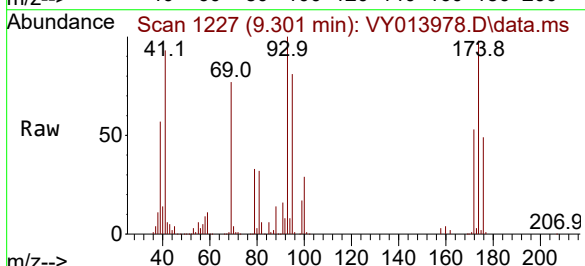
Tgt Ion: 93 Resp: 93510

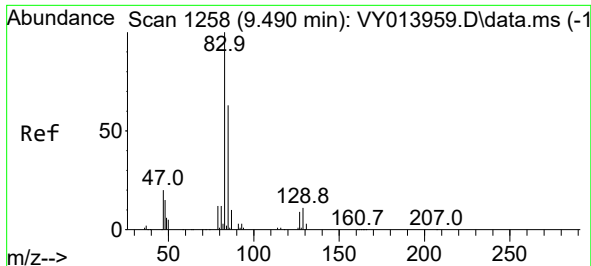
Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

174 101.1 84.8 127.2

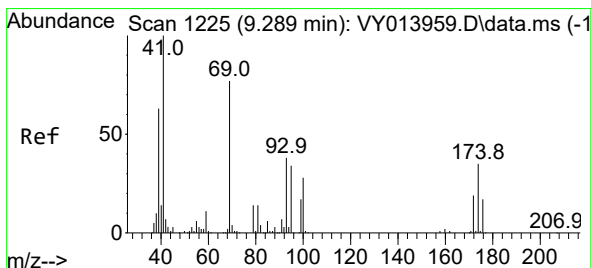
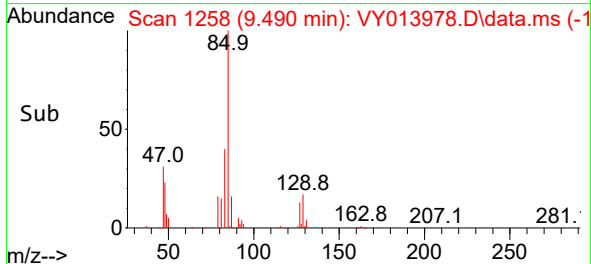
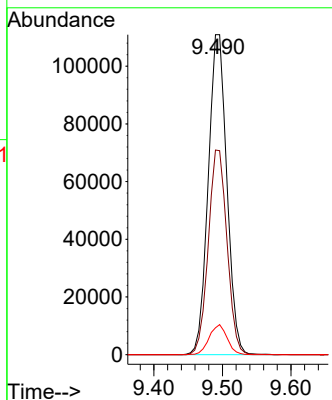
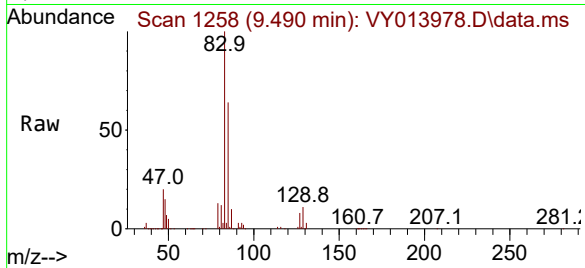




#47
Bromodichloromethane
Concen: 51.093 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

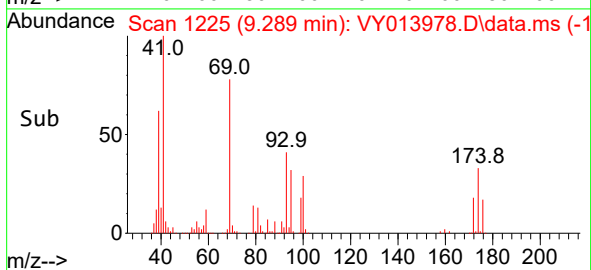
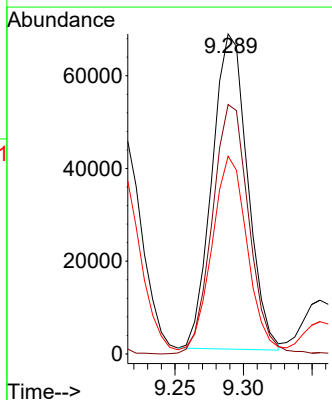
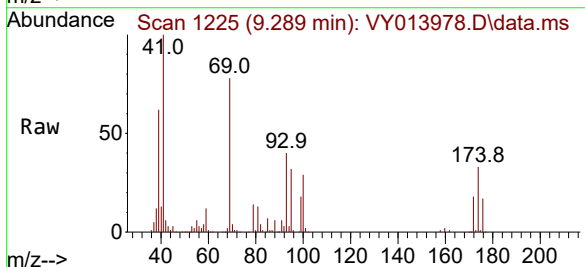
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

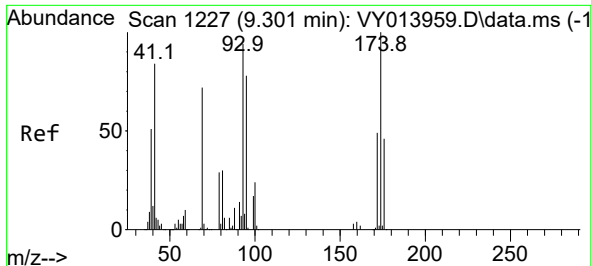
Tgt Ion: 83 Resp: 209134
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 51.402 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 41 Resp: 122454
Ion Ratio Lower Upper
41 100
69 81.7 64.5 96.7
39 60.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1031.515 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

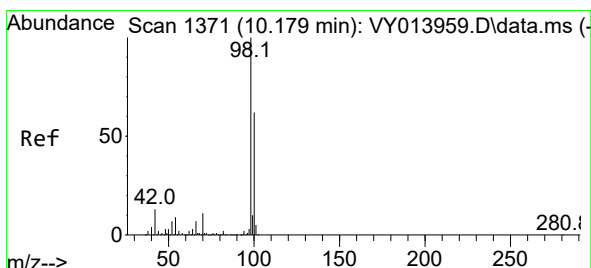
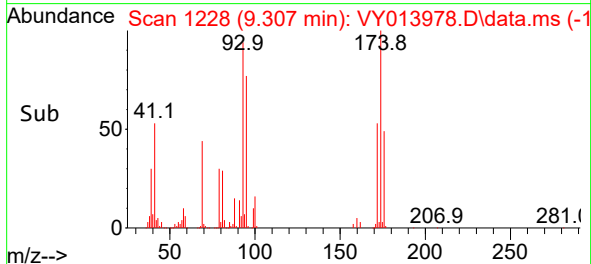
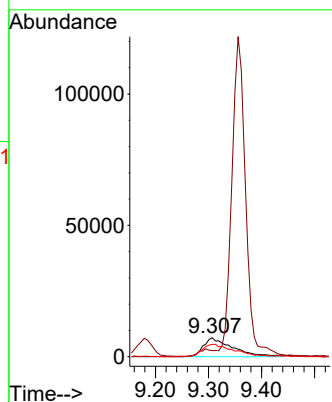
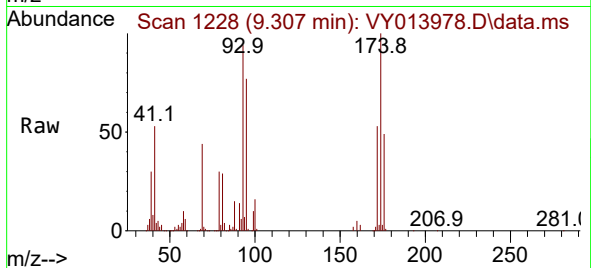
Tgt Ion: 88 Resp: 27257

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.8 30.9 46.3#



#50

Toluene-d8

Concen: 52.108 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013978.D

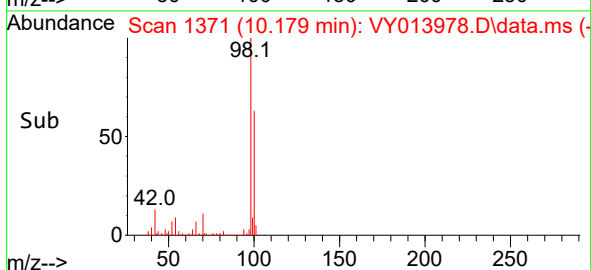
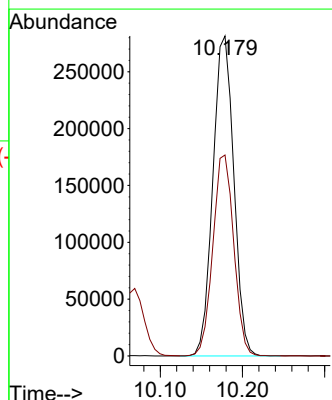
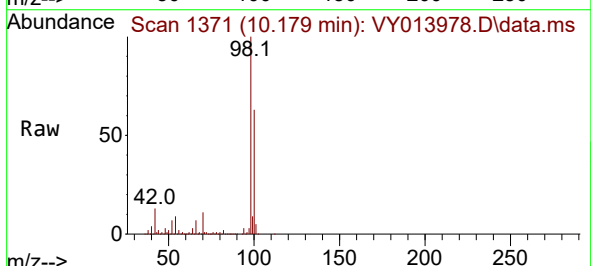
Acq: 02 Jun 2023 09:54

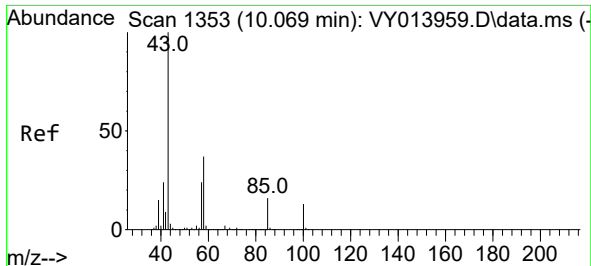
Tgt Ion: 98 Resp: 497398

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1

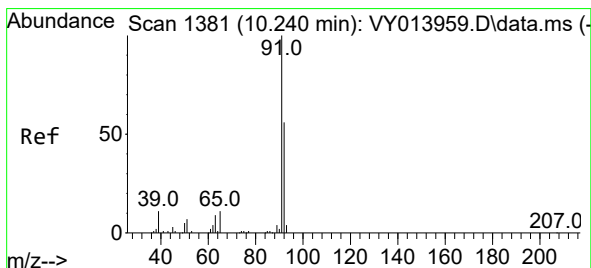
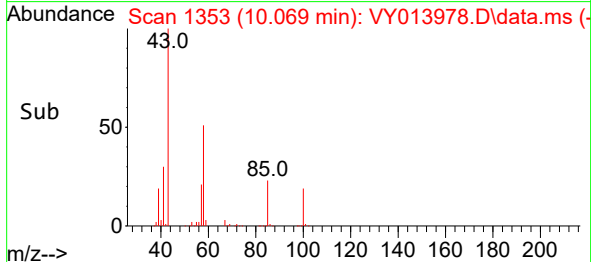
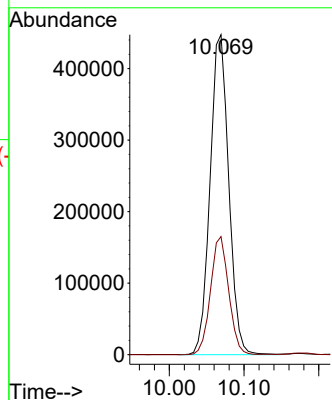
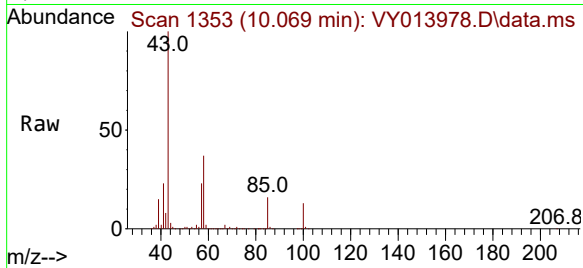




#51
4-Methyl-2-Pentanone
Concen: 262.114 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

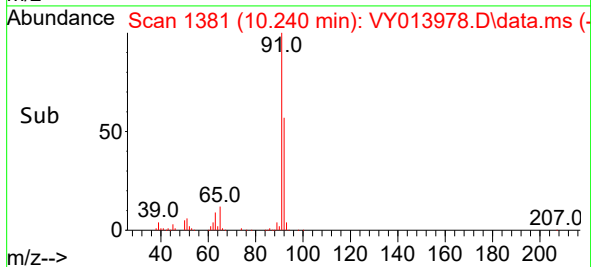
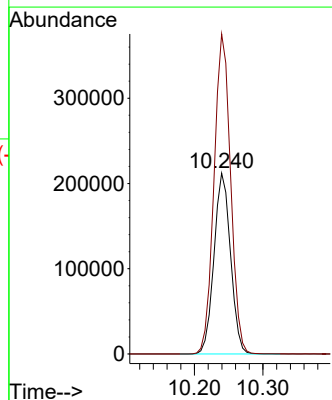
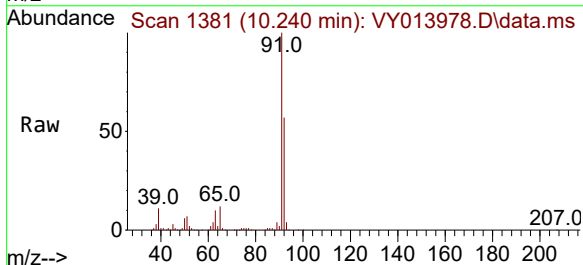
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

