

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013281.D
 Acq On : 12 Apr 2023 20:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 06:21:03 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	230311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	366653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150867	54.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.020%	
35) Dibromofluoromethane	7.716	113	130317	54.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.173	98	478942	54.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.477	95	161583	56.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	103802	50.077	ug/l	100
3) Chloromethane	2.107	50	129097	49.712	ug/l	99
4) Vinyl Chloride	2.247	62	123468	50.147	ug/l	98
5) Bromomethane	2.650	94	96449	51.084	ug/l	89
6) Chloroethane	2.790	64	82901	49.927	ug/l	99
7) Trichlorofluoromethane	3.119	101	182453	47.612	ug/l	99
8) Diethyl Ether	3.521	74	72541	52.102	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	109896	48.802	ug/l	97
10) Methyl Iodide	4.082	142	140976	51.037	ug/l	95
11) Tert butyl alcohol	4.972	59	63382	178.908	ug/l	100
12) 1,1-Dichloroethene	3.863	96	107893	49.784	ug/l	96
13) Acrolein	3.723	56	80718	237.400	ug/l	97
14) Allyl chloride	4.472	41	217531	52.545	ug/l	96
15) Acrylonitrile	5.155	53	218441	273.033	ug/l	98
16) Acetone	3.948	43	183722	193.056	ug/l	95
17) Carbon Disulfide	4.186	76	359182	50.341	ug/l	100
18) Methyl Acetate	4.472	43	172434	56.024	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	358771	55.264	ug/l	99
20) Methylene Chloride	4.710	84	140721	56.544	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	127616	51.584	ug/l	93
22) Diisopropyl ether	6.112	45	454029	55.649	ug/l	94
23) Vinyl Acetate	6.051	43	1448544	280.850	ug/l	96
24) 1,1-Dichloroethane	6.009	63	238631	52.360	ug/l	97
25) 2-Butanone	6.984	43	304495	249.895	ug/l	94
26) 2,2-Dichloropropane	6.972	77	192895	47.176	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	142851	53.103	ug/l	97
28) Bromochloromethane	7.326	49	103736	57.112	ug/l	93
29) Tetrahydrofuran	7.344	42	212463	287.090	ug/l	98
30) Chloroform	7.496	83	243170	52.725	ug/l	97
31) Cyclohexane	7.783	56	205220	49.036	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	210905	50.549	ug/l	98
36) 1,1-Dichloropropene	7.911	75	177463	49.350	ug/l	100
37) Ethyl Acetate	7.070	43	154883	53.433	ug/l #	93
38) Carbon Tetrachloride	7.893	117	193416	48.643	ug/l	96
39) Methylcyclohexane	9.179	83	209700	50.163	ug/l	97
40) Benzene	8.155	78	531627	51.080	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	200890	167.050	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	182040	51.588	ug/l	96
43) Isopropyl Acetate	8.264	43	261878	54.392	ug/l	96
44) Trichloroethene	8.935	130	134391	50.126	ug/l	94
45) 1,2-Dichloropropane	9.209	63	139288	51.563	ug/l	98
46) Dibromomethane	9.301	93	84131	51.747	ug/l	99
47) Bromodichloromethane	9.490	83	193790	52.140	ug/l	97
48) Methyl methacrylate	9.289	41	120649	54.554	ug/l	97
49) 1,4-Dioxane	9.307	88	24305	1103.390	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	727937	277.810	ug/l	97
52) Toluene	10.240	92	322006	51.237	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	203928	52.393	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	220480	51.660	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	113259	52.834	ug/l	99
56) Ethyl methacrylate	10.508	69	167195	56.963	ug/l	95
57) 1,3-Dichloropropane	10.788	76	193464	53.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	335100	273.424	ug/l	97
59) 2-Hexanone	10.831	43	521481	273.709	ug/l	96
60) Dibromochloromethane	10.977	129	138647	51.582	ug/l	99
61) 1,2-Dibromoethane	11.087	107	111231	53.286	ug/l	100
64) Tetrachloroethene	10.715	164	124099	52.603	ug/l	95
65) Chlorobenzene	11.514	112	346744	49.568	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	134252	51.141	ug/l	99
67) Ethyl Benzene	11.587	91	614686	50.453	ug/l	99
68) m/p-Xylenes	11.697	106	474644	101.821	ug/l	98
69) o-Xylene	12.026	106	227237	52.634	ug/l	100
70) Styrene	12.038	104	385279	52.838	ug/l	97
71) Bromoform	12.203	173	96988	53.330	ug/l #	96
73) Isopropylbenzene	12.325	105	584100	50.592	ug/l	100
74) N-amyl acetate	12.142	43	225326	54.704	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	145663	51.072	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	192011	91.550	ug/l #	100
77) Bromobenzene	12.605	156	146387	50.703	ug/l	98
78) n-propylbenzene	12.666	91	723192	50.718	ug/l	100
79) 2-Chlorotoluene	12.751	91	411196	51.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	494636	51.148	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	52039	51.497	ug/l	95
82) 4-Chlorotoluene	12.849	91	422559	49.938	ug/l	99
83) tert-Butylbenzene	13.075	119	432115	52.074	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	490177	52.081	ug/l	99
85) sec-Butylbenzene	13.251	105	622051	50.128	ug/l	99
86) p-Isopropyltoluene	13.367	119	519509	51.019	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	277685	49.895	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	276984	49.249	ug/l	98
89) n-Butylbenzene	13.690	91	482942	49.587	ug/l	99
90) Hexachloroethane	13.959	117	104339	49.143	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	255542	50.459	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27912	53.891	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	156201	51.895	ug/l	99
94) Hexachlorobutadiene	15.111	225	87116	48.878	ug/l	98
95) Naphthalene	15.233	128	373995	50.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	144157	52.570	ug/l	99

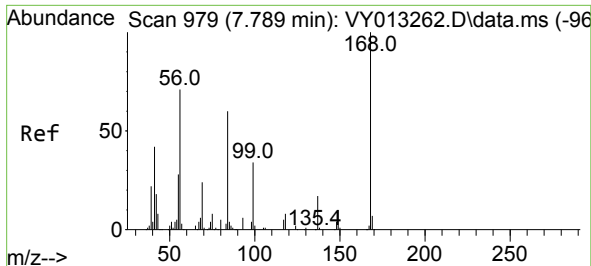
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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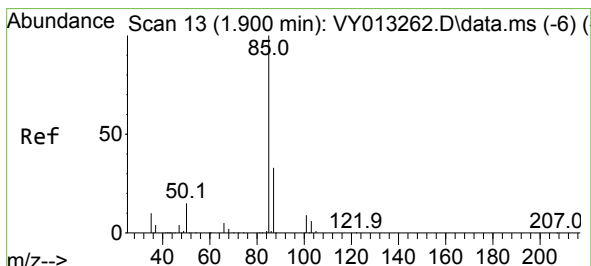
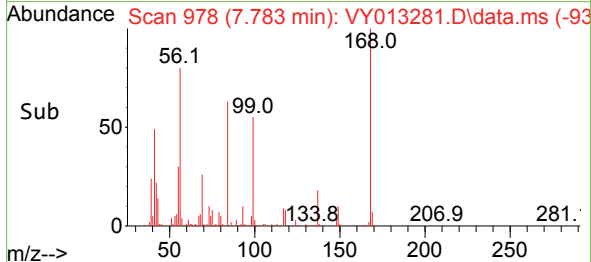
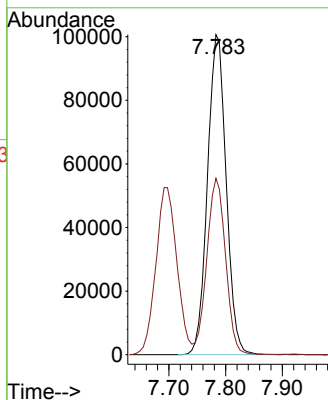
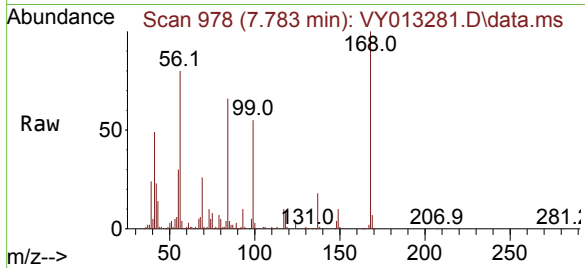
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

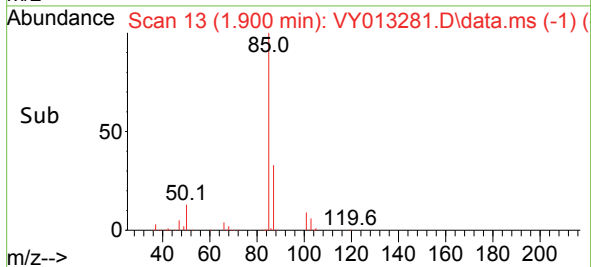
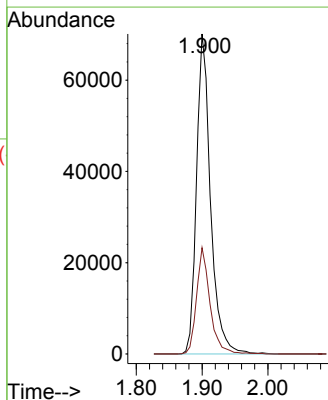
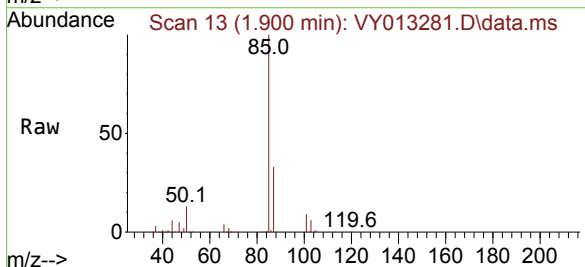
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MSVOA_Y
ClientSampleId :
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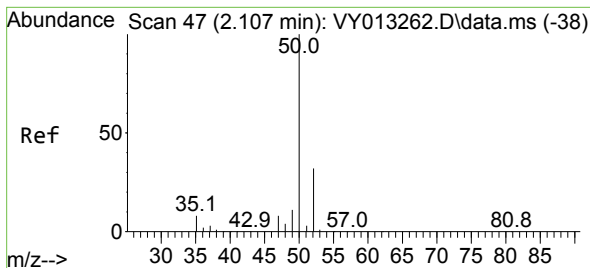
Tgt Ion:168 Resp: 230311
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 50.077 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 85 Resp: 103802
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0





#3

Chloromethane

Concen: 49.712 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

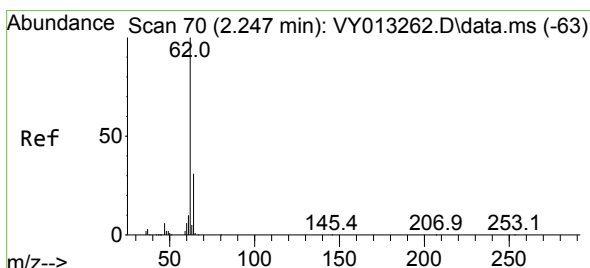
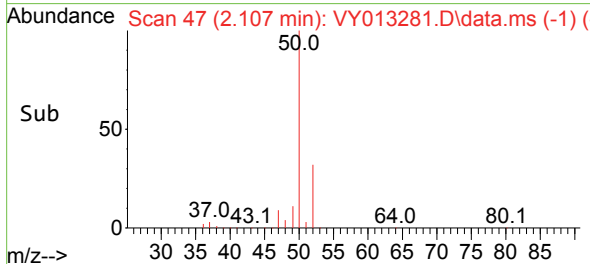
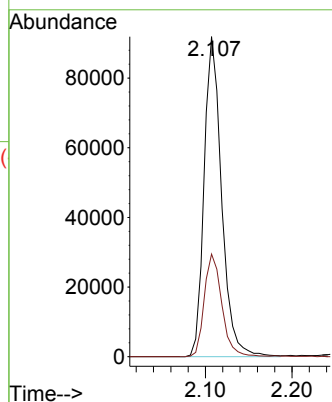
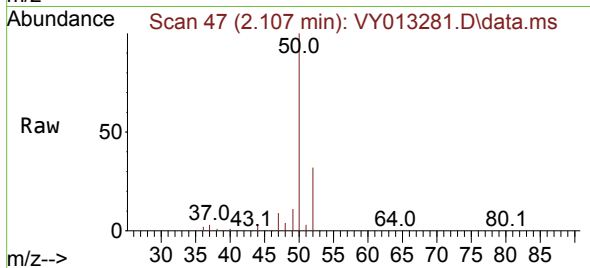
VSTDCCC050EC

Tgt Ion: 50 Resp: 129097

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 50.147 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY013281.D

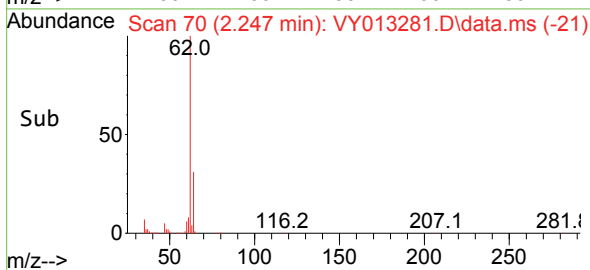
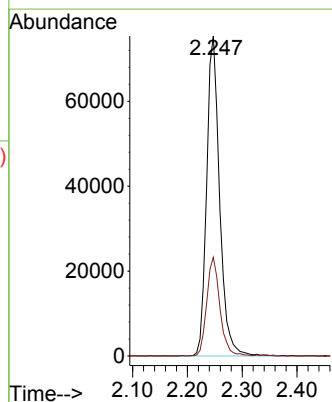
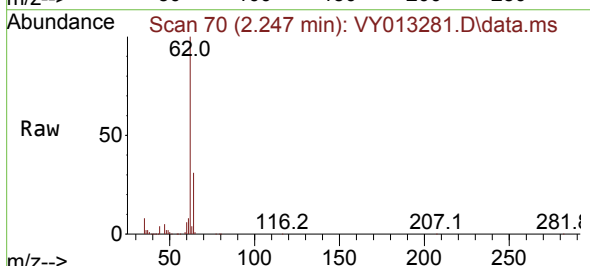
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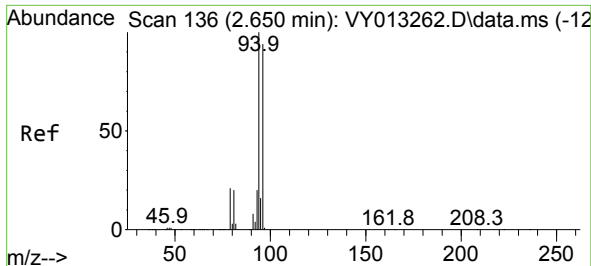
Tgt Ion: 62 Resp: 123468

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4

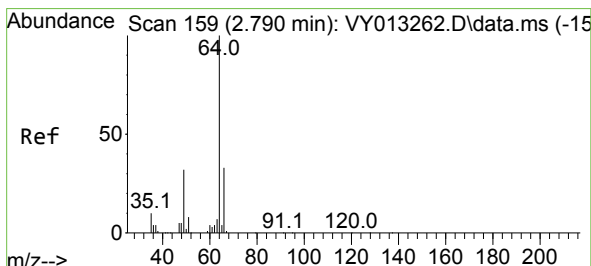
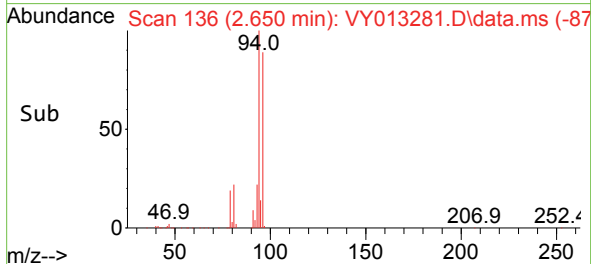
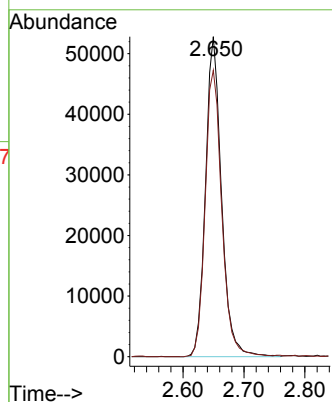
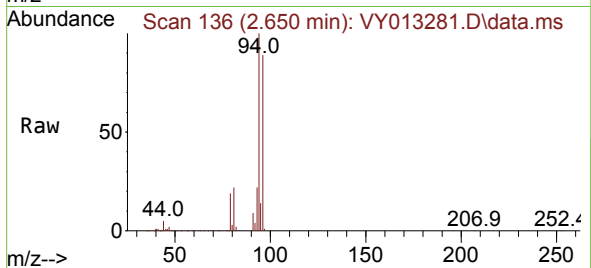




#5
Bromomethane
Concen: 51.084 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013281.D
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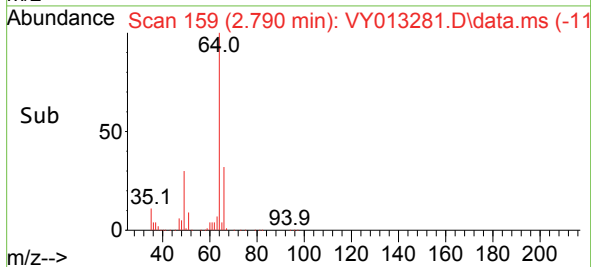
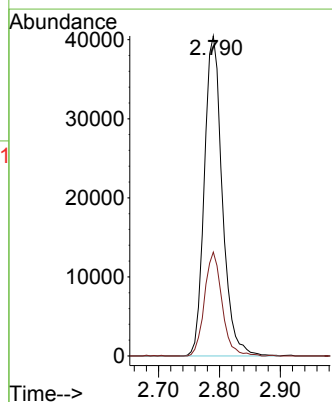
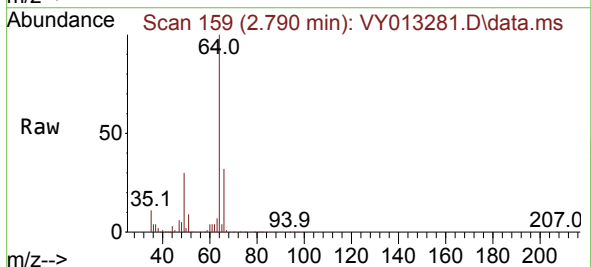
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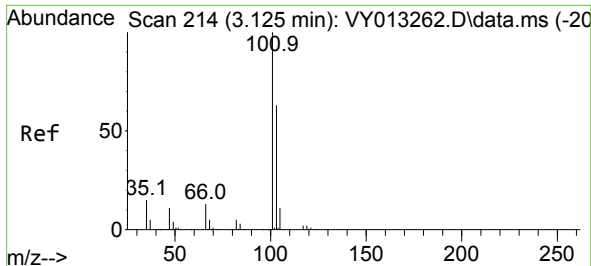
Tgt Ion: 94 Resp: 96449
Ion Ratio Lower Upper
94 100
96 89.5 80.3 120.5



#6
Chloroethane
Concen: 49.927 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 64 Resp: 82901
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

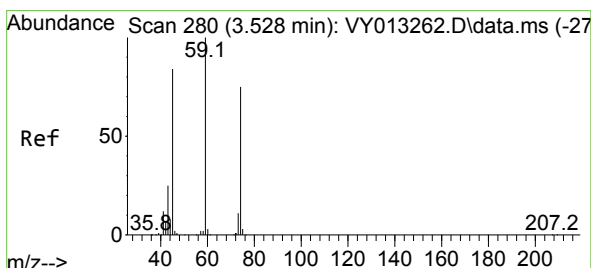
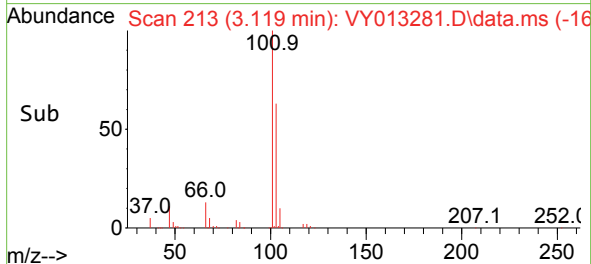
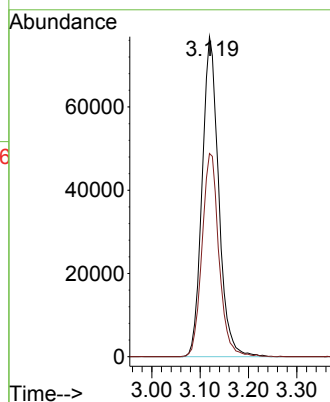
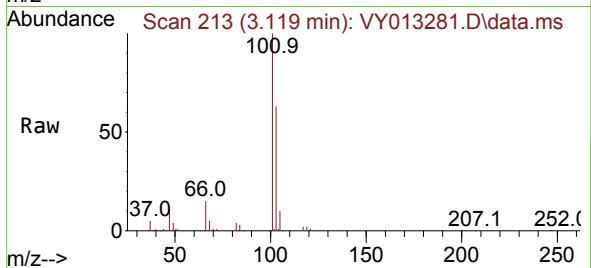




#7
Trichlorofluoromethane
Concen: 47.612 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

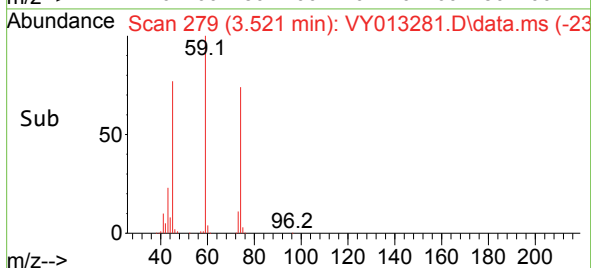
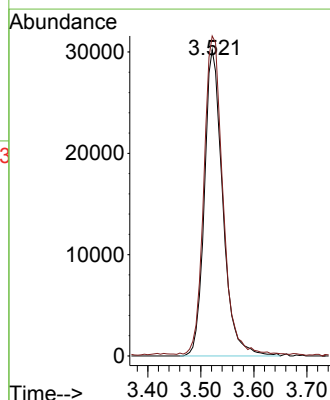
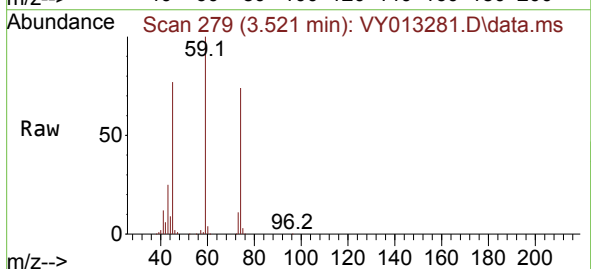
Instrument :
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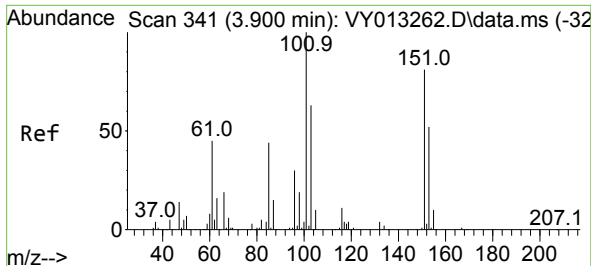
Tgt Ion:101 Resp: 182453
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3



#8
Diethyl Ether
Concen: 52.102 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 74 Resp: 72541
Ion Ratio Lower Upper
74 100
45 107.5 52.1 156.4

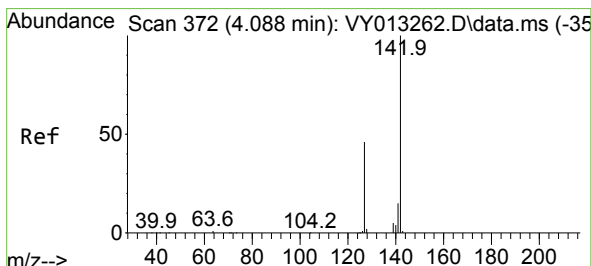
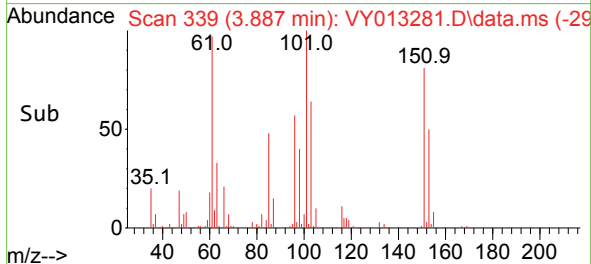
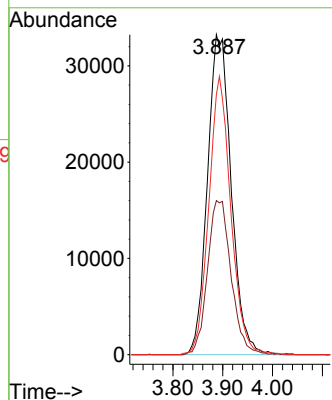
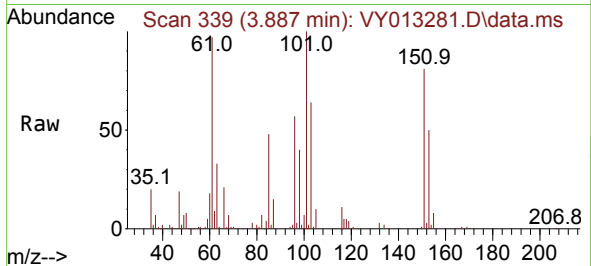




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.802 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.012 min
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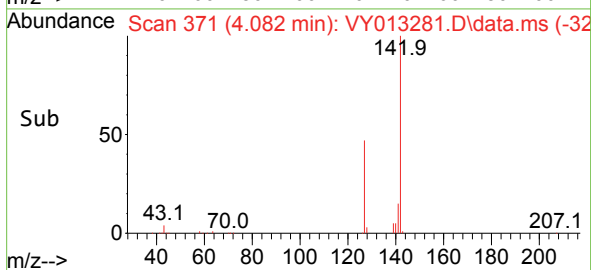
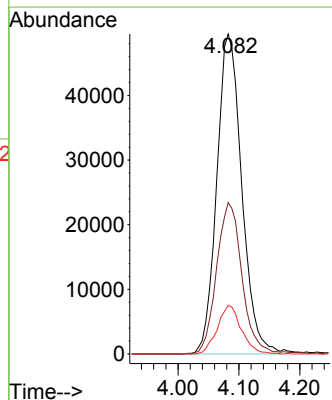
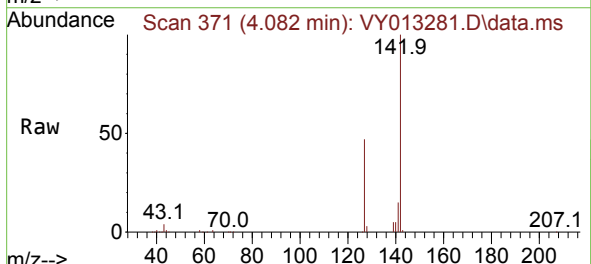
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

