

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015261.D
 Acq On : 22 Aug 2023 21:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 23 02:48:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97143	55.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.060%	
35) Dibromofluoromethane	7.722	113	85220	54.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.840%	
50) Toluene-d8	10.179	98	304370	52.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.483	95	110493	51.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28384	44.516	ug/l	98
3) Chloromethane	2.113	50	44915	51.232	ug/l	96
4) Vinyl Chloride	2.247	62	54182	46.298	ug/l	95
5) Bromomethane	2.643	94	47798	59.968	ug/l	98
6) Chloroethane	2.790	64	43135	50.768	ug/l	97
7) Trichlorofluoromethane	3.119	101	94639	47.993	ug/l	97
8) Diethyl Ether	3.527	74	39357	50.891	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	59369	48.443	ug/l	96
10) Methyl Iodide	4.088	142	51803	43.047	ug/l	100
11) Tert butyl alcohol	4.960	59	69137	237.024	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	48059	46.962	ug/l	93
13) Acrolein	3.729	56	21200	172.428	ug/l	99
14) Allyl chloride	4.479	41	88807	48.946	ug/l	98
15) Acrylonitrile	5.161	53	146628	279.774	ug/l	99
16) Acetone	3.948	43	127725	221.462	ug/l	95
17) Carbon Disulfide	4.192	76	79577	44.185	ug/l	97
18) Methyl Acetate	4.479	43	120262	56.902	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	228083	52.417	ug/l	99
20) Methylene Chloride	4.710	84	82694	60.728	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	57183	49.538	ug/l	96
22) Diisopropyl ether	6.118	45	240518	53.125	ug/l	92
23) Vinyl Acetate	6.064	43	694845	257.211	ug/l	95
24) 1,1-Dichloroethane	6.015	63	129042	52.647	ug/l	98
25) 2-Butanone	6.984	43	213672	261.661	ug/l	99
26) 2,2-Dichloropropane	6.984	77	103611	43.849	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	82126	52.083	ug/l	94
28) Bromochloromethane	7.332	49	61518	54.629	ug/l	96
29) Tetrahydrofuran	7.350	42	133408	273.220	ug/l	93
30) Chloroform	7.508	83	144293	52.514	ug/l	95
31) Cyclohexane	7.789	56	79425	50.387	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	119163	50.964	ug/l	99
36) 1,1-Dichloropropene	7.923	75	86244	49.777	ug/l	99
37) Ethyl Acetate	7.076	43	84608	52.389	ug/l	96
38) Carbon Tetrachloride	7.905	117	101050	49.280	ug/l	99
39) Methylcyclohexane	9.185	83	91773	47.250	ug/l	93
40) Benzene	8.161	78	269998	51.544	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	123063	147.776	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	100045	52.589	ug/l	96
43) Isopropyl Acetate	8.277	43	153292	52.123	ug/l	98
44) Trichloroethene	8.941	130	77401	51.289	ug/l	98
45) 1,2-Dichloropropane	9.215	63	78979	53.469	ug/l	99
46) Dibromomethane	9.307	93	49834	53.492	ug/l	96
47) Bromodichloromethane	9.496	83	118514	53.311	ug/l	99
48) Methyl methacrylate	9.295	41	67806	53.896	ug/l	93
49) 1,4-Dioxane	9.301	88	19744	1059.844	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	474215	278.218	ug/l	94
52) Toluene	10.246	92	175700	50.889	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	114981	49.215	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	124809	50.725	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	76348	53.898	ug/l	95
56) Ethyl methacrylate	10.514	69	107213	51.716	ug/l	92
57) 1,3-Dichloropropane	10.788	76	122888	53.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	254291	263.577	ug/l	94
59) 2-Hexanone	10.831	43	342140	271.218	ug/l	94
60) Dibromochloromethane	10.983	129	89144	52.756	ug/l	99
61) 1,2-Dibromoethane	11.087	107	69993	52.013	ug/l	99
64) Tetrachloroethene	10.721	164	85465	54.641	ug/l	98
65) Chlorobenzene	11.514	112	206231	50.417	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	85943	51.781	ug/l	99
67) Ethyl Benzene	11.593	91	354625	49.481	ug/l	100
68) m/p-Xylenes	11.703	106	269714	99.086	ug/l	95
69) o-Xylene	12.032	106	135558	49.991	ug/l	99
70) Styrene	12.044	104	241098	51.372	ug/l	97
71) Bromoform	12.209	173	60834	50.561	ug/l #	100
73) Isopropylbenzene	12.331	105	366760	49.077	ug/l	100
74) N-amyl acetate	12.142	43	134167	49.725	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	100617	51.695	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	129380	91.631	ug/l #	100
77) Bromobenzene	12.611	156	90294	49.568	ug/l	95
78) n-propylbenzene	12.672	91	437384	49.286	ug/l	100
79) 2-Chlorotoluene	12.758	91	253356	49.489	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	308897	49.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	30242	47.045	ug/l	99
82) 4-Chlorotoluene	12.855	91	265245	50.150	ug/l	100
83) tert-Butylbenzene	13.075	119	280097	49.158	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	309246	49.680	ug/l	99
85) sec-Butylbenzene	13.251	105	414787	49.683	ug/l	100
86) p-Isopropyltoluene	13.367	119	343652	49.648	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	181267	50.170	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	182077	50.243	ug/l	99
89) n-Butylbenzene	13.696	91	320106	49.049	ug/l	97
90) Hexachloroethane	13.959	117	67325	49.029	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	172909	51.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19615	52.023	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	107503	49.611	ug/l	99
94) Hexachlorobutadiene	15.111	225	57335	48.643	ug/l	97
95) Naphthalene	15.239	128	275254	50.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	98954	50.565	ug/l	99

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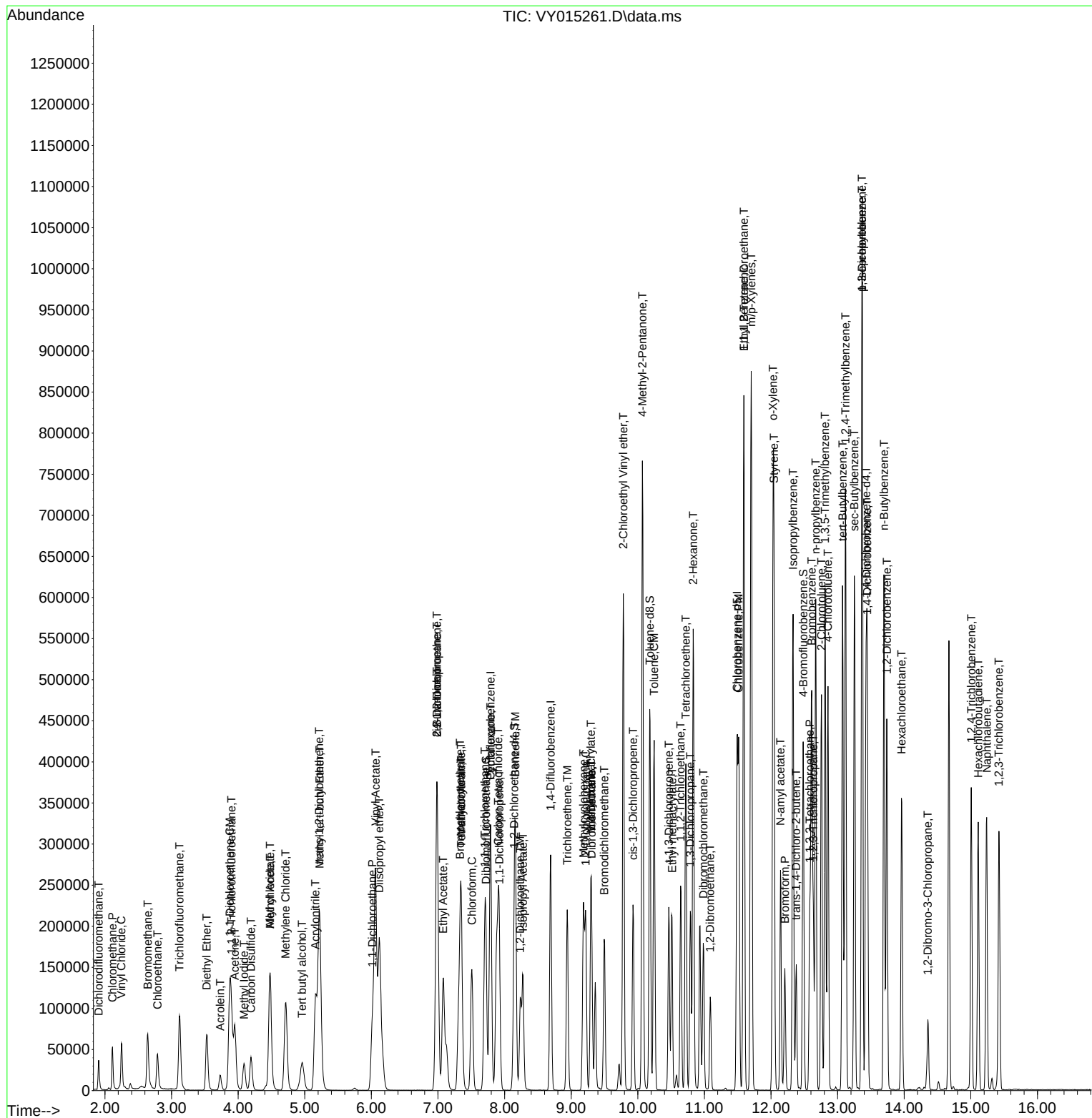
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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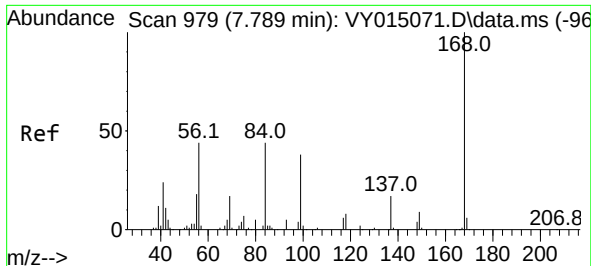
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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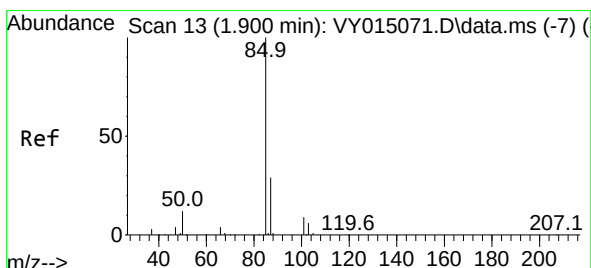
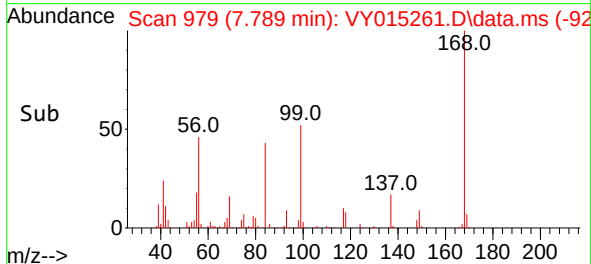
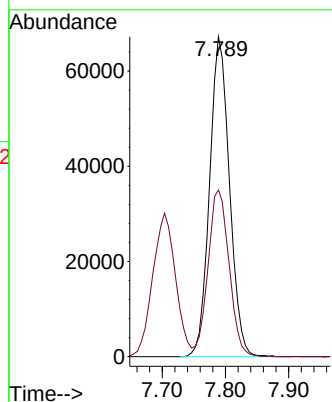
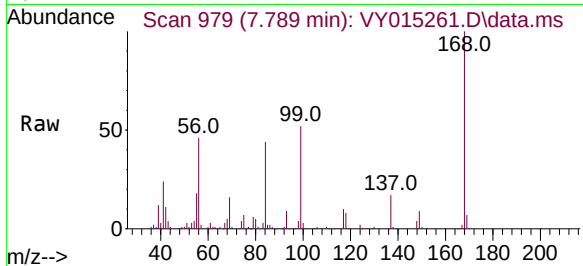




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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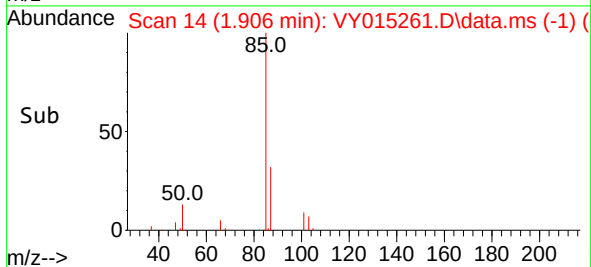
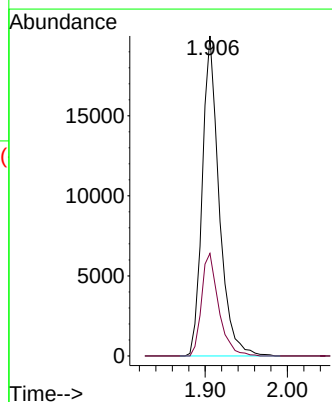
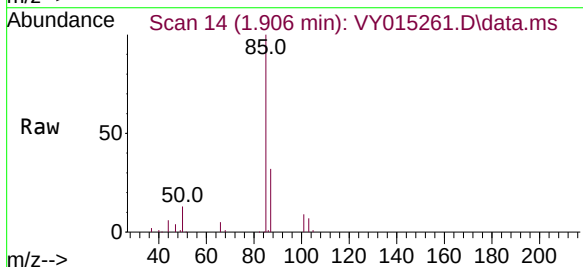
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

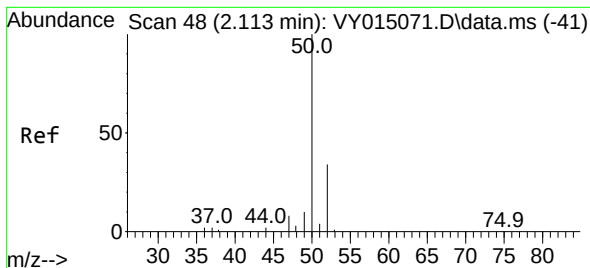
Tgt Ion:168 Resp: 147069
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.516 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 85 Resp: 28384
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8





#3

Chloromethane

Concen: 51.232 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

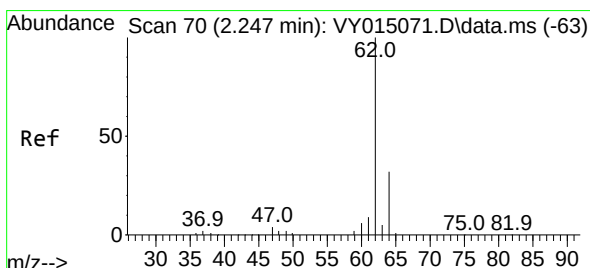
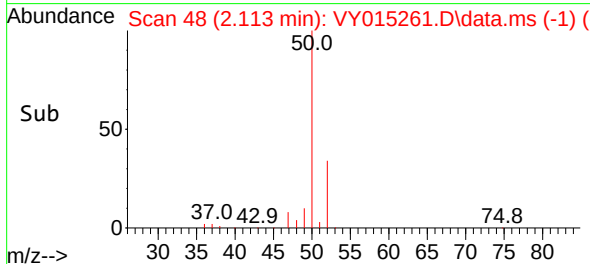
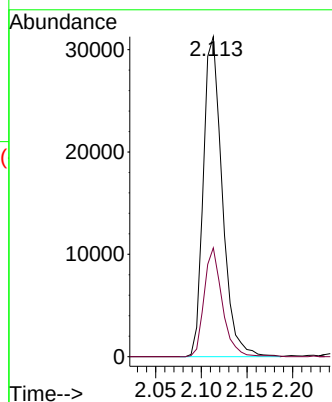
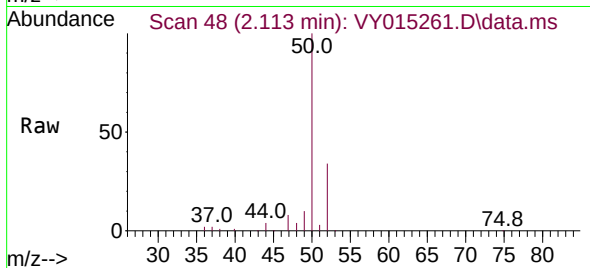
VSTDCCC050

Tgt Ion: 50 Resp: 44915

Ion Ratio Lower Upper

50 100

52 34.0 25.4 38.2



#4

Vinyl Chloride

Concen: 46.298 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015261.D

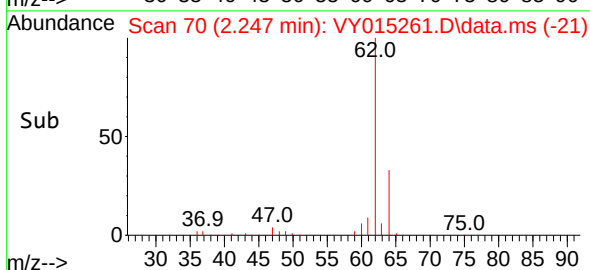
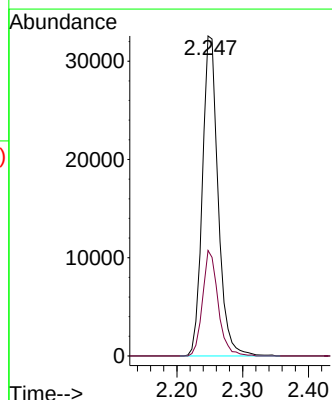
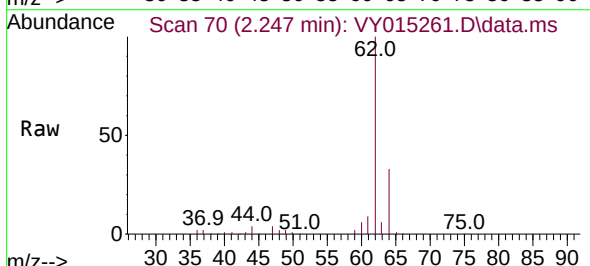
Acq: 22 Aug 2023 21:54

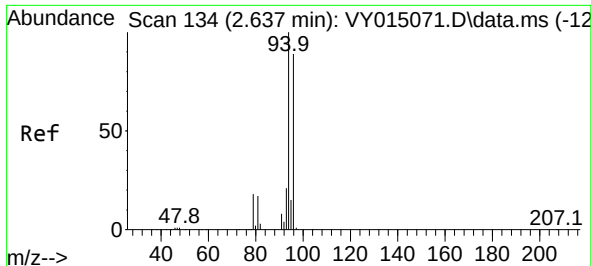
Tgt Ion: 62 Resp: 54182

Ion Ratio Lower Upper

62 100

64 33.0 24.3 36.5

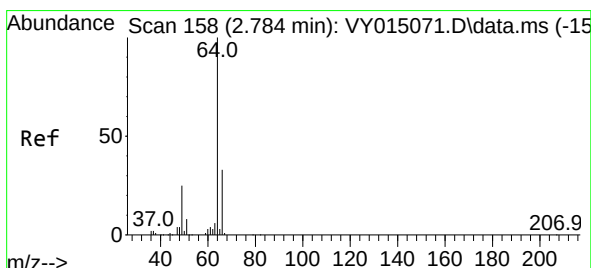
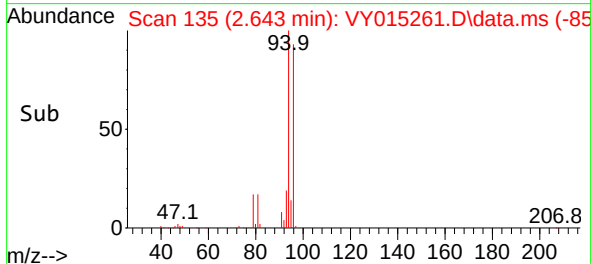
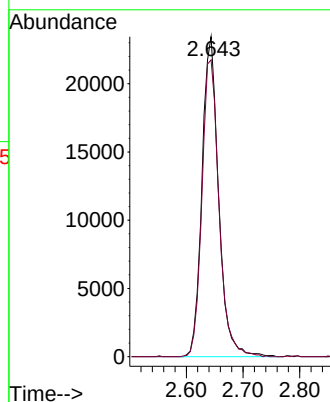
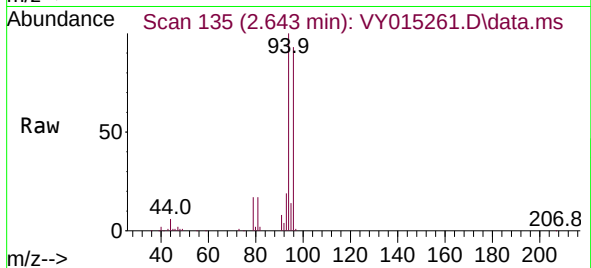




#5
Bromomethane
Concen: 59.968 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015261.D
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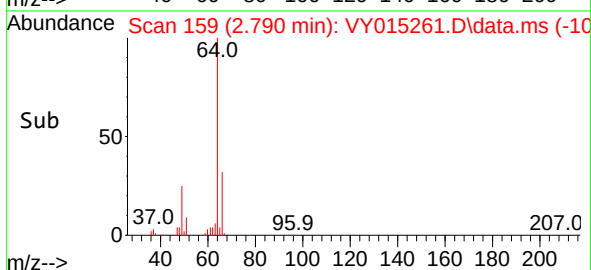
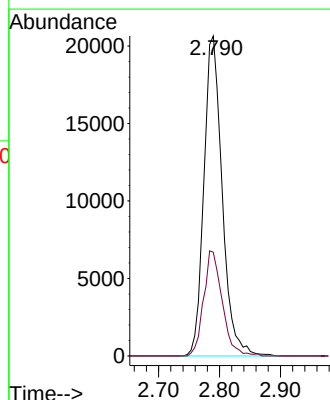
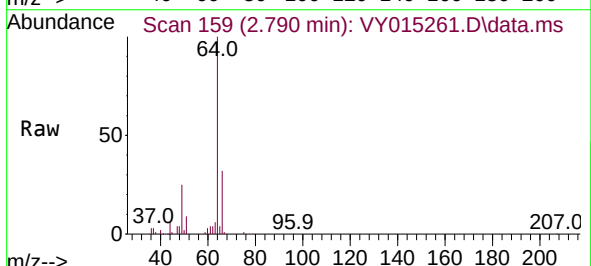
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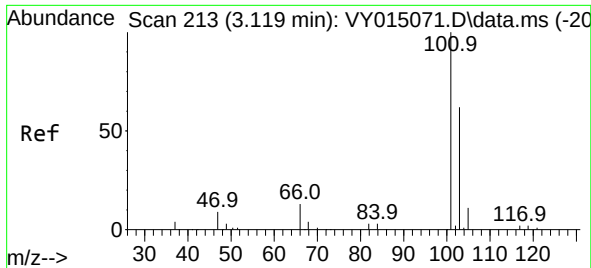
Tgt Ion: 94 Resp: 47798
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.6



#6
Chloroethane
Concen: 50.768 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 64 Resp: 43135
Ion Ratio Lower Upper
64 100
66 32.4 24.4 36.6

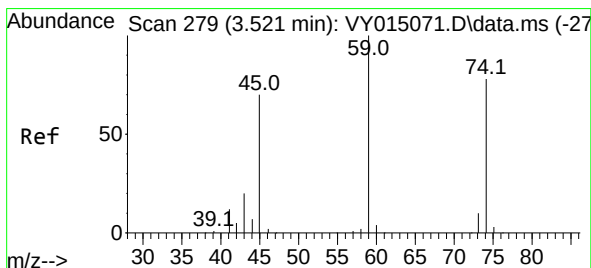
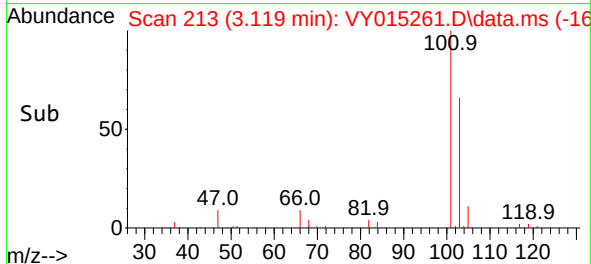
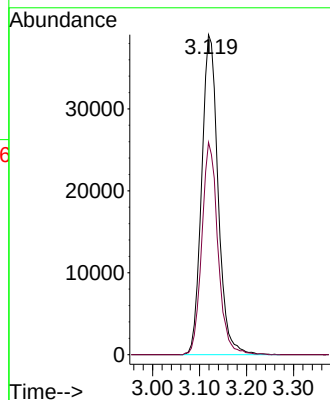
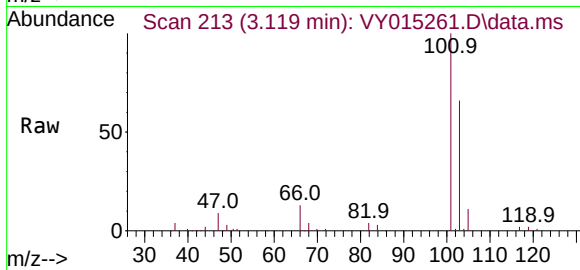




#7
 Trichlorofluoromethane
 Concen: 47.993 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015261.D
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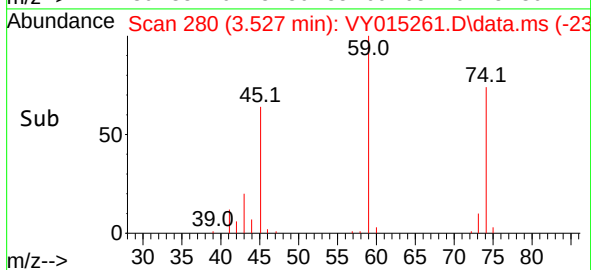
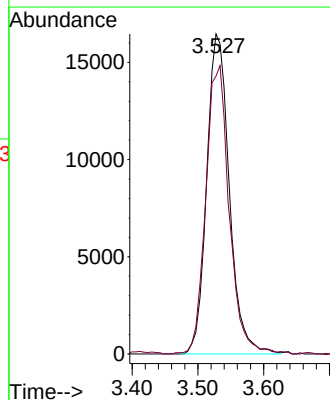
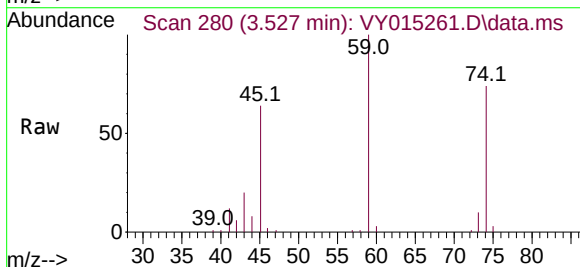
Instrument :
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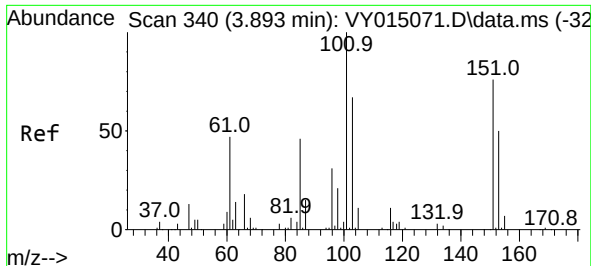
Tgt Ion:101 Resp: 94639
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.891 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 39357
 Ion Ratio Lower Upper
 74 100
 45 93.5 51.5 154.5

