

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013310.D
 Acq On : 14 Apr 2023 10:23
 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: Apr 17 02:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	276057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	182231	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159052	47.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.710	113	138692	51.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.420%
50) Toluene-d8	10.179	98	508573	50.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.477	95	164485	50.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	133393	53.689	ug/l	99
3) Chloromethane	2.113	50	146389	47.030	ug/l	99
4) Vinyl Chloride	2.247	62	139967	47.428	ug/l	100
5) Bromomethane	2.650	94	96409	42.601	ug/l	93
6) Chloroethane	2.790	64	84363	42.388	ug/l	97
7) Trichlorofluoromethane	3.125	101	231113	50.316	ug/l	100
8) Diethyl Ether	3.527	74	87178	52.239	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	139456	51.666	ug/l	96
10) Methyl Iodide	4.088	142	186414	56.304	ug/l	98
11) Tert butyl alcohol	4.966	59	82633	200.109	ug/l	95
12) 1,1-Dichloroethene	3.869	96	134753	51.875	ug/l	95
13) Acrolein	3.723	56	97525	239.299	ug/l	98
14) Allyl chloride	4.472	41	251970	50.778	ug/l	98
15) Acrylonitrile	5.155	53	252619	263.428	ug/l	99
16) Acetone	3.948	43	324848	284.786	ug/l	99
17) Carbon Disulfide	4.192	76	445645	52.109	ug/l	99
18) Methyl Acetate	4.472	43	196235	53.192	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	406310	52.215	ug/l	99
20) Methylene Chloride	4.710	84	162624	54.349	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	151033	50.933	ug/l	96
22) Diisopropyl ether	6.112	45	482025	49.290	ug/l	93
23) Vinyl Acetate	6.051	43	1576433	254.996	ug/l	98
24) 1,1-Dichloroethane	6.009	63	276481	50.612	ug/l	99
25) 2-Butanone	6.984	43	389877	266.944	ug/l	97
26) 2,2-Dichloropropane	6.972	77	238020	48.566	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	165656	51.376	ug/l	97
28) Bromochloromethane	7.332	49	108756	49.954	ug/l	100
29) Tetrahydrofuran	7.344	42	234664	264.543	ug/l	99
30) Chloroform	7.496	83	277157	50.136	ug/l	99
31) Cyclohexane	7.783	56	238242	47.493	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	247046	49.399	ug/l	99
36) 1,1-Dichloropropene	7.911	75	209672	51.104	ug/l	99
37) Ethyl Acetate	7.070	43	173285	52.395	ug/l	95
38) Carbon Tetrachloride	7.899	117	226860	50.005	ug/l	98
39) Methylcyclohexane	9.179	83	250323	52.482	ug/l	98
40) Benzene	8.155	78	605522	50.992	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	217584	158.578	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	201991	50.170	ug/l	99
43) Isopropyl Acetate	8.271	43	277251	50.470	ug/l	99
44) Trichloroethene	8.935	130	162287	53.052	ug/l	97
45) 1,2-Dichloropropane	9.209	63	160250	51.993	ug/l	99
46) Dibromomethane	9.301	93	96190	51.855	ug/l	98
47) Bromodichloromethane	9.490	83	217832	51.368	ug/l	98
48) Methyl methacrylate	9.289	41	134089	53.141	ug/l	98
49) 1,4-Dioxane	9.307	88	30098	1197.567	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	779702	260.803	ug/l	99
52) Toluene	10.240	92	368491	51.390	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	229519	51.682	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	255666	52.503	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	127826	52.262	ug/l	99
56) Ethyl methacrylate	10.508	69	182235	54.416	ug/l	98
57) 1,3-Dichloropropane	10.788	76	217971	52.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	346774	247.992	ug/l	98
59) 2-Hexanone	10.831	43	592262	272.454	ug/l	99
60) Dibromochloromethane	10.983	129	157933	51.498	ug/l	99
61) 1,2-Dibromoethane	11.087	107	127378	53.482	ug/l	98
64) Tetrachloroethene	10.715	164	134510	51.624	ug/l	96
65) Chlorobenzene	11.514	112	394835	51.105	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	151507	52.256	ug/l	98
67) Ethyl Benzene	11.593	91	689840	51.266	ug/l	99
68) m/p-Xylenes	11.703	106	540984	105.077	ug/l	99
69) o-Xylene	12.026	106	254032	53.276	ug/l	99
70) Styrene	12.044	104	427810	53.122	ug/l	97
71) Bromoform	12.203	173	106947	53.245	ug/l #	98
73) Isopropylbenzene	12.331	105	663053	53.045	ug/l	99
74) N-amyl acetate	12.142	43	232474	52.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	161099	52.171	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	211467	93.127	ug/l #	100
77) Bromobenzene	12.605	156	164533	52.637	ug/l	99
78) n-propylbenzene	12.666	91	802223	51.965	ug/l	99
79) 2-Chlorotoluene	12.758	91	450086	51.795	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	555037	53.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	58787	53.732	ug/l	98
82) 4-Chlorotoluene	12.855	91	467063	50.983	ug/l	100
83) tert-Butylbenzene	13.075	119	487539	54.267	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	545382	53.522	ug/l	98
85) sec-Butylbenzene	13.251	105	705216	52.490	ug/l	100
86) p-Isopropyltoluene	13.367	119	588979	53.424	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	314143	52.136	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	313431	51.474	ug/l	99
89) n-Butylbenzene	13.696	91	551633	52.315	ug/l	99
90) Hexachloroethane	13.959	117	118742	51.656	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	288979	52.705	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28552	50.917	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	184279	56.548	ug/l	99
94) Hexachlorobutadiene	15.111	225	104644	54.229	ug/l	100
95) Naphthalene	15.233	128	418304	52.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	165111	55.613	ug/l	98

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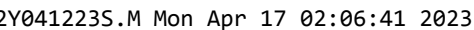
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

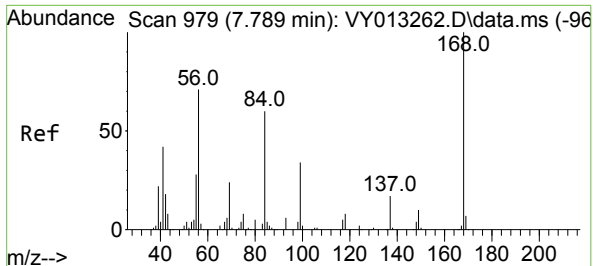
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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

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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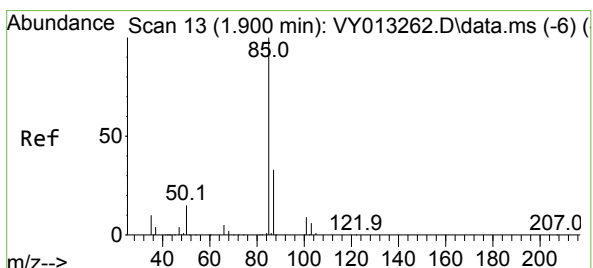
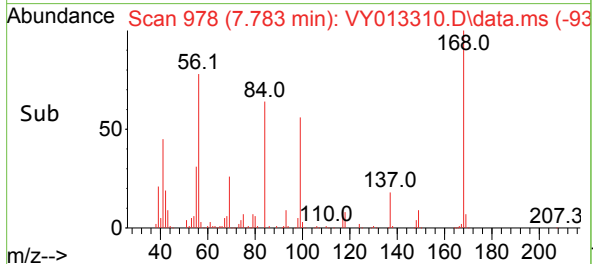
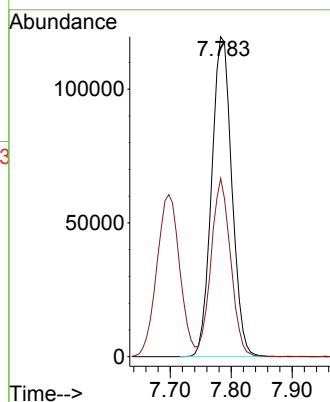
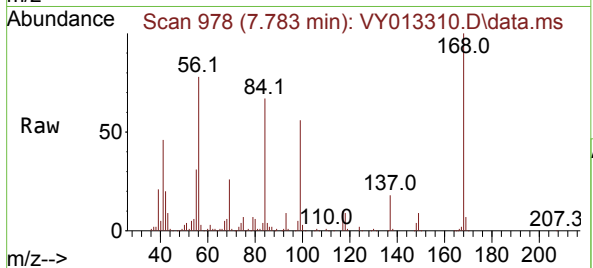




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013310.D
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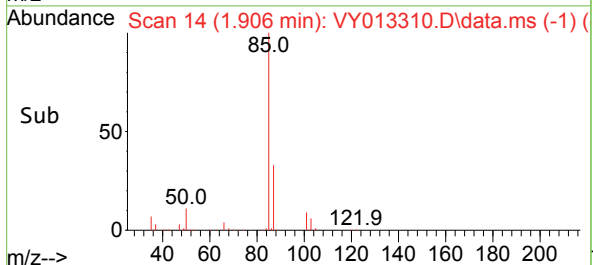
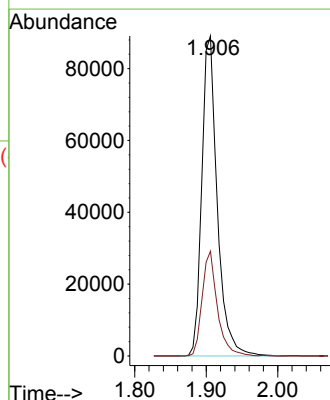
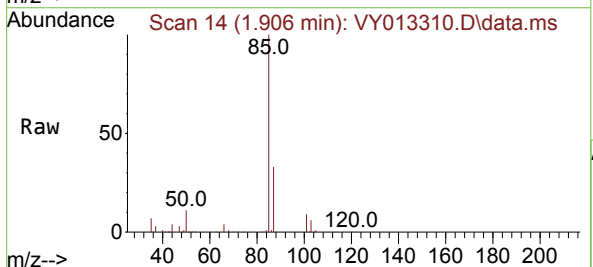
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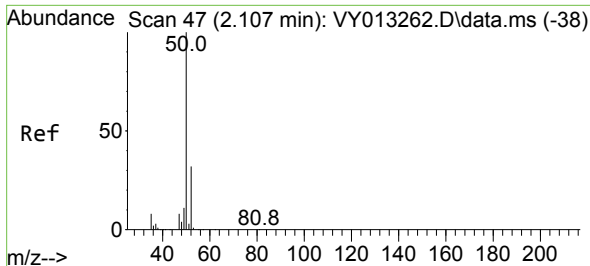
Tgt Ion:168 Resp: 276057
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 53.689 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 85 Resp: 133393
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0

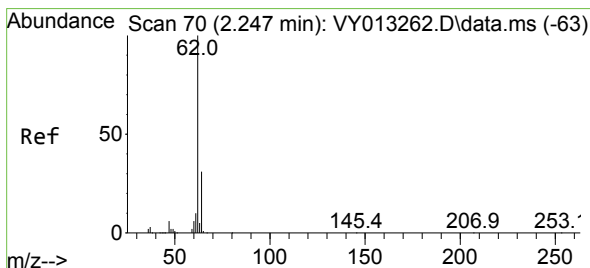
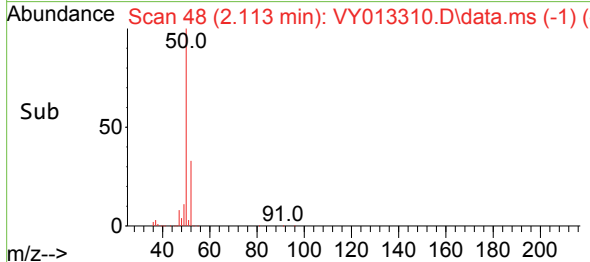
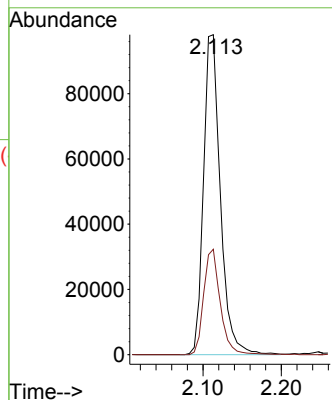
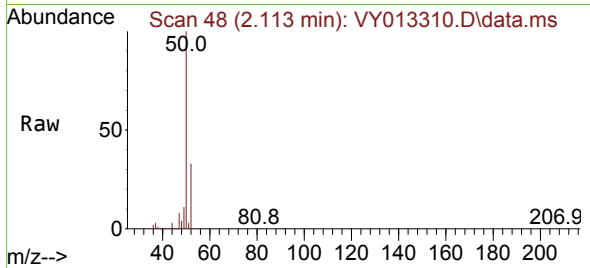




#3
Chloromethane
Concen: 47.030 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

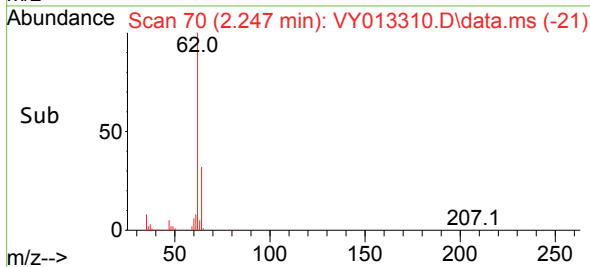
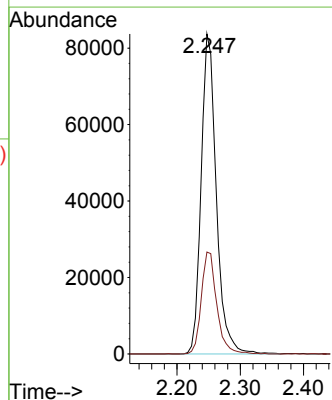
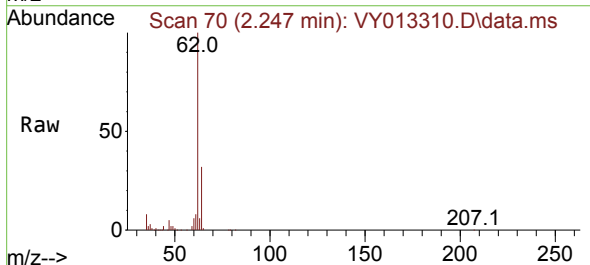
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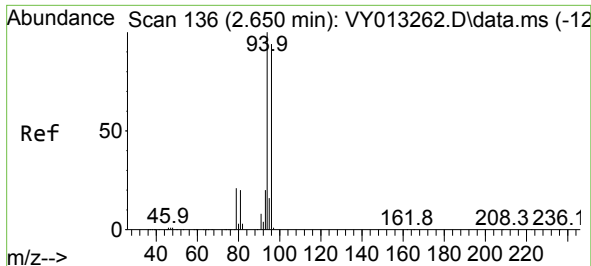
Tgt Ion: 50 Resp: 146389
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 47.428 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 62 Resp: 139967
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

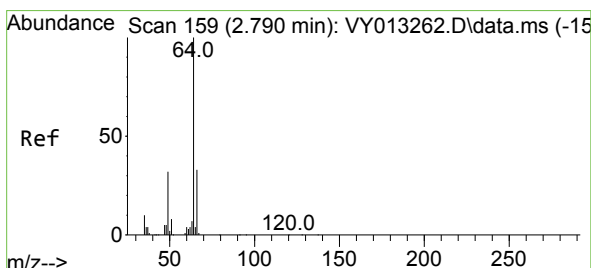
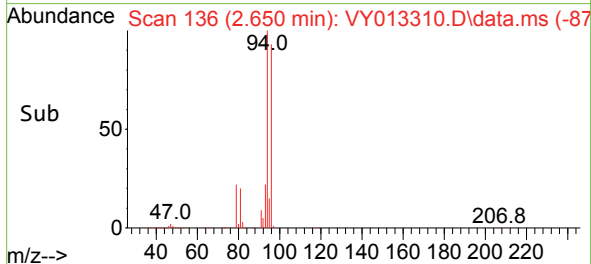
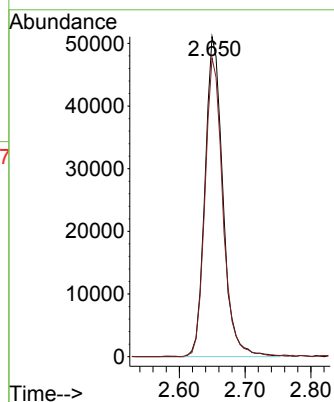
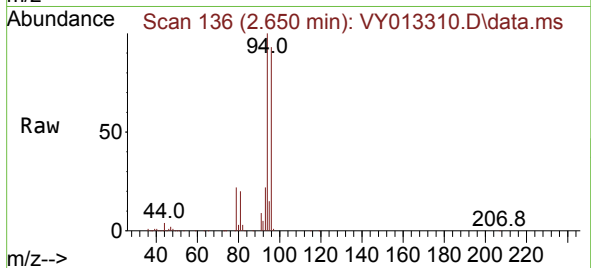




#5
Bromomethane
Concen: 42.601 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

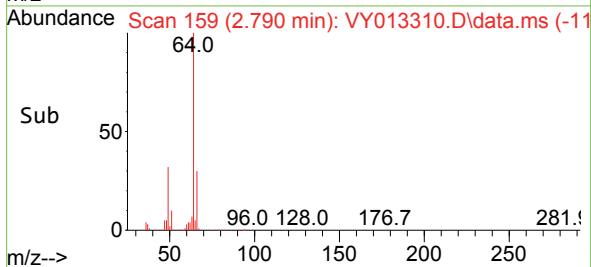
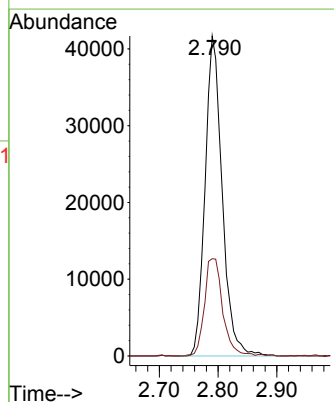
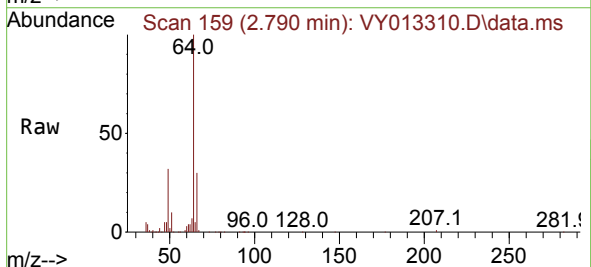
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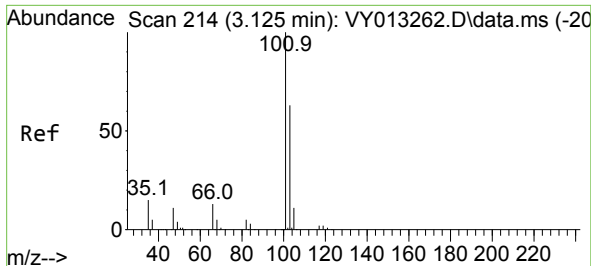
Tgt Ion: 94 Resp: 96409
Ion Ratio Lower Upper
94 100
96 93.4 80.3 120.5



#6
Chloroethane
Concen: 42.388 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 64 Resp: 84363
Ion Ratio Lower Upper
64 100
66 30.4 25.7 38.5

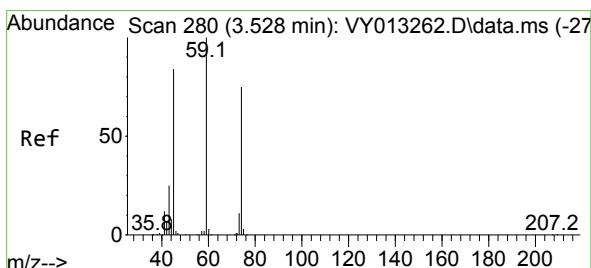
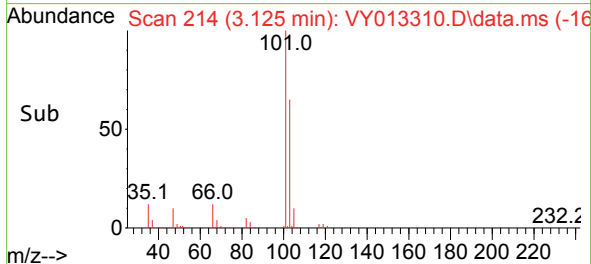
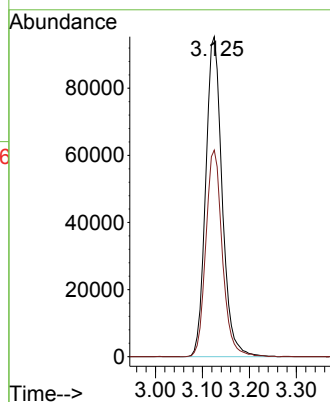
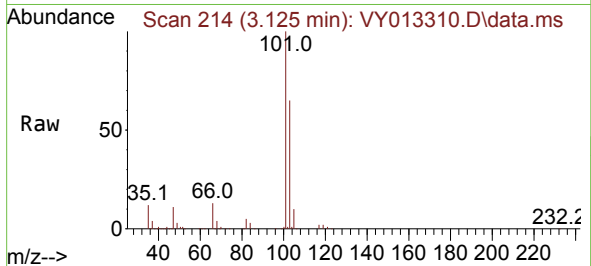




#7
 Trichlorofluoromethane
 Concen: 50.316 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

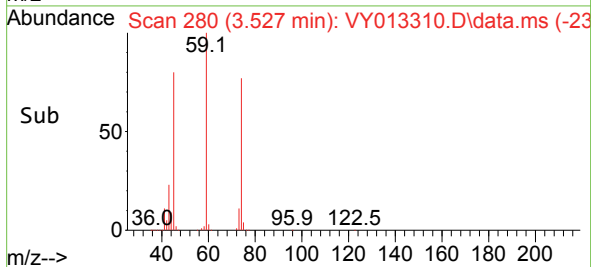
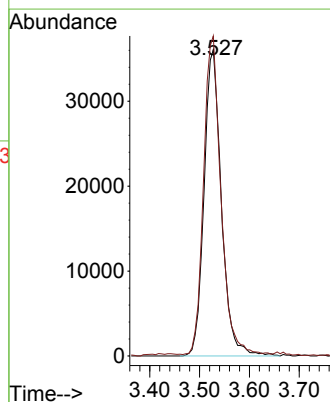
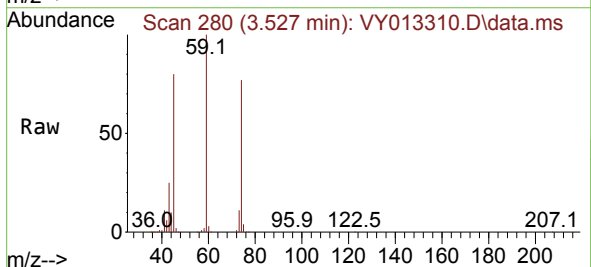
Instrument :
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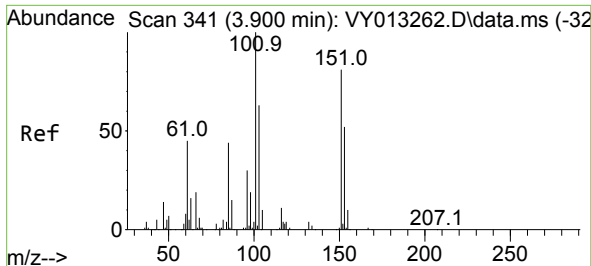
Tgt Ion:101 Resp: 231113
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 52.239 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013310.D
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Tgt Ion: 74 Resp: 87178
 Ion Ratio Lower Upper
 74 100
 45 103.8 52.1 156.4

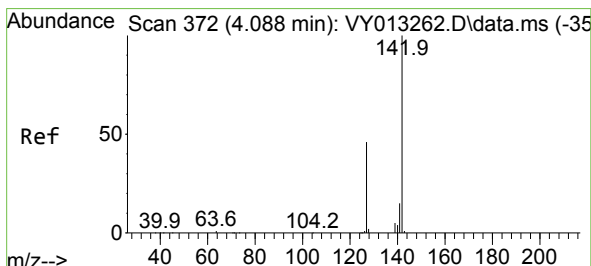
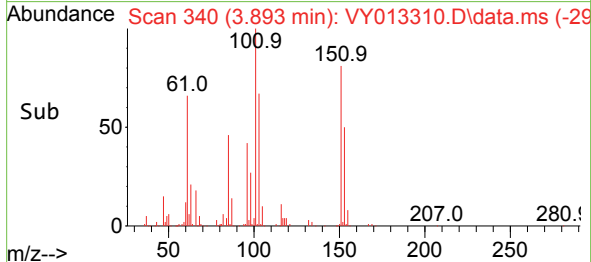
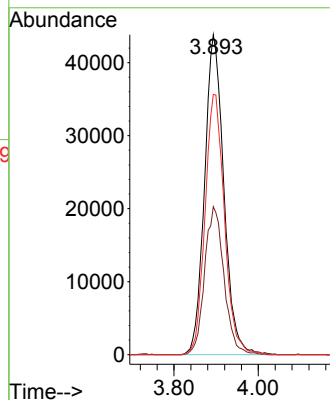
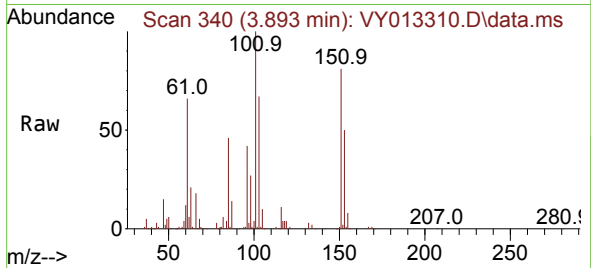




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.666 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

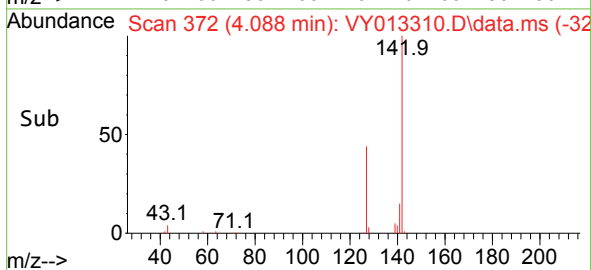
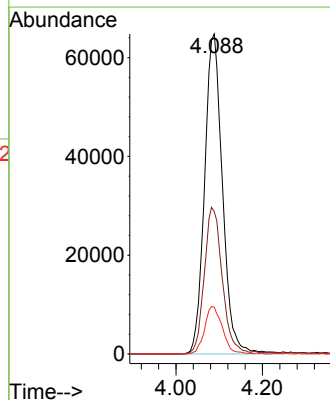
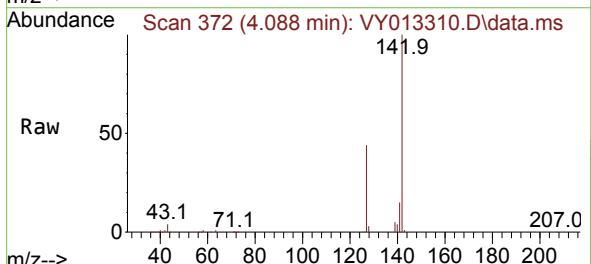
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

