

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015877.D
 Acq On : 09 Oct 2023 12:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 14:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	211923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	342762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	302205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88815	42.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.200%
35) Dibromofluoromethane	7.722	113	95914	49.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.185	98	330257	52.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.489	95	123796	47.745	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45907	47.104	ug/l	99
3) Chloromethane	2.119	50	49578	45.775	ug/l	98
4) Vinyl Chloride	2.253	62	62695	45.959	ug/l	99
5) Bromomethane	2.650	94	48945	51.033	ug/l	100
6) Chloroethane	2.796	64	48508	49.784	ug/l	93
7) Trichlorofluoromethane	3.125	101	127302	48.099	ug/l	95
8) Diethyl Ether	3.534	74	47305	40.996	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	85652	49.650	ug/l	94
10) Methyl Iodide	4.094	142	84971	51.697	ug/l	96
11) Tert butyl alcohol	4.948	59	61560	131.876	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	69179	50.144	ug/l	91
13) Acrolein	3.729	56	23847	148.253	ug/l	97
14) Allyl chloride	4.479	41	119571	45.971	ug/l	92
15) Acrylonitrile	5.161	53	135302	150.318	ug/l	98
16) Acetone	3.948	43	140140	129.735	ug/l	91
17) Carbon Disulfide	4.198	76	102106	46.403	ug/l	99
18) Methyl Acetate	4.479	43	105654	30.053	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	251294	38.537	ug/l	100
20) Methylene Chloride	4.716	84	96380	40.533	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	78621	49.473	ug/l	97
22) Diisopropyl ether	6.125	45	303358	44.915	ug/l	88
23) Vinyl Acetate	6.064	43	752606	184.105	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	173508	48.378	ug/l	97
25) 2-Butanone	6.990	43	187965	126.502	ug/l	94
26) 2,2-Dichloropropane	6.984	77	160531	48.166	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	109430	47.636	ug/l	94
28) Bromochloromethane	7.338	49	95574	45.567	ug/l	92
29) Tetrahydrofuran	7.350	42	108561	130.939	ug/l	92
30) Chloroform	7.508	83	188116	46.887	ug/l	100
31) Cyclohexane	7.789	56	104164	44.322	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	160242	48.856	ug/l	97
36) 1,1-Dichloropropene	7.923	75	117643	50.472	ug/l	99
37) Ethyl Acetate	7.076	43	73264	28.088	ug/l #	94
38) Carbon Tetrachloride	7.905	117	136547	49.822	ug/l	98
39) Methylcyclohexane	9.191	83	122444	49.119	ug/l	92
40) Benzene	8.167	78	358391	49.000	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015877.D
 Acq On : 09 Oct 2023 12:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 14:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	42459	34.001	ug/l	90
42) 1,2-Dichloroethane	8.240	62	111237	42.240	ug/l	93
43) Isopropyl Acetate	8.277	43	141048	31.416	ug/l	93
44) Trichloroethene	8.947	130	103377	48.295	ug/l	99
45) 1,2-Dichloropropane	9.222	63	102669	47.458	ug/l	99
46) Dibromomethane	9.307	93	57037	41.239	ug/l	97
47) Bromodichloromethane	9.502	83	147739	46.019	ug/l	97
48) Methyl methacrylate	9.295	41	62124	31.682	ug/l #	87
49) 1,4-Dioxane	9.301	88	16278	525.408	ug/l #	64
51) 4-Methyl-2-Pentanone	10.075	43	395082	140.669	ug/l	91
52) Toluene	10.246	92	236659	49.454	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	147791	43.873	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	166738	46.626	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	87566	40.300	ug/l	97
56) Ethyl methacrylate	10.514	69	115652	36.710	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	144126	41.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	364522	198.573	ug/l	95
59) 2-Hexanone	10.837	43	286208	131.324	ug/l	89
60) Dibromochloromethane	10.990	129	108568	43.260	ug/l	99
61) 1,2-Dibromoethane	11.093	107	78328	38.574	ug/l	99
64) Tetrachloroethene	10.727	164	102897	48.441	ug/l	98
65) Chlorobenzene	11.520	112	274385	49.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	109911	47.831	ug/l	97
67) Ethyl Benzene	11.599	91	487190	50.931	ug/l	99
68) m/p-Xylenes	11.709	106	366409	100.765	ug/l	96
69) o-Xylene	12.032	106	183567	50.753	ug/l	97
70) Styrene	12.050	104	314294	49.776	ug/l	96
71) Bromoform	12.209	173	68338	39.883	ug/l #	99
73) Isopropylbenzene	12.337	105	504463	52.109	ug/l	100
74) N-amyl acetate	12.148	43	128873	34.450	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	104554	36.562	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	134568	60.827	ug/l #	100
77) Bromobenzene	12.611	156	117369	49.008	ug/l	99
78) n-propylbenzene	12.678	91	608933	52.514	ug/l	100
79) 2-Chlorotoluene	12.764	91	343947	51.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	420003	52.058	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	34315	35.906	ug/l	91
82) 4-Chlorotoluene	12.861	91	352673	50.462	ug/l	99
83) tert-Butylbenzene	13.081	119	386108	52.356	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	415643	51.281	ug/l	98
85) sec-Butylbenzene	13.257	105	580093	53.615	ug/l	99
86) p-Isopropyltoluene	13.373	119	480016	53.276	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	236525	49.327	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	235982	48.675	ug/l	99
89) n-Butylbenzene	13.702	91	453971	52.950	ug/l	97
90) Hexachloroethane	13.965	117	93593	53.218	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	215719	47.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16706	29.114	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	136964	46.598	ug/l	99
94) Hexachlorobutadiene	15.117	225	78614	51.331	ug/l	97
95) Naphthalene	15.239	128	275289	35.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	117981	42.841	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
Data File : VY015877.D
Acq On : 09 Oct 2023 12:45
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

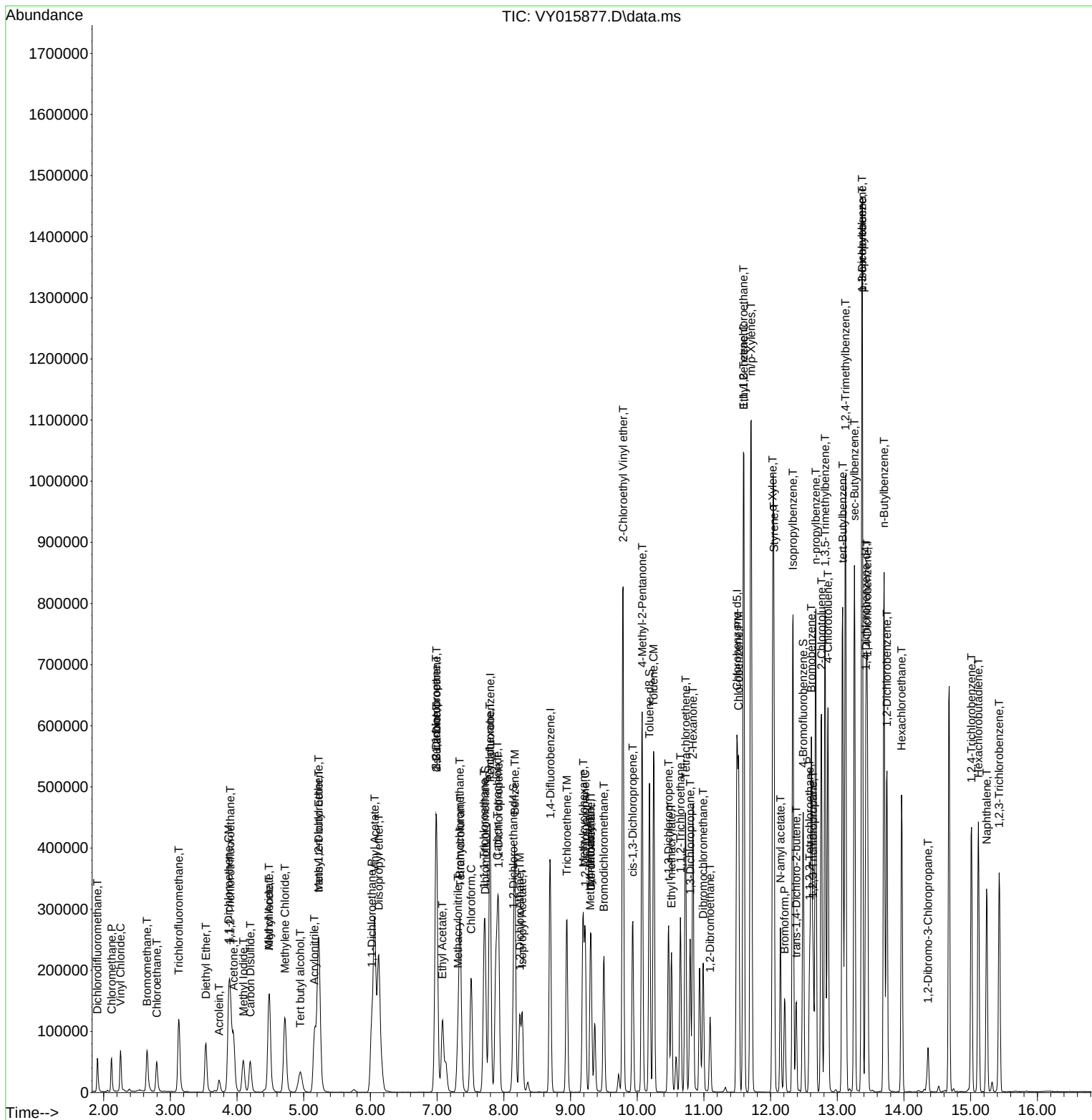
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

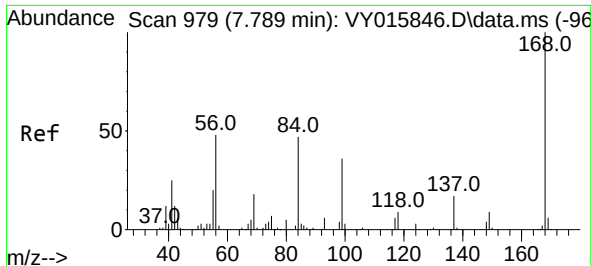
Quant Time: Oct 09 14:36:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Oct 09 14:36:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
Response via : Initial Calibration

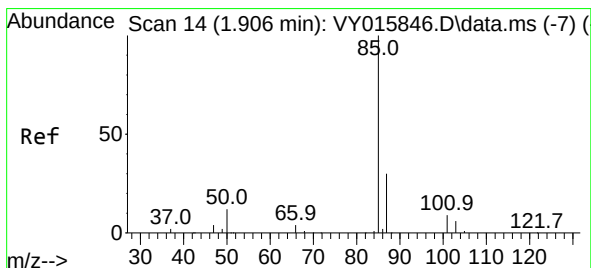
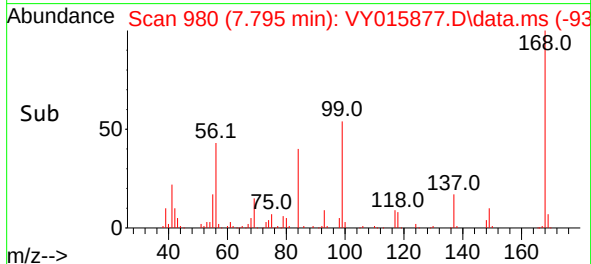
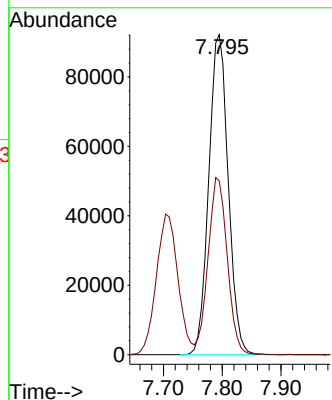
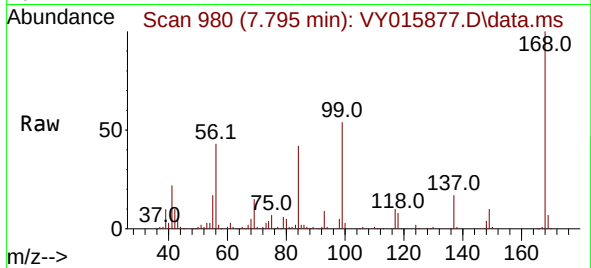




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

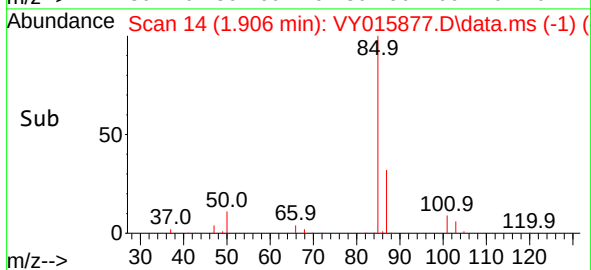
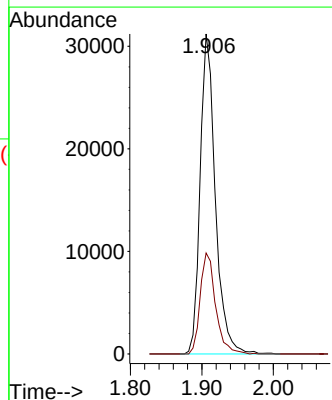
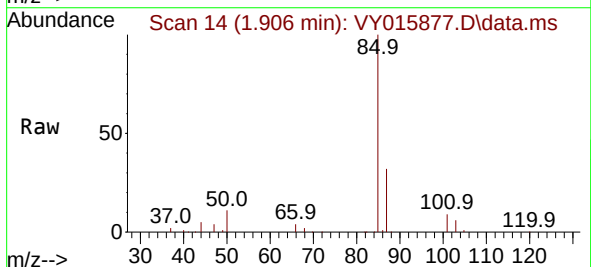
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

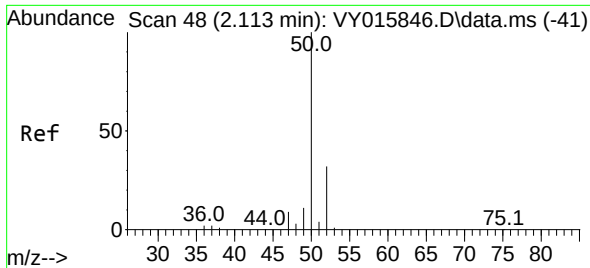
Tgt Ion:168 Resp: 211923
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.104 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 85 Resp: 45907
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