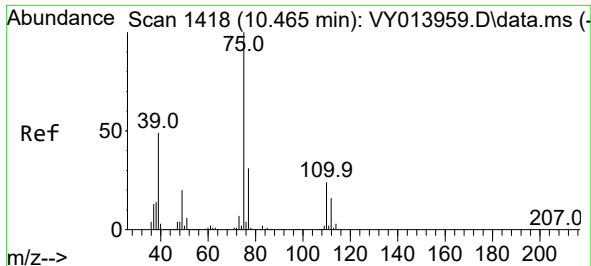
Tgt Ion: 43 Resp: 774885
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6



#52
Toluene
Concen: 52.524 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 92 Resp: 353889
Ion Ratio Lower Upper
92 100
91 178.0 143.8 215.6

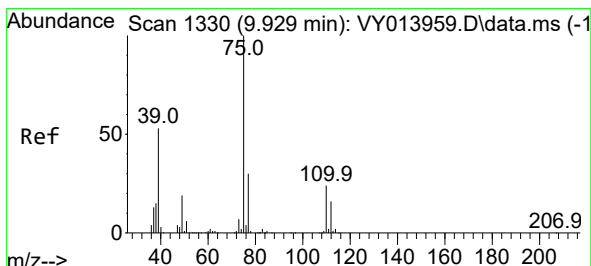
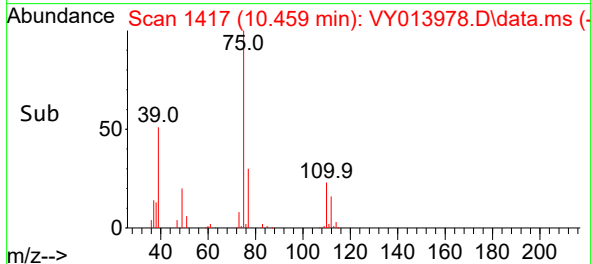
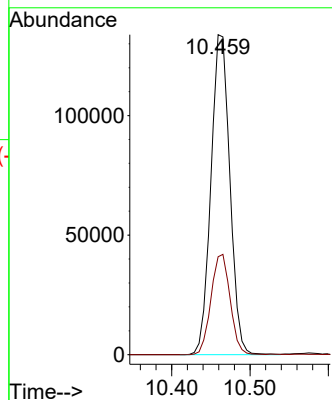
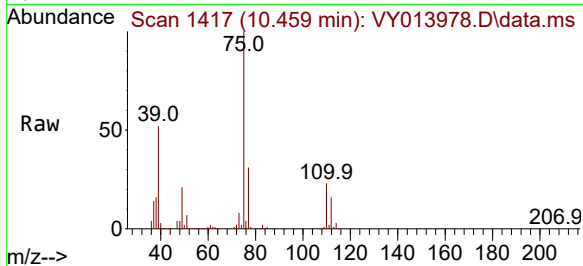




#53
 t-1,3-Dichloropropene
 Concen: 51.073 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013978.D
 Acq: 02 Jun 2023 09:54

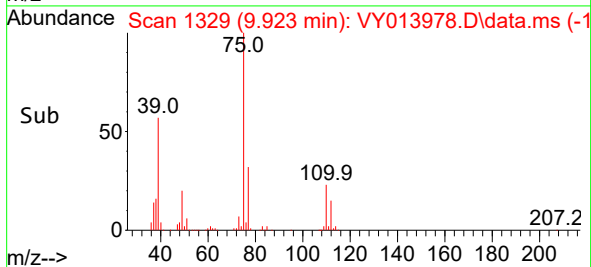
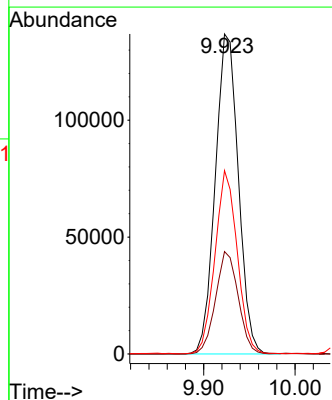
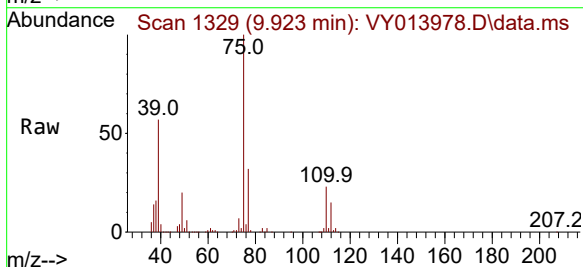
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

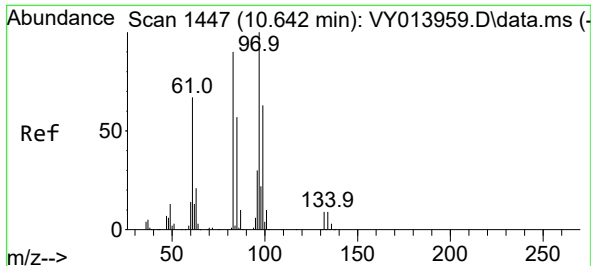
Tgt Ion: 75 Resp: 224561
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.249 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013978.D
 Acq: 02 Jun 2023 09:54

Tgt Ion: 75 Resp: 240580
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 57.3 42.2 63.4

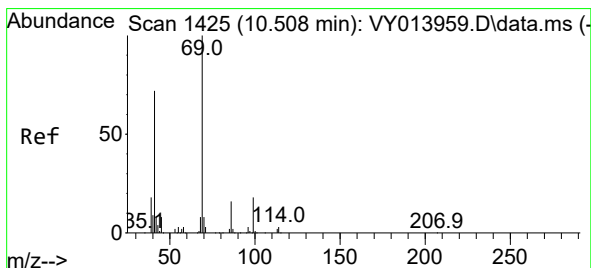
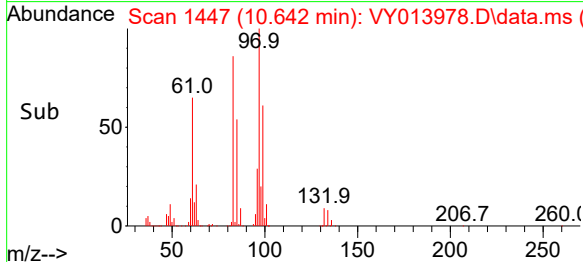
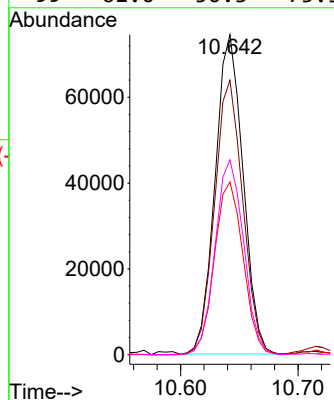
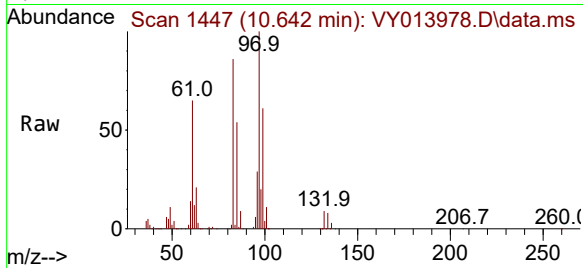




#55
1,1,2-Trichloroethane
Concen: 51.245 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

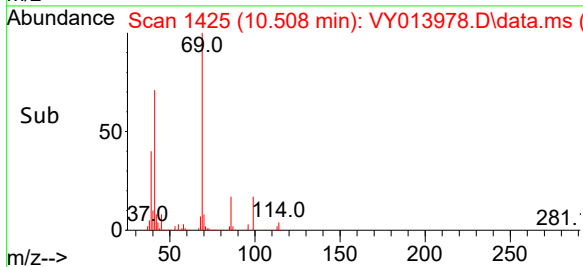
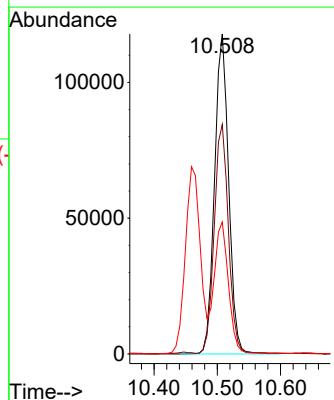
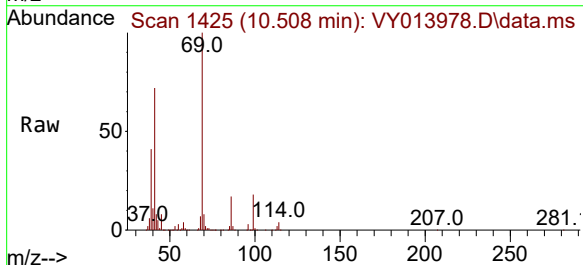
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

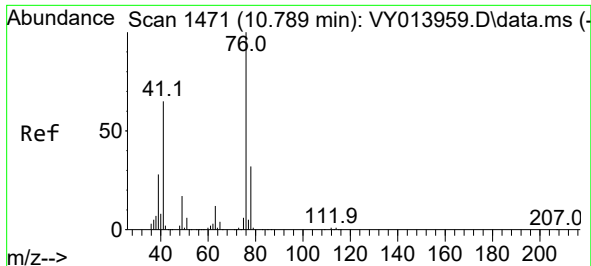
Tgt Ion:	97	Resp:	122757
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.0	108.0
85	54.1	45.4	68.0
99	61.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 52.878 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion:	69	Resp:	181870
Ion	Ratio	Lower	Upper
69	100		
41	72.3	57.6	86.4
39	41.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.049 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

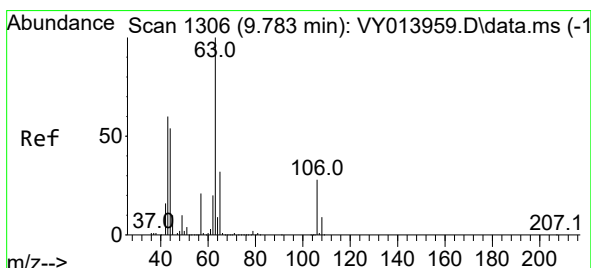
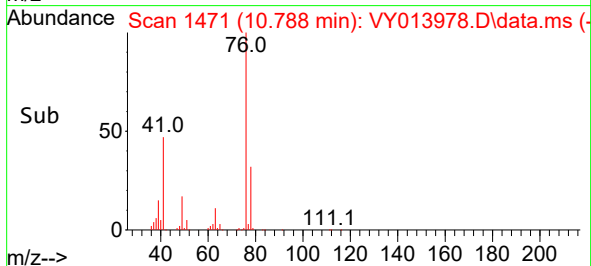
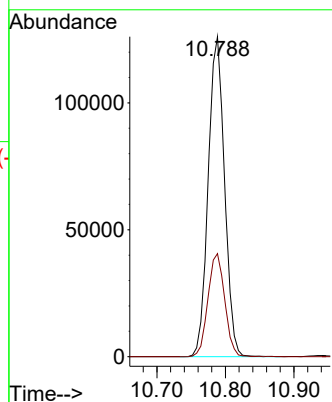
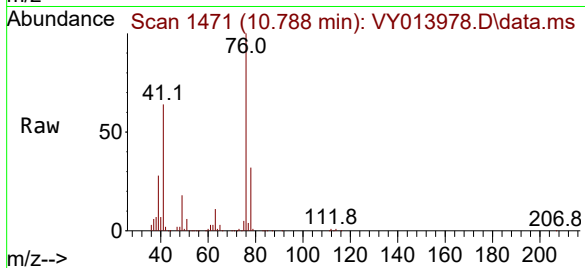
VSTDCCC050

Tgt Ion: 76 Resp: 208951

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 251.388 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY013978.D

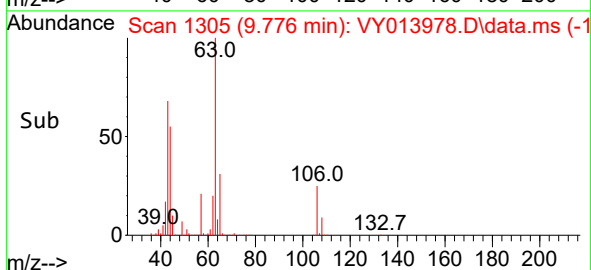
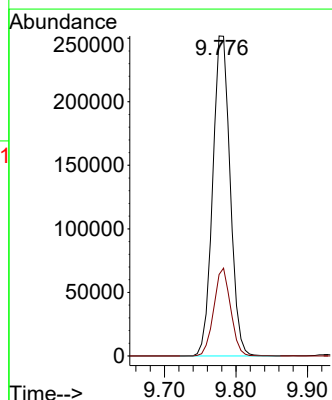
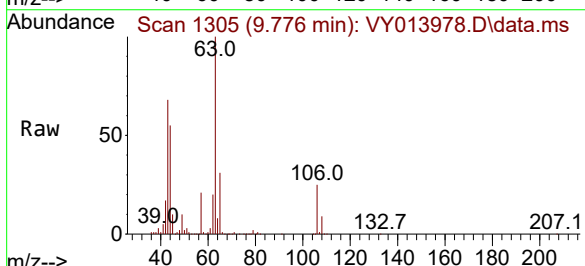
Acq: 02 Jun 2023 09:54