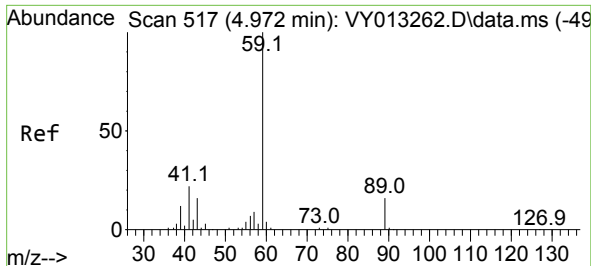
Tgt Ion:101 Resp: 109896
Ion Ratio Lower Upper
101 100
85 47.9 35.3 52.9
151 80.7 63.1 94.7



#10
Methyl Iodide
Concen: 51.037 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion:142 Resp: 140976
Ion Ratio Lower Upper
142 100
127 48.3 35.4 53.2
141 14.6 11.3 16.9

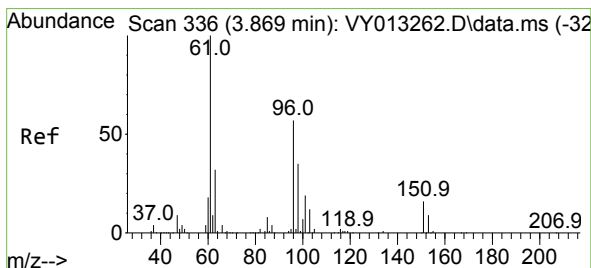
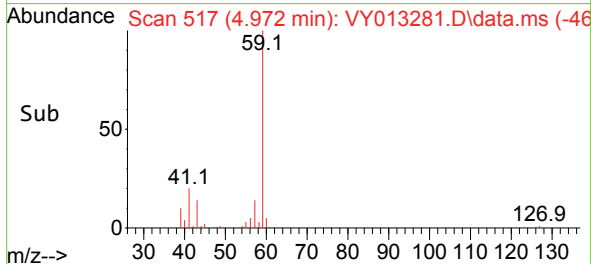
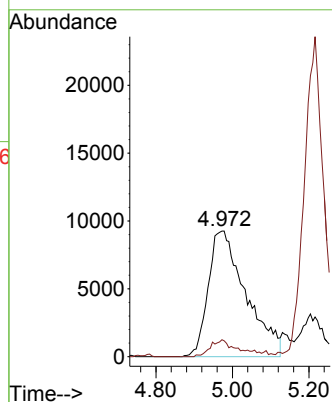
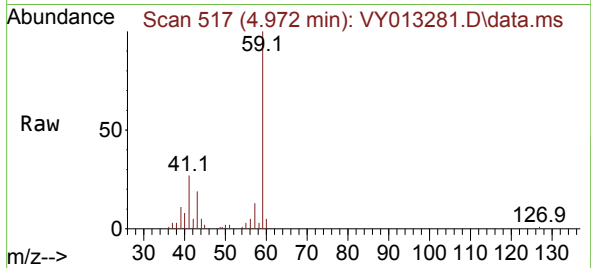




#11
Tert butyl alcohol
Concen: 178.908 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

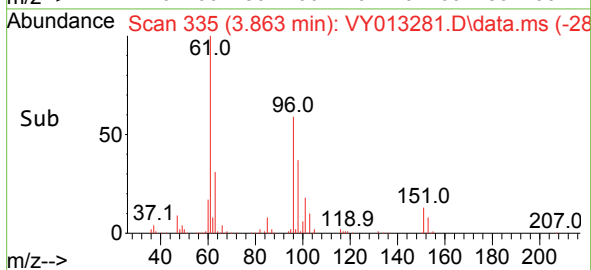
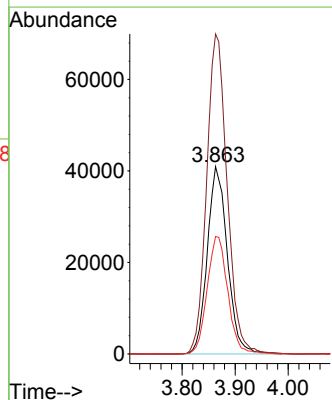
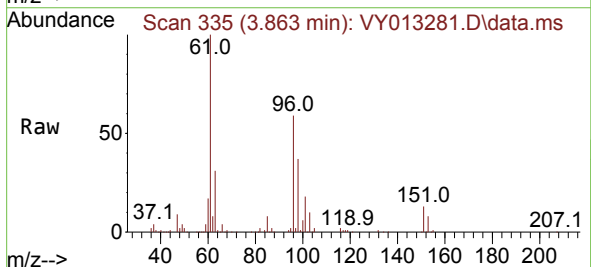
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

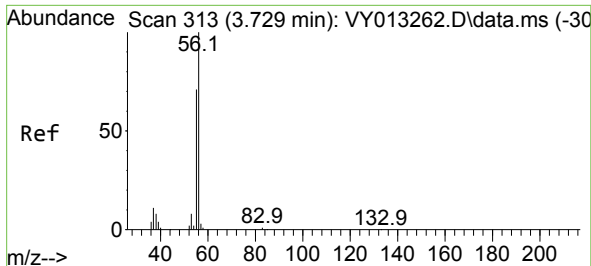
Tgt Ion: 59 Resp: 63382
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.784 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 96 Resp: 107893
Ion Ratio Lower Upper
96 100
61 170.7 131.7 197.5
98 62.6 52.0 78.0





#13

Acrolein

Concen: 237.400 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

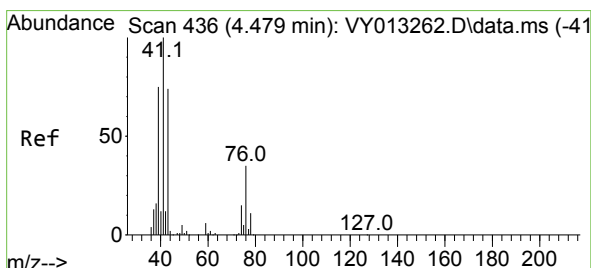
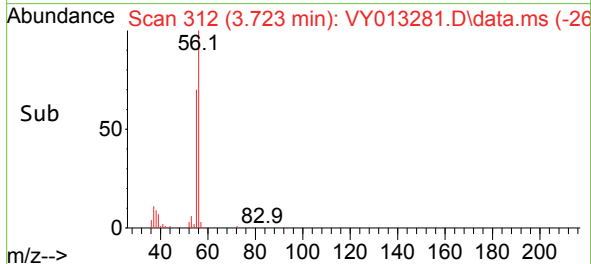
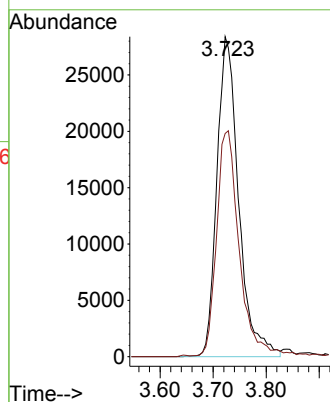
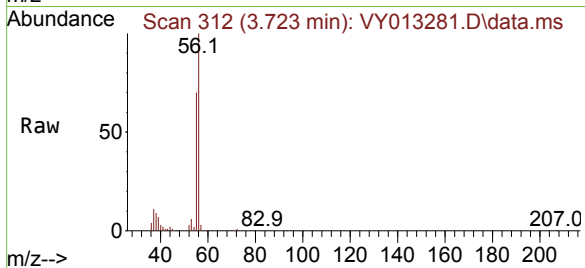
VSTDCCC050EC

Tgt Ion: 56 Resp: 80718

Ion Ratio Lower Upper

56 100

55 73.3 56.8 85.2



#14

Allyl chloride

Concen: 52.545 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

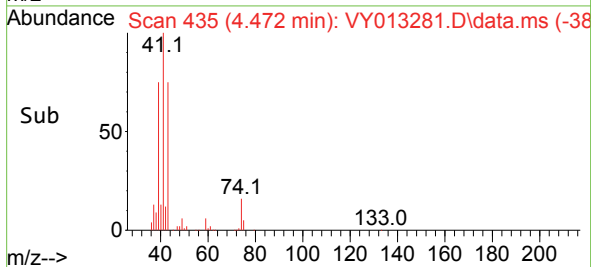
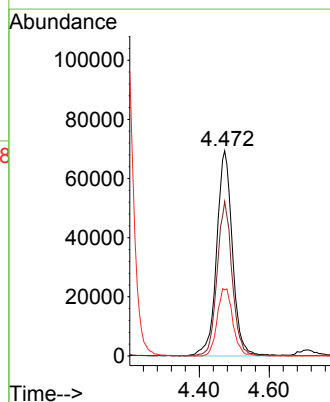
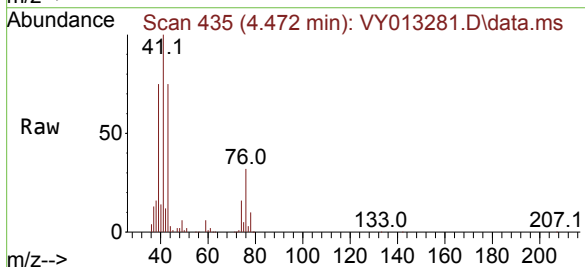
Tgt Ion: 41 Resp: 217531

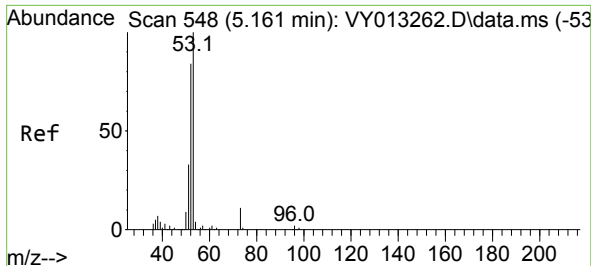
Ion Ratio Lower Upper

41 100

39 71.2 53.6 80.4

76 32.5 27.2 40.8

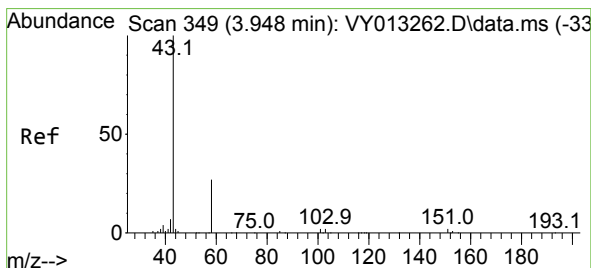
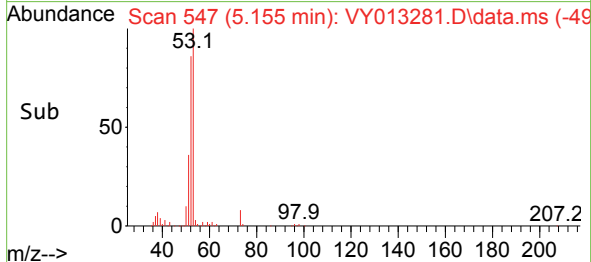
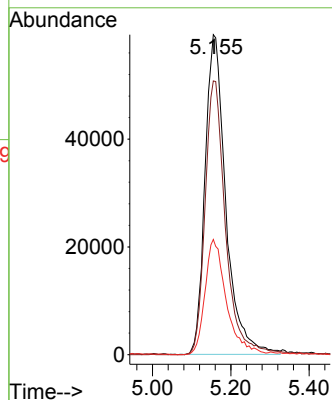
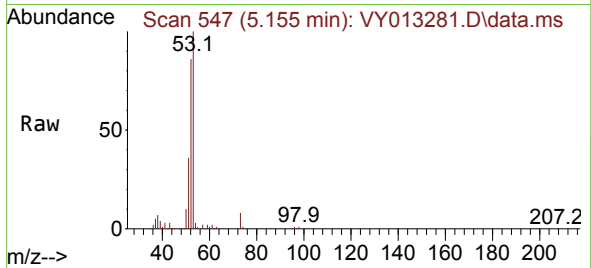




#15
Acrylonitrile
Concen: 273.033 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

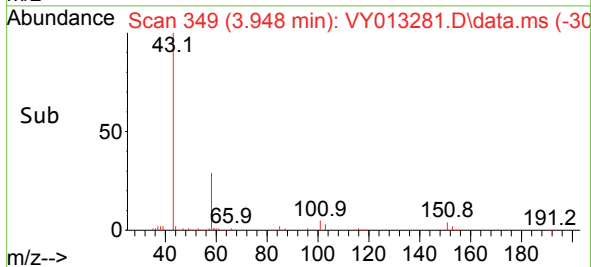
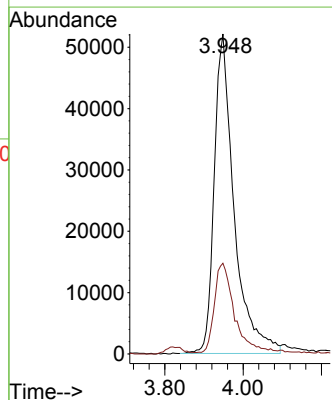
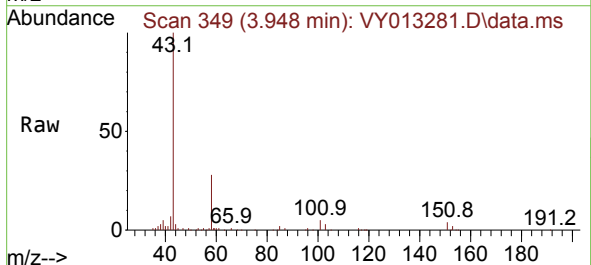
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

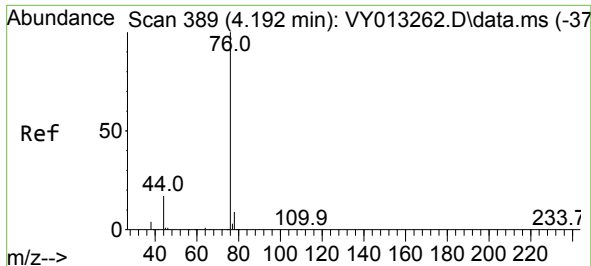
Tgt Ion: 53 Resp: 218441
Ion Ratio Lower Upper
53 100
52 84.2 66.3 99.5
51 37.1 28.8 43.2



#16
Acetone
Concen: 193.056 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 43 Resp: 183722
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.2

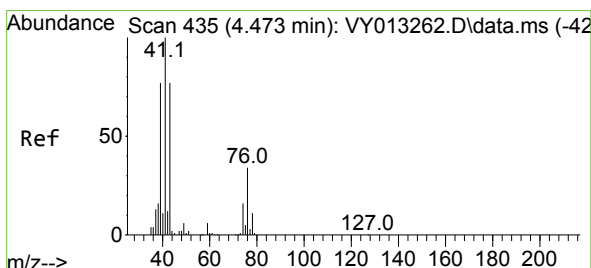
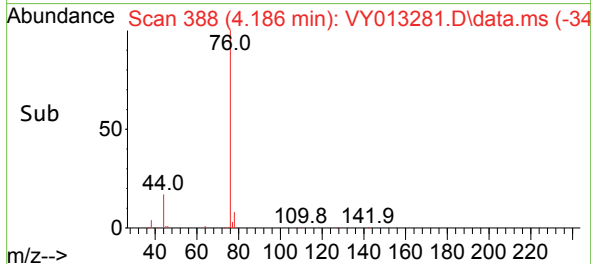
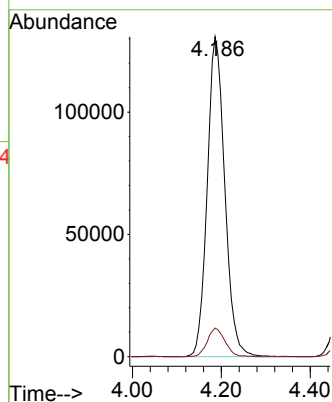
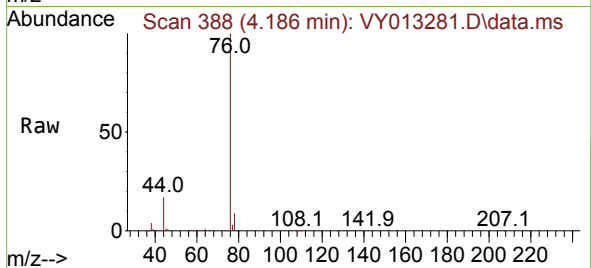




#17
Carbon Disulfide
Concen: 50.341 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

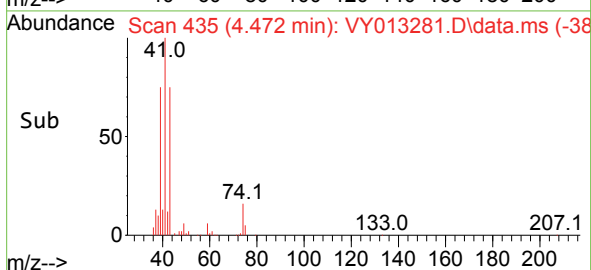
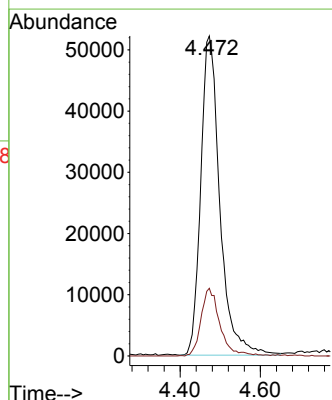
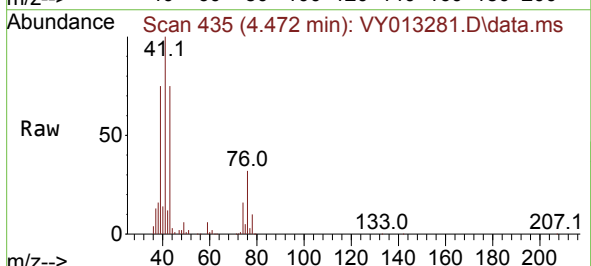
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

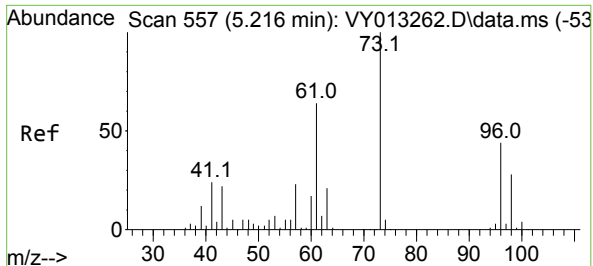
Tgt Ion: 76 Resp: 359182
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 56.024 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 43 Resp: 172434
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.0

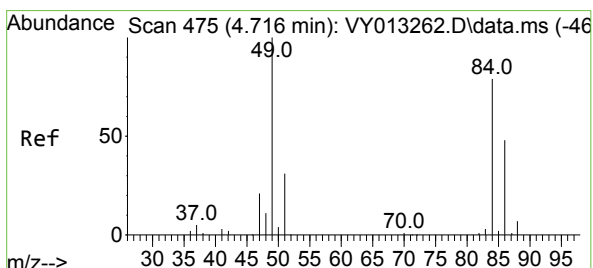
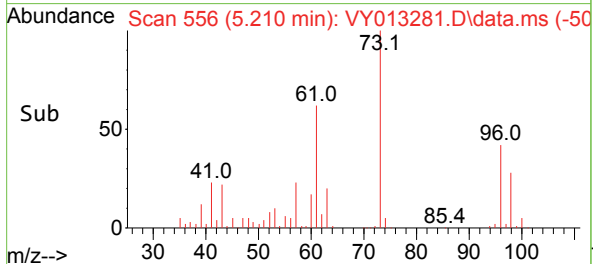
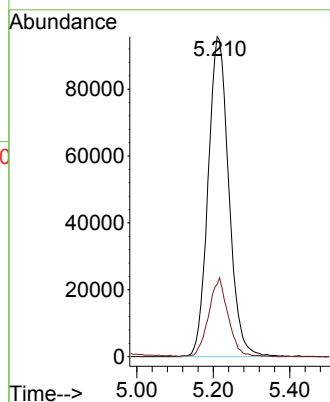
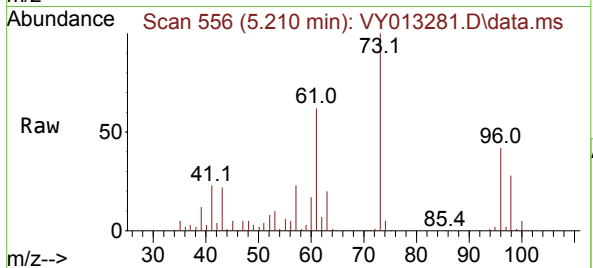




#19
Methyl tert-butyl Ether
Concen: 55.264 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

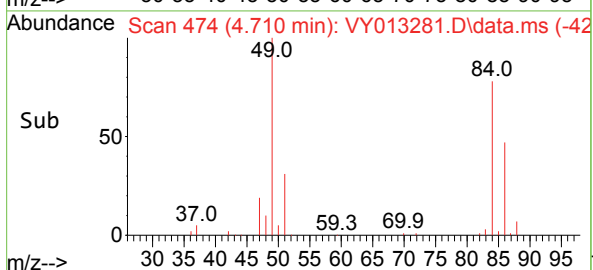
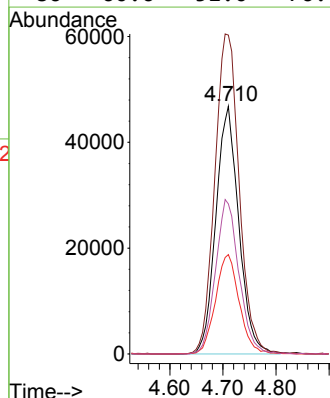
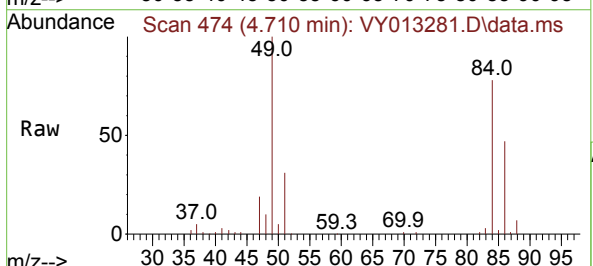
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

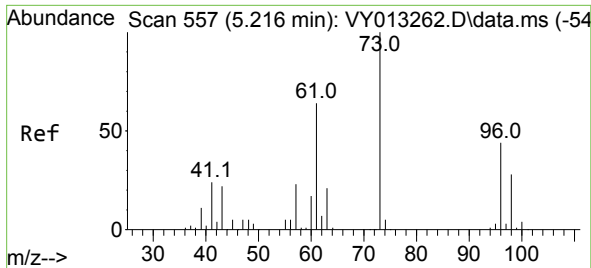
Tgt Ion: 73 Resp: 358771
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 56.544 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 84 Resp: 140721
Ion Ratio Lower Upper
84 100
49 128.8 102.6 154.0
51 39.9 31.9 47.9
86 60.6 51.0 76.6

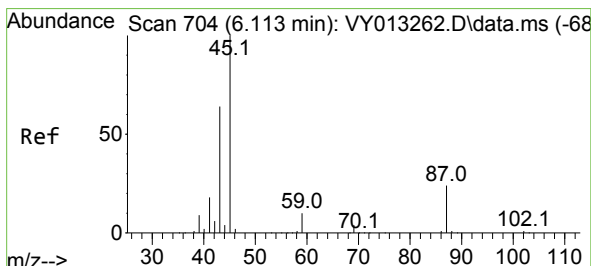
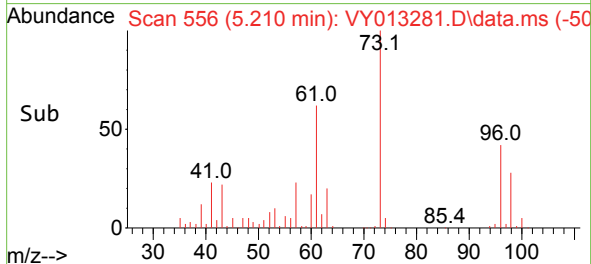
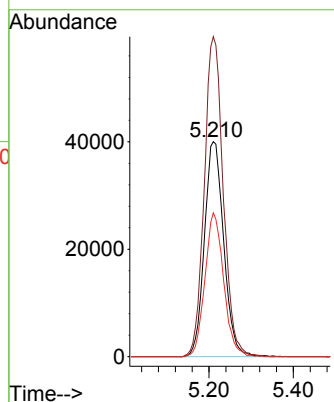
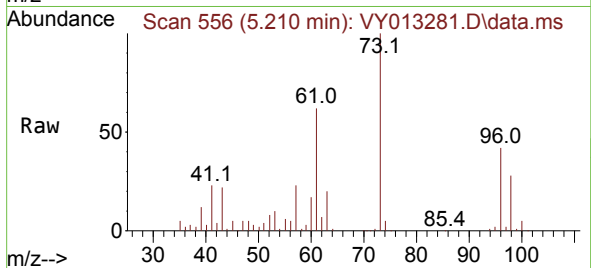




#21
trans-1,2-Dichloroethene
Concen: 51.584 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

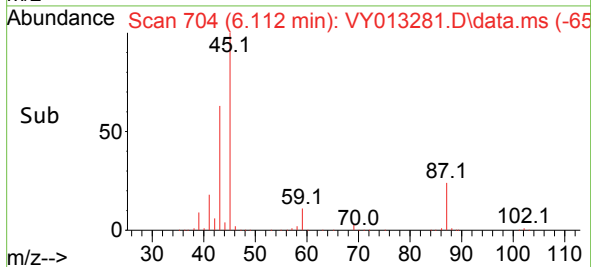
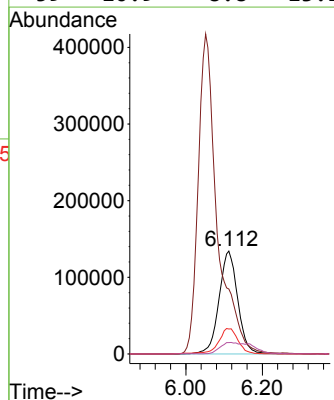
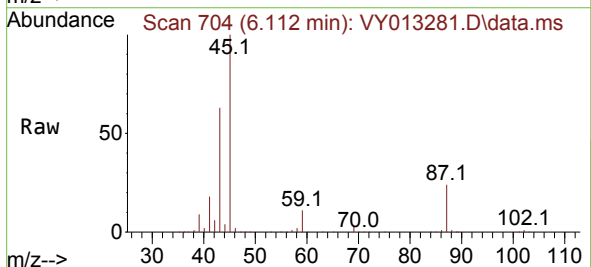
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