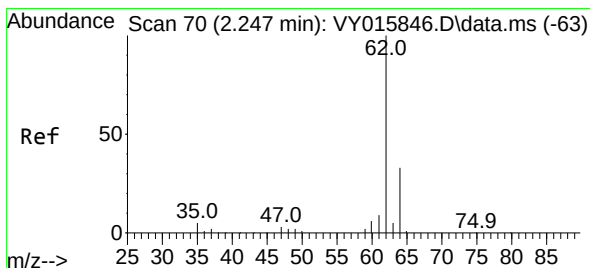
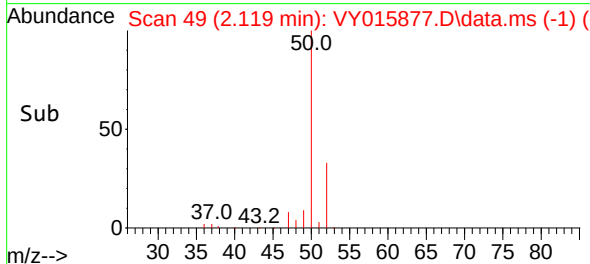
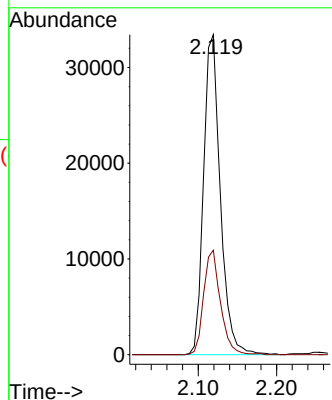
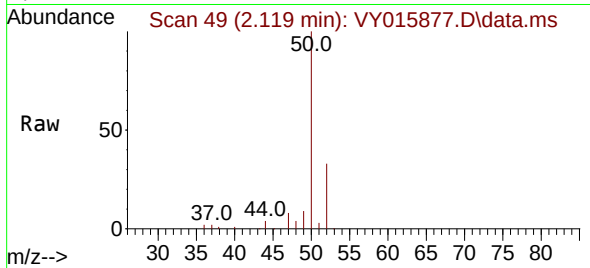




#3
Chloromethane
Concen: 45.775 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

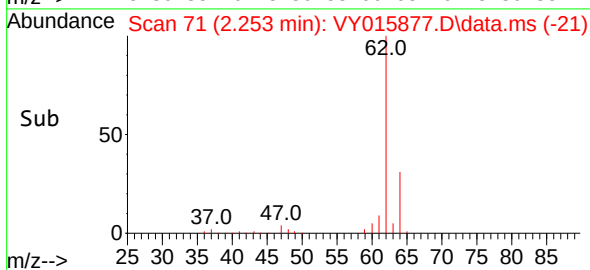
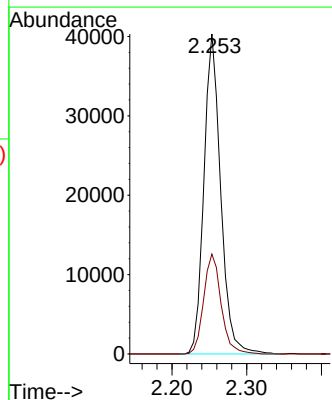
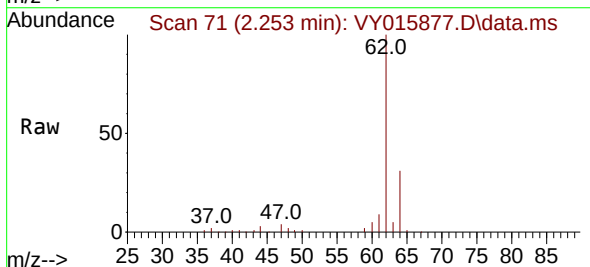
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

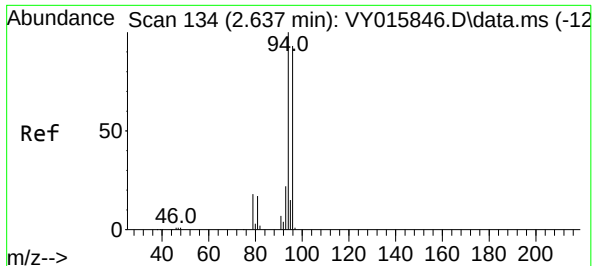
Tgt Ion: 50 Resp: 49578
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 45.959 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 62 Resp: 62695
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

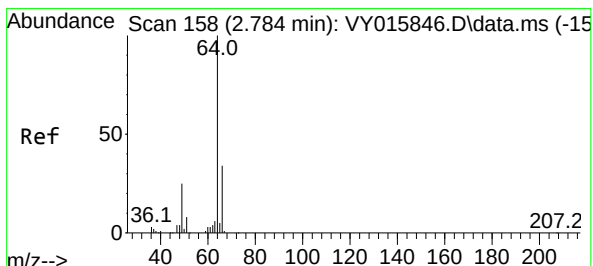
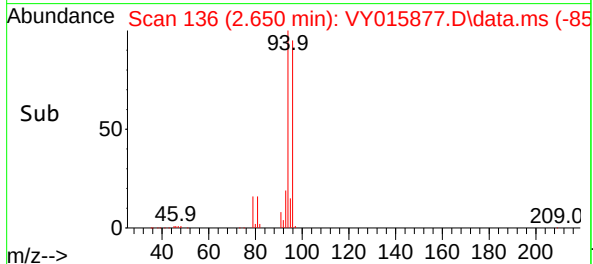
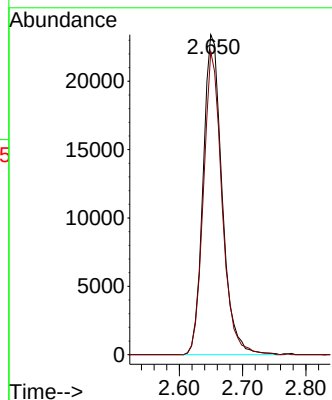
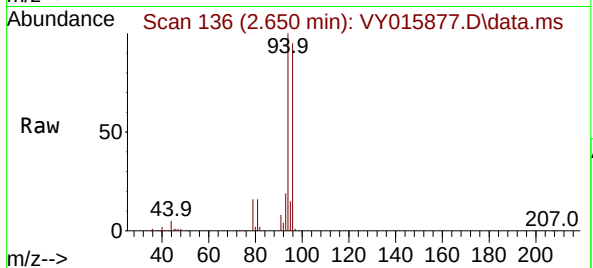




#5
Bromomethane
Concen: 51.033 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

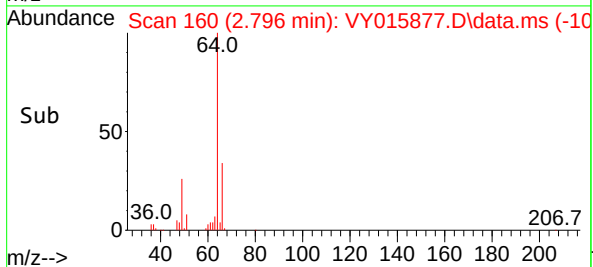
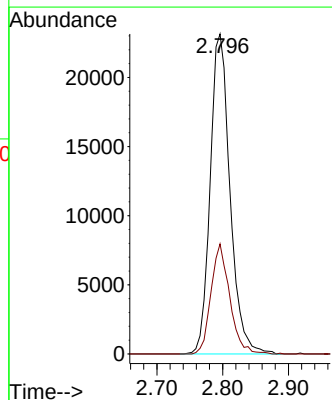
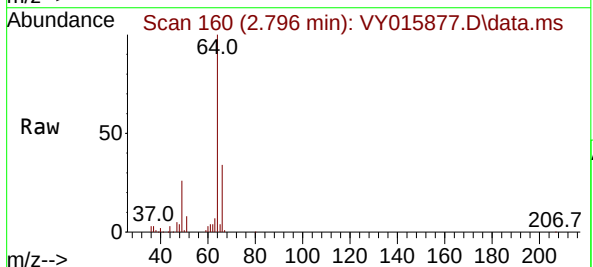
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

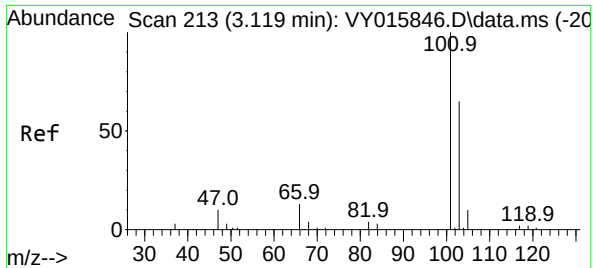
Tgt Ion: 94 Resp: 48945
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 49.784 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 64 Resp: 48508
Ion Ratio Lower Upper
64 100
66 34.4 24.4 36.6

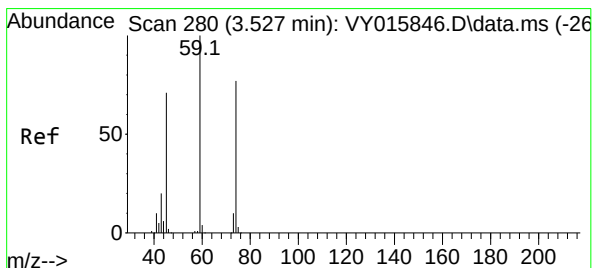
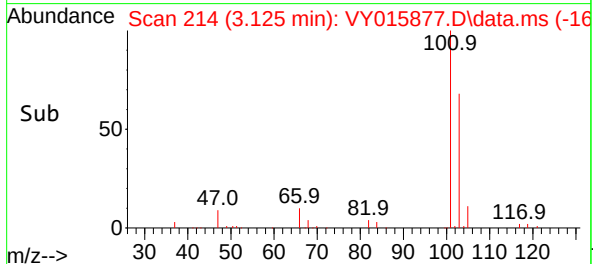
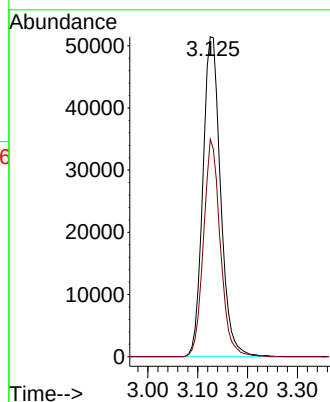
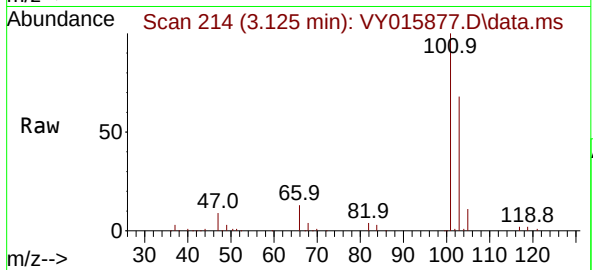




#7
 Trichlorofluoromethane
 Concen: 48.099 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015877.D
 Acq: 09 Oct 2023 12:45

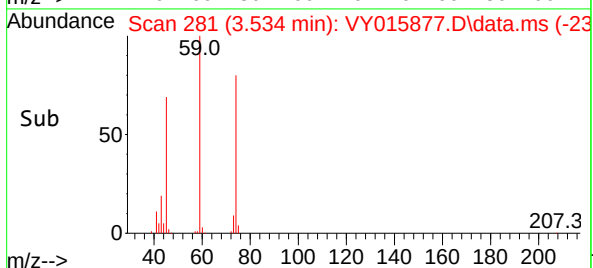
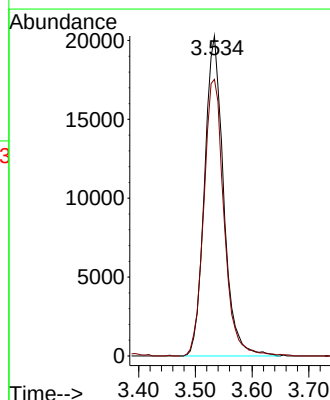
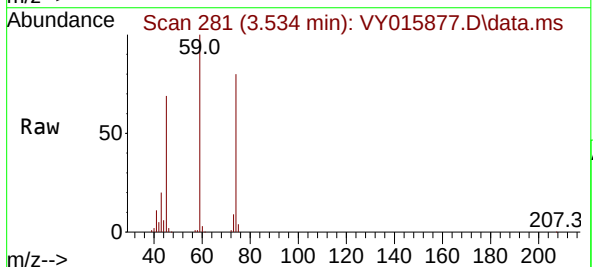
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

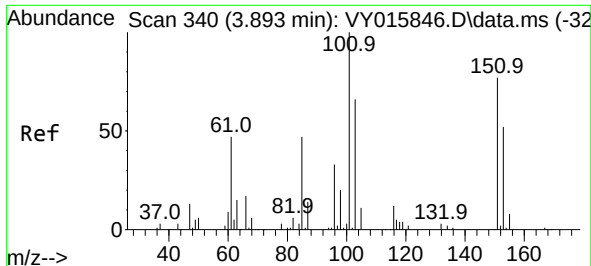
Tgt Ion:101 Resp: 127302
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 40.996 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY015877.D
 Acq: 09 Oct 2023 12:45

Tgt Ion: 74 Resp: 47305
 Ion Ratio Lower Upper
 74 100
 45 91.9 51.5 154.5

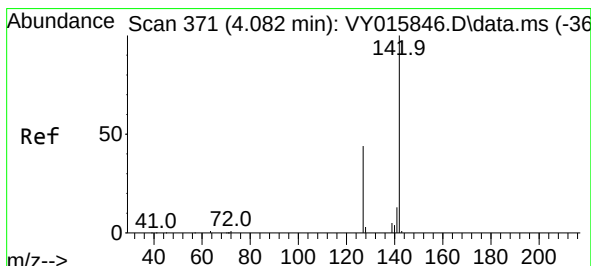
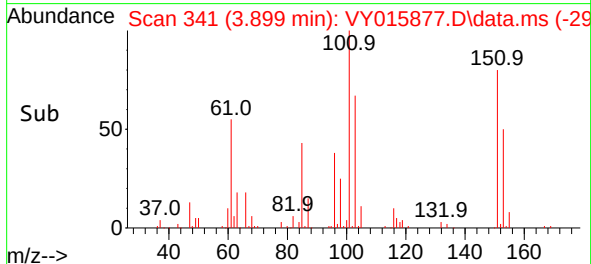
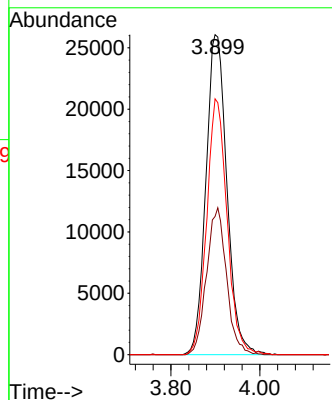
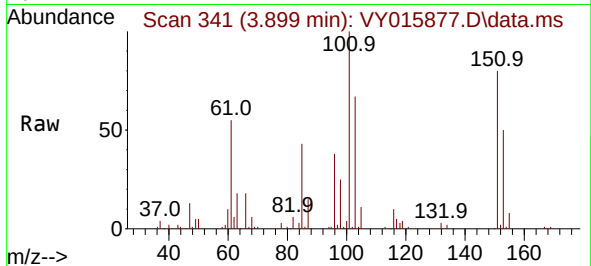




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.650 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

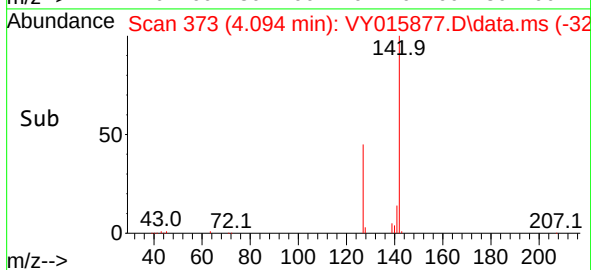
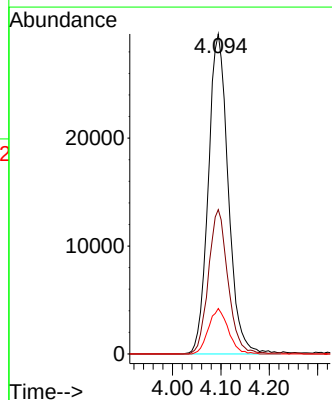
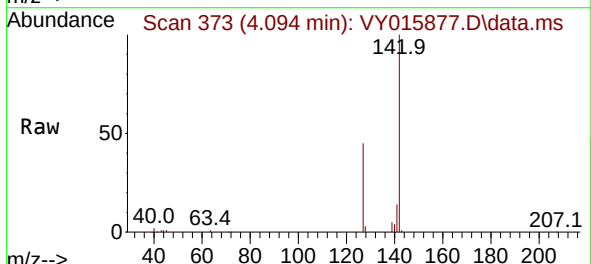
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