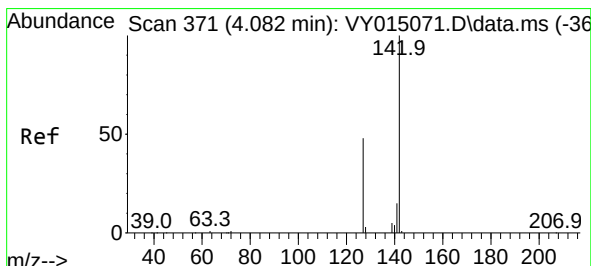
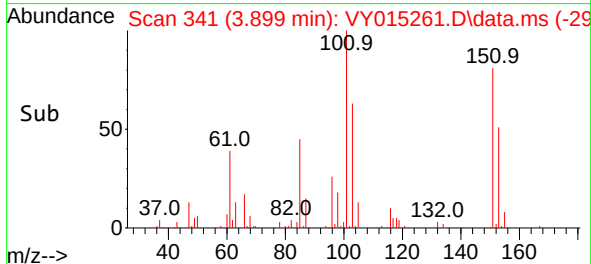
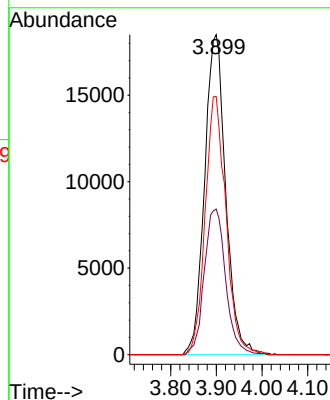
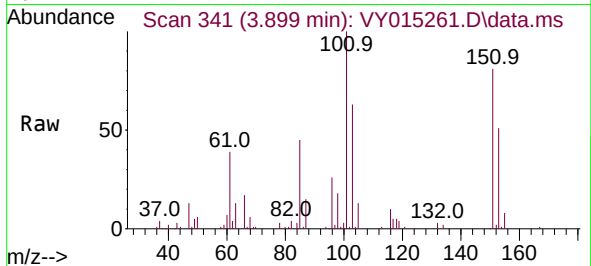




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.443 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

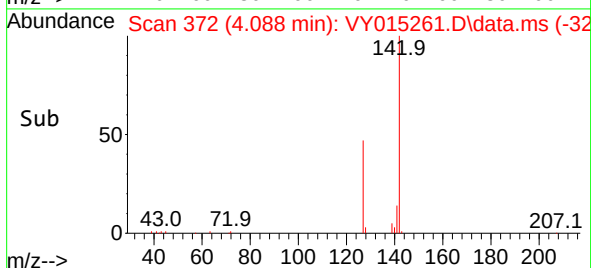
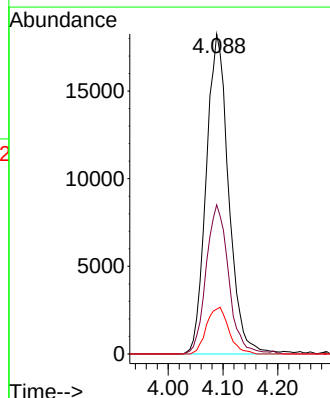
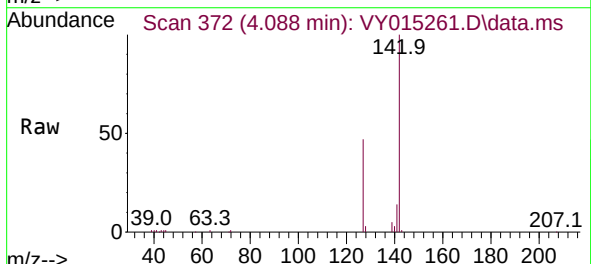
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

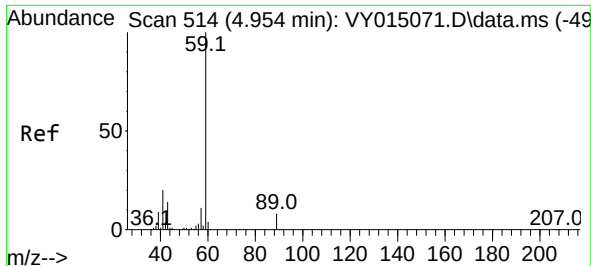
Tgt Ion:101 Resp: 59369
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 43.047 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:142 Resp: 51803
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.5 11.8 17.8

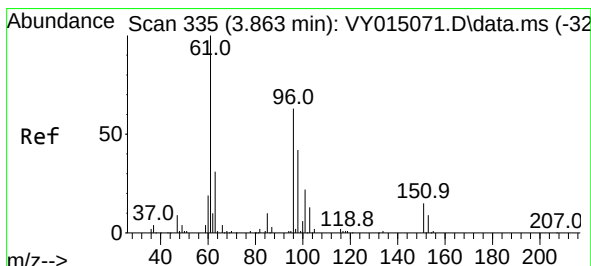
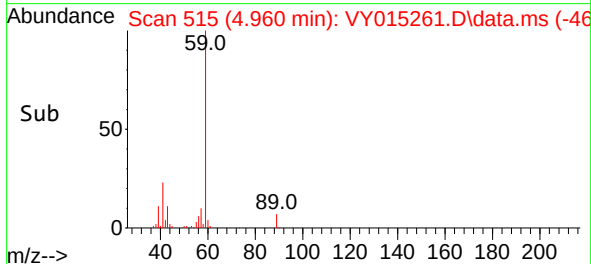
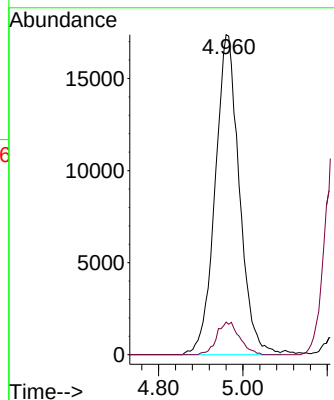
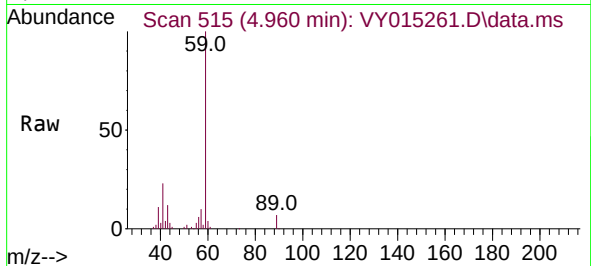




#11
Tert butyl alcohol
Concen: 237.024 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

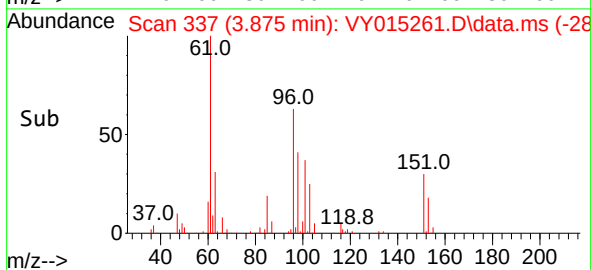
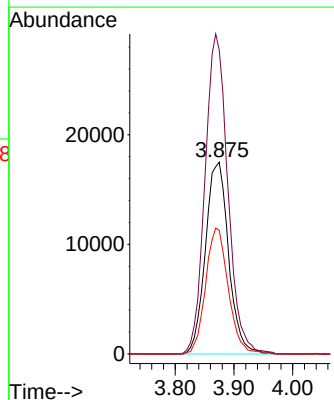
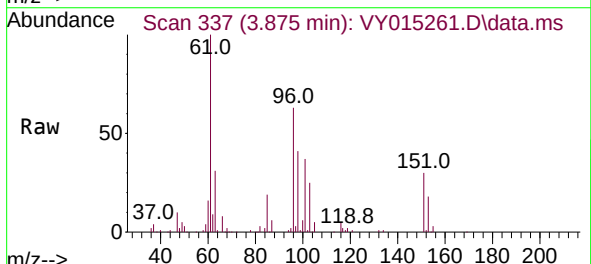
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

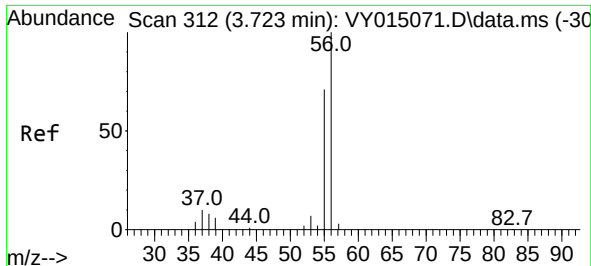
Tgt Ion: 59 Resp: 69137
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.962 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 96 Resp: 48059
Ion Ratio Lower Upper
96 100
61 158.4 136.4 204.6
98 64.5 49.4 74.2

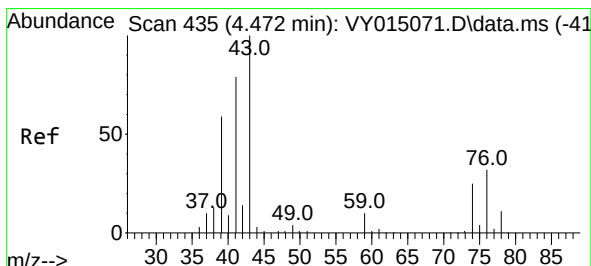
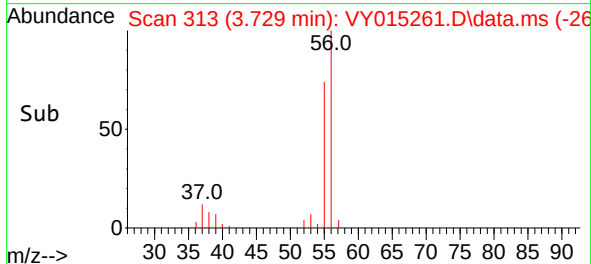
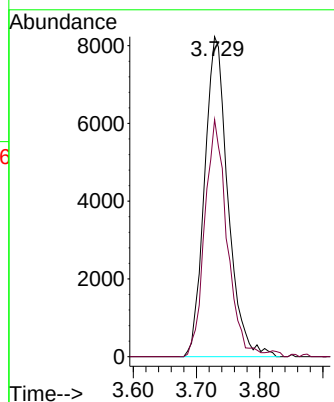
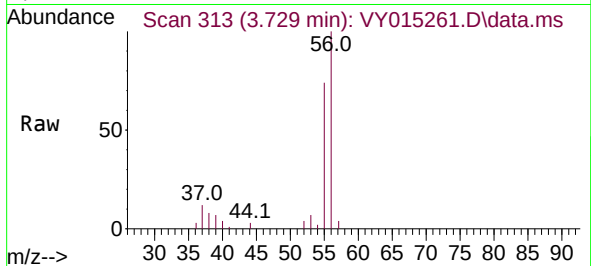




#13
Acrolein
Concen: 172.428 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

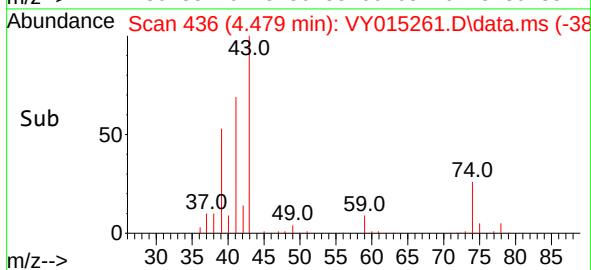
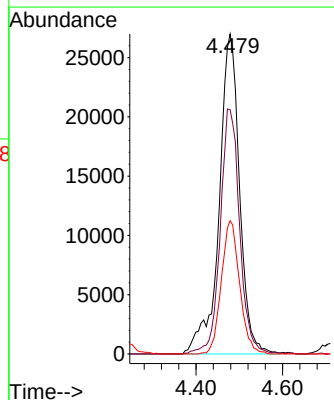
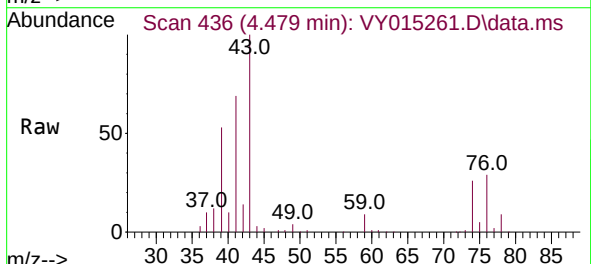
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

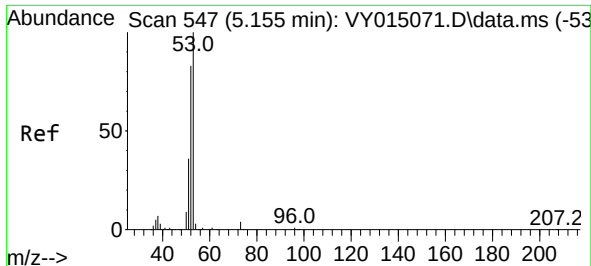
Tgt Ion: 56 Resp: 21200
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4



#14
Allyl chloride
Concen: 48.946 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 41 Resp: 88807
Ion Ratio Lower Upper
41 100
39 72.4 58.0 87.0
76 37.2 27.4 41.2

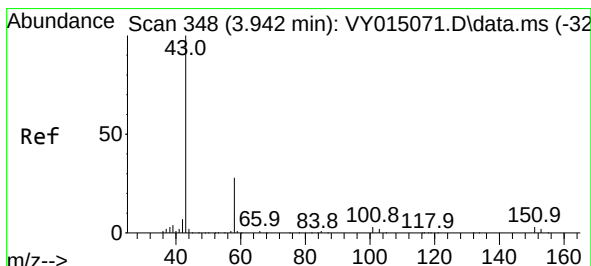
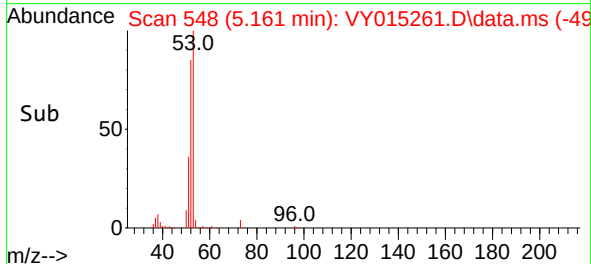
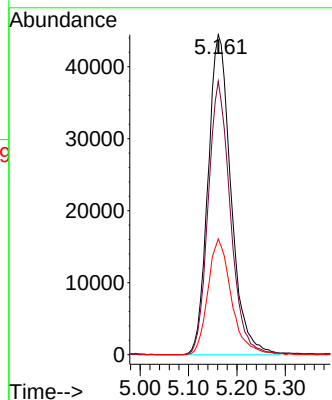
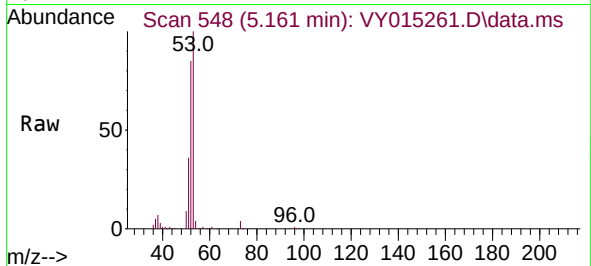




#15
Acrylonitrile
Concen: 279.774 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

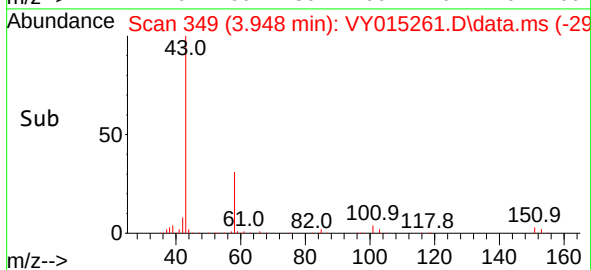
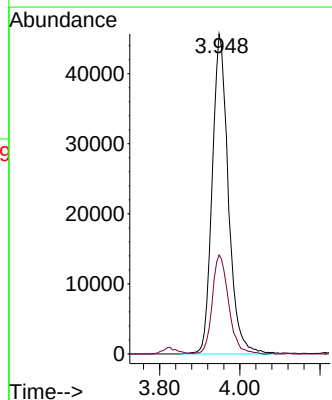
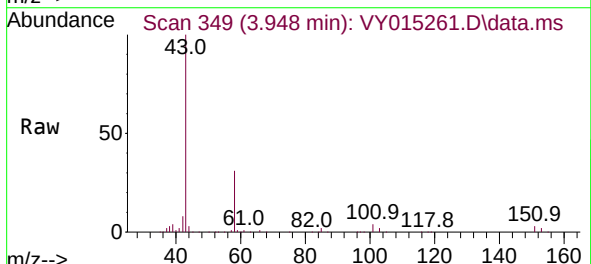
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

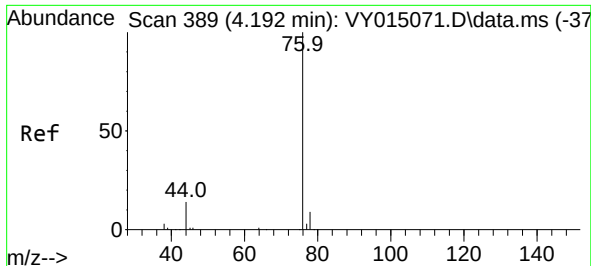
Tgt Ion: 53 Resp: 146628
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 221.462 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 43 Resp: 127725
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1

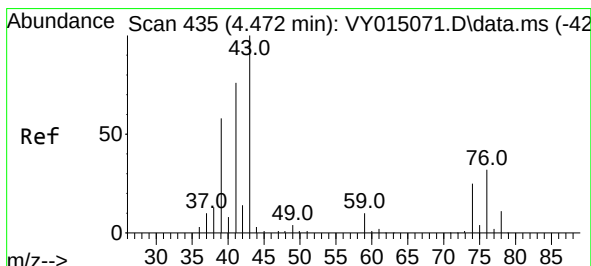
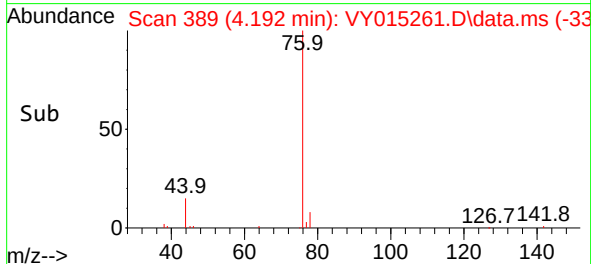
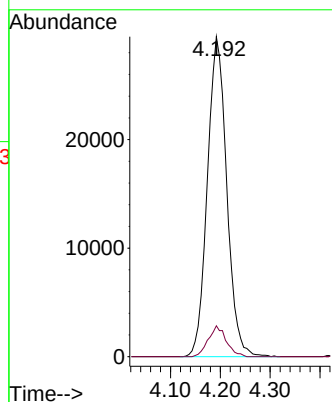
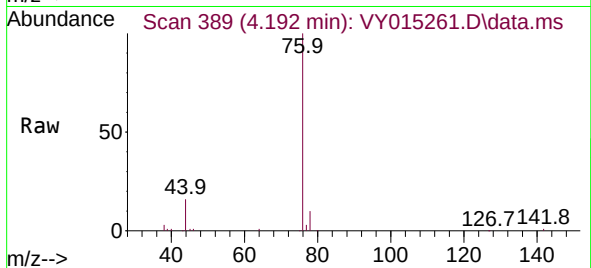




#17
Carbon Disulfide
Concen: 44.185 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

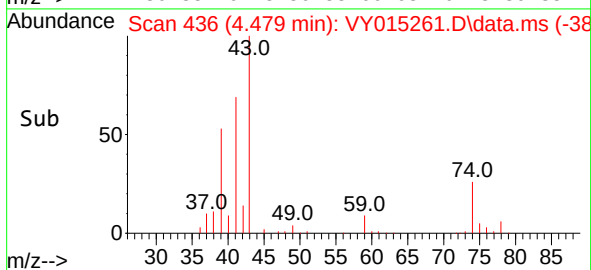
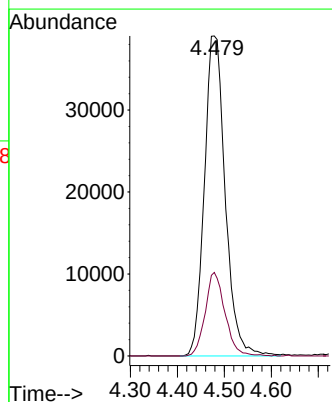
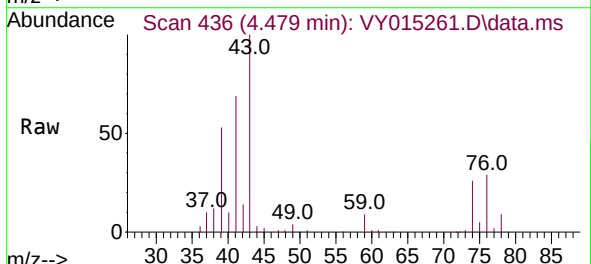
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

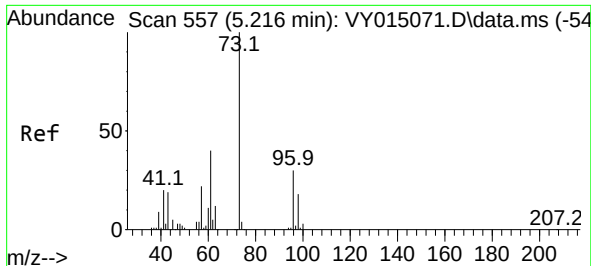
Tgt Ion: 76 Resp: 79577
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 56.902 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 43 Resp: 120262
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0

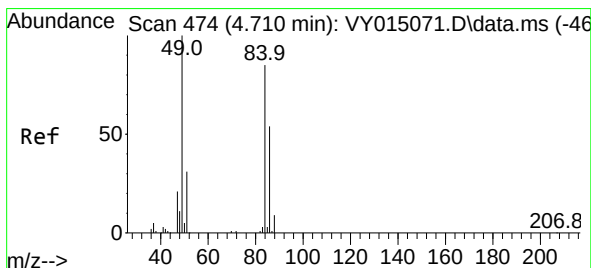
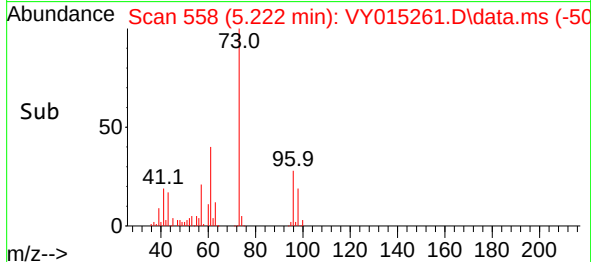
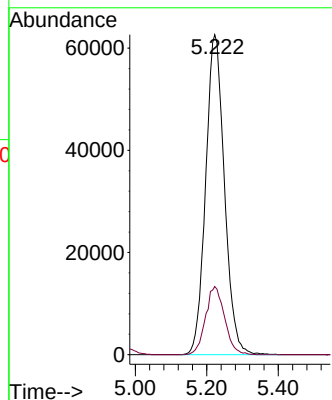
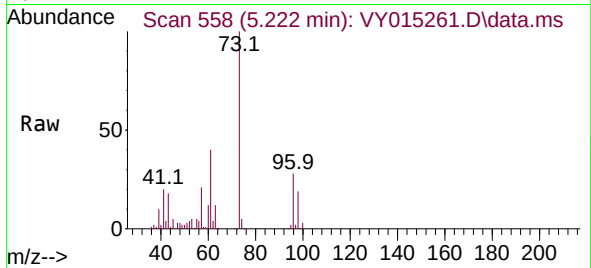




#19
Methyl tert-butyl Ether
Concen: 52.417 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

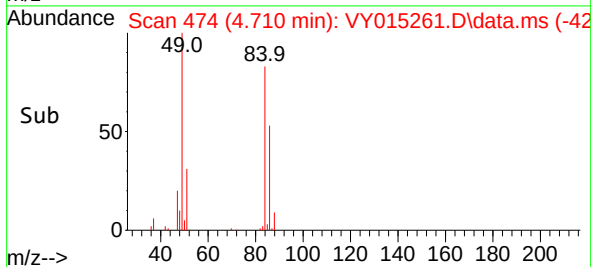
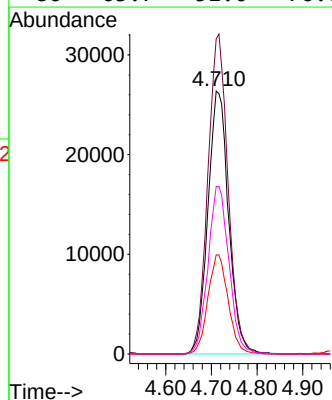
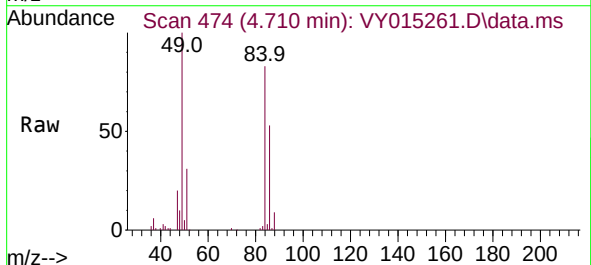
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

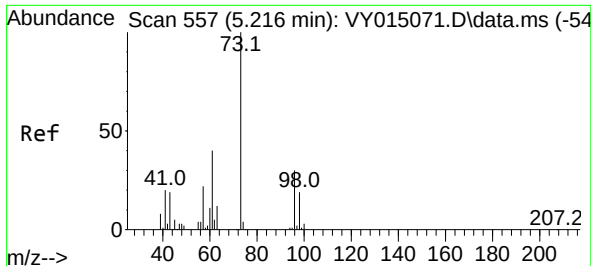
Tgt Ion: 73 Resp: 228083
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 60.728 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 84 Resp: 82694
Ion Ratio Lower Upper
84 100
49 119.9 106.9 160.3
51 37.7 33.2 49.8
86 63.7 51.0 76.6