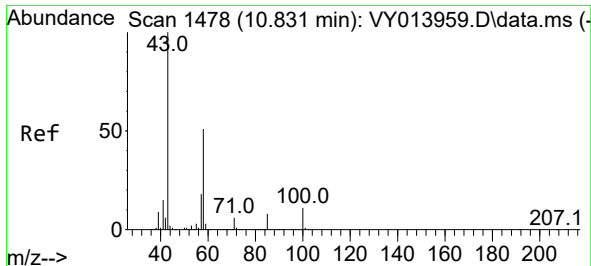
Tgt Ion: 63 Resp: 425657

Ion Ratio Lower Upper

63 100

106 26.5 21.2 31.8

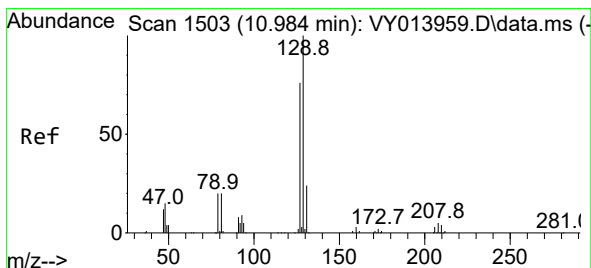
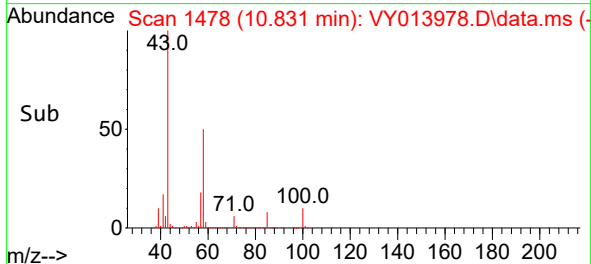
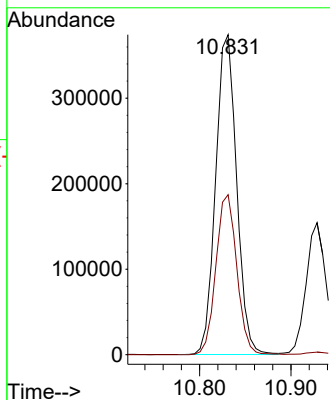
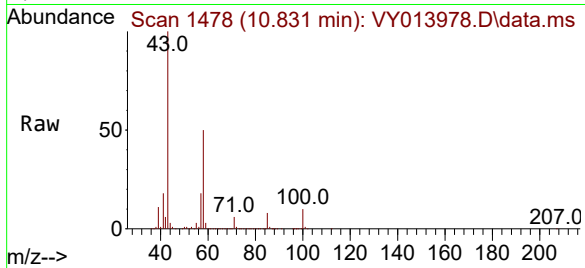




#59
2-Hexanone
Concen: 278.953 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

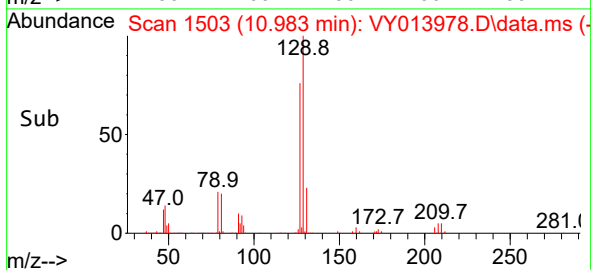
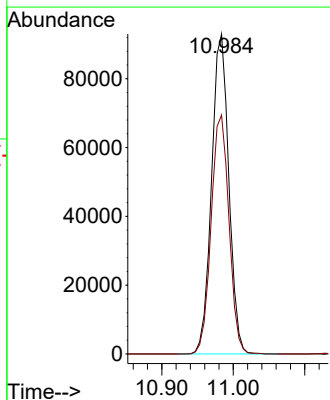
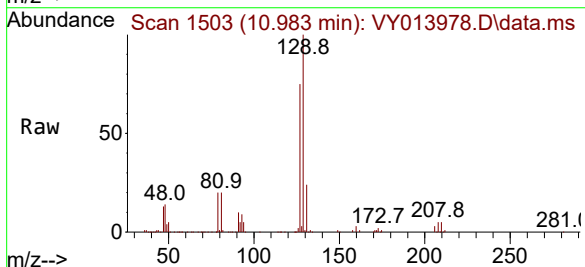
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

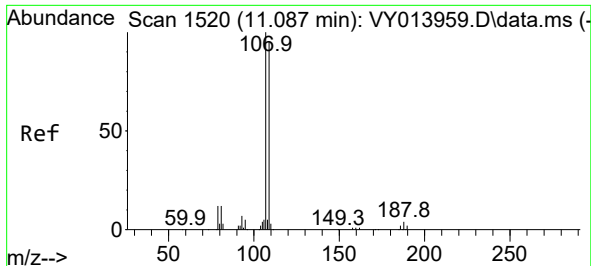
Tgt Ion: 43 Resp: 597145
Ion Ratio Lower Upper
43 100
58 49.9 25.1 75.3



#60
Dibromochloromethane
Concen: 51.371 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 129 Resp: 155534
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

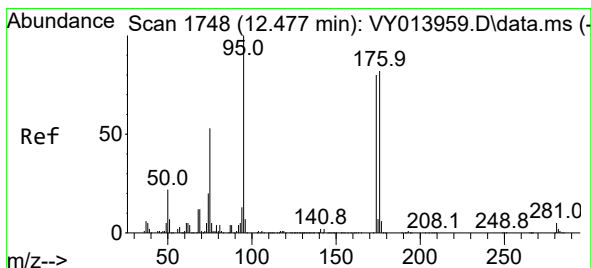
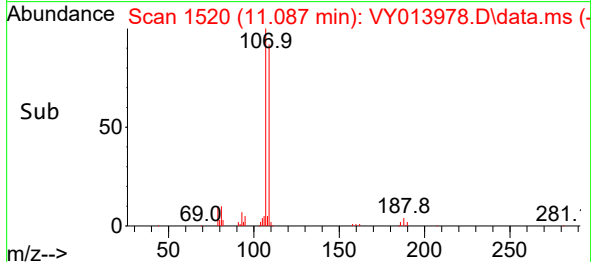
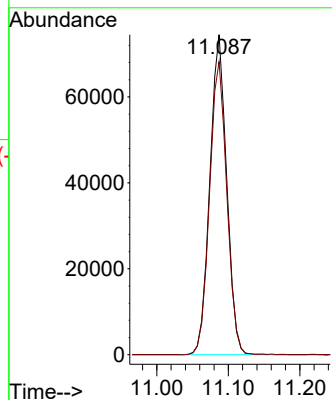
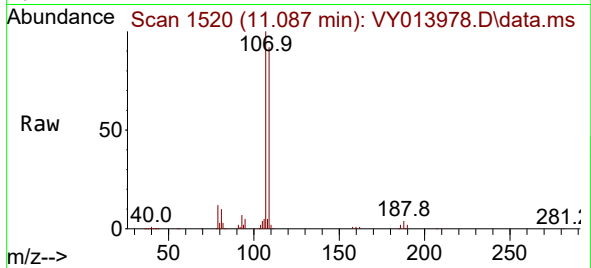




#61
1,2-Dibromoethane
Concen: 50.505 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

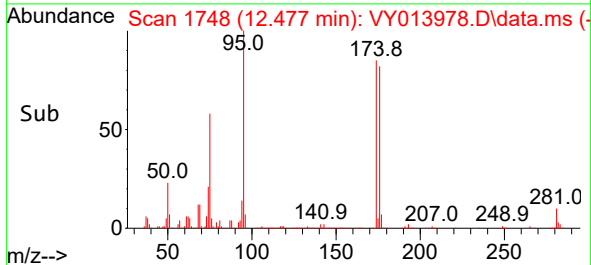
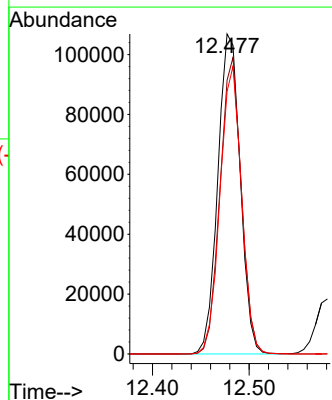
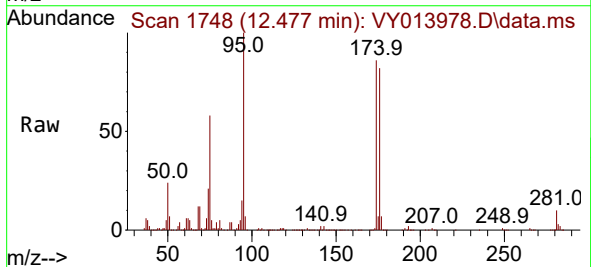
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

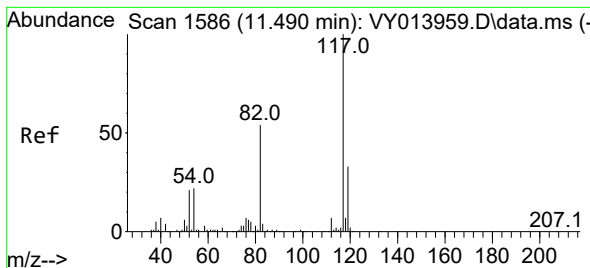
Tgt Ion:107 Resp: 121556
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.657 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 95 Resp: 171360
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 86.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

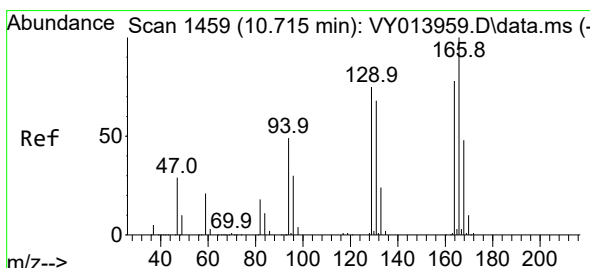
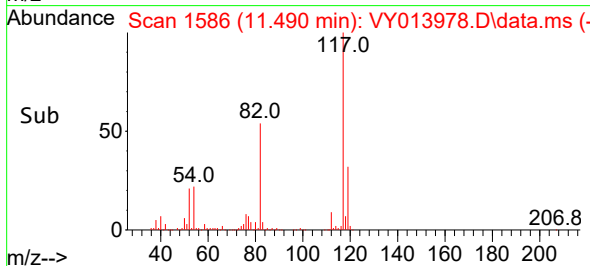
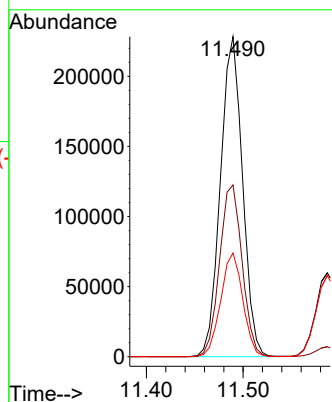
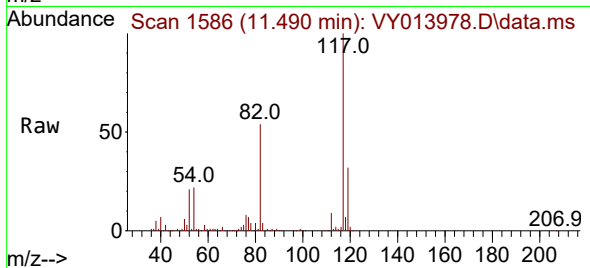
Tgt Ion:117 Resp: 361754

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 54.316 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Tgt Ion:164 Resp: 134610

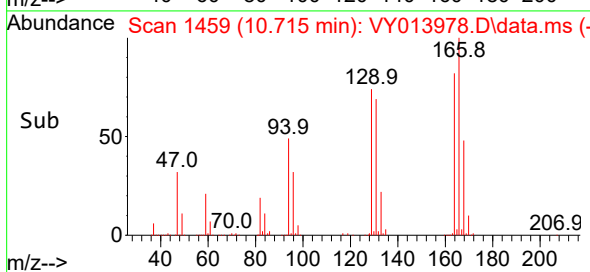
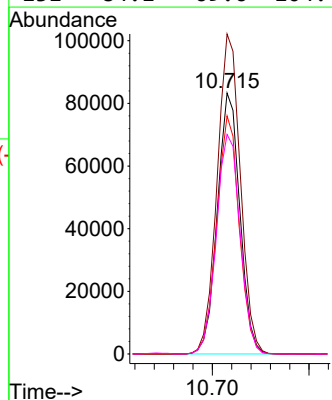
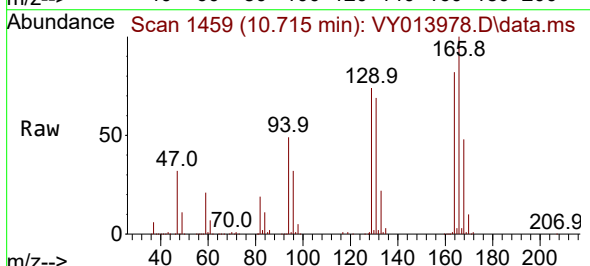
Ion Ratio Lower Upper