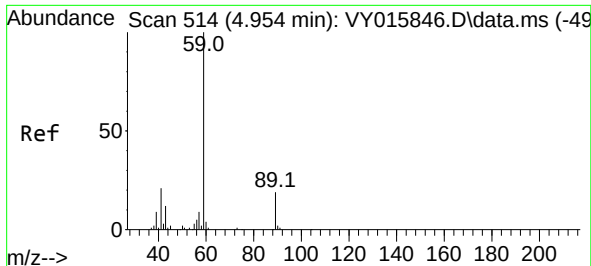
Tgt Ion:101 Resp: 85652
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 51.697 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:142 Resp: 84971
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.1 11.8 17.8

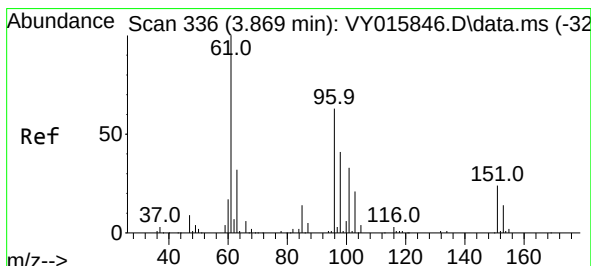
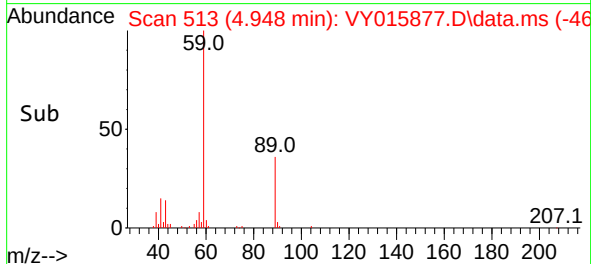
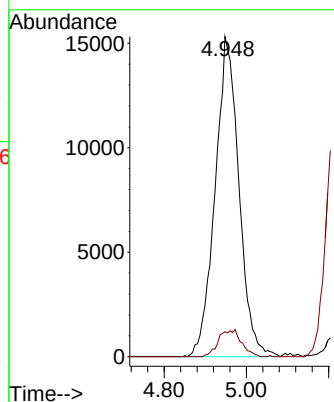
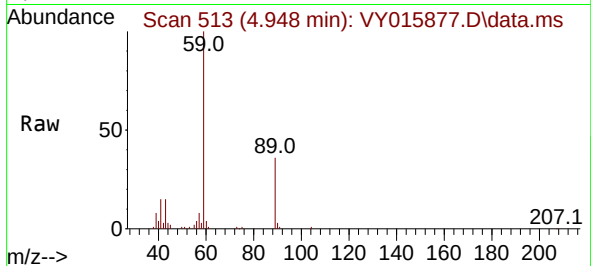




#11
Tert butyl alcohol
Concen: 131.876 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

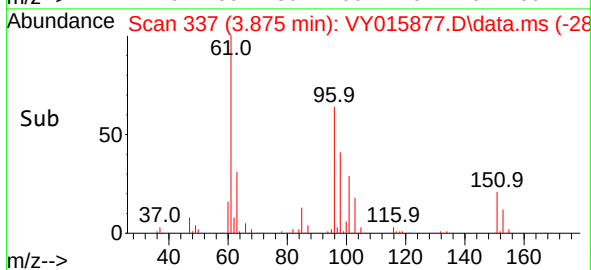
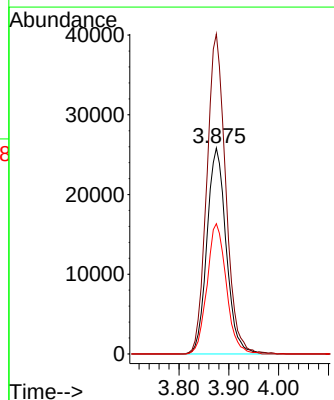
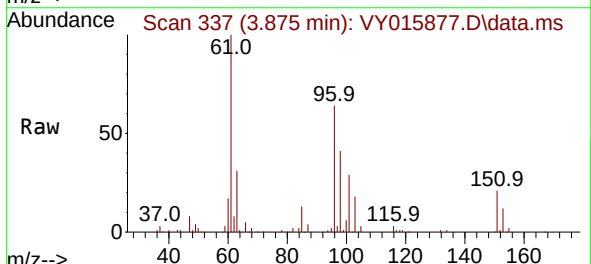
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

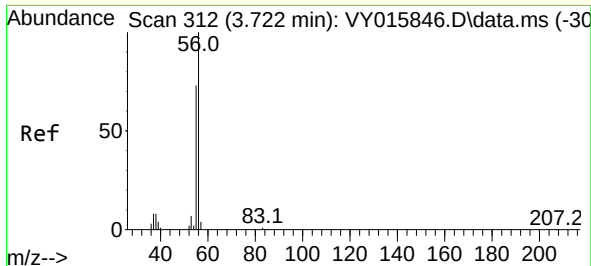
Tgt Ion: 59 Resp: 61560
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.144 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 96 Resp: 69179
Ion Ratio Lower Upper
96 100
61 155.5 136.4 204.6
98 63.3 49.4 74.2

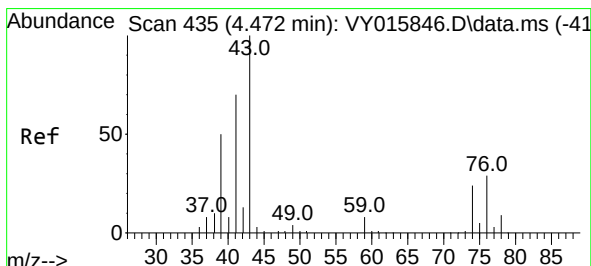
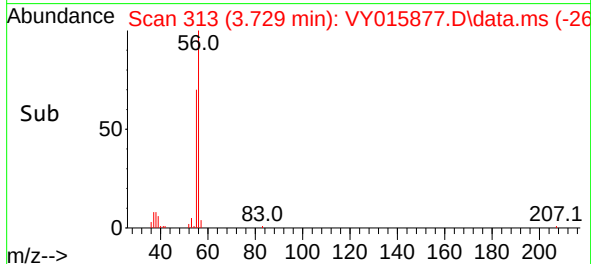
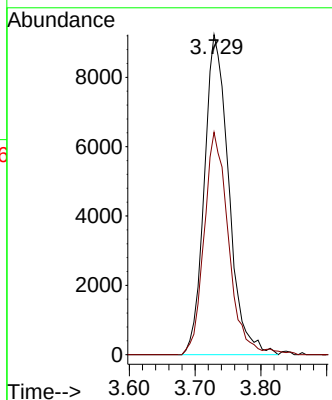
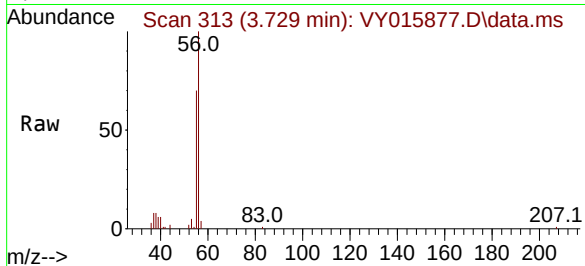




#13
Acrolein
Concen: 148.253 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

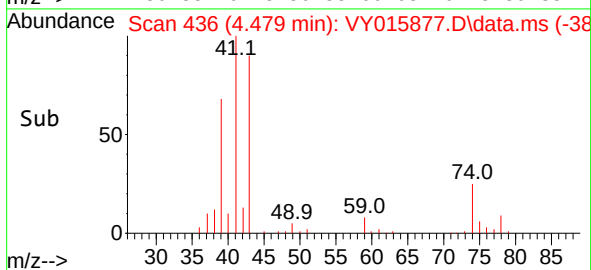
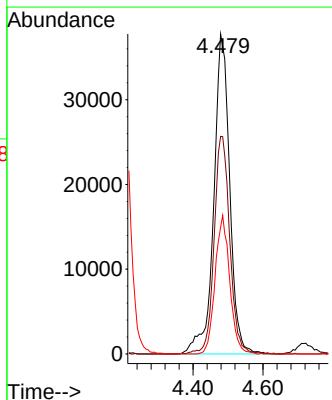
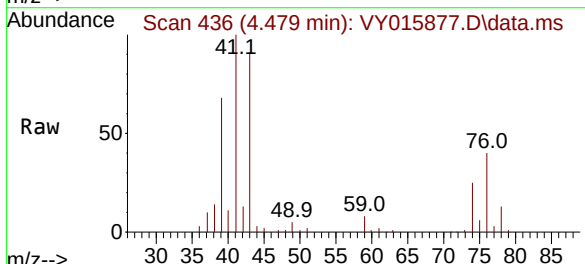
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

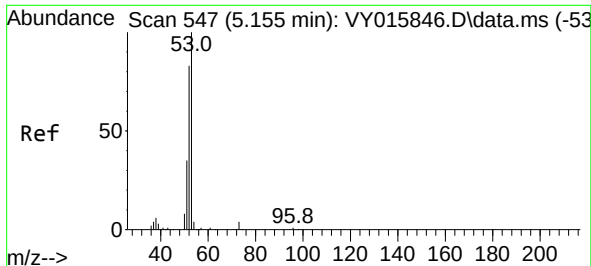
Tgt Ion: 56 Resp: 23847
Ion Ratio Lower Upper
56 100
55 68.6 57.0 85.4



#14
Allyl chloride
Concen: 45.971 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 41 Resp: 119571
Ion Ratio Lower Upper
41 100
39 66.6 58.0 87.0
76 39.6 27.4 41.2

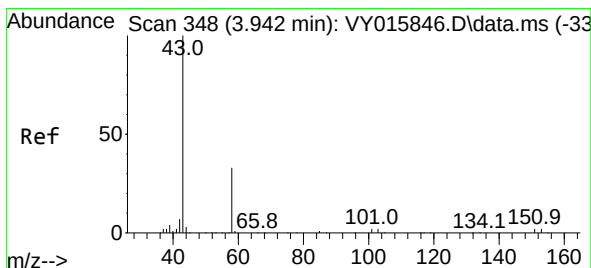
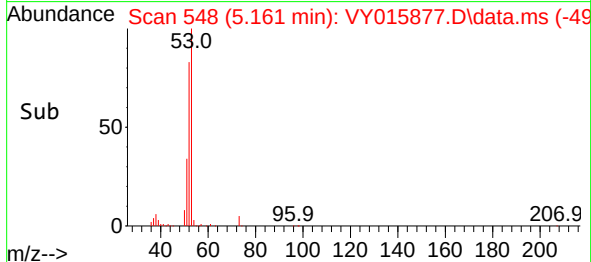
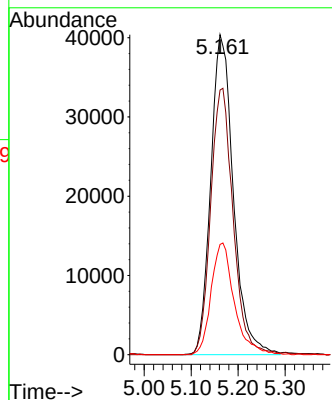
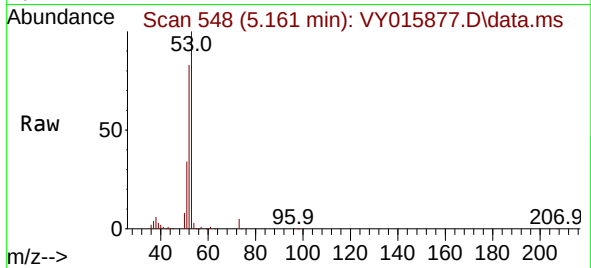




#15
Acrylonitrile
Concen: 150.318 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

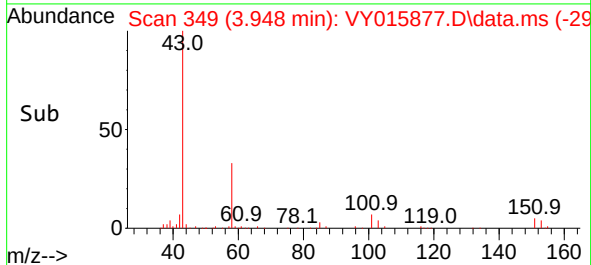
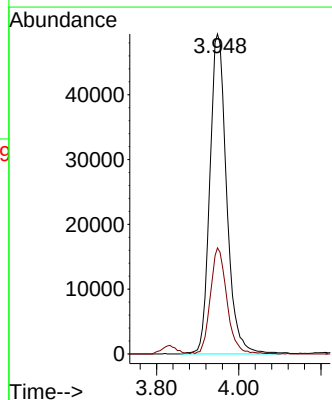
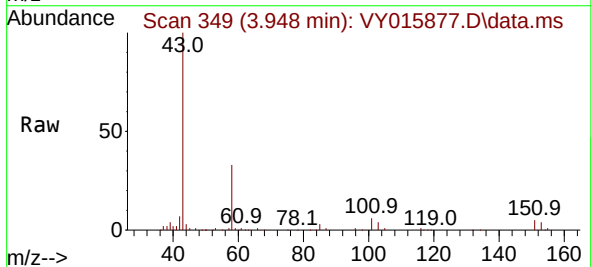
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

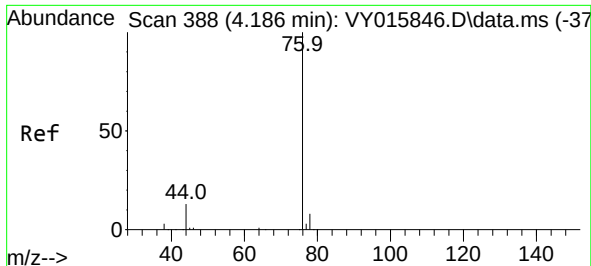
Tgt Ion: 53 Resp: 135302
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 129.735 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 43 Resp: 140140
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1

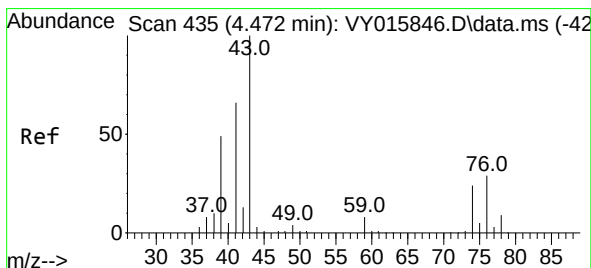
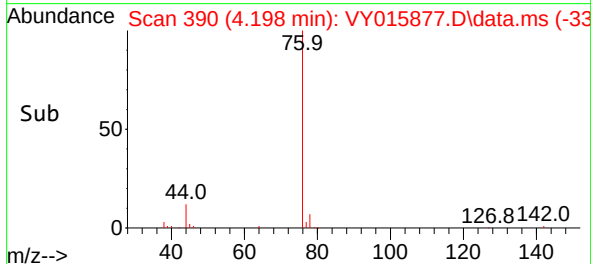
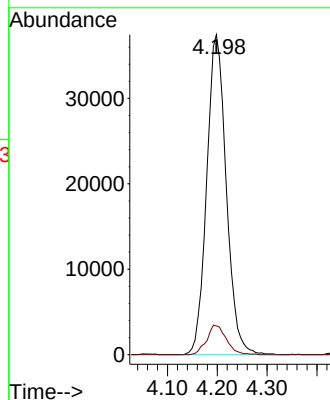
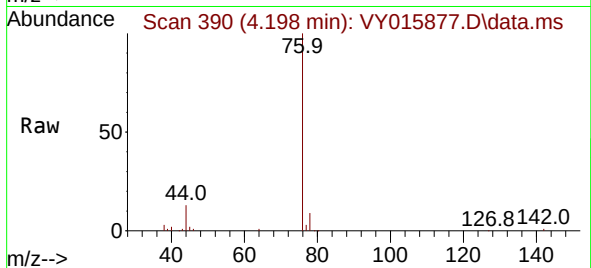