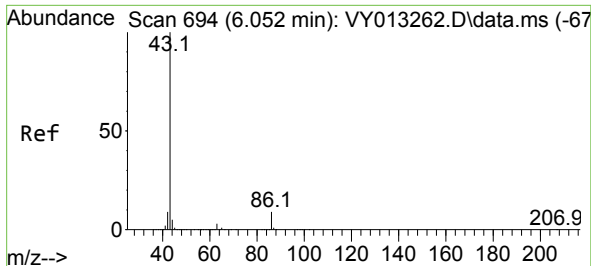
Tgt Ion: 96 Resp: 127616
Ion Ratio Lower Upper
96 100
61 148.8 111.4 167.0
98 66.8 50.8 76.2



#22
Diisopropyl ether
Concen: 55.649 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 45 Resp: 454029
Ion Ratio Lower Upper
45 100
43 63.0 45.0 67.6
87 24.3 20.3 30.5
59 10.9 8.8 13.2

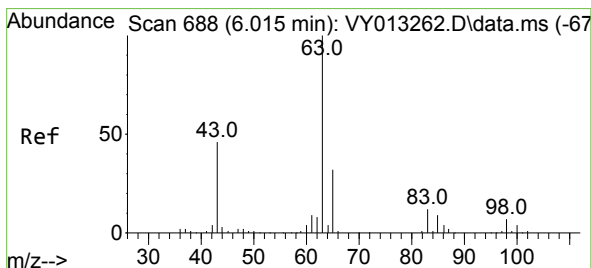
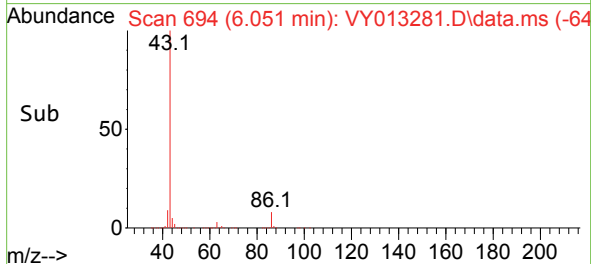
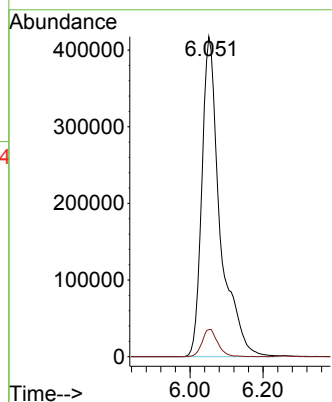
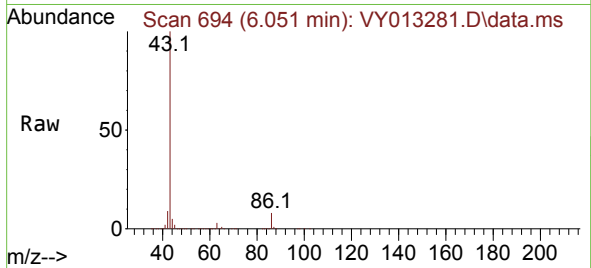




#23
 Vinyl Acetate
 Concen: 280.850 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

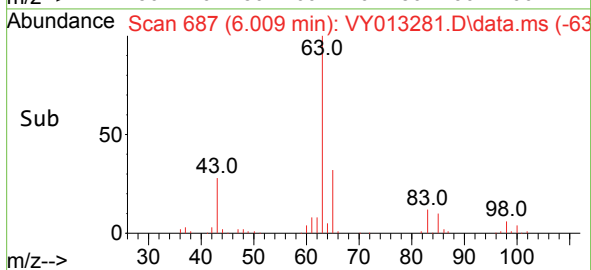
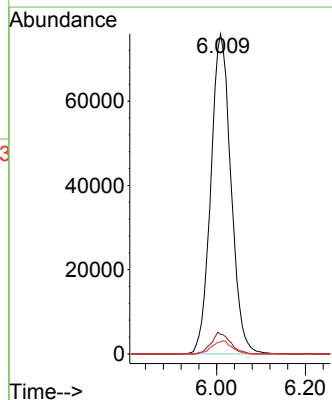
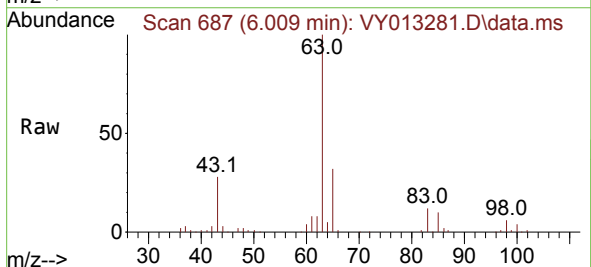
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

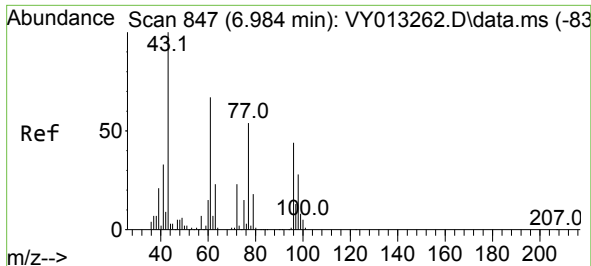
Tgt Ion: 43 Resp: 1448544
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.360 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

Tgt Ion: 63 Resp: 238631
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.7 11.1
 100 3.7 2.3 6.8

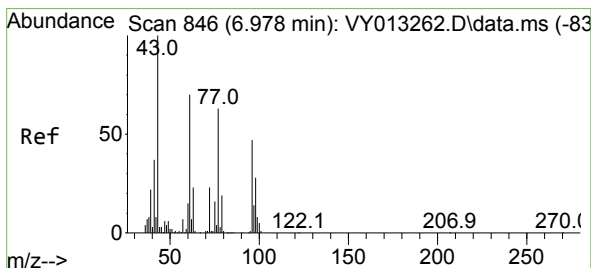
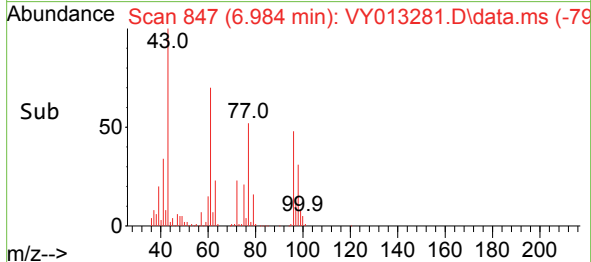
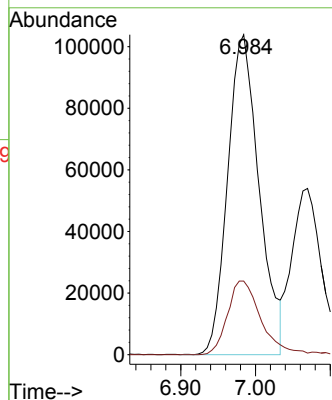
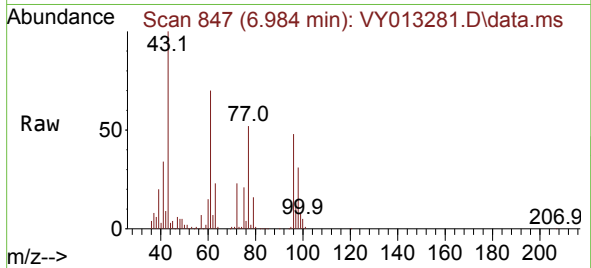




#25
2-Butanone
Concen: 249.895 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

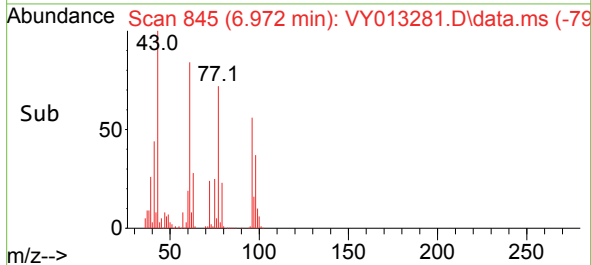
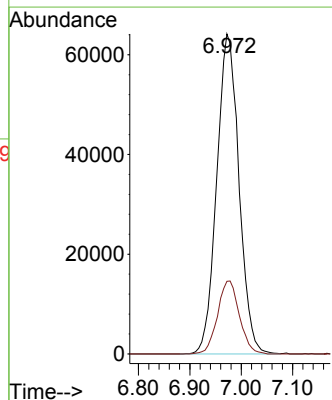
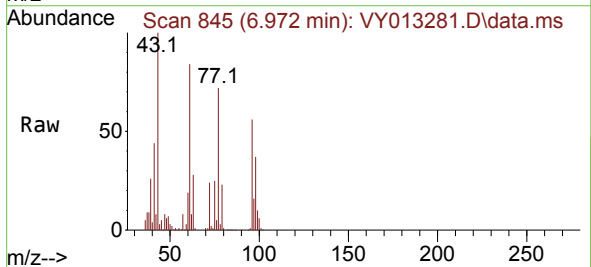
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

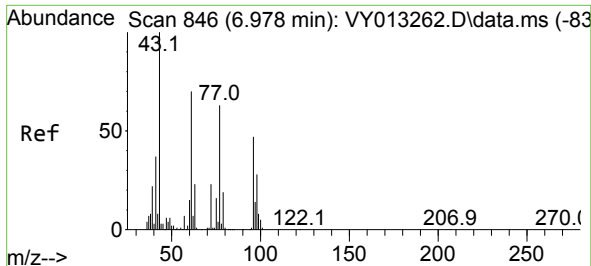
Tgt Ion: 43 Resp: 304495
Ion Ratio Lower Upper
43 100
72 23.0 21.0 31.4



#26
2,2-Dichloropropane
Concen: 47.176 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 77 Resp: 192895
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.0

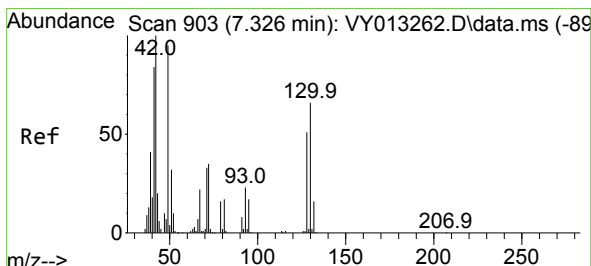
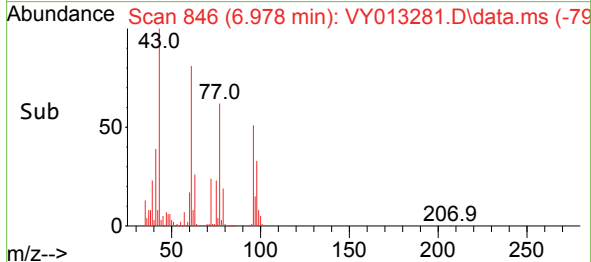
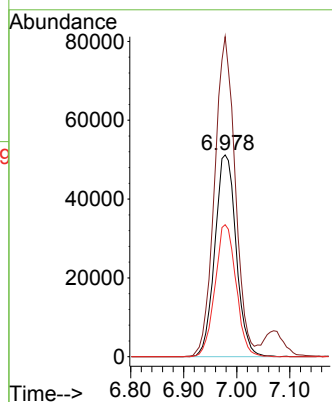
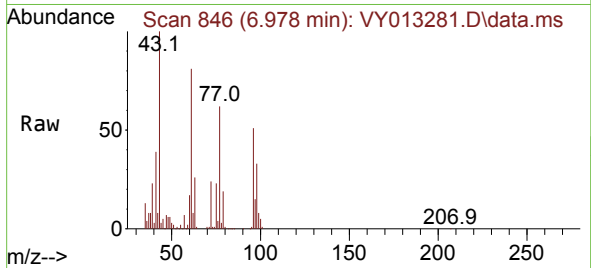




#27
 cis-1,2-Dichloroethene
 Concen: 53.103 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

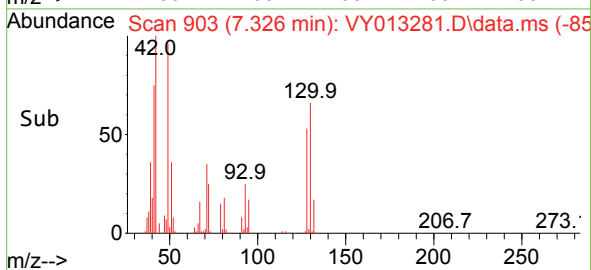
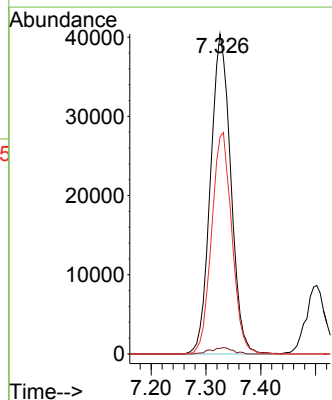
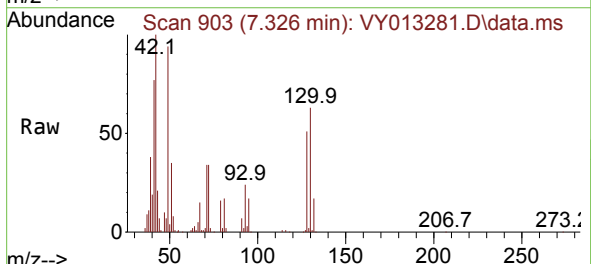
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

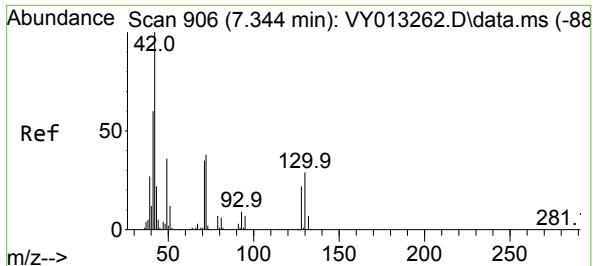
Tgt Ion: 96 Resp: 142851
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 295.8
 98 64.6 0.0 130.2



#28
 Bromochloromethane
 Concen: 57.112 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

Tgt Ion: 49 Resp: 103736
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 69.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 287.090 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

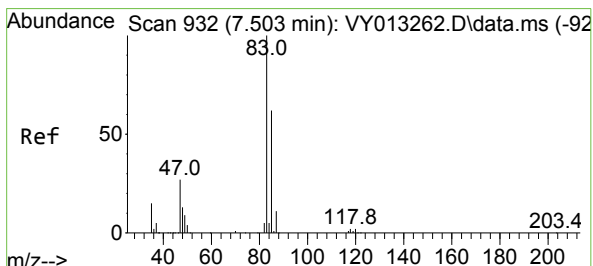
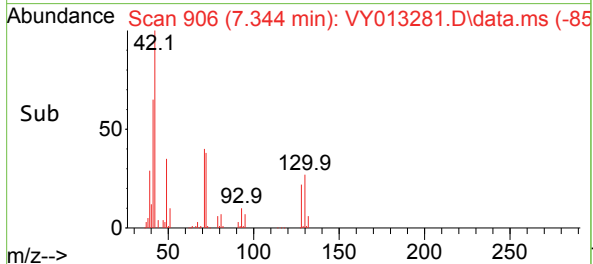
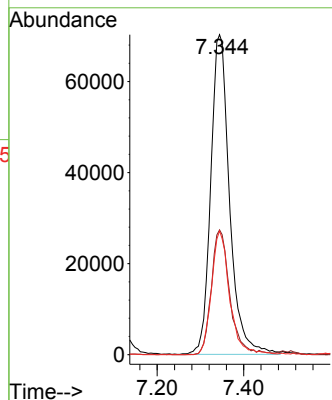
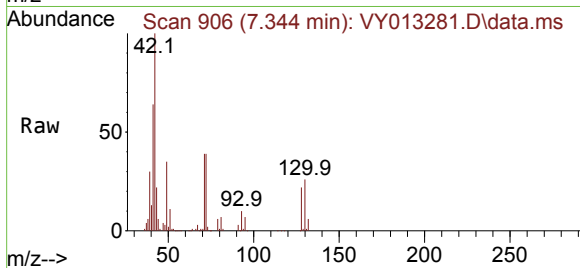
Tgt Ion: 42 Resp: 212463

Ion Ratio Lower Upper

42 100

72 38.5 32.3 48.5

71 37.1 30.3 45.5



#30

Chloroform

Concen: 52.725 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY013281.D

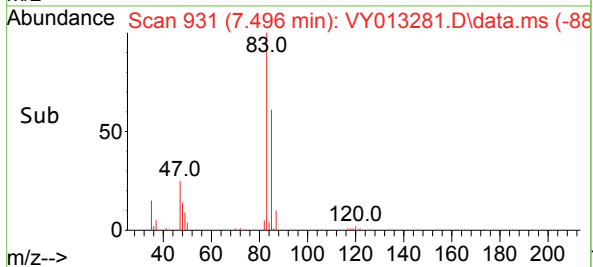
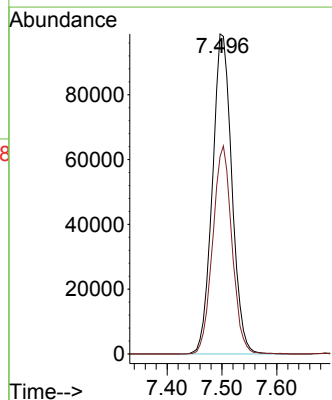
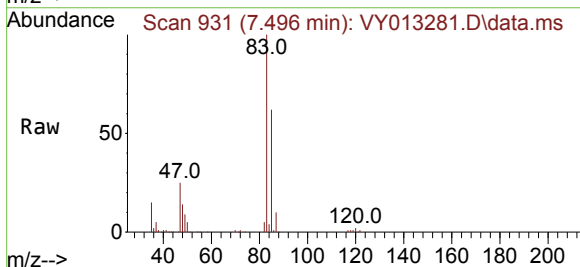
Acq: 12 Apr 2023 20:52

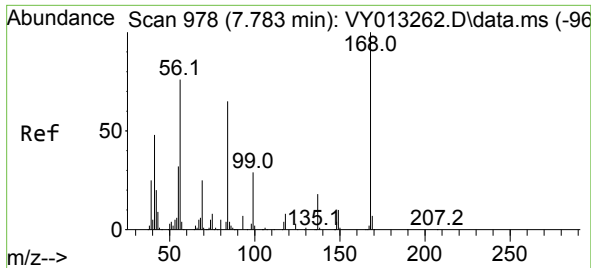
Tgt Ion: 83 Resp: 243170

Ion Ratio Lower Upper

83 100

85 61.6 51.4 77.0

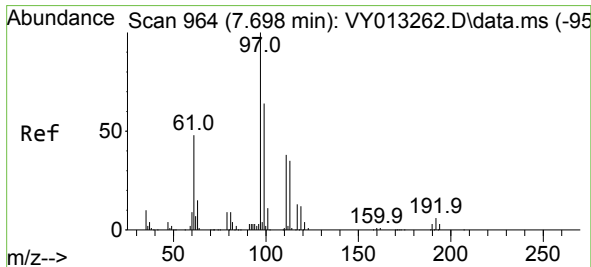
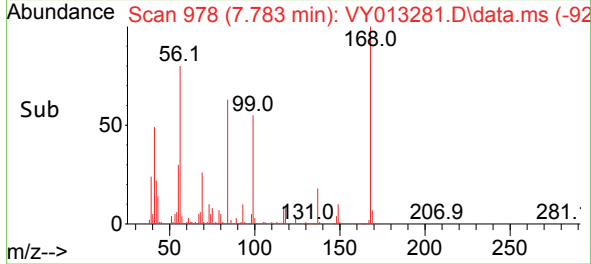
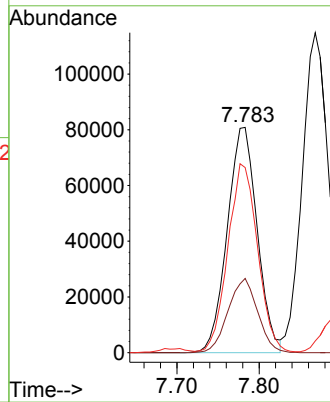
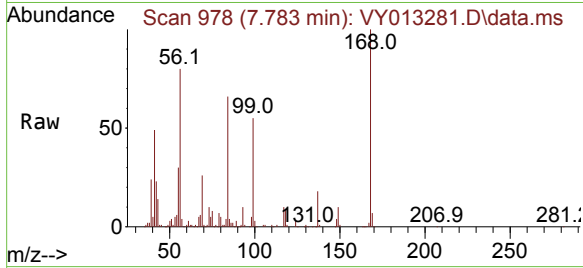




#31
Cyclohexane
Concen: 49.036 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

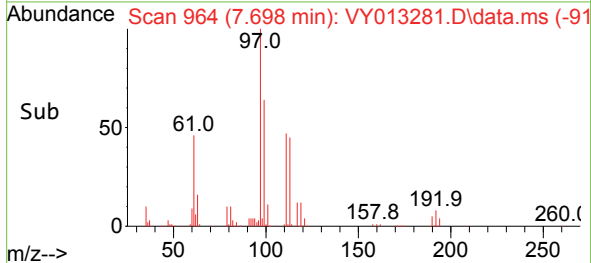
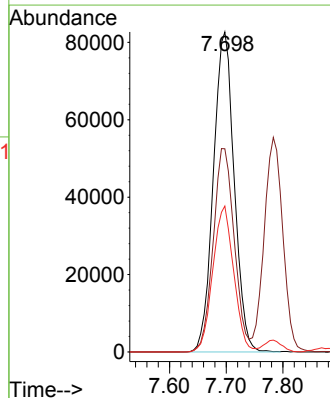
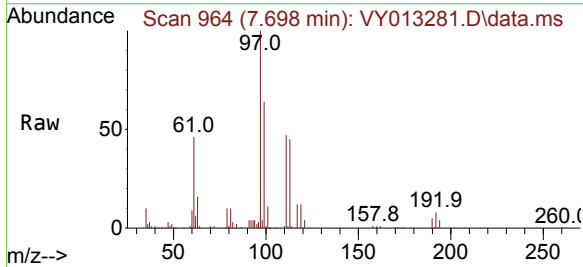
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

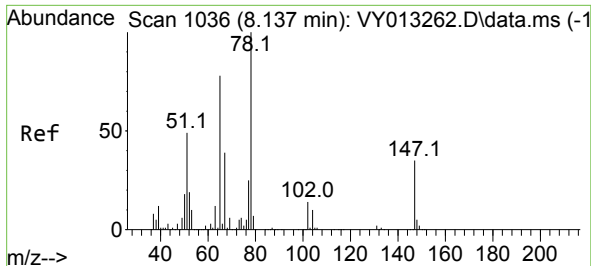
Tgt Ion: 56 Resp: 205220
Ion Ratio Lower Upper
56 100
69 32.9 25.7 38.5
84 80.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 50.549 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 97 Resp: 210905
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 45.8 34.5 51.7

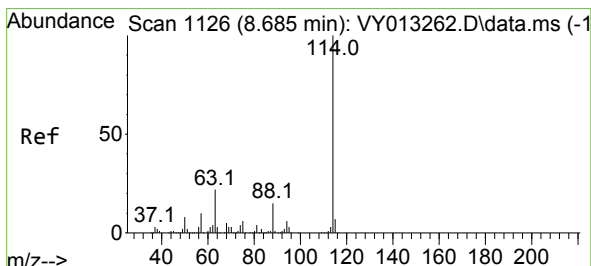
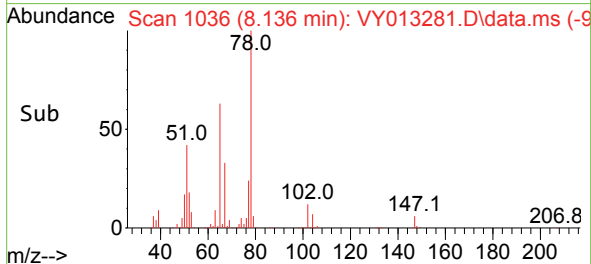
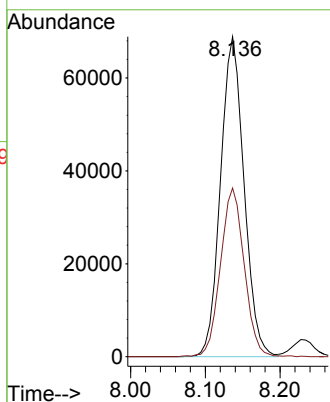
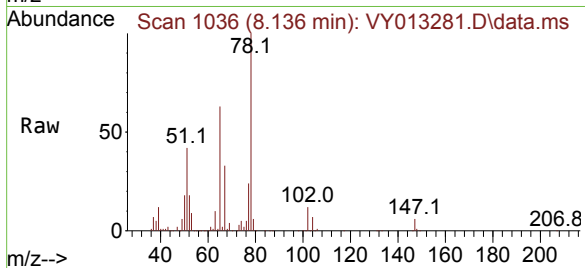




#33
 1,2-Dichloroethane-d4
 Concen: 54.508 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

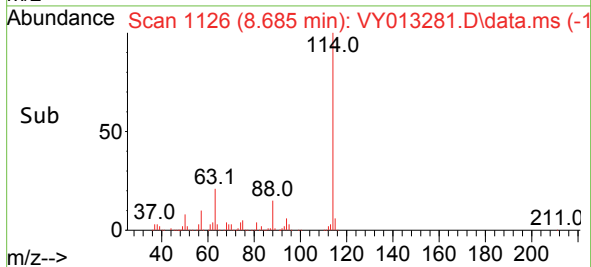
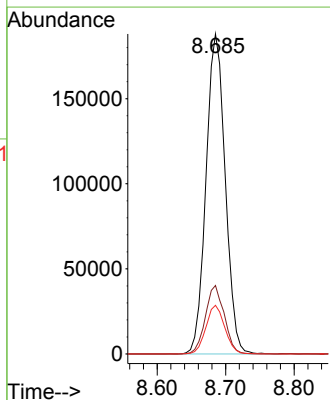
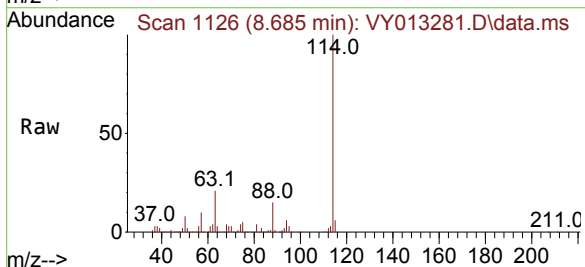
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

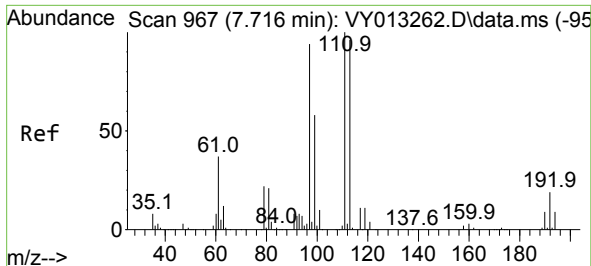
Tgt Ion: 65 Resp: 150867
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