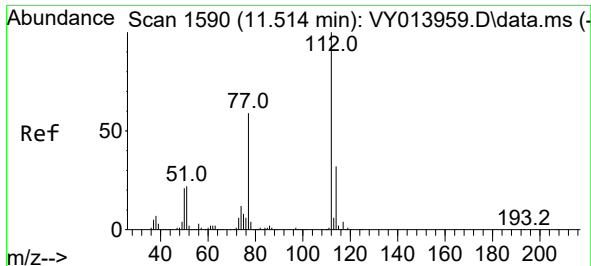
164 100

166 122.6 103.0 154.6

129 91.3 77.2 115.8

131 84.1 69.6 104.4

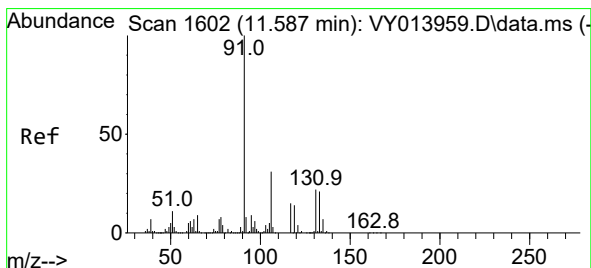
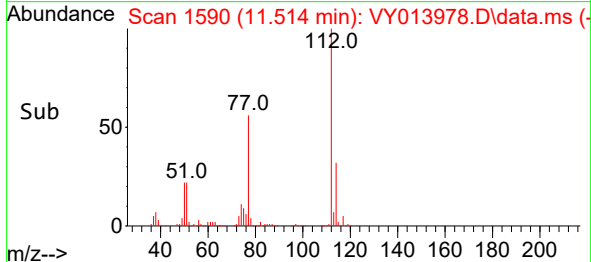
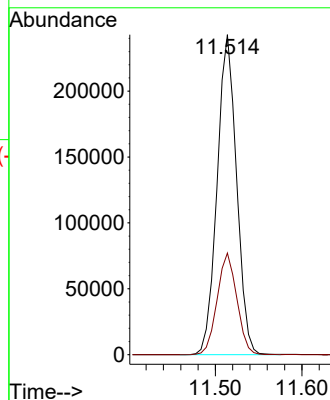
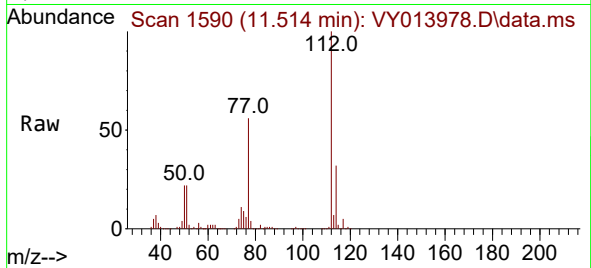




#65
Chlorobenzene
Concen: 51.003 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

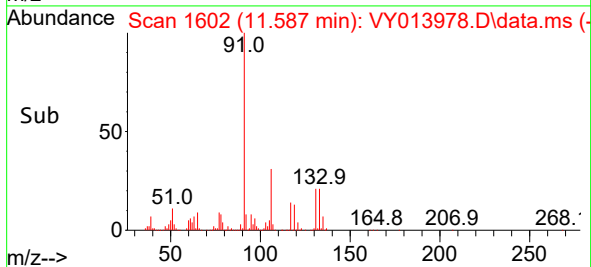
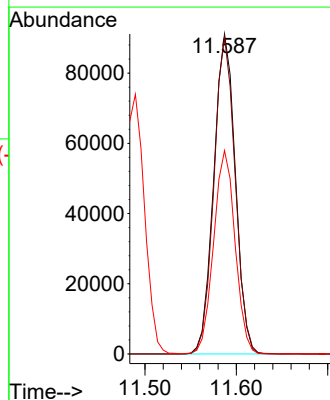
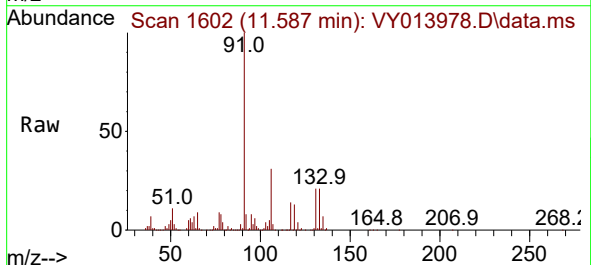
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

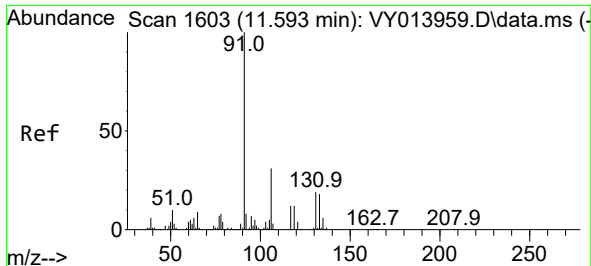
Tgt Ion:112 Resp: 378522
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.727 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion:131 Resp: 149450
Ion Ratio Lower Upper
131 100
133 97.4 47.5 142.6
119 63.2 31.6 94.7





#67

Ethyl Benzene

Concen: 53.499 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

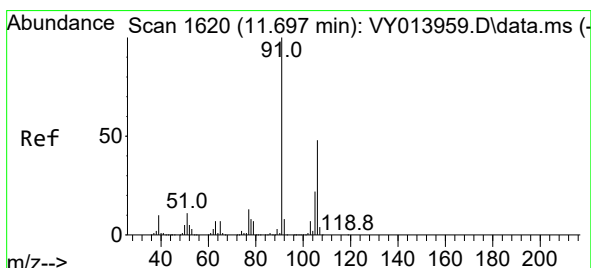
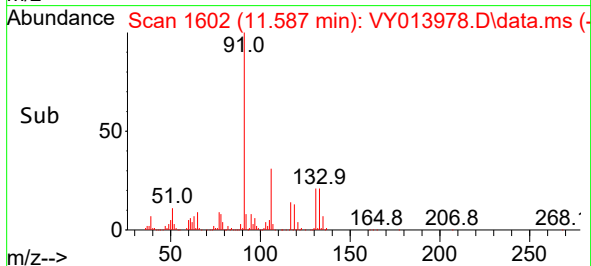
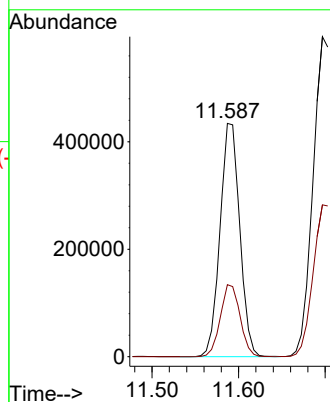
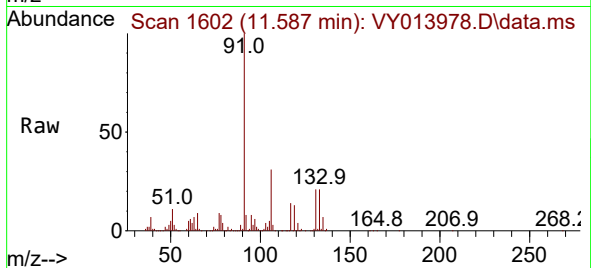
VSTDCCC050

Tgt Ion: 91 Resp: 687260

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 107.158 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY013978.D

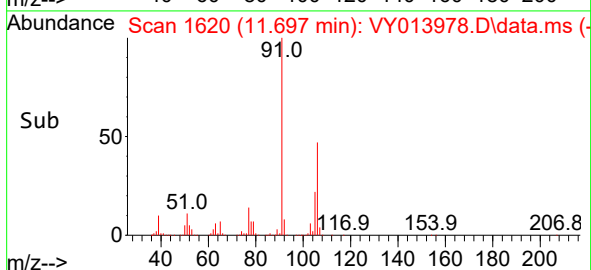
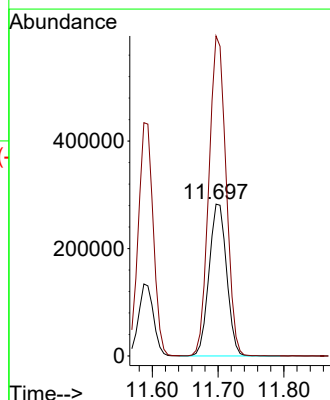
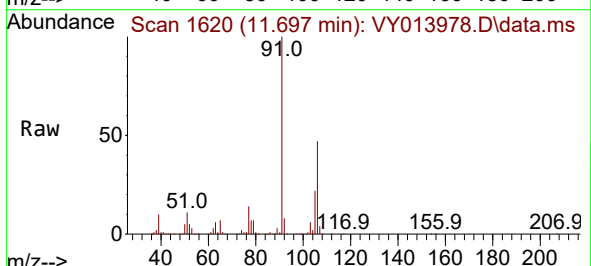
Acq: 02 Jun 2023 09:54

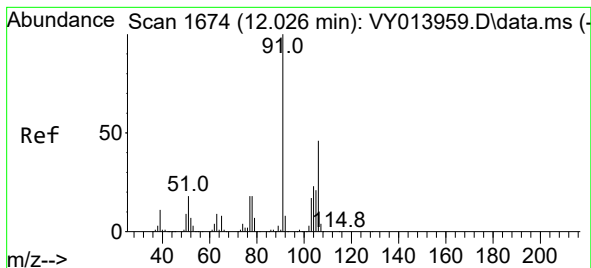
Tgt Ion: 106 Resp: 525830

Ion Ratio Lower Upper

106 100

91 205.7 166.1 249.1

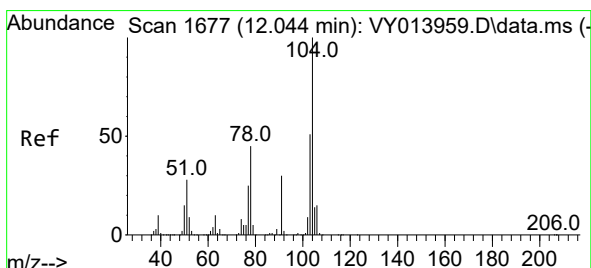
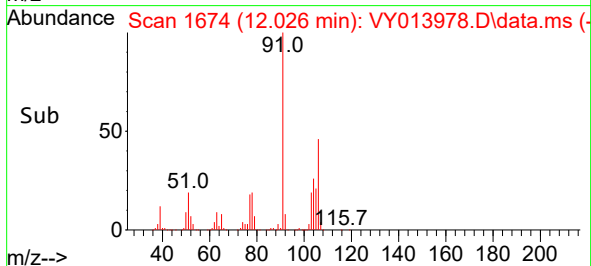
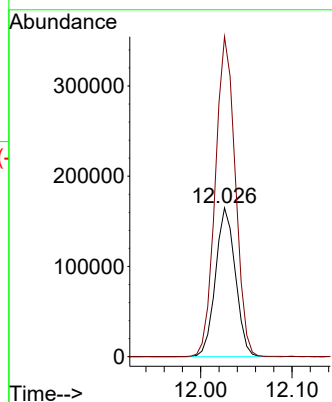
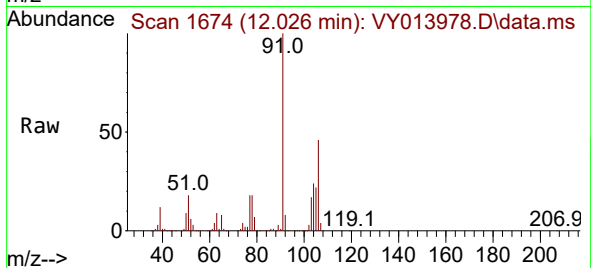




#69
o-Xylene
Concen: 52.932 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

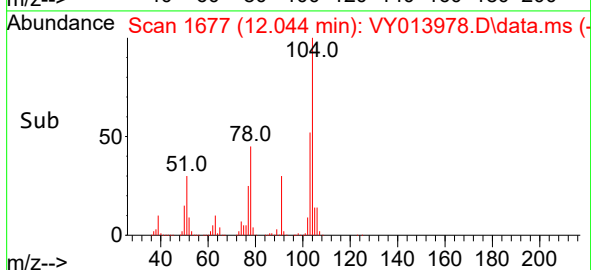
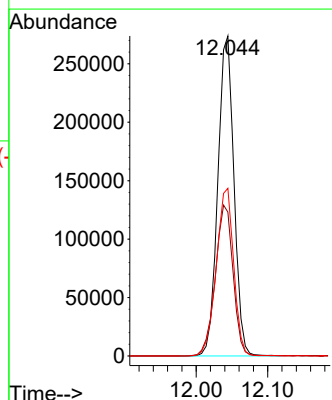
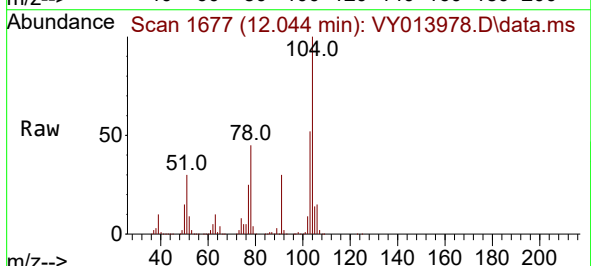
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

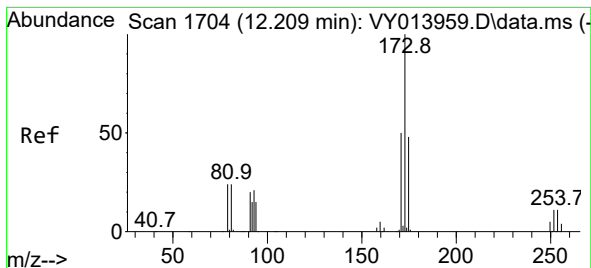
Tgt Ion:106 Resp: 248885
Ion Ratio Lower Upper
106 100
91 217.0 108.1 324.3



#70
Styrene
Concen: 53.115 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion:104 Resp: 428967
Ion Ratio Lower Upper
104 100
78 52.0 41.5 62.3
103 56.6 44.6 67.0