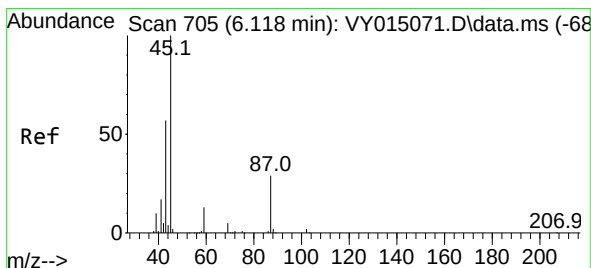
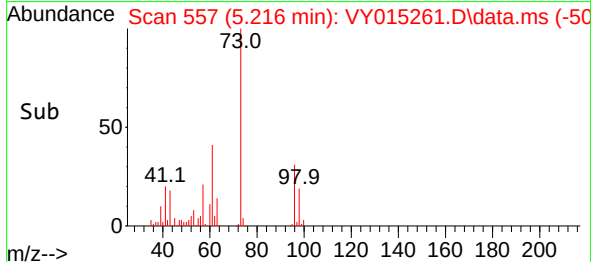
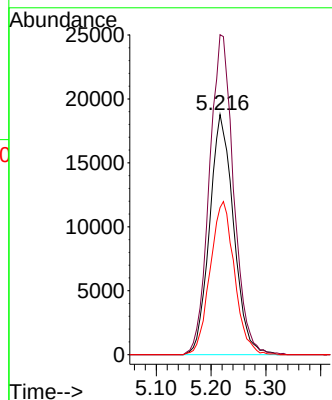
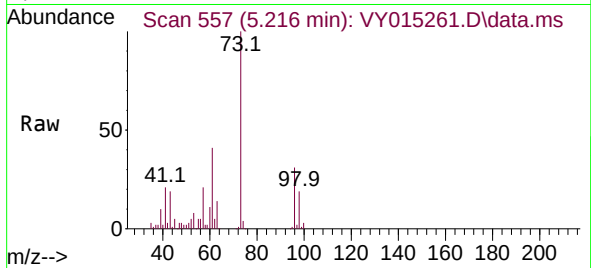




#21
trans-1,2-Dichloroethene
Concen: 49.538 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

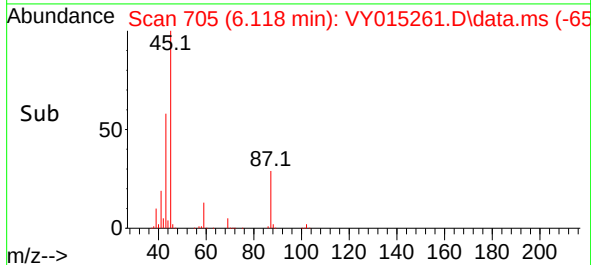
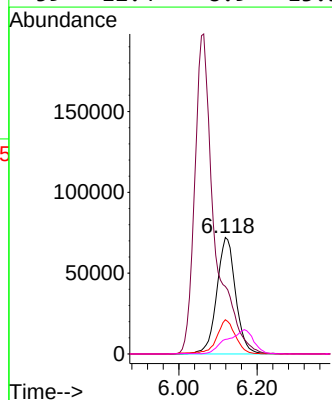
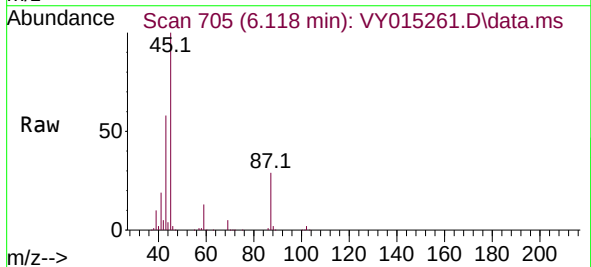
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

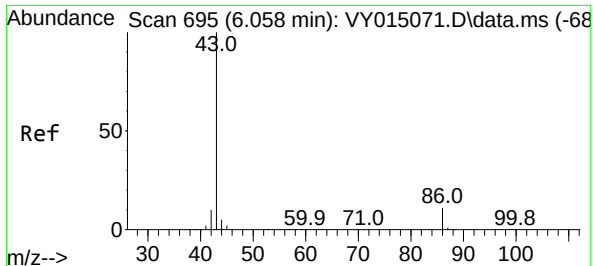
Tgt Ion: 96 Resp: 57183
Ion Ratio Lower Upper
96 100
61 133.2 110.2 165.4
98 61.2 51.8 77.6



#22
Diisopropyl ether
Concen: 53.125 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 45 Resp: 240518
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 29.4 21.0 31.6
59 12.4 8.9 13.3

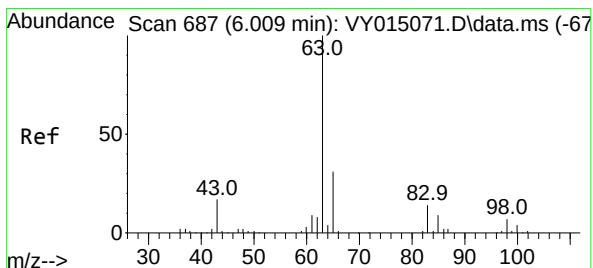
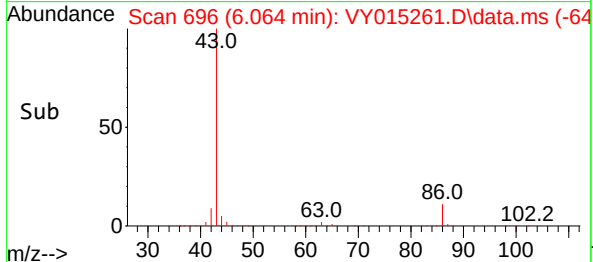
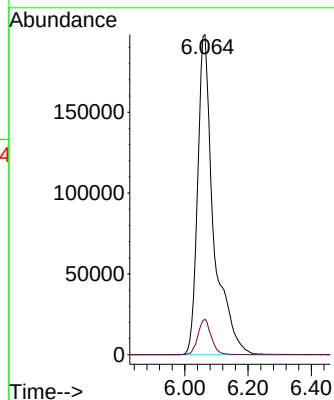
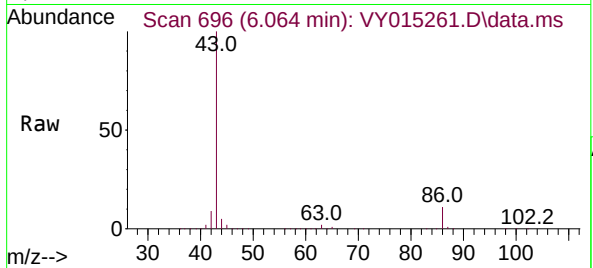




#23
 Vinyl Acetate
 Concen: 257.211 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY015261.D
 Acq: 22 Aug 2023 21:54

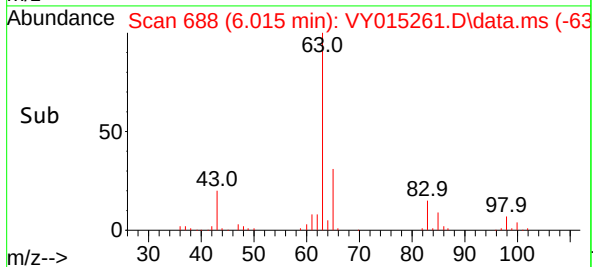
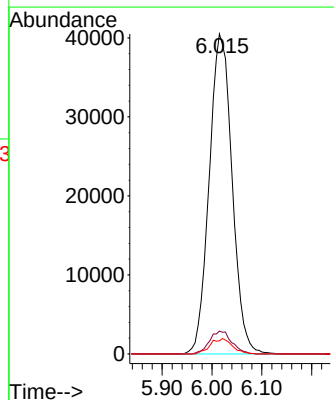
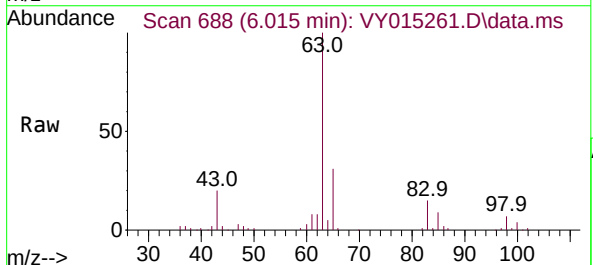
Instrument :
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 VSTDCCC050

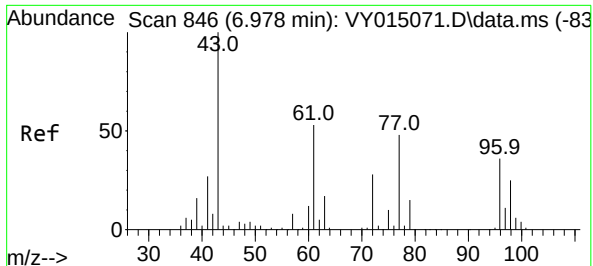
Tgt Ion: 43 Resp: 694845
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.647 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015261.D
 Acq: 22 Aug 2023 21:54

Tgt Ion: 63 Resp: 129042
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.1 1.8 5.5





#25

2-Butanone

Concen: 261.661 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

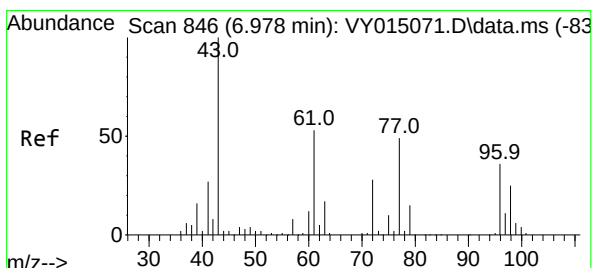
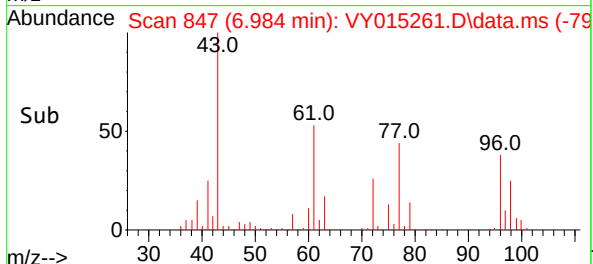
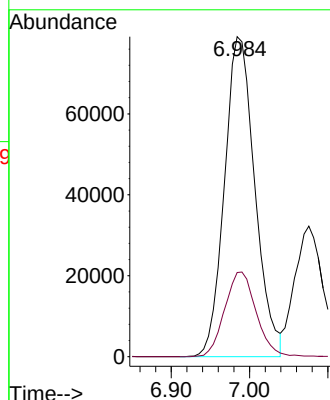
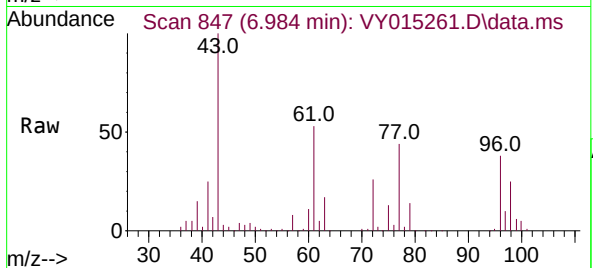
VSTDCCC050

Tgt Ion: 43 Resp: 213672

Ion Ratio Lower Upper

43 100

72 26.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 43.849 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015261.D

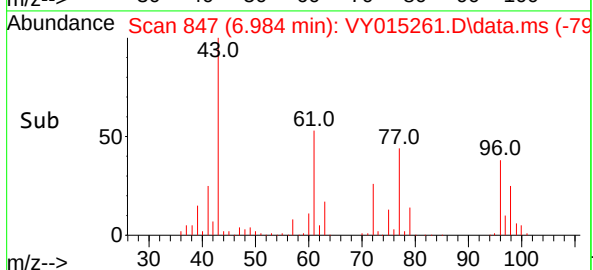
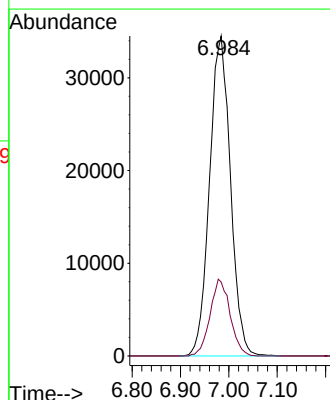
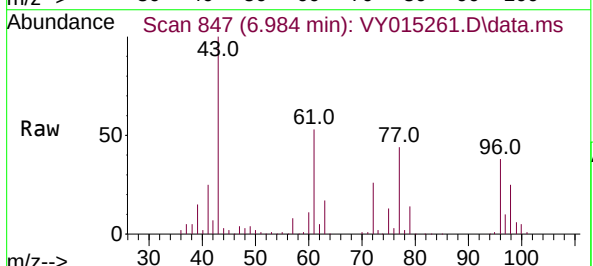
Acq: 22 Aug 2023 21:54

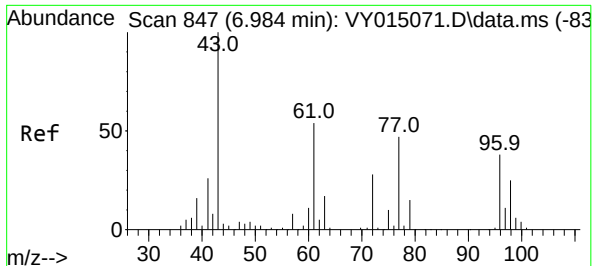
Tgt Ion: 77 Resp: 103611

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.083 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

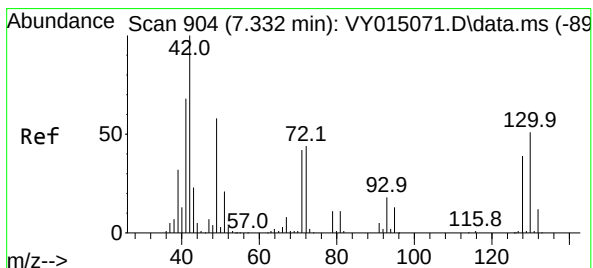
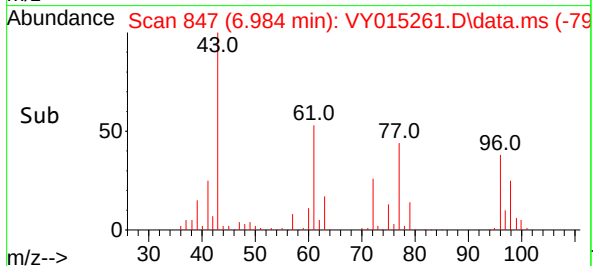
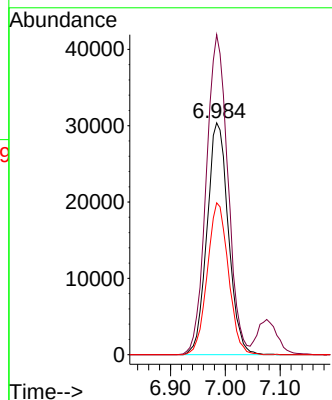
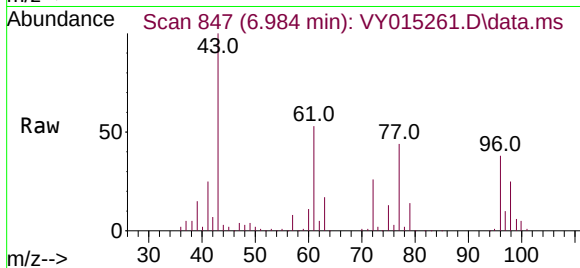
Tgt Ion: 96 Resp: 82126

Ion Ratio Lower Upper

96 100

61 139.9 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 54.629 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

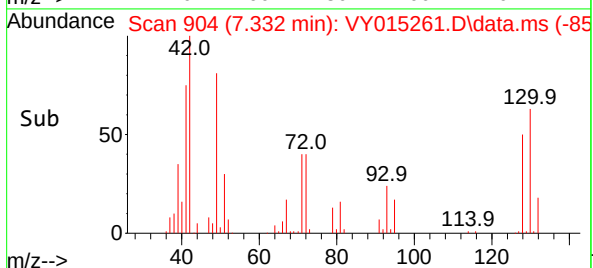
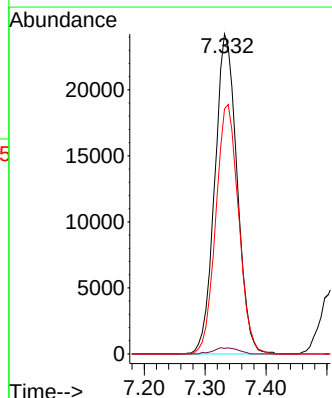
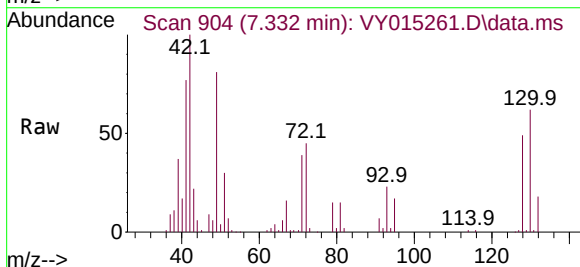
Tgt Ion: 49 Resp: 61518

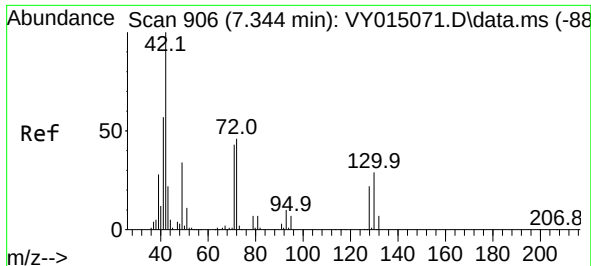
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 79.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 273.220 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

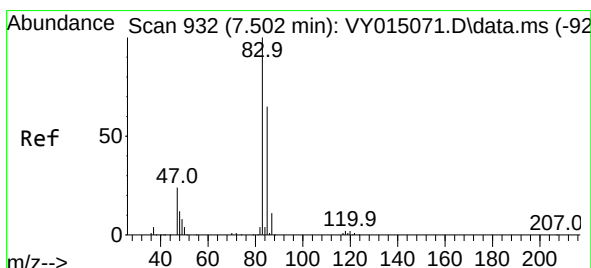
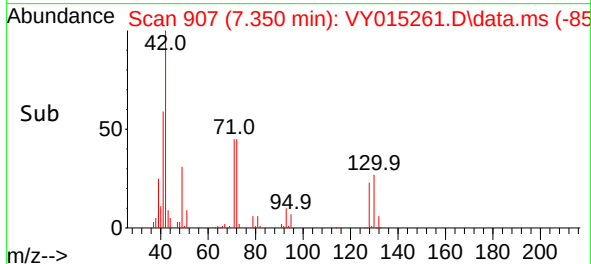
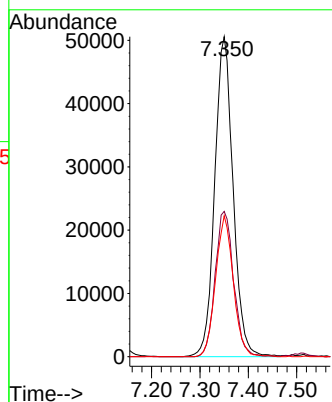
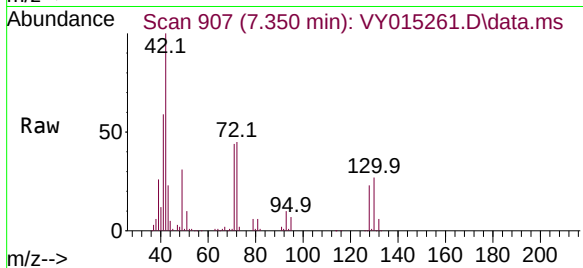
Tgt Ion: 42 Resp: 133408

Ion Ratio Lower Upper

42 100

72 45.7 32.8 49.2

71 42.6 31.0 46.4



#30

Chloroform

Concen: 52.514 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY015261.D

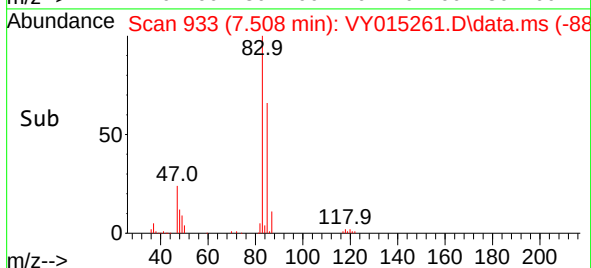
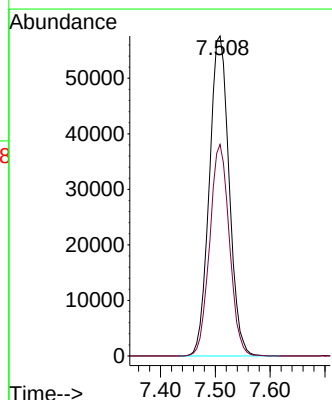
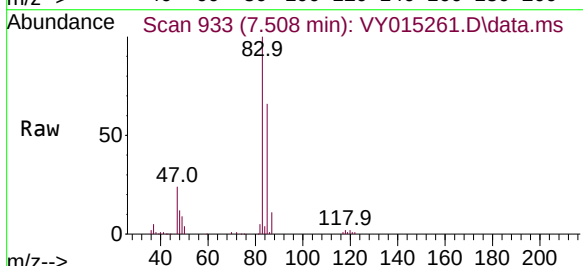
Acq: 22 Aug 2023 21:54

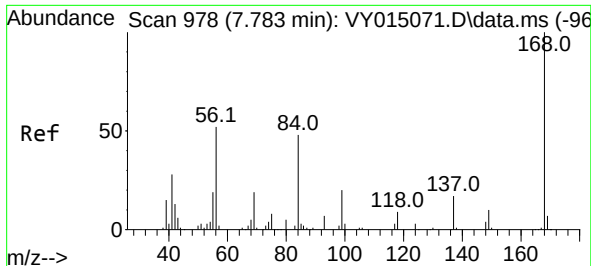
Tgt Ion: 83 Resp: 144293

Ion Ratio Lower Upper

83 100

85 66.1 49.7 74.5

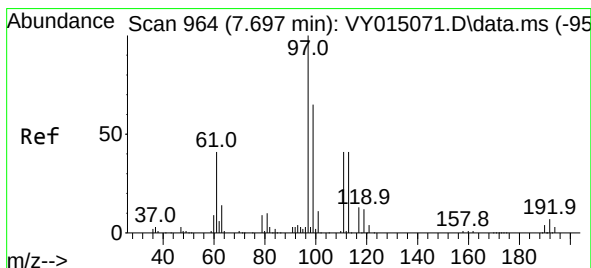
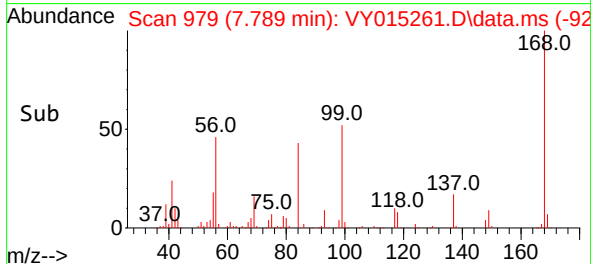
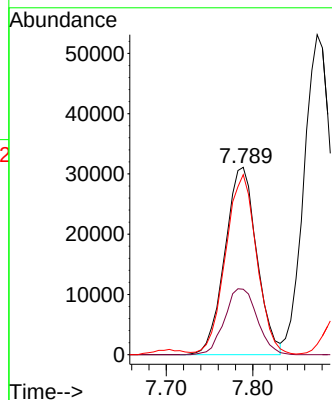
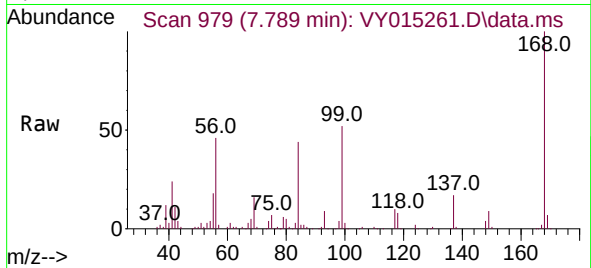




#31
Cyclohexane
Concen: 50.387 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

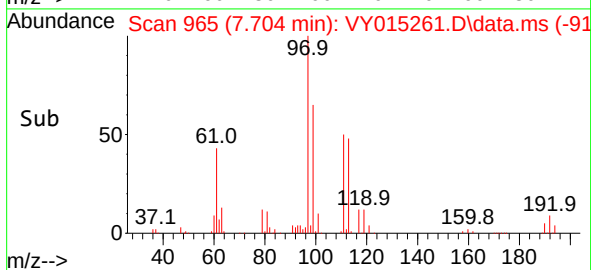
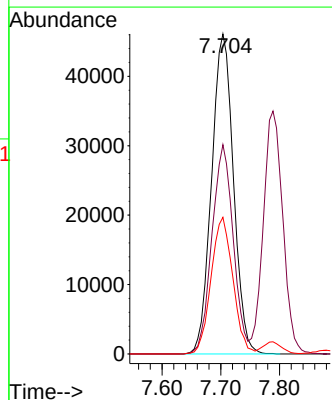
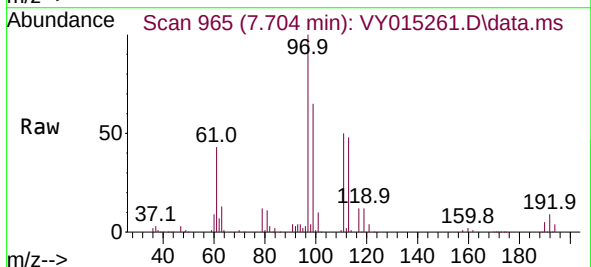
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

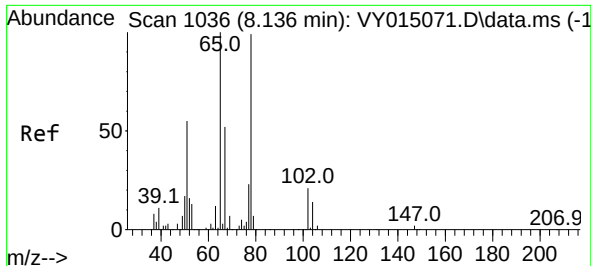
Tgt Ion: 56 Resp: 79425
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 94.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.964 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 97 Resp: 119163
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.025 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

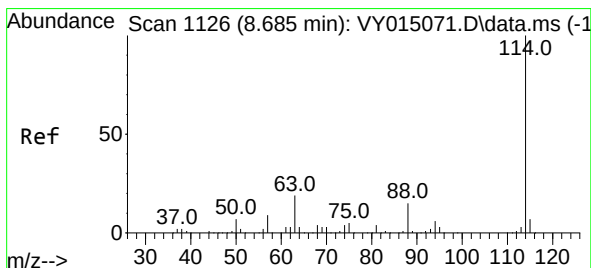
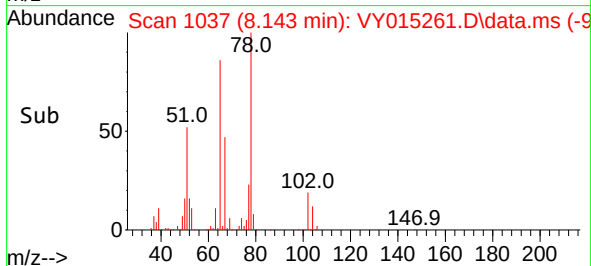
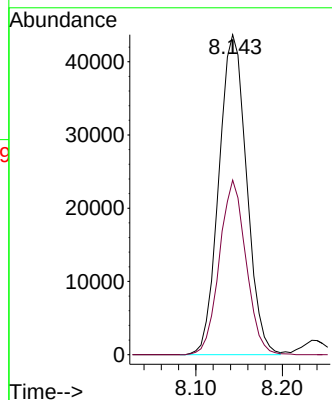
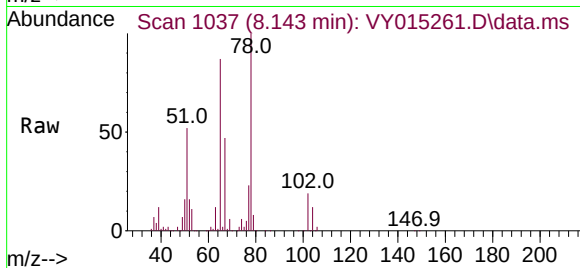
VSTDCCC050