#17
Carbon Disulfide
Concen: 46.403 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

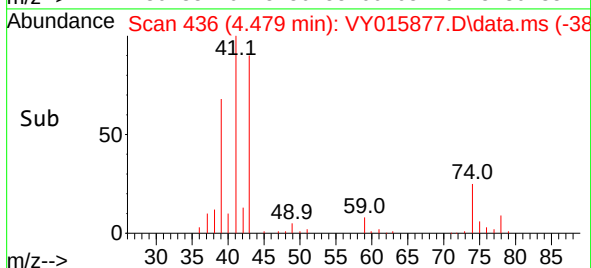
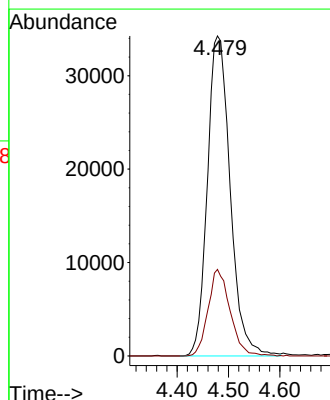
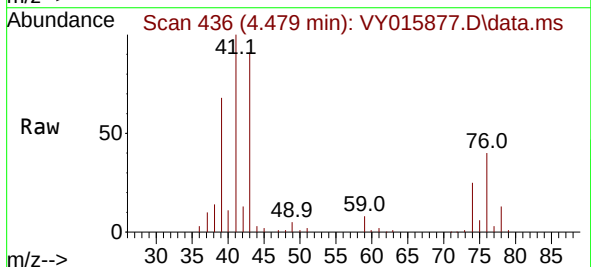
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

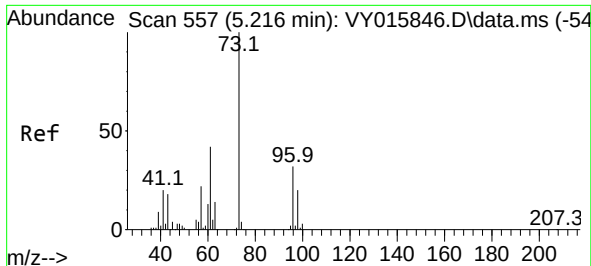
Tgt Ion: 76 Resp: 102106
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 30.053 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 43 Resp: 105654
Ion Ratio Lower Upper
43 100
74 26.1 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 38.537 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

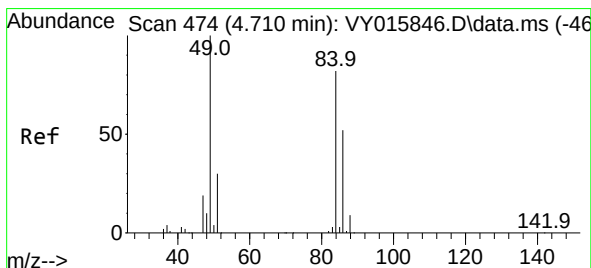
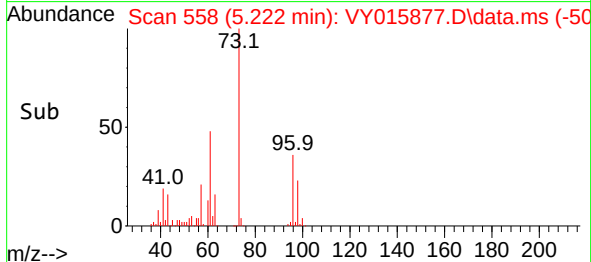
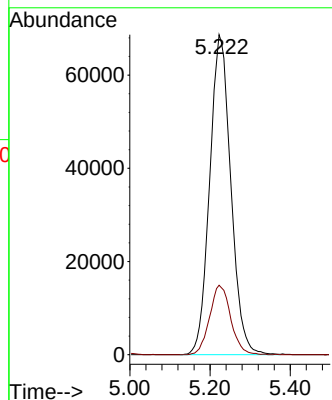
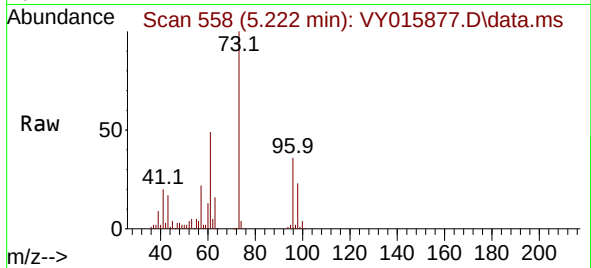
VSTDCCC050

Tgt Ion: 73 Resp: 251294

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 40.533 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Tgt Ion: 84 Resp: 96380

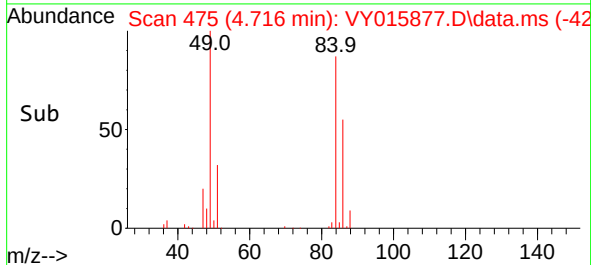
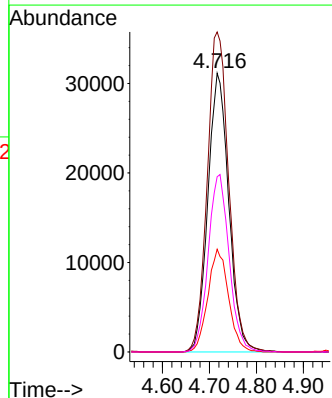
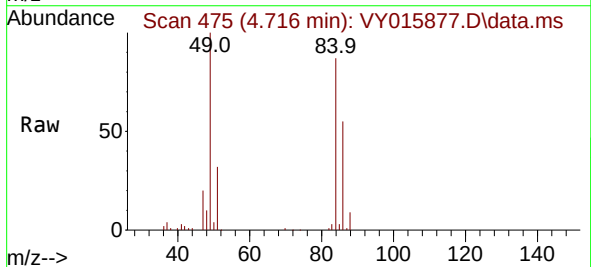
Ion Ratio Lower Upper

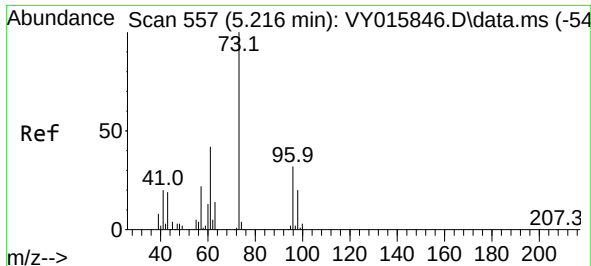
84 100

49 114.8 106.9 160.3

51 36.8 33.2 49.8

86 62.8 51.0 76.6

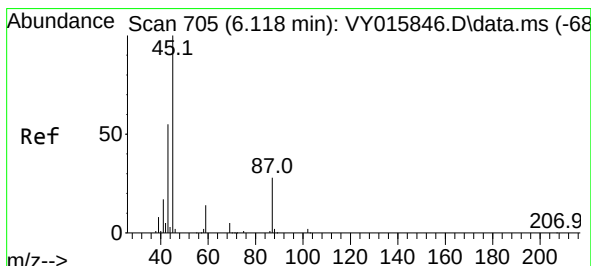
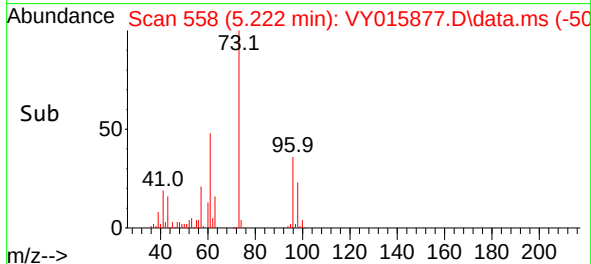
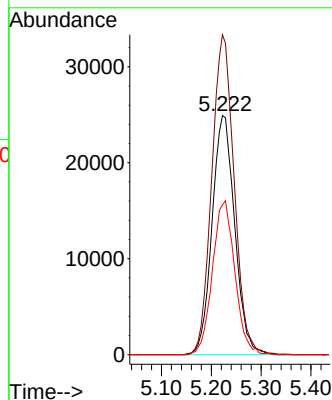
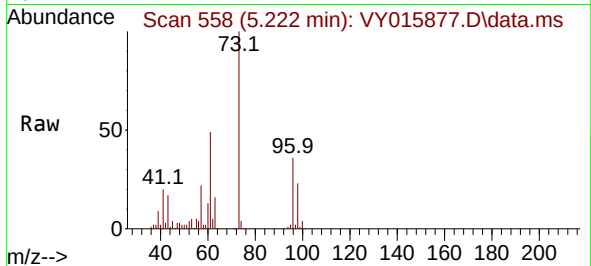




#21
trans-1,2-Dichloroethene
Concen: 49.473 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

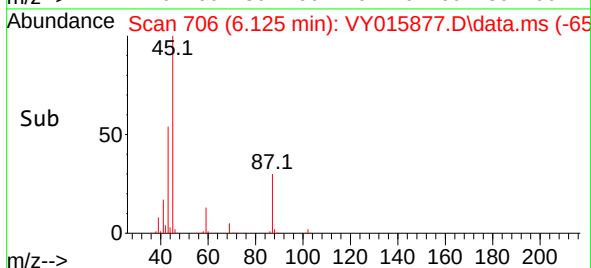
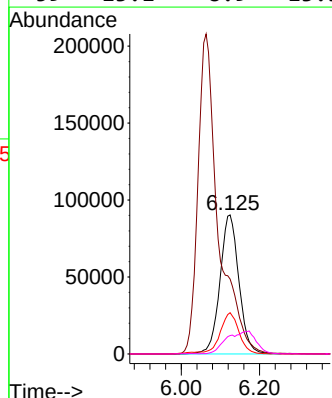
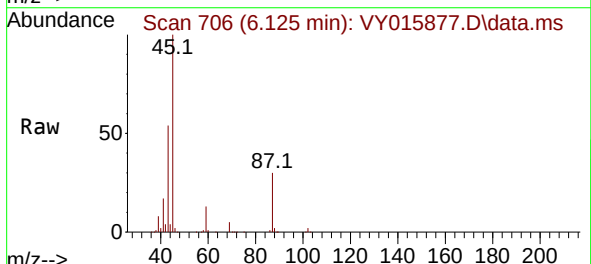
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

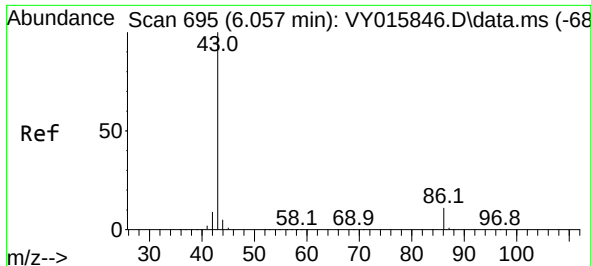
Tgt Ion: 96 Resp: 78621
Ion Ratio Lower Upper
96 100
61 133.8 110.2 165.4
98 62.6 51.8 77.6



#22
Diisopropyl ether
Concen: 44.915 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 45 Resp: 303358
Ion Ratio Lower Upper
45 100
43 53.6 52.2 78.4
87 29.7 21.0 31.6
59 13.1 8.9 13.3

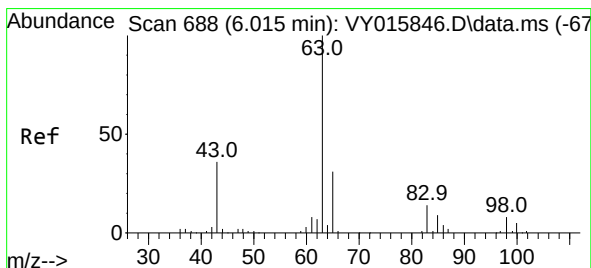
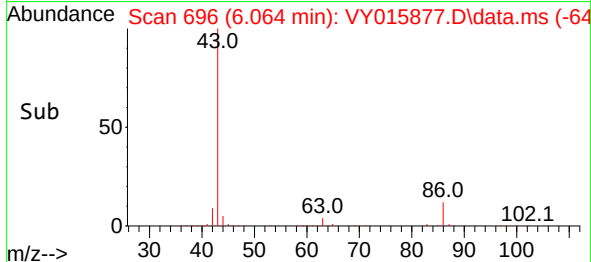
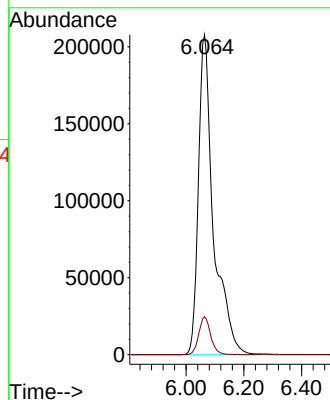
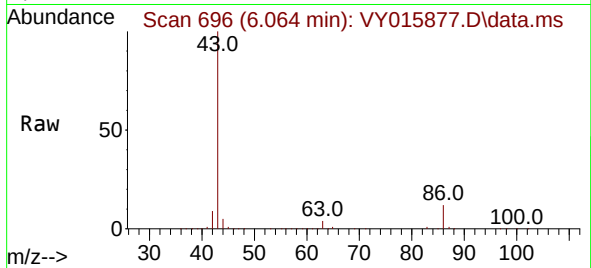




#23
 Vinyl Acetate
 Concen: 184.105 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015877.D
 Acq: 09 Oct 2023 12:45

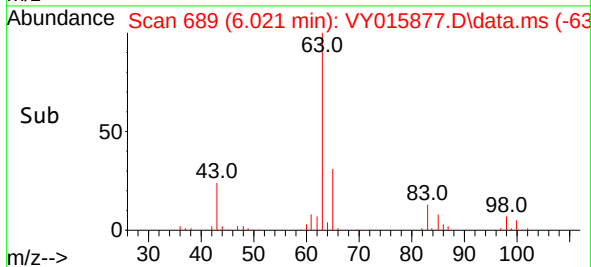
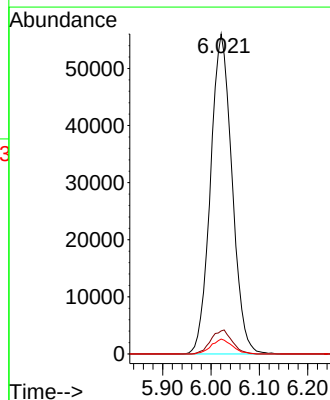
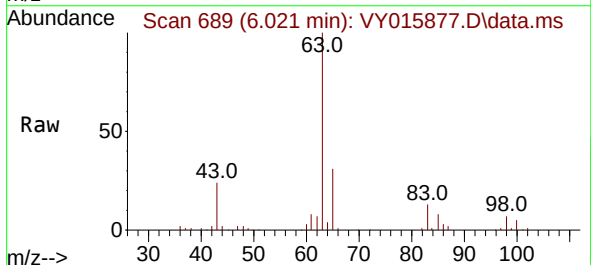
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