#71

Bromoform

Concen: 51.361 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

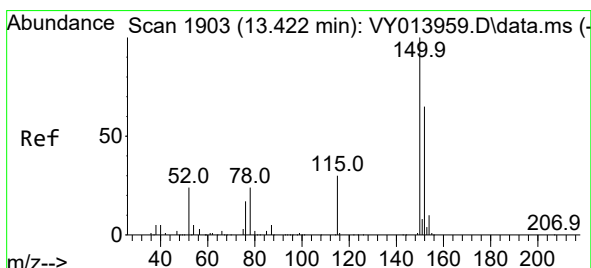
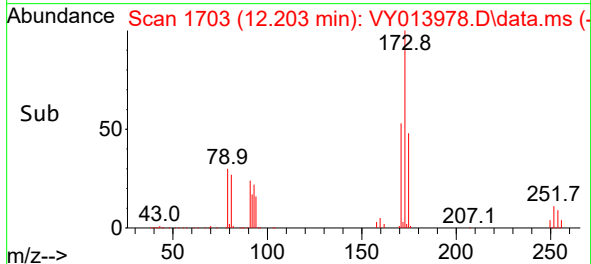
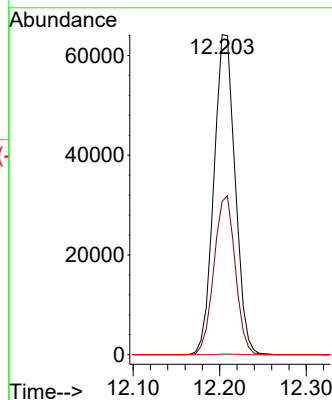
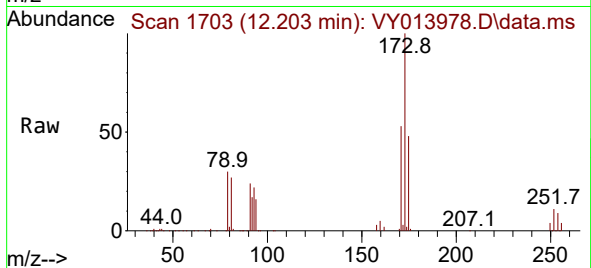
Tgt Ion:173 Resp: 109401

Ion Ratio Lower Upper

173 100

175 49.8 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

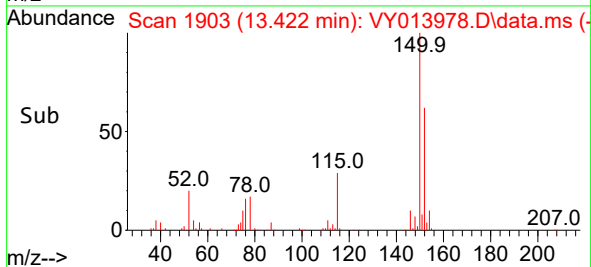
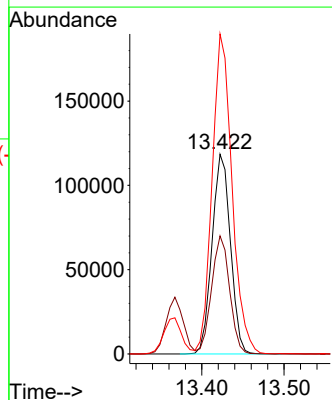
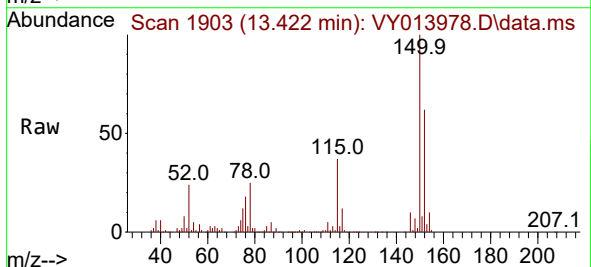
Tgt Ion:152 Resp: 184048

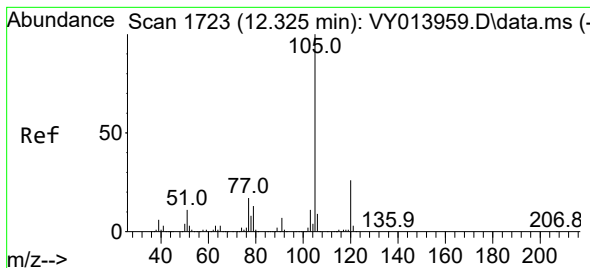
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 173.0 0.0 348.8





#73

Isopropylbenzene

Concen: 53.260 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

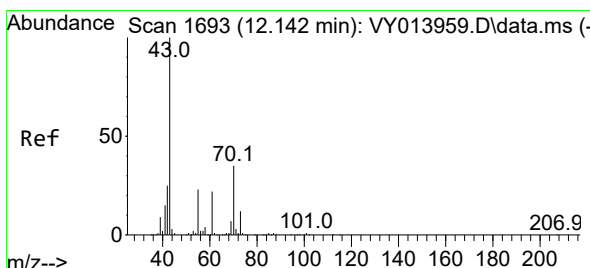
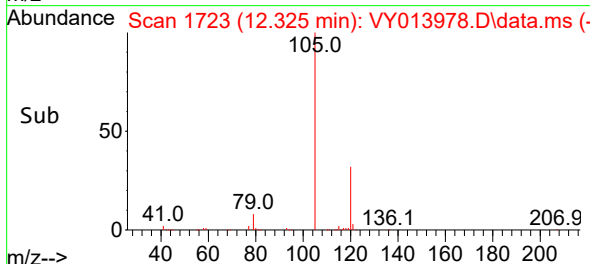
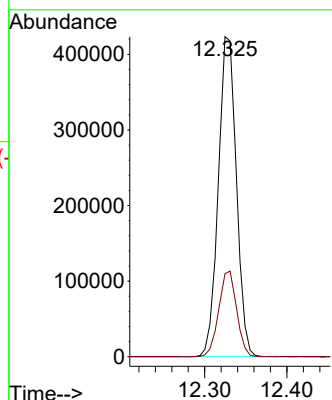
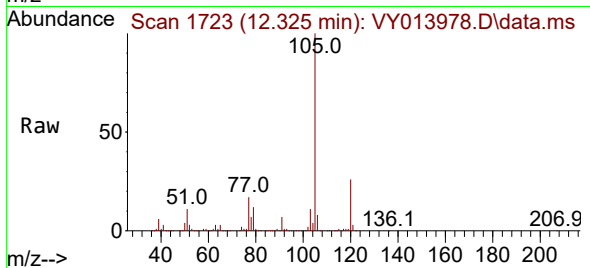
VSTDCCC050

Tgt Ion:105 Resp: 646993

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 51.410 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Tgt Ion: 43 Resp: 239605

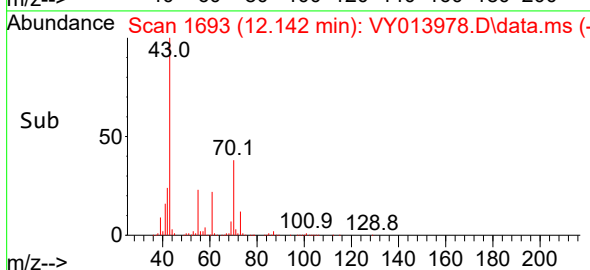
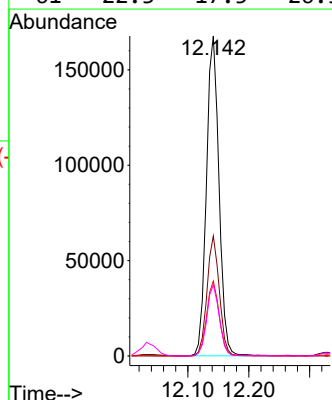
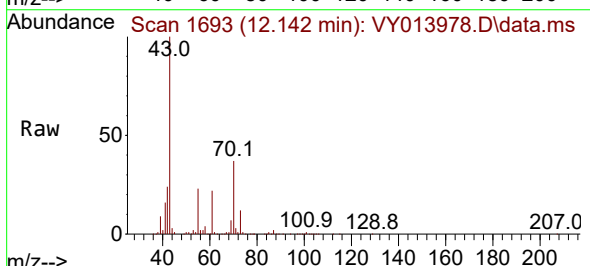
Ion Ratio Lower Upper

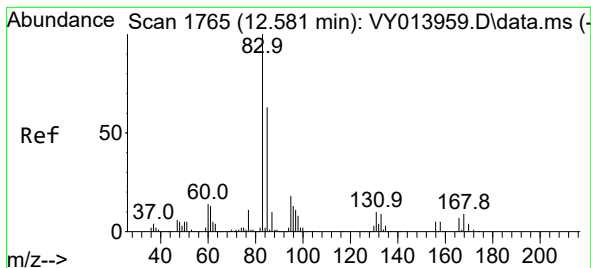
43 100

70 36.9 29.7 44.5

55 23.7 18.3 27.5

61 22.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.820 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

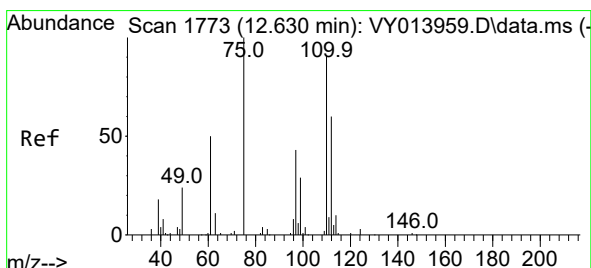
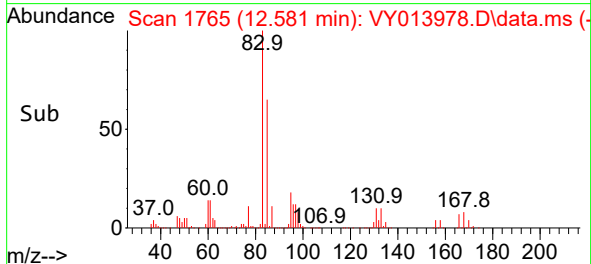
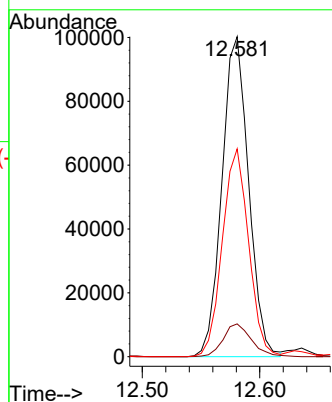
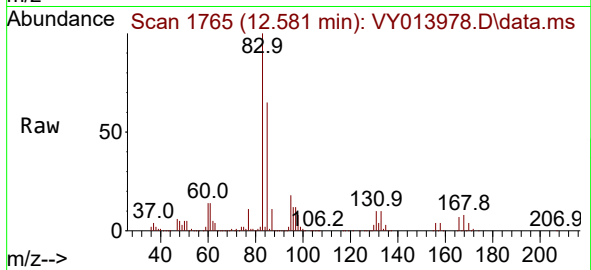
Tgt Ion: 83 Resp: 158175

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.755 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013978.D

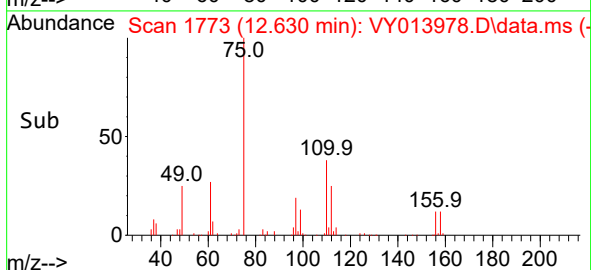
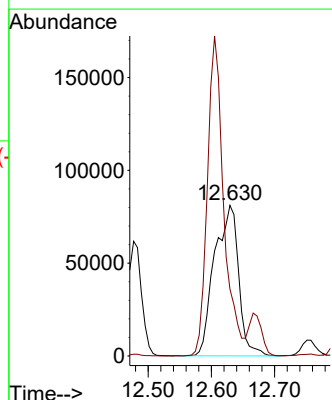
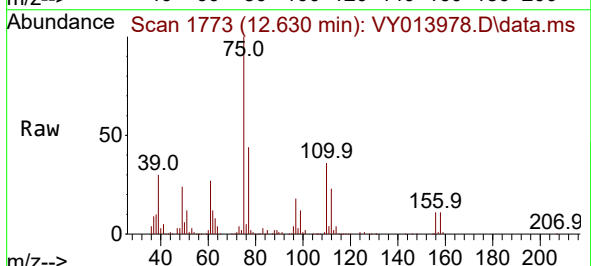
Acq: 02 Jun 2023 09:54

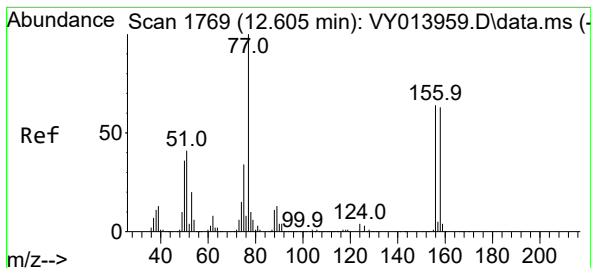
Tgt Ion: 75 Resp: 214869

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.815 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