Tgt Ion: 114 Resp: 366653
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 15.2 0.0 28.6

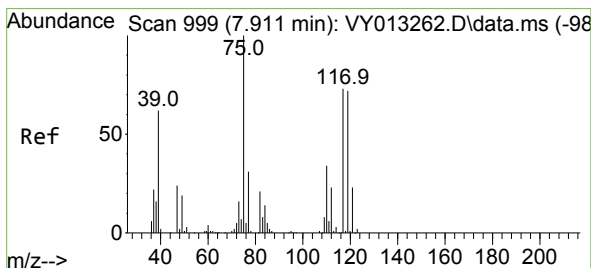
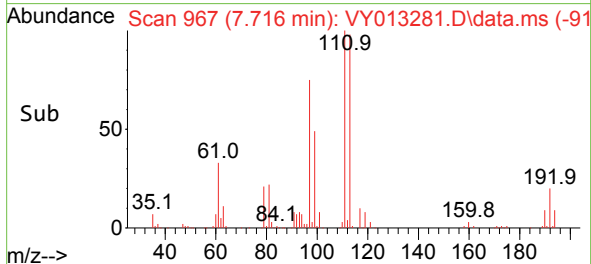
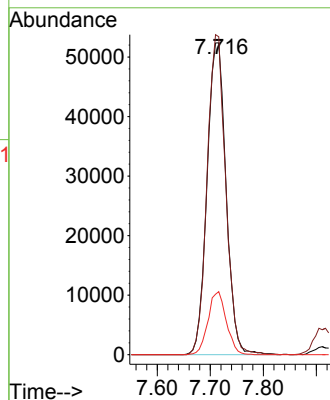
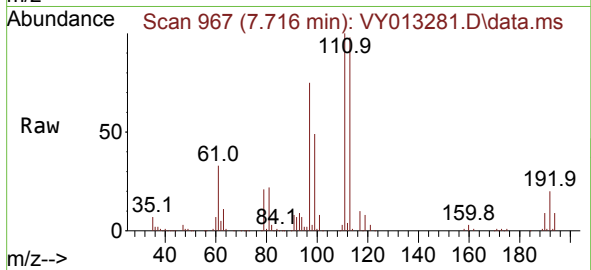




#35
Dibromofluoromethane
Concen: 54.901 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

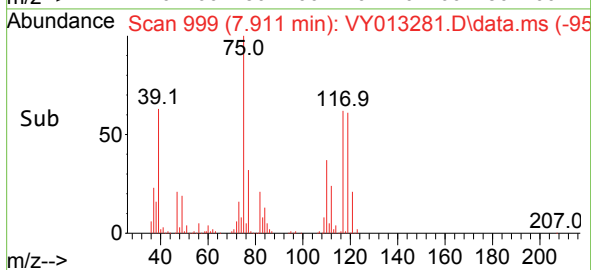
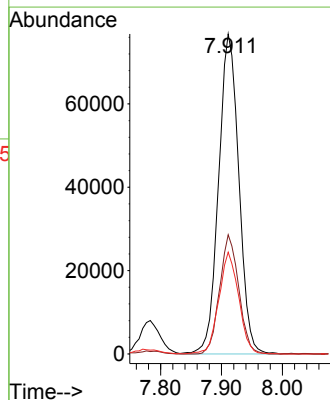
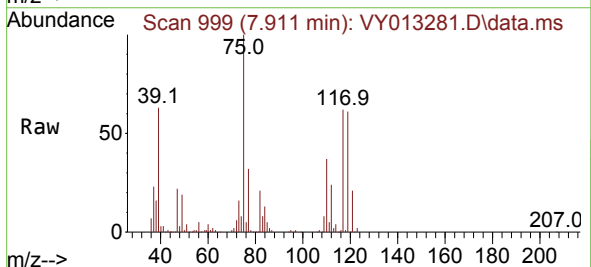
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

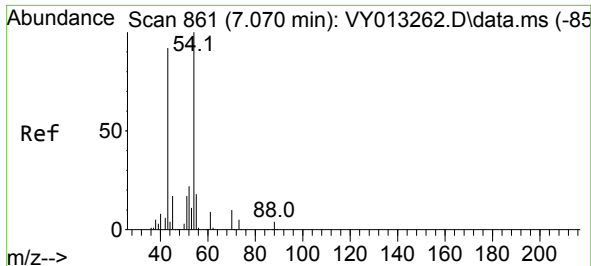
Tgt Ion:113 Resp: 130317
Ion Ratio Lower Upper
113 100
111 100.1 82.2 123.2
192 19.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.350 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 75 Resp: 177463
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.3
77 31.1 25.0 37.4

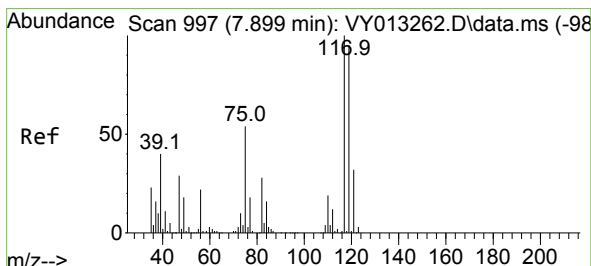
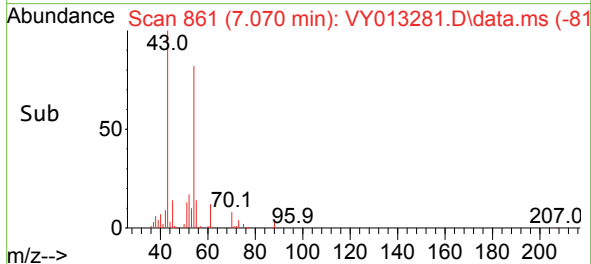
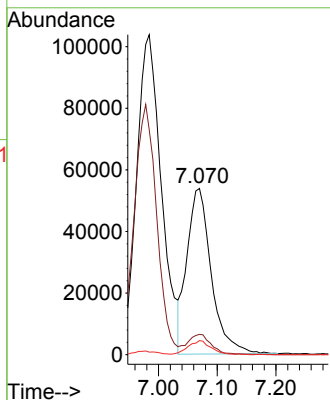
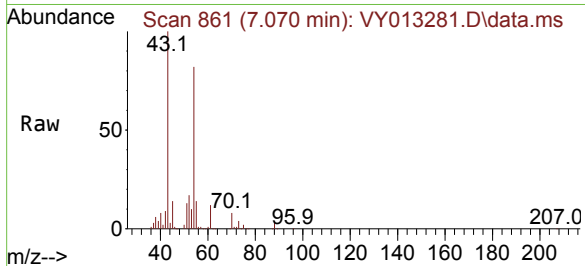




#37
Ethyl Acetate
Concen: 53.433 ug/l
RT: 7.070 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

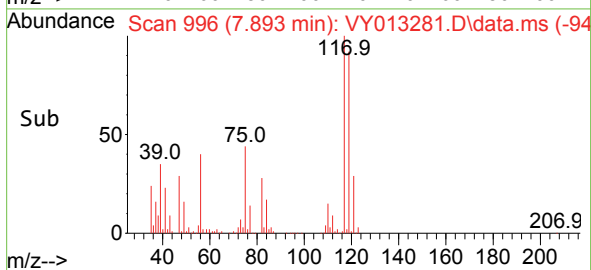
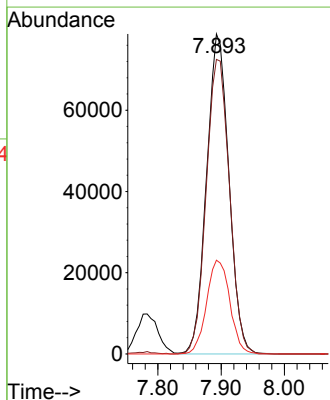
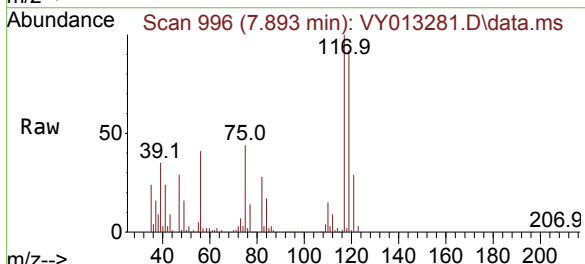
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

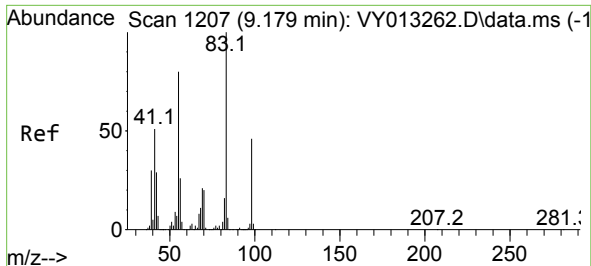
Tgt Ion: 43 Resp: 154883
Ion Ratio Lower Upper
43 100
61 10.5 10.7 16.1#
70 7.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 48.643 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 117 Resp: 193416
Ion Ratio Lower Upper
117 100
119 92.1 77.2 115.8
121 29.3 24.7 37.1





#39

Methylcyclohexane

Concen: 50.163 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

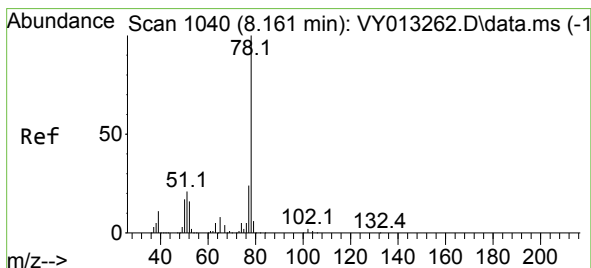
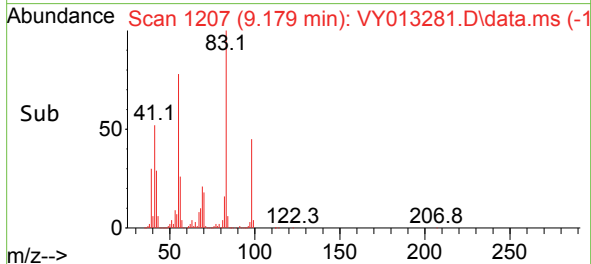
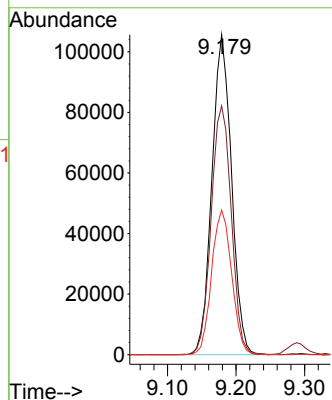
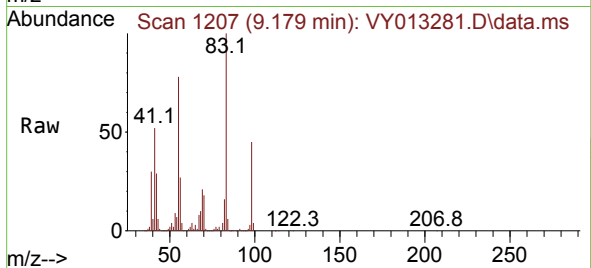
Tgt Ion: 83 Resp: 209700

Ion Ratio Lower Upper

83 100

55 77.7 60.0 90.0

98 45.2 38.3 57.5



#40

Benzene

Concen: 51.080 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013281.D

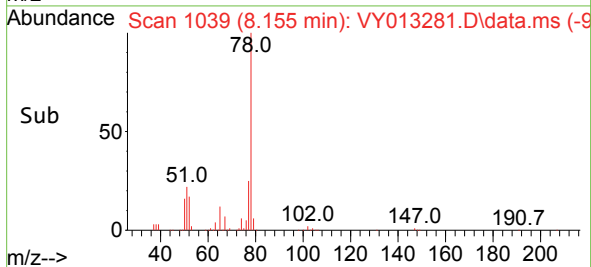
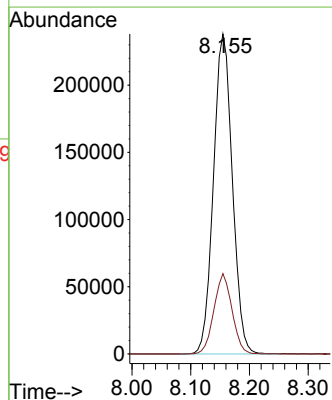
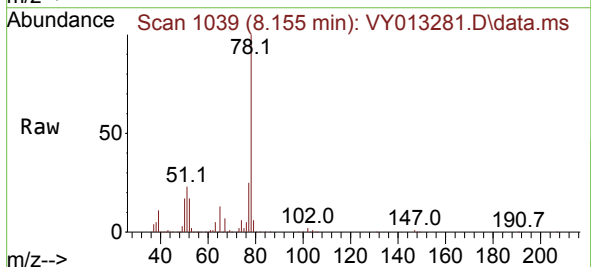
Acq: 12 Apr 2023 20:52

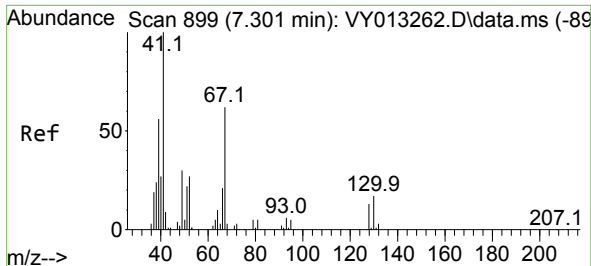
Tgt Ion: 78 Resp: 531627

Ion Ratio Lower Upper

78 100

77 25.1 19.4 29.0

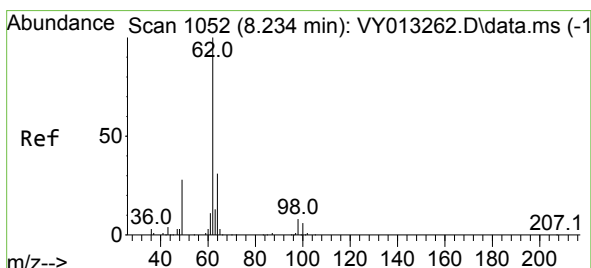
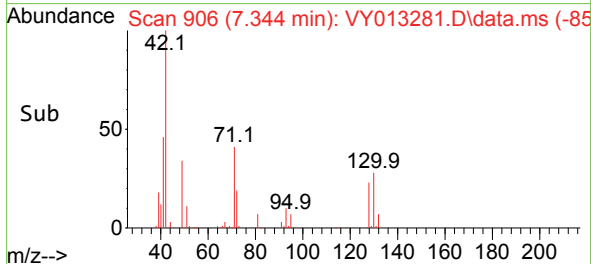
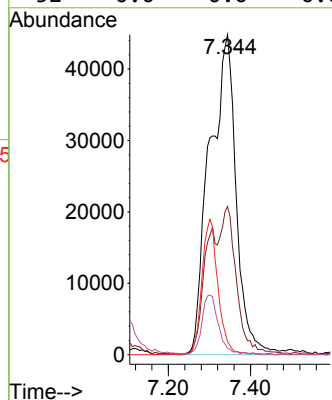
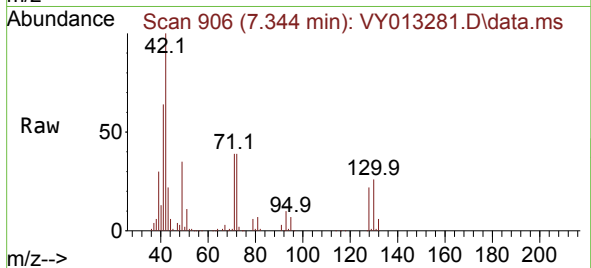




#41
Methacrylonitrile
Concen: 167.050 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

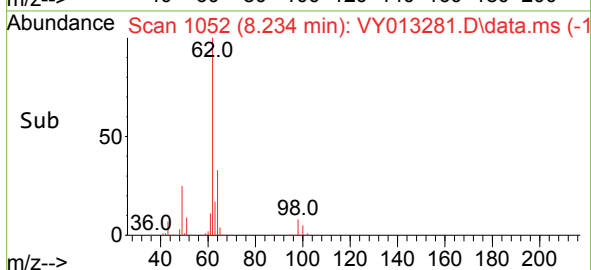
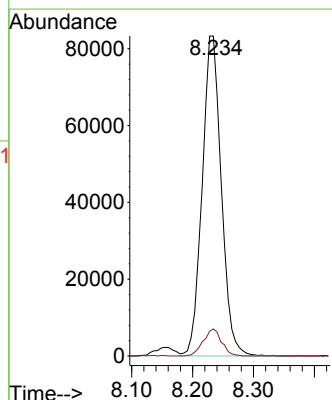
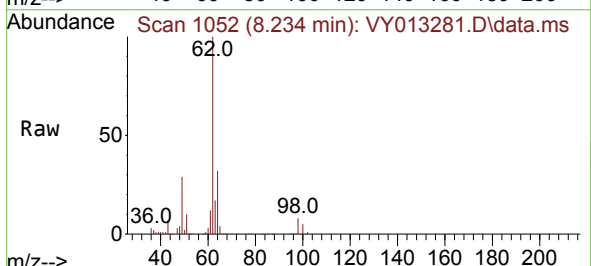
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

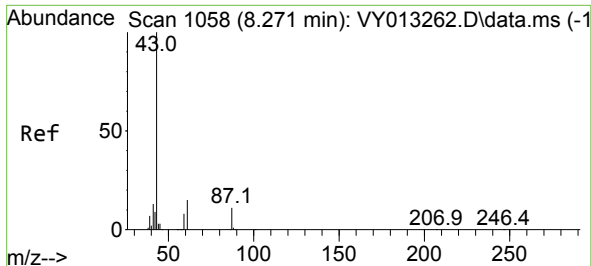
Tgt Ion:	41	Resp:	200890
Ion	Ratio	Lower	Upper
41	100		
39	24.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.588 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion:	62	Resp:	182040
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.8

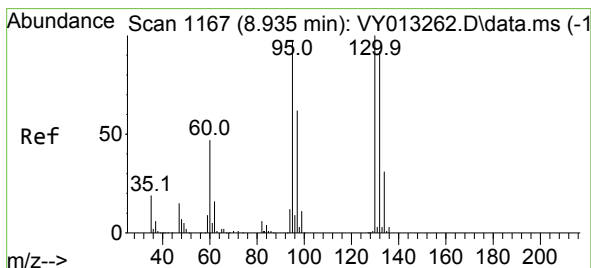
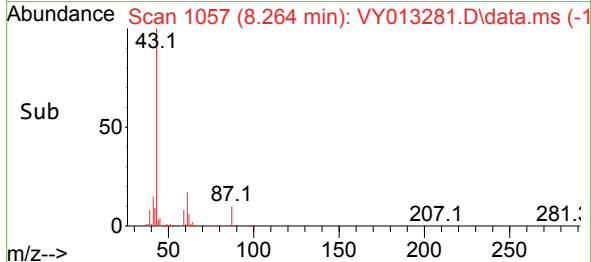
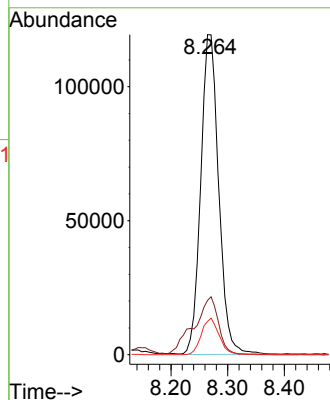
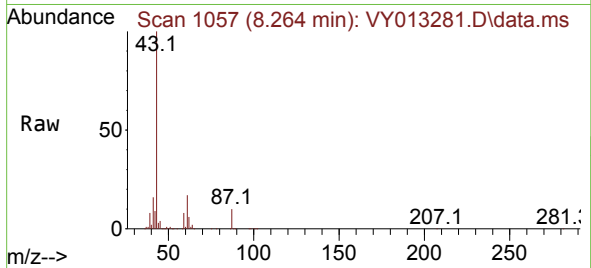




#43
Isopropyl Acetate
Concen: 54.392 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

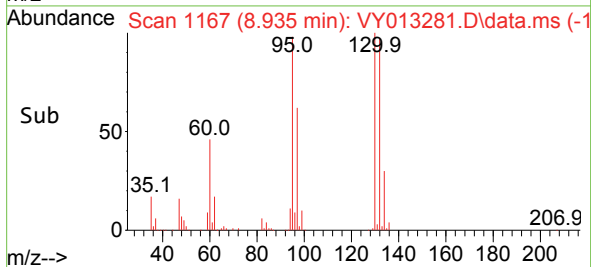
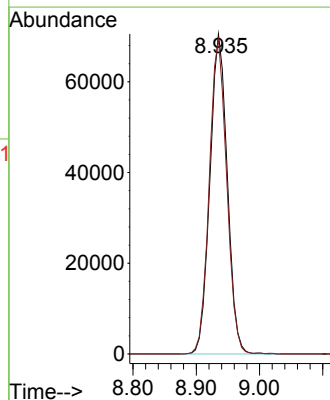
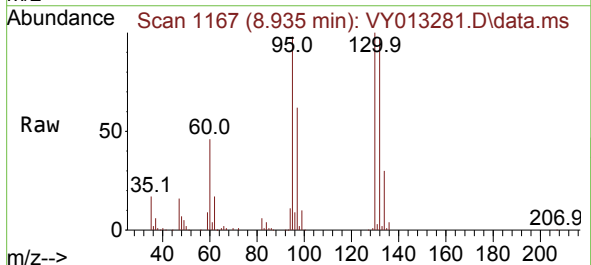
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

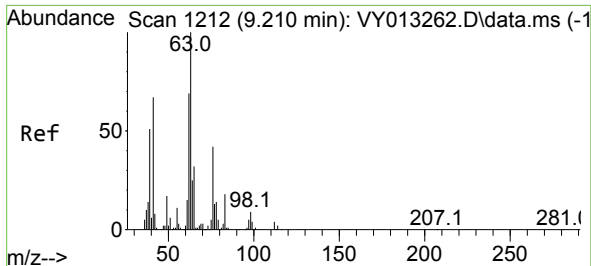
Tgt Ion: 43 Resp: 261878
Ion Ratio Lower Upper
43 100
61 25.0 21.6 32.4
87 11.2 9.9 14.9



#44
Trichloroethene
Concen: 50.126 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion:130 Resp: 134391
Ion Ratio Lower Upper
130 100
95 98.4 0.0 185.0





#45

1,2-Dichloropropane

Concen: 51.563 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

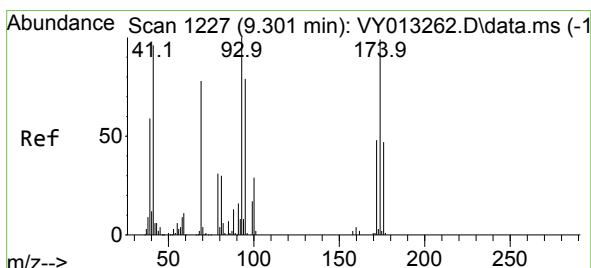
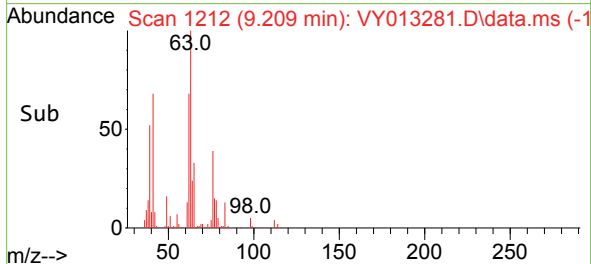
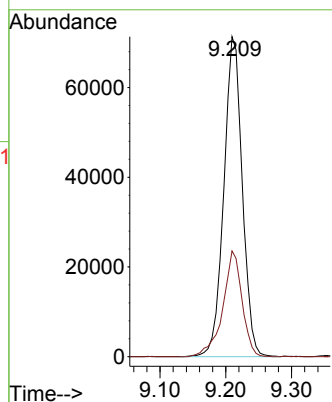
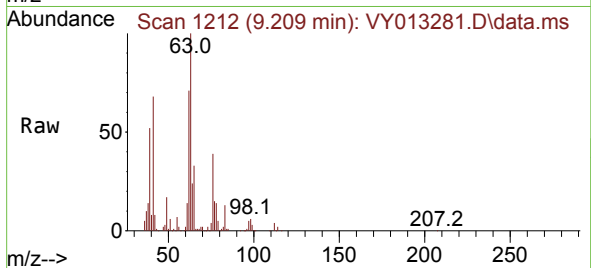
VSTDCCC050EC

Tgt Ion: 63 Resp: 139288

Ion Ratio Lower Upper

63 100

65 33.0 25.7 38.5



#46

Dibromomethane

Concen: 51.747 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

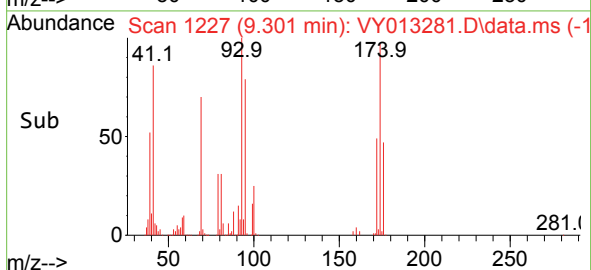
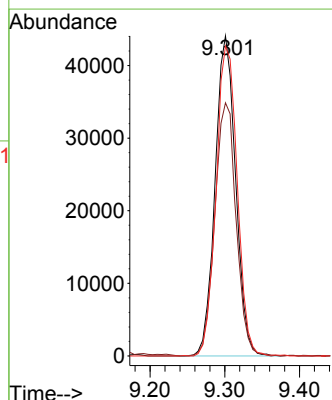
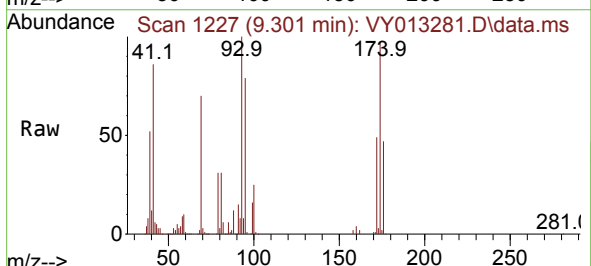
Tgt Ion: 93 Resp: 84131

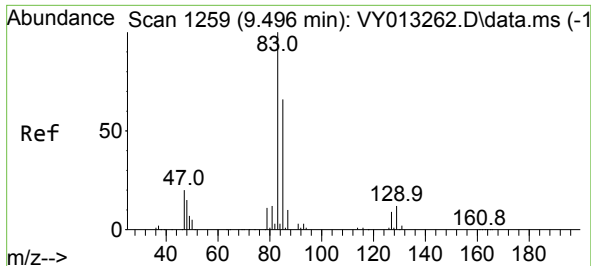
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 99.8 81.3 121.9