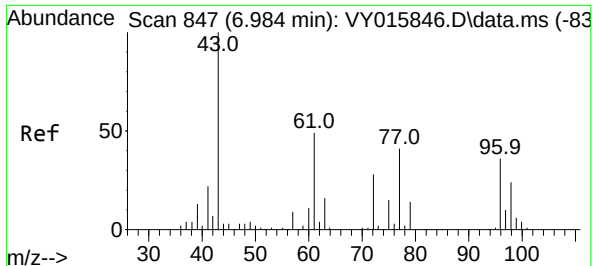
Tgt Ion: 43 Resp: 752606
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.378 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY015877.D
 Acq: 09 Oct 2023 12:45

Tgt Ion: 63 Resp: 173508
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 126.502 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

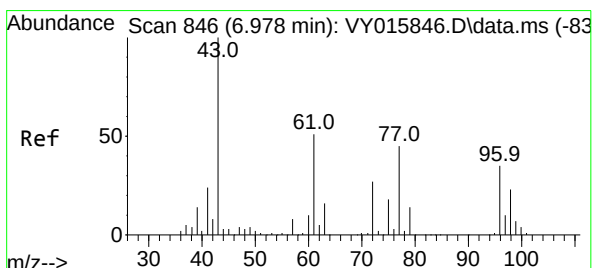
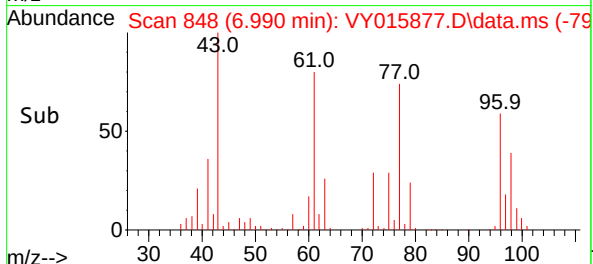
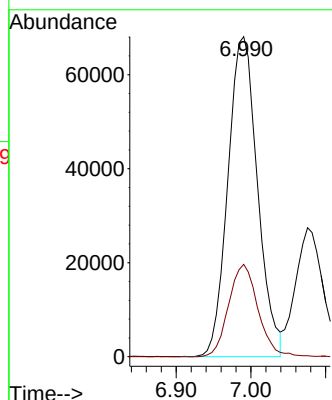
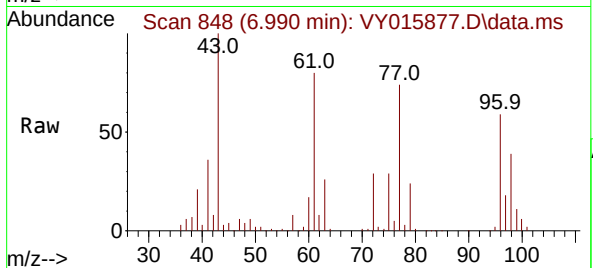
VSTDCCC050

Tgt Ion: 43 Resp: 187965

Ion Ratio Lower Upper

43 100

72 28.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 48.166 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015877.D

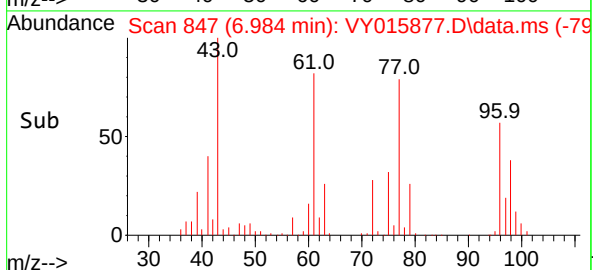
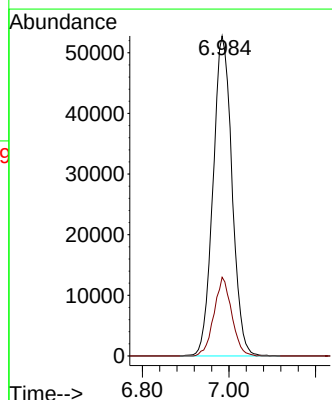
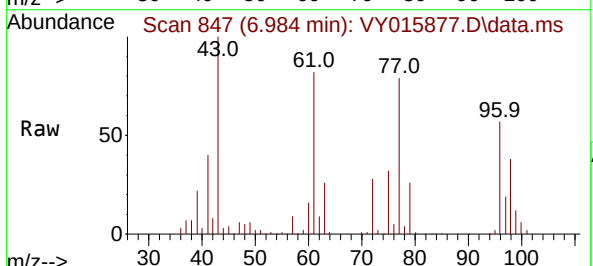
Acq: 09 Oct 2023 12:45

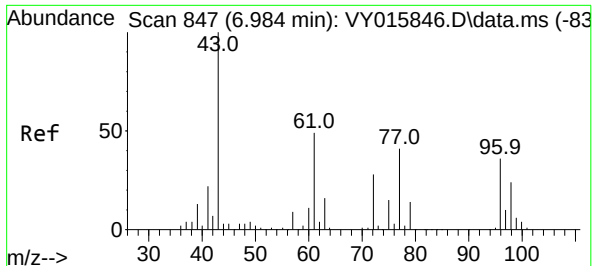
Tgt Ion: 77 Resp: 160531

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.636 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

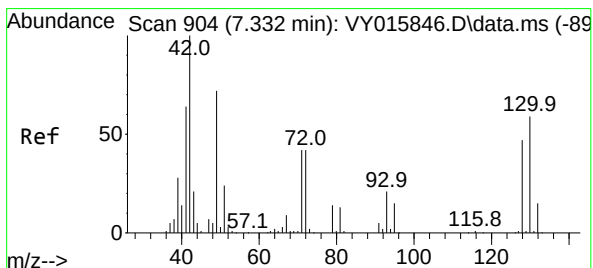
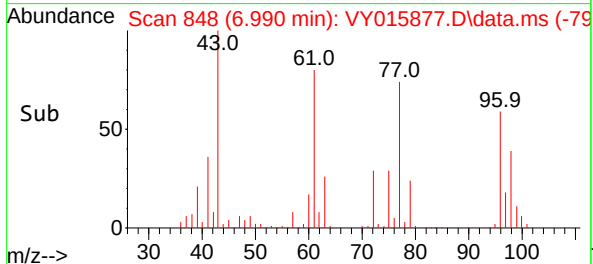
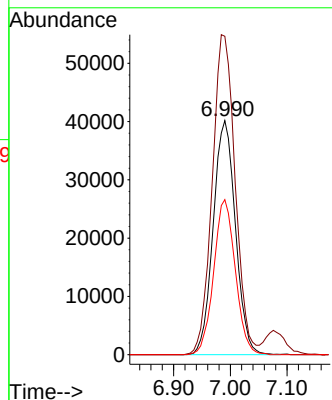
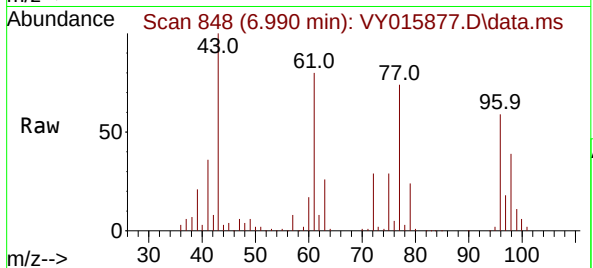
Tgt Ion: 96 Resp: 109430

Ion Ratio Lower Upper

96 100

61 140.5 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 45.567 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

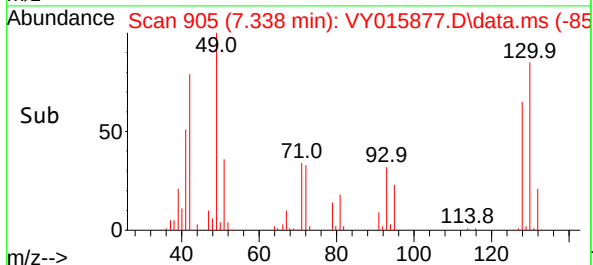
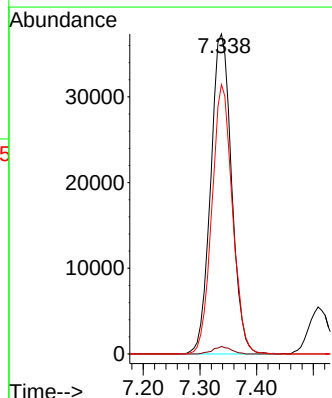
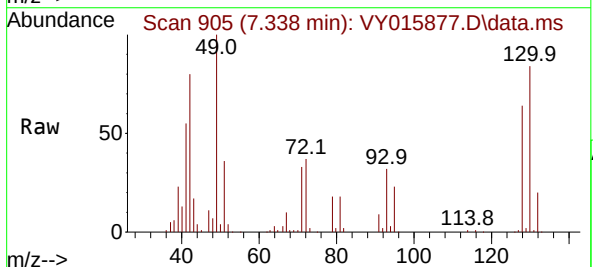
Tgt Ion: 49 Resp: 95574

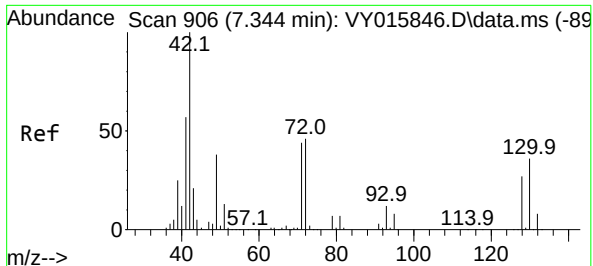
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 82.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 130.939 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

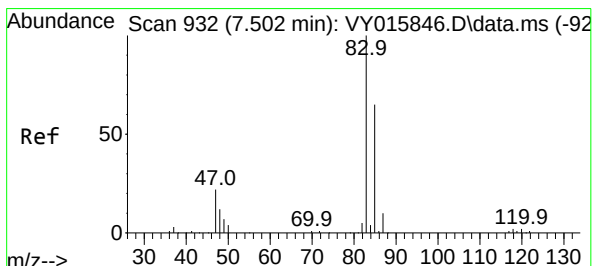
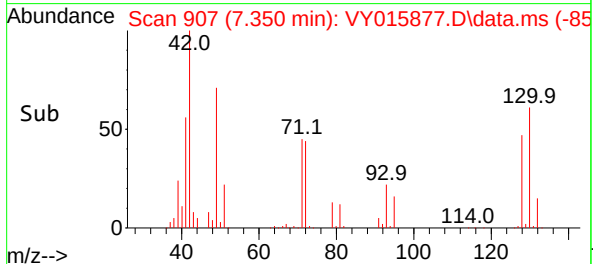
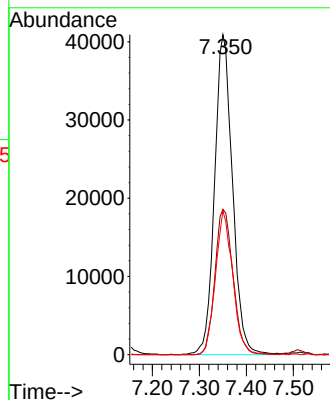
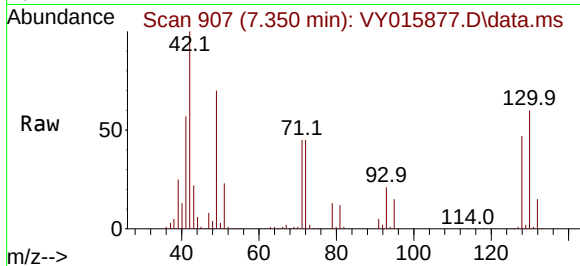
Tgt Ion: 42 Resp: 108561

Ion Ratio Lower Upper

42 100

72 46.0 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 46.887 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY015877.D

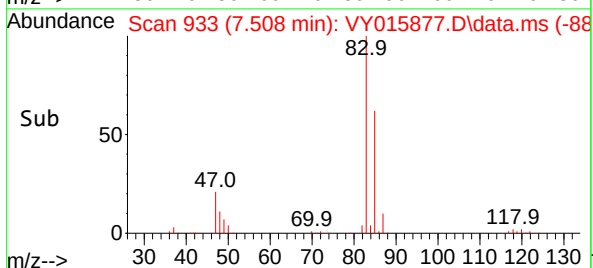
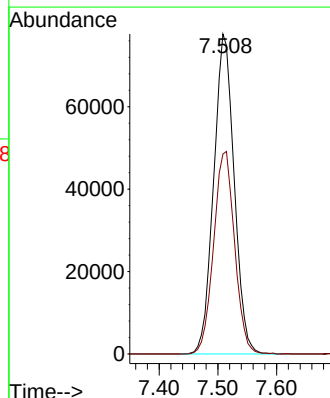
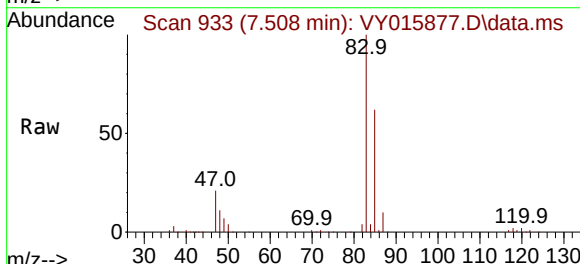
Acq: 09 Oct 2023 12:45

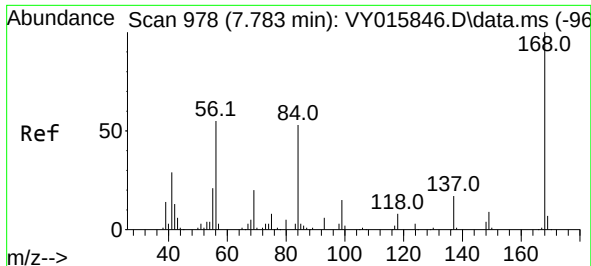
Tgt Ion: 83 Resp: 188116

Ion Ratio Lower Upper

83 100

85 62.5 49.7 74.5

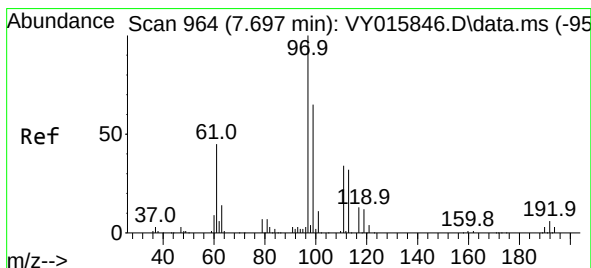
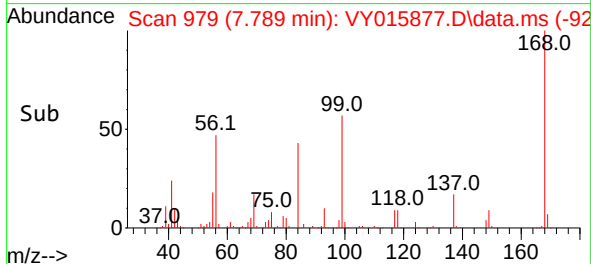
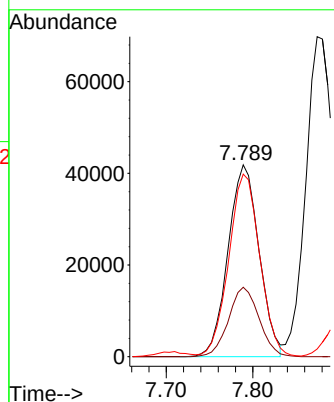
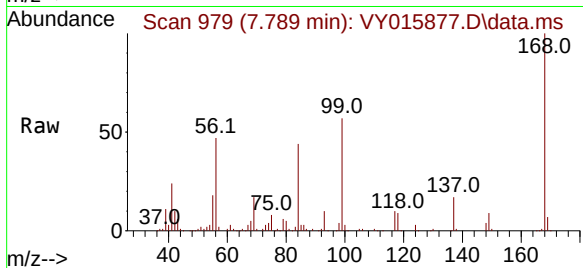