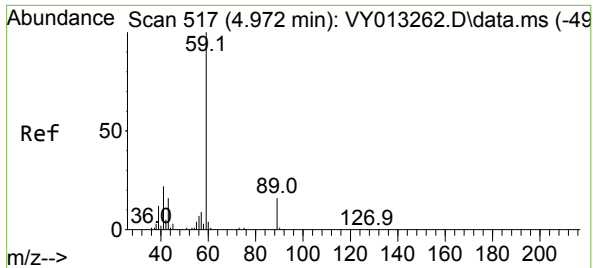
Tgt Ion:101 Resp: 139456
Ion Ratio Lower Upper
101 100
85 46.5 35.3 52.9
151 82.0 63.1 94.7



#10
Methyl Iodide
Concen: 56.304 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:142 Resp: 186414
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.2
141 14.7 11.3 16.9

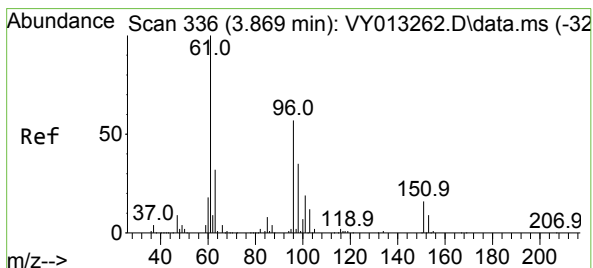
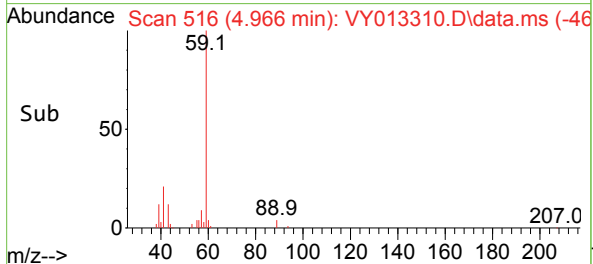
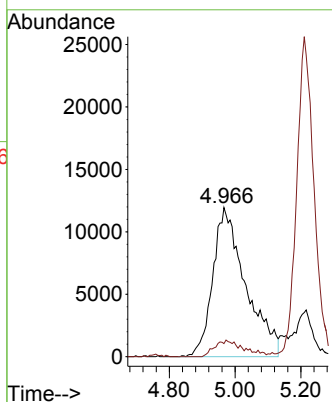
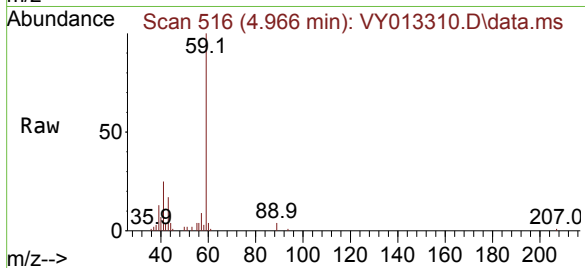




#11
Tert butyl alcohol
Concen: 200.109 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

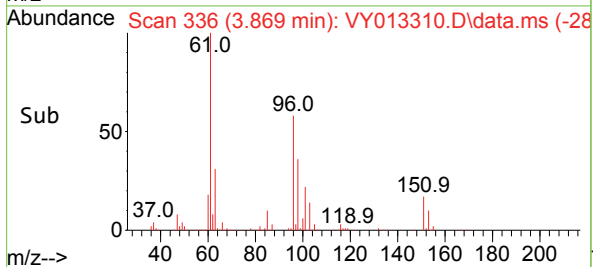
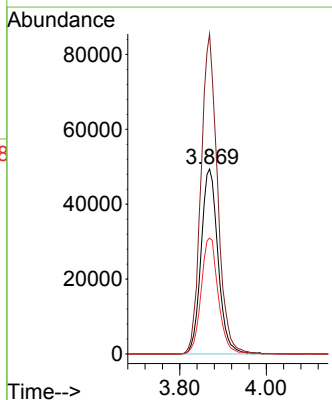
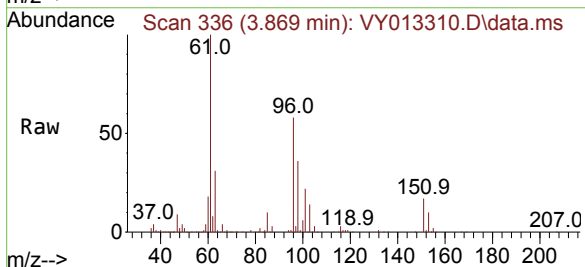
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

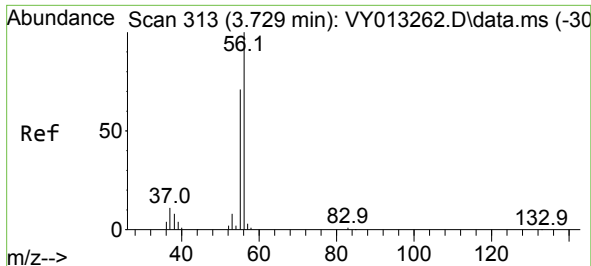
Tgt Ion: 59 Resp: 82633
Ion Ratio Lower Upper
59 100
57 7.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.875 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 96 Resp: 134753
Ion Ratio Lower Upper
96 100
61 173.0 131.7 197.5
98 62.6 52.0 78.0

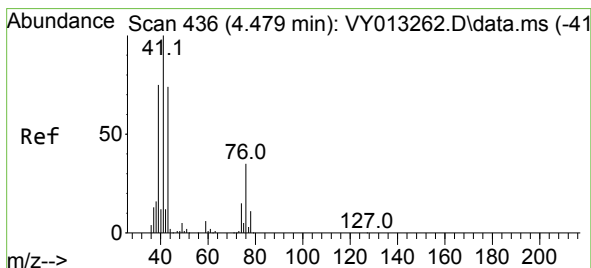
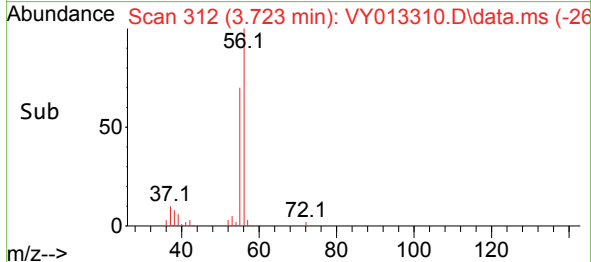
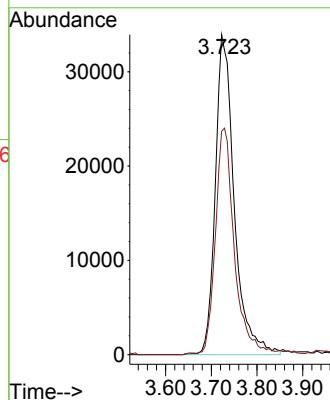
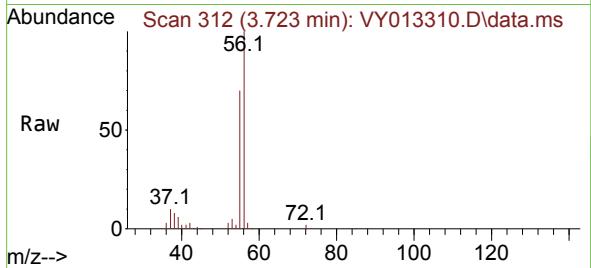




#13
Acrolein
Concen: 239.299 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

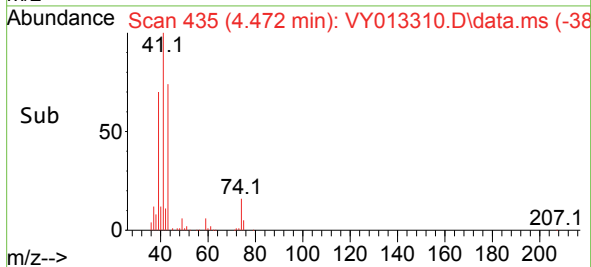
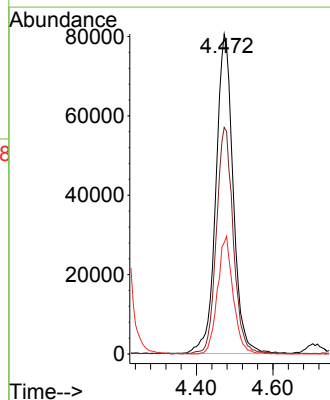
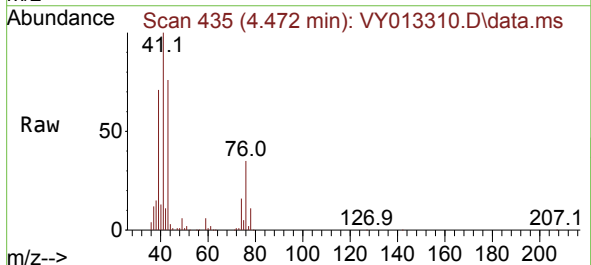
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

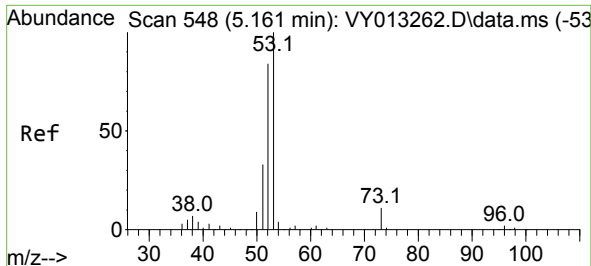
Tgt Ion: 56 Resp: 97525
Ion Ratio Lower Upper
56 100
55 69.3 56.8 85.2



#14
Allyl chloride
Concen: 50.778 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 41 Resp: 251970
Ion Ratio Lower Upper
41 100
39 69.2 53.6 80.4
76 33.4 27.2 40.8

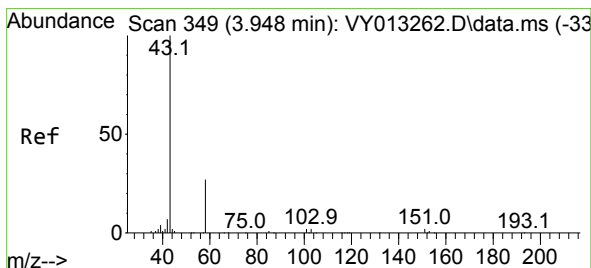
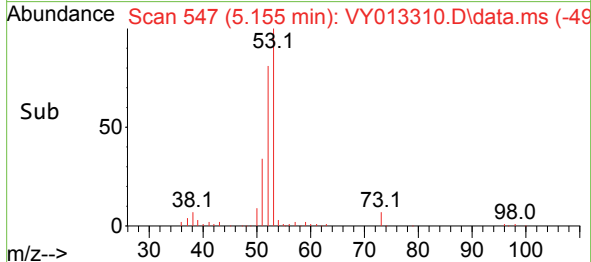
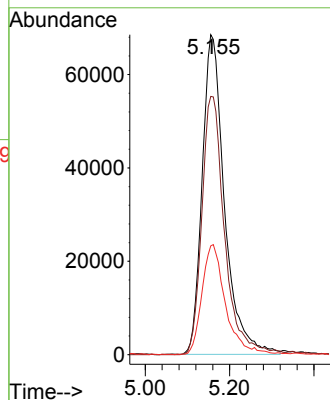
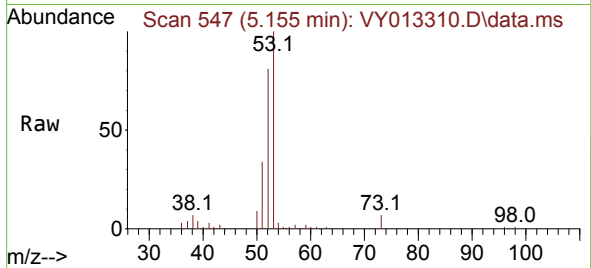




#15
Acrylonitrile
Concen: 263.428 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

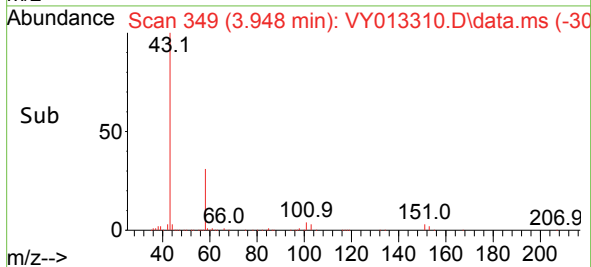
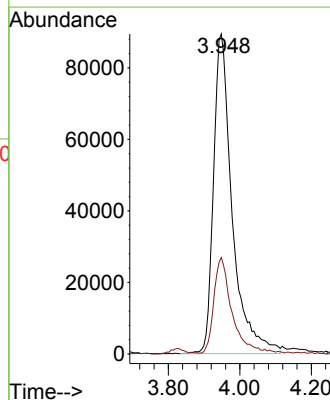
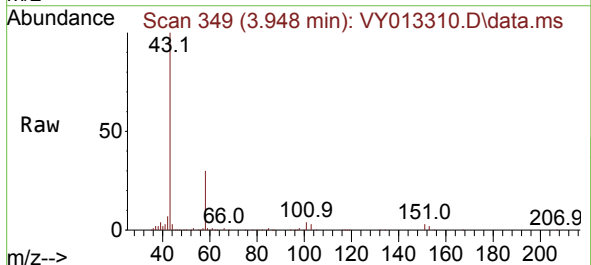
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

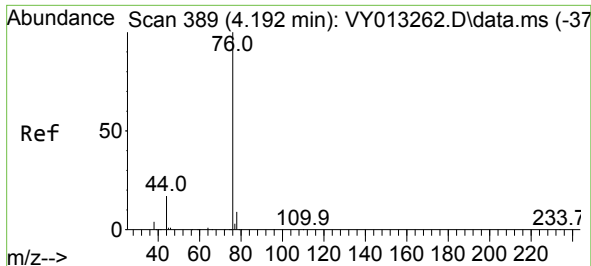
Tgt Ion: 53 Resp: 252619
Ion Ratio Lower Upper
53 100
52 82.2 66.3 99.5
51 36.3 28.8 43.2



#16
Acetone
Concen: 284.786 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 43 Resp: 324848
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.2

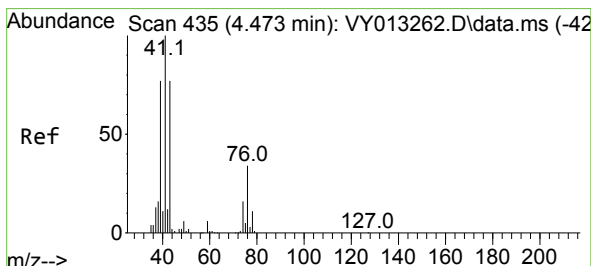
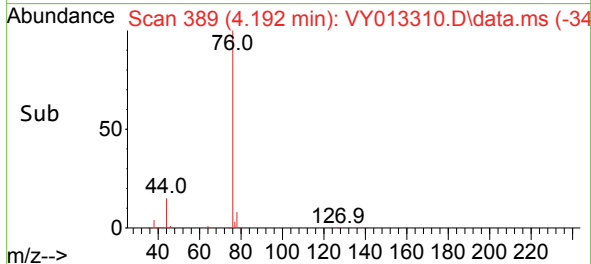
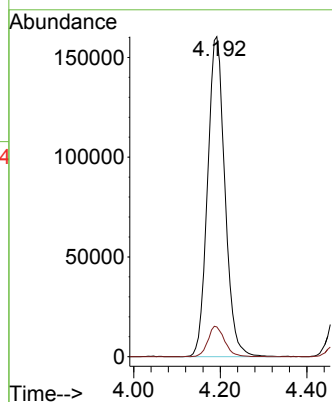
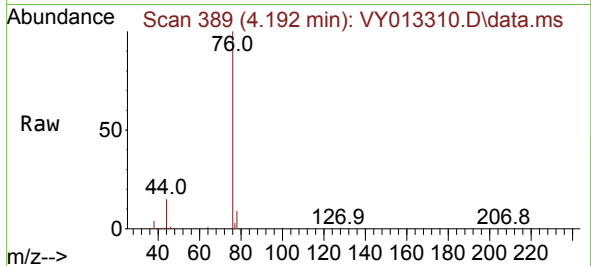




#17
Carbon Disulfide
Concen: 52.109 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

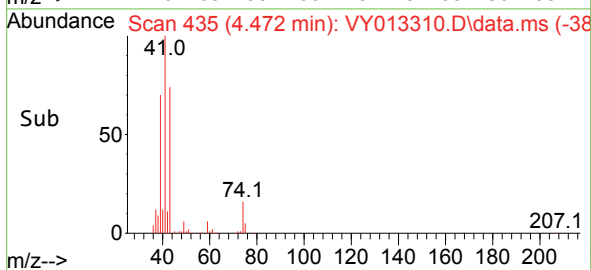
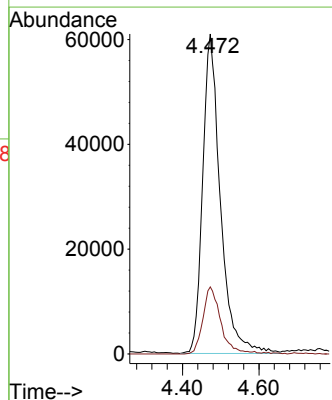
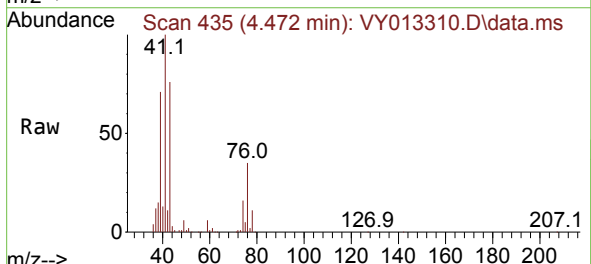
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ClientSampleId :
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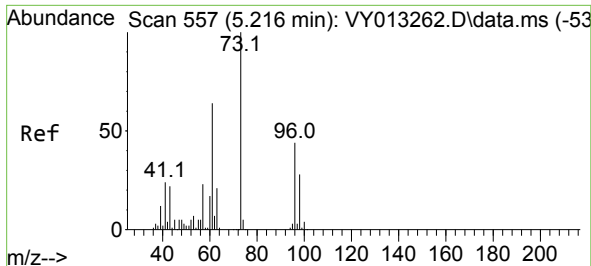
Tgt Ion: 76 Resp: 445645
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 53.192 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 43 Resp: 196235
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0

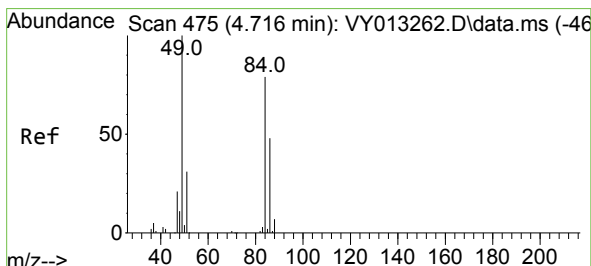
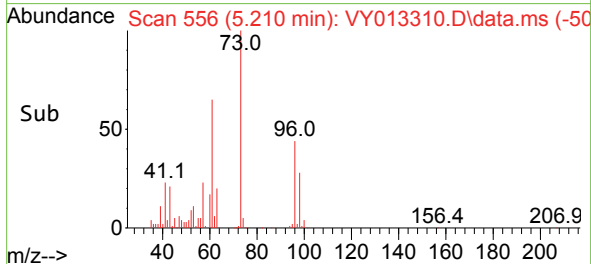
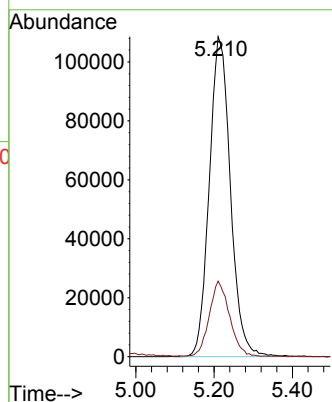
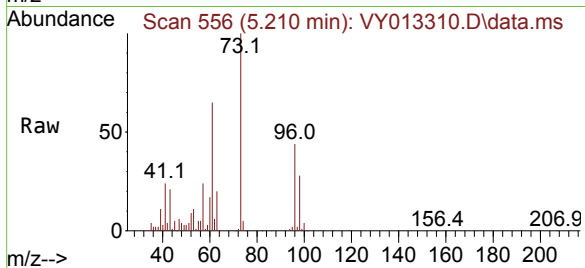




#19
Methyl tert-butyl Ether
Concen: 52.215 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

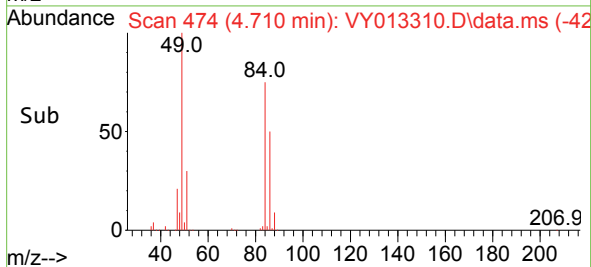
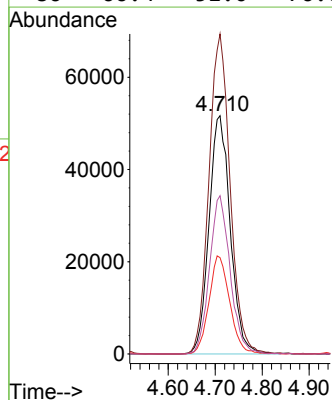
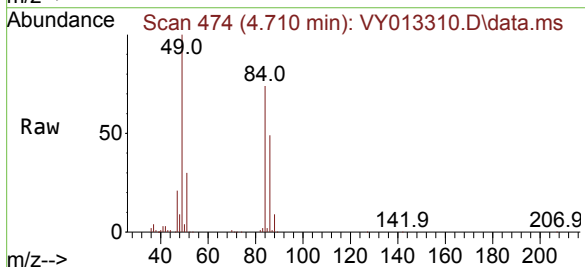
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

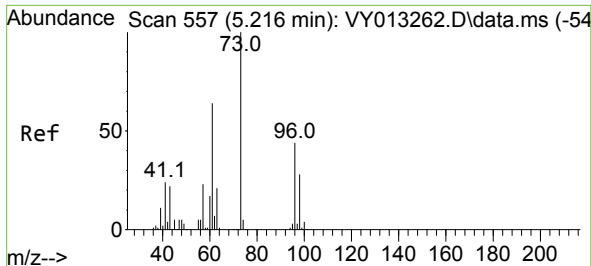
Tgt Ion: 73 Resp: 406310
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5



#20
Methylene Chloride
Concen: 54.349 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 84 Resp: 162624
Ion Ratio Lower Upper
84 100
49 134.3 102.6 154.0
51 40.4 31.9 47.9
86 66.4 51.0 76.6

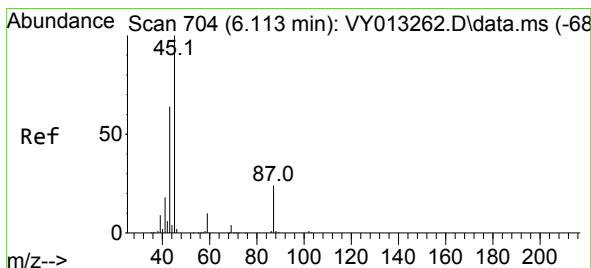
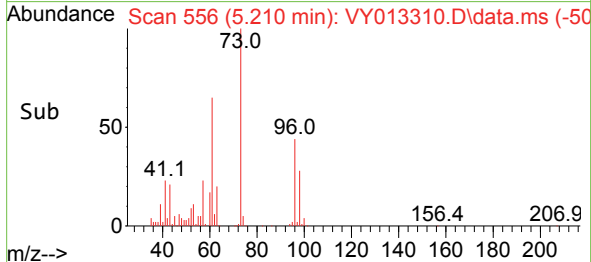
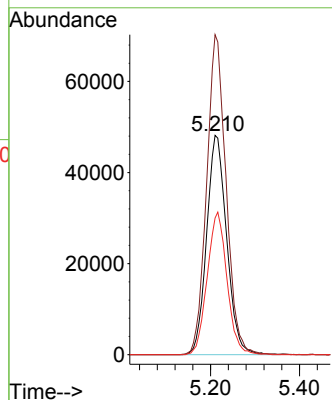
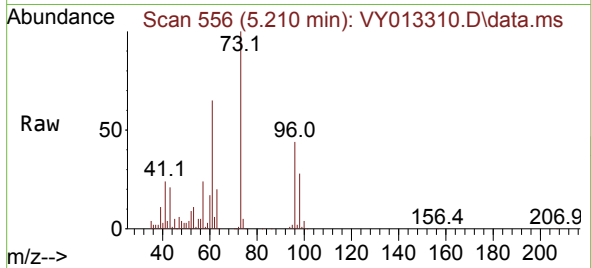




#21
trans-1,2-Dichloroethene
Concen: 50.933 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

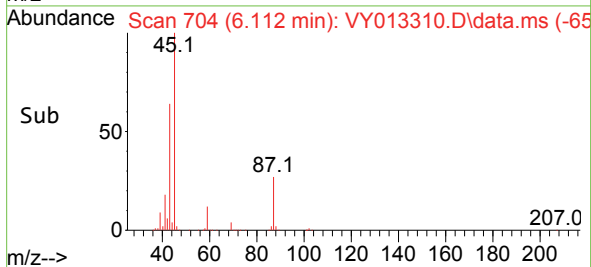
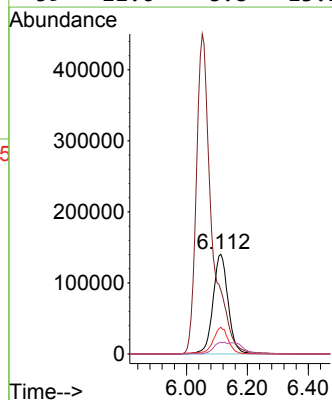
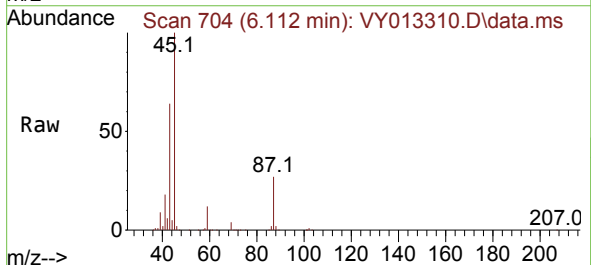
Instrument :
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ClientSampleId :
VSTDCCC050