Tgt Ion: 65 Resp: 97143

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

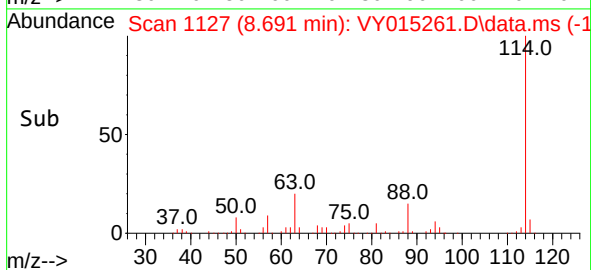
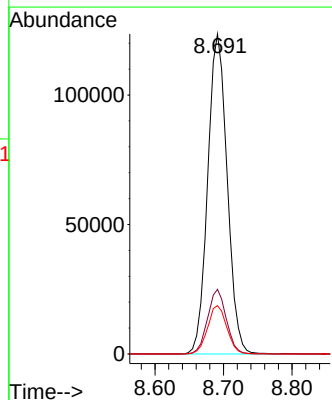
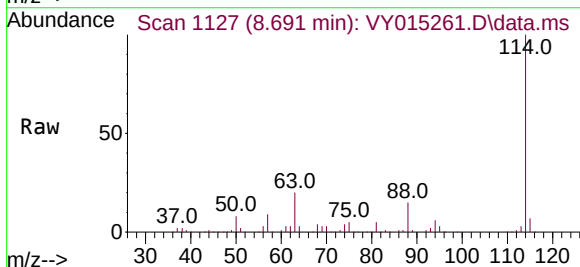
Tgt Ion: 114 Resp: 243433

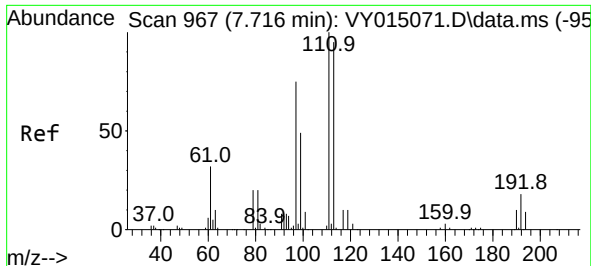
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.1 0.0 30.6

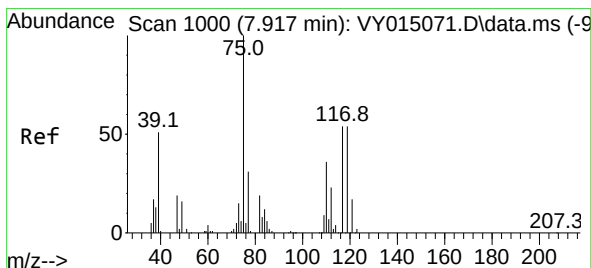
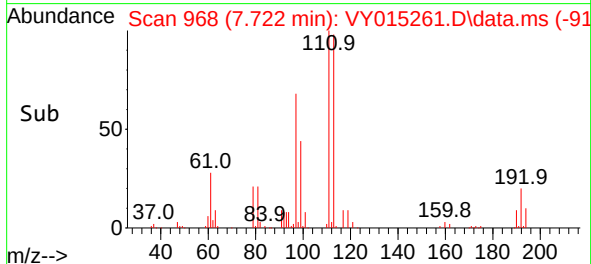
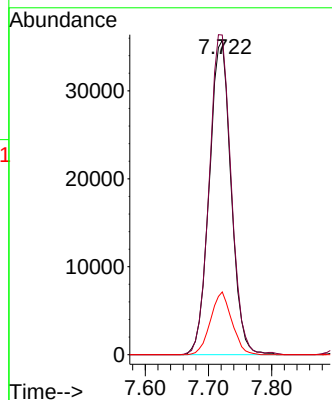
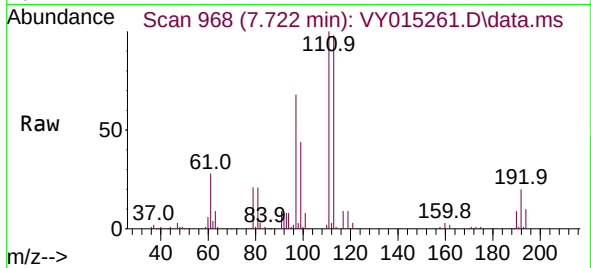




#35
Dibromofluoromethane
Concen: 54.416 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

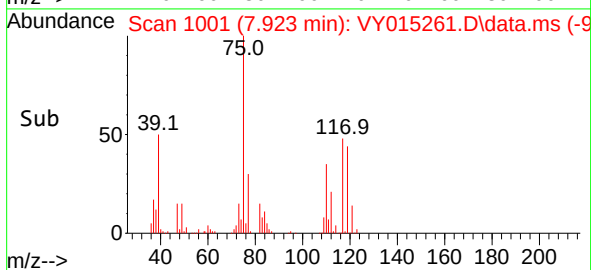
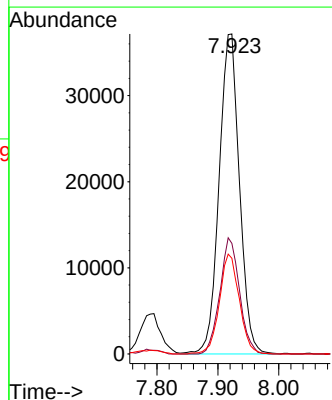
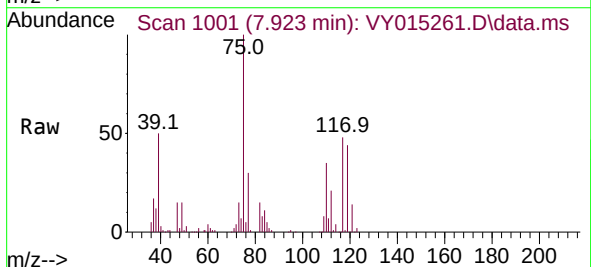
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

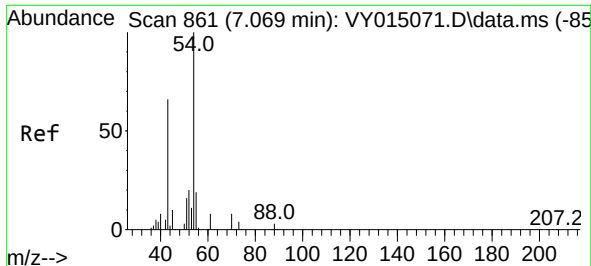
Tgt Ion:113 Resp: 85220
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.777 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 75 Resp: 86244
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 52.389 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

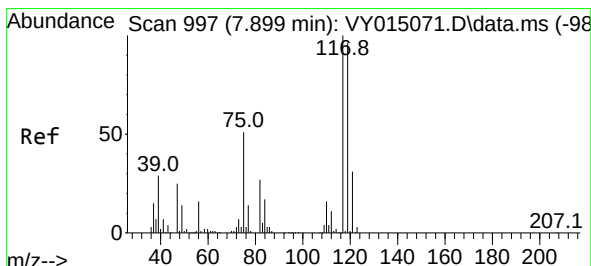
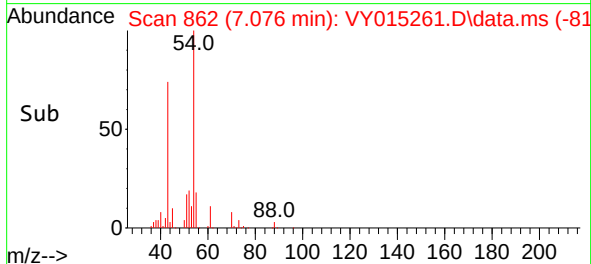
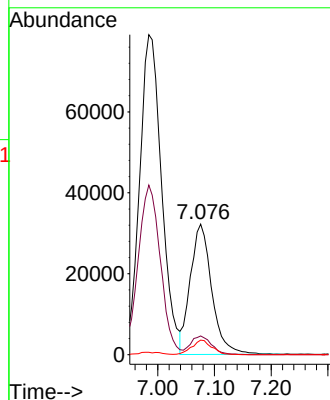
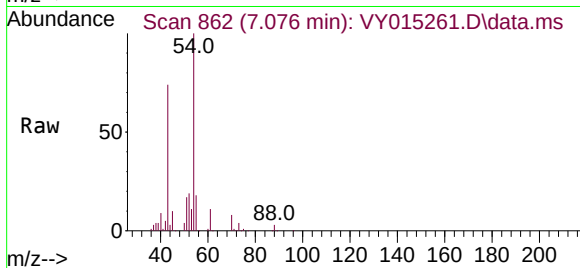
Tgt Ion: 43 Resp: 84608

Ion Ratio Lower Upper

43 100

61 13.9 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.280 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

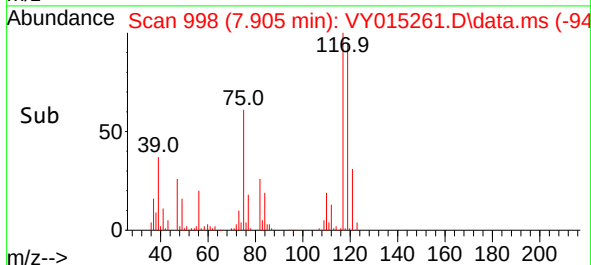
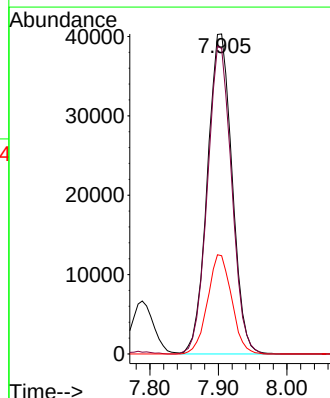
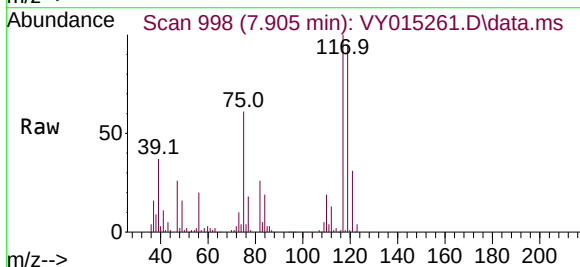
Tgt Ion: 117 Resp: 101050

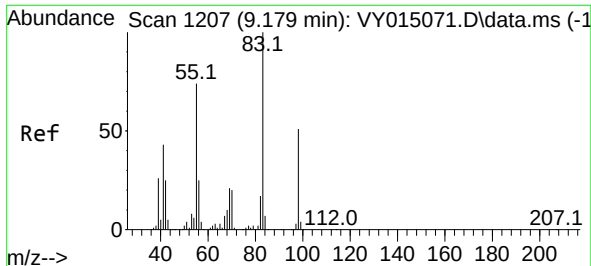
Ion Ratio Lower Upper

117 100

119 95.5 76.4 114.6

121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 47.250 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

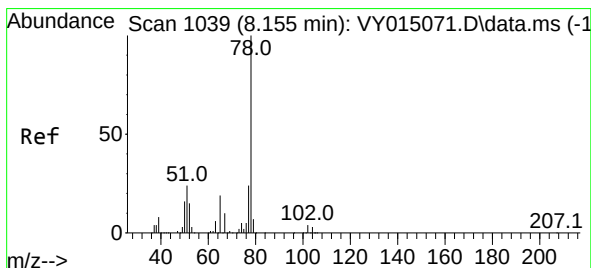
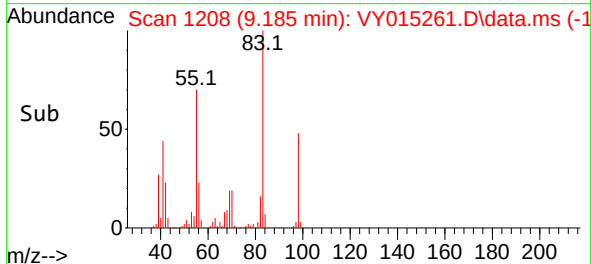
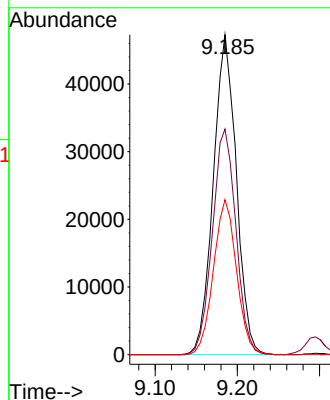
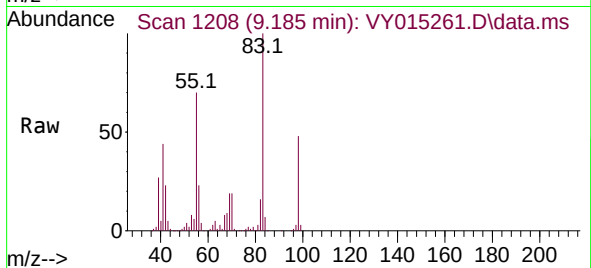
Tgt Ion: 83 Resp: 91773

Ion Ratio Lower Upper

83 100

55 70.5 63.0 94.4

98 48.5 37.4 56.2



#40

Benzene

Concen: 51.544 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015261.D

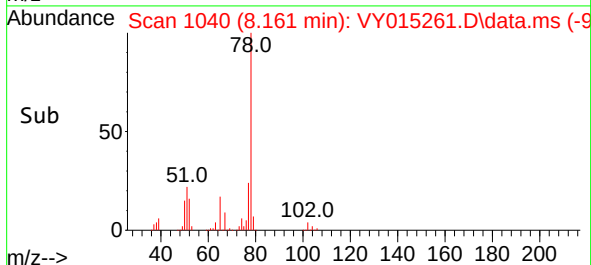
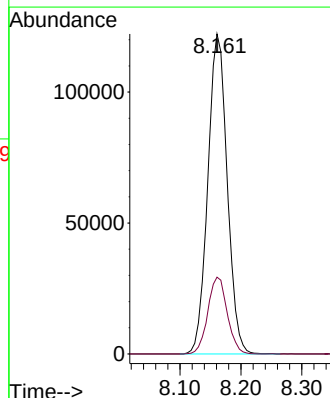
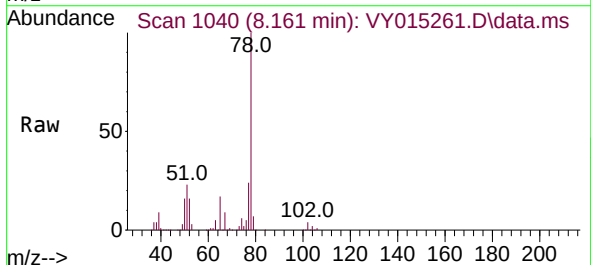
Acq: 22 Aug 2023 21:54

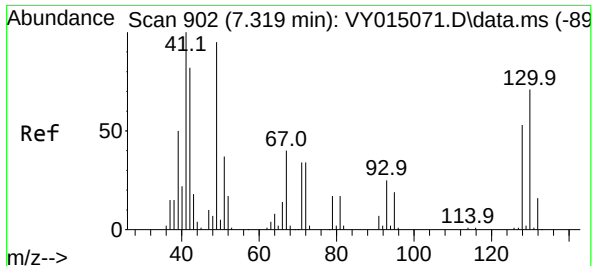
Tgt Ion: 78 Resp: 269998

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

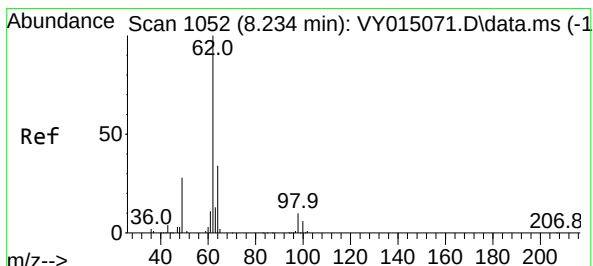
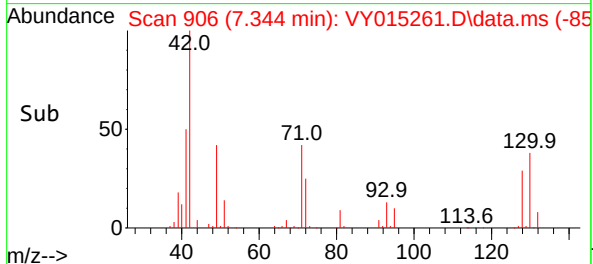
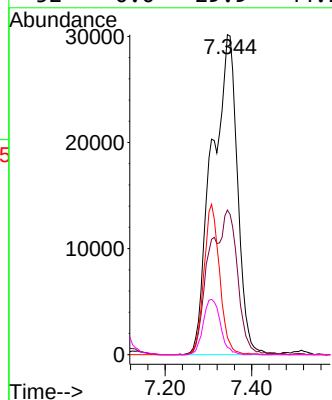
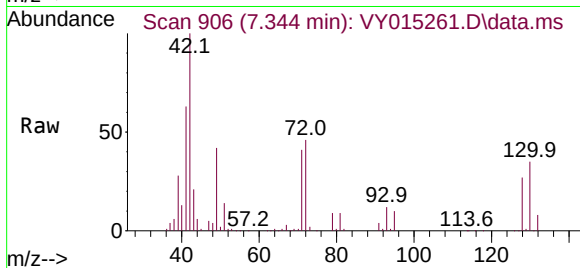




#41
Methacrylonitrile
Concen: 147.776 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

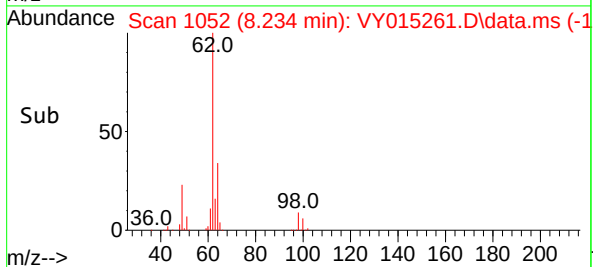
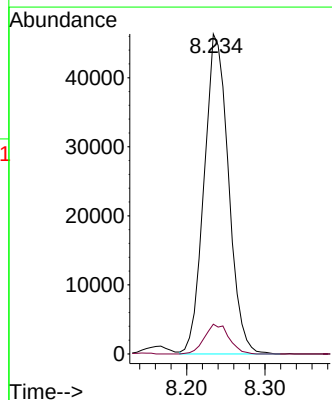
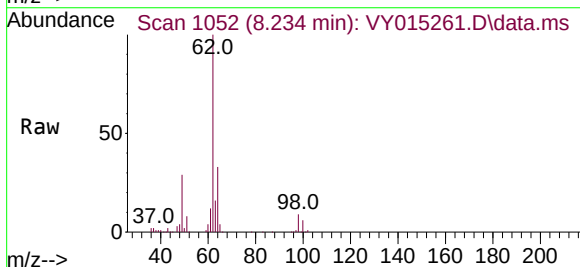
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

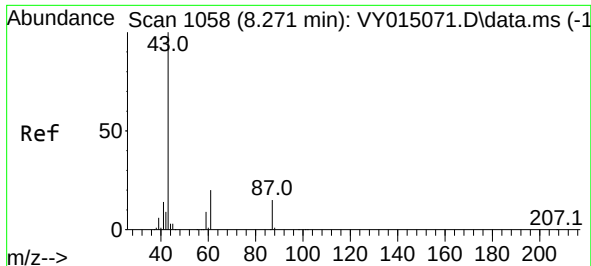
Tgt Ion:	41	Resp:	123063
Ion	Ratio	Lower	Upper
41	100		
39	27.6	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 52.589 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:	62	Resp:	100045
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	15.8

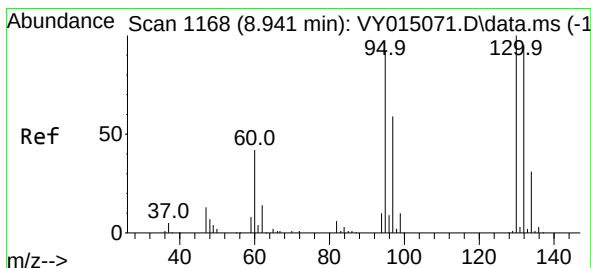
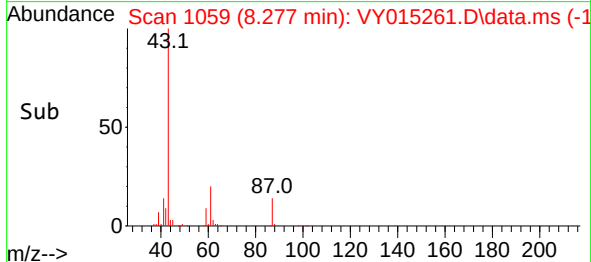
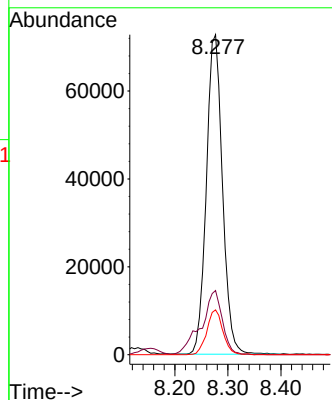
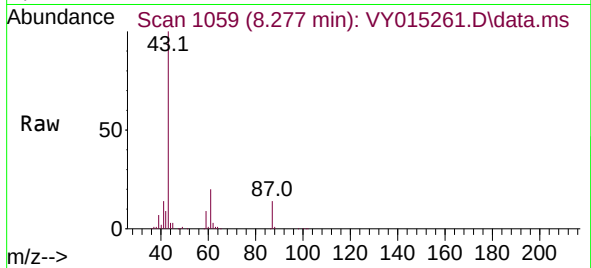




#43
Isopropyl Acetate
Concen: 52.123 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

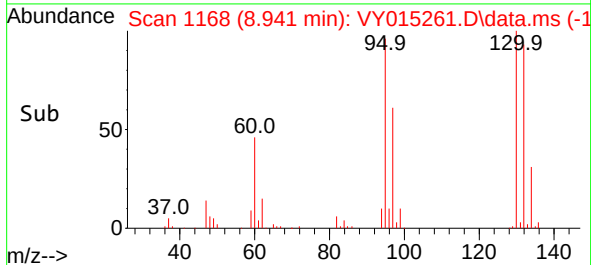
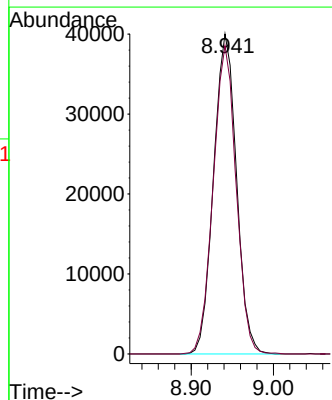
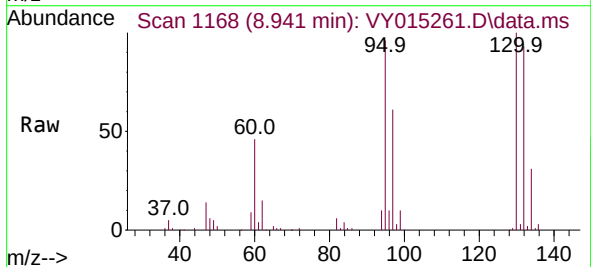
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

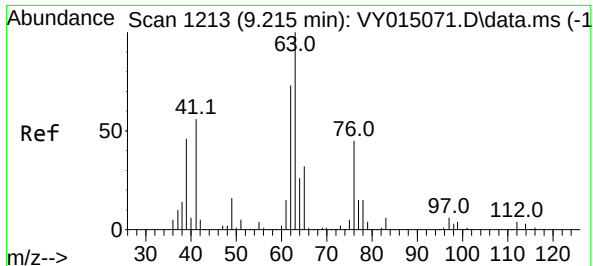
Tgt Ion: 43 Resp: 153292
Ion Ratio Lower Upper
43 100
61 26.5 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 51.289 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:130 Resp: 77401
Ion Ratio Lower Upper
130 100
95 96.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.469 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

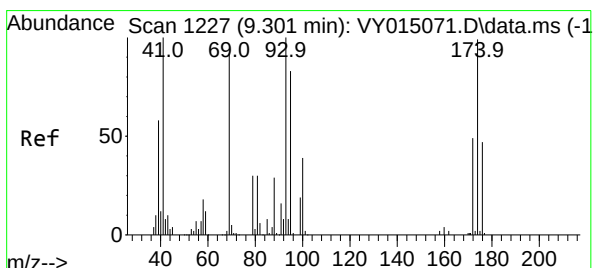
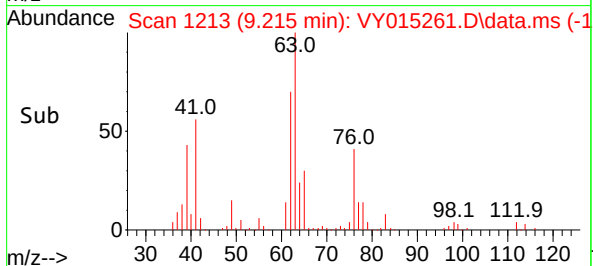
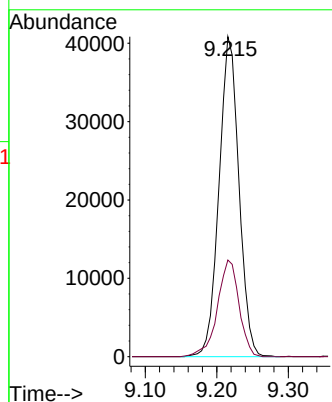
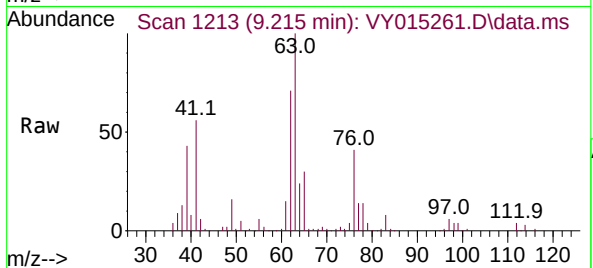
VSTDCCC050

Tgt Ion: 63 Resp: 78979

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 53.492 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