#31
Cyclohexane
Concen: 44.322 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

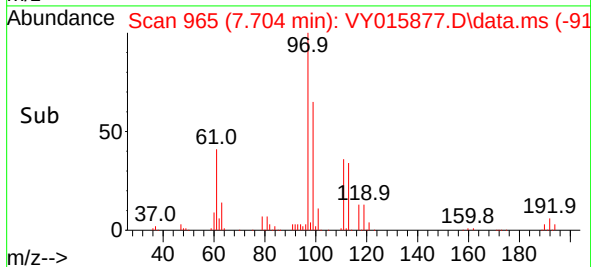
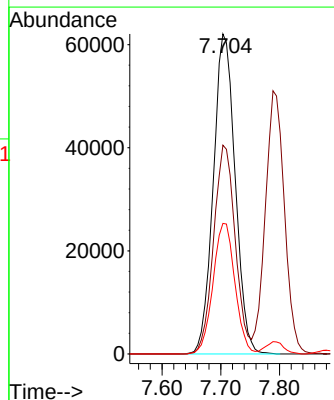
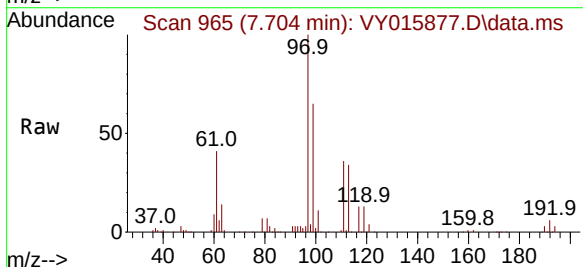
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

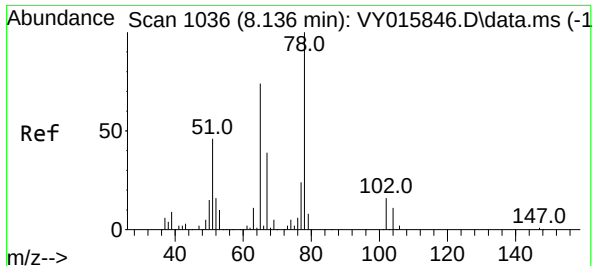
Tgt Ion: 56 Resp: 104164
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 93.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.856 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 97 Resp: 160242
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 42.598 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

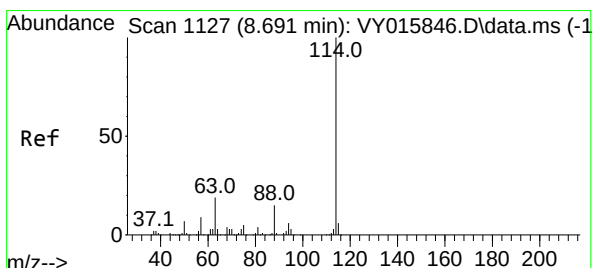
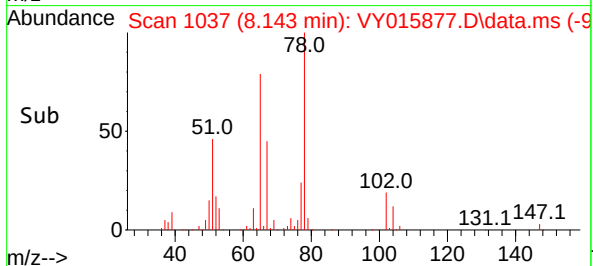
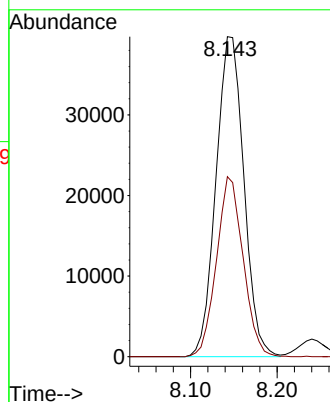
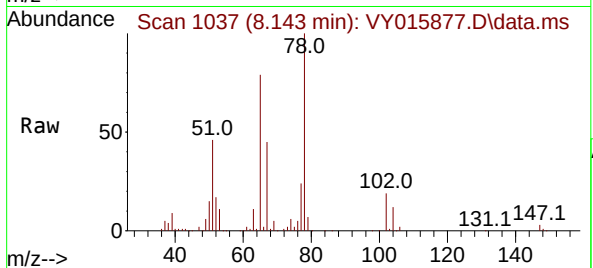
VSTDCCC050

Tgt Ion: 65 Resp: 88815

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

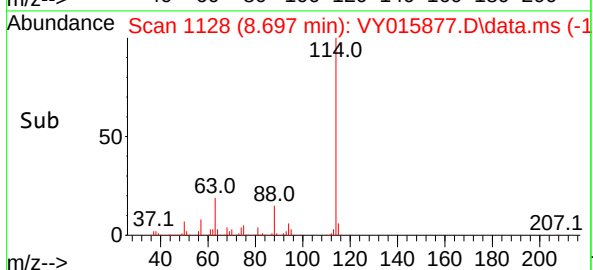
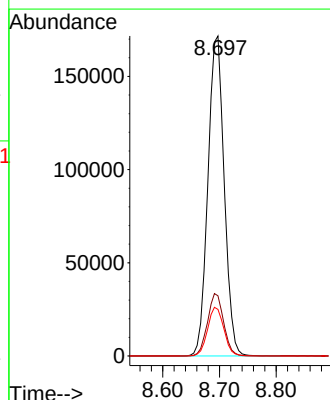
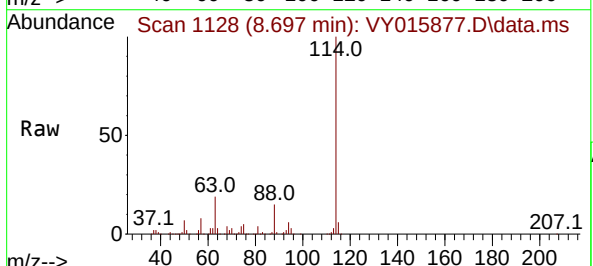
Tgt Ion: 114 Resp: 342762

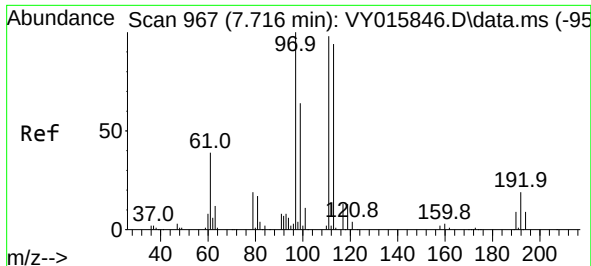
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.5 0.0 30.6

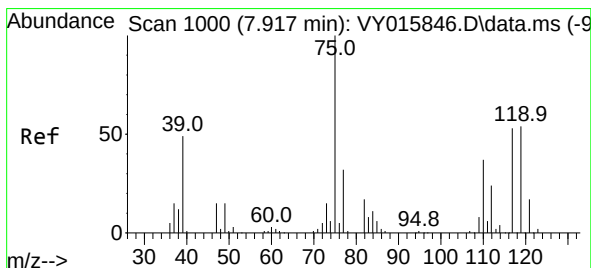
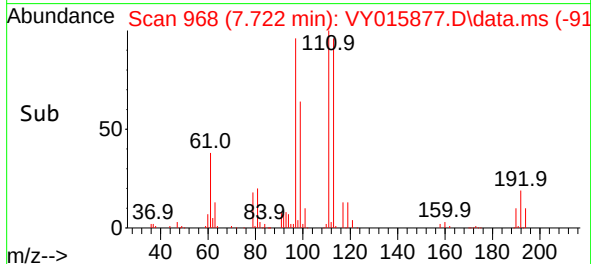
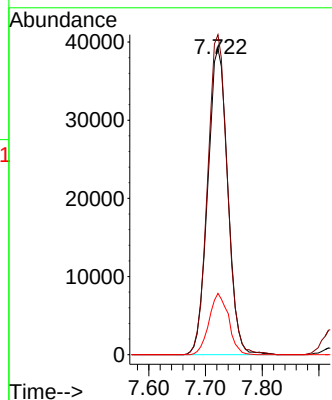
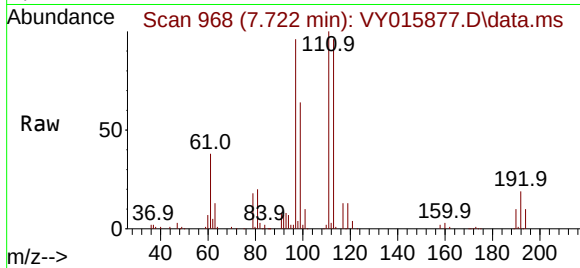




#35
Dibromofluoromethane
Concen: 49.092 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

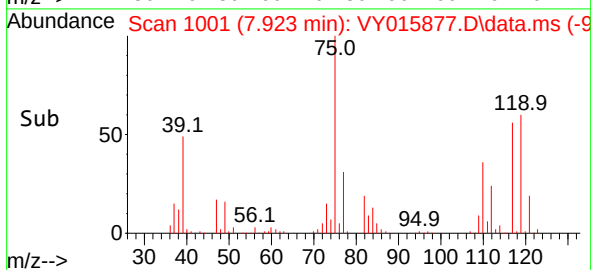
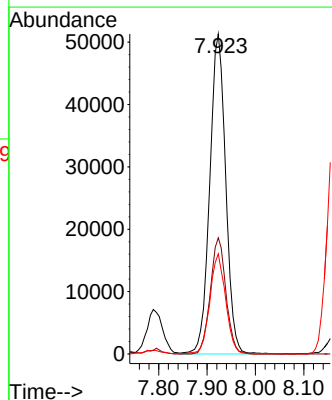
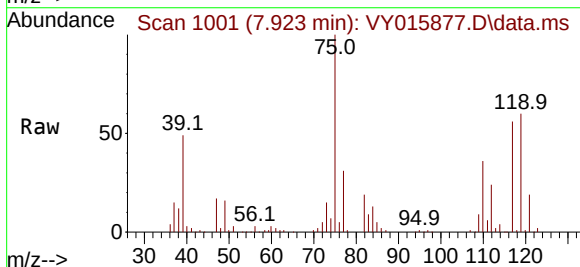
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

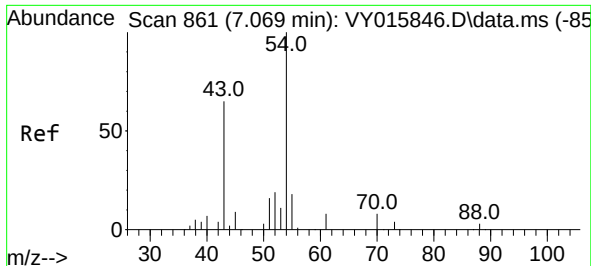
Tgt Ion:113 Resp: 95914
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.472 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 75 Resp: 117643
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 28.088 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

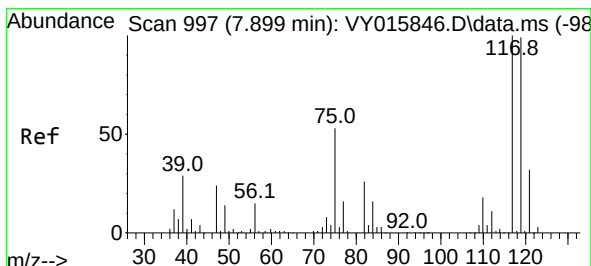
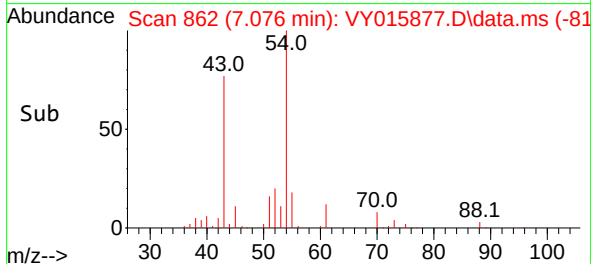
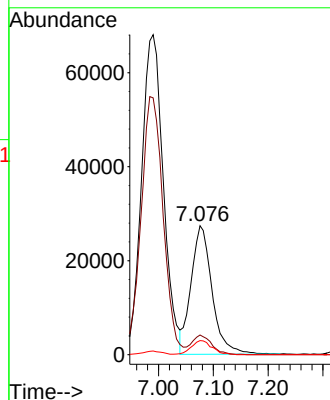
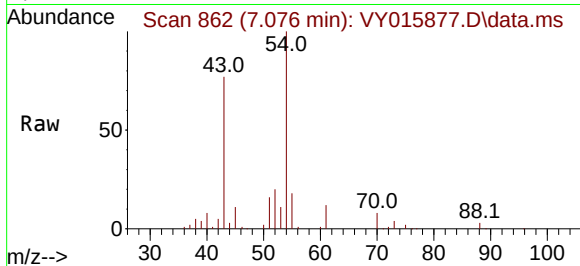
Tgt Ion: 43 Resp: 73264

Ion Ratio Lower Upper

43 100

61 14.9 10.1 15.1

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 49.822 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

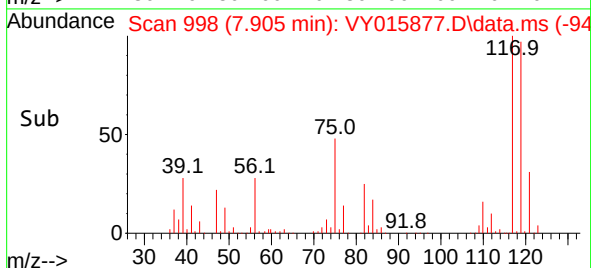
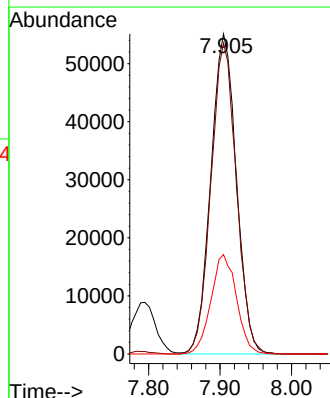
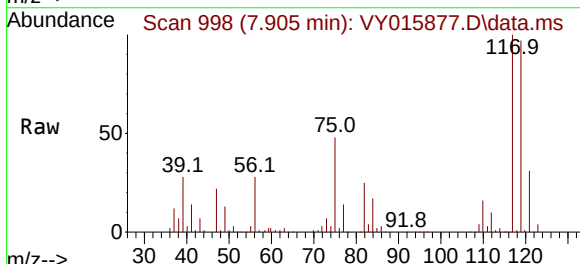
Tgt Ion: 117 Resp: 136547