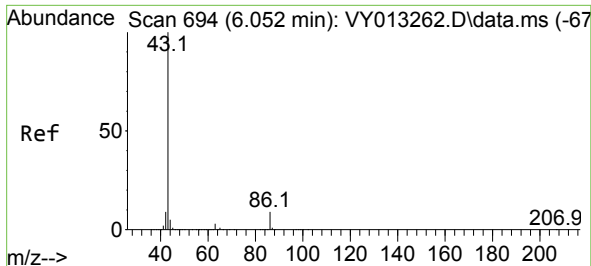
Tgt Ion: 96 Resp: 151033
Ion Ratio Lower Upper
96 100
61 145.9 111.4 167.0
98 62.3 50.8 76.2



#22
Diisopropyl ether
Concen: 49.290 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 45 Resp: 482025
Ion Ratio Lower Upper
45 100
43 64.0 45.0 67.6
87 26.7 20.3 30.5
59 11.6 8.8 13.2

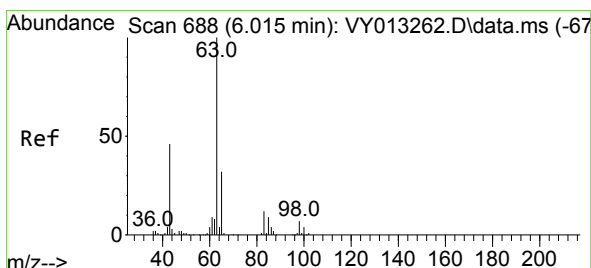
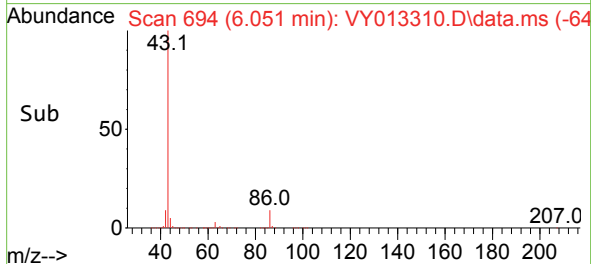
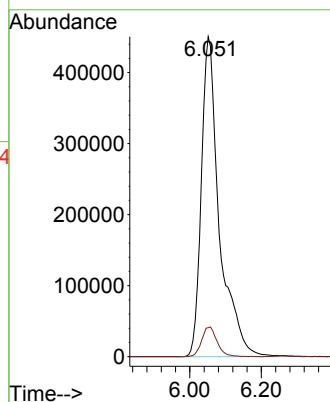
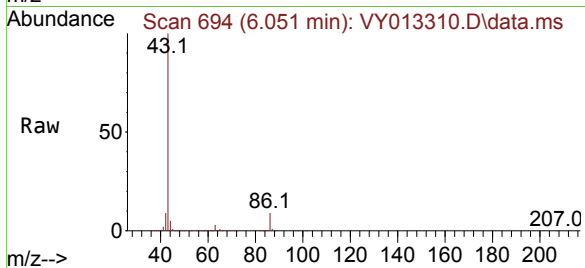




#23
 Vinyl Acetate
 Concen: 254.996 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.001 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

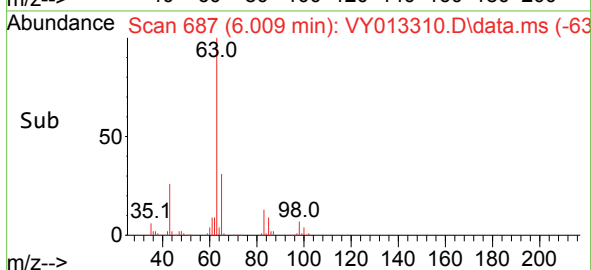
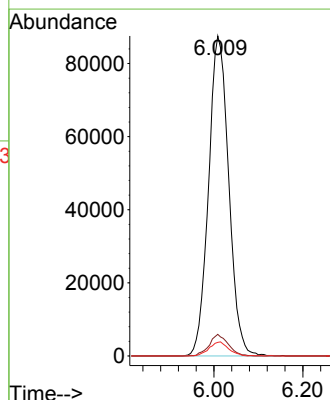
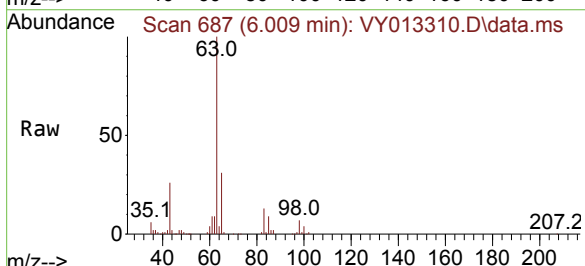
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

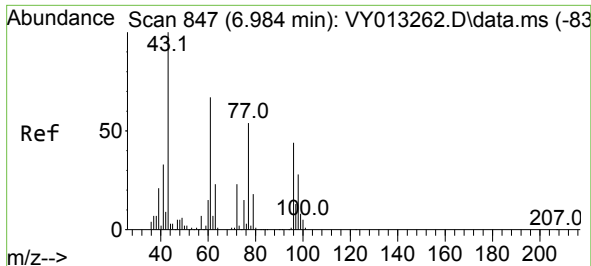
Tgt Ion: 43 Resp: 1576433
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.612 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

Tgt Ion: 63 Resp: 276481
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.2 2.3 6.8

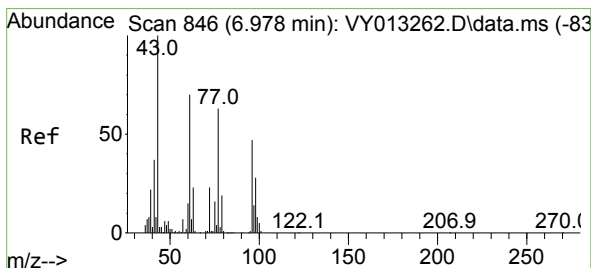
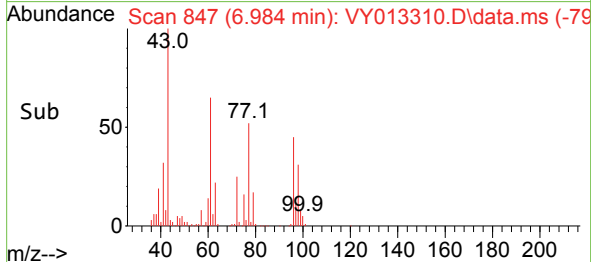
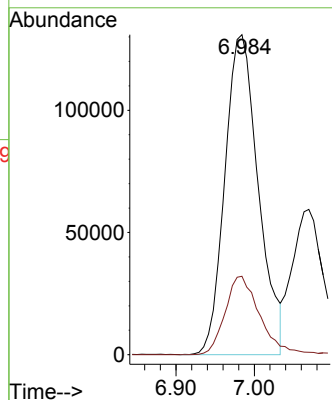
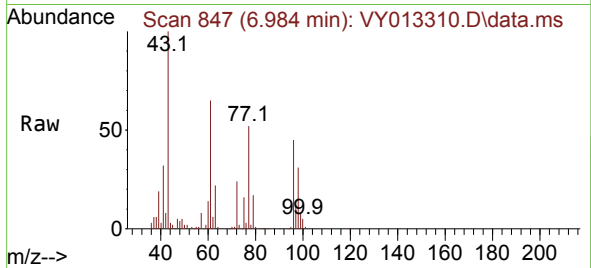




#25
2-Butanone
Concen: 266.944 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

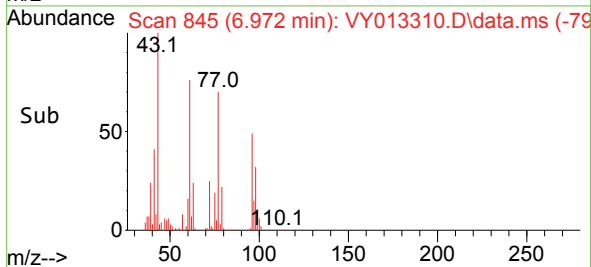
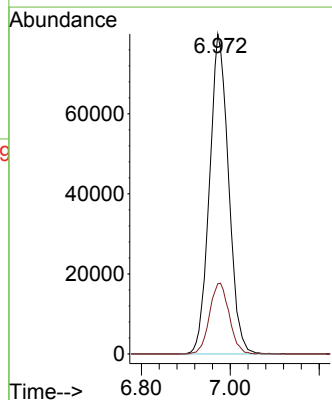
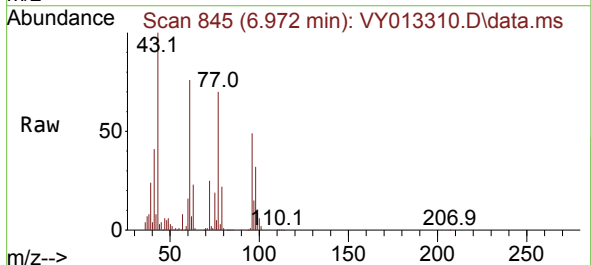
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

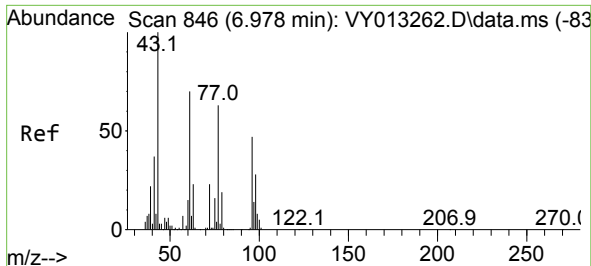
Tgt Ion: 43 Resp: 389877
Ion Ratio Lower Upper
43 100
72 24.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 48.566 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 77 Resp: 238020
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0



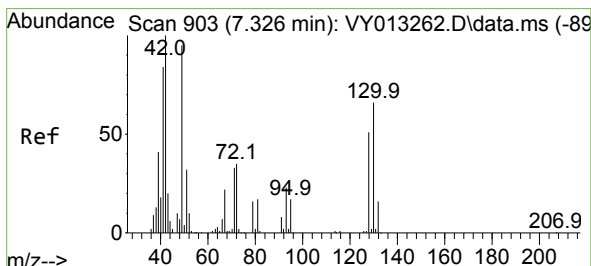
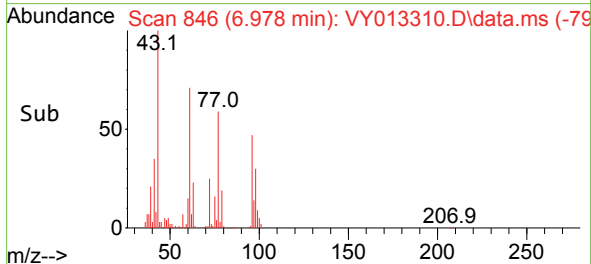
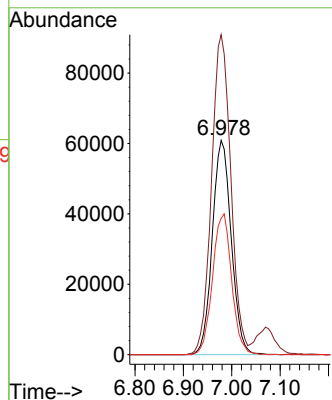
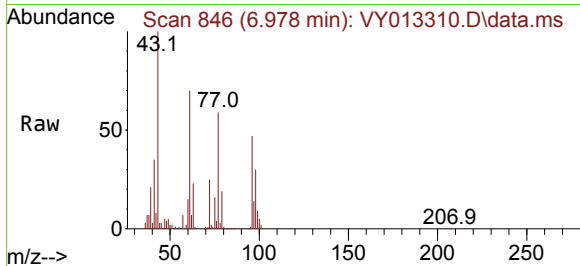


#27
 cis-1,2-Dichloroethene
 Concen: 51.376 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 165656

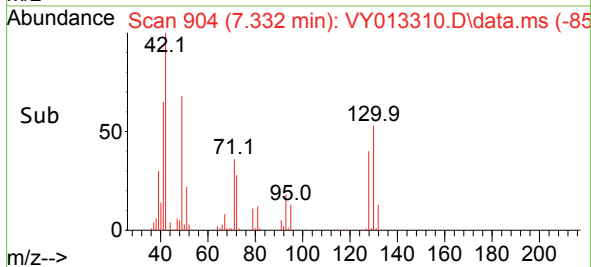
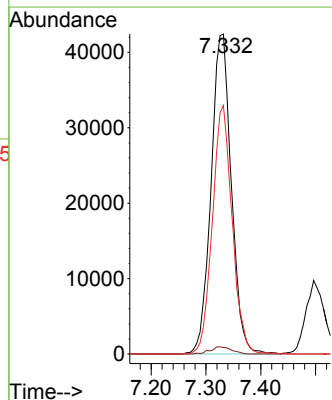
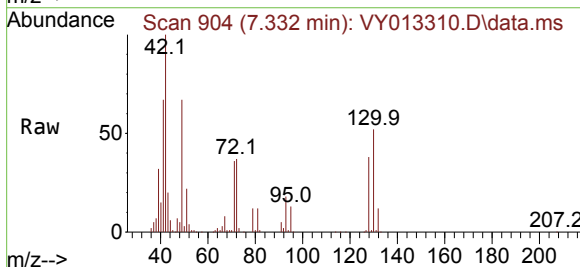
Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	295.8
98	66.2	0.0	130.2

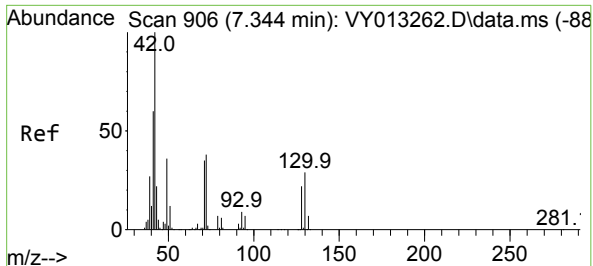


#28
 Bromochloromethane
 Concen: 49.954 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

Tgt Ion: 49 Resp: 108756

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	75.8	60.5	90.7





#29

Tetrahydrofuran

Concen: 264.543 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

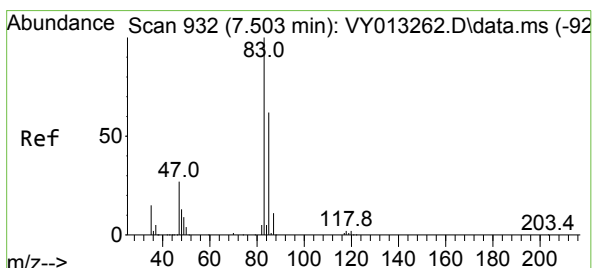
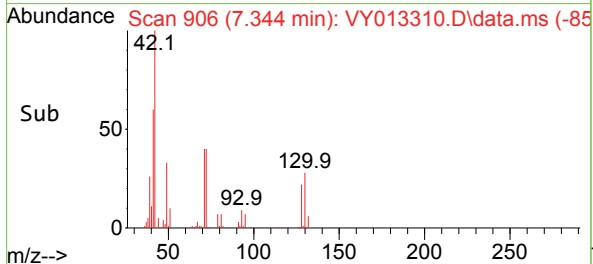
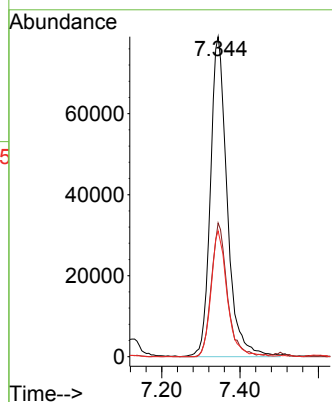
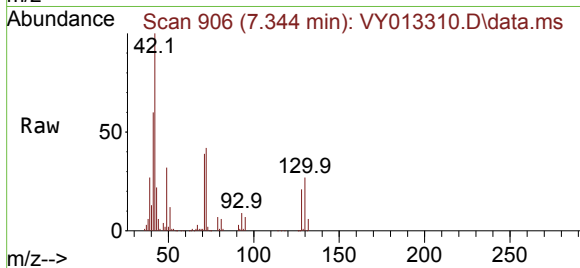
Tgt Ion: 42 Resp: 234664

Ion Ratio Lower Upper

42 100

72 39.8 32.3 48.5

71 37.9 30.3 45.5



#30

Chloroform

Concen: 50.136 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY013310.D

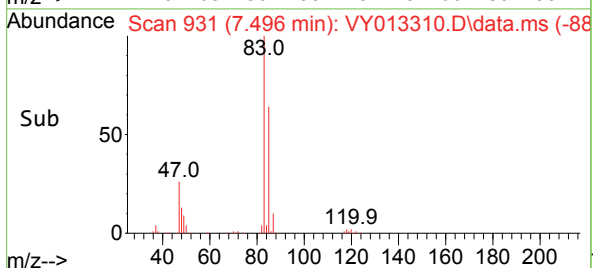
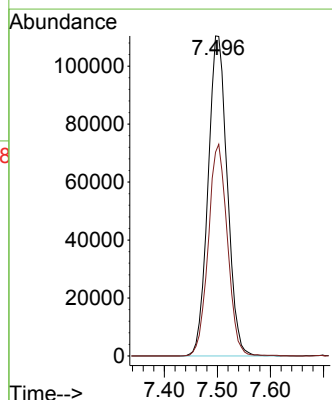
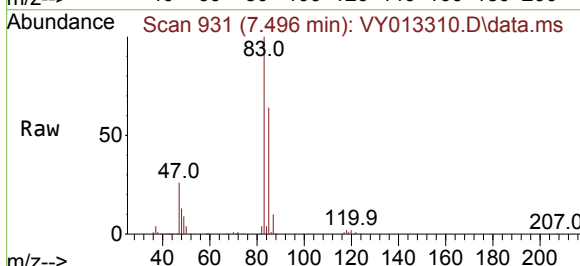
Acq: 14 Apr 2023 10:23

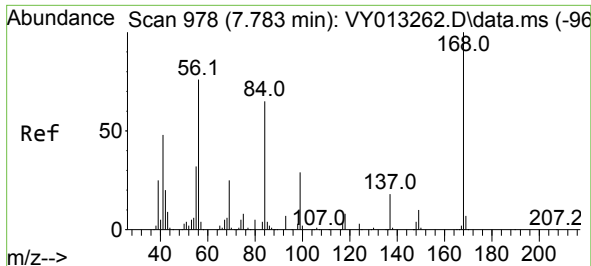
Tgt Ion: 83 Resp: 277157

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

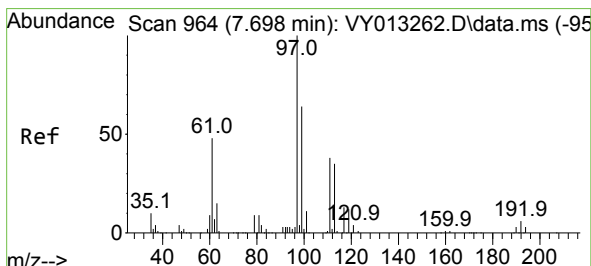
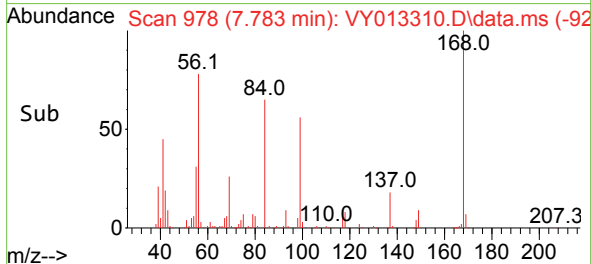
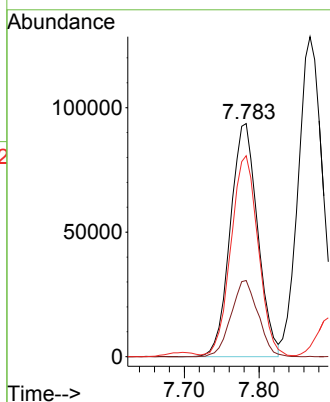
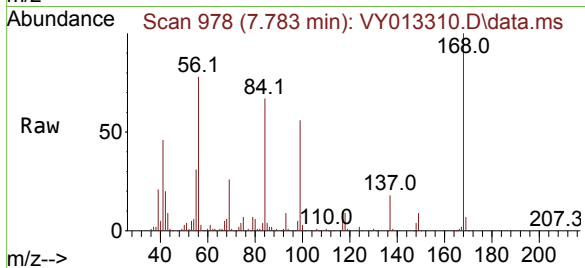




#31
Cyclohexane
Concen: 47.493 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

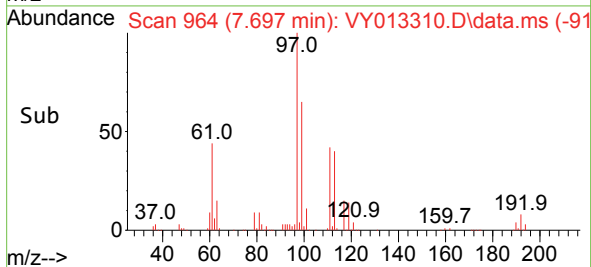
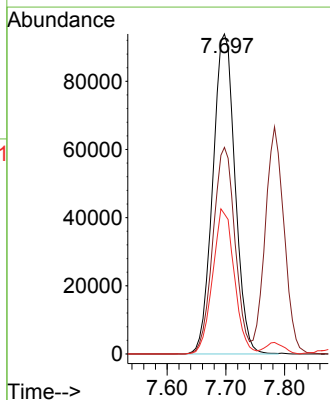
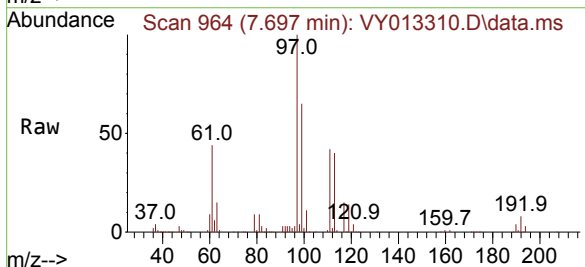
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

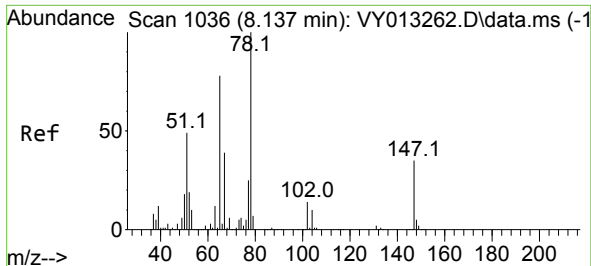
Tgt Ion: 56 Resp: 238242
Ion Ratio Lower Upper
56 100
69 32.7 25.7 38.5
84 84.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.399 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 97 Resp: 247046
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 44.1 34.5 51.7

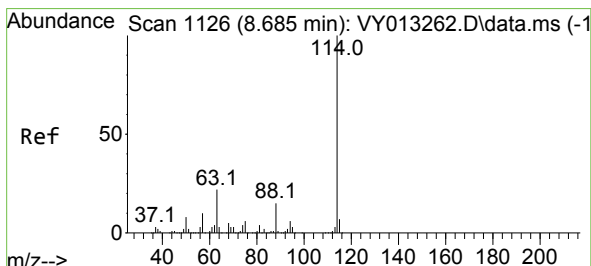
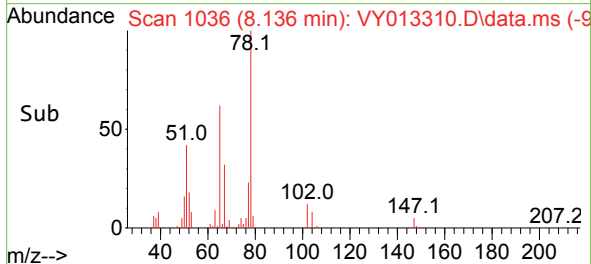
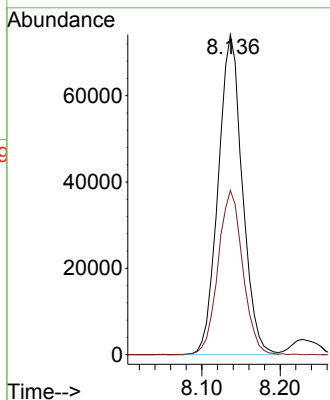
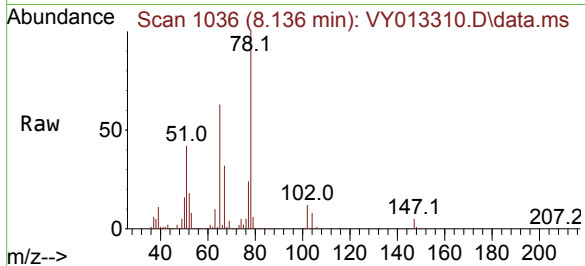




#33
 1,2-Dichloroethane-d4
 Concen: 47.942 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

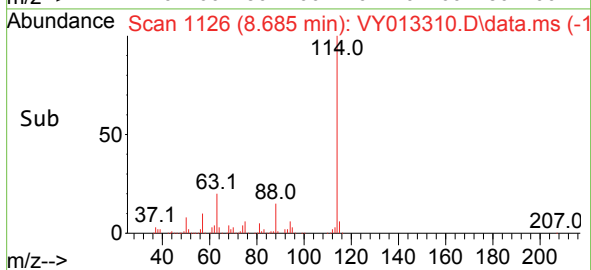
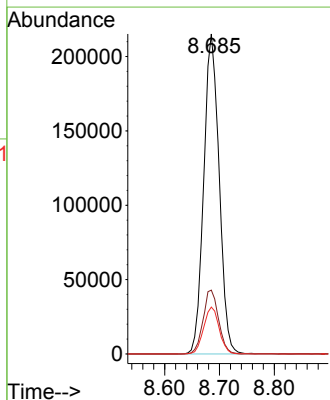
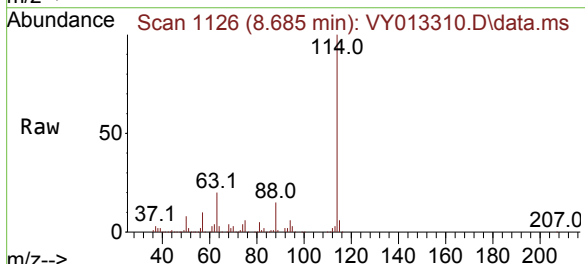
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