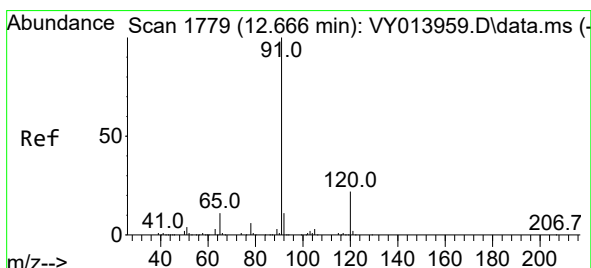
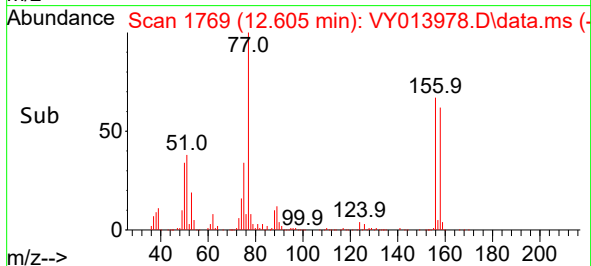
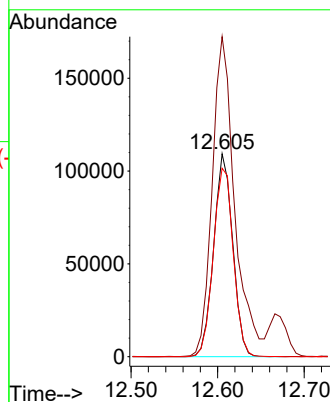
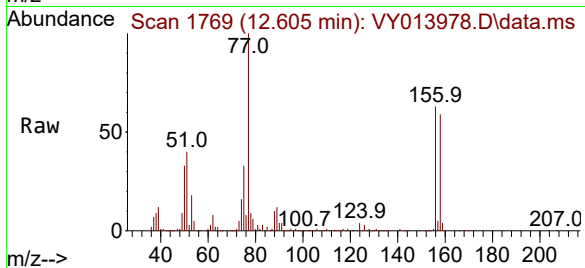
Tgt Ion:156 Resp: 166874

Ion Ratio Lower Upper

156 100

77 186.6 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 54.345 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY013978.D

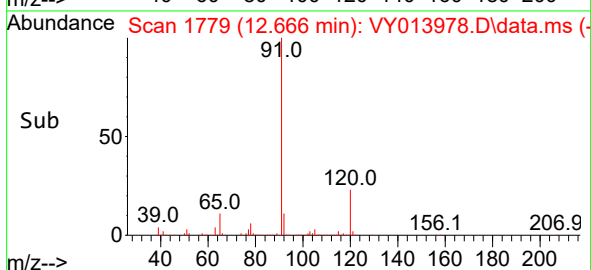
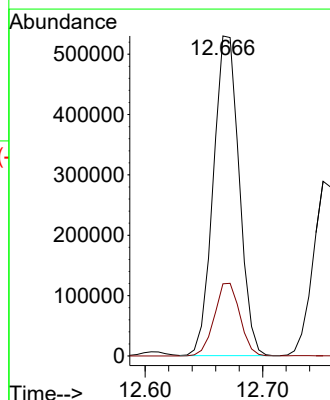
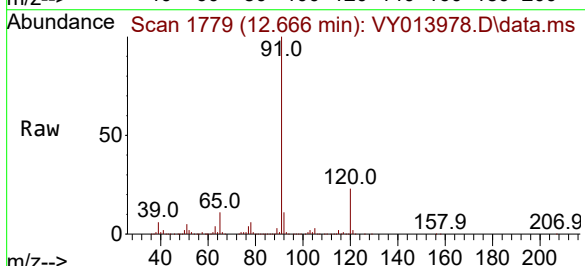
Acq: 02 Jun 2023 09:54

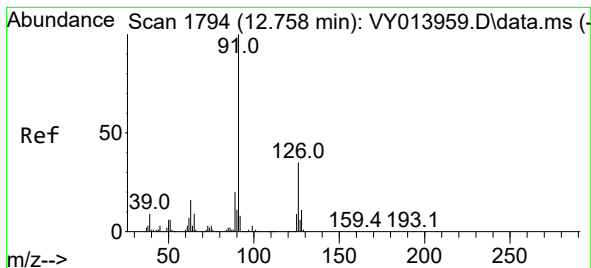
Tgt Ion: 91 Resp: 809095

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

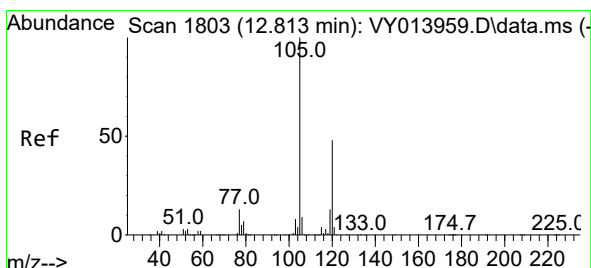
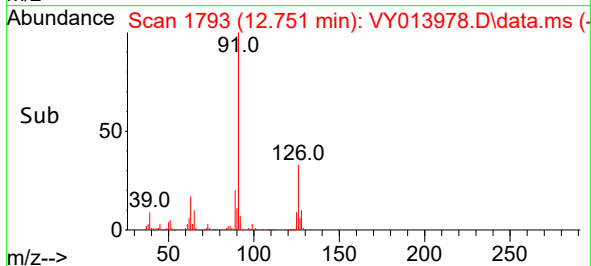
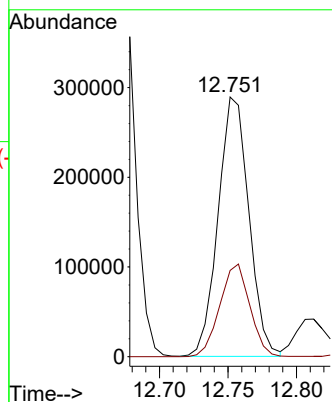
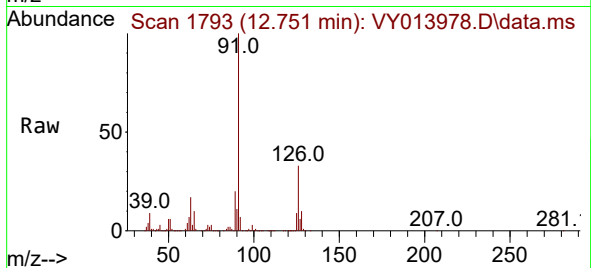




#79
2-Chlorotoluene
Concen: 51.360 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

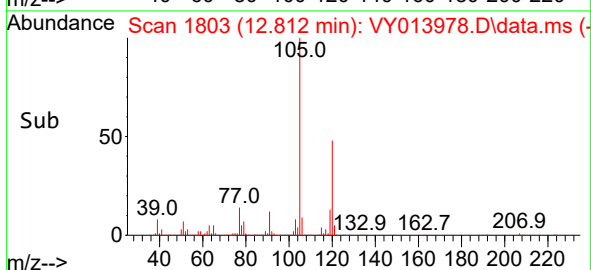
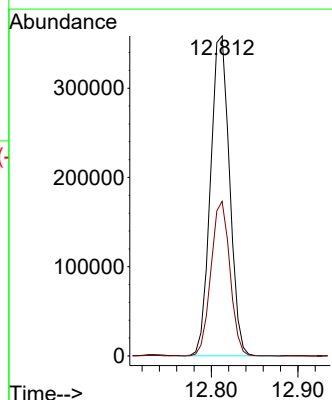
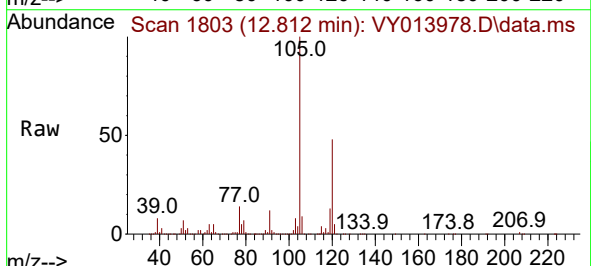
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

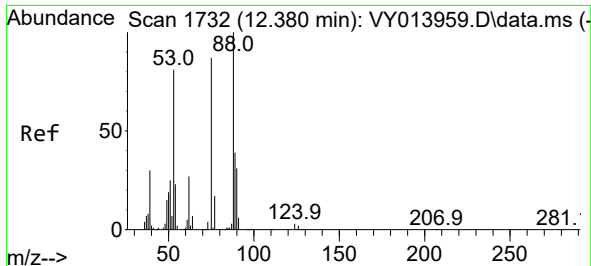
Tgt Ion: 91 Resp: 452689
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.614 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 105 Resp: 547797
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7

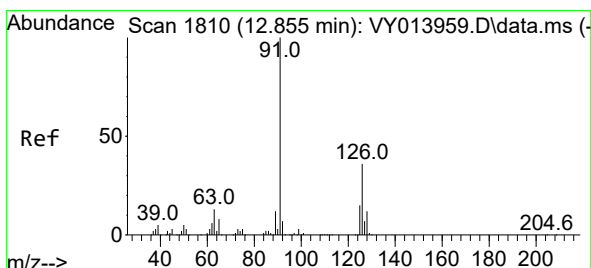
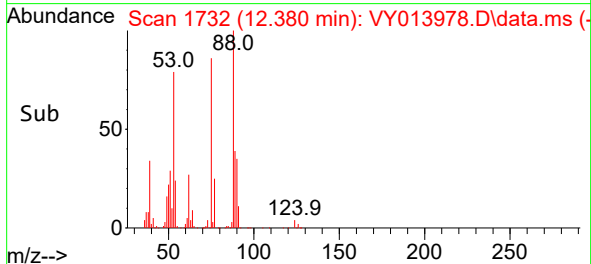
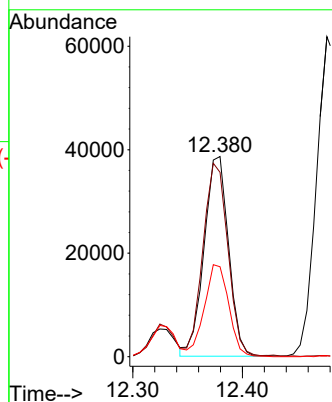
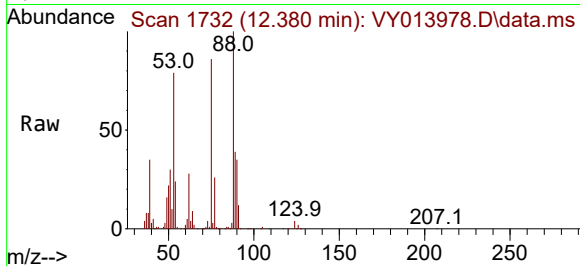




#81
trans-1,4-Dichloro-2-butene
Concen: 51.312 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

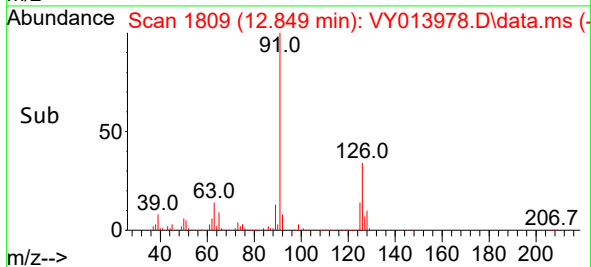
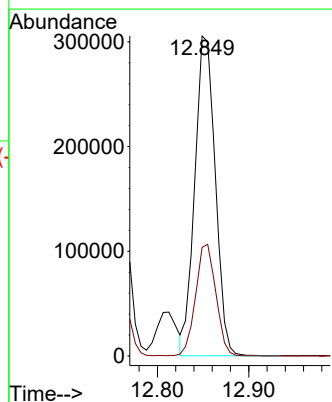
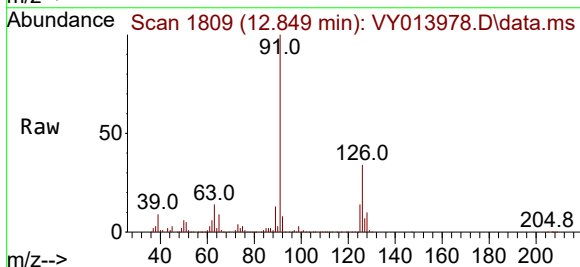
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

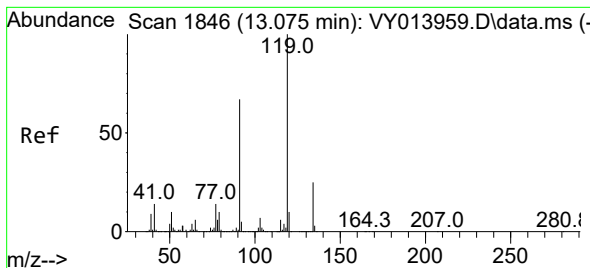
Tgt Ion: 75 Resp: 59903
Ion Ratio Lower Upper
75 100
53 99.4 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.404 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 91 Resp: 476501
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 54.206 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

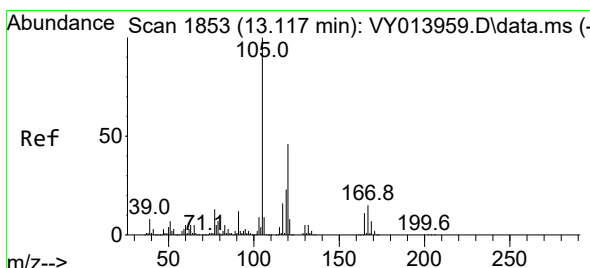
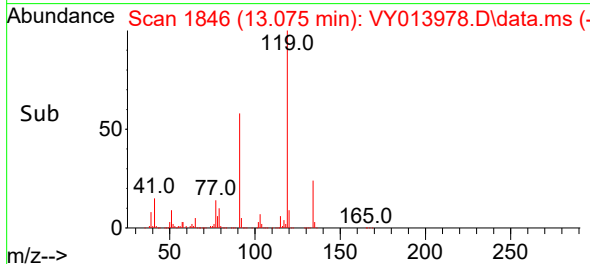
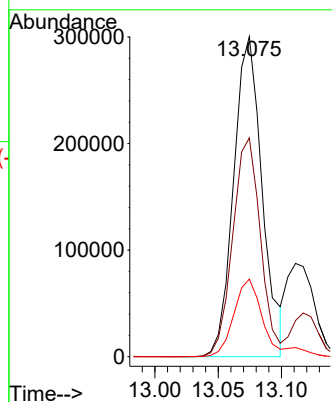
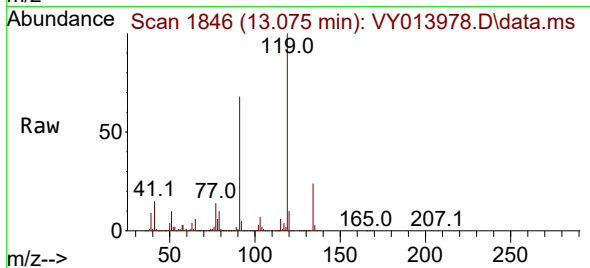
Tgt Ion:119 Resp: 472607