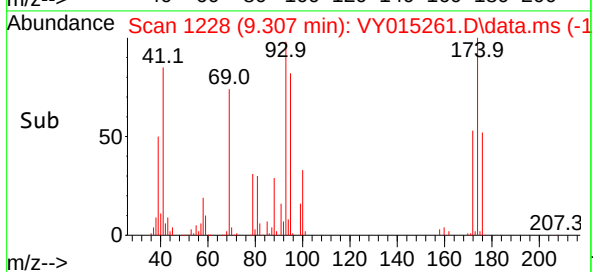
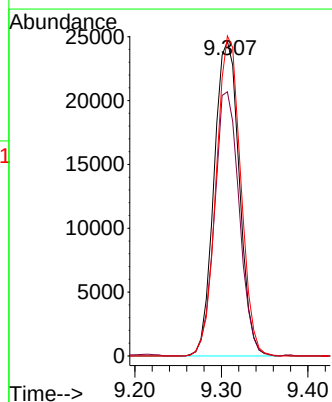
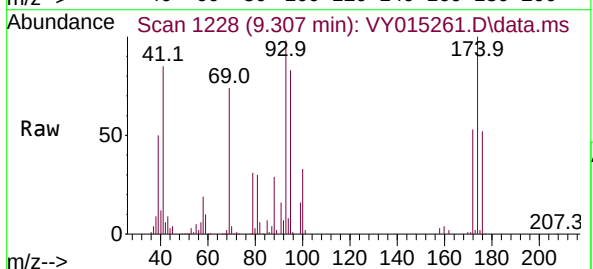
Tgt Ion: 93 Resp: 49834

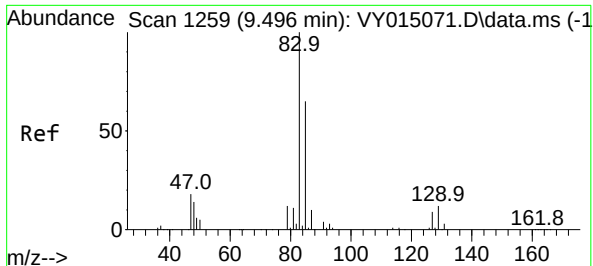
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 98.7 84.8 127.2

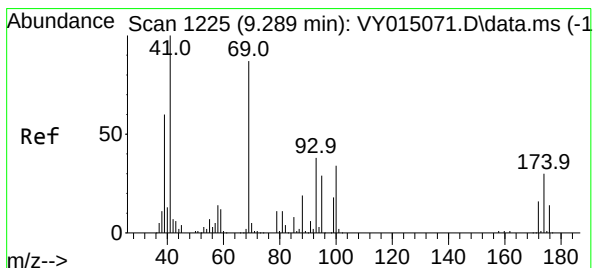
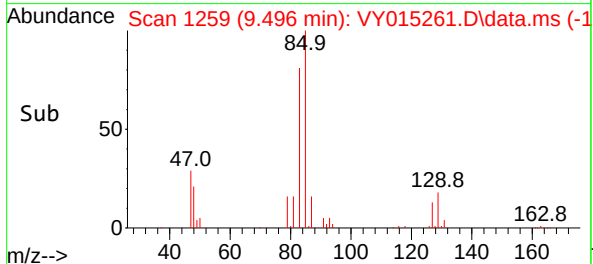
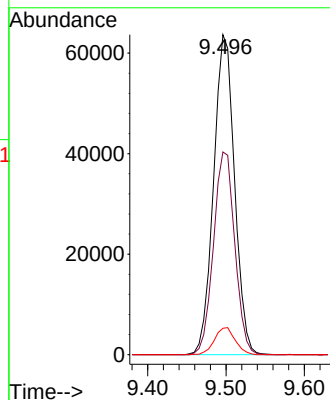
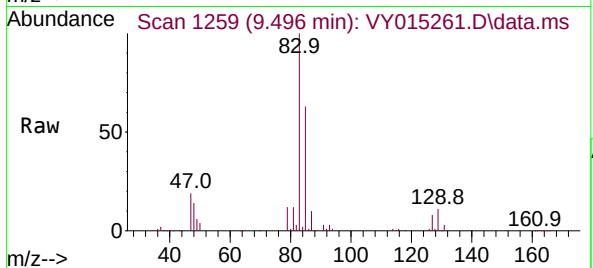




#47
Bromodichloromethane
Concen: 53.311 ug/l
RT: 9.496 min Scan# 118514
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

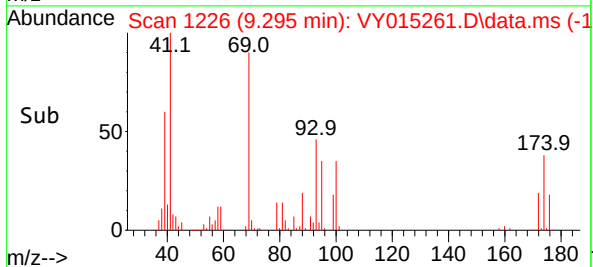
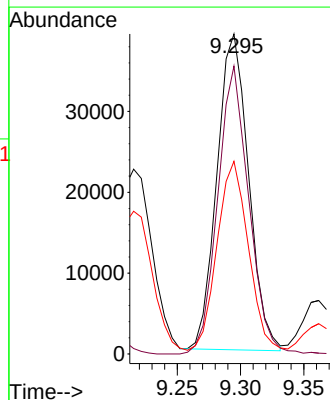
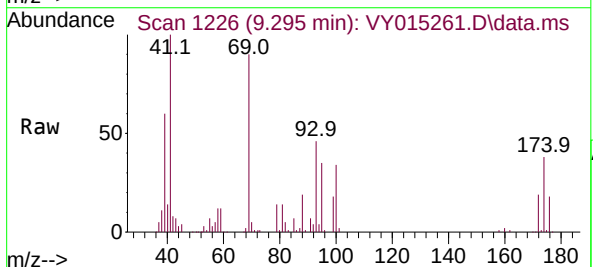
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

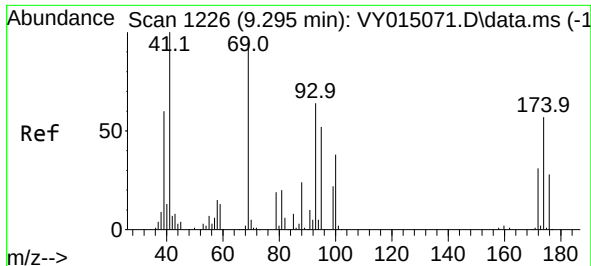
Tgt Ion: 83 Resp: 118514
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 53.896 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 41 Resp: 67806
Ion Ratio Lower Upper
41 100
69 89.7 64.5 96.7
39 61.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1059.844 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

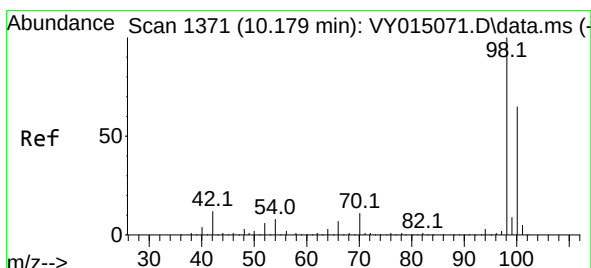
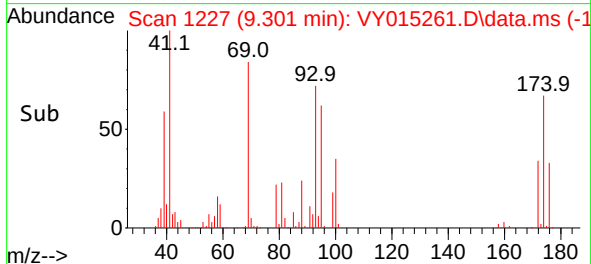
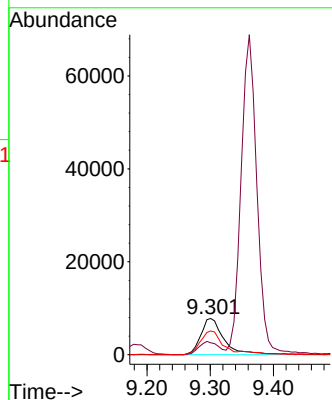
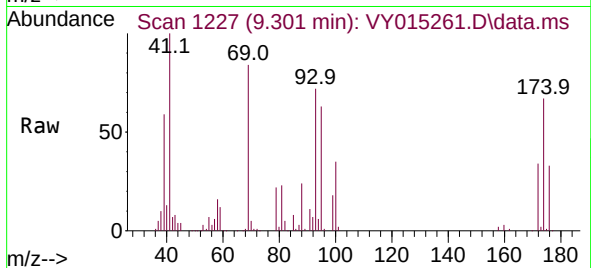
Tgt Ion: 88 Resp: 19744

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 60.3 30.9 46.3#



#50

Toluene-d8

Concen: 52.209 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015261.D

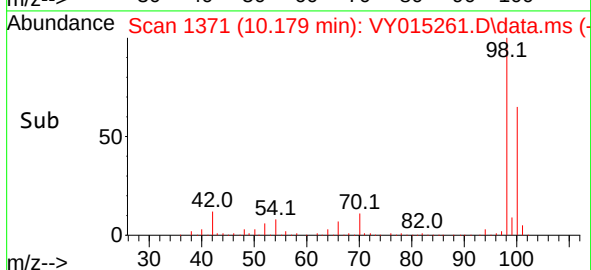
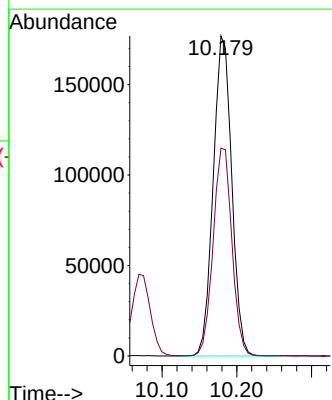
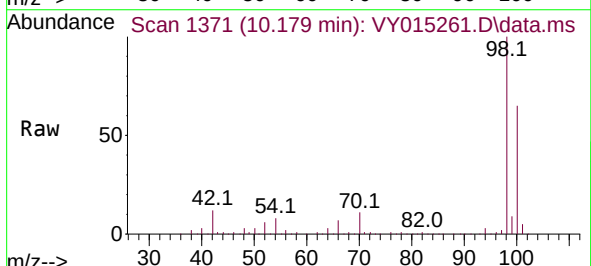
Acq: 22 Aug 2023 21:54

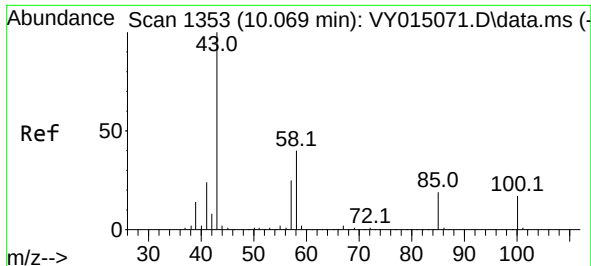
Tgt Ion: 98 Resp: 304370

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

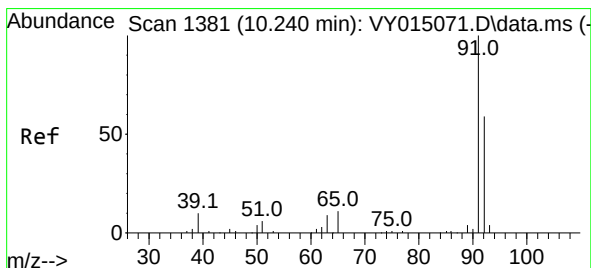
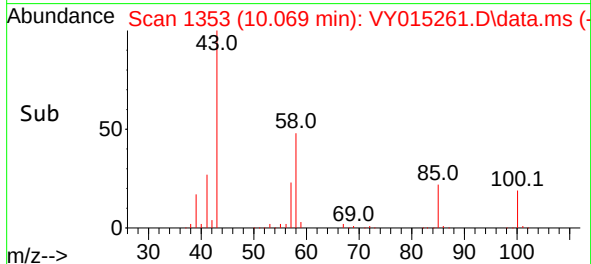
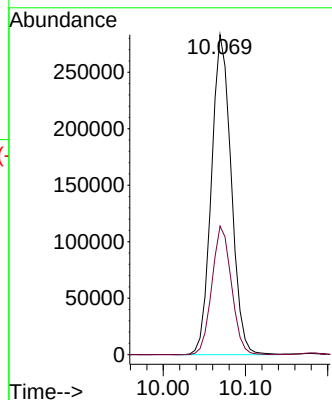
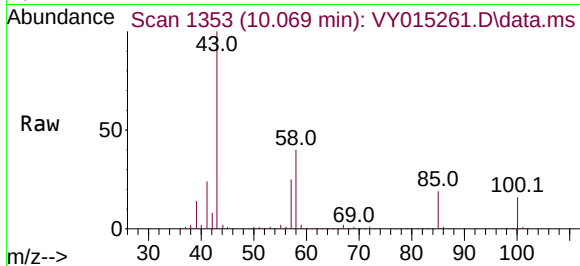




#51
4-Methyl-2-Pentanone
Concen: 278.218 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

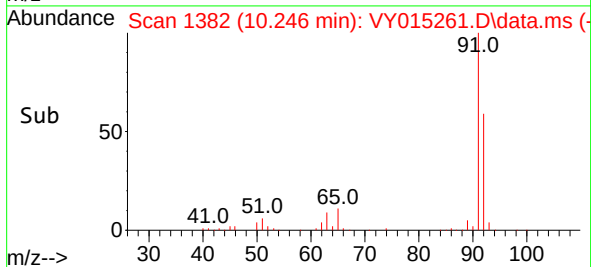
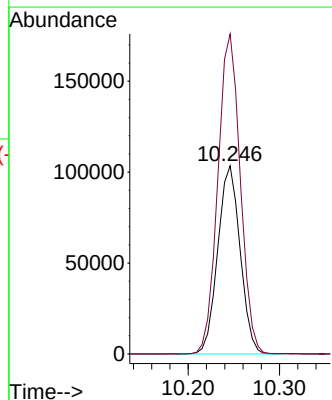
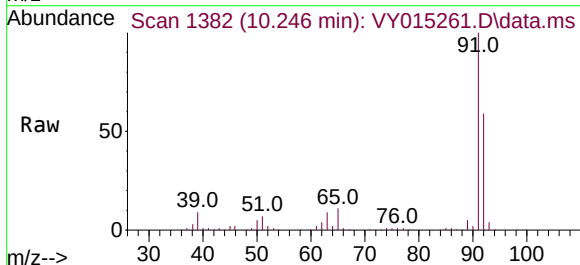
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

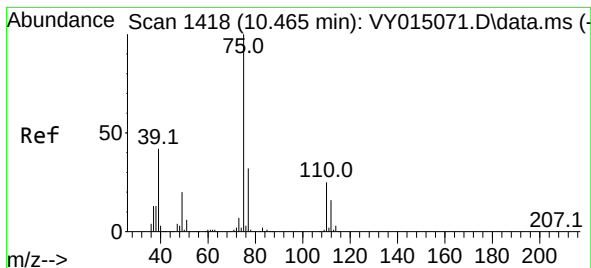
Tgt Ion: 43 Resp: 474215
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 50.889 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 92 Resp: 175700
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6

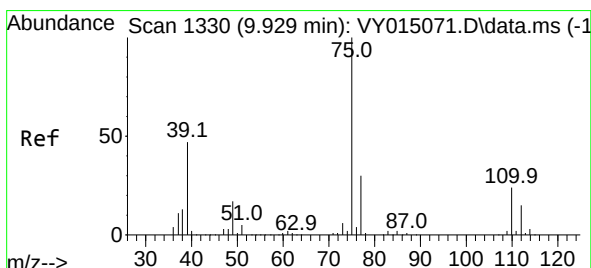
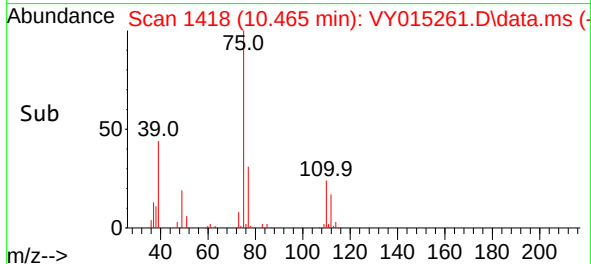
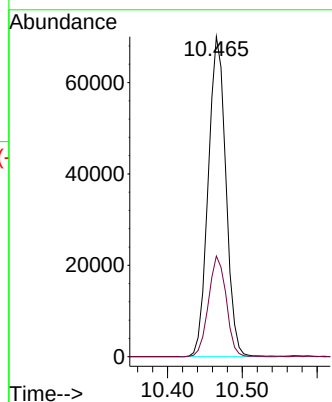
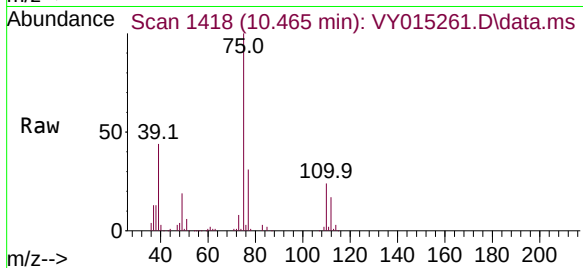




#53
t-1,3-Dichloropropene
Concen: 49.215 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

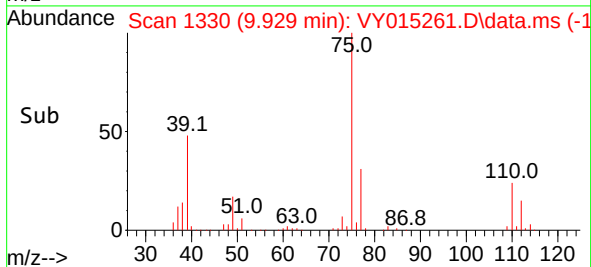
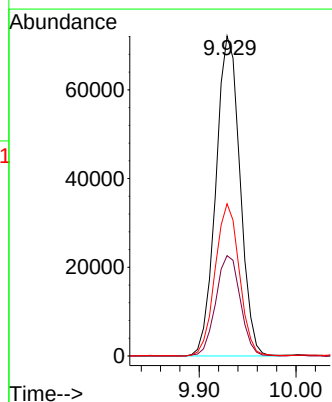
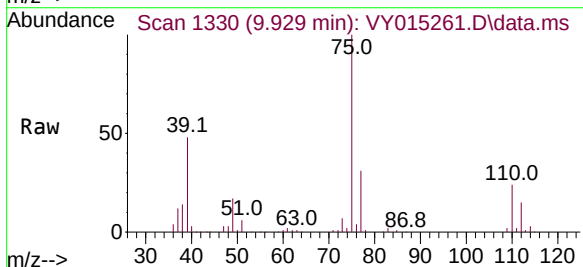
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

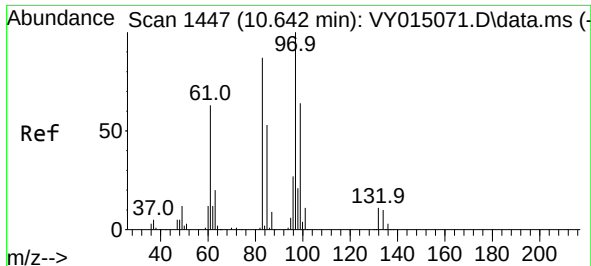
Tgt Ion: 75 Resp: 114981
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.725 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 75 Resp: 124809
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 47.5 42.2 63.4

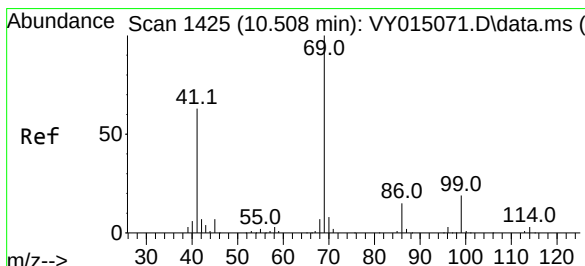
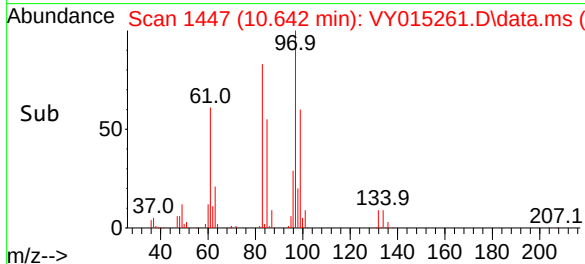
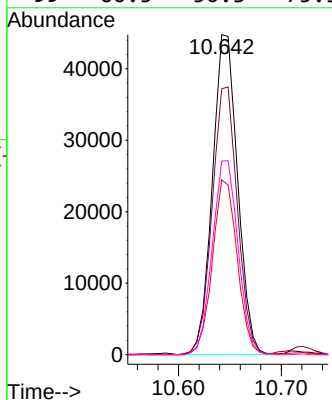
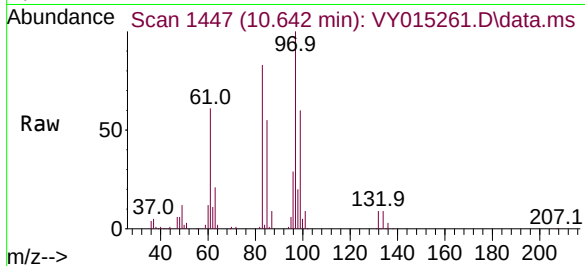




#55
1,1,2-Trichloroethane
Concen: 53.898 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

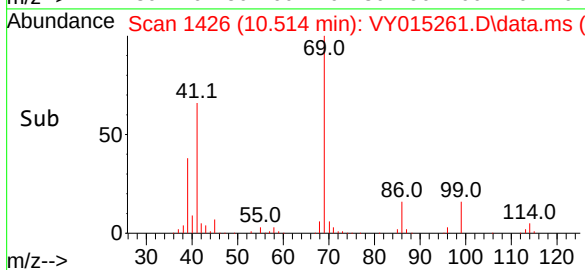
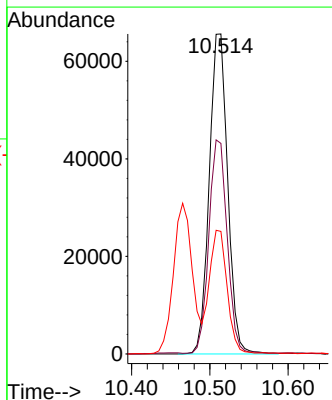
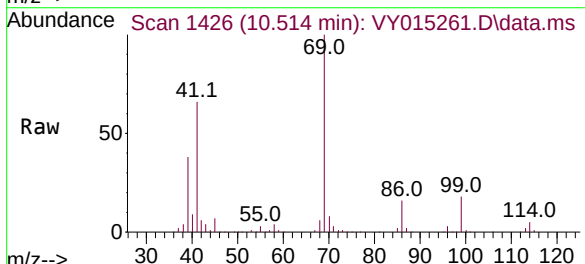
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

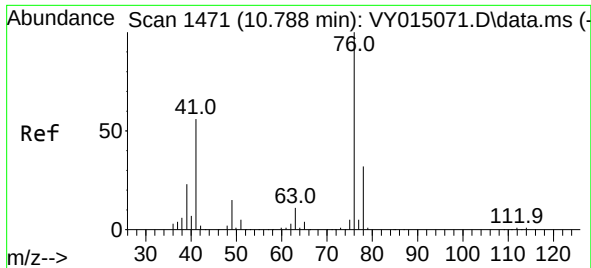
Tgt Ion:	97	Resp:	76348
Ion	Ratio	Lower	Upper
97	100		
83	83.1	72.0	108.0
85	54.7	45.4	68.0
99	60.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 51.716 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:	69	Resp:	107213
Ion	Ratio	Lower	Upper
69	100		
41	66.2	57.6	86.4
39	37.0	34.1	51.1

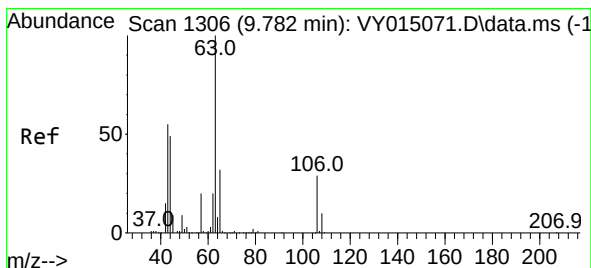
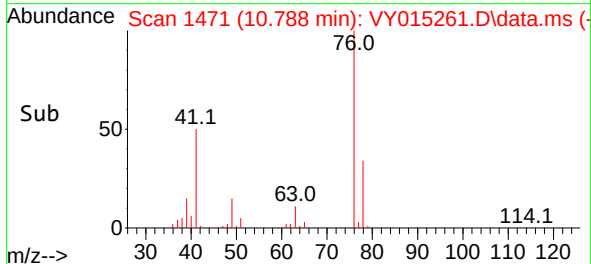
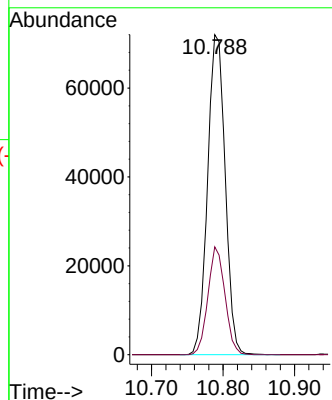
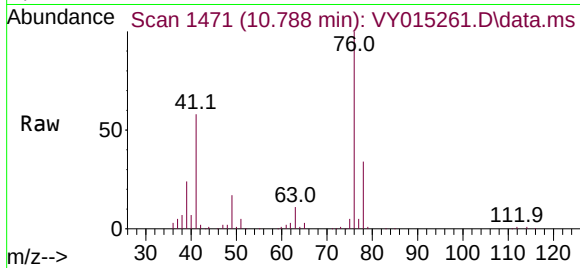




#57
1,3-Dichloropropane
Concen: 53.099 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

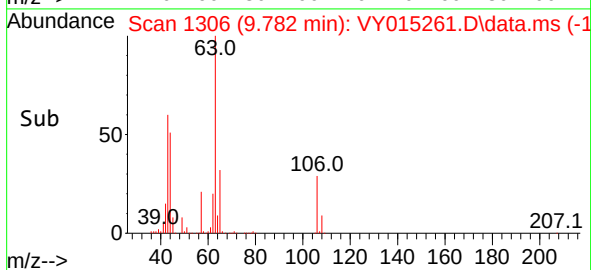
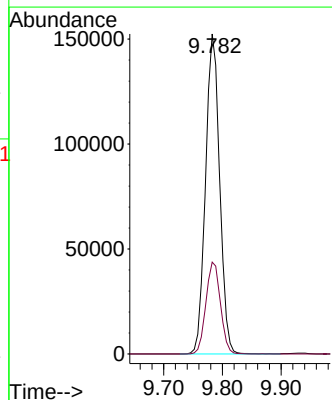
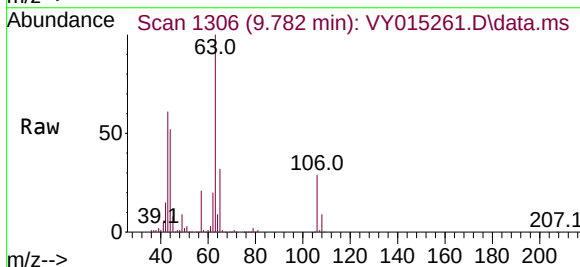
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