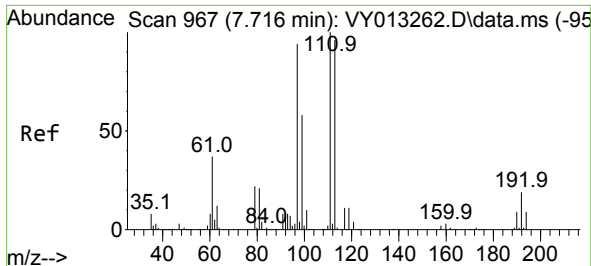
Tgt Ion: 65 Resp: 159052
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

Tgt Ion: 114 Resp: 418337
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.6 0.0 28.6

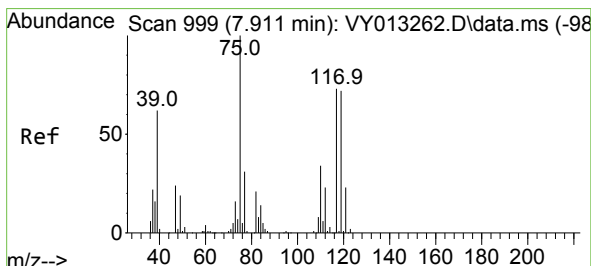
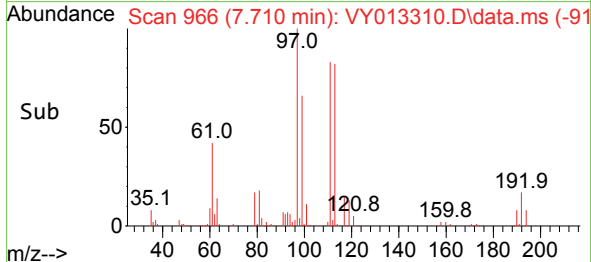
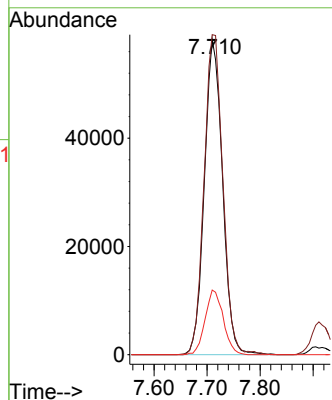
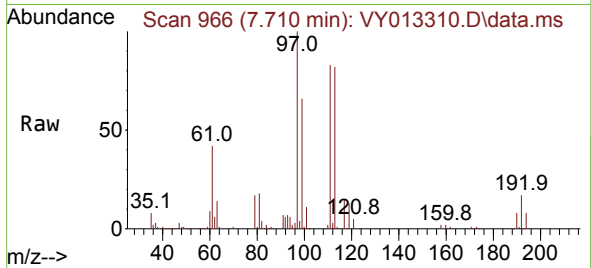




#35
Dibromofluoromethane
Concen: 51.210 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

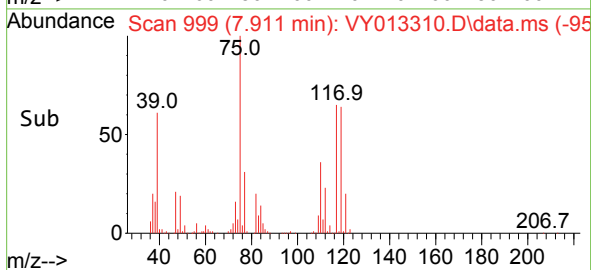
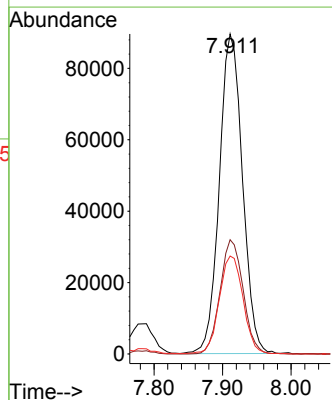
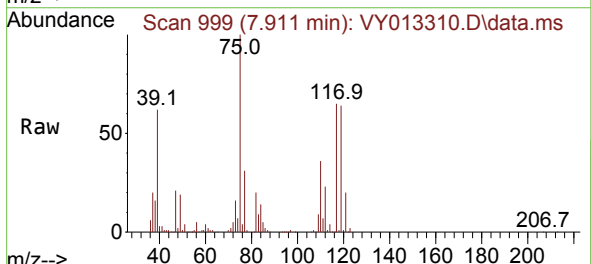
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

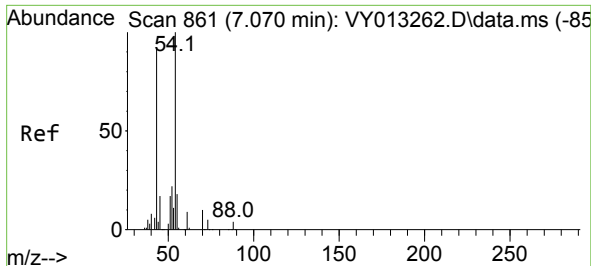
Tgt Ion:113 Resp: 138692
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.2
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 51.104 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 75 Resp: 209672
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 31.7 25.0 37.4

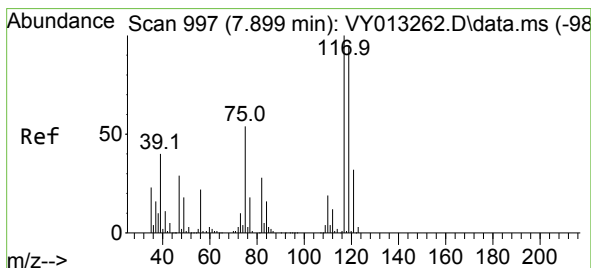
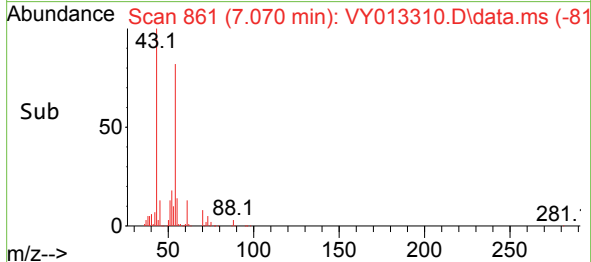
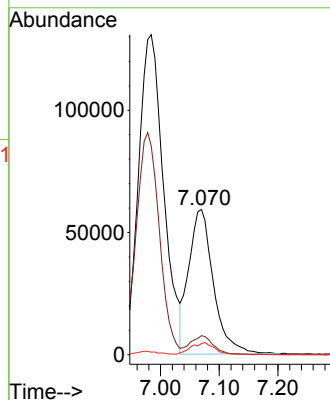
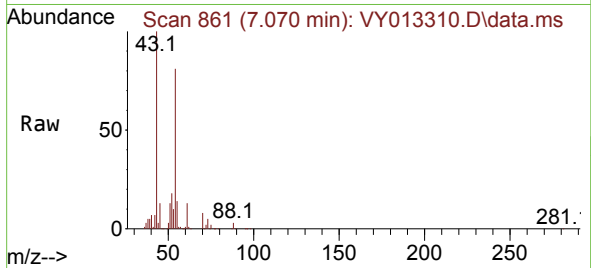




#37
Ethyl Acetate
Concen: 52.395 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

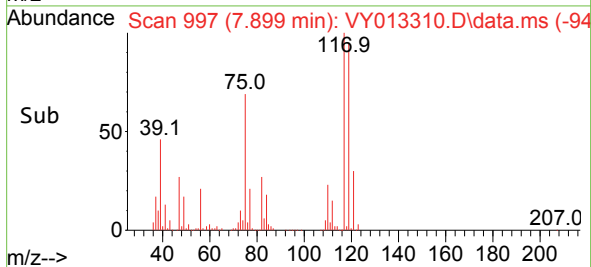
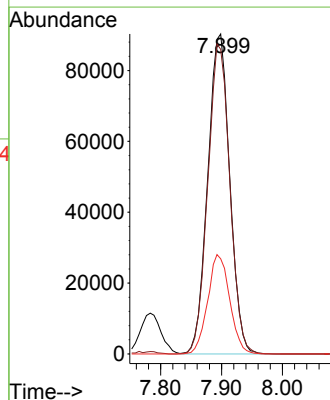
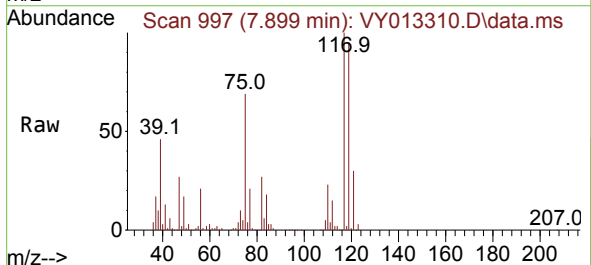
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

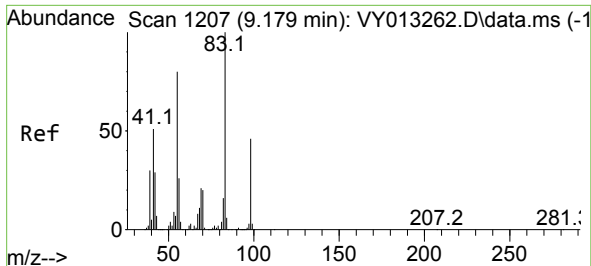
Tgt Ion: 43 Resp: 173285
Ion Ratio Lower Upper
43 100
61 11.5 10.7 16.1
70 8.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.005 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 117 Resp: 226860
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 29.8 24.7 37.1





#39

Methylcyclohexane

Concen: 52.482 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

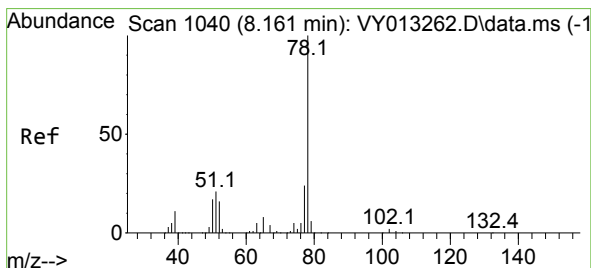
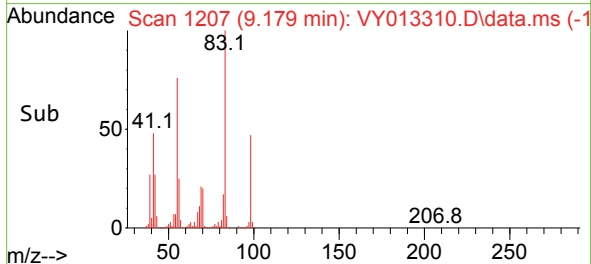
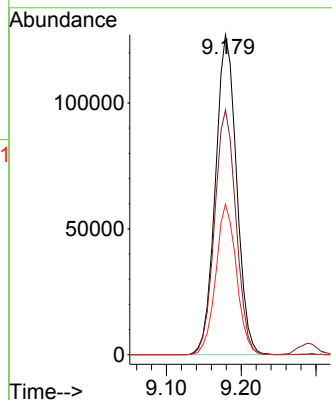
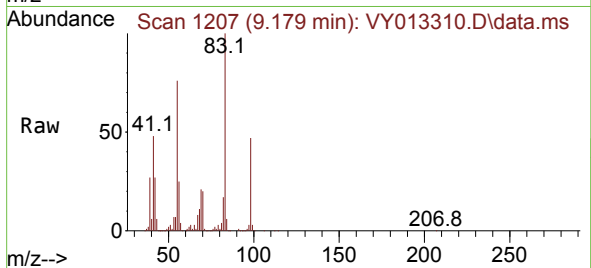
Tgt Ion: 83 Resp: 250323

Ion Ratio Lower Upper

83 100

55 76.5 60.0 90.0

98 47.1 38.3 57.5



#40

Benzene

Concen: 50.992 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013310.D

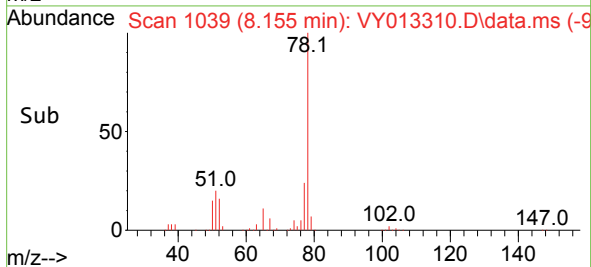
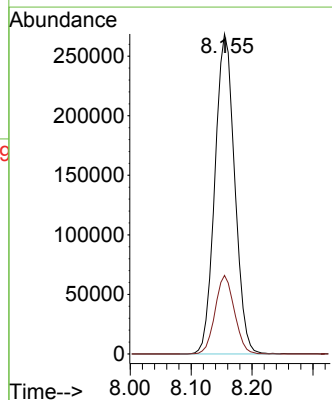
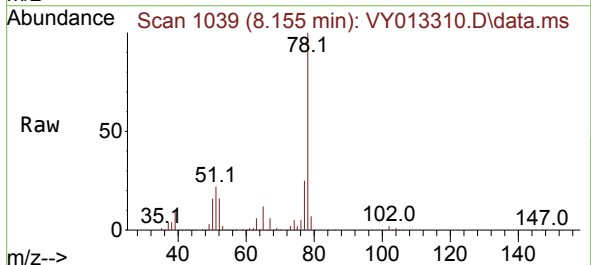
Acq: 14 Apr 2023 10:23

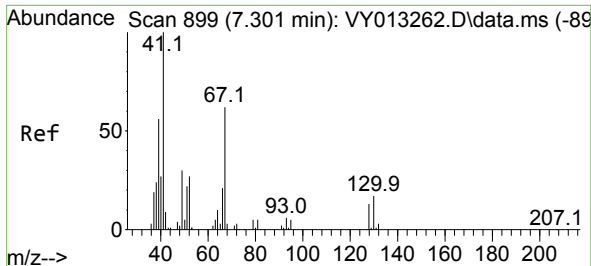
Tgt Ion: 78 Resp: 605522

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

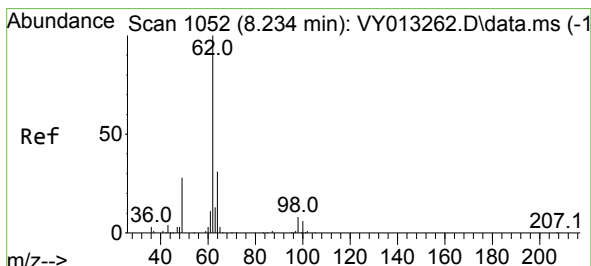
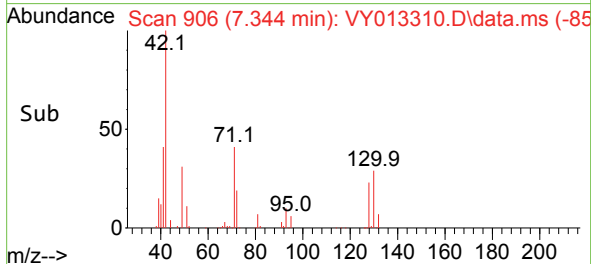
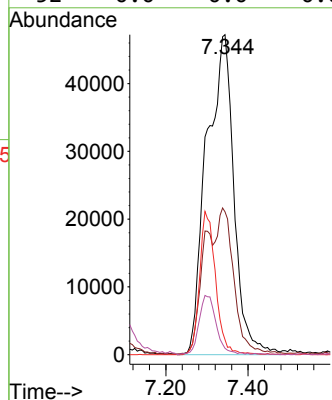
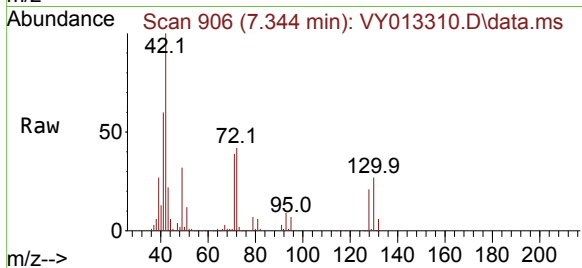




#41
Methacrylonitrile
Concen: 158.578 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

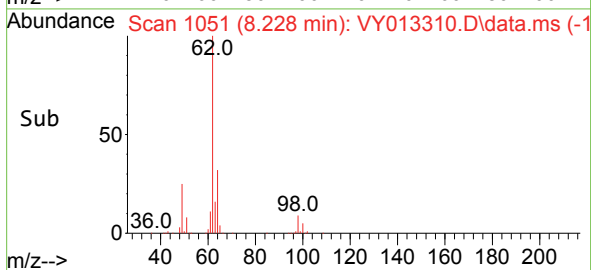
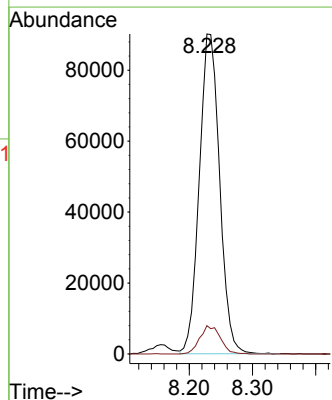
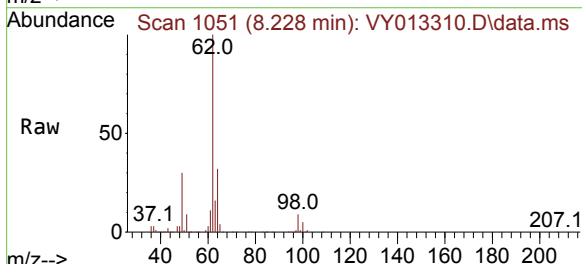
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

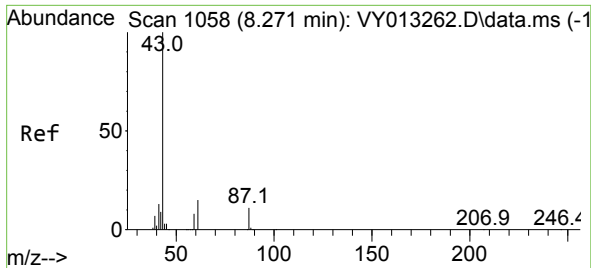
Tgt Ion:	41	Resp:	217584
Ion	Ratio	Lower	Upper
41	100		
39	27.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.170 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:	62	Resp:	201991
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8

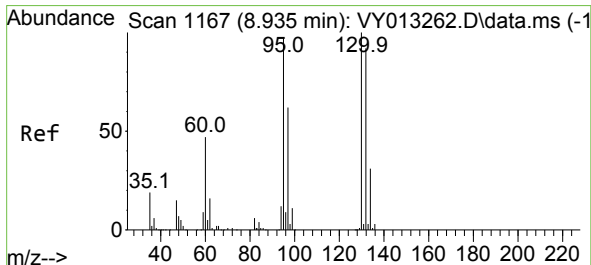
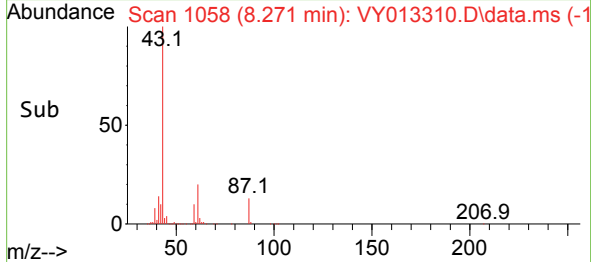
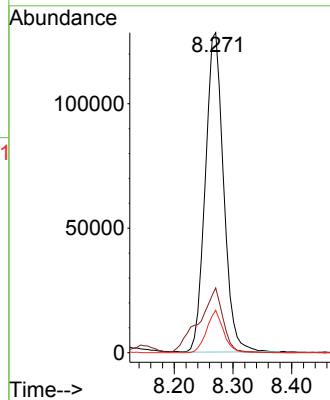
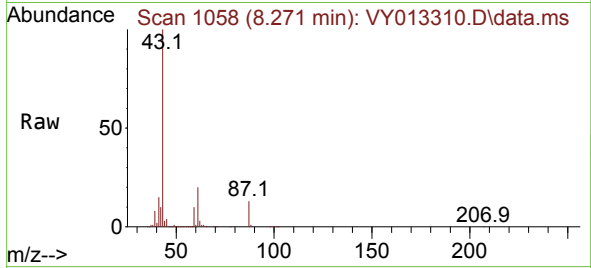




#43
Isopropyl Acetate
Concen: 50.470 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

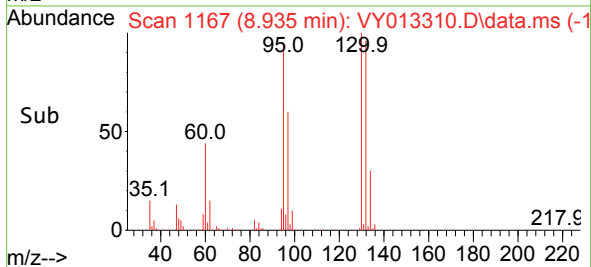
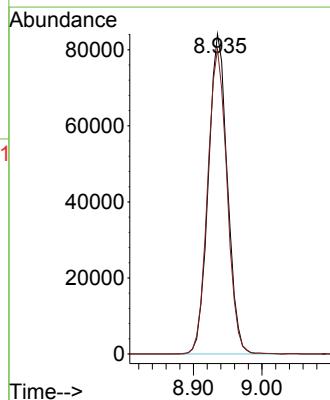
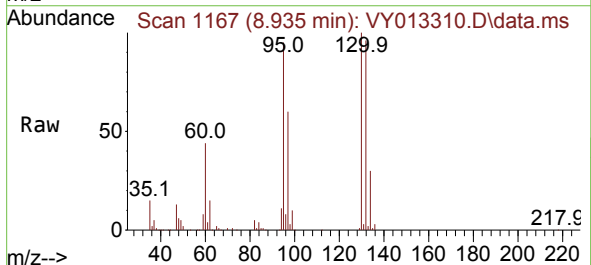
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

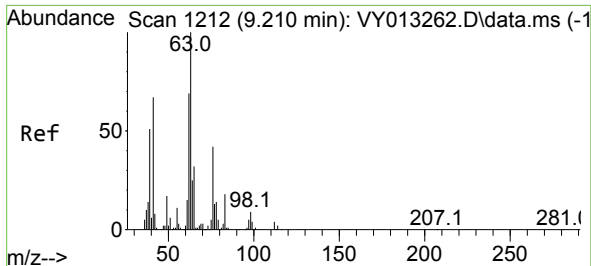
Tgt Ion: 43 Resp: 277251
Ion Ratio Lower Upper
43 100
61 26.6 21.6 32.4
87 12.2 9.9 14.9



#44
Trichloroethene
Concen: 53.052 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:130 Resp: 162287
Ion Ratio Lower Upper
130 100
95 95.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 51.993 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

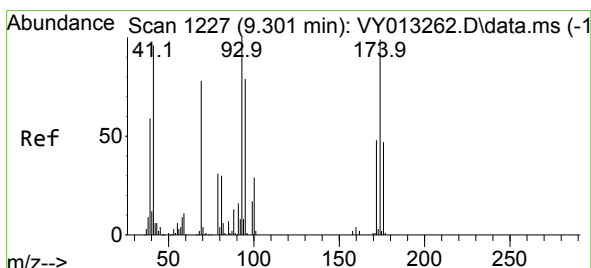
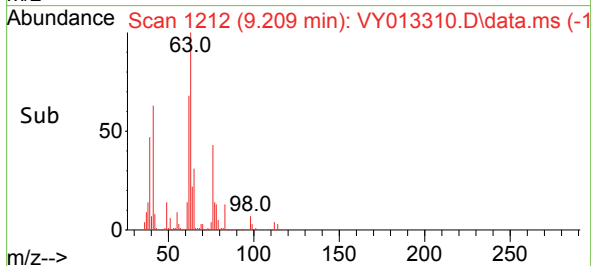
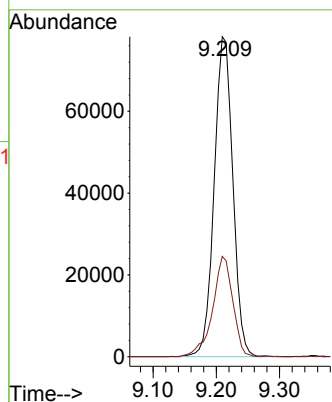
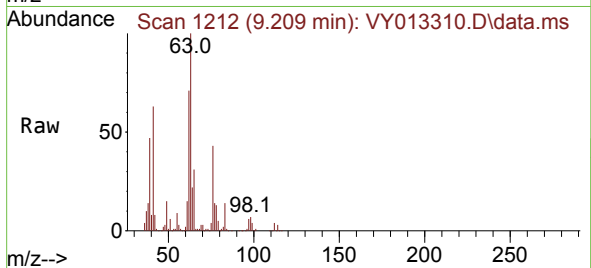
VSTDCCC050

Tgt Ion: 63 Resp: 160250

Ion Ratio Lower Upper

63 100

65 31.3 25.7 38.5



#46

Dibromomethane

Concen: 51.855 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

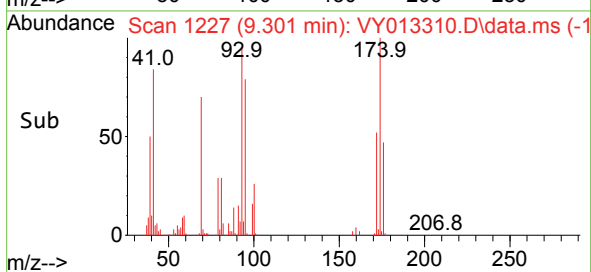
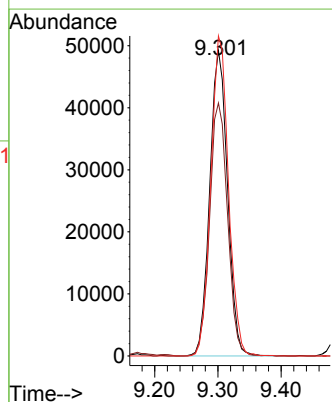
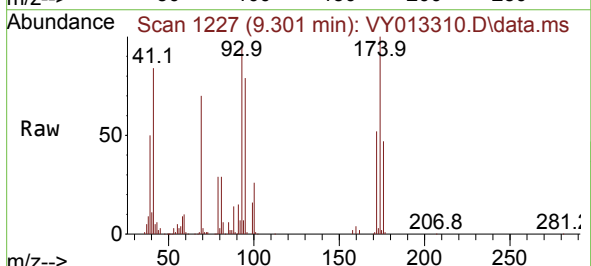
Tgt Ion: 93 Resp: 96190

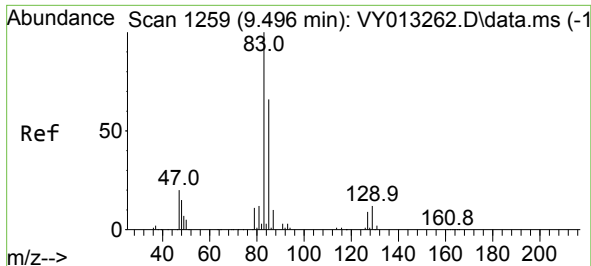
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 104.0 81.3 121.9