Ion Ratio Lower Upper

119 100

91 66.4 32.9 98.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.284 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013978.D

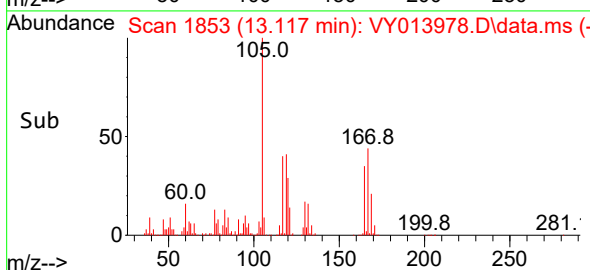
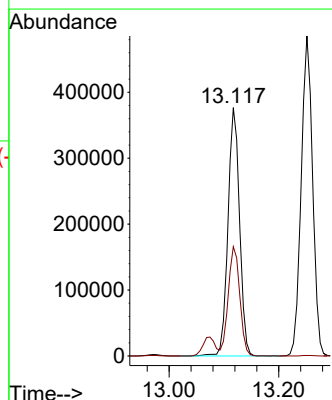
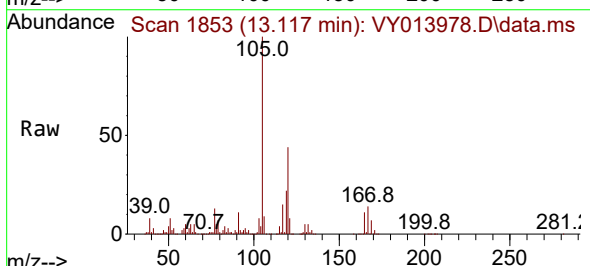
Acq: 02 Jun 2023 09:54

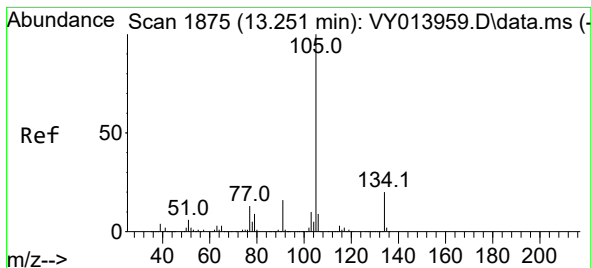
Tgt Ion:105 Resp: 554115

Ion Ratio Lower Upper

105 100

120 43.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.060 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

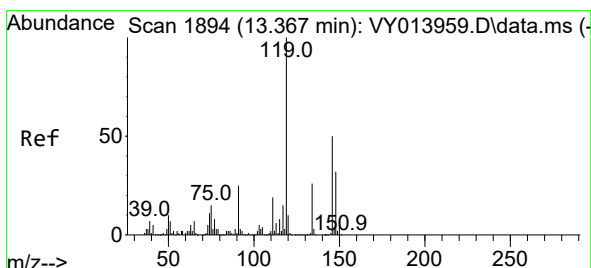
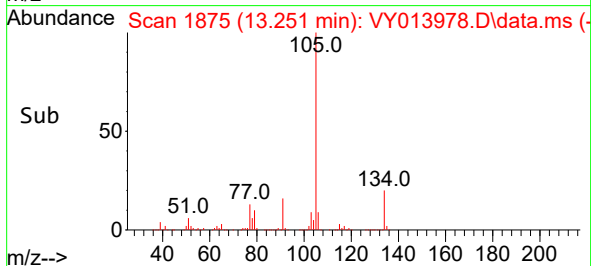
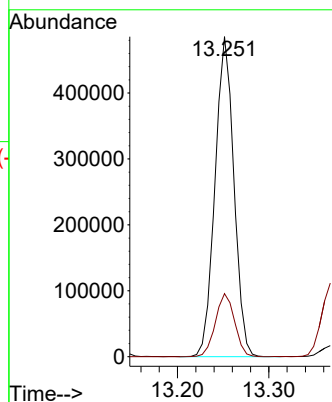
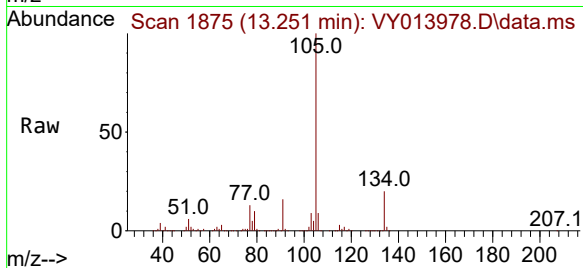
VSTDCCC050

Tgt Ion:105 Resp: 698068

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 54.346 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

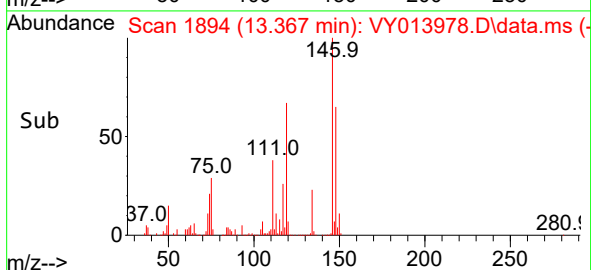
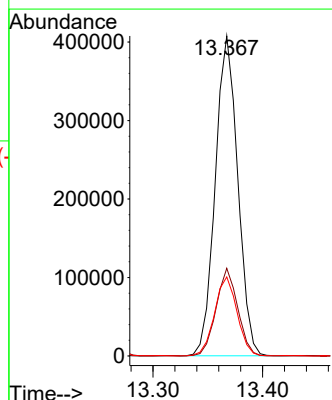
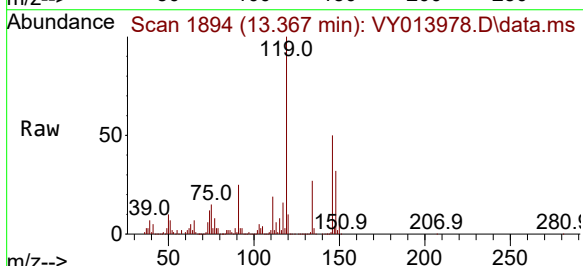
Tgt Ion:119 Resp: 581606

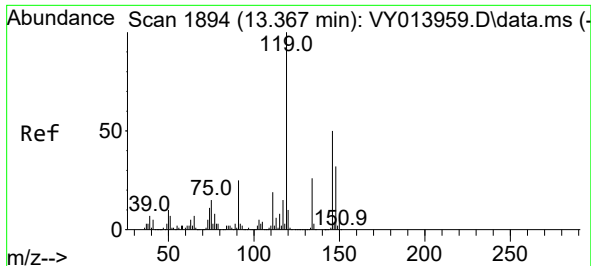
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.544 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

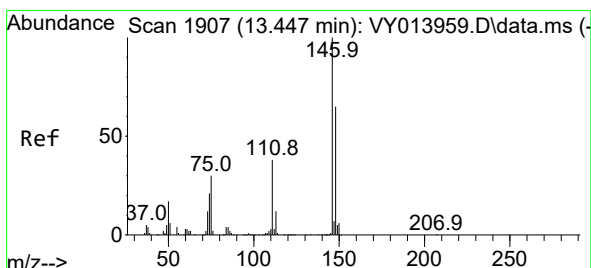
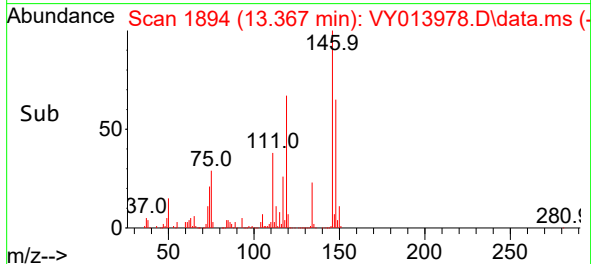
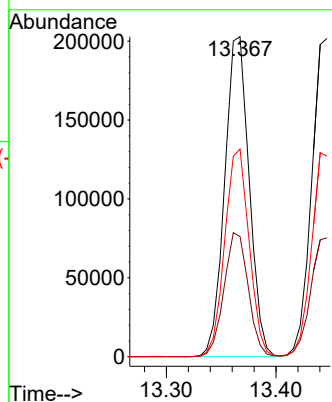
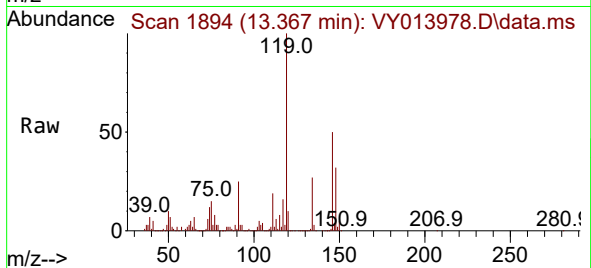
Tgt Ion:146 Resp: 315219

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.026 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

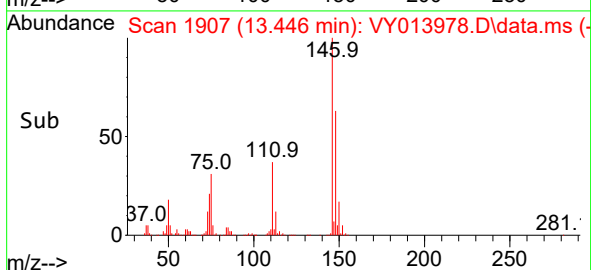
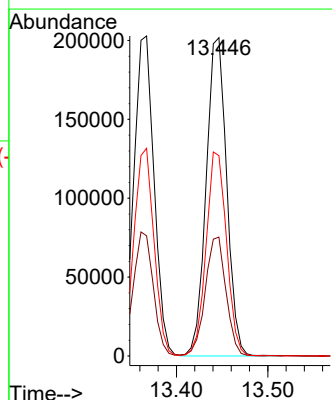
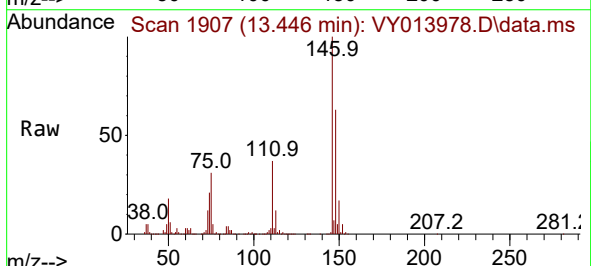
Tgt Ion:146 Resp: 315592

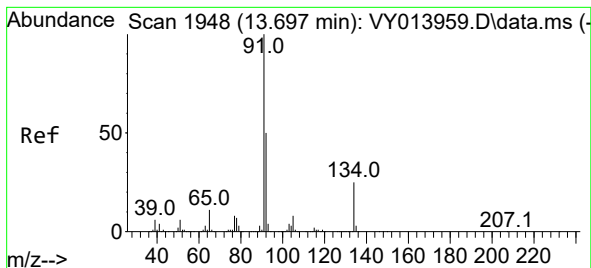
Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 54.399 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

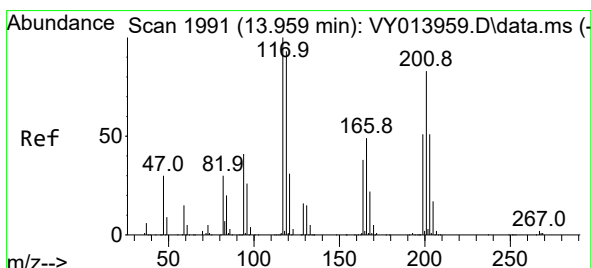
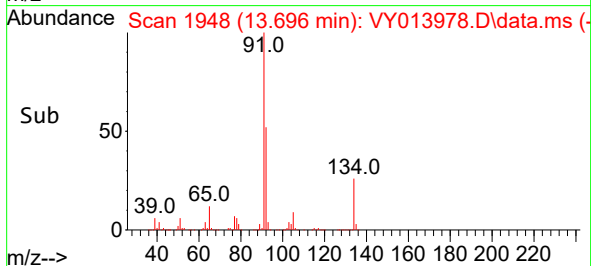
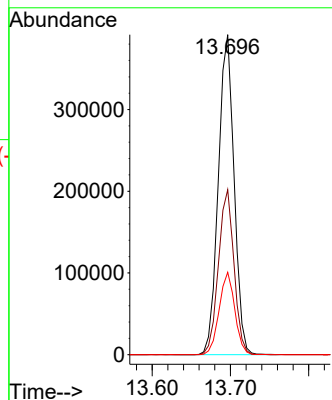
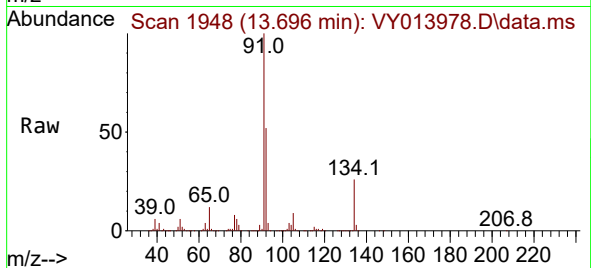
Tgt Ion: 91 Resp: 549319