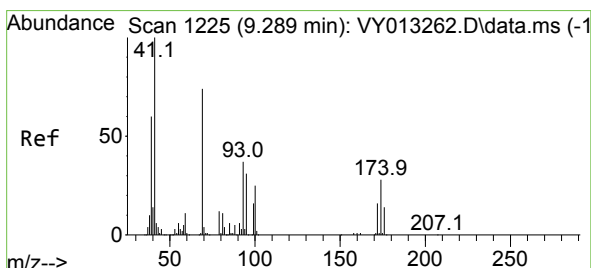
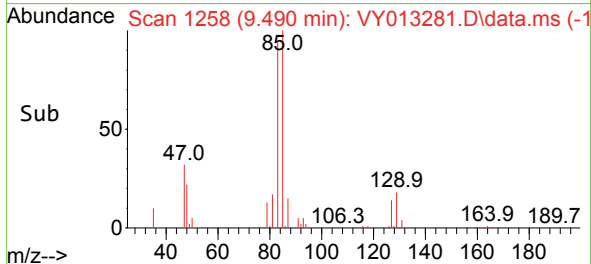
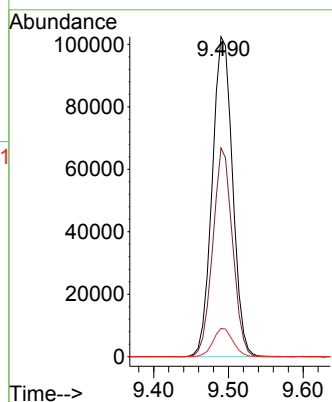
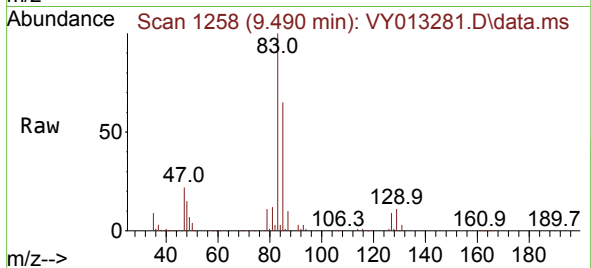




#47
Bromodichloromethane
Concen: 52.140 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

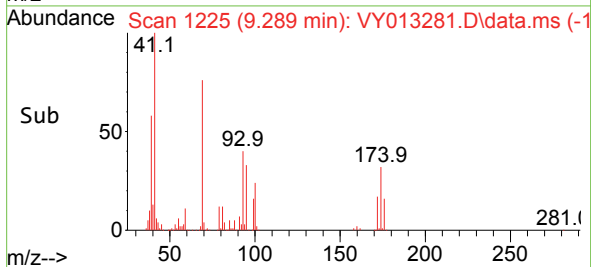
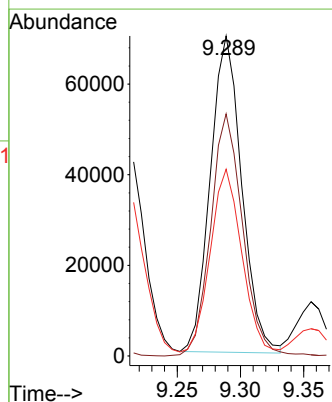
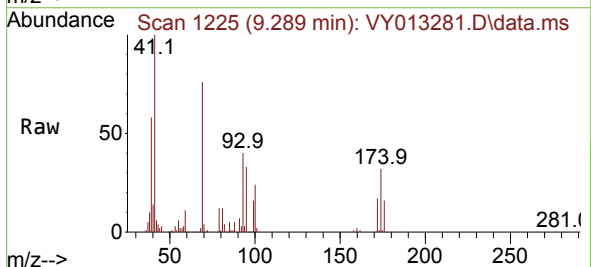
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

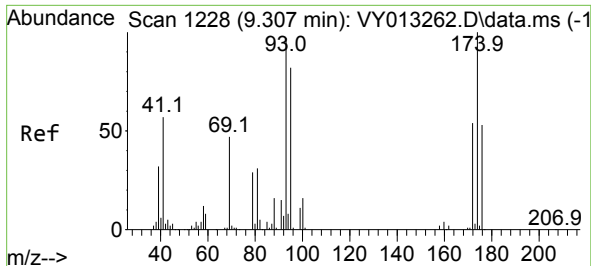
Tgt Ion: 83 Resp: 193790
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 54.554 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 41 Resp: 120649
Ion Ratio Lower Upper
41 100
69 78.0 64.1 96.1
39 58.1 44.0 66.0

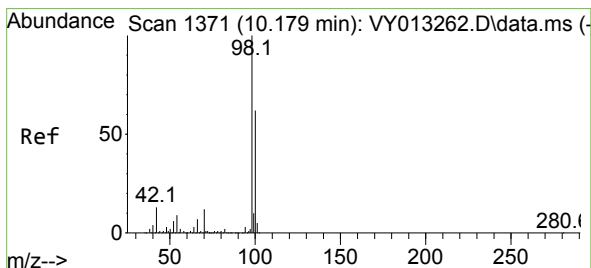
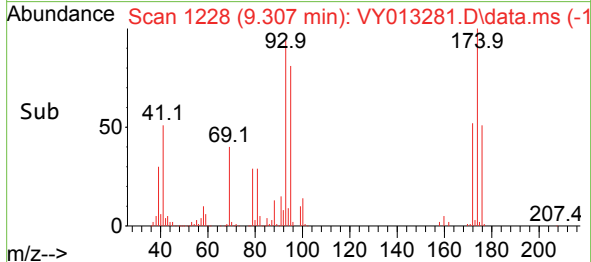
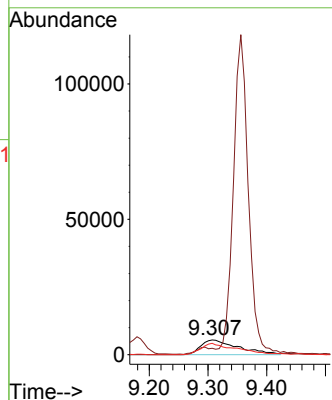
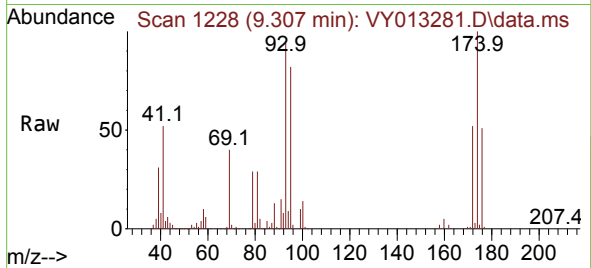




#49
1,4-Dioxane
Concen: 1103.390 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

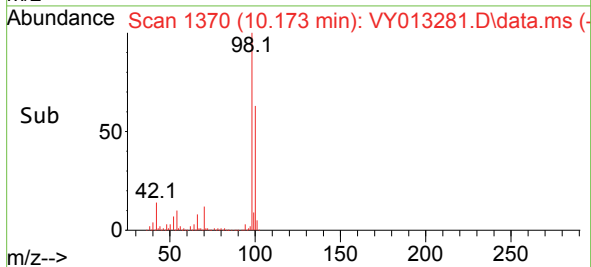
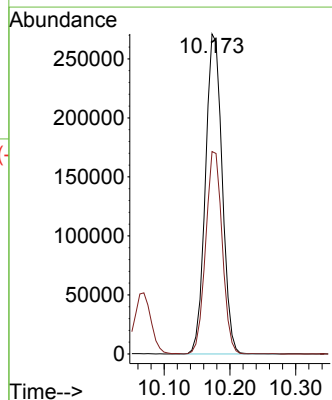
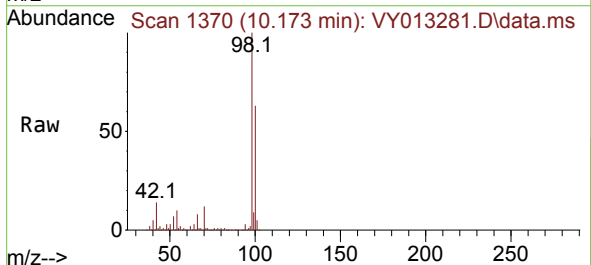
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

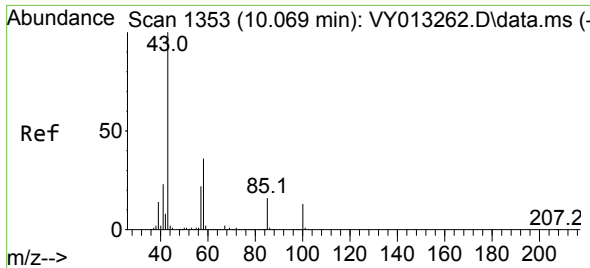
Tgt Ion: 88 Resp: 24305
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 74.7 55.2 82.8



#50
Toluene-d8
Concen: 54.208 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 98 Resp: 478942
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

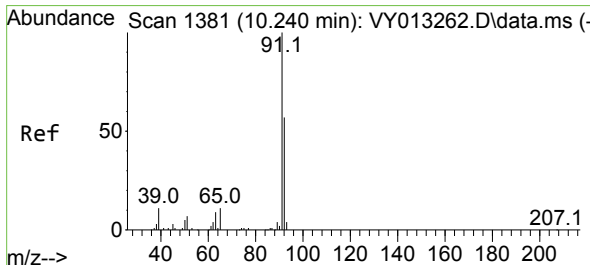
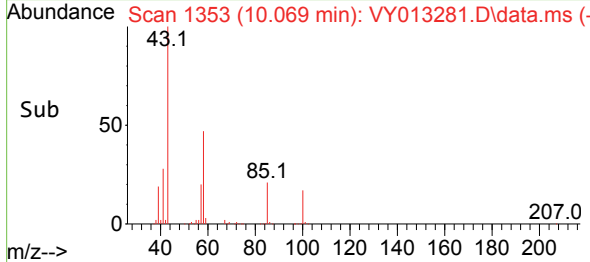
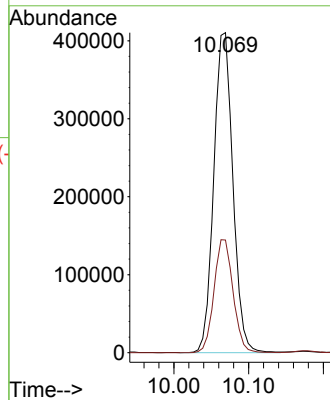
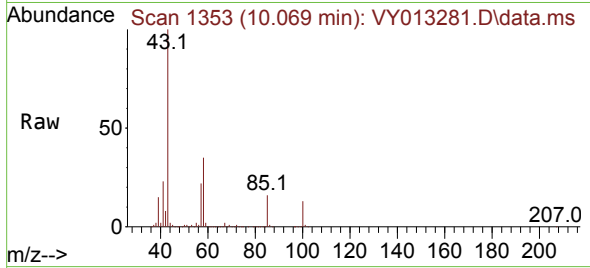




#51
4-Methyl-2-Pentanone
Concen: 277.810 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

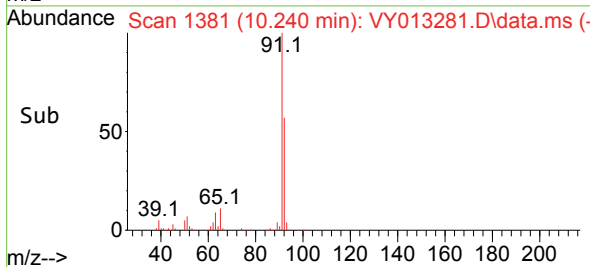
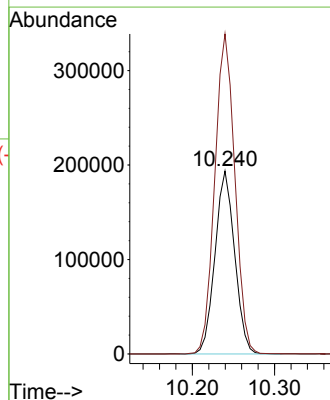
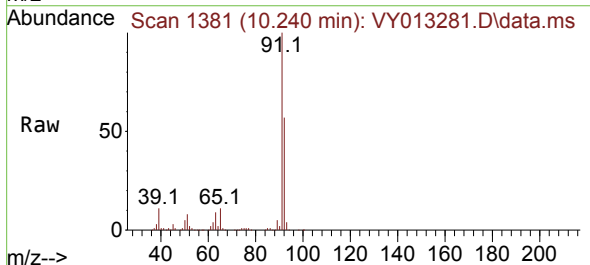
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

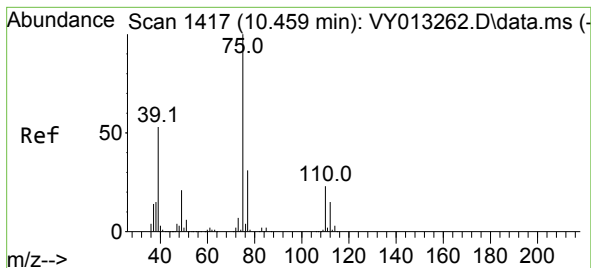
Tgt Ion: 43 Resp: 727937
Ion Ratio Lower Upper
43 100
58 35.3 29.8 44.6



#52
Toluene
Concen: 51.237 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 92 Resp: 322006
Ion Ratio Lower Upper
92 100
91 178.8 141.3 211.9

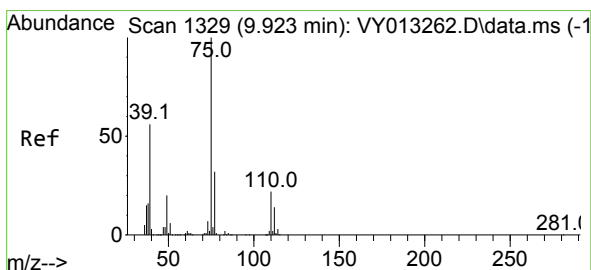
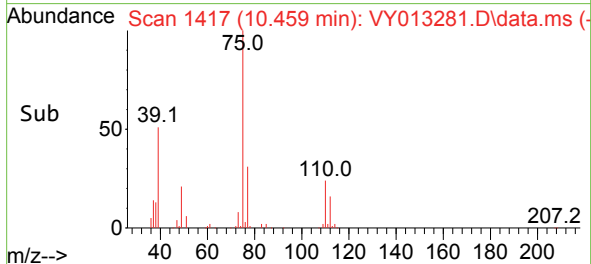
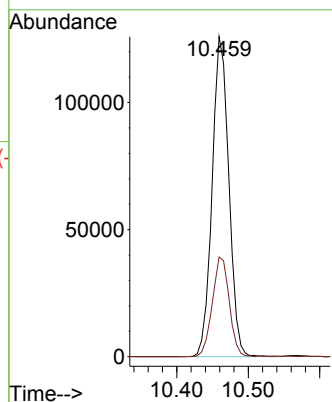
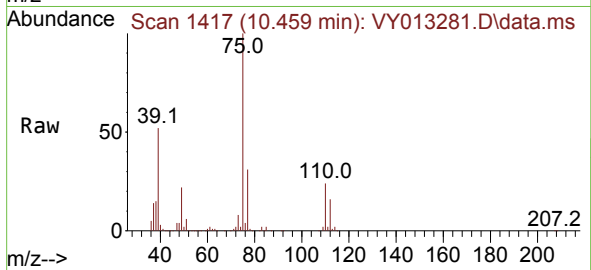




#53
t-1,3-Dichloropropene
Concen: 52.393 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

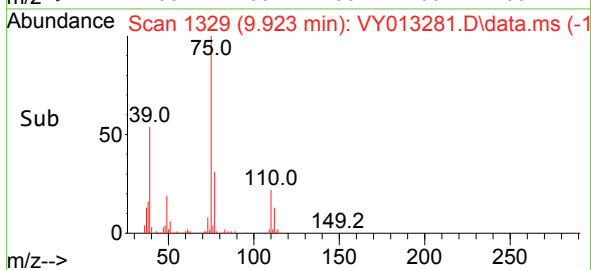
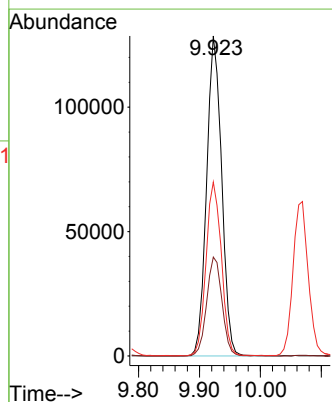
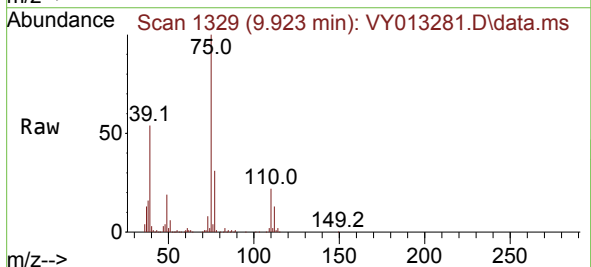
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

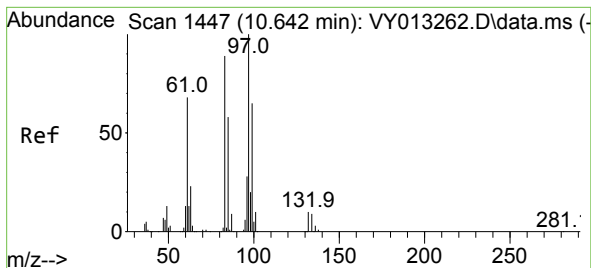
Tgt Ion: 75 Resp: 203928
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.660 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 75 Resp: 220480
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 54.2 39.0 58.4



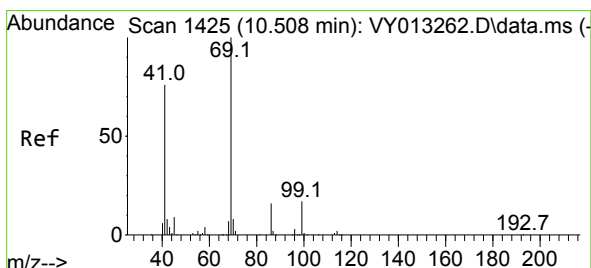
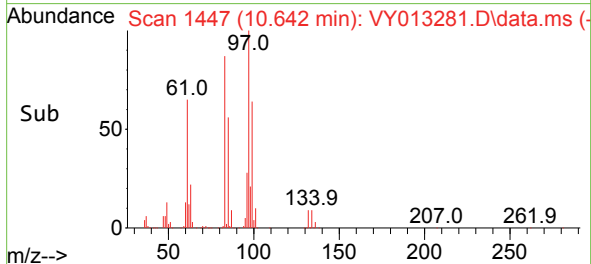
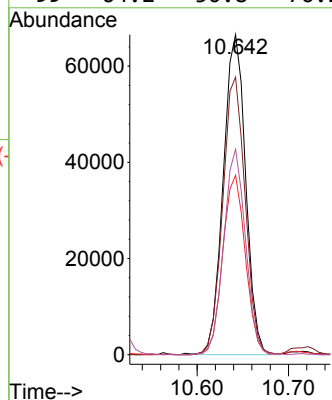
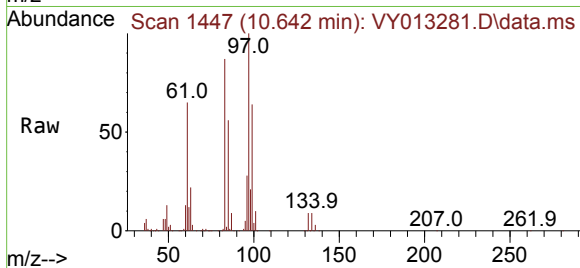


#55
1,1,2-Trichloroethane
Concen: 52.834 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 113259

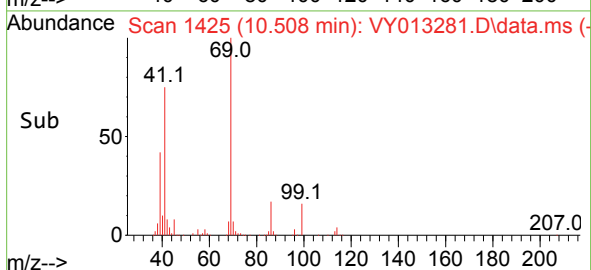
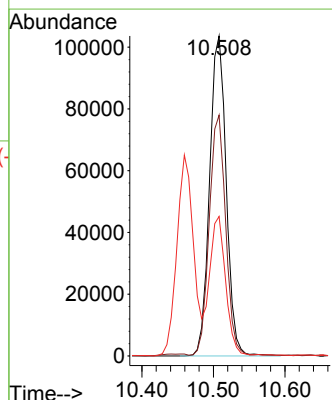
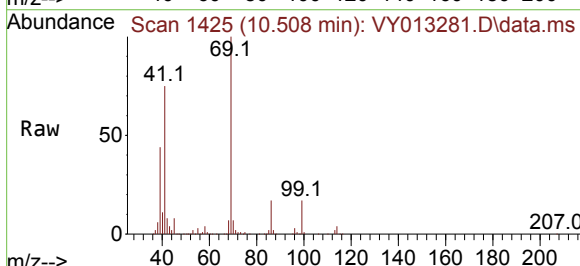
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.6
85	56.1	44.9	67.3
99	64.2	50.8	76.2

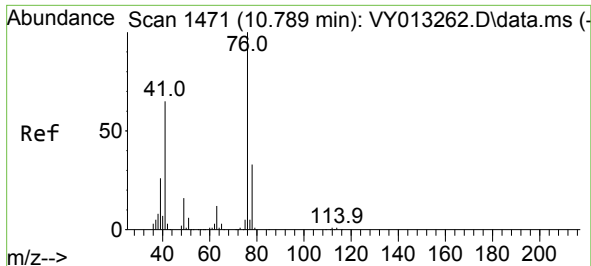


#56
Ethyl methacrylate
Concen: 56.963 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 69 Resp: 167195

Ion	Ratio	Lower	Upper
69	100		
41	73.8	56.4	84.6
39	42.5	30.8	46.2

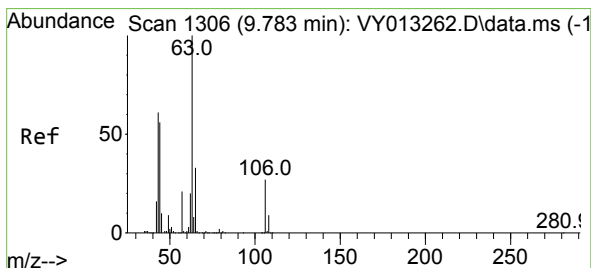
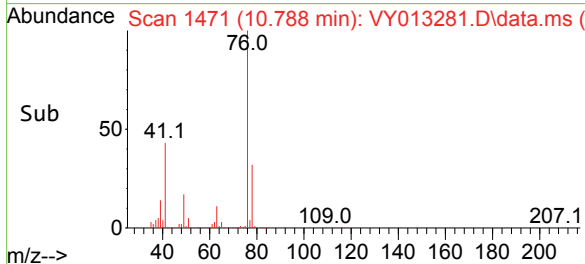
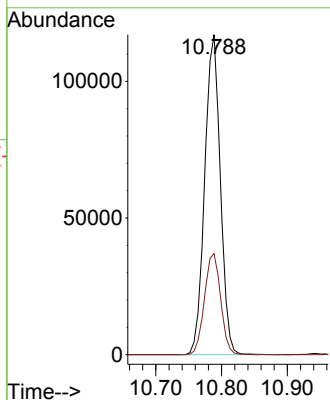
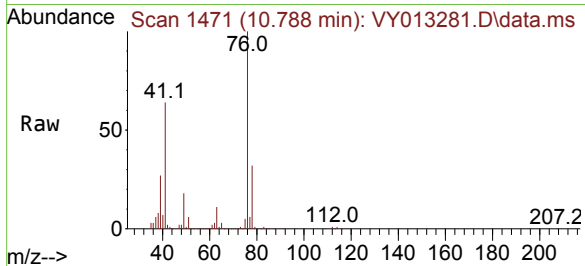




#57
 1,3-Dichloropropane
 Concen: 53.063 ug/l
 RT: 10.788 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

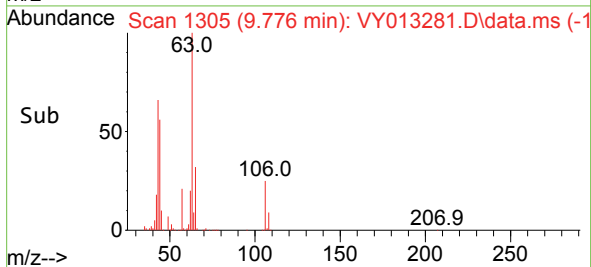
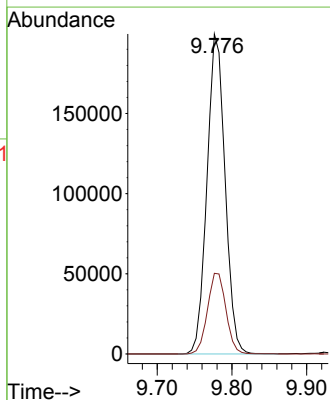
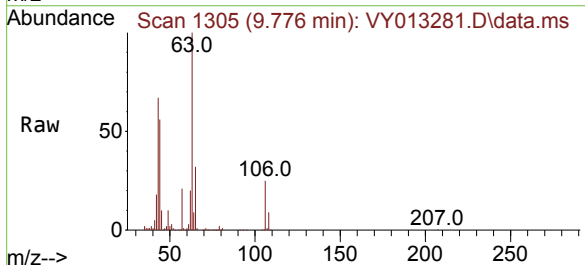
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

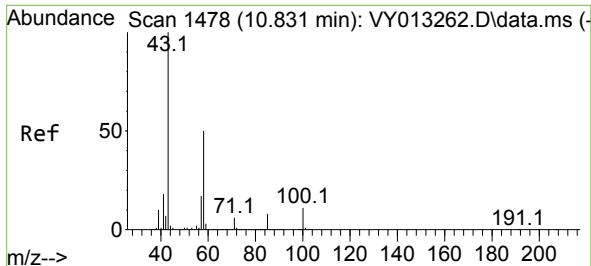
Tgt Ion: 76 Resp: 193464
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.424 ug/l
 RT: 9.776 min Scan# 1305
 Delta R.T. -0.006 min
 Lab File: VY013281.D
 Acq: 12 Apr 2023 20:52