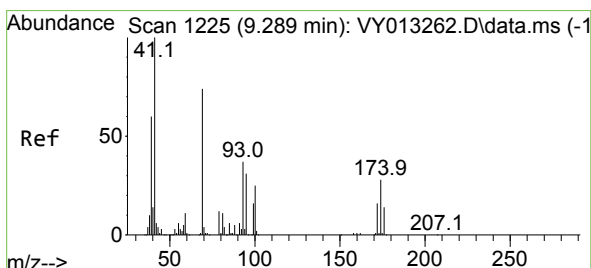
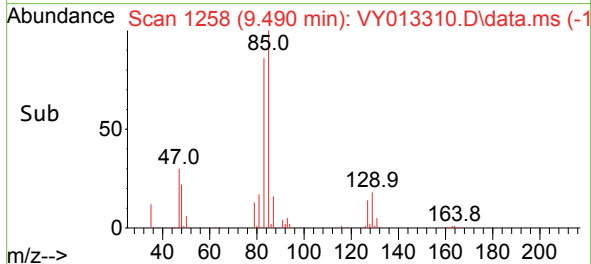
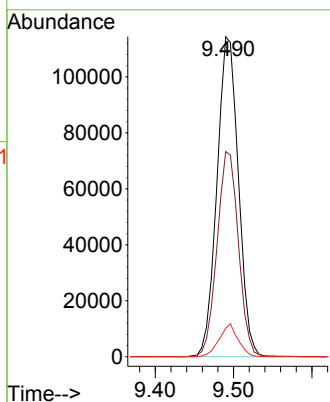
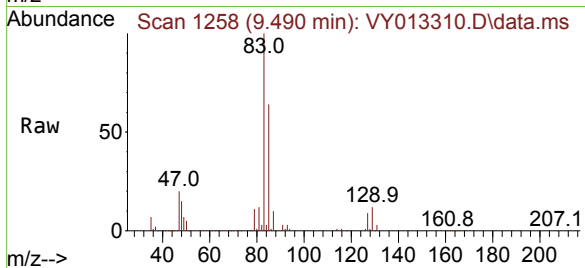




#47
Bromodichloromethane
Concen: 51.368 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

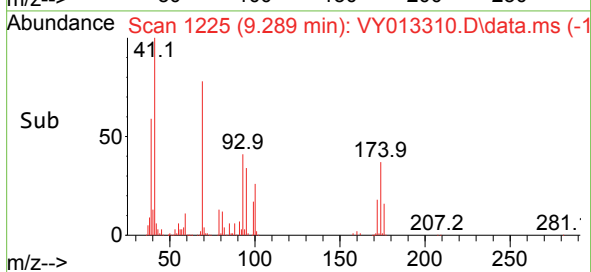
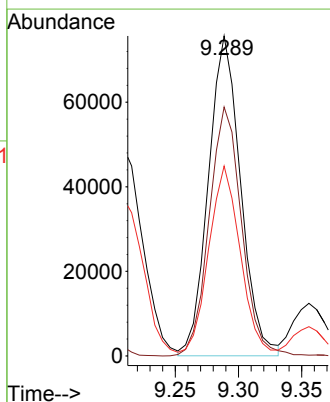
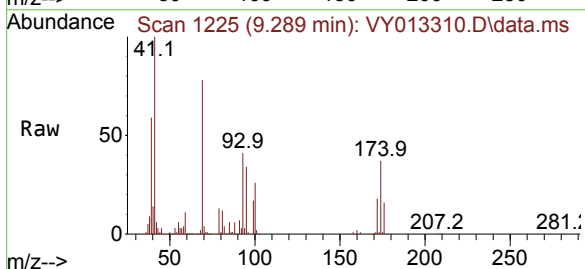
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

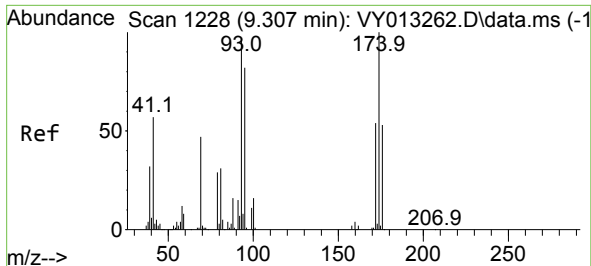
Tgt Ion: 83 Resp: 217832
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 53.141 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 41 Resp: 134089
Ion Ratio Lower Upper
41 100
69 78.5 64.1 96.1
39 56.0 44.0 66.0

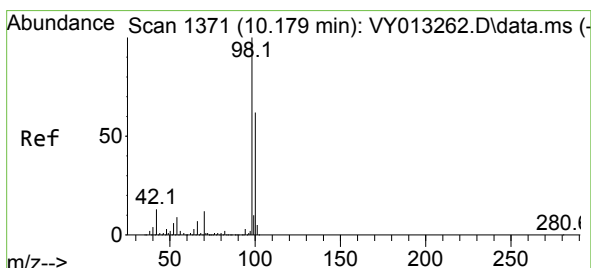
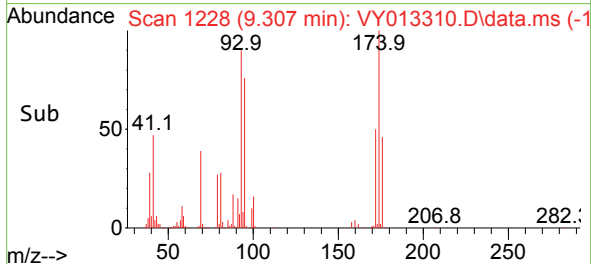
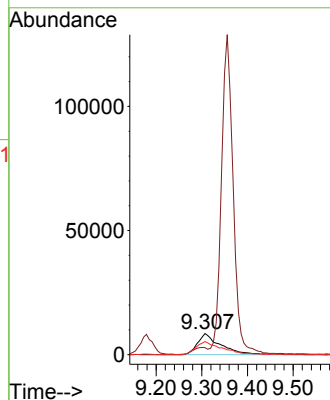
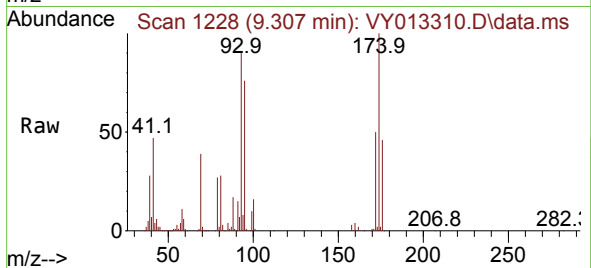




#49
1,4-Dioxane
Concen: 1197.567 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

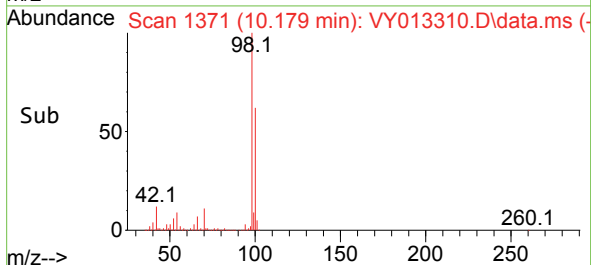
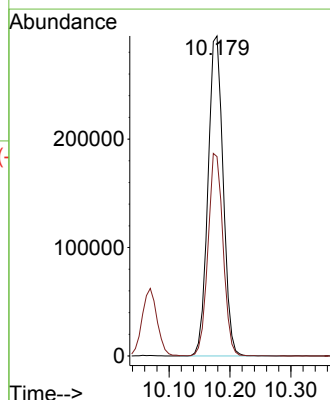
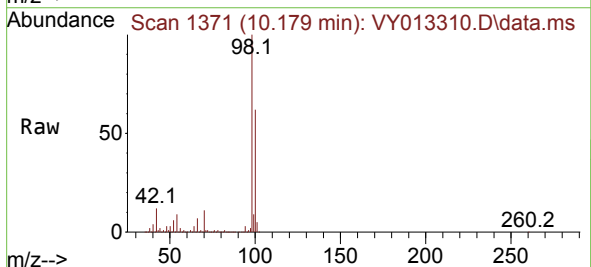
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

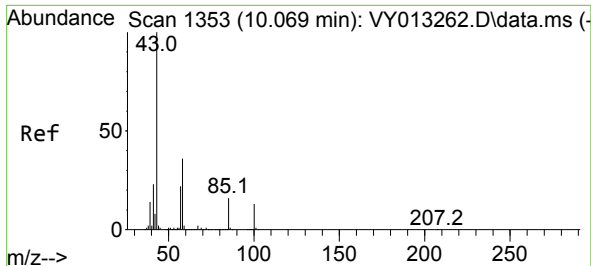
Tgt Ion: 88 Resp: 30098
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 69.8 55.2 82.8



#50
Toluene-d8
Concen: 50.450 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 98 Resp: 508573
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

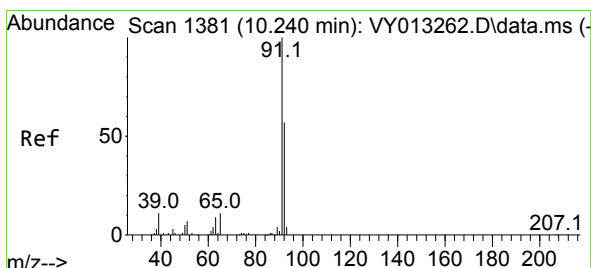
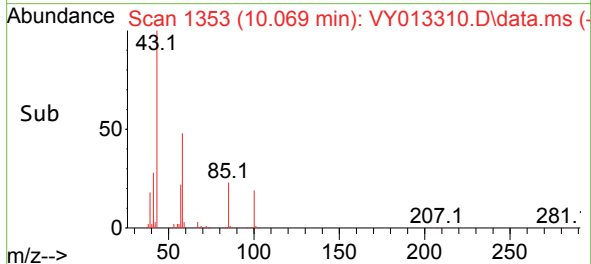
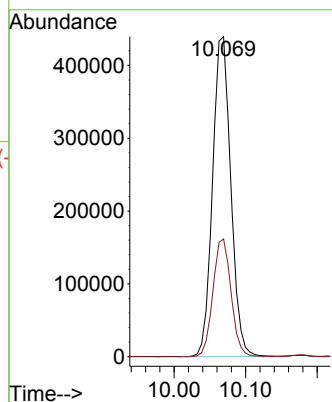
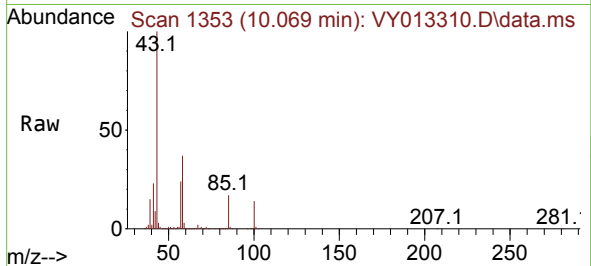




#51
4-Methyl-2-Pentanone
Concen: 260.803 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

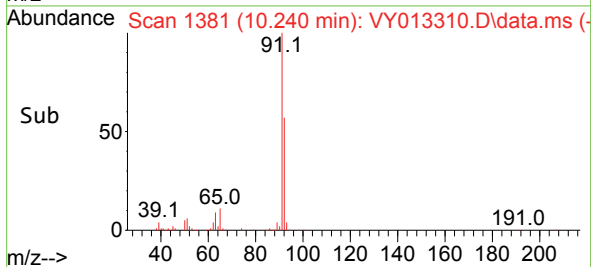
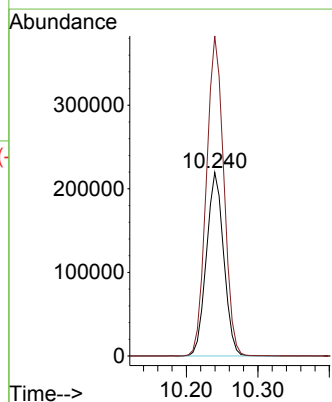
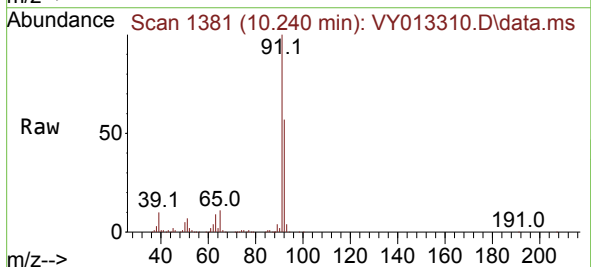
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

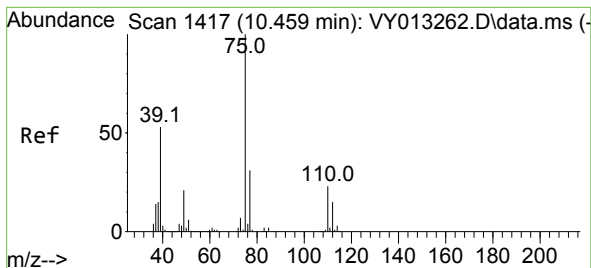
Tgt Ion: 43 Resp: 779702
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6



#52
Toluene
Concen: 51.390 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 92 Resp: 368491
Ion Ratio Lower Upper
92 100
91 175.8 141.3 211.9

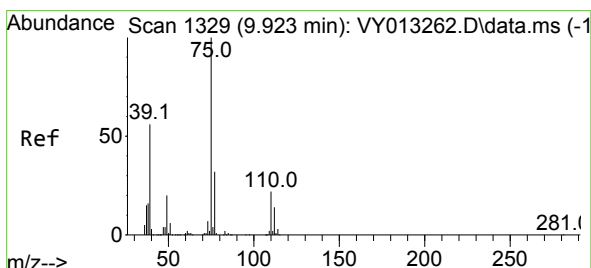
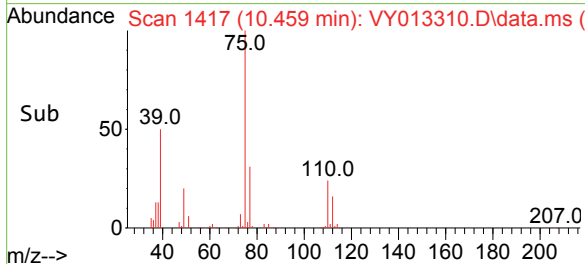
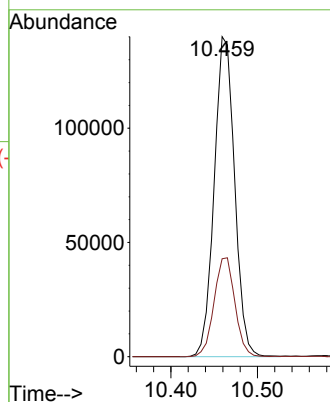
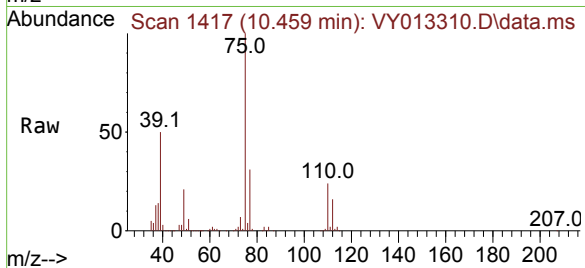




#53
 t-1,3-Dichloropropene
 Concen: 51.682 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

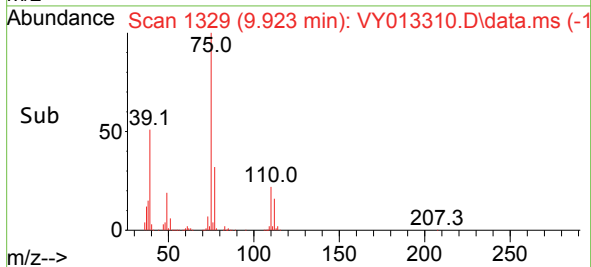
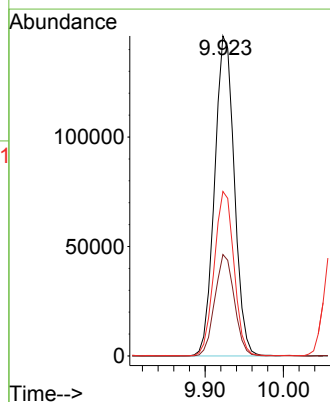
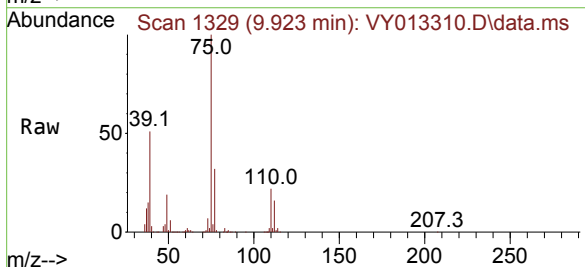
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

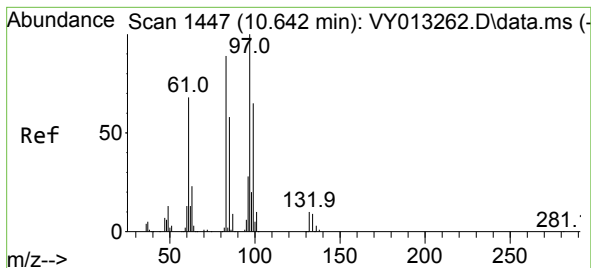
Tgt Ion: 75 Resp: 229519
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.503 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

Tgt Ion: 75 Resp: 255666
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 51.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 52.262 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 127826

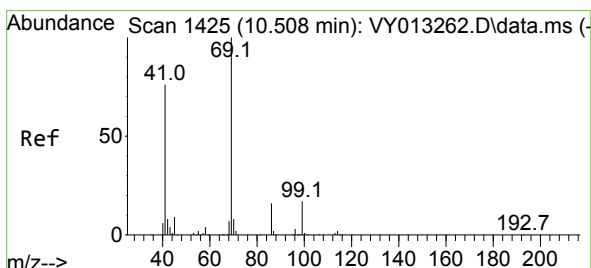
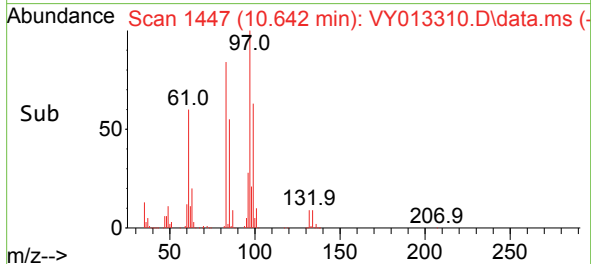
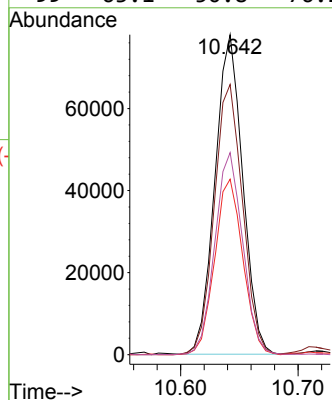
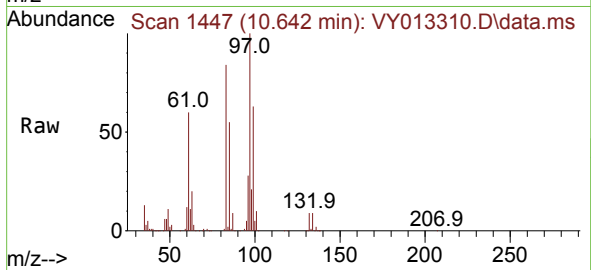
Ion Ratio Lower Upper

97 100

83 84.5 69.0 103.6

85 54.9 44.9 67.3

99 63.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 54.416 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

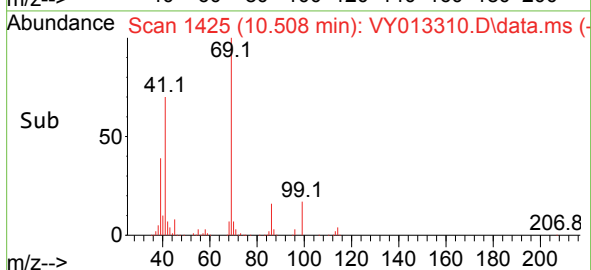
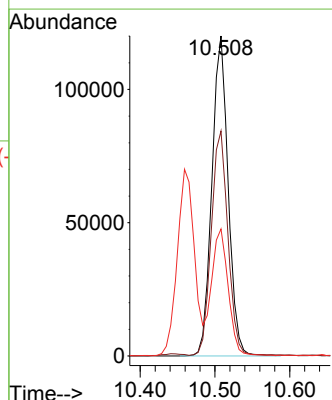
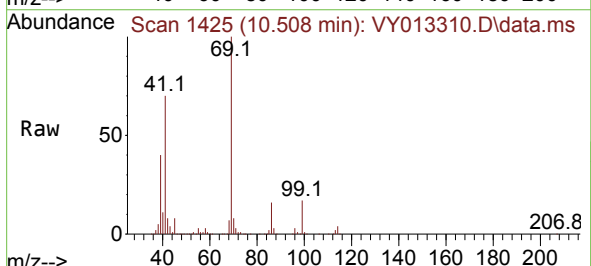
Tgt Ion: 69 Resp: 182235

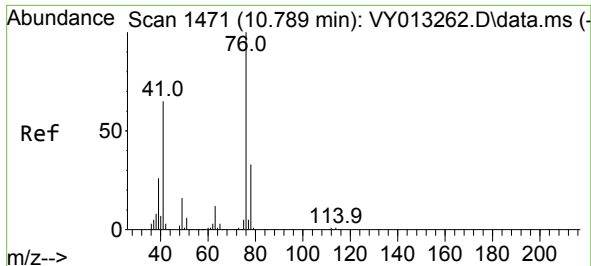
Ion Ratio Lower Upper

69 100

41 71.3 56.4 84.6

39 40.7 30.8 46.2





#57

1,3-Dichloropropane

Concen: 52.398 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

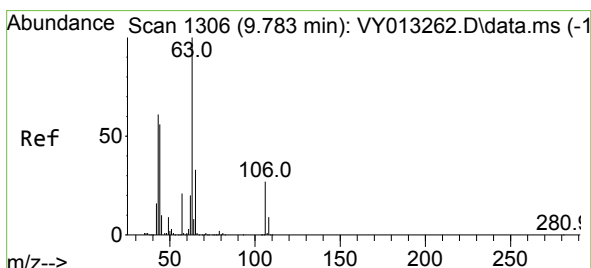
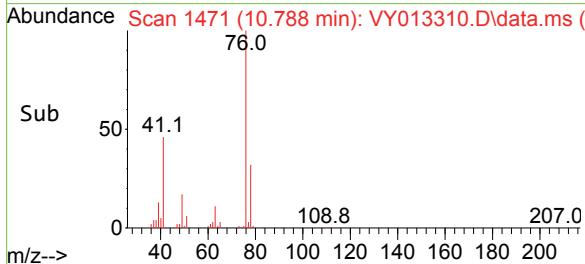
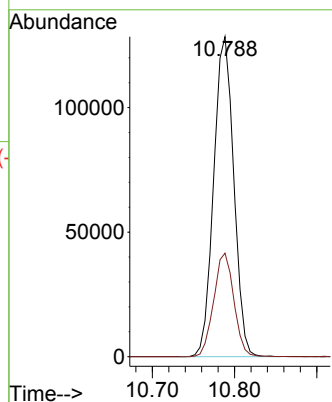
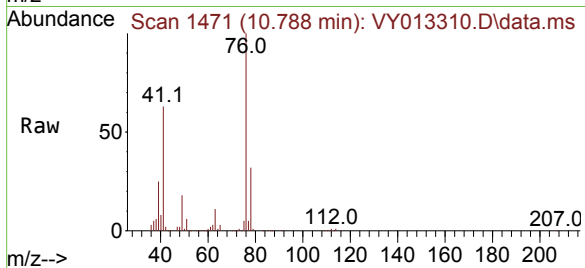
VSTDCCC050

Tgt Ion: 76 Resp: 217971

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.992 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013310.D

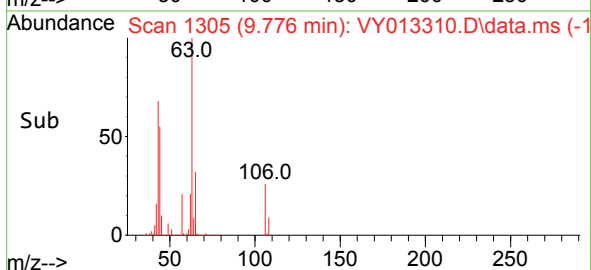
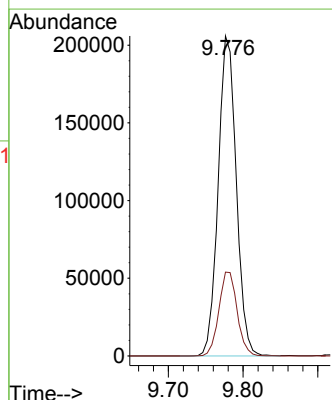
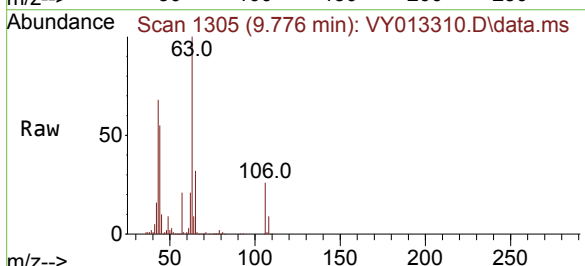
Acq: 14 Apr 2023 10:23