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 51.246 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013978.D

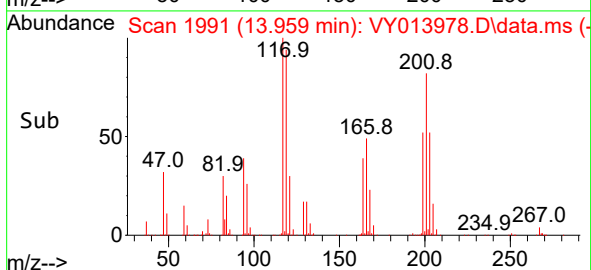
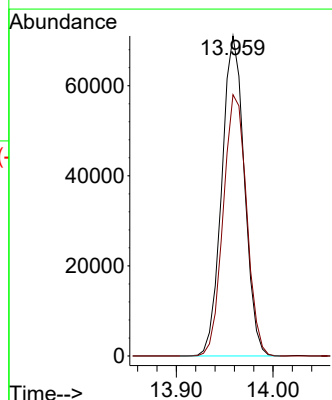
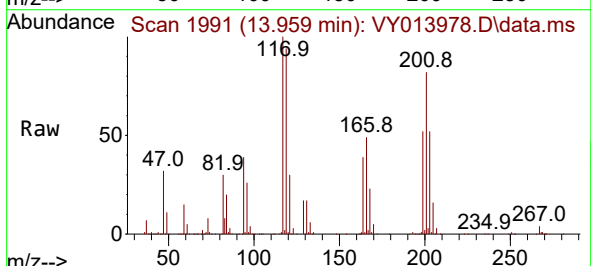
Acq: 02 Jun 2023 09:54

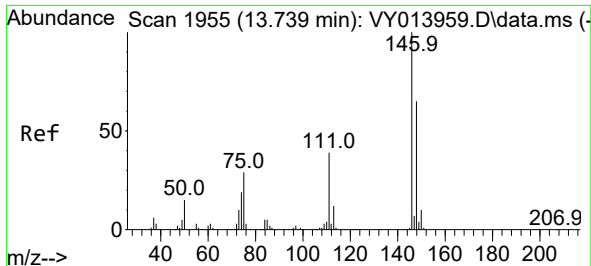
Tgt Ion: 117 Resp: 115104

Ion Ratio Lower Upper

117 100

201 84.4 41.6 124.8

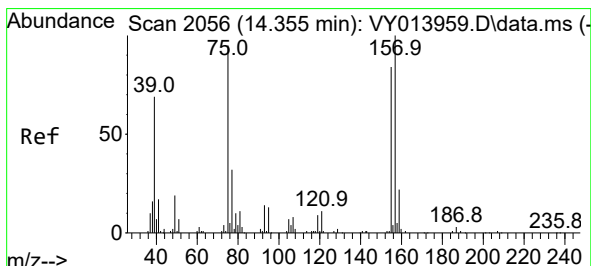
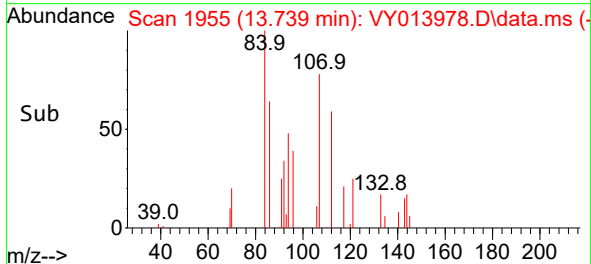
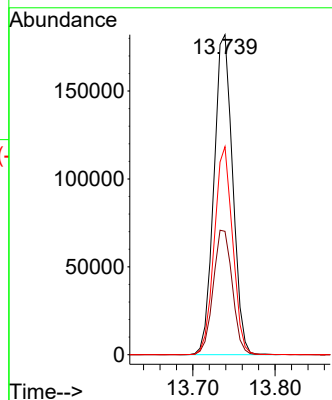
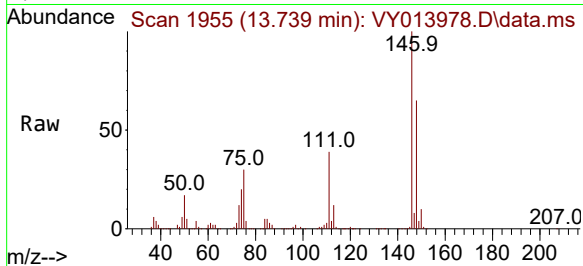




#91
1,2-Dichlorobenzene
Concen: 50.293 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

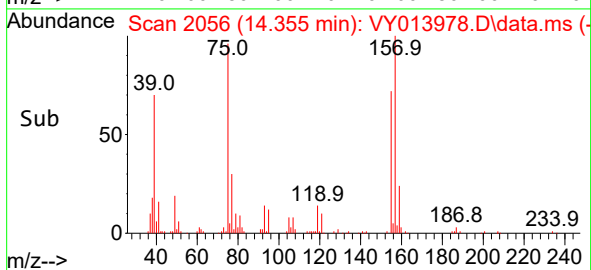
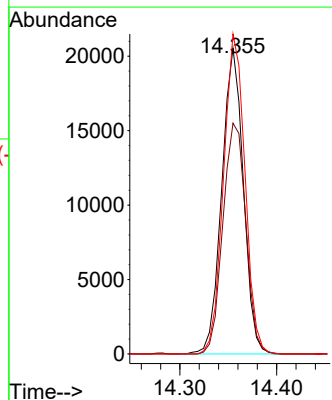
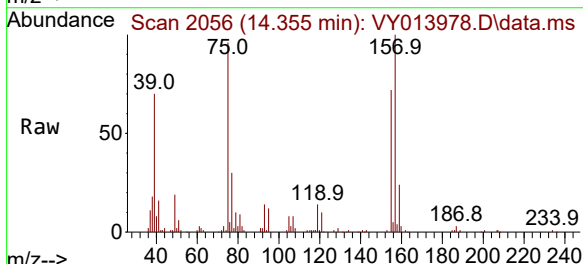
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

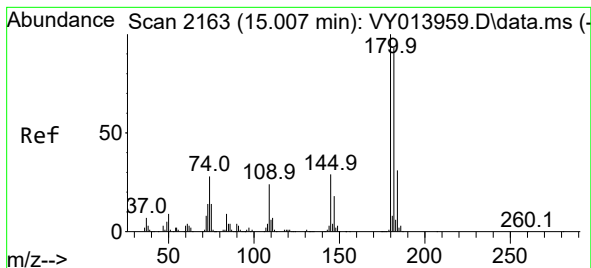
Tgt Ion:146 Resp: 288946
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.780 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013978.D
Acq: 02 Jun 2023 09:54

Tgt Ion: 75 Resp: 31708
Ion Ratio Lower Upper
75 100
155 80.2 41.5 124.6
157 104.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.334 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

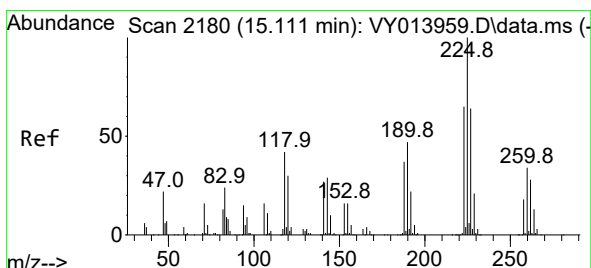
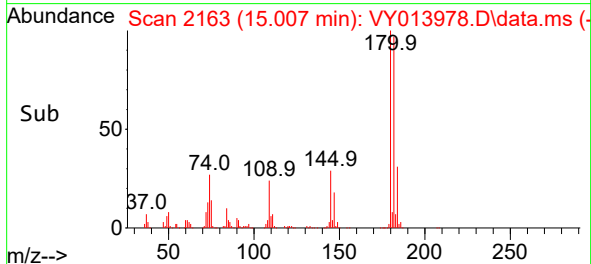
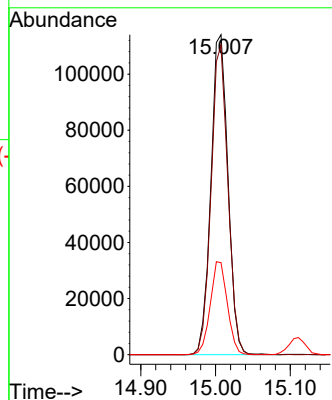
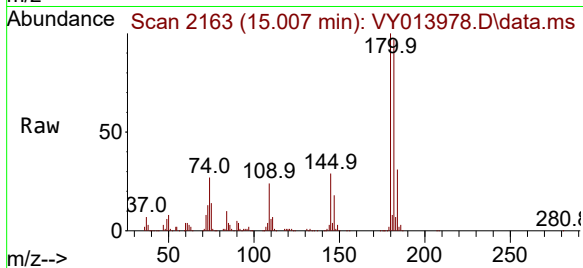
Tgt Ion:180 Resp: 181303

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 29.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.509 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

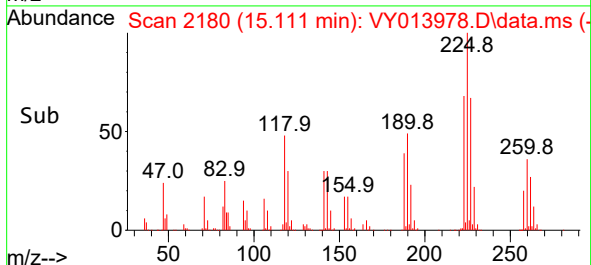
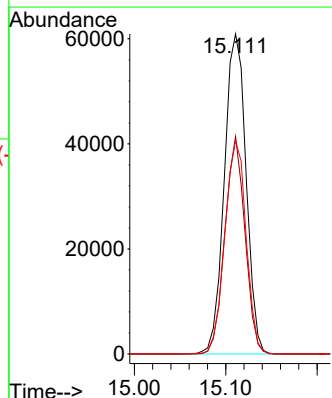
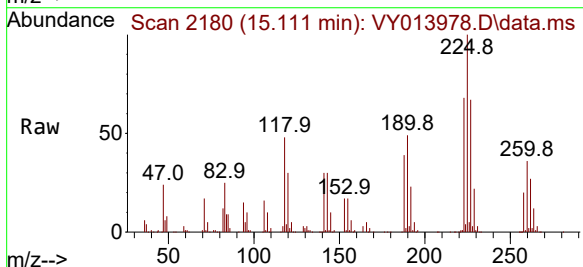
Tgt Ion:225 Resp: 100663

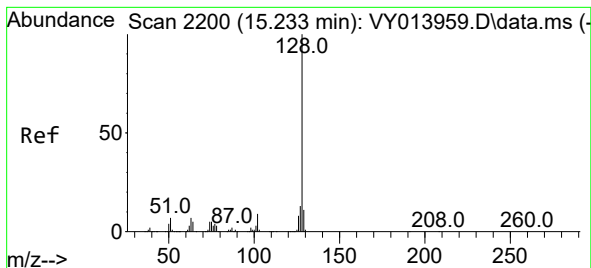
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 47.848 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

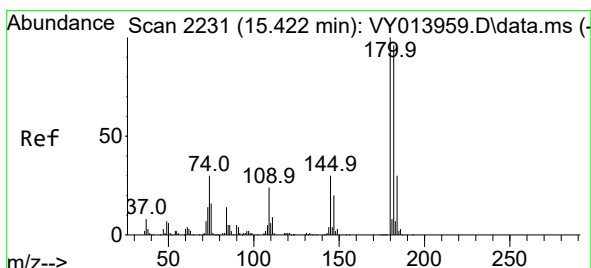
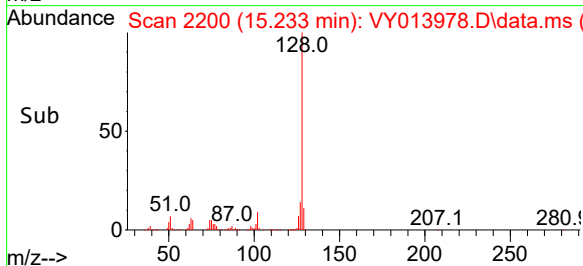
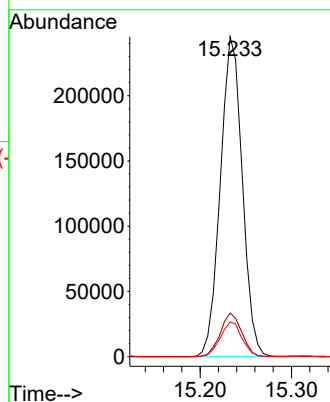
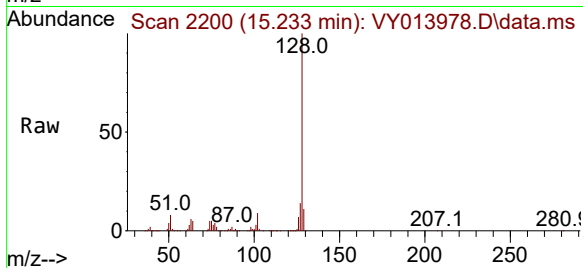
Tgt Ion:128 Resp: 409503

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.859 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013978.D

Acq: 02 Jun 2023 09:54

Tgt Ion:180 Resp: 163605

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 30.6 15.4 46.2