Tgt Ion: 63 Resp: 335100
 Ion Ratio Lower Upper
 63 100
 106 25.8 22.1 33.1

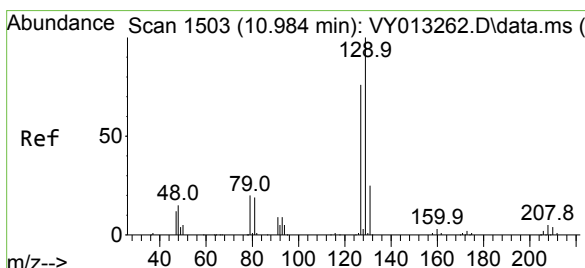
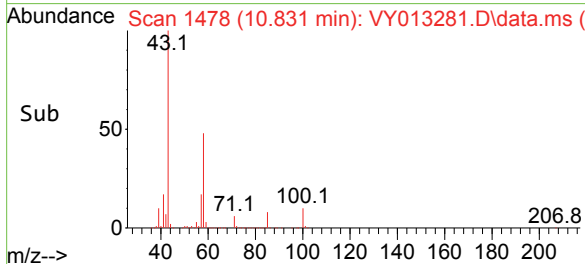
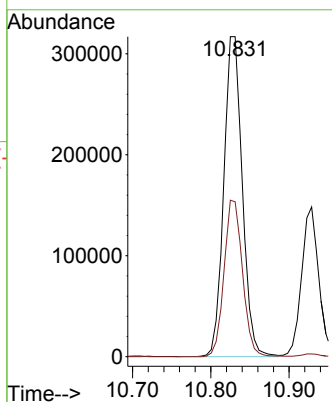
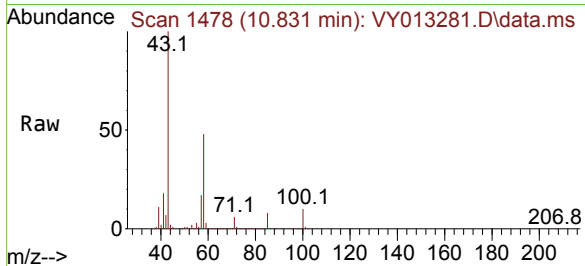




#59
2-Hexanone
Concen: 273.709 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

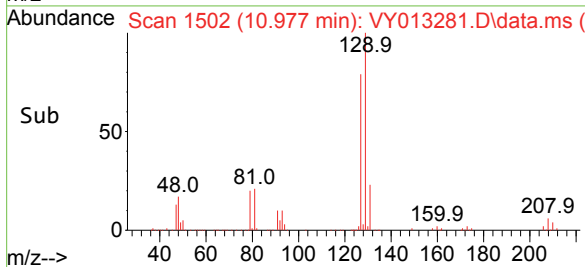
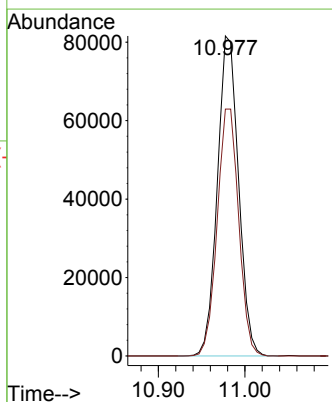
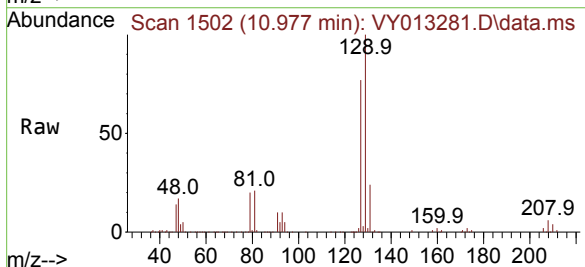
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

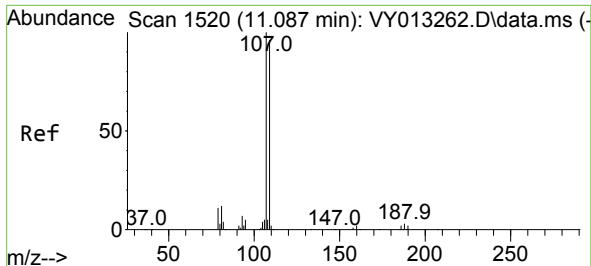
Tgt Ion: 43 Resp: 521481
Ion Ratio Lower Upper
43 100
58 48.8 25.9 77.8



#60
Dibromochloromethane
Concen: 51.582 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 129 Resp: 138647
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

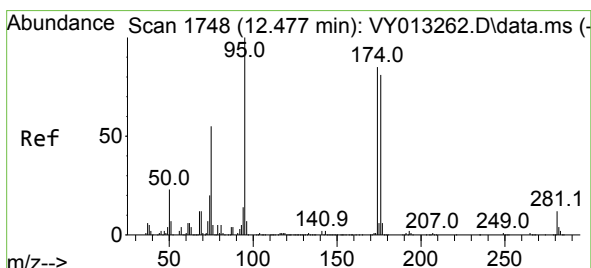
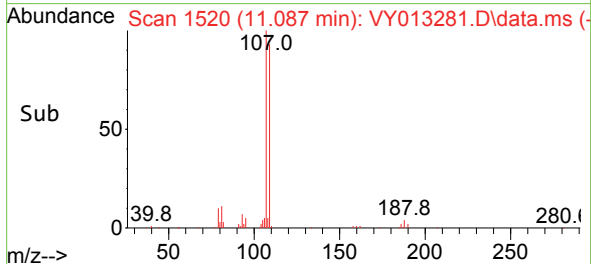
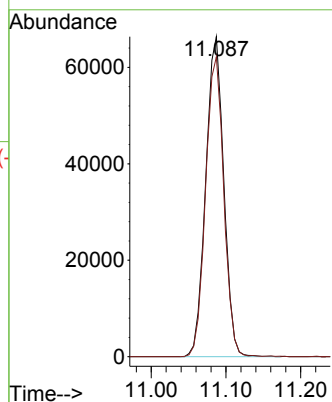
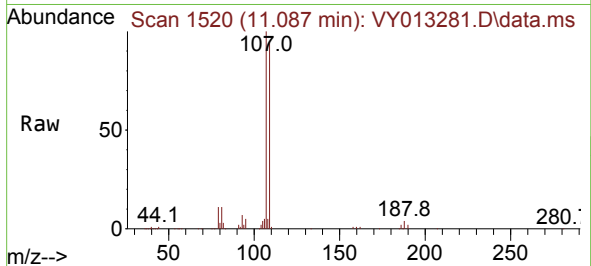




#61
1,2-Dibromoethane
Concen: 53.286 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

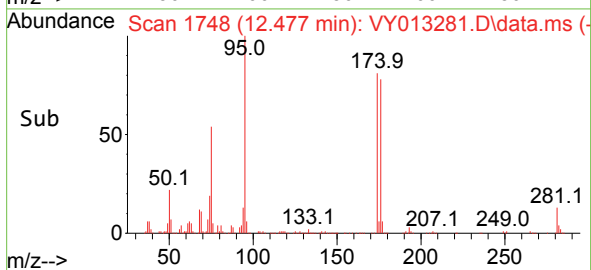
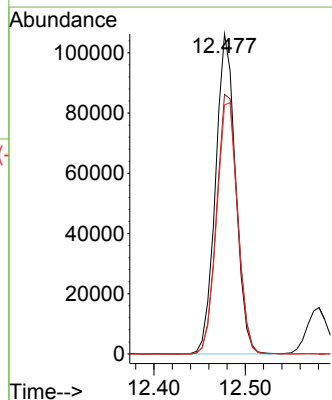
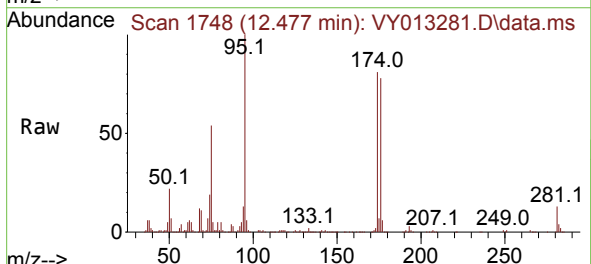
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

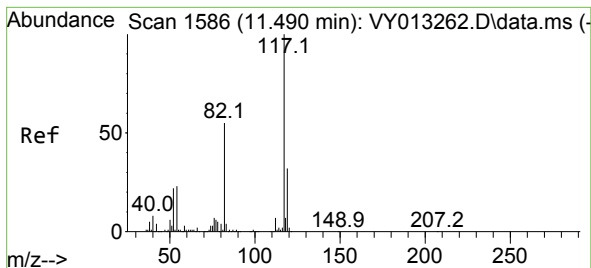
Tgt Ion:107 Resp: 111231
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 56.287 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 95 Resp: 161583
Ion Ratio Lower Upper
95 100
174 85.1 0.0 176.6
176 82.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

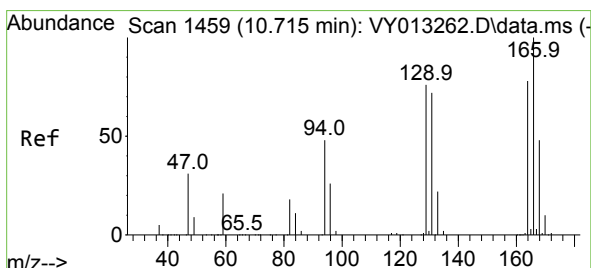
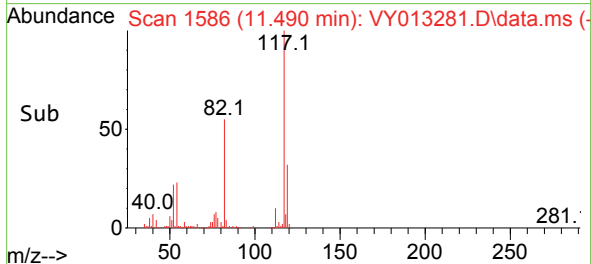
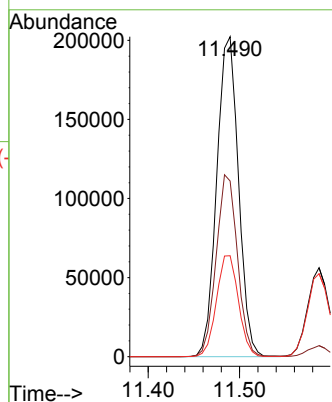
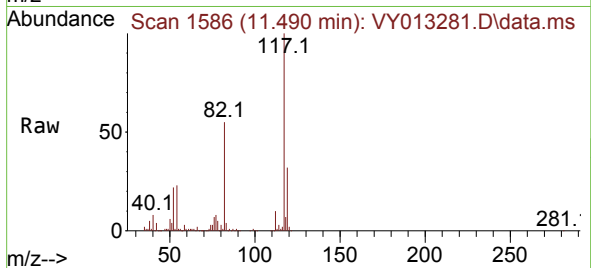
Tgt Ion:117 Resp: 334398

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 52.603 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Tgt Ion:164 Resp: 124099

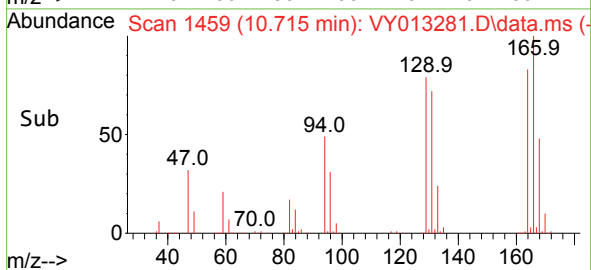
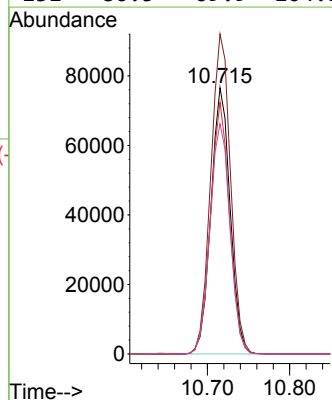
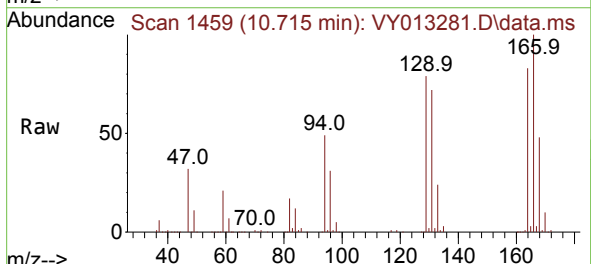
Ion Ratio Lower Upper

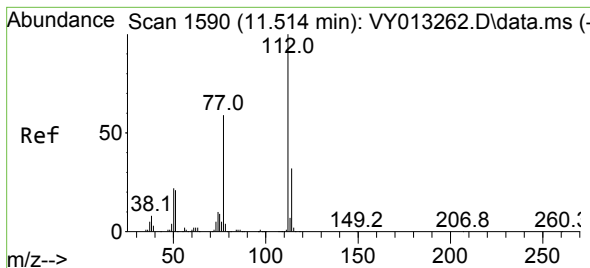
164 100

166 120.2 103.4 155.2

129 94.5 71.4 107.2

131 86.5 69.9 104.9





#65

Chlorobenzene

Concen: 49.568 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

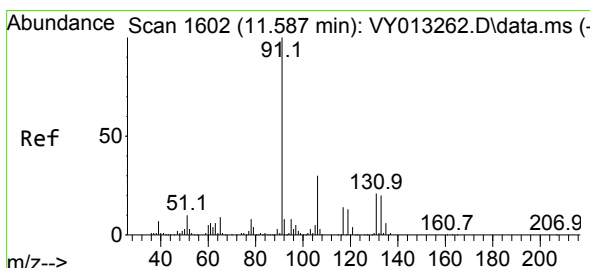
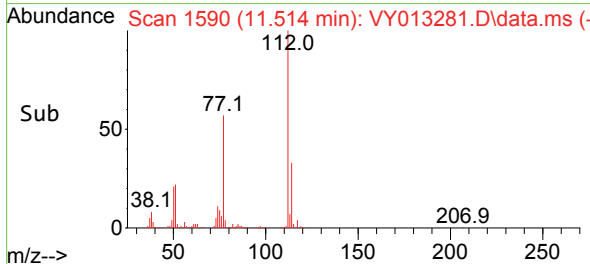
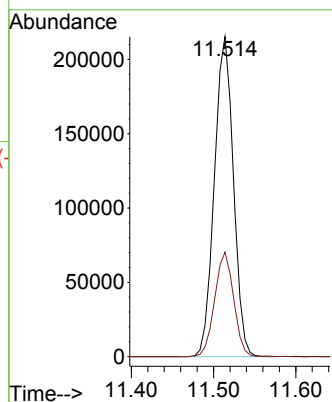
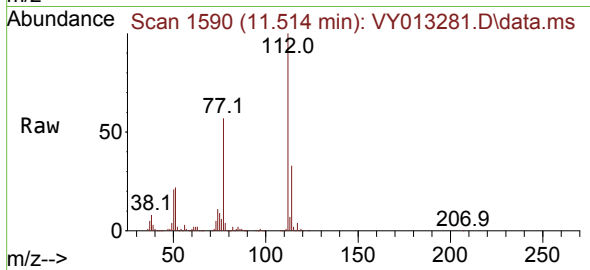
VSTDCCC050EC

Tgt Ion:112 Resp: 346744

Ion Ratio Lower Upper

112 100

114 32.7 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.141 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

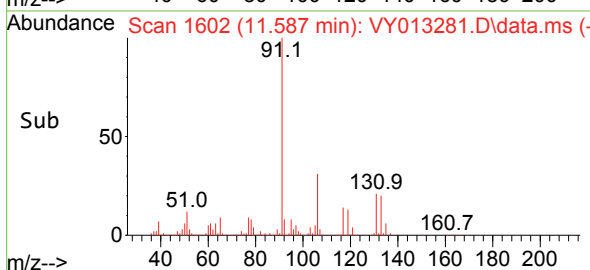
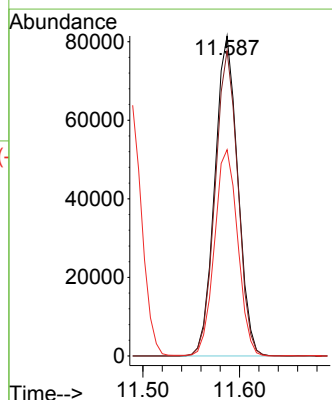
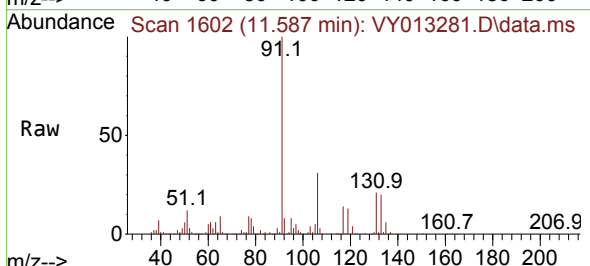
Tgt Ion:131 Resp: 134252

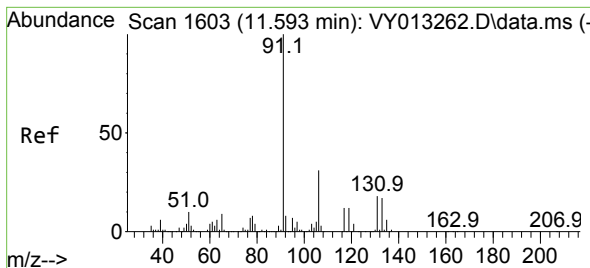
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.0

119 65.3 32.6 98.0





#67

Ethyl Benzene

Concen: 50.453 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

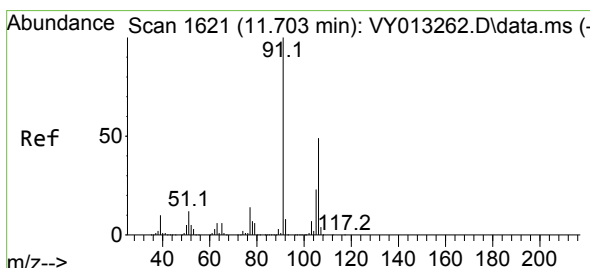
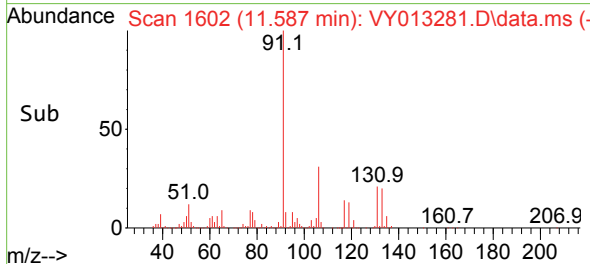
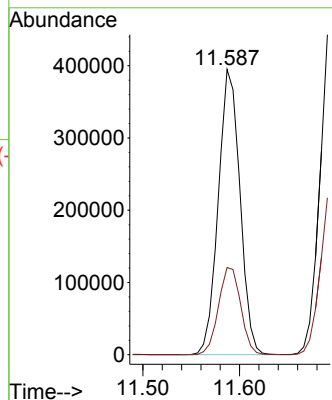
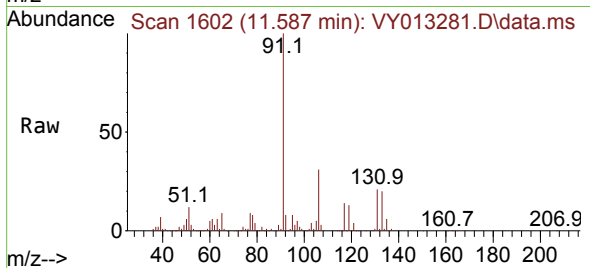
VSTDCCC050EC

Tgt Ion: 91 Resp: 614686

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7



#68

m/p-Xylenes

Concen: 101.821 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013281.D

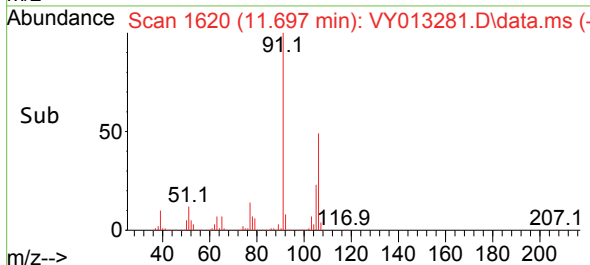
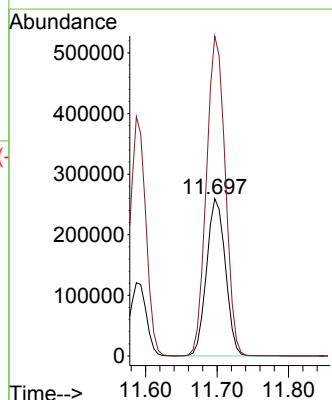
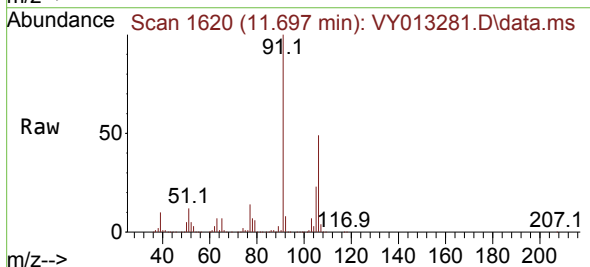
Acq: 12 Apr 2023 20:52

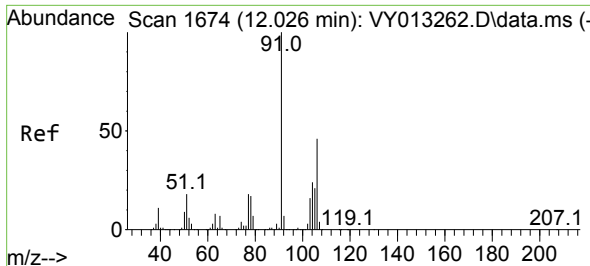
Tgt Ion:106 Resp: 474644

Ion Ratio Lower Upper

106 100

91 203.2 159.8 239.8

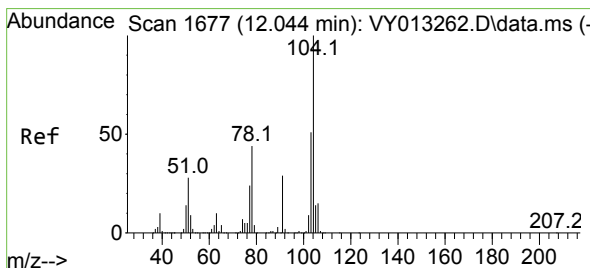
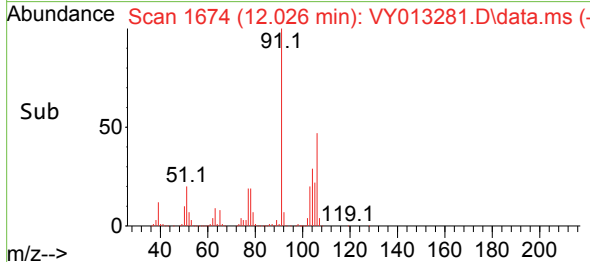
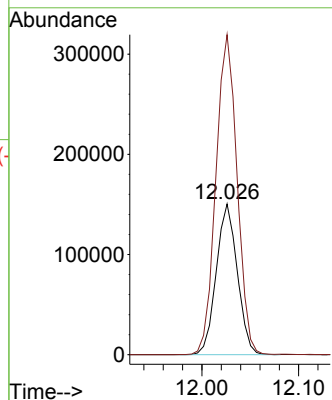
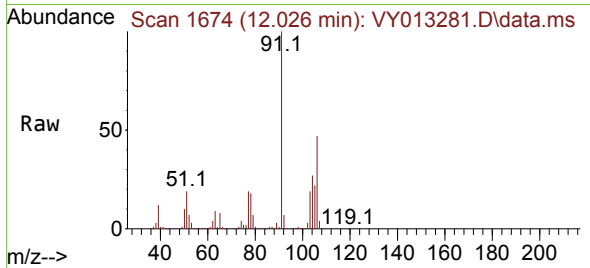




#69
o-Xylene
Concen: 52.634 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

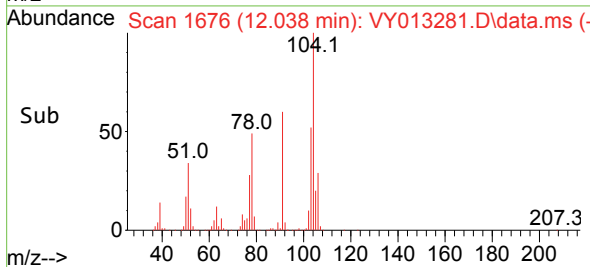
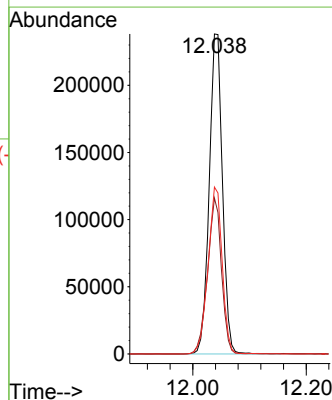
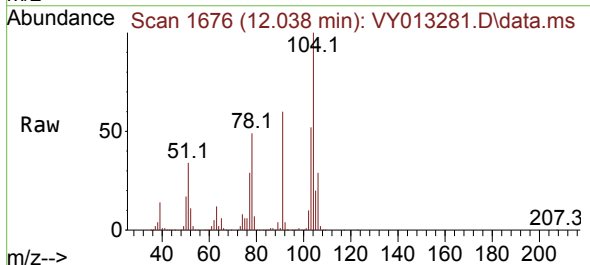
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

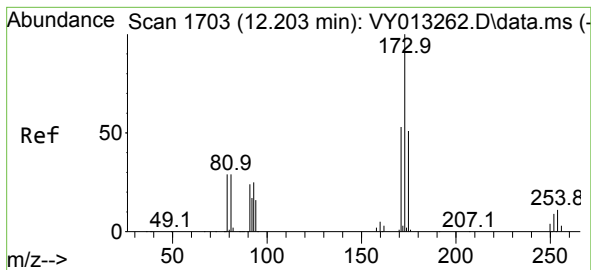
Tgt Ion:106 Resp: 227237
Ion Ratio Lower Upper
106 100
91 214.0 107.2 321.6



#70
Styrene
Concen: 52.838 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion:104 Resp: 385279
Ion Ratio Lower Upper
104 100
78 51.5 39.2 58.8
103 55.8 43.7 65.5