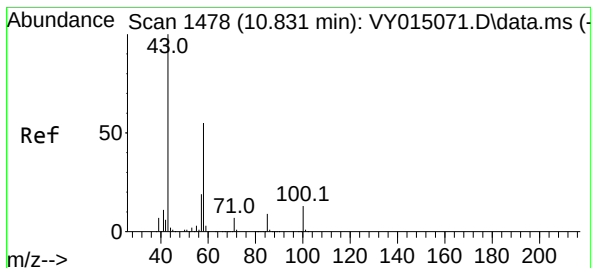
Tgt Ion: 76 Resp: 122888
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 263.577 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 63 Resp: 254291
Ion Ratio Lower Upper
63 100
106 29.4 21.2 31.8

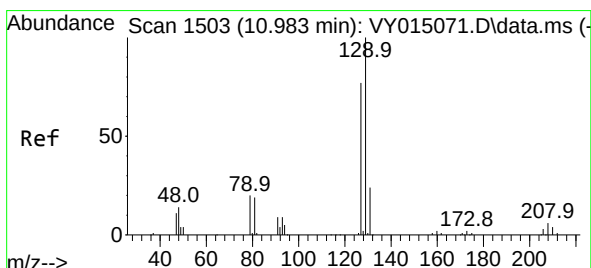
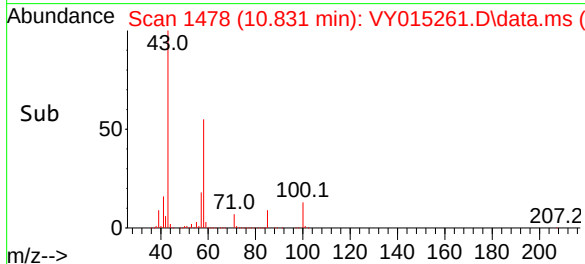
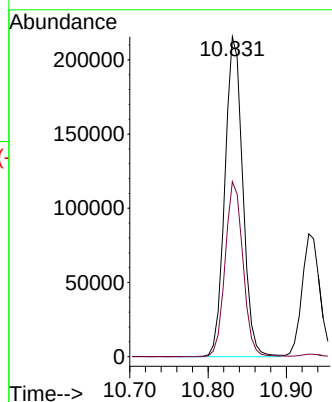
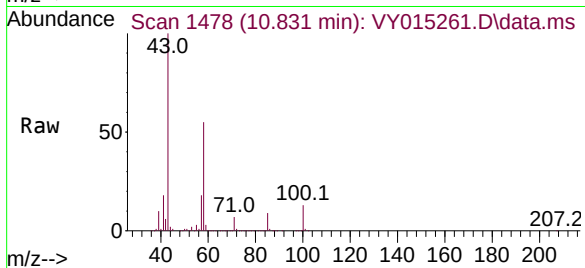




#59
2-Hexanone
Concen: 271.218 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

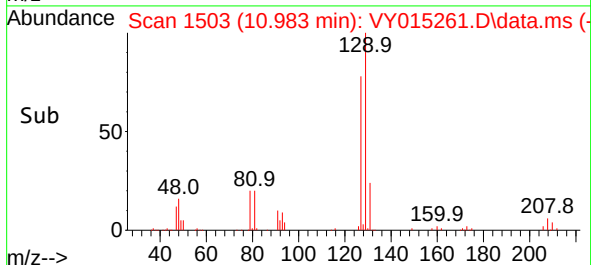
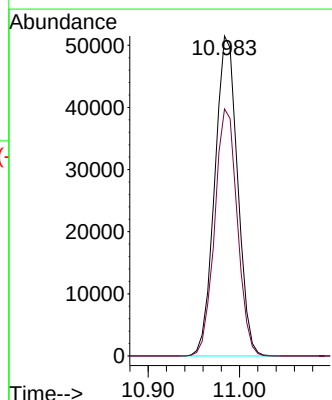
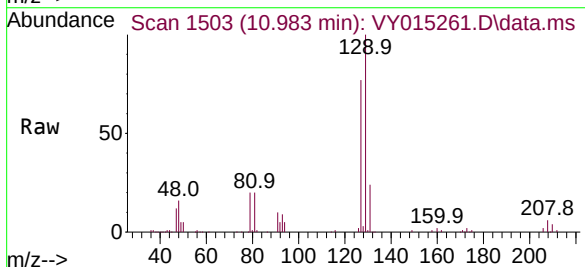
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

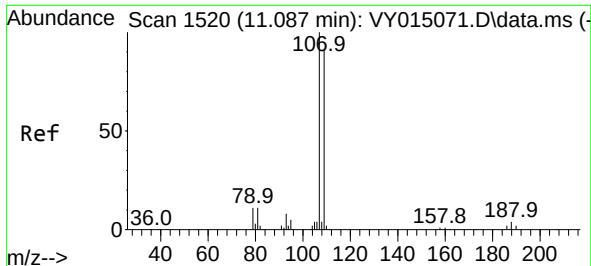
Tgt Ion: 43 Resp: 342140
Ion Ratio Lower Upper
43 100
58 54.5 25.1 75.3



#60
Dibromochloromethane
Concen: 52.756 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 129 Resp: 89144
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

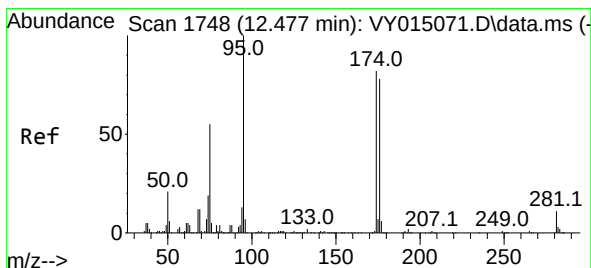
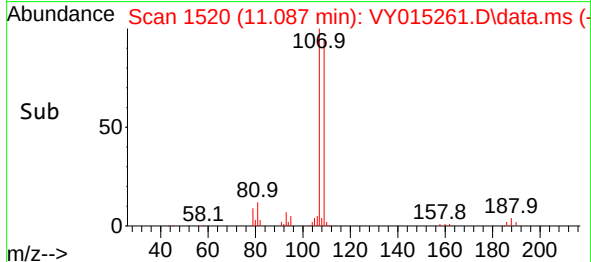
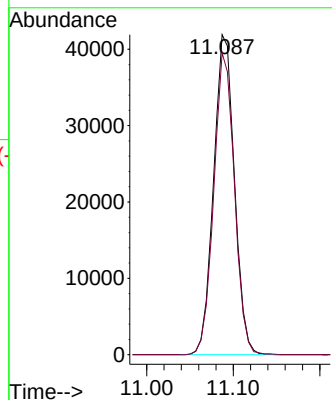
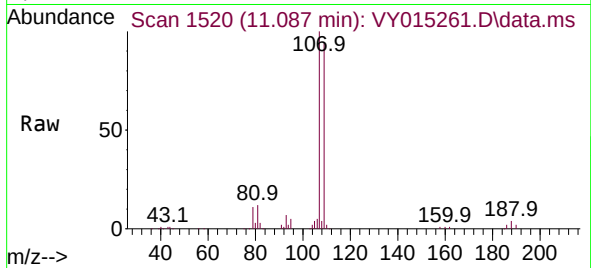




#61
1,2-Dibromoethane
Concen: 52.013 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

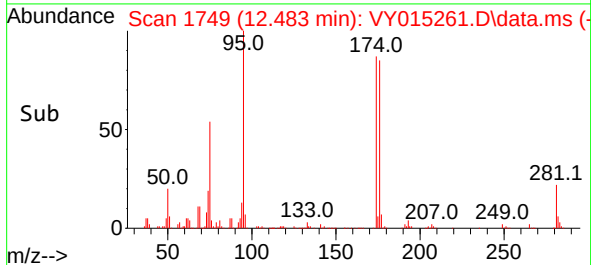
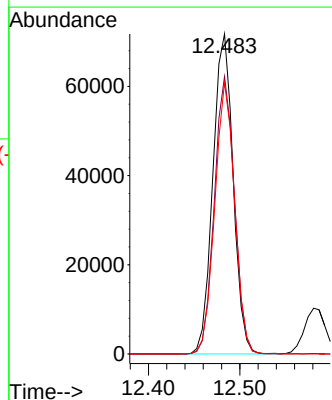
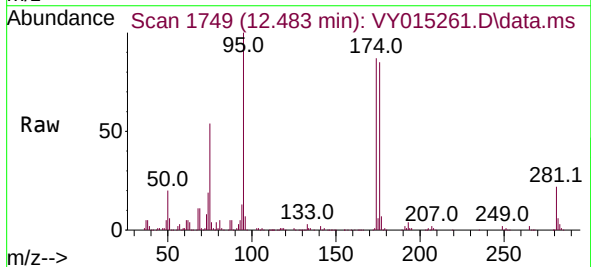
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

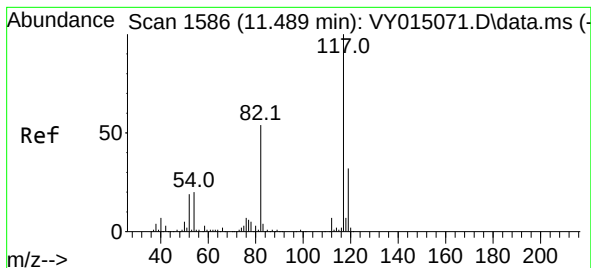
Tgt Ion:107 Resp: 69993
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 95 Resp: 110493
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

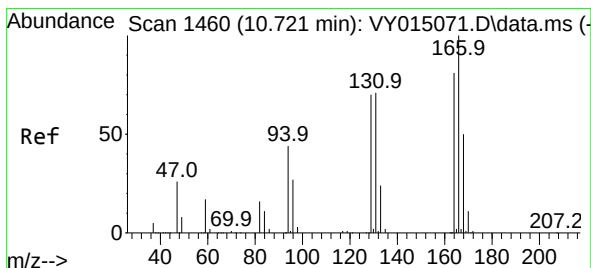
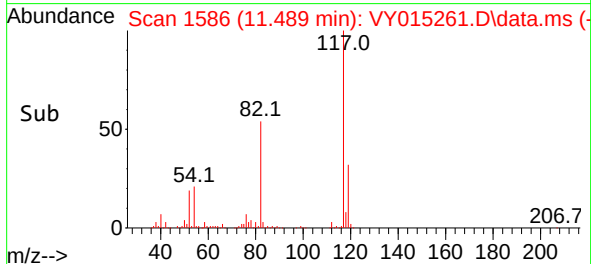
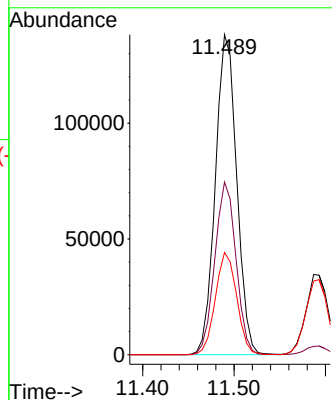
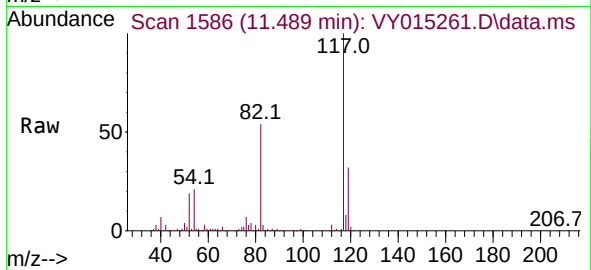
Tgt Ion:117 Resp: 224505

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 54.641 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Tgt Ion:164 Resp: 85465

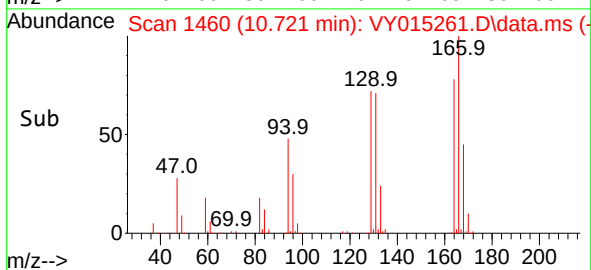
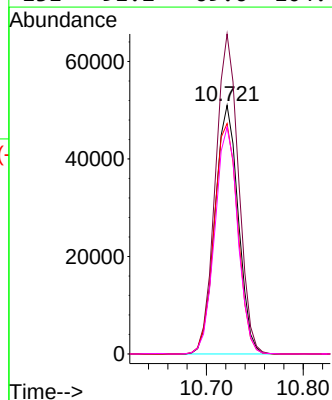
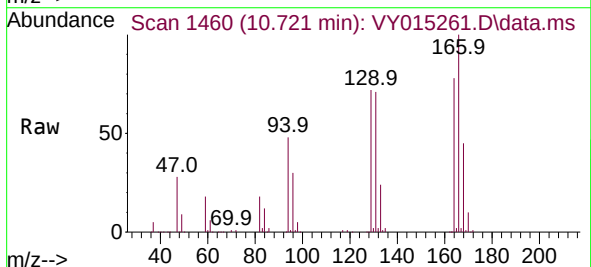
Ion Ratio Lower Upper

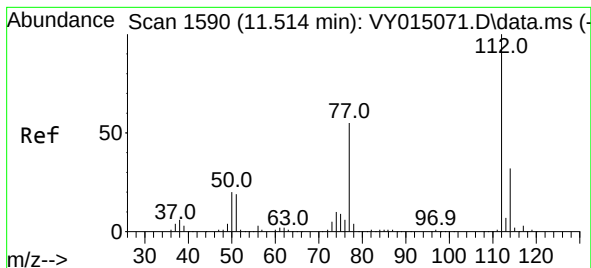
164 100

166 128.7 103.0 154.6

129 92.7 77.2 115.8

131 91.2 69.6 104.4

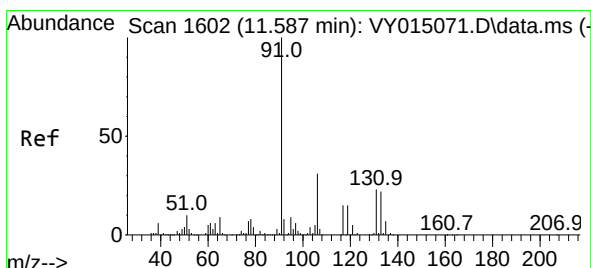
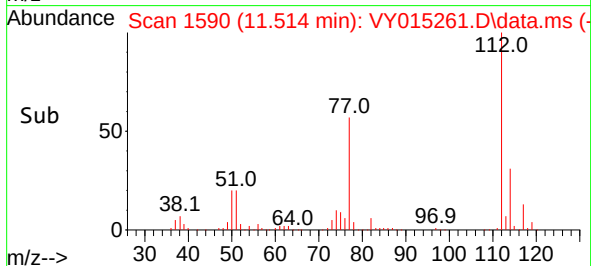
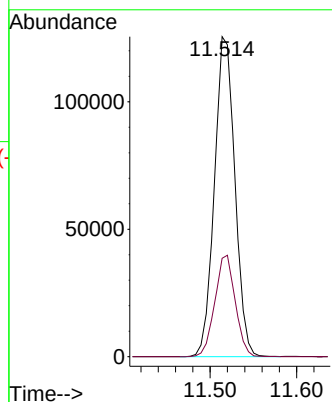
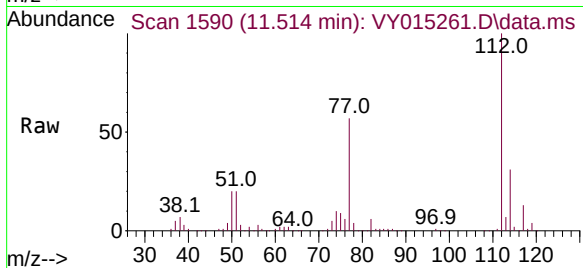




#65
Chlorobenzene
Concen: 50.417 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

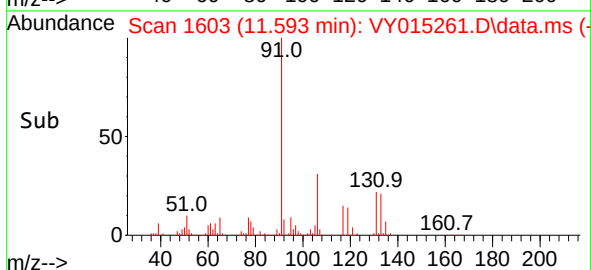
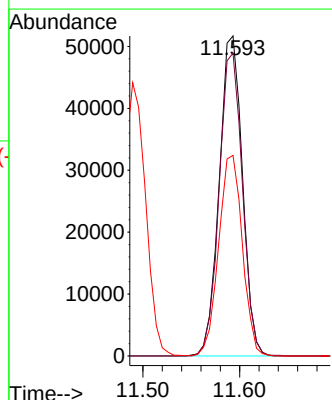
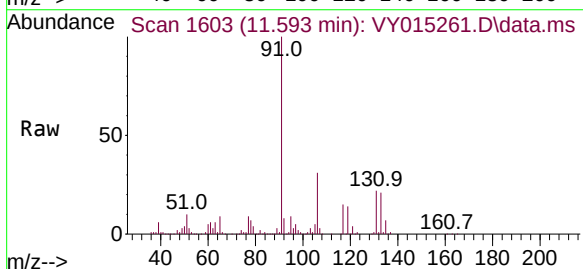
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

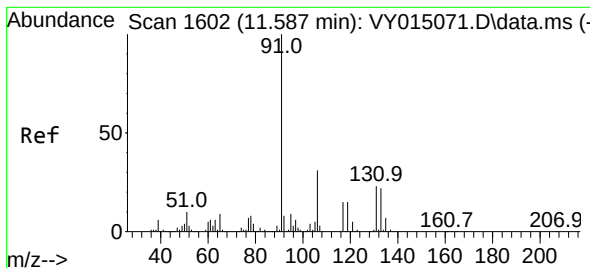
Tgt Ion:112 Resp: 206231
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.781 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:131 Resp: 85943
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 64.2 31.6 94.7





#67

Ethyl Benzene

Concen: 49.481 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

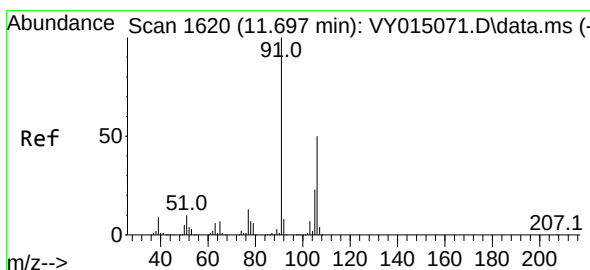
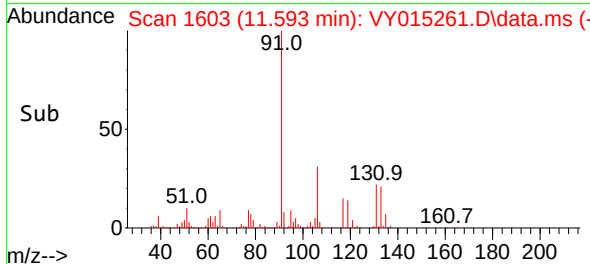
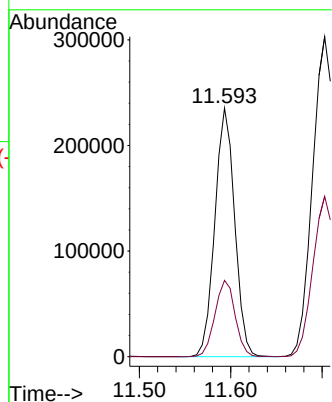
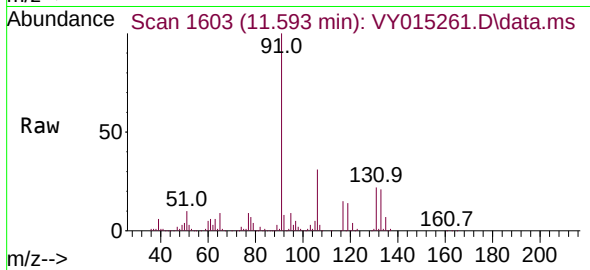
VSTDCCC050

Tgt Ion: 91 Resp: 354625

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 99.086 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015261.D

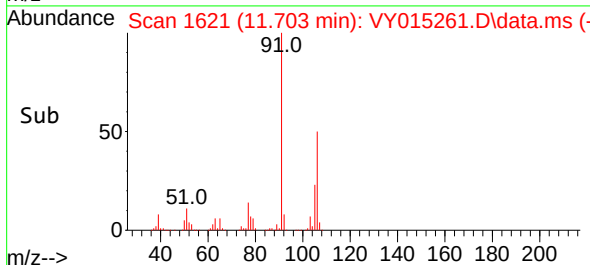
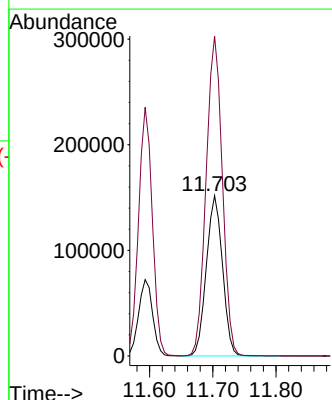
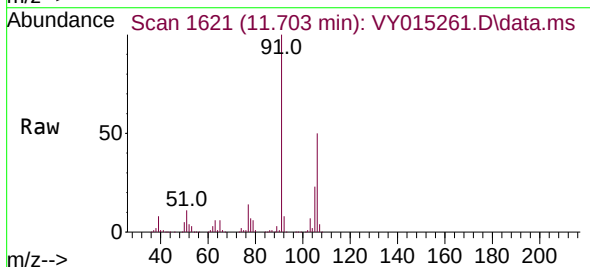
Acq: 22 Aug 2023 21:54

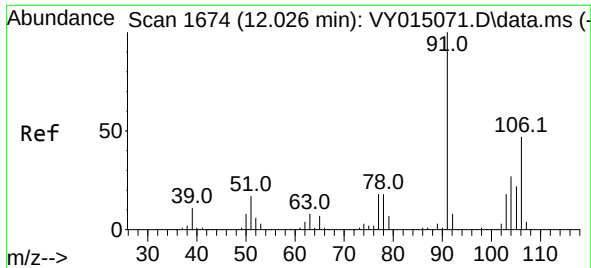
Tgt Ion: 106 Resp: 269714

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1

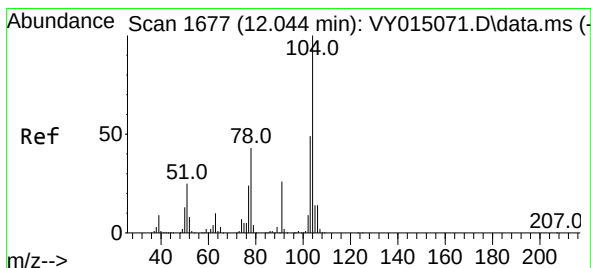
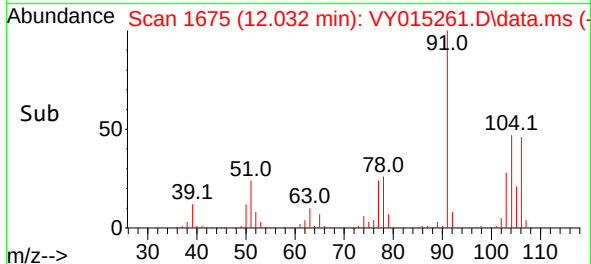
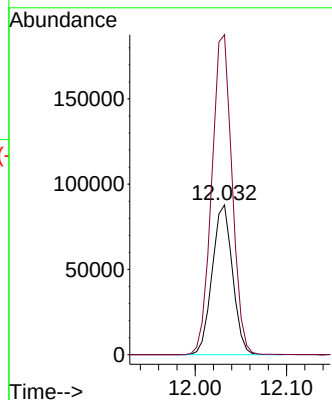
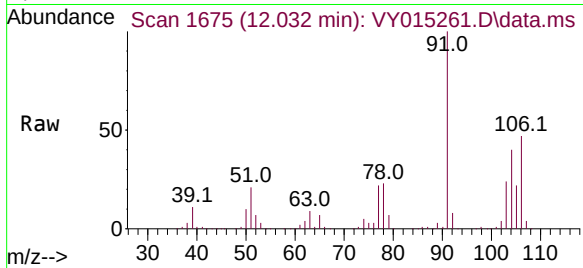




#69
o-Xylene
Concen: 49.991 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

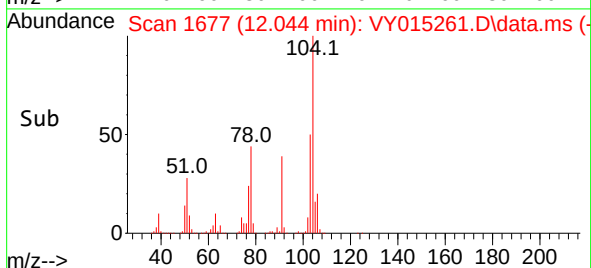
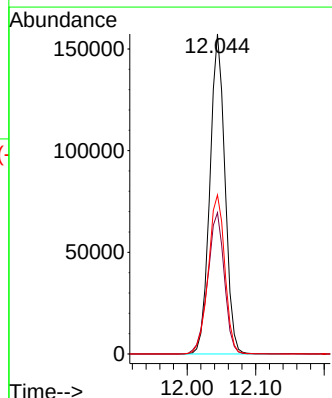
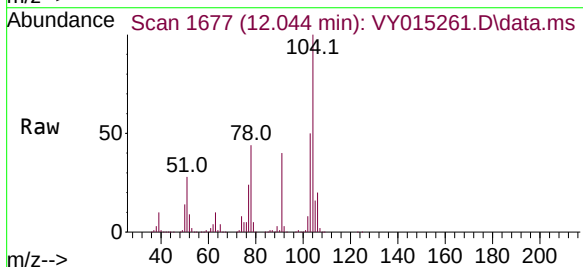
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

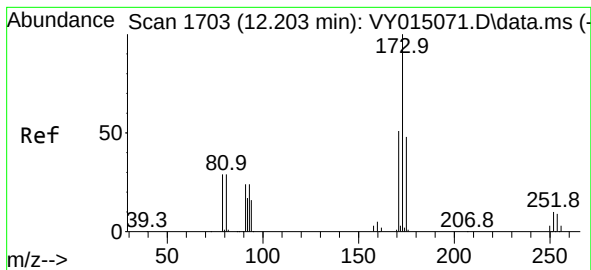
Tgt Ion:106 Resp: 135558
Ion Ratio Lower Upper
106 100
91 213.9 108.1 324.3