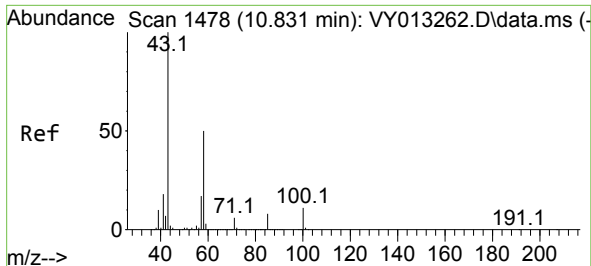
Tgt Ion: 63 Resp: 346774

Ion Ratio Lower Upper

63 100

106 26.5 22.1 33.1

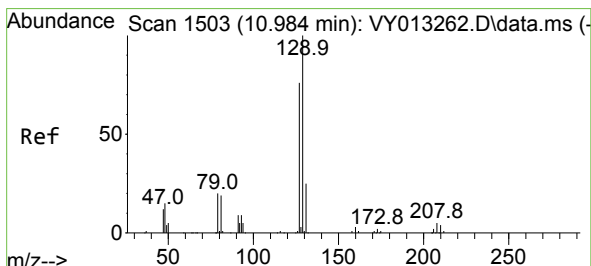
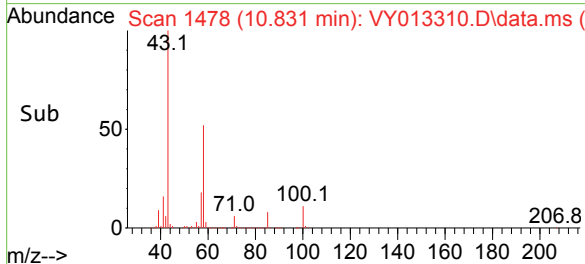
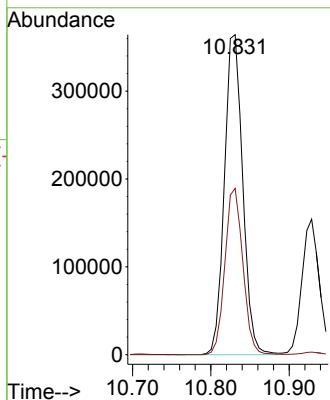
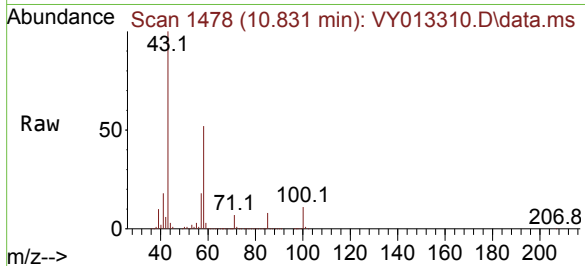




#59
2-Hexanone
Concen: 272.454 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

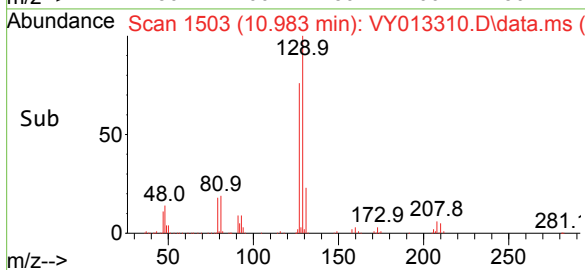
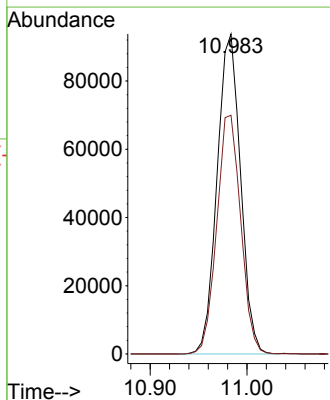
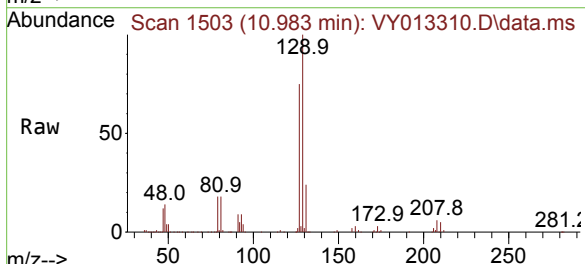
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

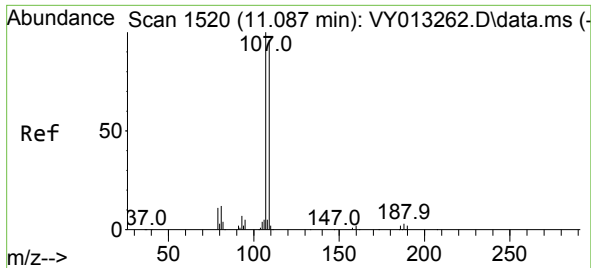
Tgt Ion: 43 Resp: 592262
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.8



#60
Dibromochloromethane
Concen: 51.498 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 129 Resp: 157933
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

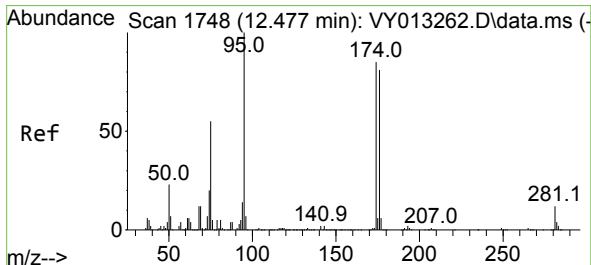
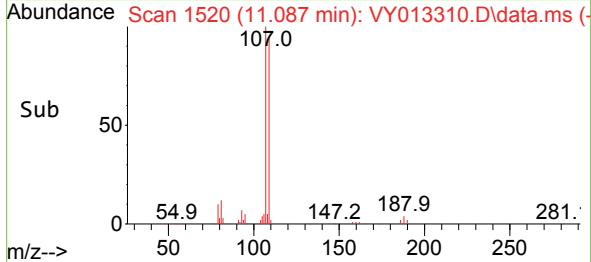
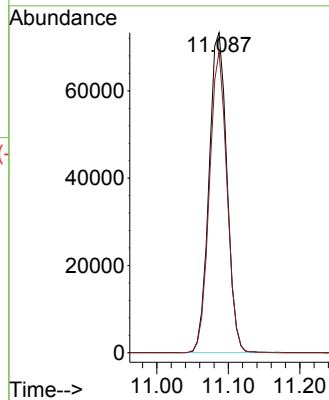
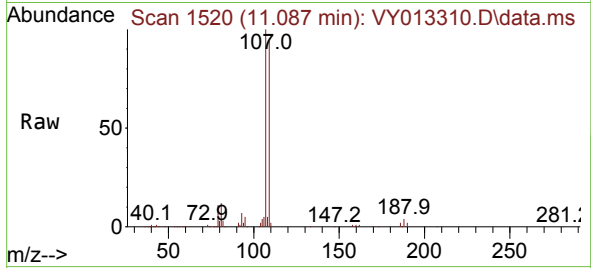




#61
1,2-Dibromoethane
Concen: 53.482 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

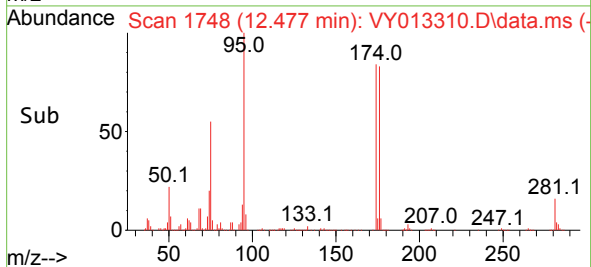
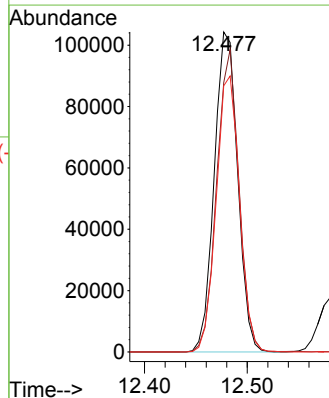
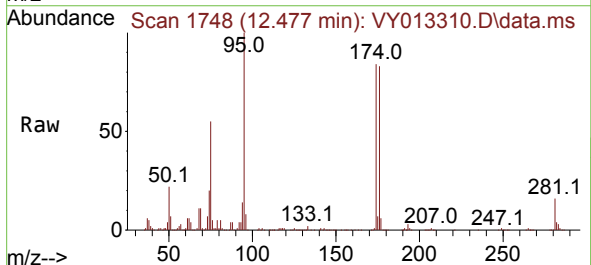
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

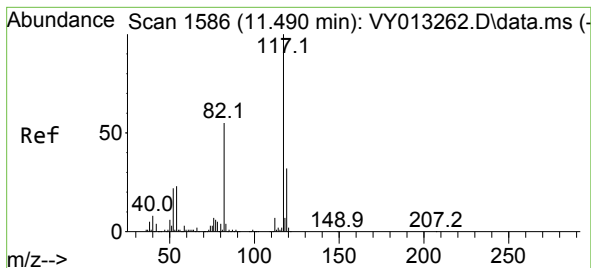
Tgt Ion:107 Resp: 127378
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.219 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 95 Resp: 164485
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.6
176 86.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

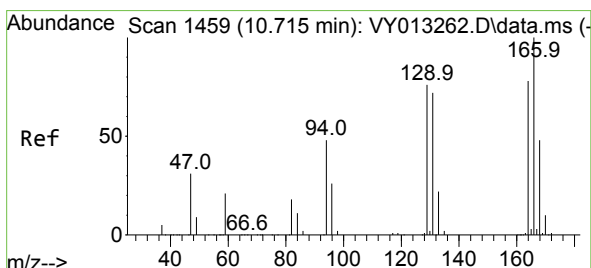
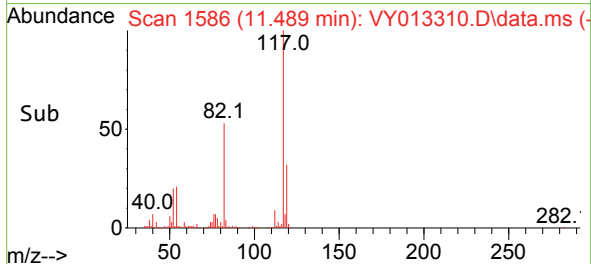
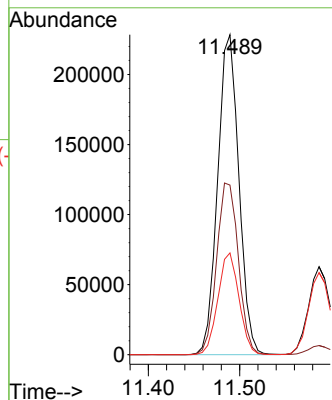
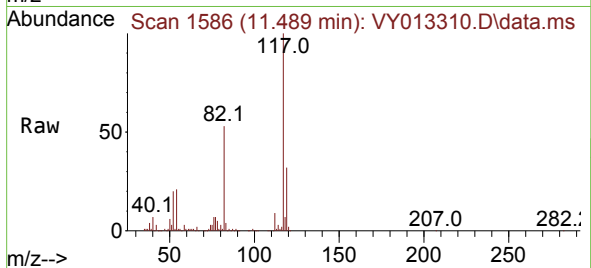
Tgt Ion:117 Resp: 369327

Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 51.624 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Tgt Ion:164 Resp: 134510

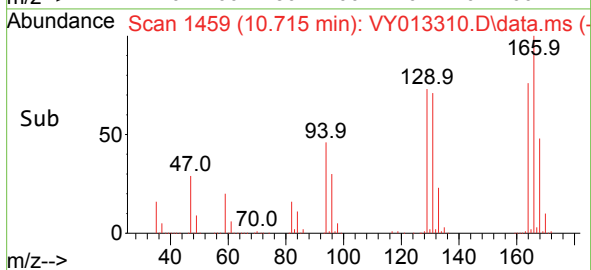
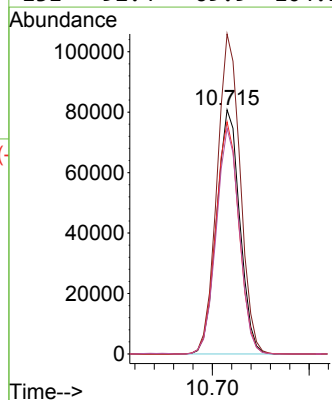
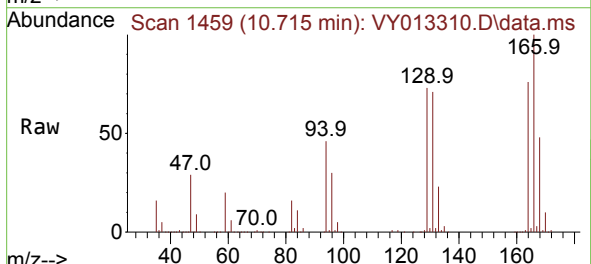
Ion Ratio Lower Upper

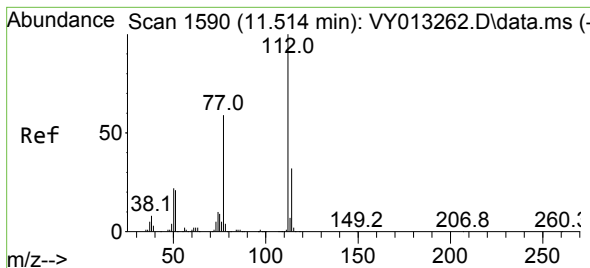
164 100

166 131.1 103.4 155.2

129 95.1 71.4 107.2

131 92.4 69.9 104.9

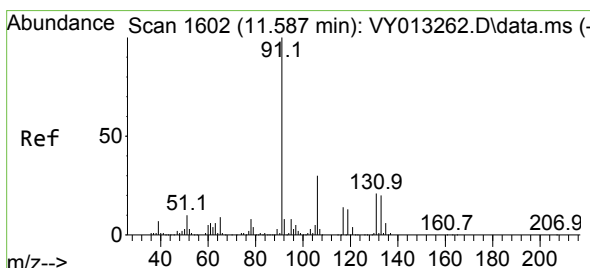
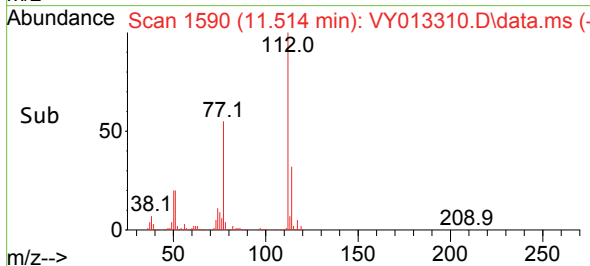
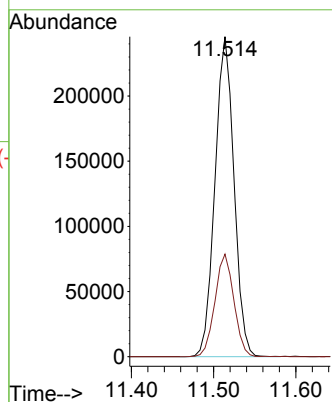
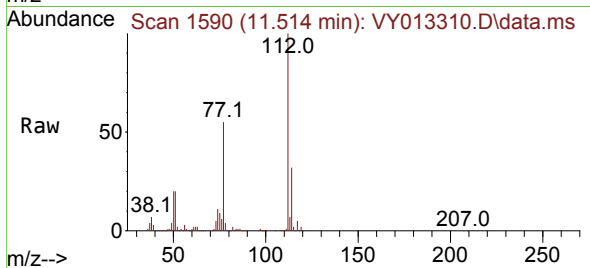




#65
Chlorobenzene
Concen: 51.105 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

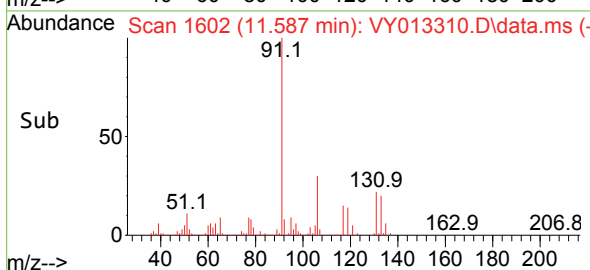
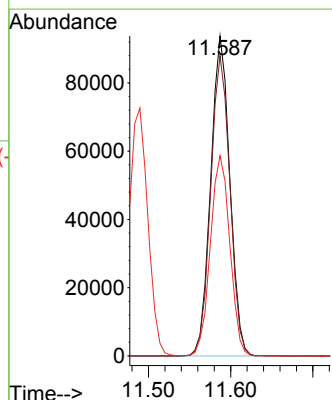
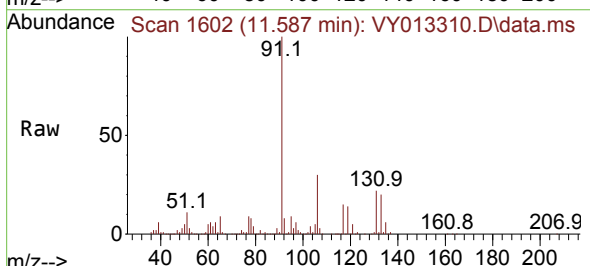
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

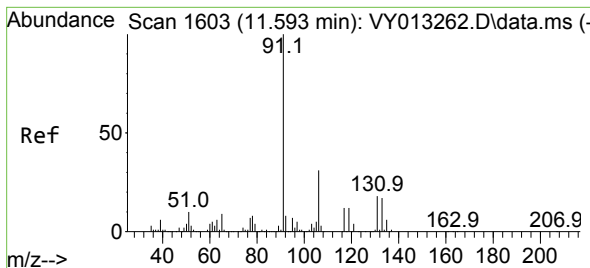
Tgt Ion:112 Resp: 394835
Ion Ratio Lower Upper
112 100
114 32.0 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.256 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:131 Resp: 151507
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.0
119 63.9 32.6 98.0

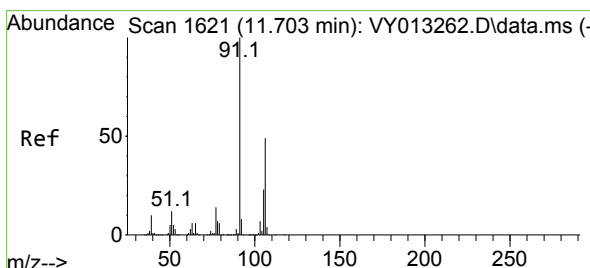
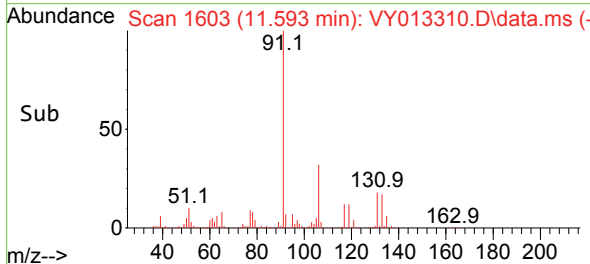
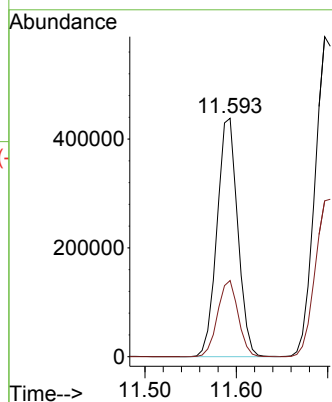
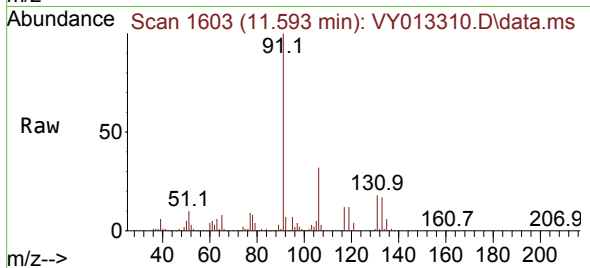




#67
Ethyl Benzene
Concen: 51.266 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

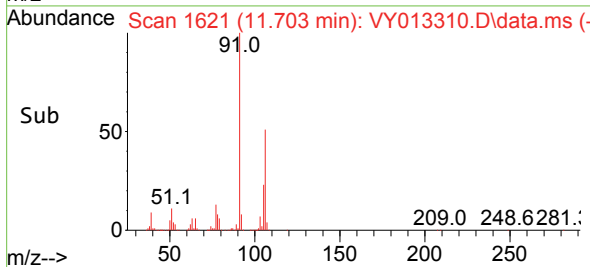
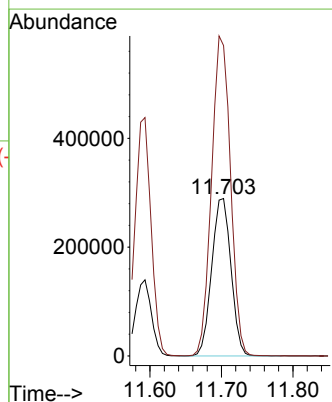
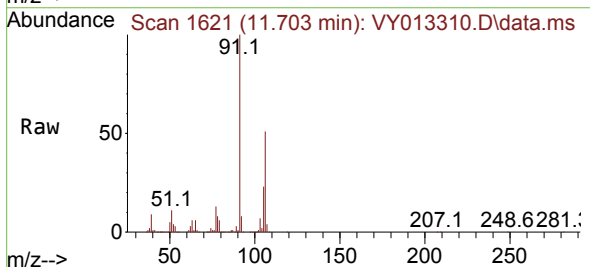
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

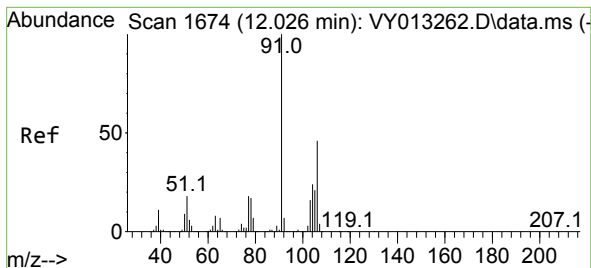
Tgt Ion: 91 Resp: 689840
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 105.077 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:106 Resp: 540984
Ion Ratio Lower Upper
106 100
91 200.6 159.8 239.8

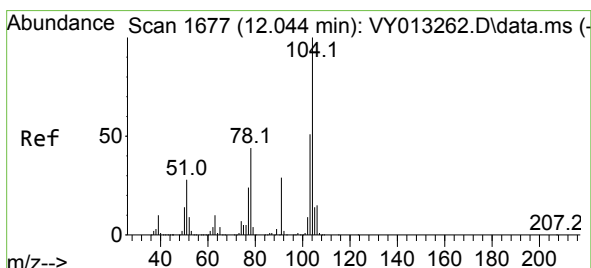
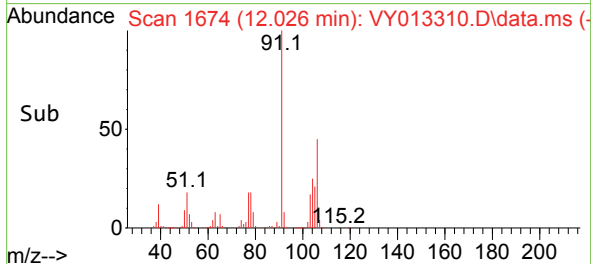
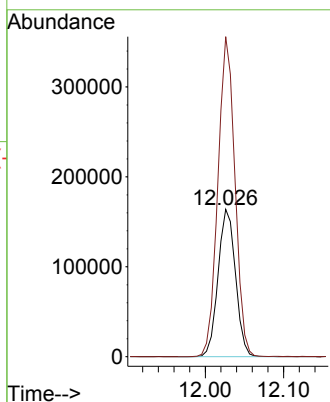
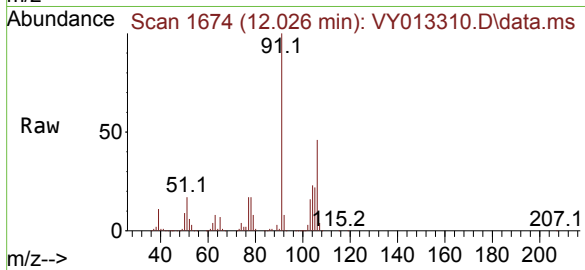




#69
o-Xylene
Concen: 53.276 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

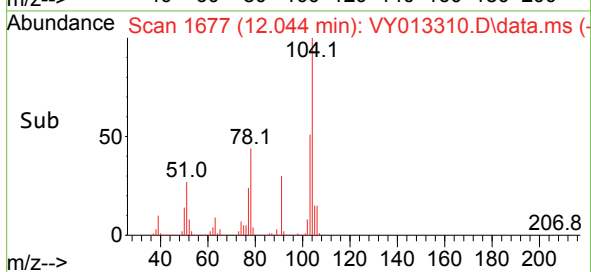
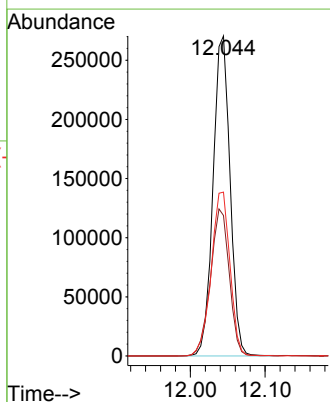
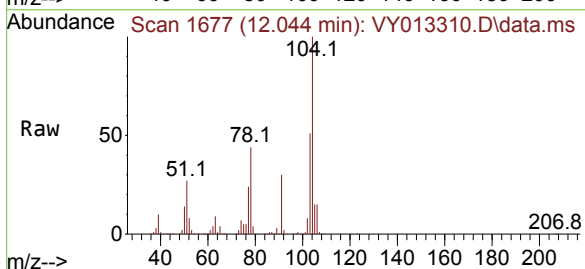
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

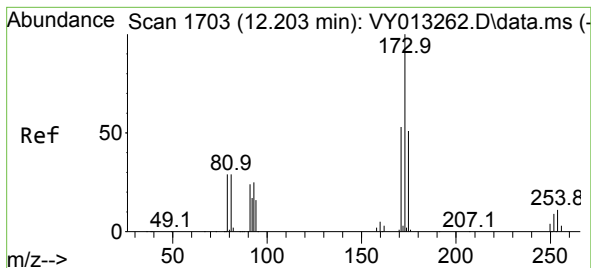
Tgt Ion:106 Resp: 254032
Ion Ratio Lower Upper
106 100
91 212.7 107.2 321.6



#70
Styrene
Concen: 53.122 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:104 Resp: 427810
Ion Ratio Lower Upper
104 100
78 50.8 39.2 58.8
103 56.5 43.7 65.5