#71

Bromoform

Concen: 53.330 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

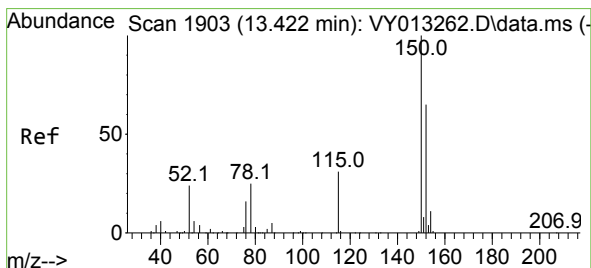
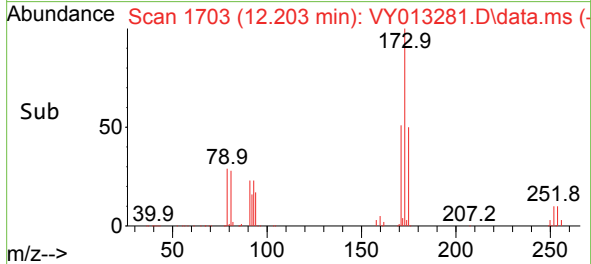
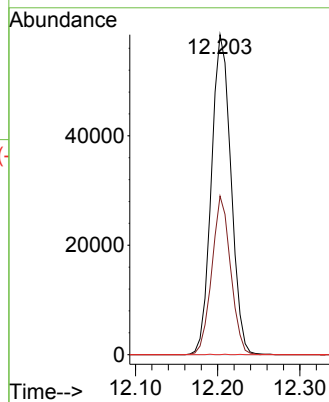
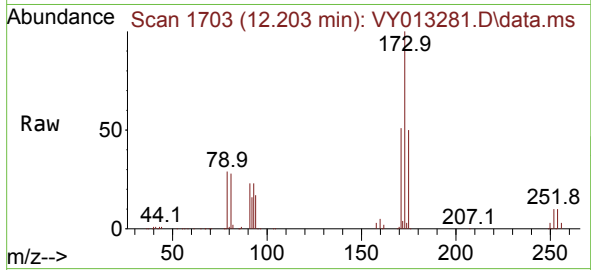
Tgt Ion:173 Resp: 96988

Ion Ratio Lower Upper

173 100

175 47.5 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

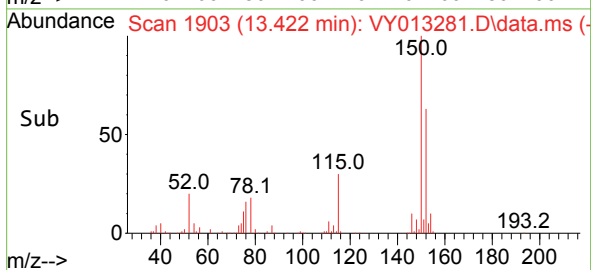
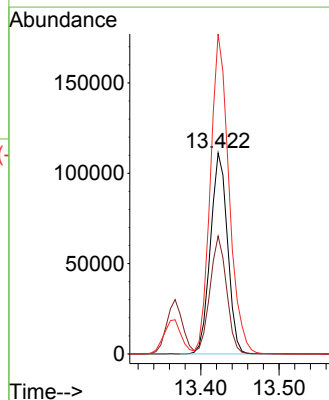
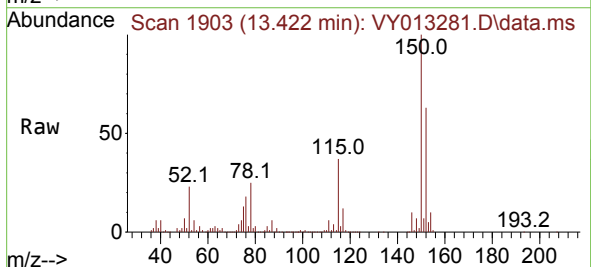
Tgt Ion:152 Resp: 168316

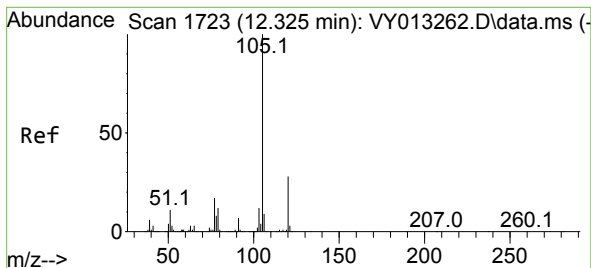
Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 173.2 0.0 347.8





#73

Isopropylbenzene

Concen: 50.592 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

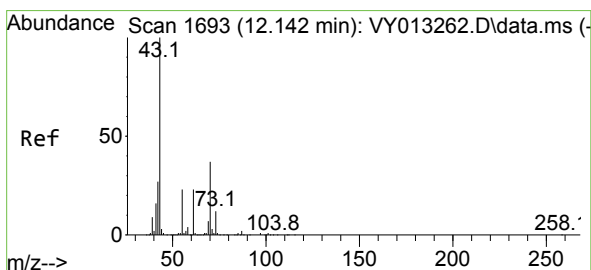
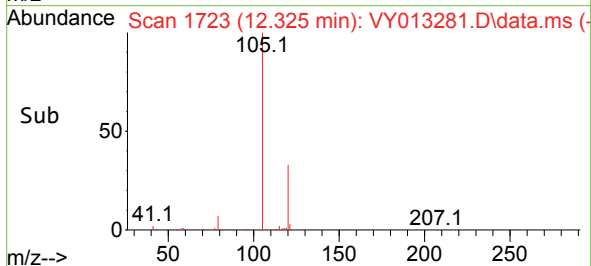
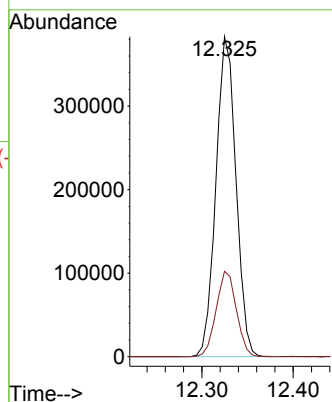
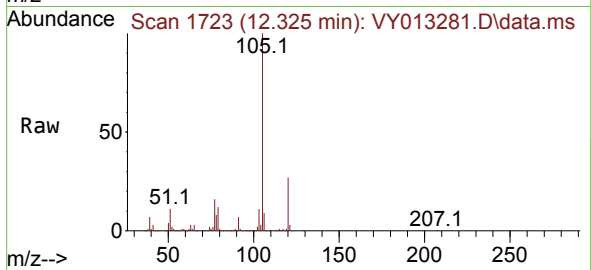
VSTDCCC050EC

Tgt Ion:105 Resp: 584100

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 54.704 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Tgt Ion: 43 Resp: 225326

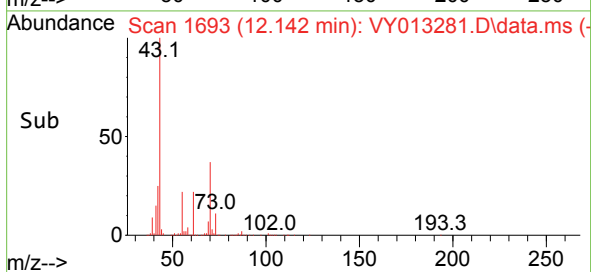
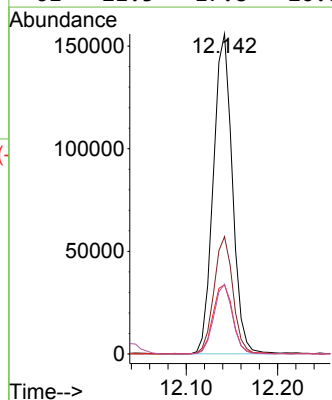
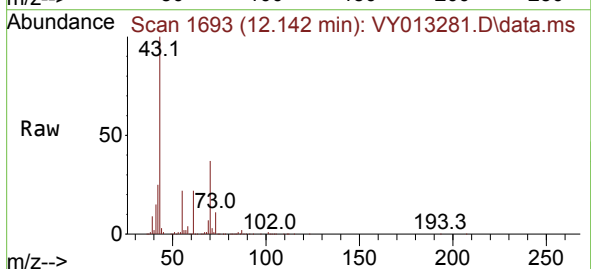
Ion Ratio Lower Upper

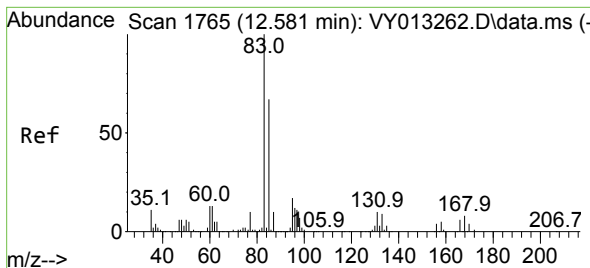
43 100

70 36.7 31.6 47.4

55 22.5 18.8 28.2

61 21.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.072 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

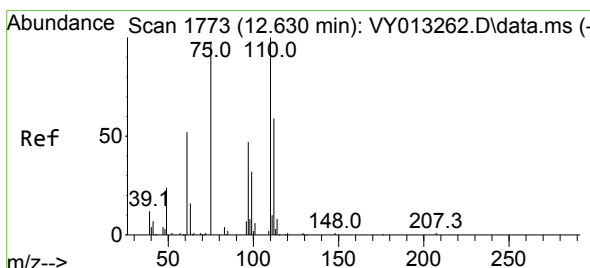
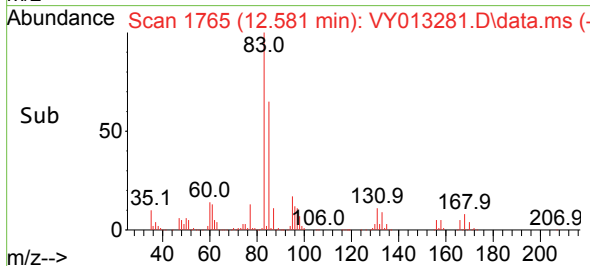
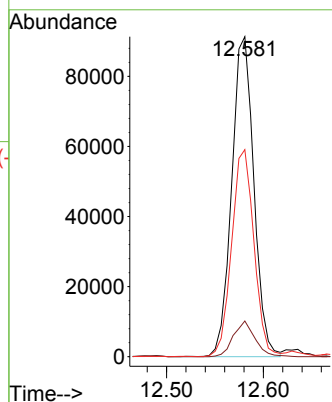
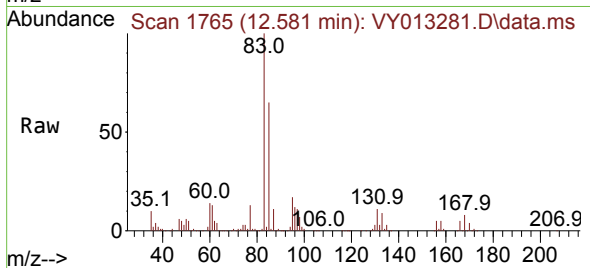
Tgt Ion: 83 Resp: 145663

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.2

85 65.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 91.550 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013281.D

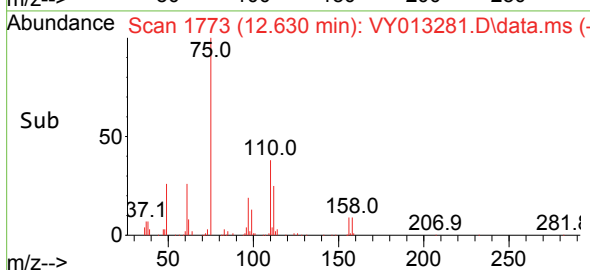
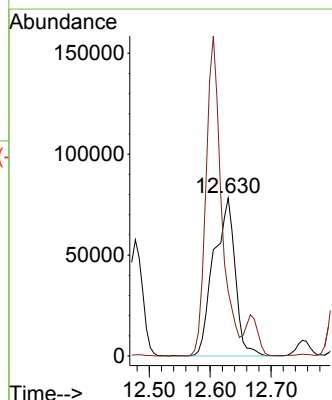
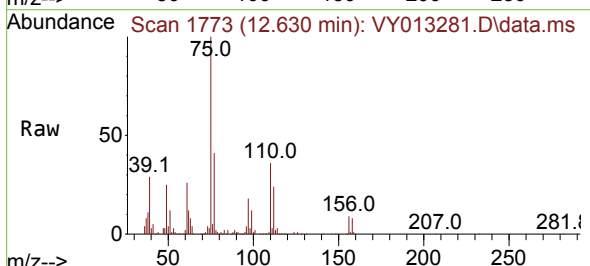
Acq: 12 Apr 2023 20:52

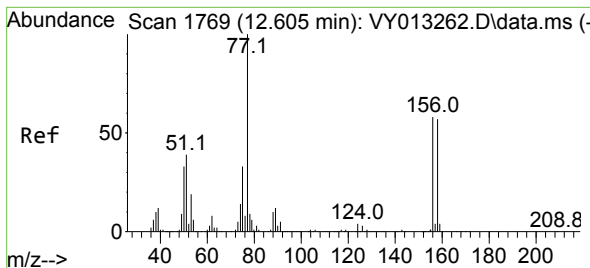
Tgt Ion: 75 Resp: 192011

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.703 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

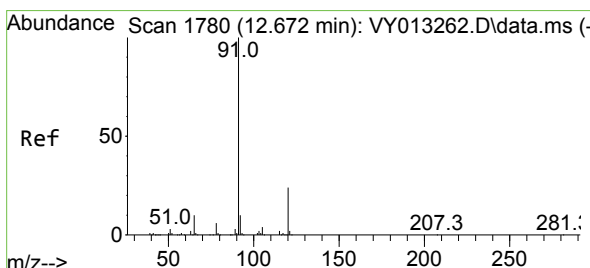
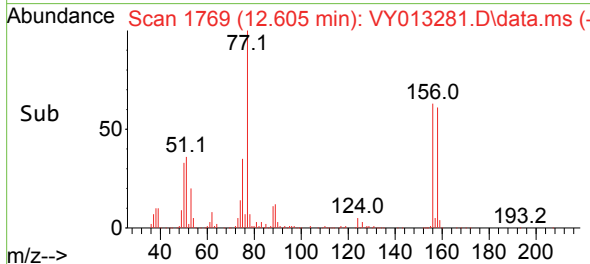
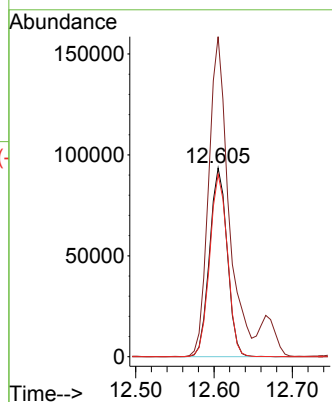
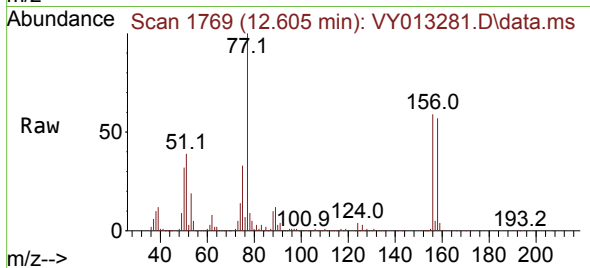
Tgt Ion:156 Resp: 146387

Ion Ratio Lower Upper

156 100

77 191.6 94.0 282.1

158 97.2 48.1 144.4



#78

n-propylbenzene

Concen: 50.718 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013281.D

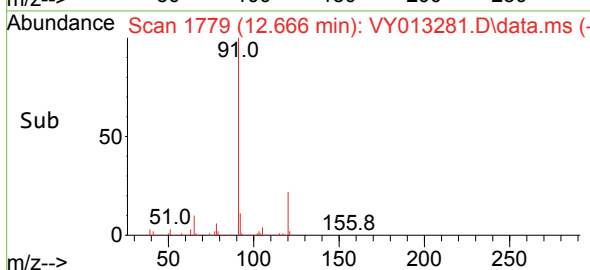
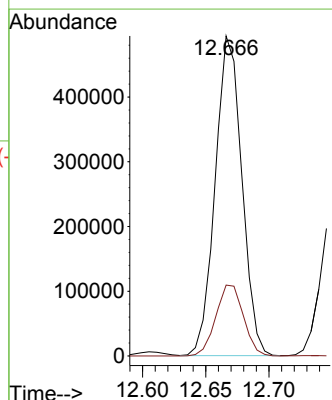
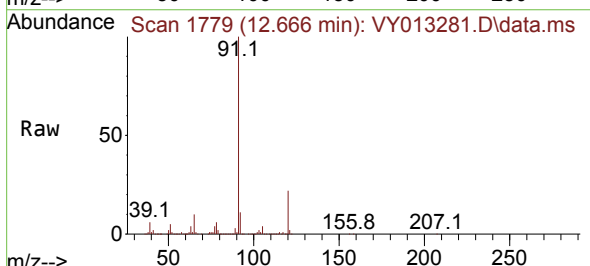
Acq: 12 Apr 2023 20:52

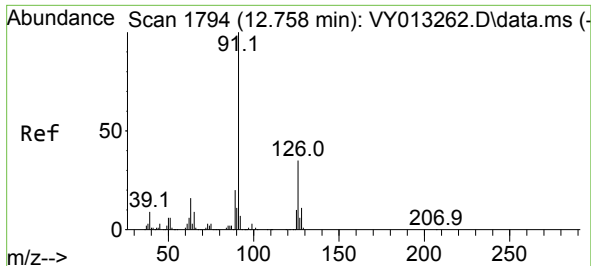
Tgt Ion: 91 Resp: 723192

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

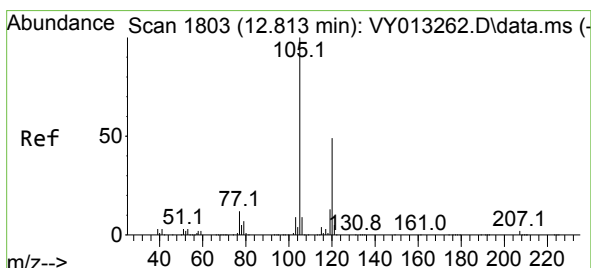
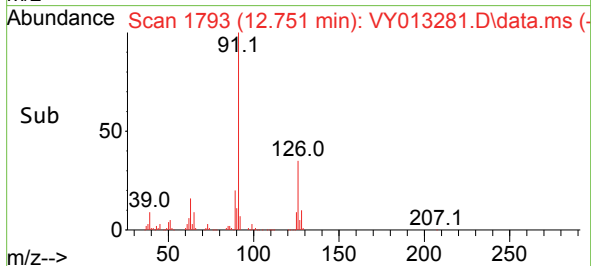
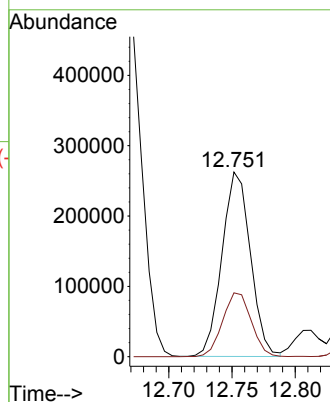
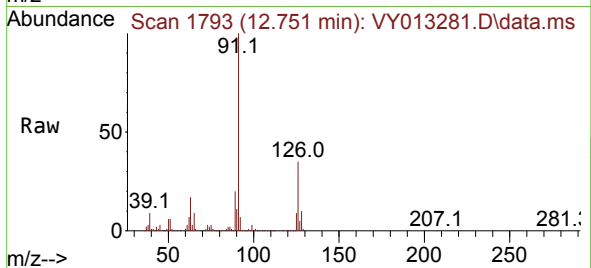




#79
2-Chlorotoluene
Concen: 51.231 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

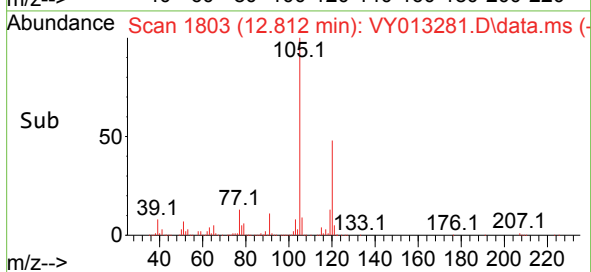
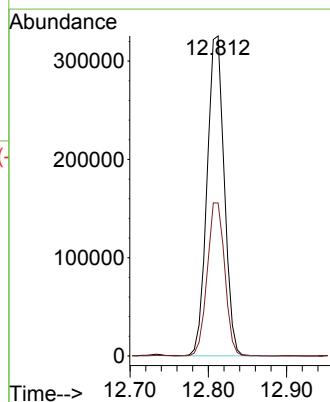
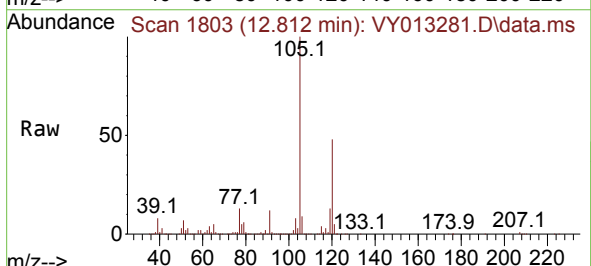
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

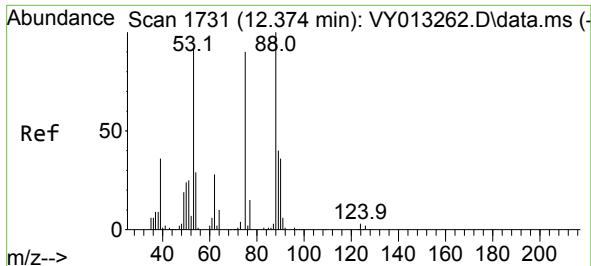
Tgt Ion: 91 Resp: 411196
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 51.148 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 105 Resp: 494636
Ion Ratio Lower Upper
105 100
120 48.8 24.8 74.4

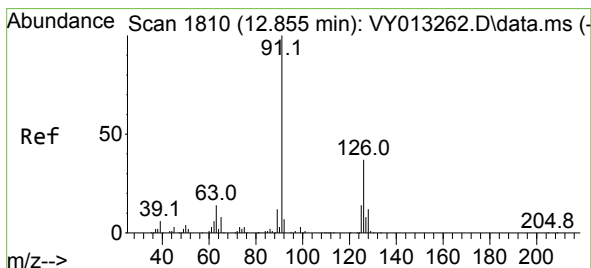
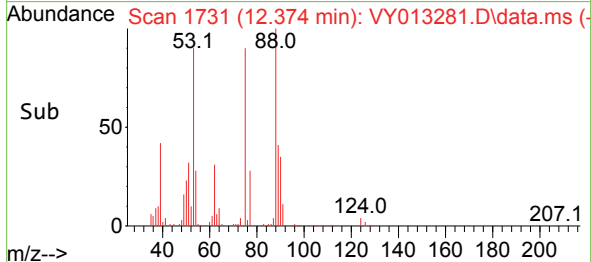
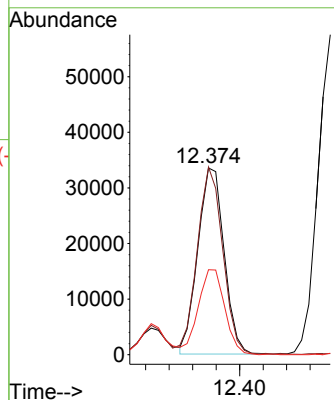
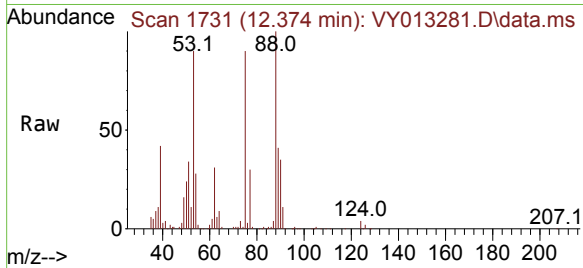




#81
trans-1,4-Dichloro-2-butene
Concen: 51.497 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

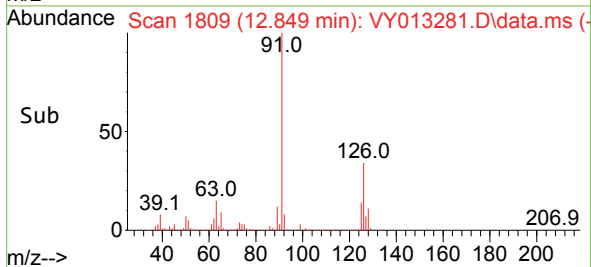
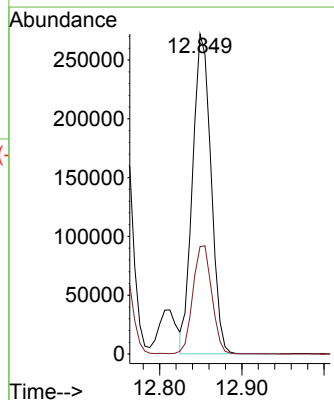
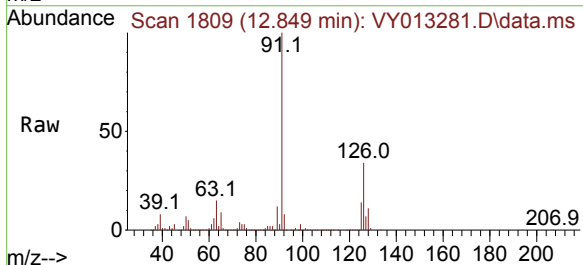
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

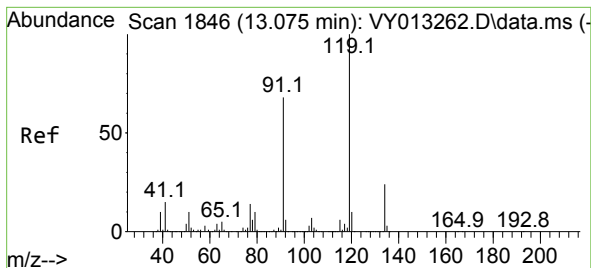
Tgt Ion: 75 Resp: 52039
Ion Ratio Lower Upper
75 100
53 98.5 73.4 110.0
89 45.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 49.938 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 91 Resp: 422559
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1





#83

tert-Butylbenzene

Concen: 52.074 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

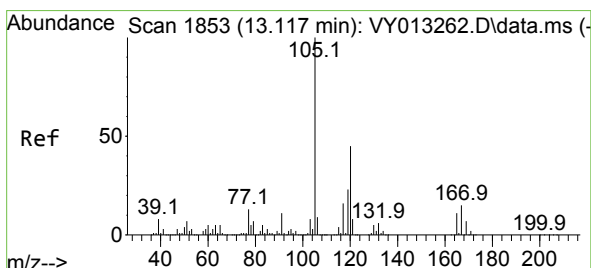
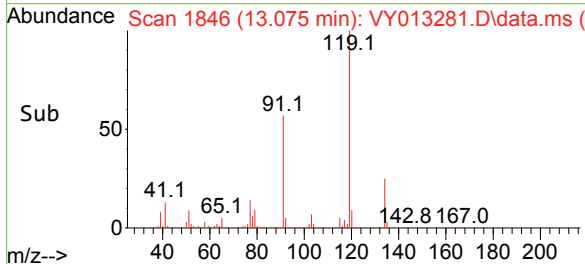
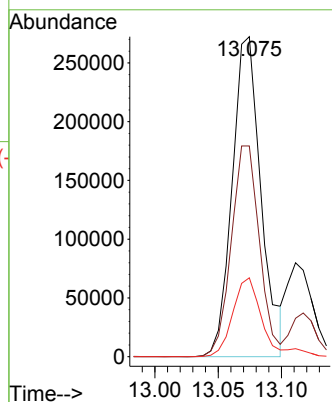
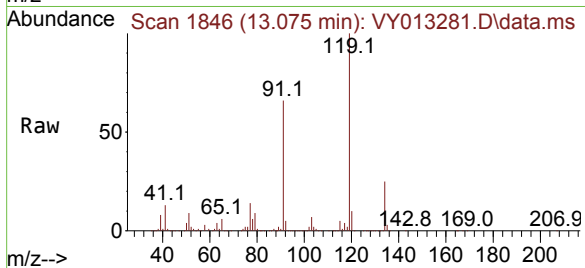
Tgt Ion:119 Resp: 432115