#70
Styrene
Concen: 51.372 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:104 Resp: 241098
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 50.561 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

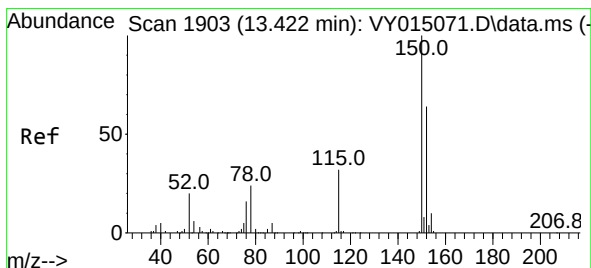
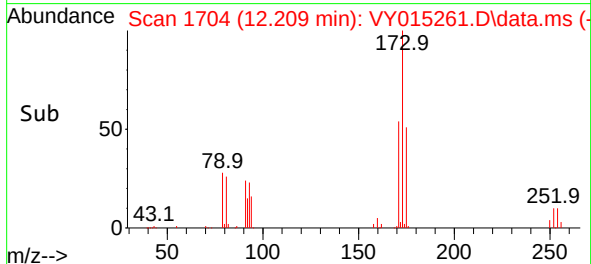
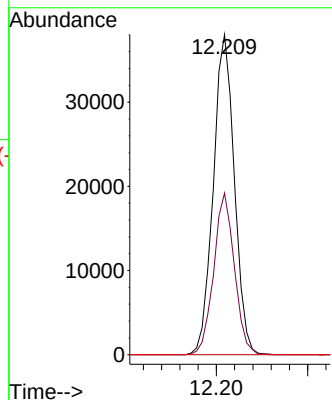
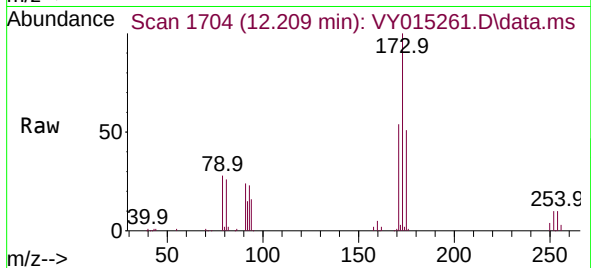
Tgt Ion:173 Resp: 60834

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

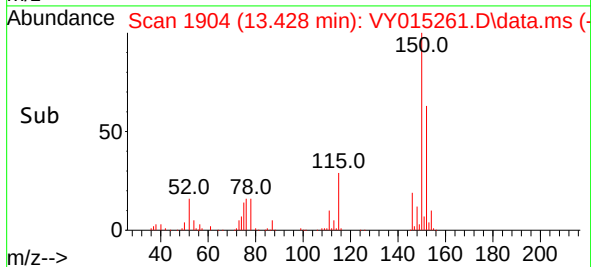
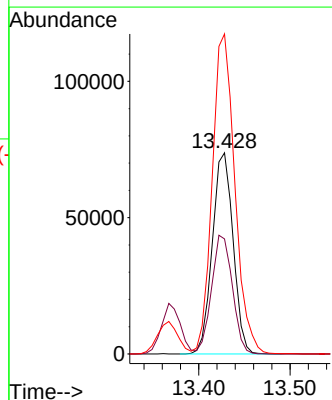
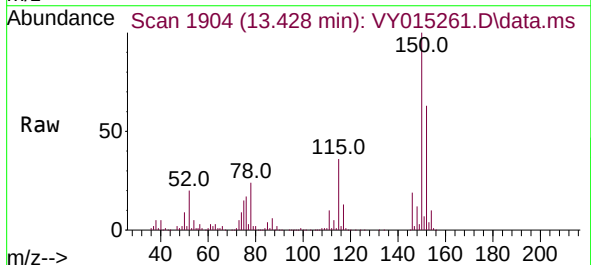
Tgt Ion:152 Resp: 116218

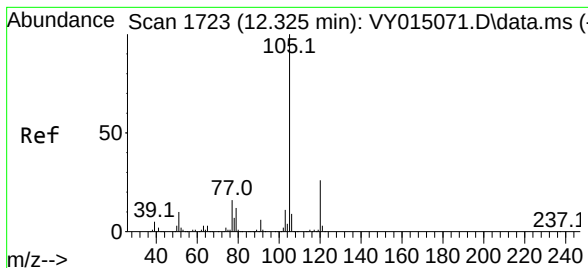
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 173.7 0.0 348.8





#73

Isopropylbenzene

Concen: 49.077 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

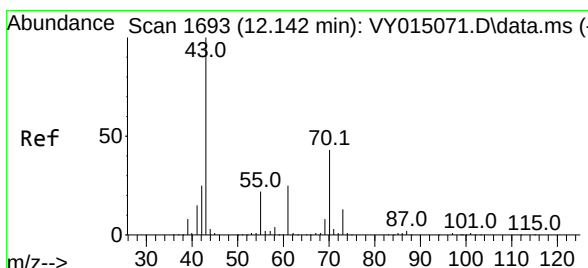
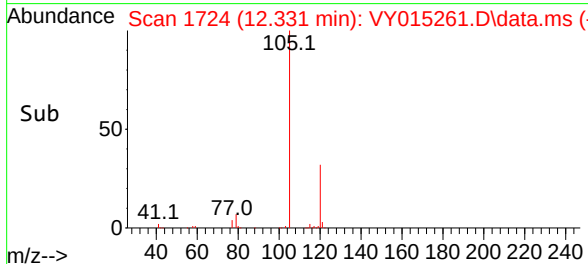
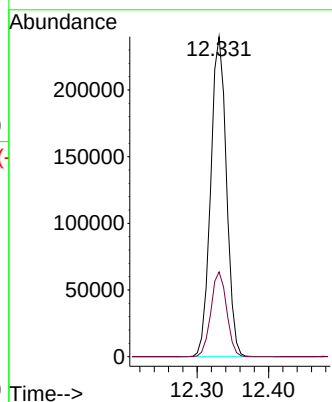
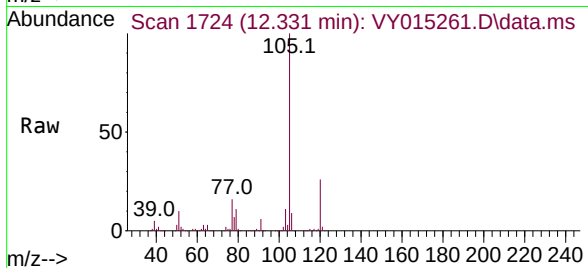
VSTDCCC050

Tgt Ion:105 Resp: 366760

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 49.725 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Tgt Ion: 43 Resp: 134167

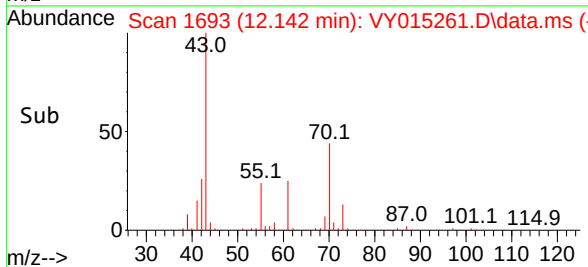
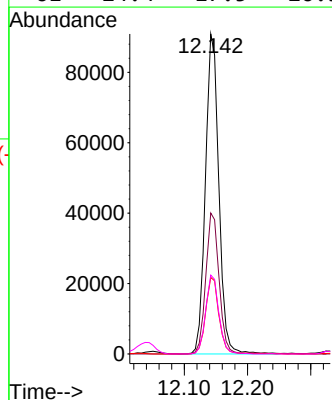
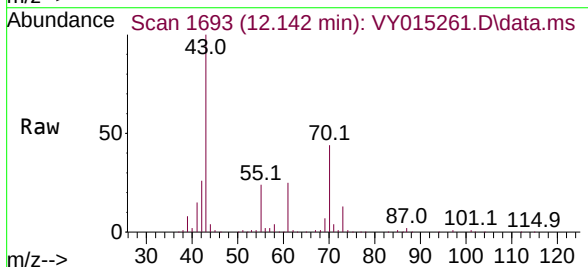
Ion Ratio Lower Upper

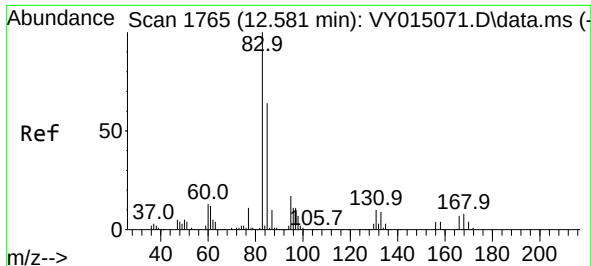
43 100

70 43.7 29.7 44.5

55 23.8 18.3 27.5

61 24.4 17.5 26.3

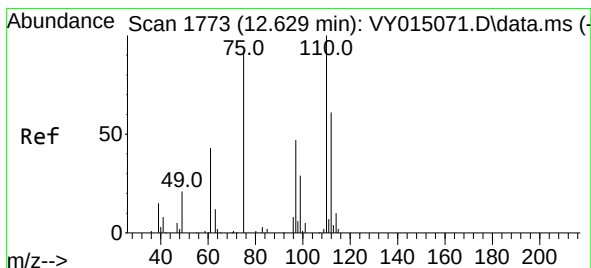
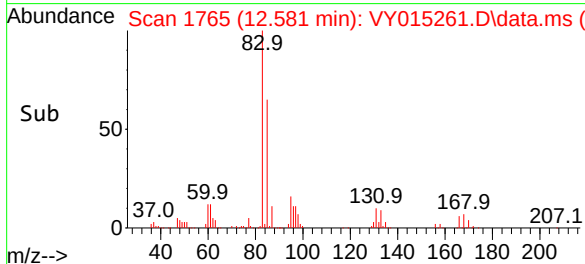
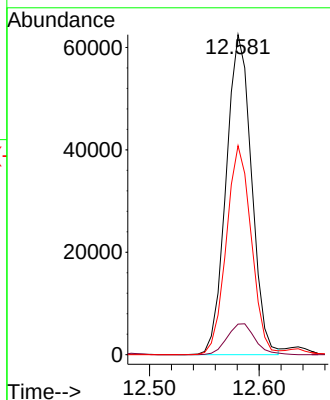
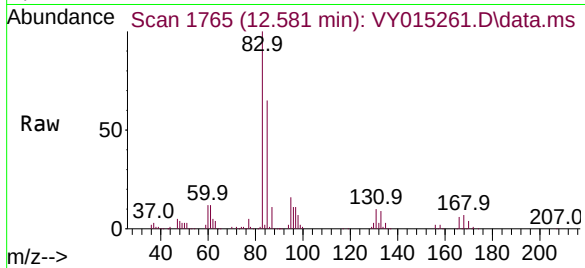




#75
1,1,2,2-Tetrachloroethane
Concen: 51.695 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

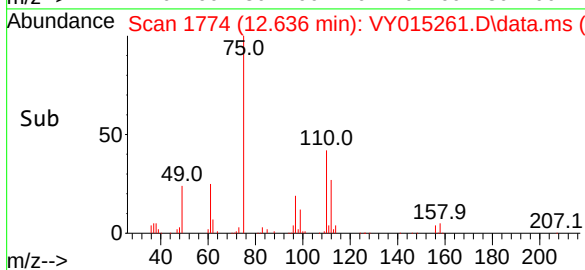
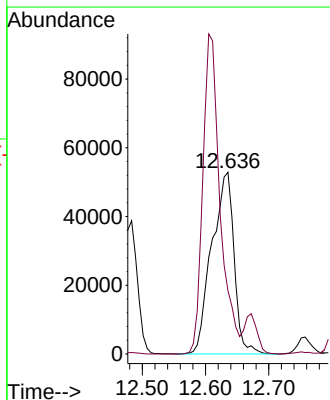
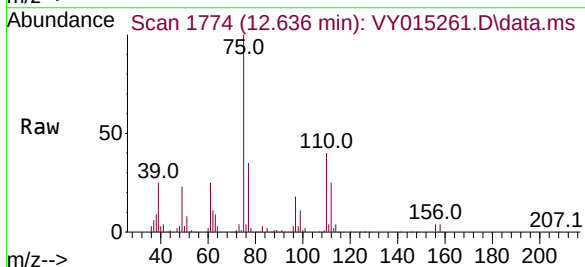
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

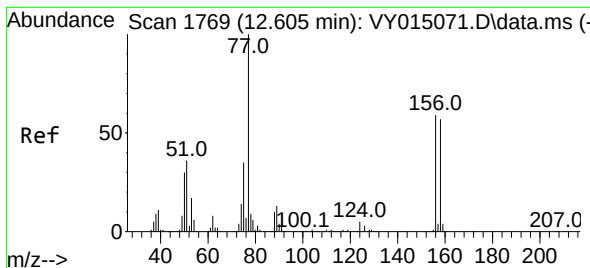
Tgt Ion: 83 Resp: 100617
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 91.631 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 75 Resp: 129380
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.568 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

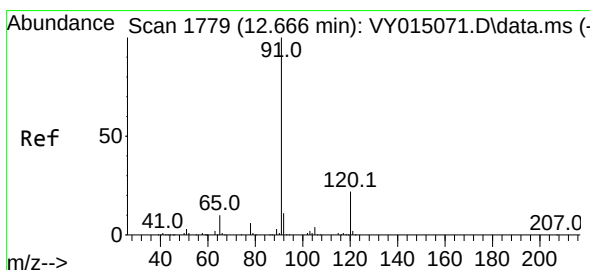
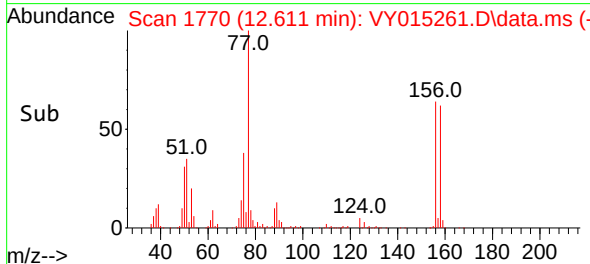
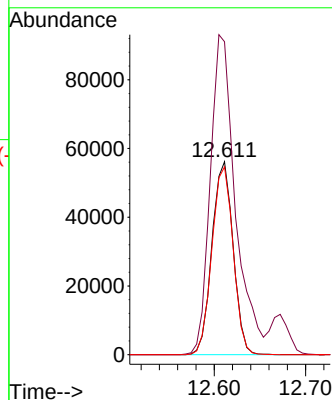
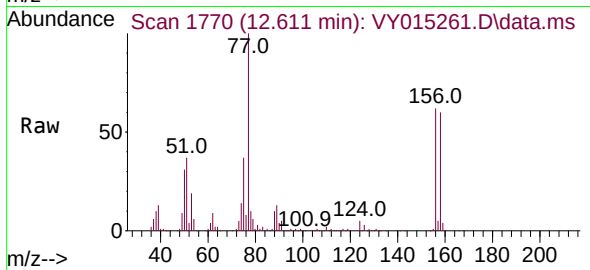
Tgt Ion:156 Resp: 90294

Ion Ratio Lower Upper

156 100

77 196.3 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 49.286 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015261.D

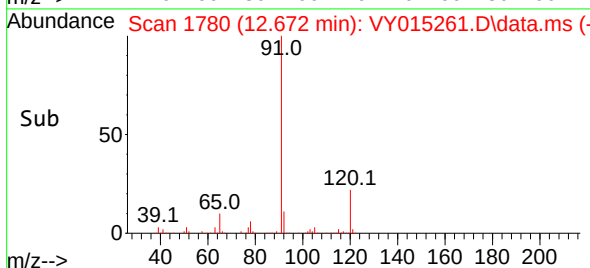
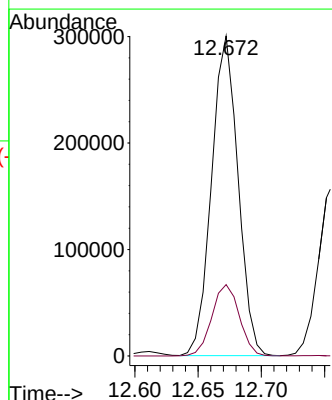
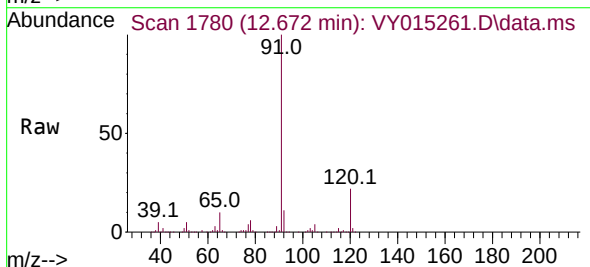
Acq: 22 Aug 2023 21:54

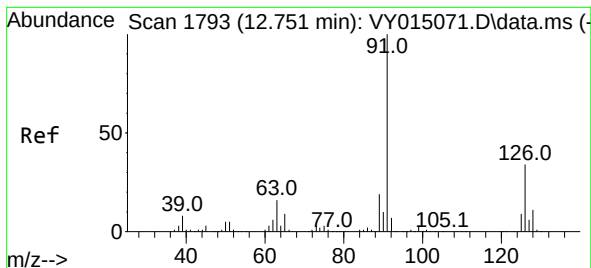
Tgt Ion: 91 Resp: 437384

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.489 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

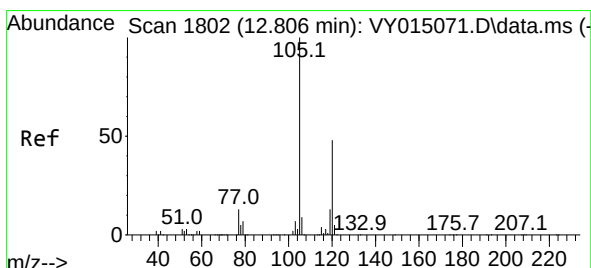
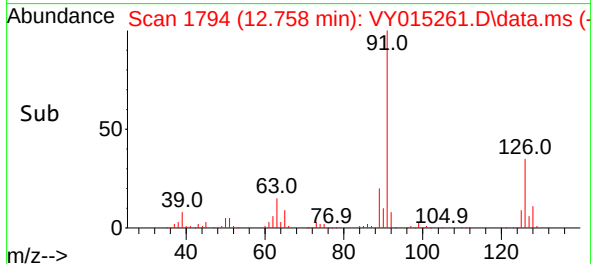
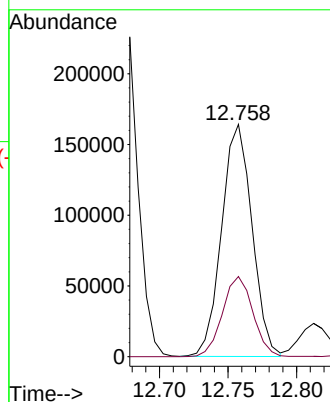
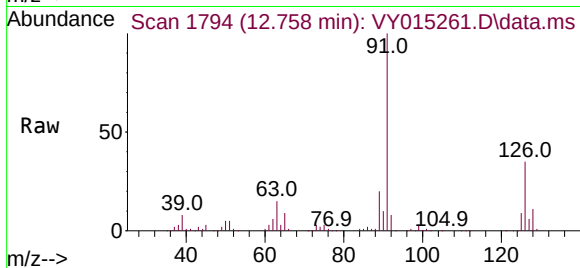
VSTDCCC050

Tgt Ion: 91 Resp: 253356

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.587 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015261.D

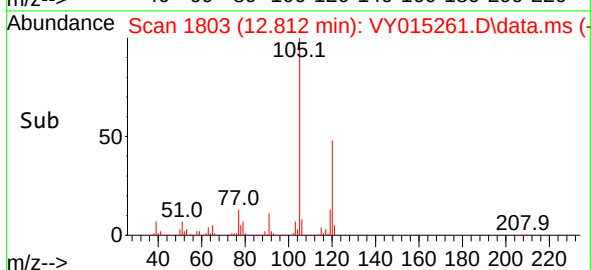
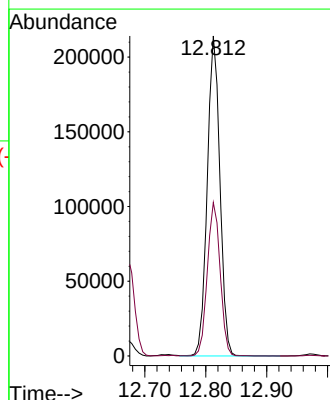
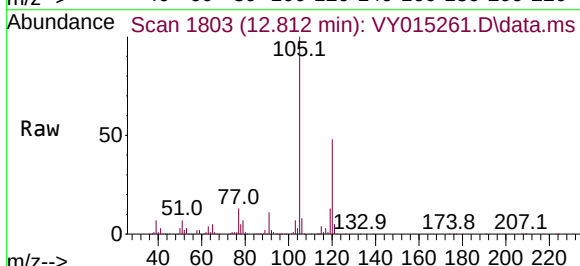
Acq: 22 Aug 2023 21:54

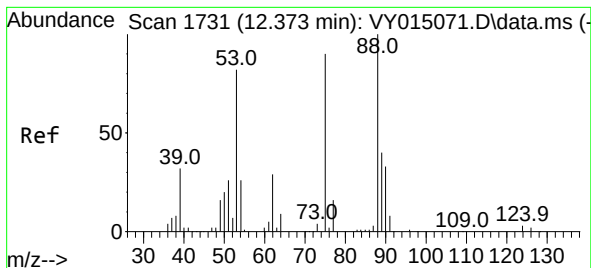
Tgt Ion: 105 Resp: 308897

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.7

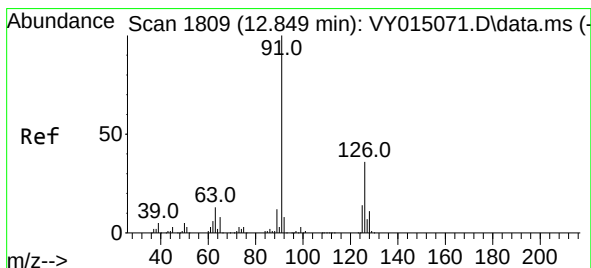
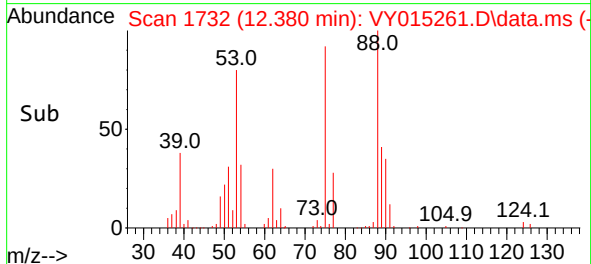
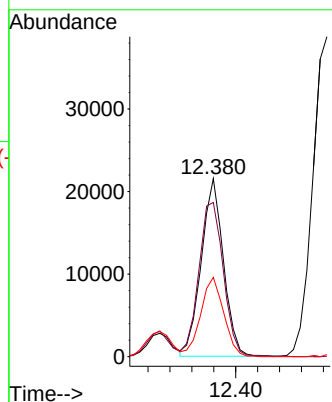
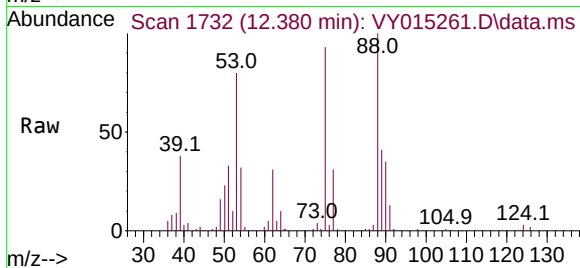




#81
trans-1,4-Dichloro-2-butene
Concen: 47.045 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

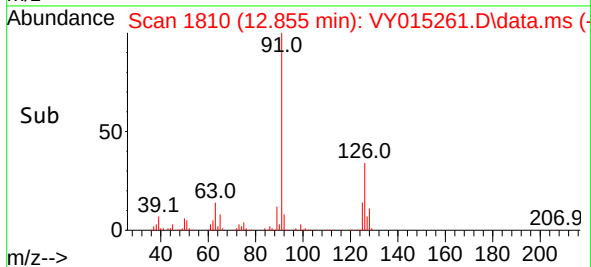
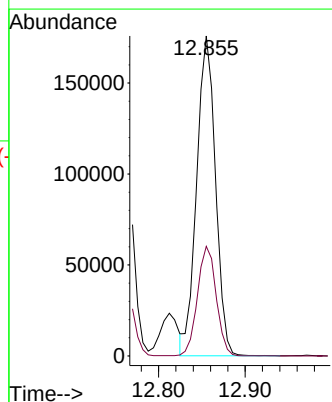
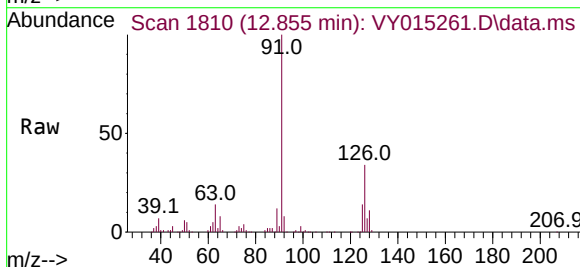
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

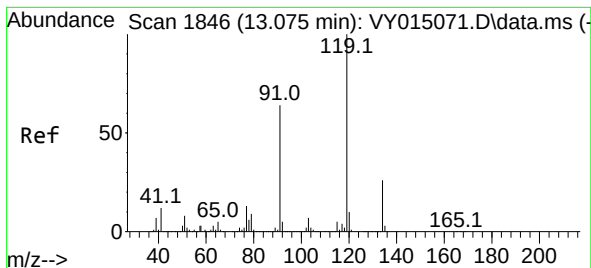
Tgt Ion: 75 Resp: 30242
Ion Ratio Lower Upper
75 100
53 96.7 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.150 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion: 91 Resp: 265245
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.158 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

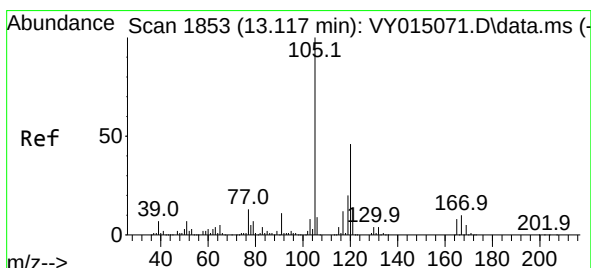
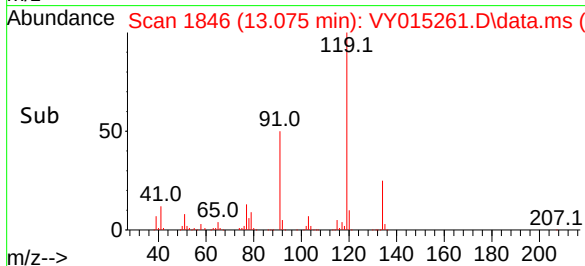
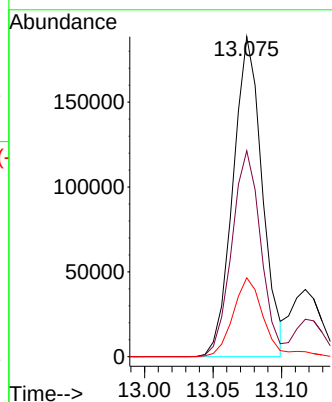
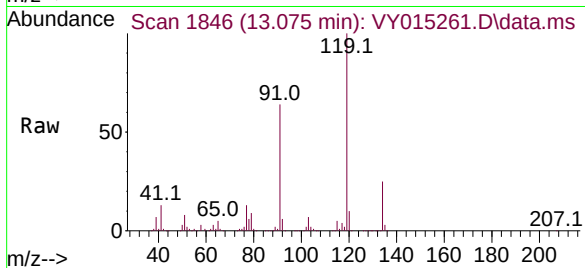
Tgt Ion:119 Resp: 280097