#71

Bromoform

Concen: 53.245 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

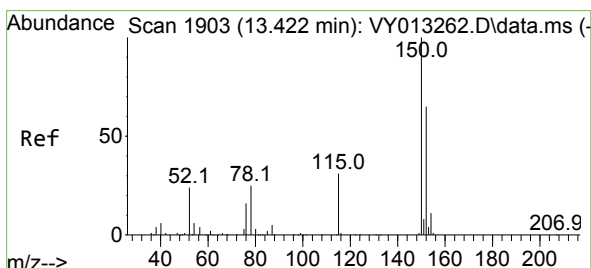
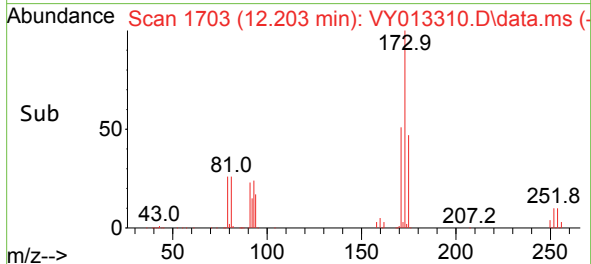
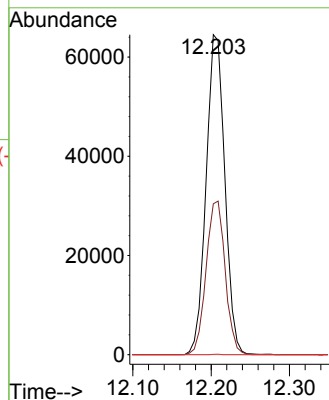
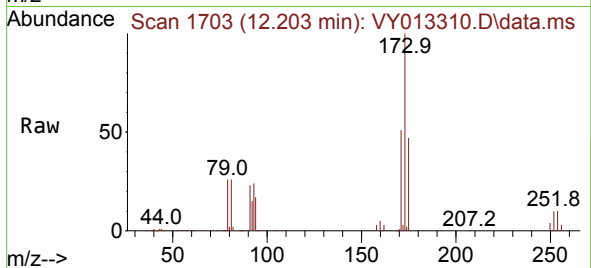
Tgt Ion:173 Resp: 106947

Ion Ratio Lower Upper

173 100

175 48.9 25.0 75.0

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: VY013310.D

Acq: 14 Apr 2023 10:23

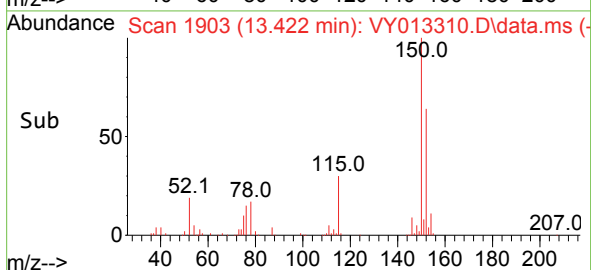
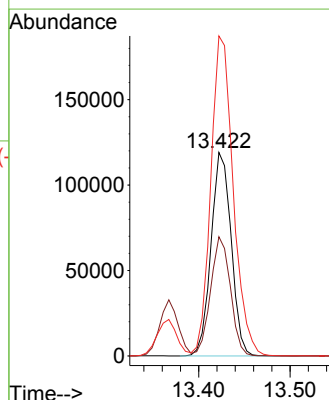
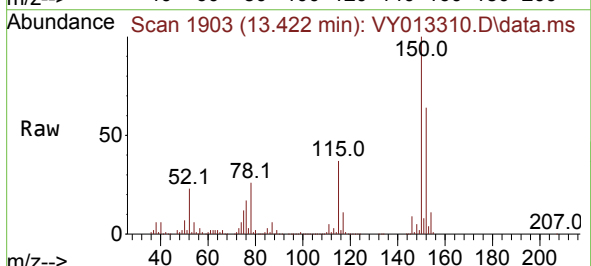
Tgt Ion:152 Resp: 182231

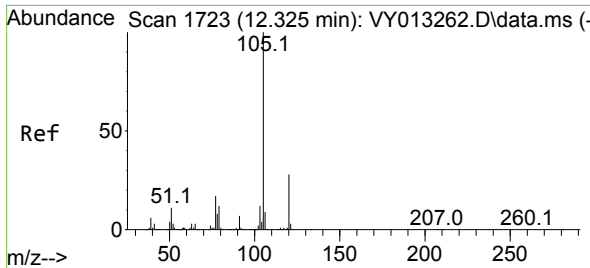
Ion Ratio Lower Upper

152 100

115 57.8 27.1 81.3

150 174.8 0.0 347.8

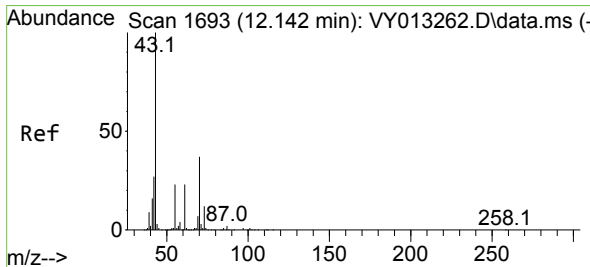
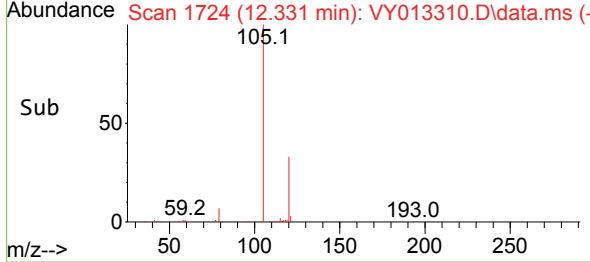
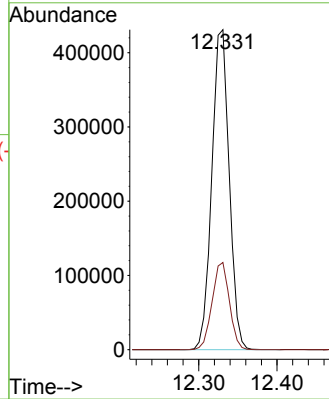
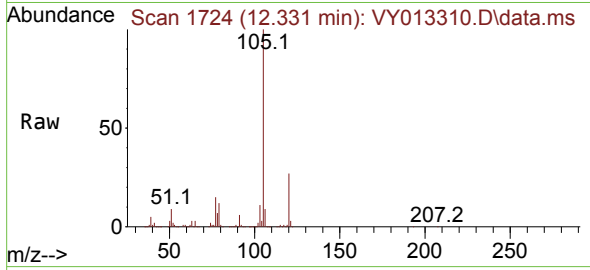




#73
Isopropylbenzene
Concen: 53.045 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

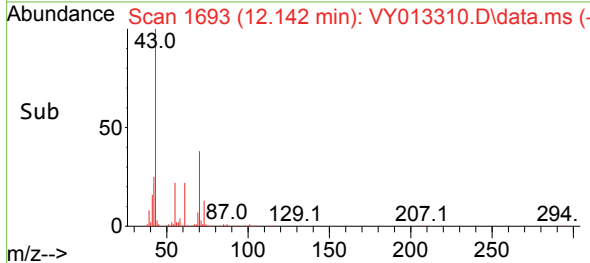
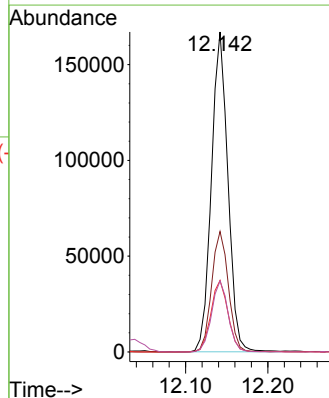
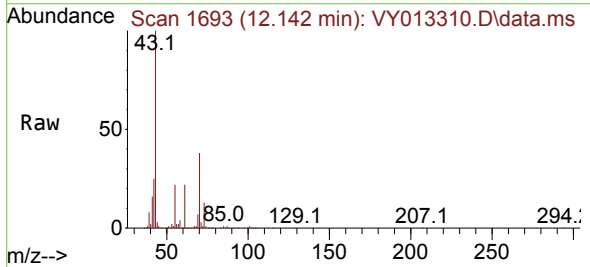
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

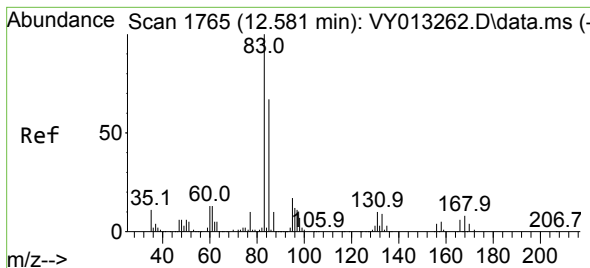
Tgt Ion:105 Resp: 663053
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 52.130 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 43 Resp: 232474
Ion Ratio Lower Upper
43 100
70 38.5 31.6 47.4
55 23.2 18.8 28.2
61 22.4 17.8 26.8

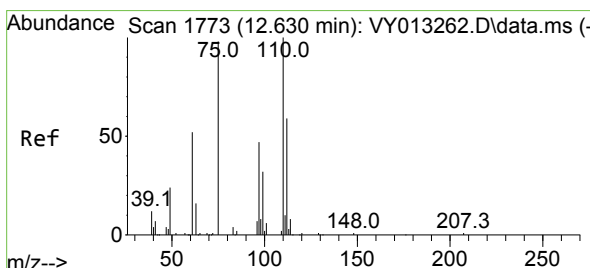
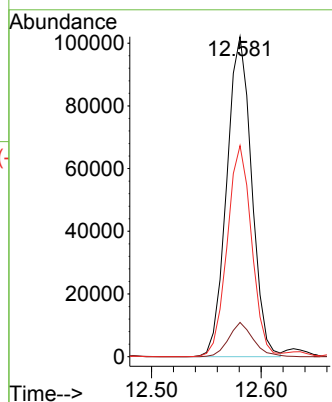
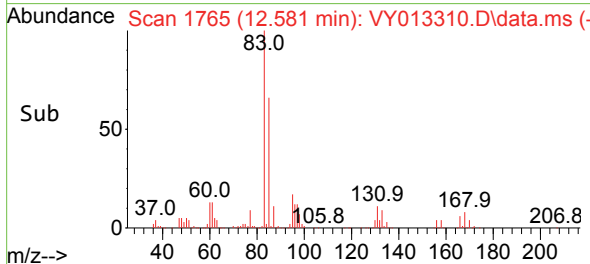
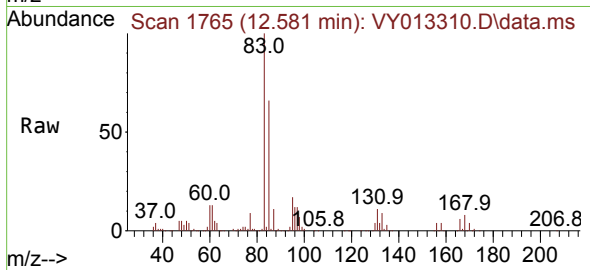




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.171 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

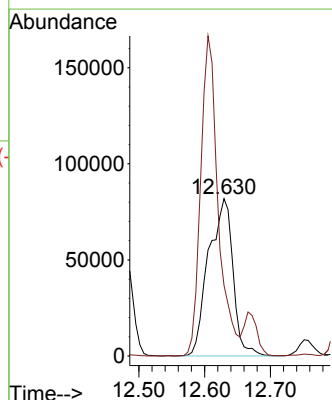
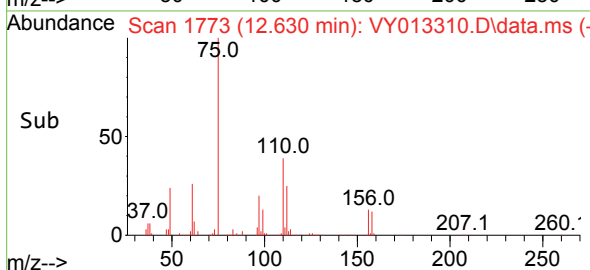
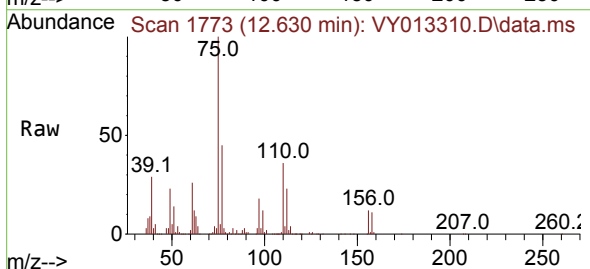
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

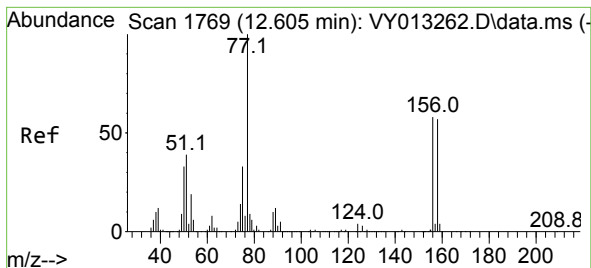
Tgt Ion: 83 Resp: 161099
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.2
 85 64.9 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 93.127 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

Tgt Ion: 75 Resp: 211467
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.637 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

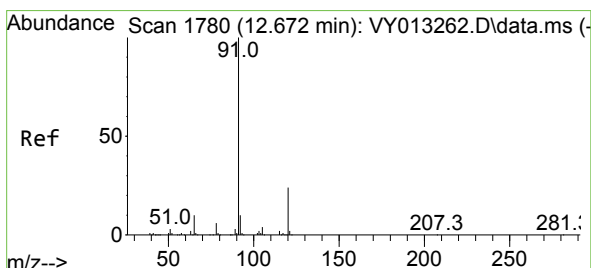
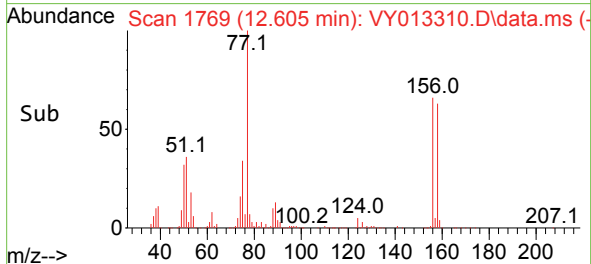
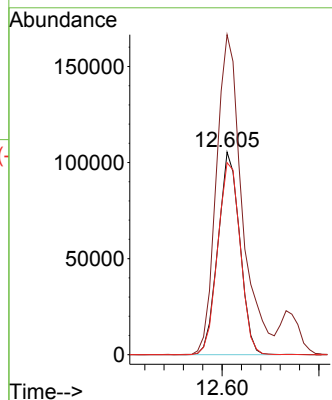
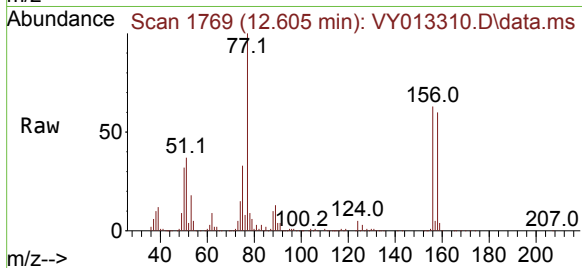
Tgt Ion:156 Resp: 164533

Ion Ratio Lower Upper

156 100

77 187.2 94.0 282.1

158 98.3 48.1 144.4



#78

n-propylbenzene

Concen: 51.965 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013310.D

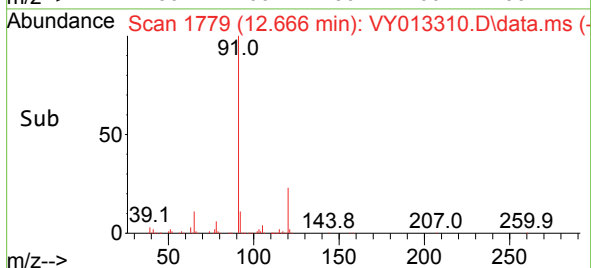
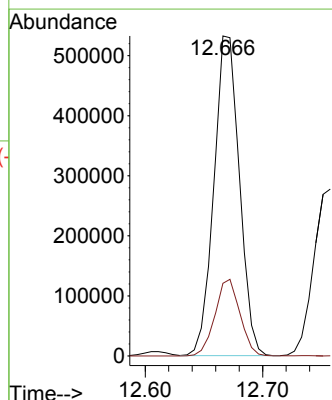
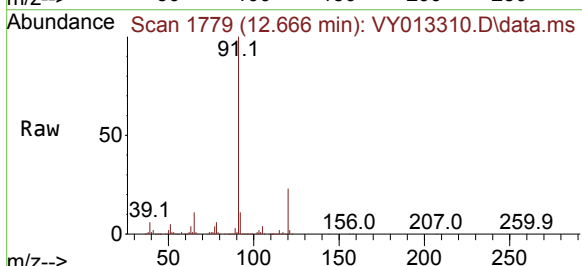
Acq: 14 Apr 2023 10:23

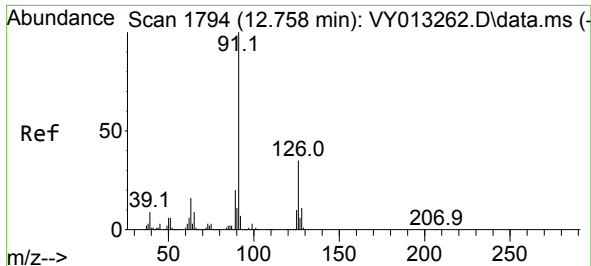
Tgt Ion: 91 Resp: 802223

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8

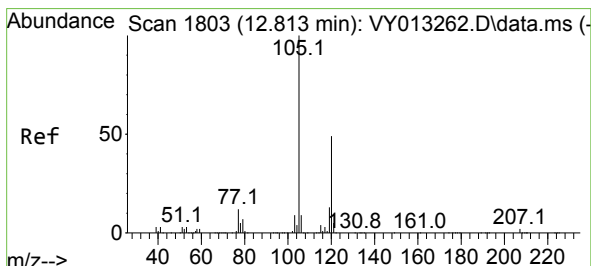
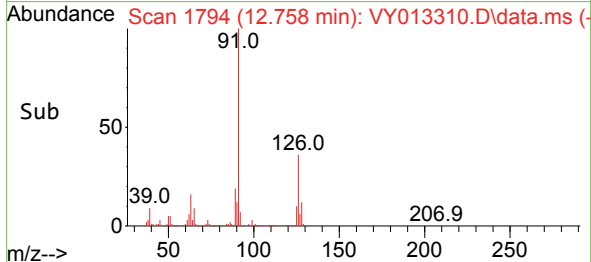
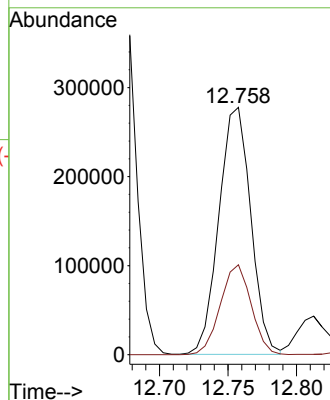
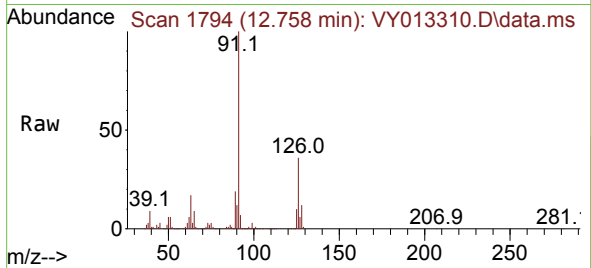




#79
2-Chlorotoluene
Concen: 51.795 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

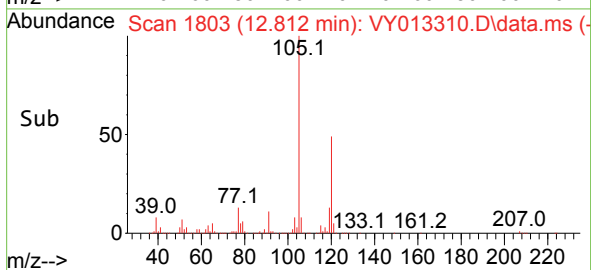
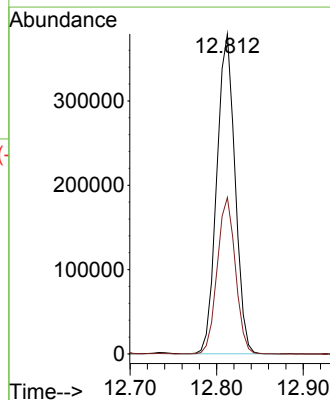
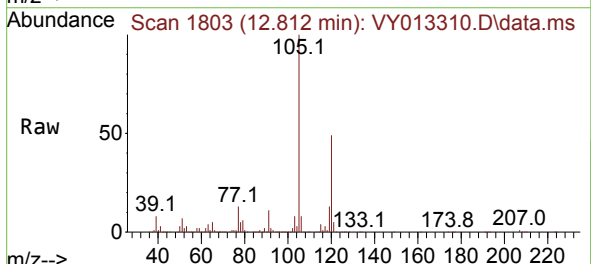
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

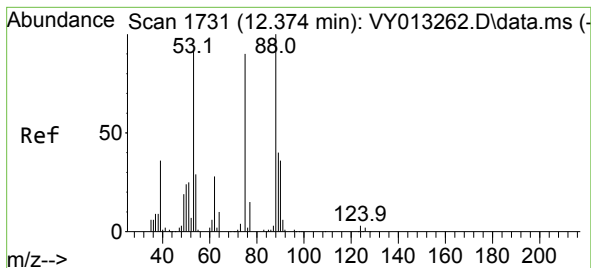
Tgt Ion: 91 Resp: 450086
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 53.012 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 105 Resp: 555037
Ion Ratio Lower Upper
105 100
120 48.8 24.8 74.4

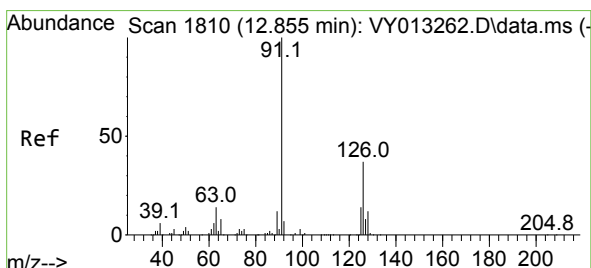
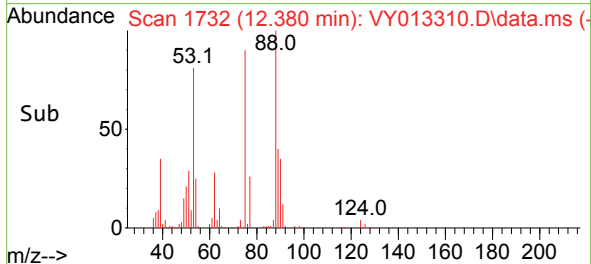
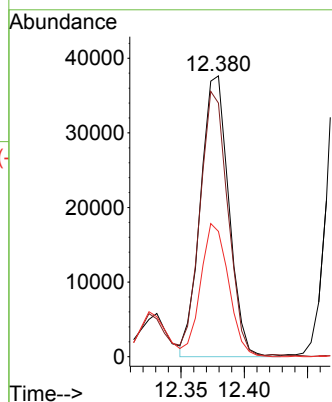
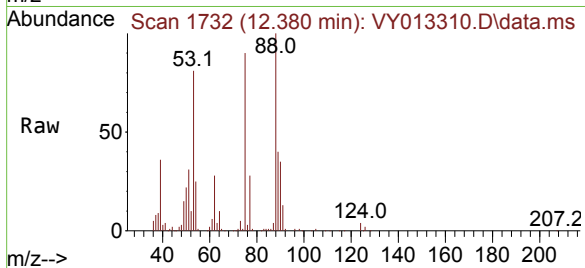




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.732 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. 0.006 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

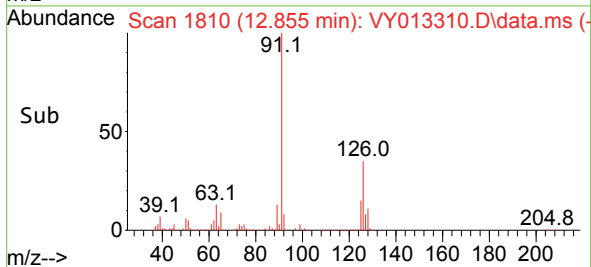
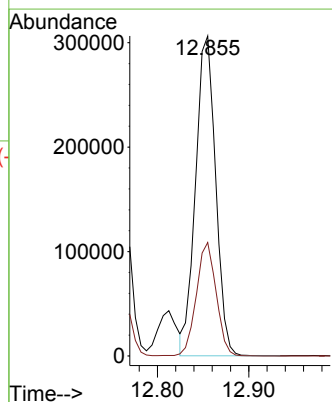
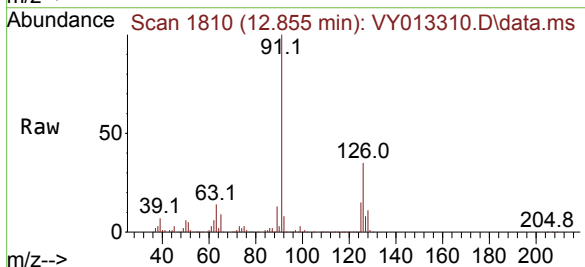
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

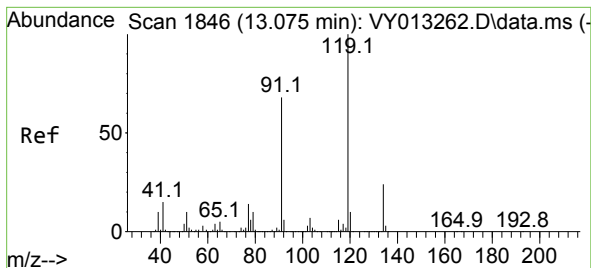
Tgt Ion: 75 Resp: 58787
 Ion Ratio Lower Upper
 75 100
 53 93.3 73.4 110.0
 89 46.6 36.6 55.0



#82
 4-Chlorotoluene
 Concen: 50.983 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VY013310.D
 Acq: 14 Apr 2023 10:23

Tgt Ion: 91 Resp: 467063
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1





#83

tert-Butylbenzene

Concen: 54.267 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

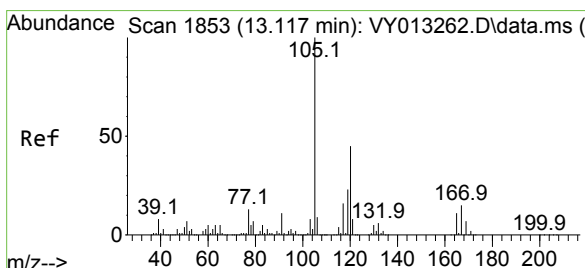
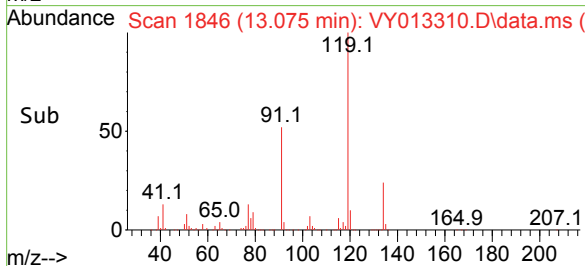
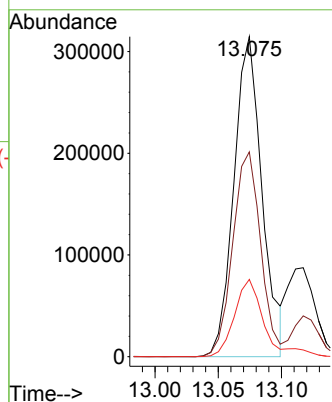
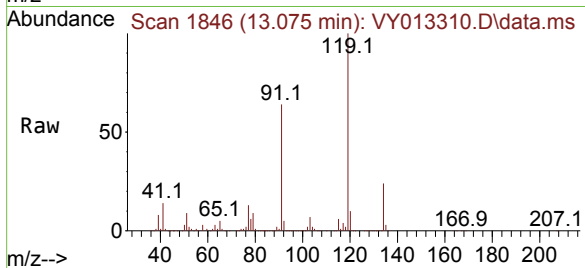
Tgt Ion:119 Resp: 487539