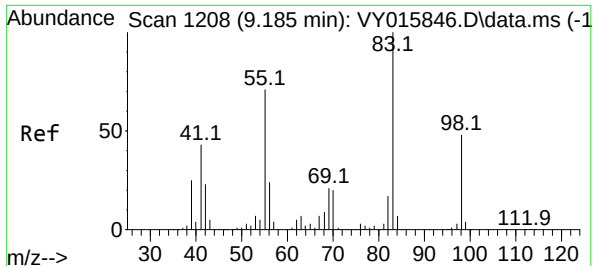
Ion Ratio Lower Upper

117 100

119 97.2 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 49.119 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

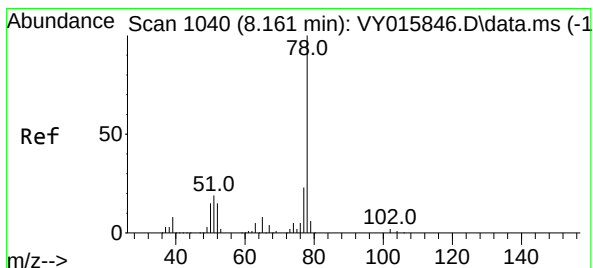
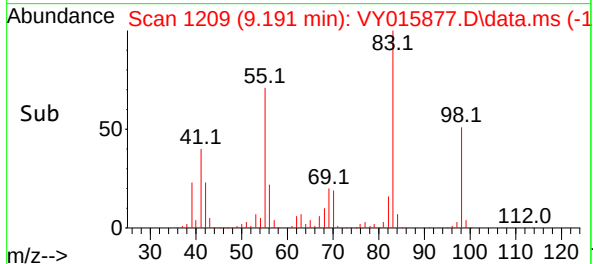
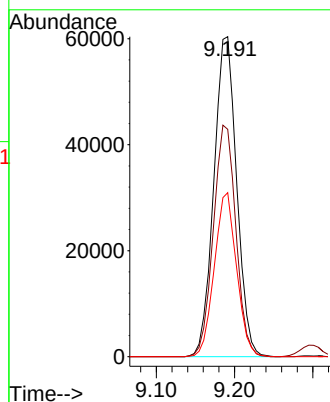
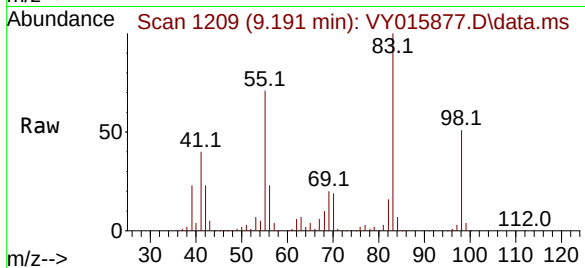
Tgt Ion: 83 Resp: 122444

Ion Ratio Lower Upper

83 100

55 71.1 63.0 94.4

98 51.3 37.4 56.2



#40

Benzene

Concen: 49.000 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY015877.D

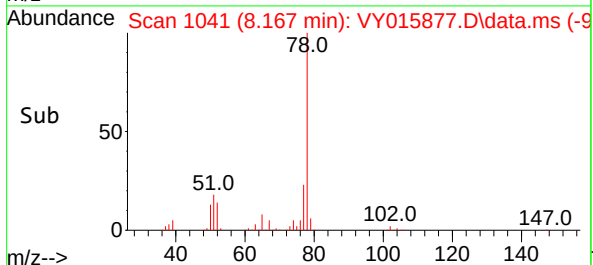
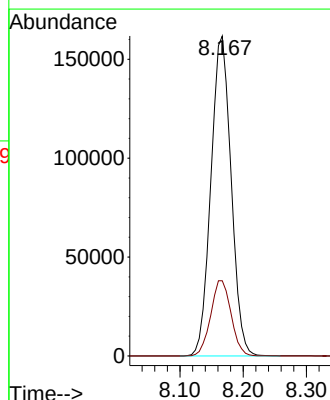
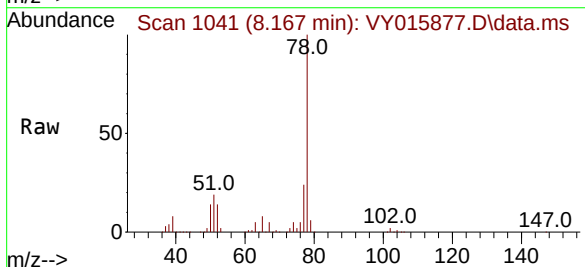
Acq: 09 Oct 2023 12:45

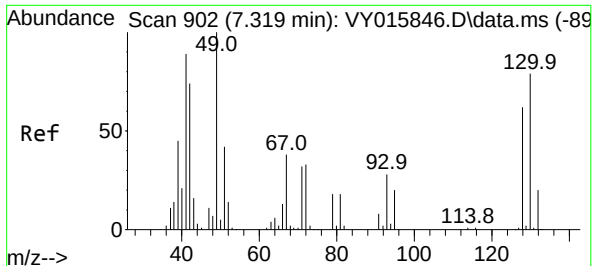
Tgt Ion: 78 Resp: 358391

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



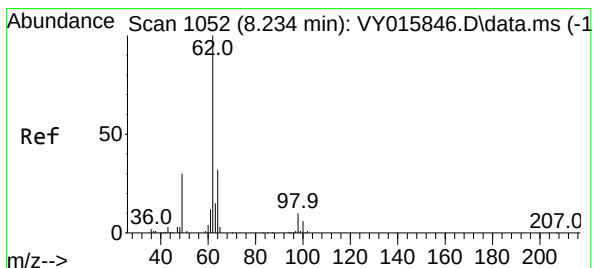
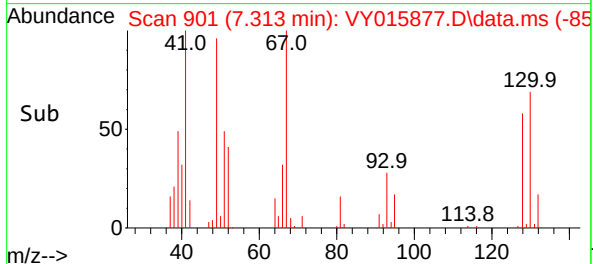
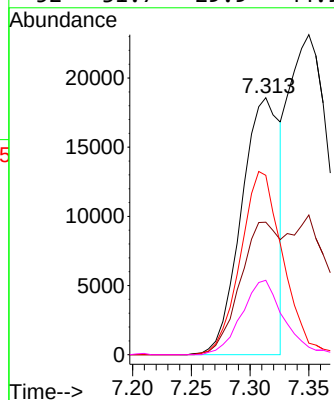
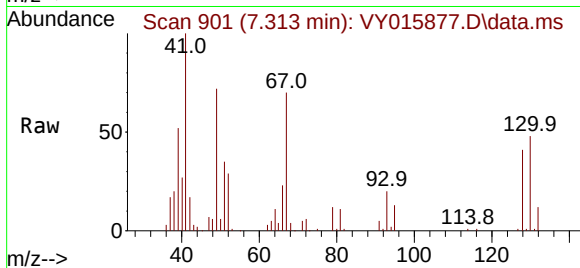


#41
Methacrylonitrile
Concen: 34.001 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 42459

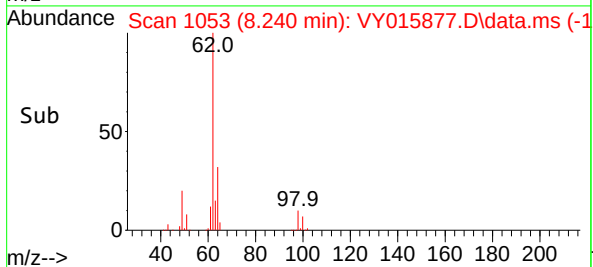
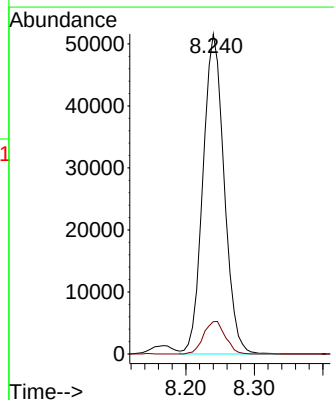
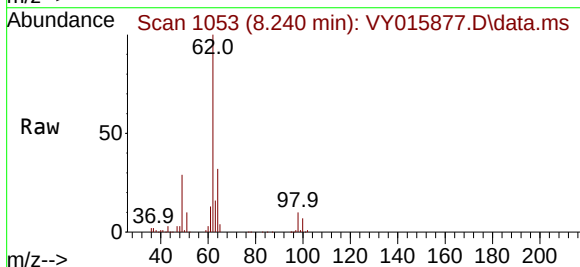
Ion	Ratio	Lower	Upper
41	100		
39	52.6	52.1	78.1
67	78.6	66.2	99.2
52	31.7	29.9	44.9

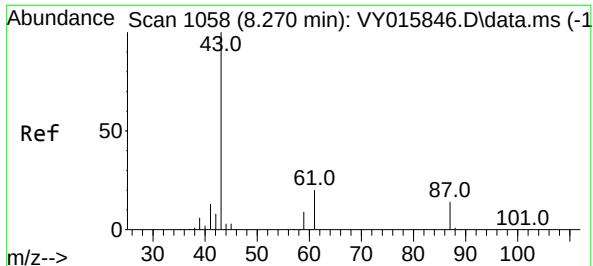


#42
1,2-Dichloroethane
Concen: 42.240 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 62 Resp: 111237

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	15.8

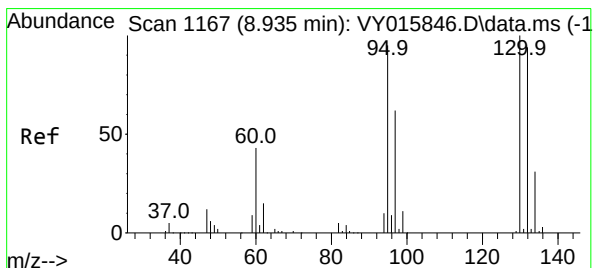
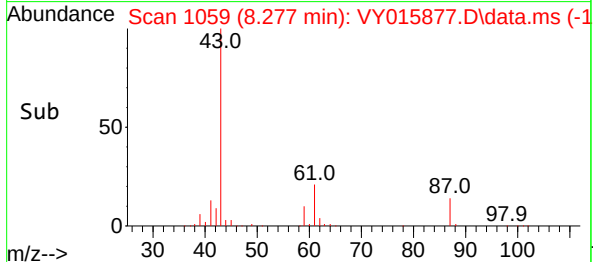
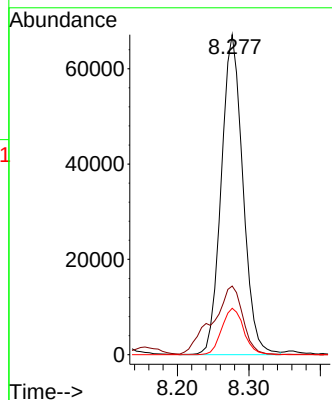
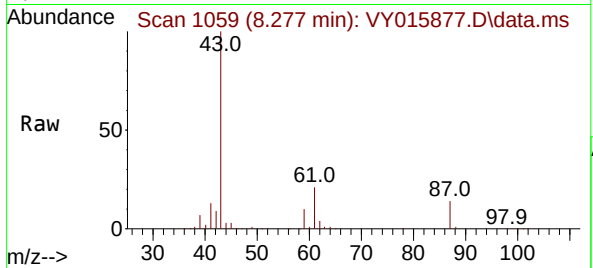




#43
Isopropyl Acetate
Concen: 31.416 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

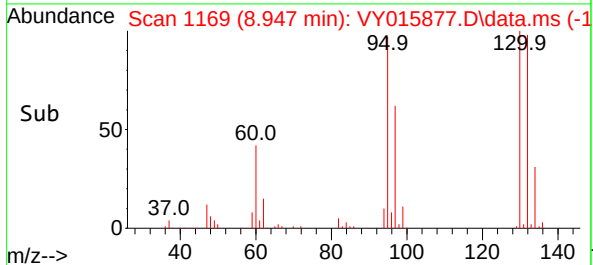
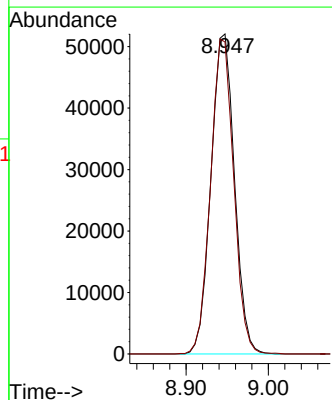
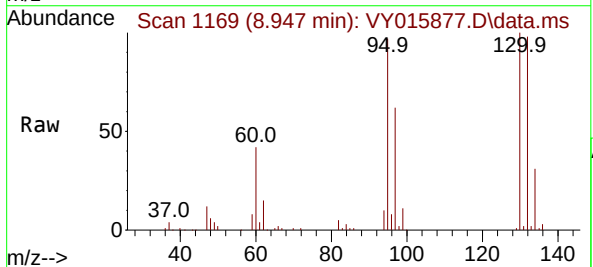
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

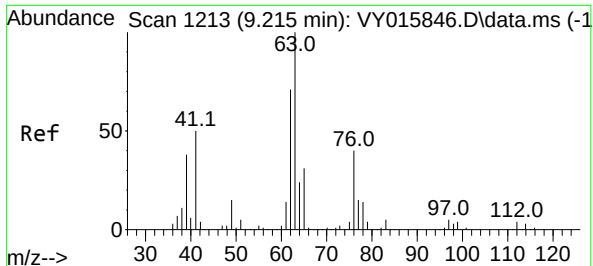
Tgt Ion: 43 Resp: 141048
Ion Ratio Lower Upper
43 100
61 29.9 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 48.295 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 130 Resp: 103377
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.458 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

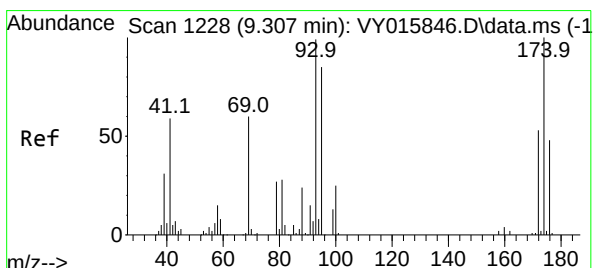
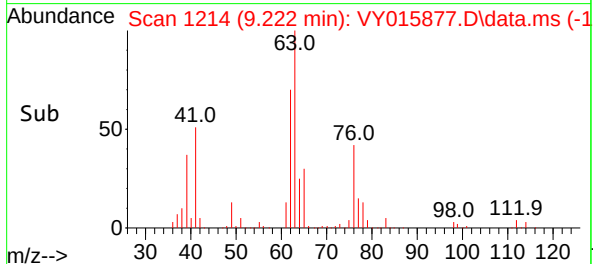
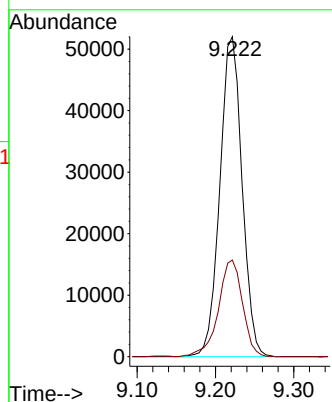
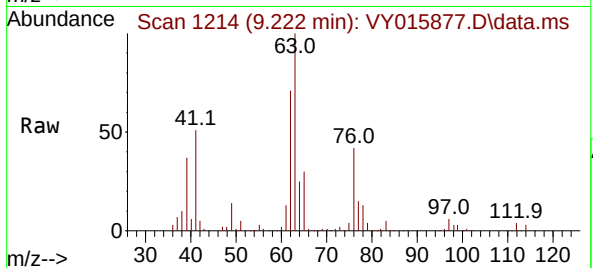
VSTDCCC050