Ion Ratio Lower Upper

119 100

91 64.0 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.680 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015261.D

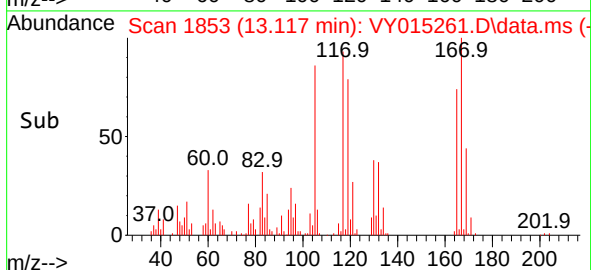
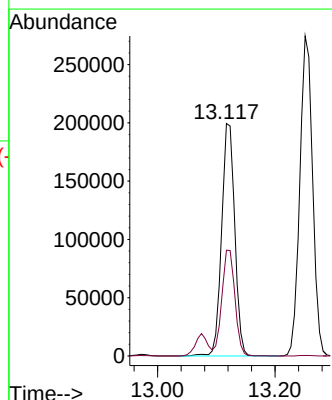
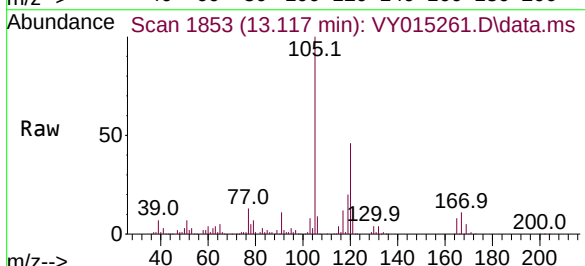
Acq: 22 Aug 2023 21:54

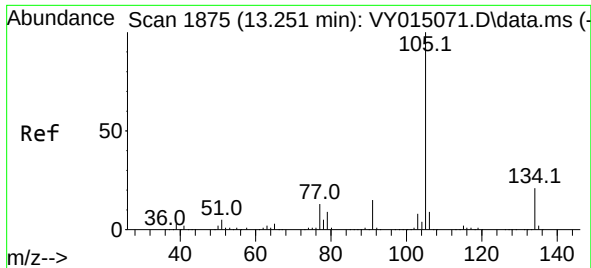
Tgt Ion:105 Resp: 309246

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6

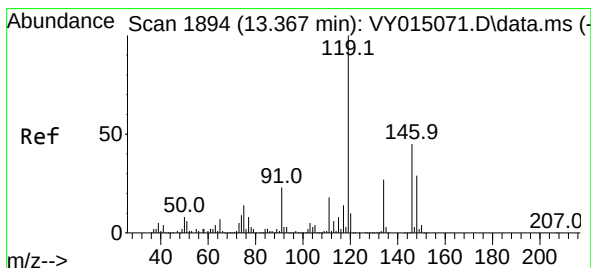
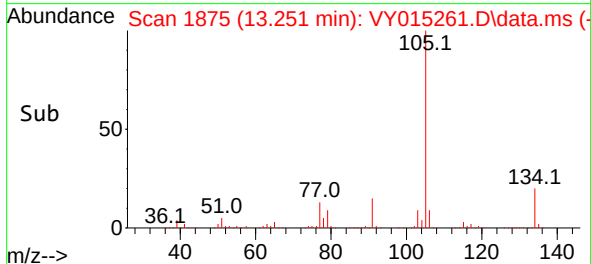
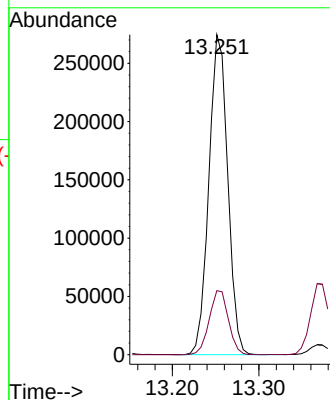
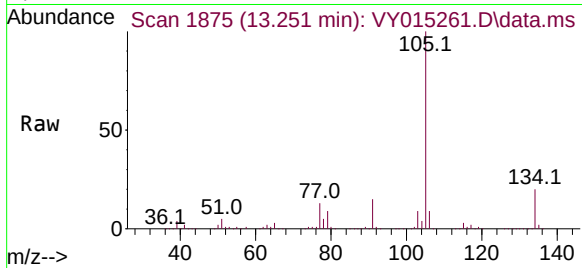




#85
 sec-Butylbenzene
 Concen: 49.683 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015261.D
 Acq: 22 Aug 2023 21:54

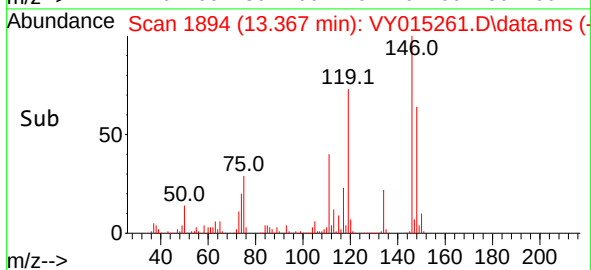
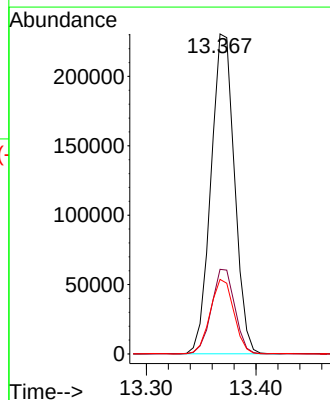
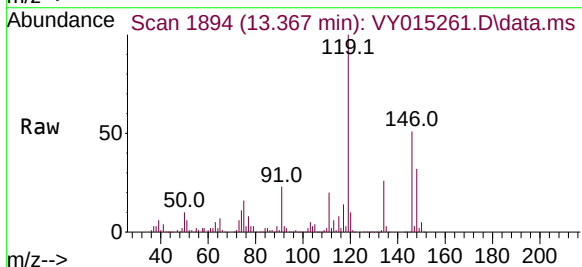
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

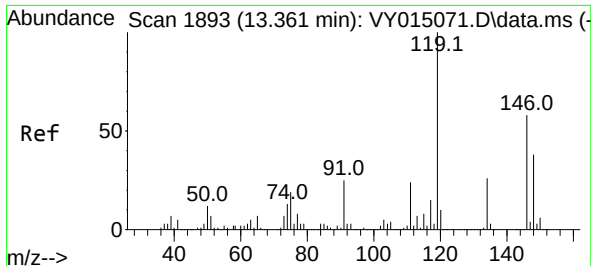
Tgt Ion:105 Resp: 414787
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 49.648 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015261.D
 Acq: 22 Aug 2023 21:54

Tgt Ion:119 Resp: 343652
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.6 12.4 37.4

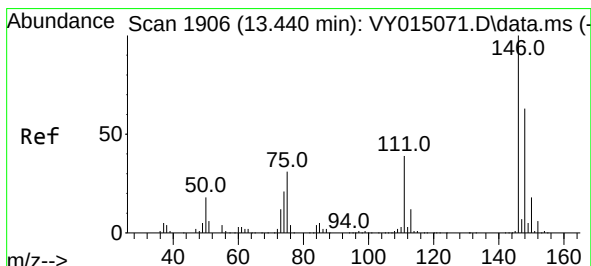
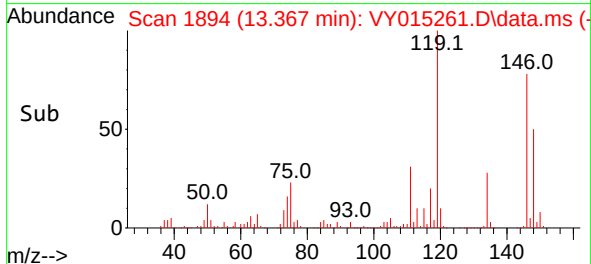
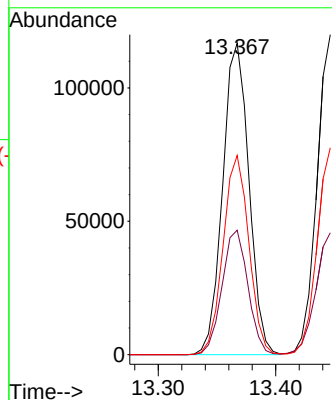
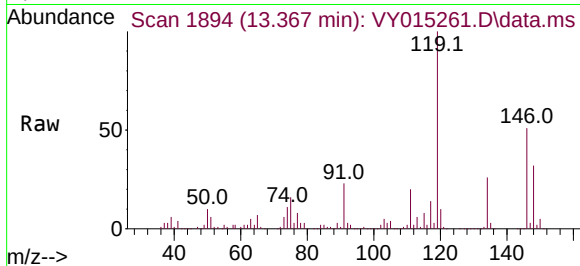




#87
1,3-Dichlorobenzene
Concen: 50.170 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

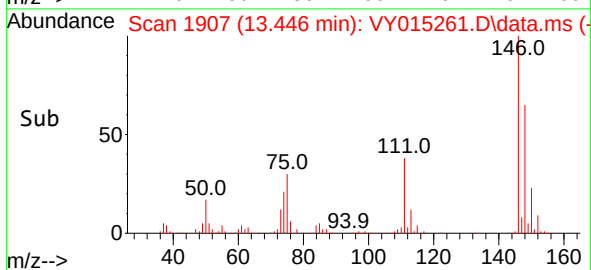
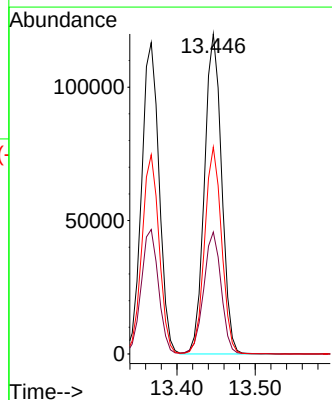
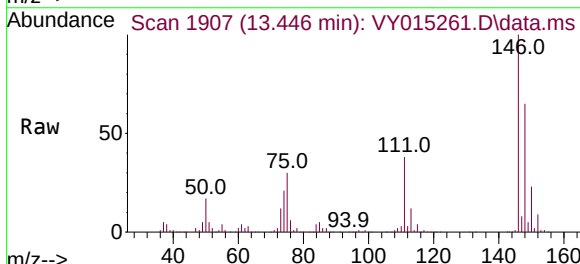
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

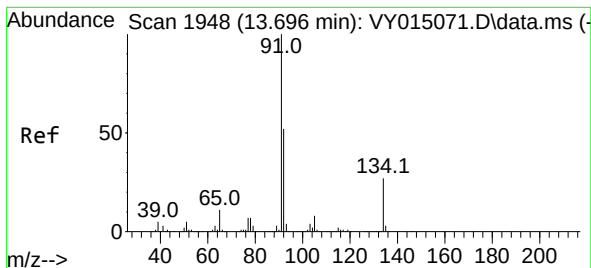
Tgt Ion:146 Resp: 181267
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 62.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.243 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:146 Resp: 182077
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 49.049 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

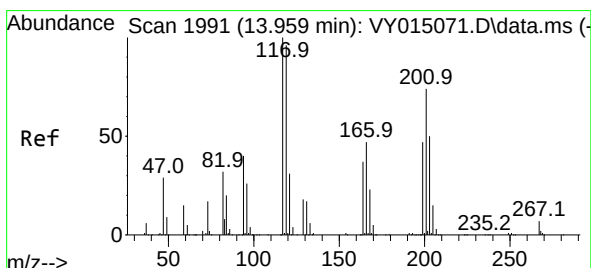
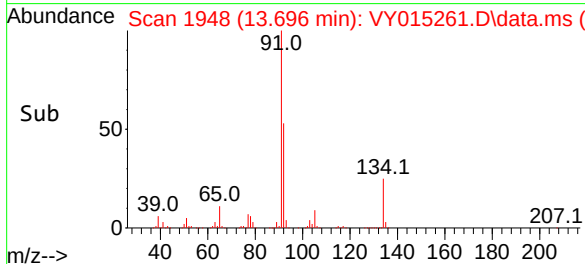
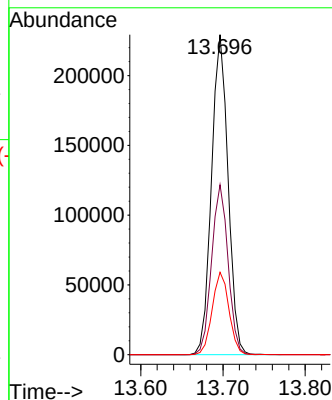
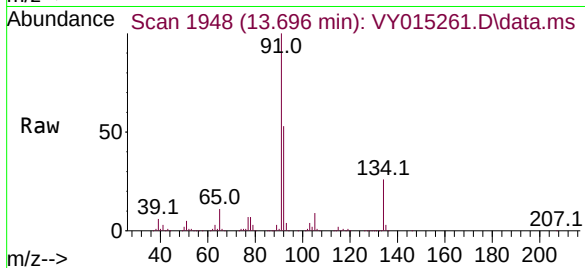
Tgt Ion: 91 Resp: 320106

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 49.029 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015261.D

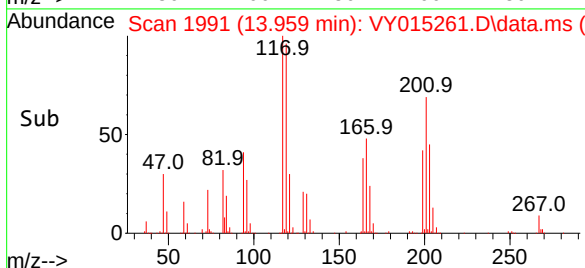
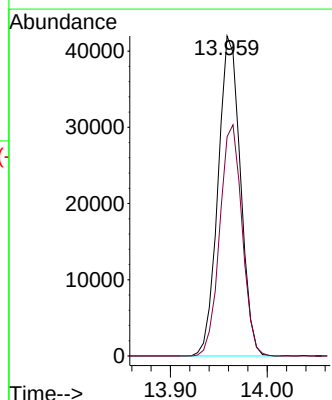
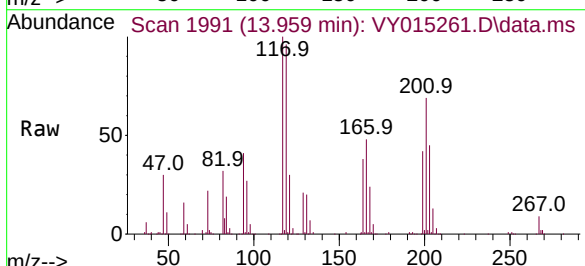
Acq: 22 Aug 2023 21:54

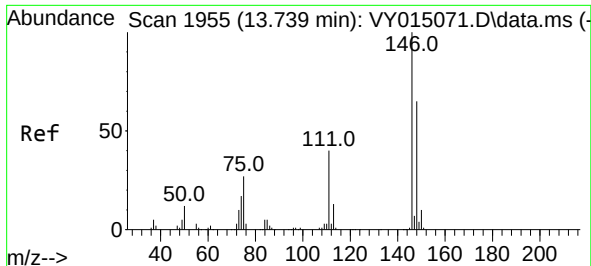
Tgt Ion: 117 Resp: 67325

Ion Ratio Lower Upper

117 100

201 72.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.228 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

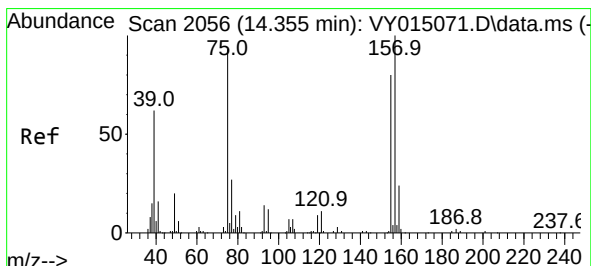
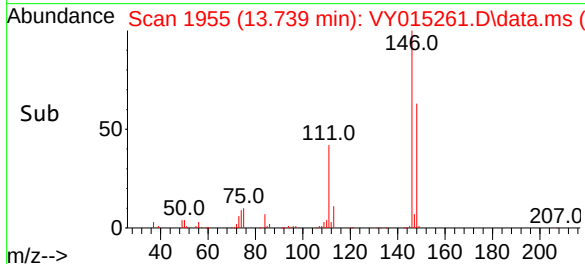
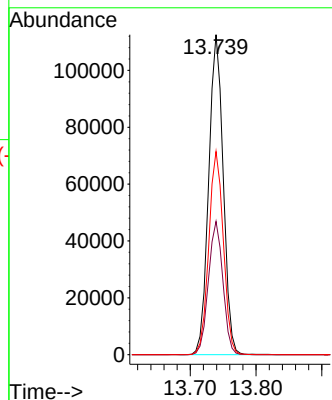
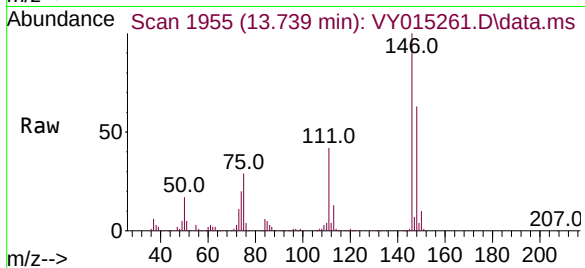
Tgt Ion:146 Resp: 172909

Ion Ratio Lower Upper

146 100

111 41.4 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.023 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

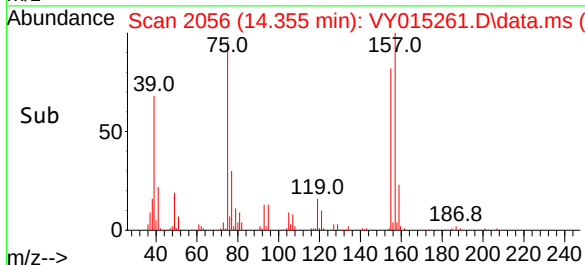
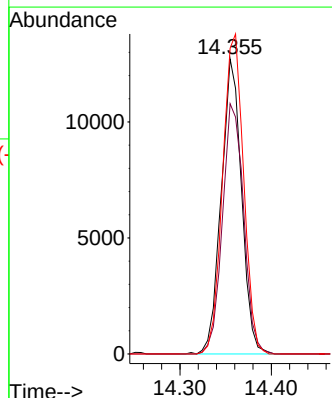
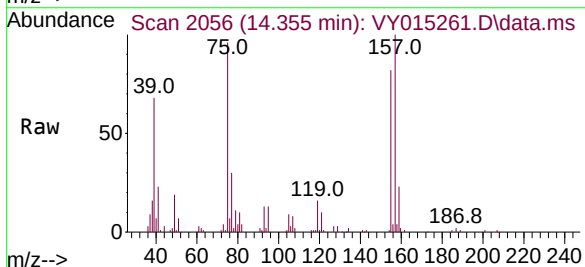
Tgt Ion: 75 Resp: 19615

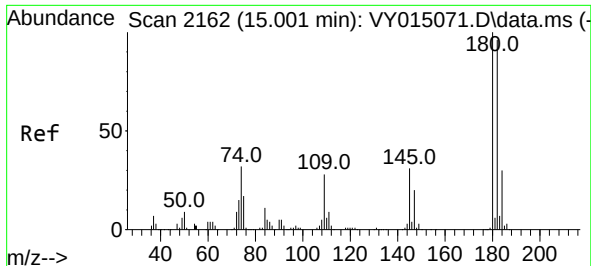
Ion Ratio Lower Upper

75 100

155 88.5 41.5 124.6

157 111.7 51.8 155.5

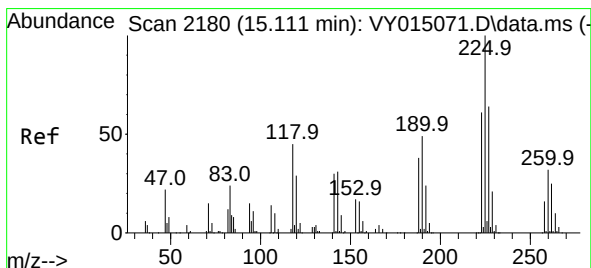
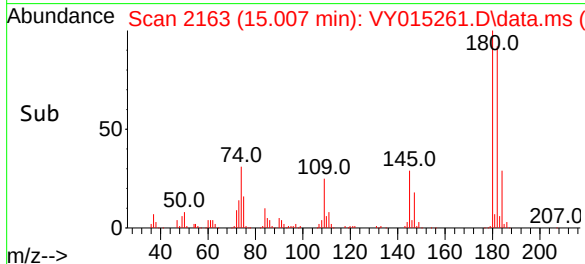
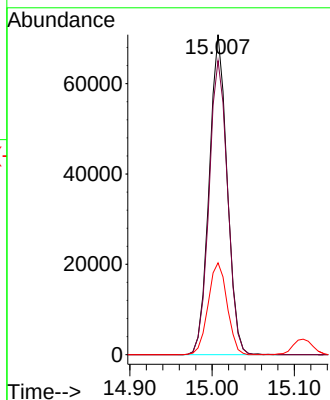
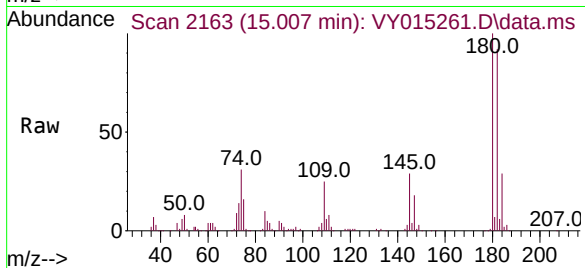




#93
1,2,4-Trichlorobenzene
Concen: 49.611 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

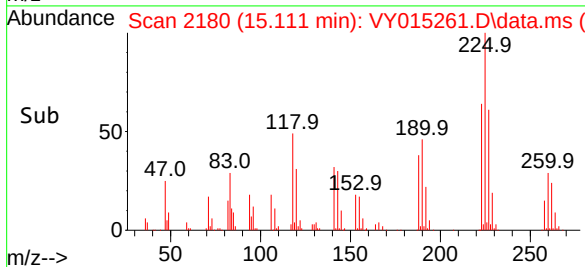
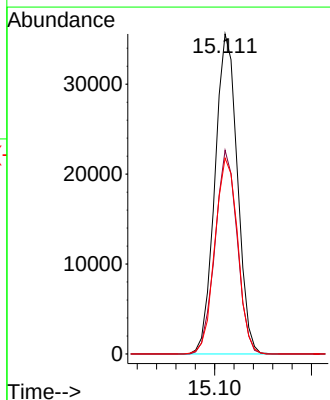
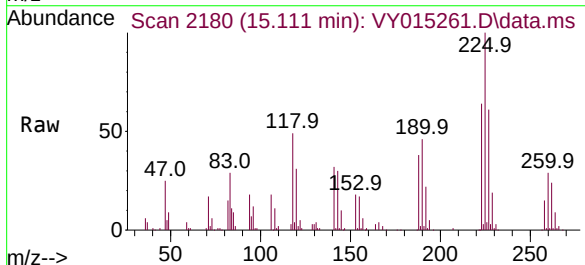
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

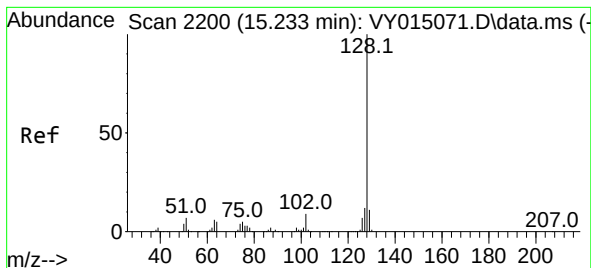
Tgt Ion:180 Resp: 107503
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.2
145 30.3 14.5 43.5



#94
Hexachlorobutadiene
Concen: 48.643 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015261.D
Acq: 22 Aug 2023 21:54

Tgt Ion:225 Resp: 57335
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 62.2 33.0 98.9





#95

Naphthalene

Concen: 50.993 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

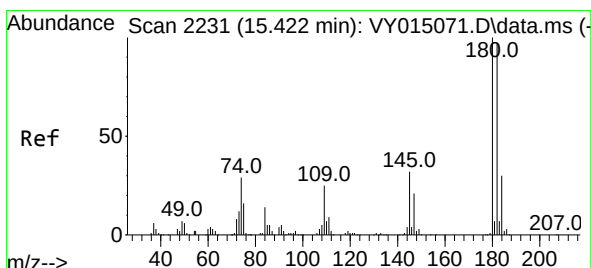
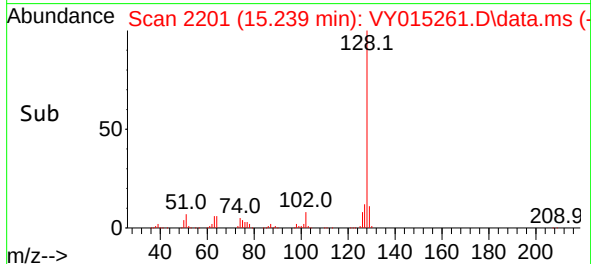
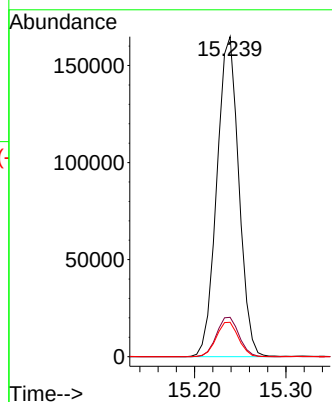
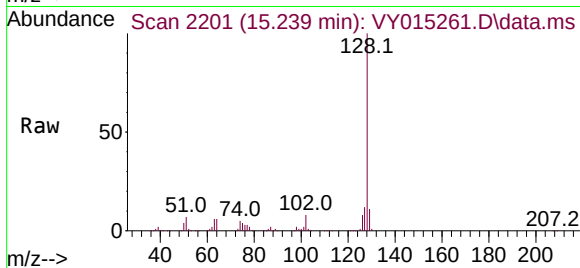
Tgt Ion:128 Resp: 275254

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.565 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015261.D

Acq: 22 Aug 2023 21:54

Tgt Ion:180 Resp: 98954

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.9 15.4 46.2