Ion Ratio Lower Upper

119 100

91 63.4 32.8 98.3

134 25.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 53.522 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013310.D

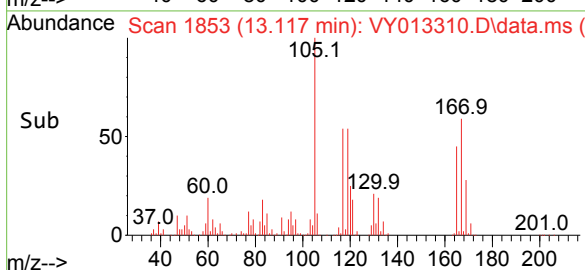
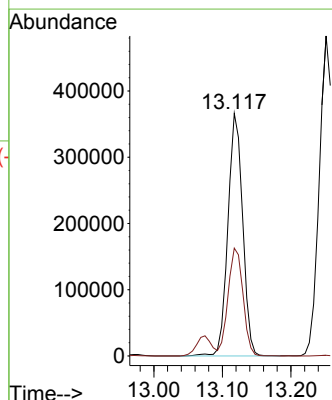
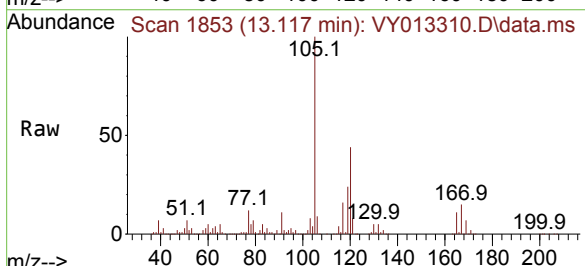
Acq: 14 Apr 2023 10:23

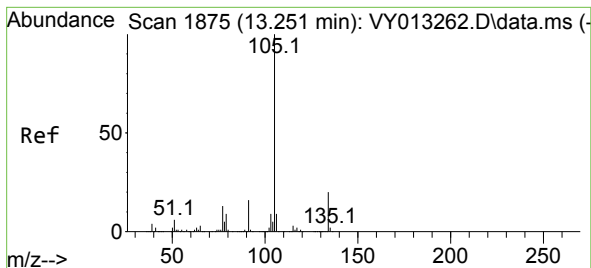
Tgt Ion:105 Resp: 545382

Ion Ratio Lower Upper

105 100

120 45.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.490 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

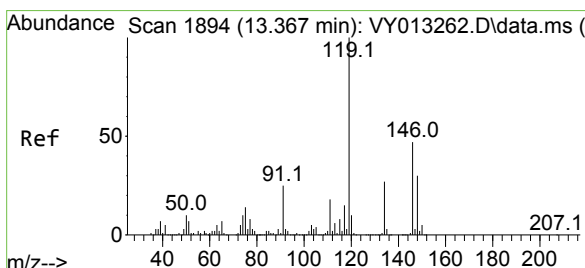
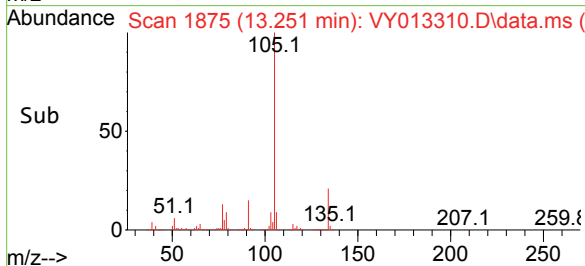
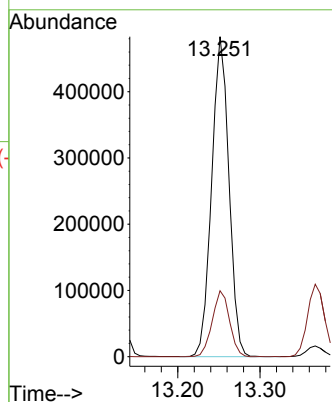
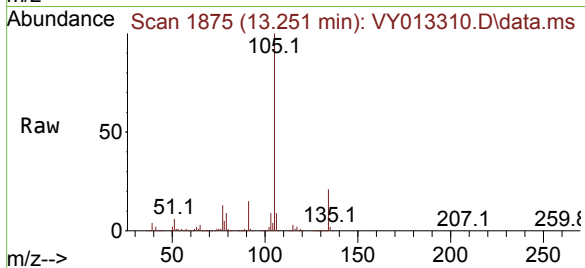
VSTDCCC050

Tgt Ion:105 Resp: 705216

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.424 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

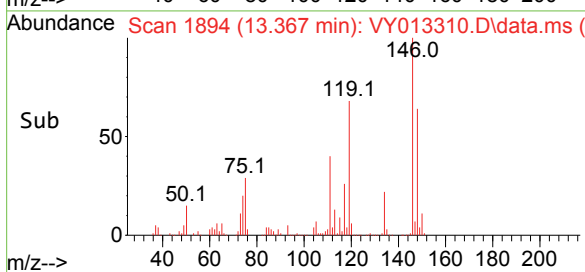
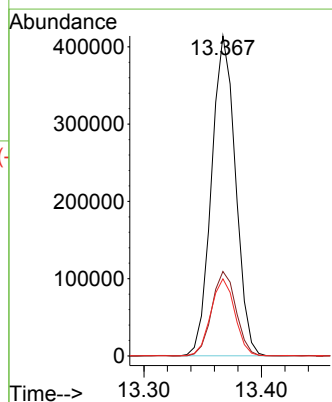
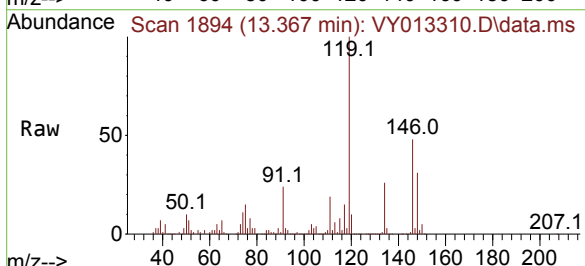
Tgt Ion:119 Resp: 588979

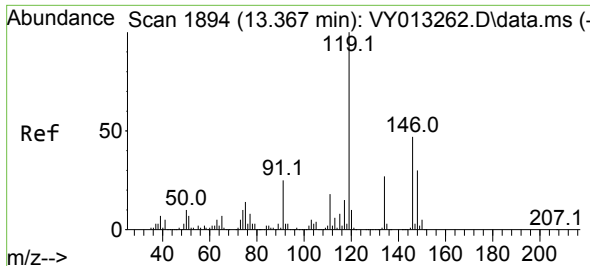
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 24.0 11.8 35.3

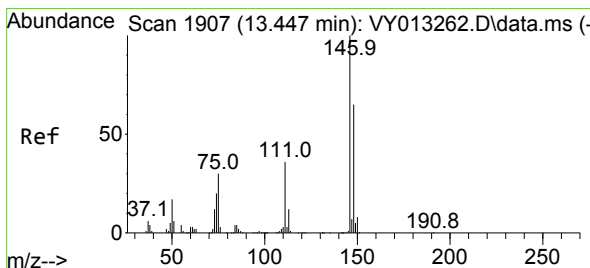
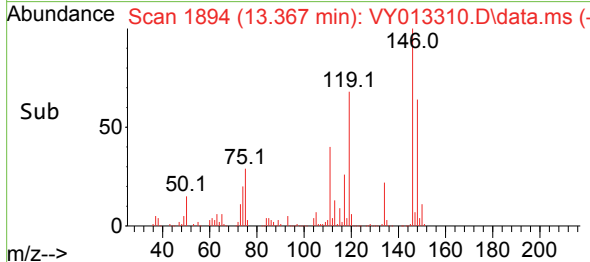
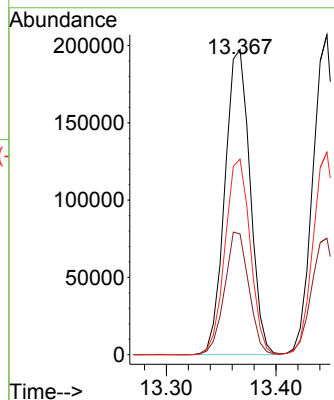
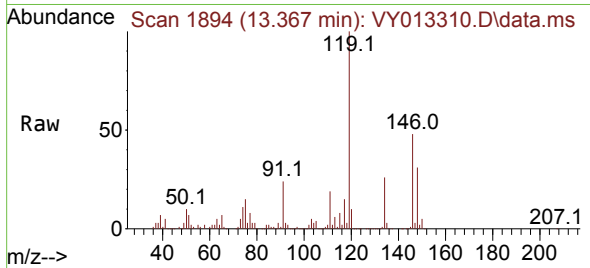




#87
1,3-Dichlorobenzene
Concen: 52.136 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

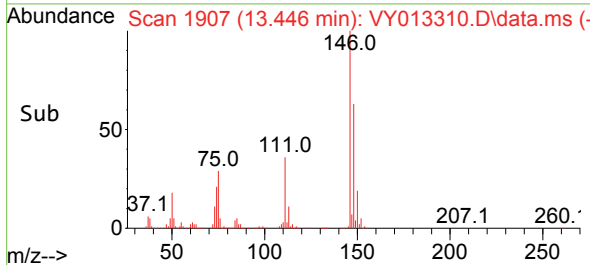
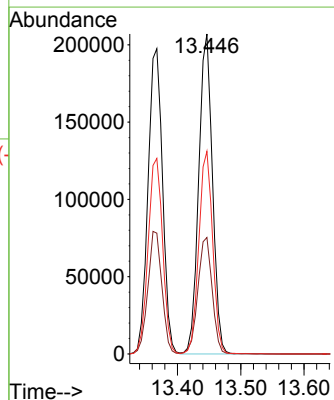
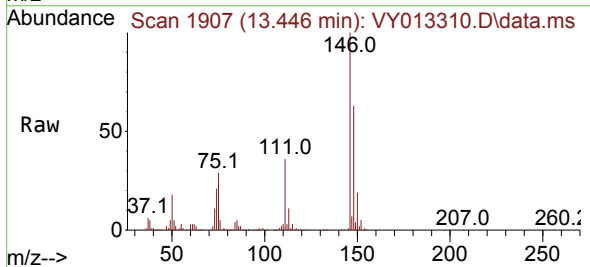
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

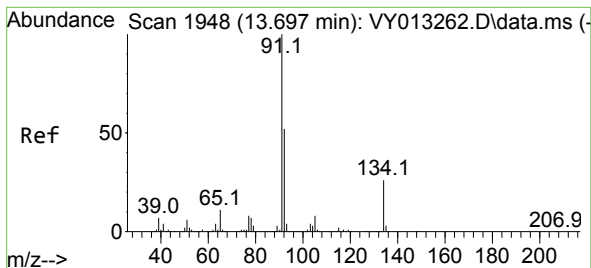
Tgt Ion:146 Resp: 314143
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.5
148 64.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 51.474 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:146 Resp: 313431
Ion Ratio Lower Upper
146 100
111 37.6 18.6 55.8
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 52.315 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

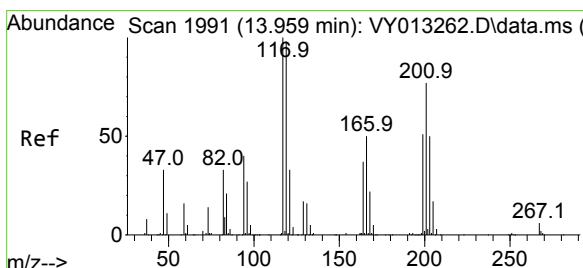
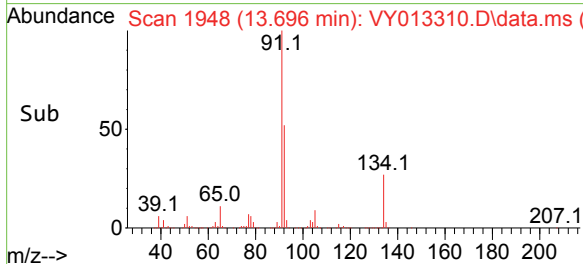
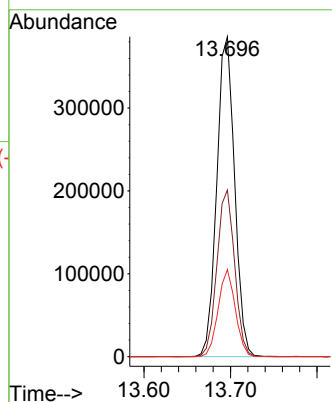
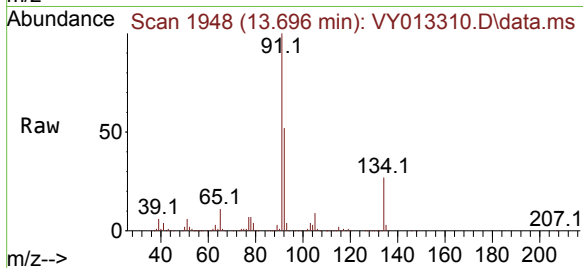
Tgt Ion: 91 Resp: 551633

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 51.656 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013310.D

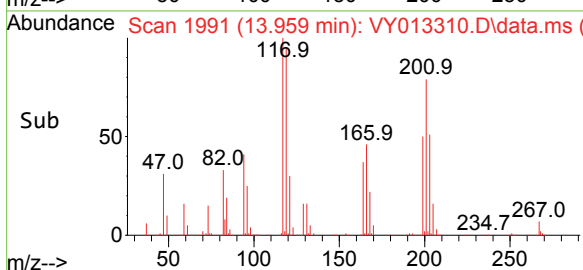
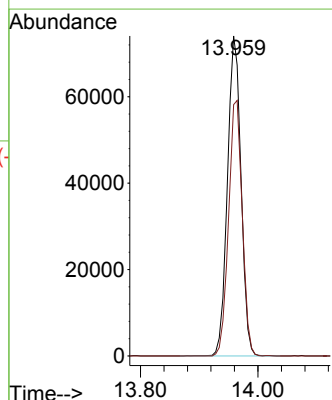
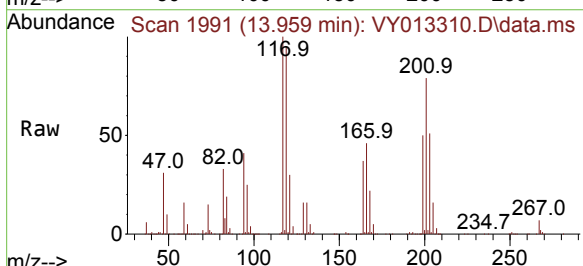
Acq: 14 Apr 2023 10:23

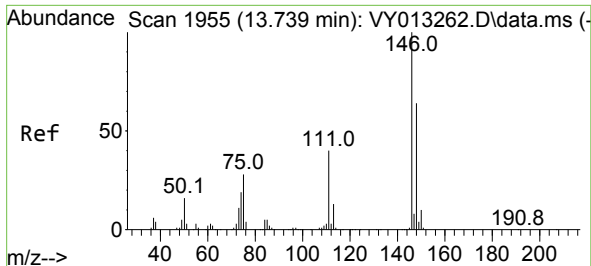
Tgt Ion: 117 Resp: 118742

Ion Ratio Lower Upper

117 100

201 80.4 39.4 118.1

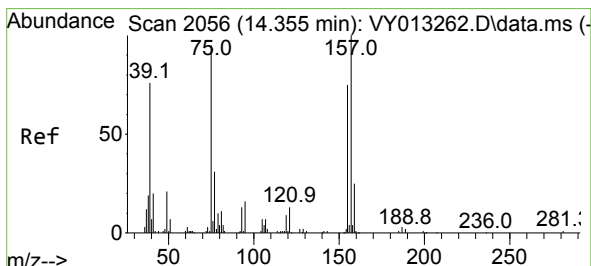
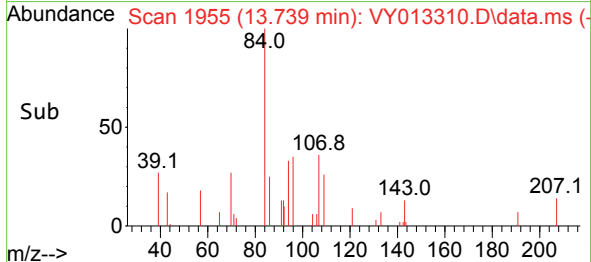
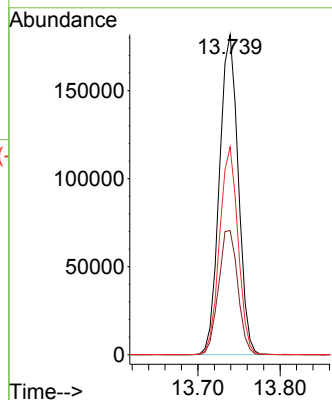
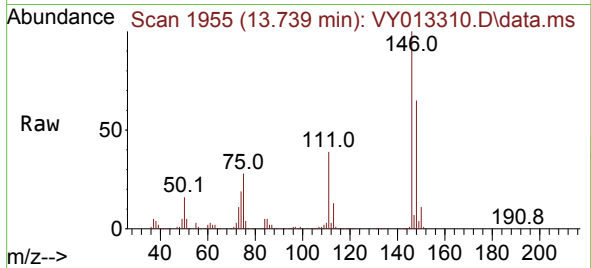




#91
1,2-Dichlorobenzene
Concen: 52.705 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

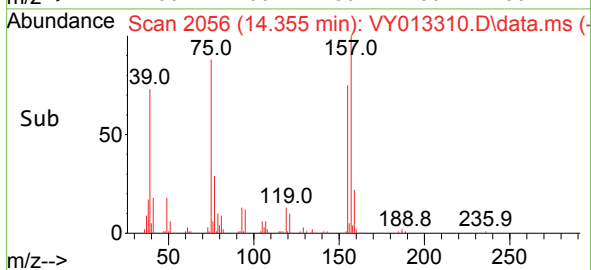
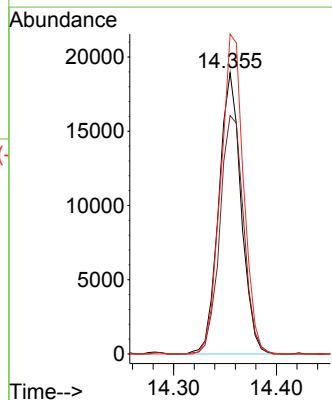
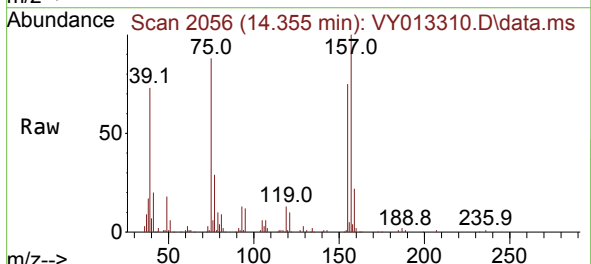
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

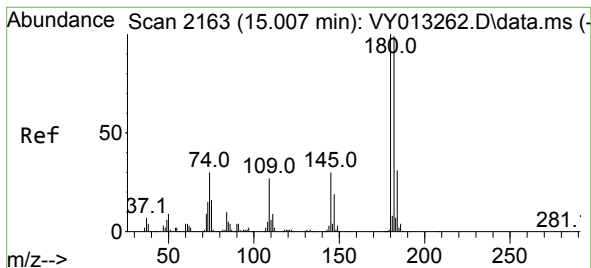
Tgt Ion:146 Resp: 288979
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.1
148 63.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.917 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion: 75 Resp: 28552
Ion Ratio Lower Upper
75 100
155 90.1 43.8 131.4
157 116.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 56.548 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

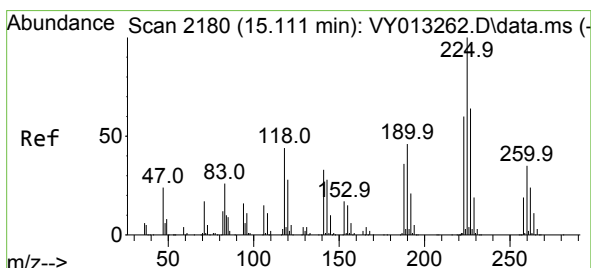
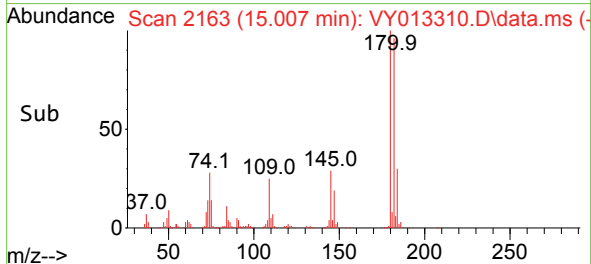
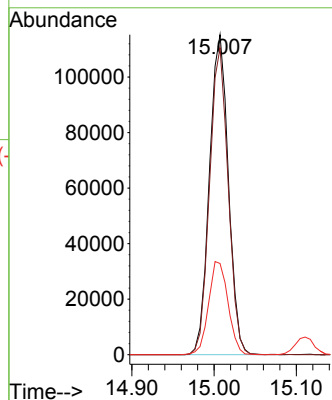
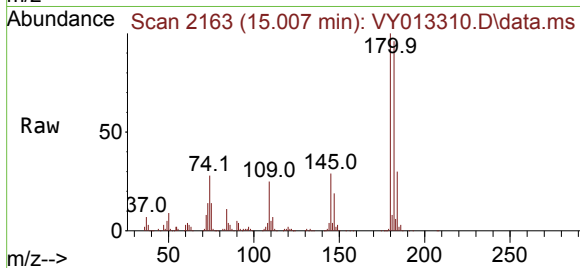
Tgt Ion:180 Resp: 184279

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.1

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 54.229 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013310.D

Acq: 14 Apr 2023 10:23

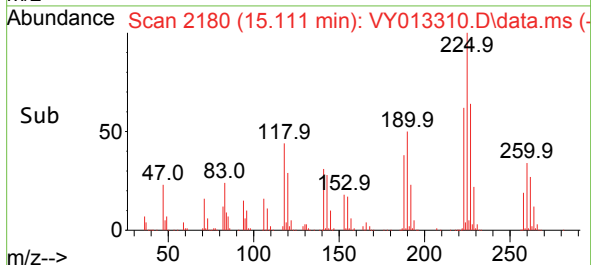
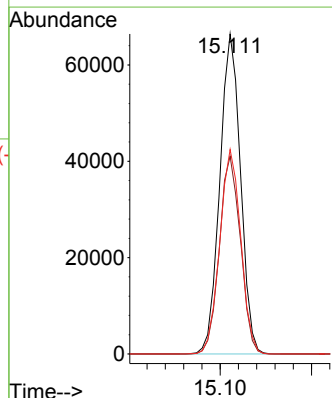
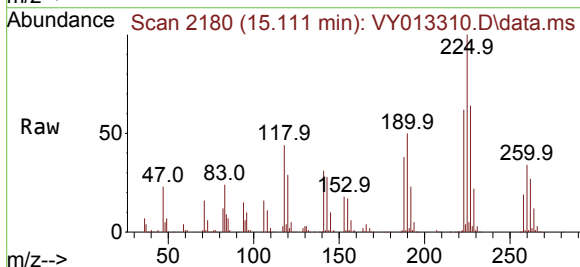
Tgt Ion:225 Resp: 104644

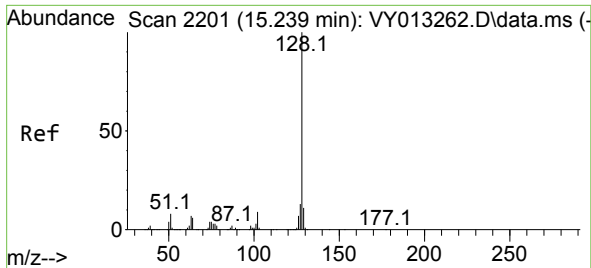
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.3

227 65.0 32.4 97.0

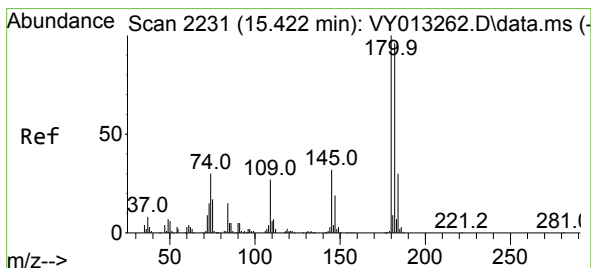
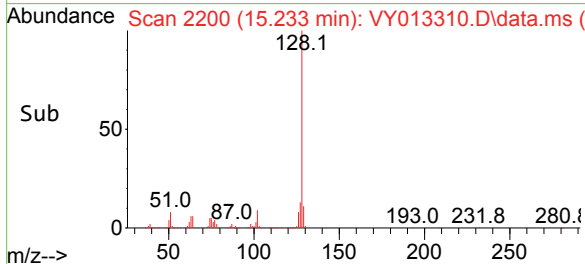
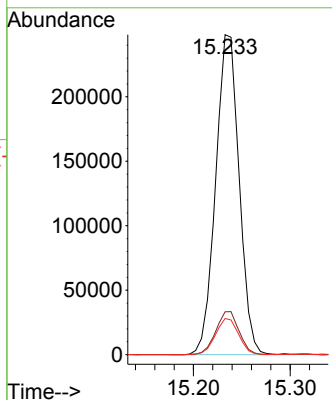
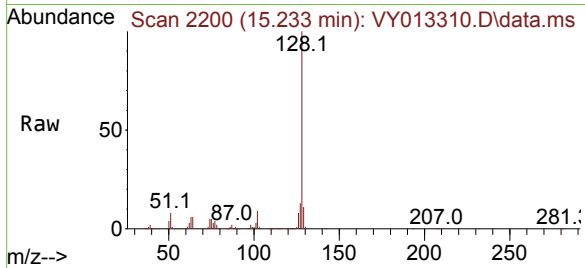




#95
Naphthalene
Concen: 52.198 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 418304
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.613 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013310.D
Acq: 14 Apr 2023 10:23

Tgt Ion:180 Resp: 165111
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.3
145 31.5 15.3 45.8