Ion Ratio Lower Upper

119 100

91 64.6 32.8 98.3

134 25.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.081 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013281.D

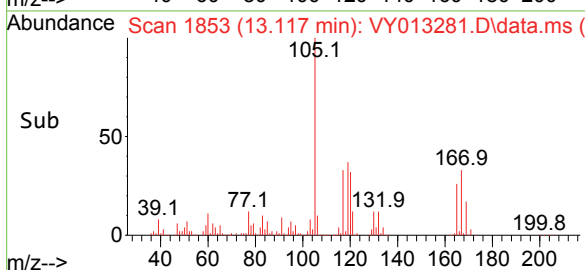
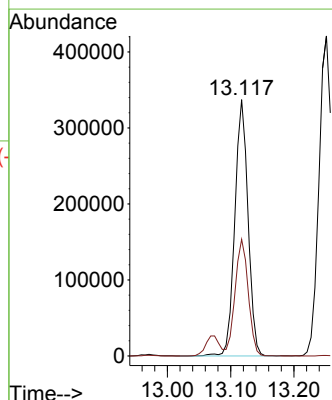
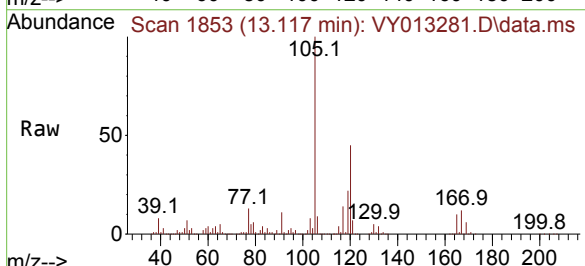
Acq: 12 Apr 2023 20:52

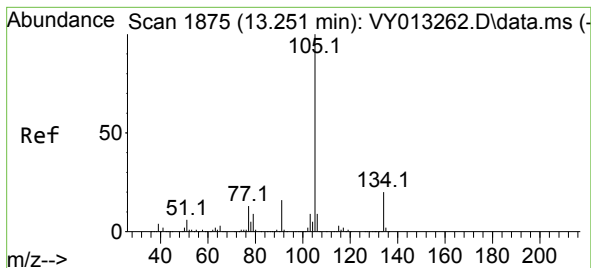
Tgt Ion:105 Resp: 490177

Ion Ratio Lower Upper

105 100

120 45.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.128 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

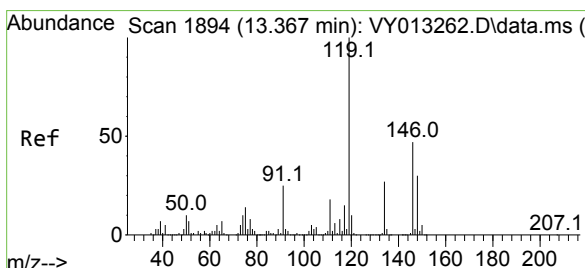
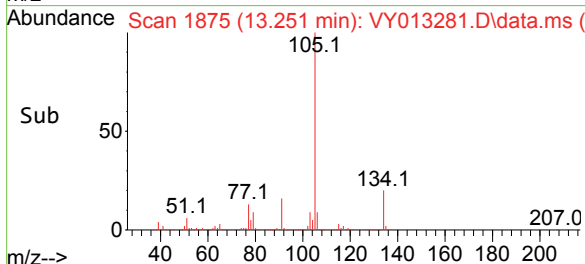
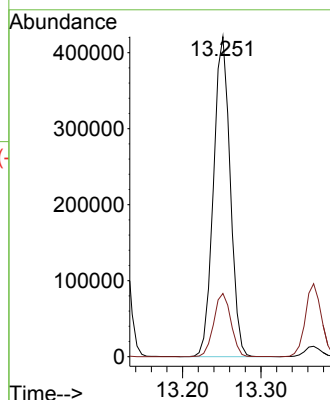
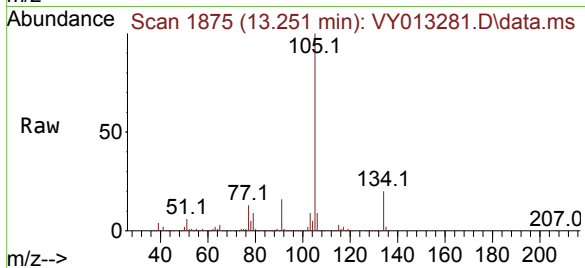
VSTDCCC050EC

Tgt Ion:105 Resp: 622051

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.019 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

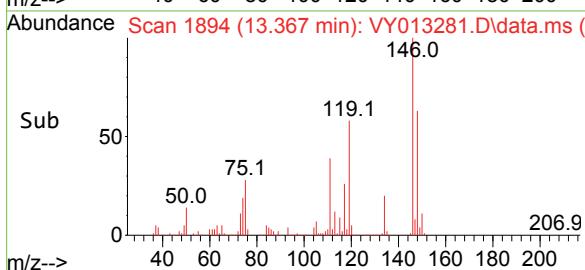
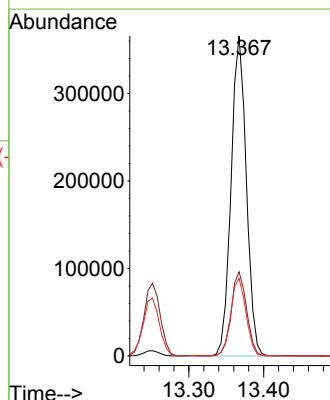
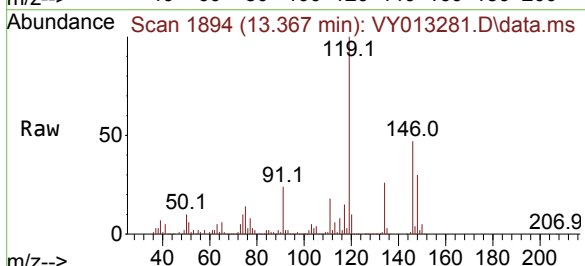
Tgt Ion:119 Resp: 519509

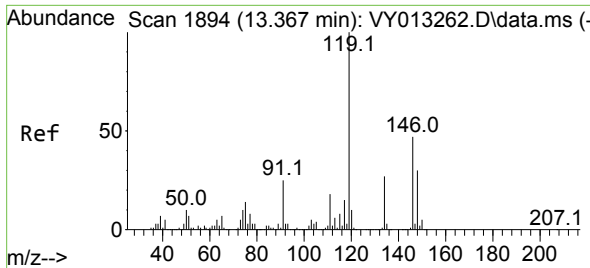
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 24.4 11.8 35.3

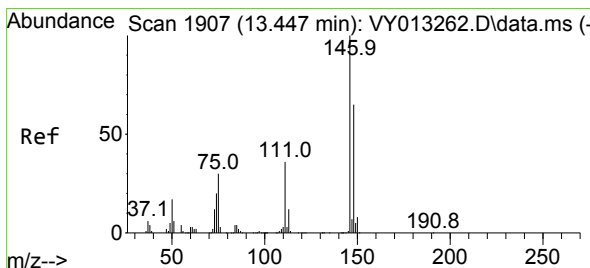
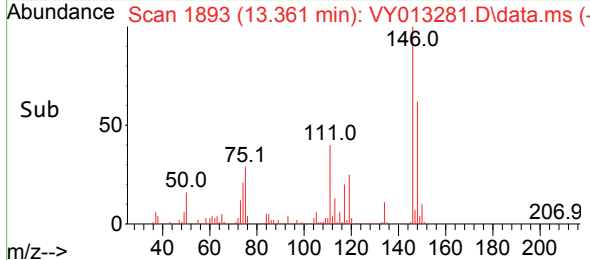
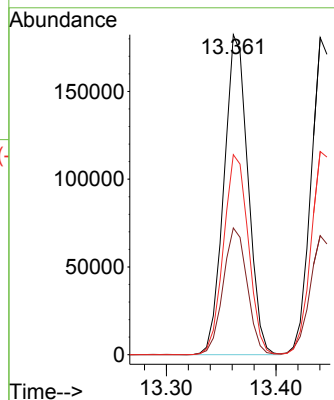
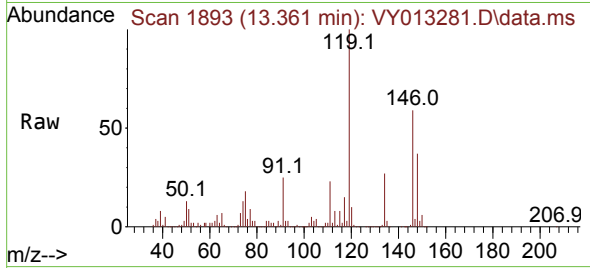




#87
1,3-Dichlorobenzene
Concen: 49.895 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

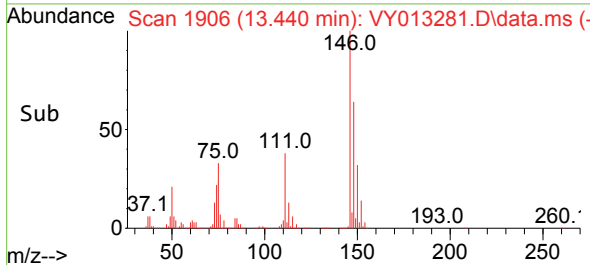
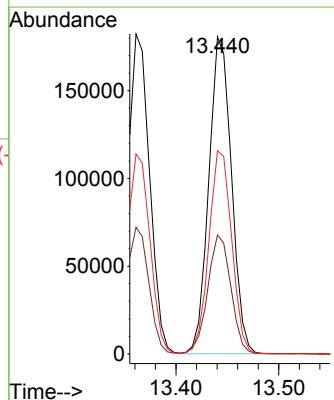
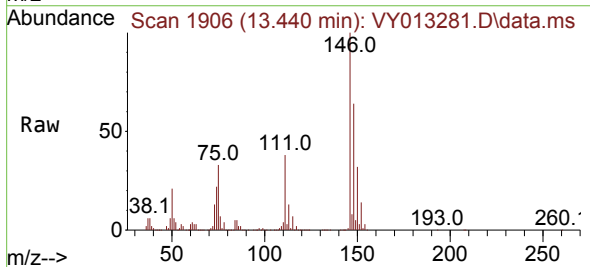
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

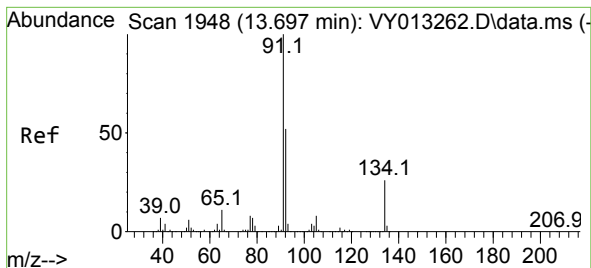
Tgt Ion:146 Resp: 277685
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.5
148 64.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 49.249 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion:146 Resp: 276984
Ion Ratio Lower Upper
146 100
111 38.2 18.6 55.8
148 64.9 31.5 94.5





#89

n-Butylbenzene

Concen: 49.587 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

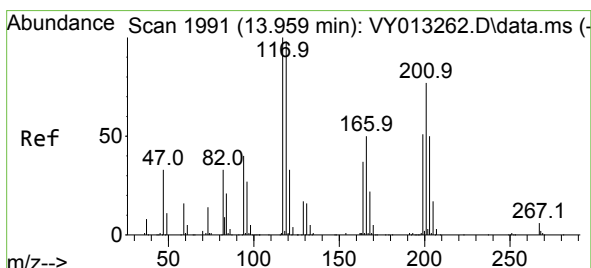
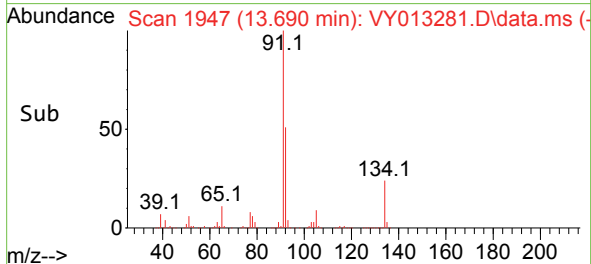
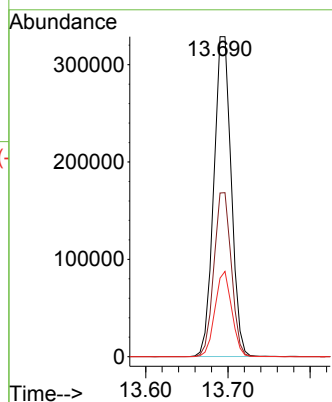
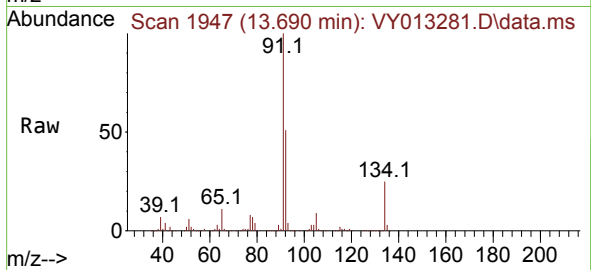
Tgt Ion: 91 Resp: 482942

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.0

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 49.143 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013281.D

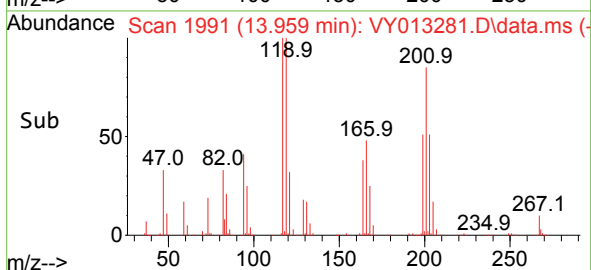
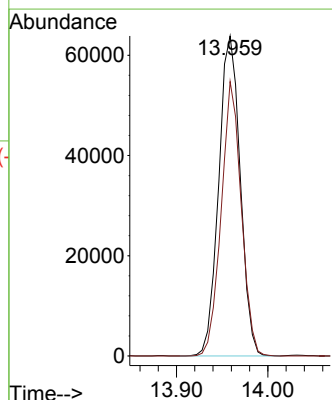
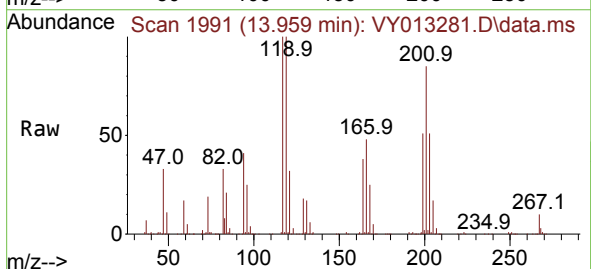
Acq: 12 Apr 2023 20:52

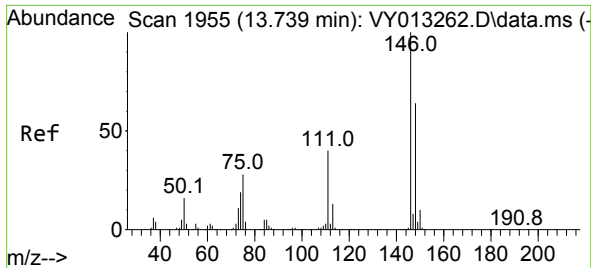
Tgt Ion: 117 Resp: 104339

Ion Ratio Lower Upper

117 100

201 80.0 39.4 118.1

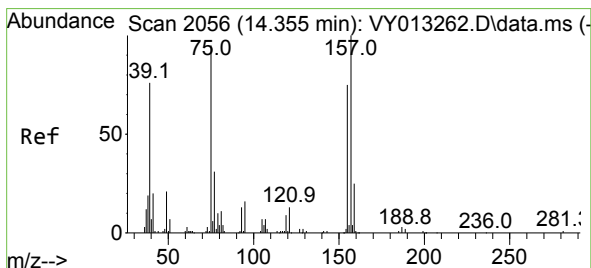
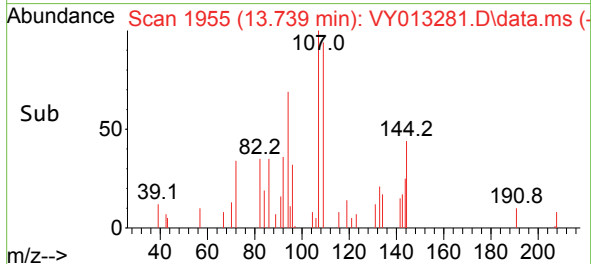
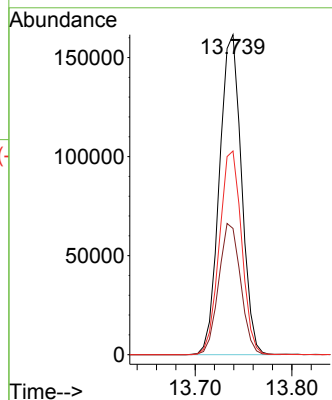
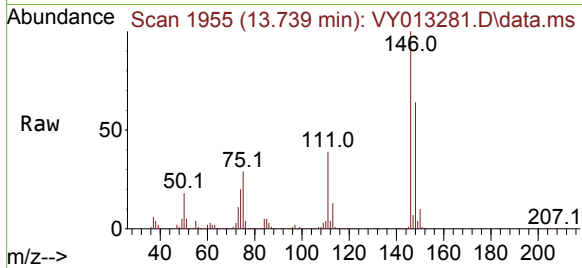




#91
1,2-Dichlorobenzene
Concen: 50.459 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

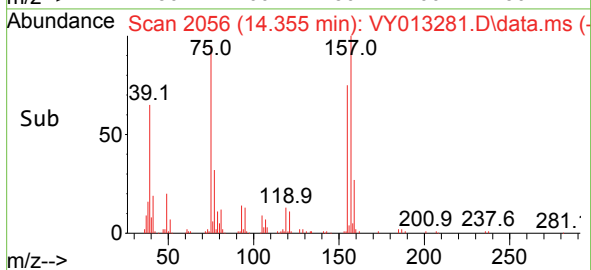
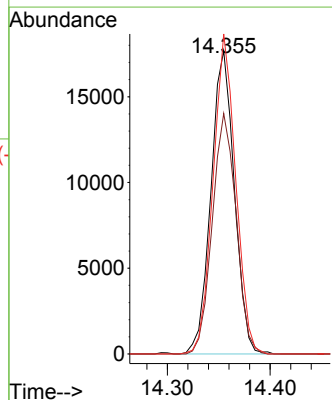
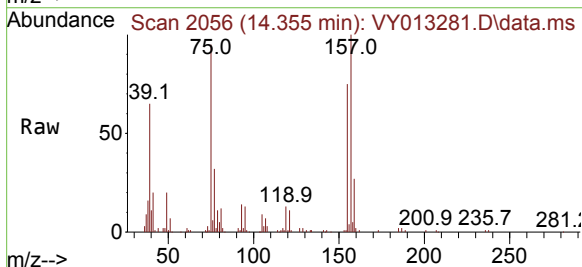
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

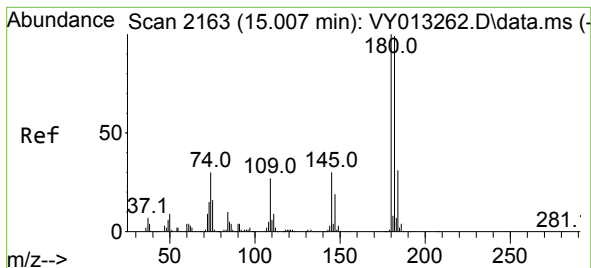
Tgt Ion:146 Resp: 255542
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.1
148 64.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.891 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013281.D
Acq: 12 Apr 2023 20:52

Tgt Ion: 75 Resp: 27912
Ion Ratio Lower Upper
75 100
155 80.6 43.8 131.4
157 102.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 51.895 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

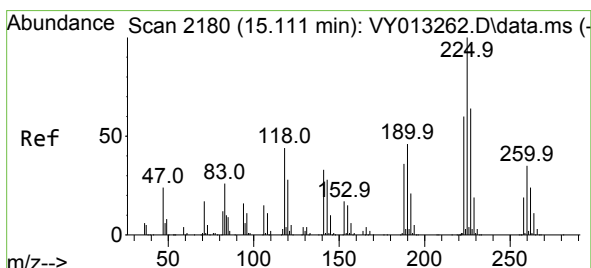
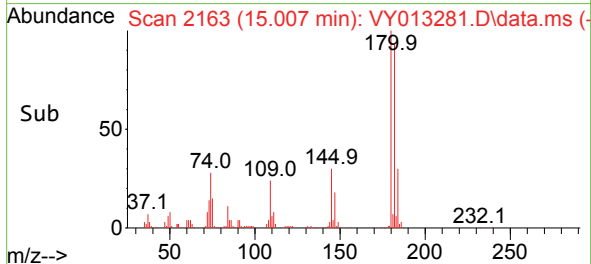
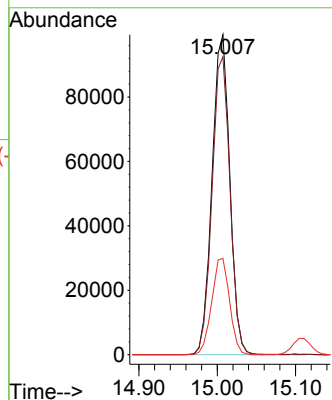
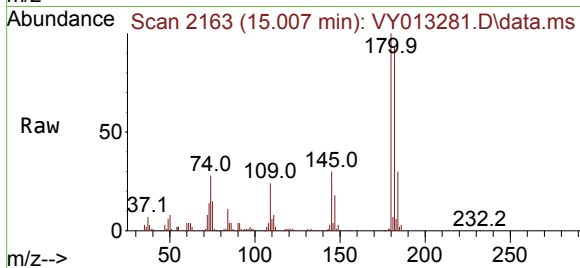
Tgt Ion:180 Resp: 156201

Ion Ratio Lower Upper

180 100

182 94.2 46.7 140.1

145 30.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.878 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

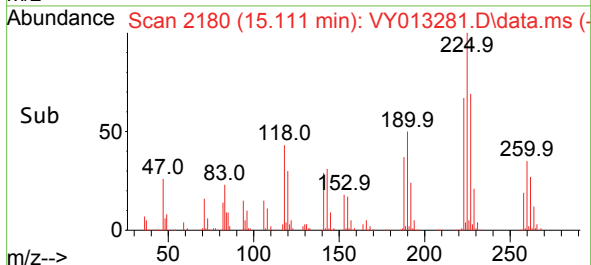
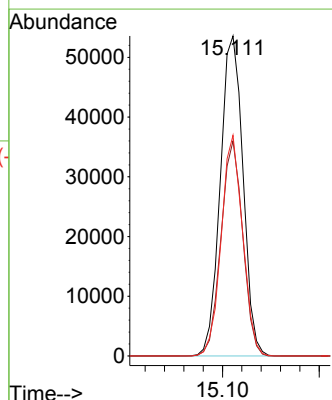
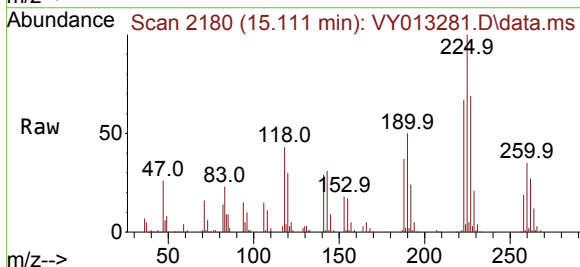
Tgt Ion:225 Resp: 87116

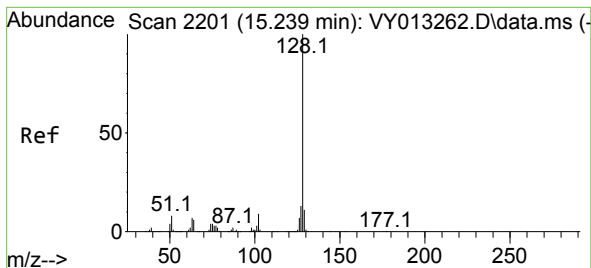
Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.3

227 65.0 32.4 97.0





#95

Naphthalene

Concen: 50.630 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

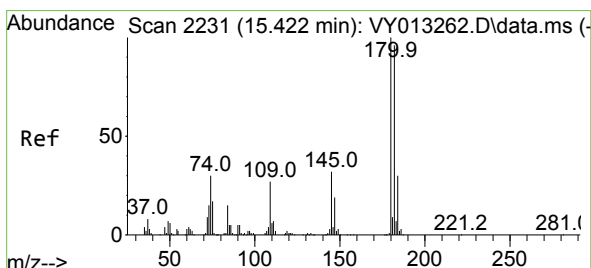
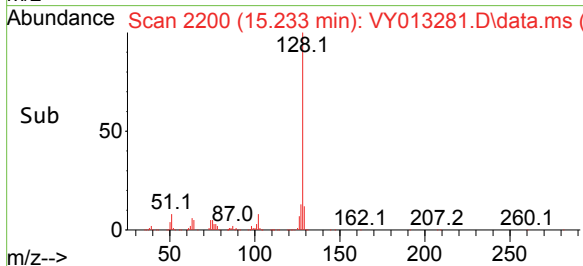
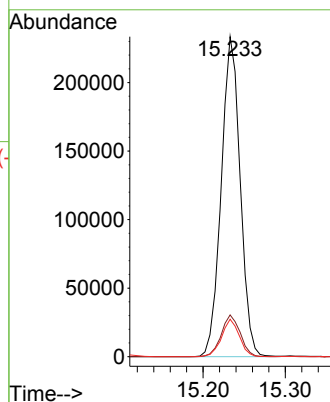
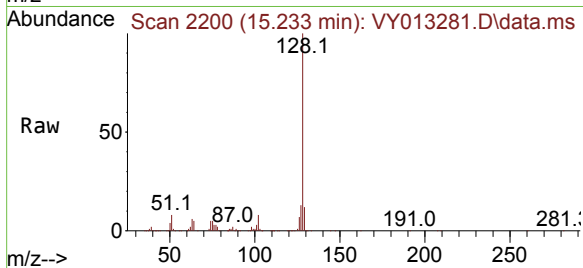
Tgt Ion:128 Resp: 373995

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.570 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013281.D

Acq: 12 Apr 2023 20:52

Tgt Ion:180 Resp: 144157

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 31.7 15.3 45.8