Tgt Ion: 63 Resp: 102669

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 41.239 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

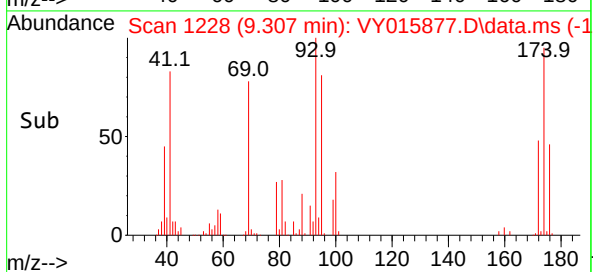
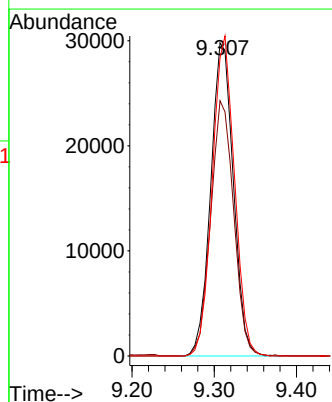
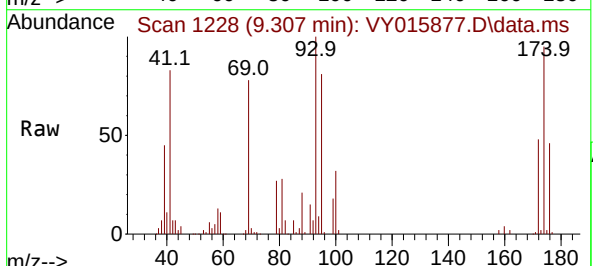
Tgt Ion: 93 Resp: 57037

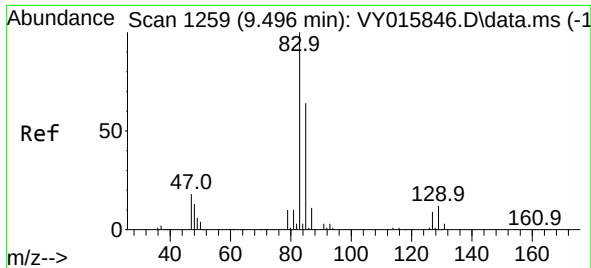
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 100.1 84.8 127.2

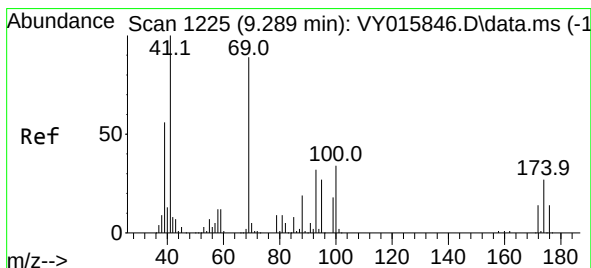
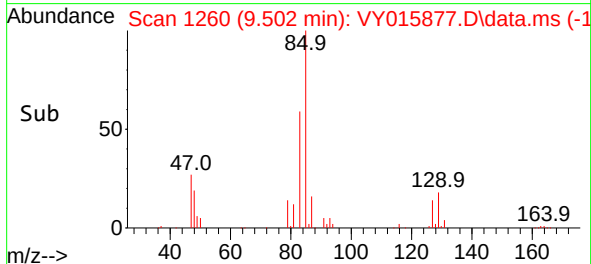
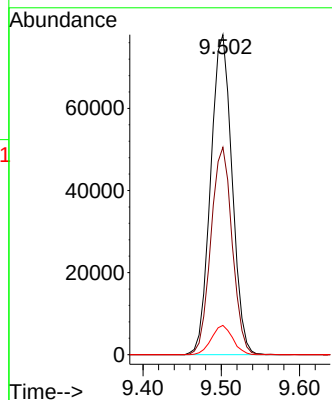
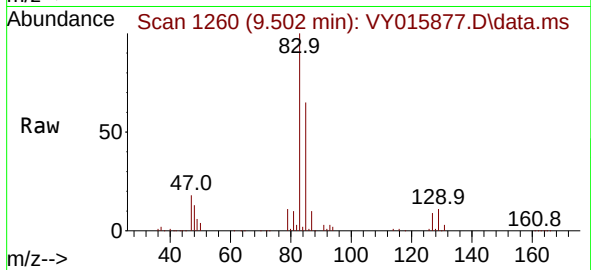




#47
Bromodichloromethane
Concen: 46.019 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

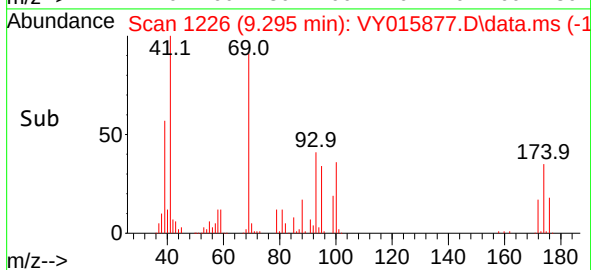
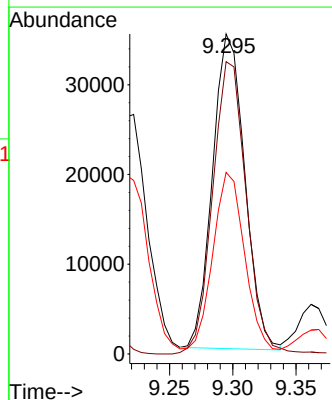
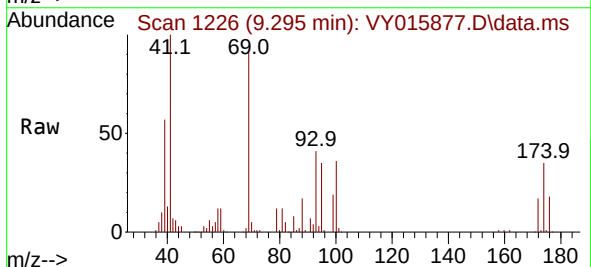
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

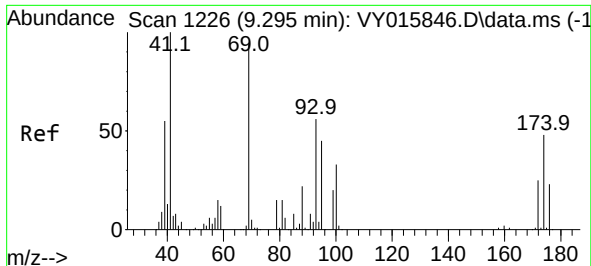
Tgt Ion: 83 Resp: 147739
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 31.682 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 41 Resp: 62124
Ion Ratio Lower Upper
41 100
69 97.0 64.5 96.7#
39 58.0 50.8 76.2





#49

1,4-Dioxane

Concen: 525.408 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

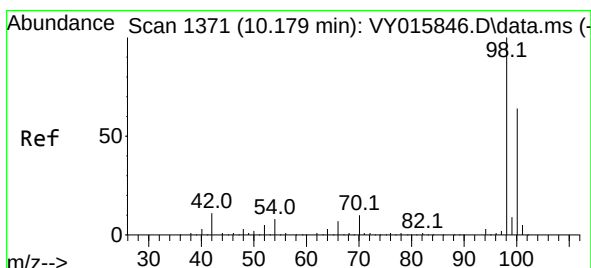
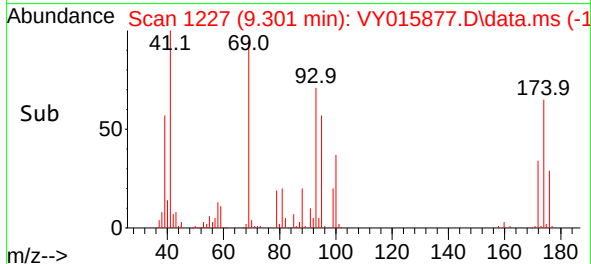
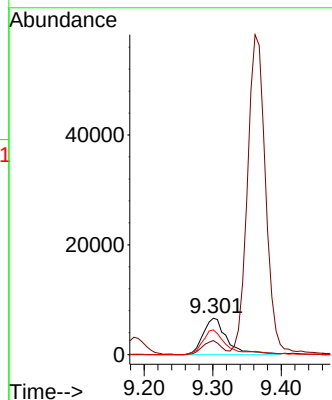
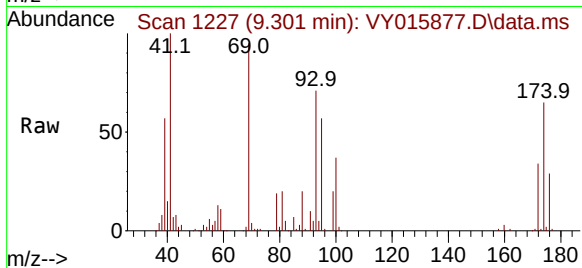
Tgt Ion: 88 Resp: 16278

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 60.6 30.9 46.3#



#50

Toluene-d8

Concen: 52.064 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015877.D

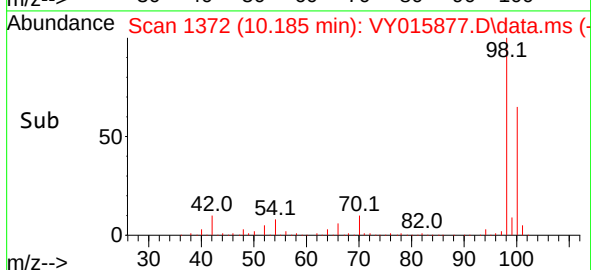
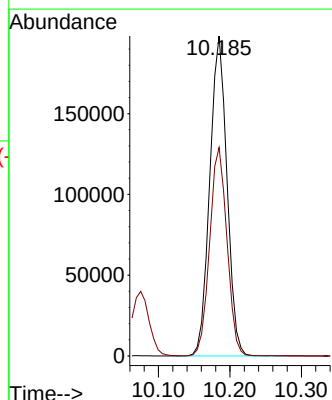
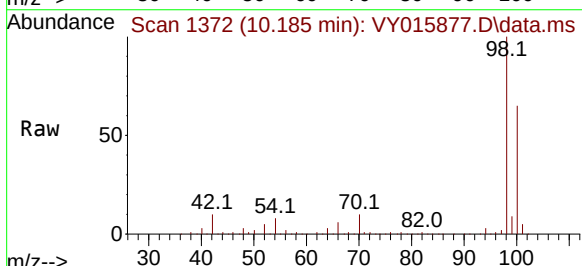
Acq: 09 Oct 2023 12:45

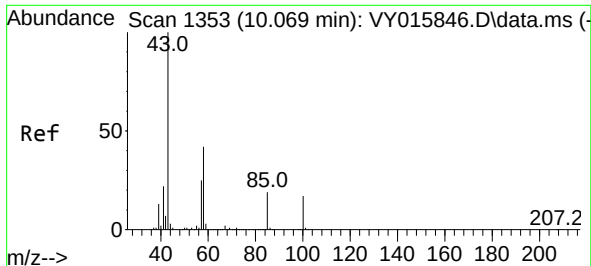
Tgt Ion: 98 Resp: 330257

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

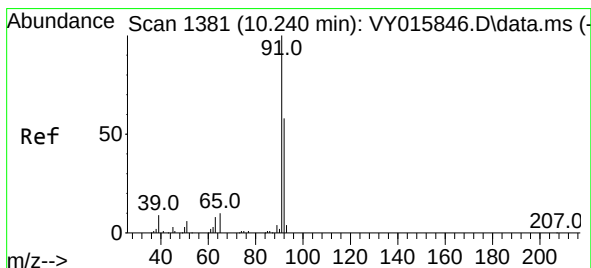
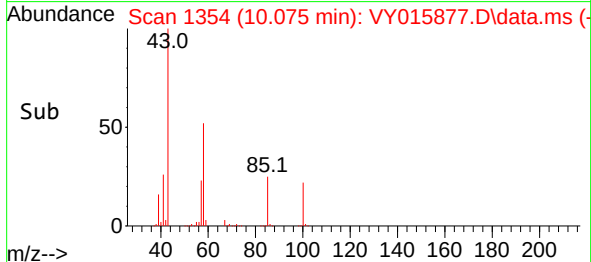
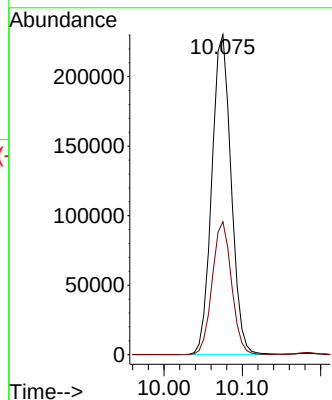
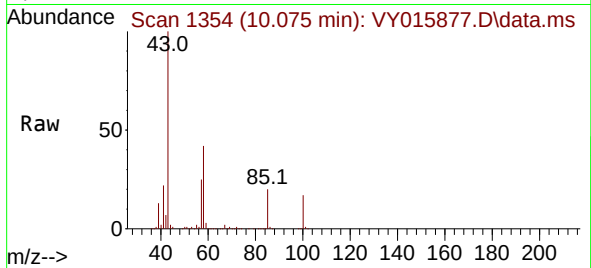




#51
4-Methyl-2-Pentanone
Concen: 140.669 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

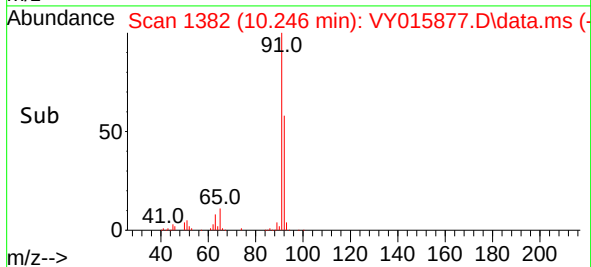
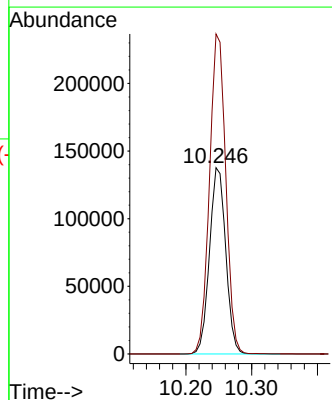
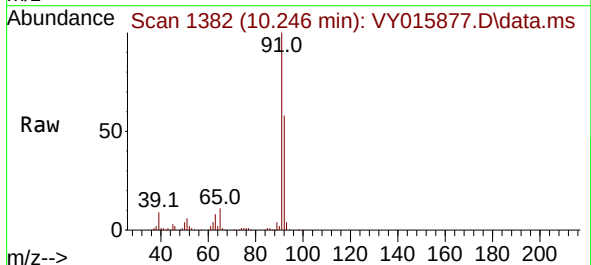
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

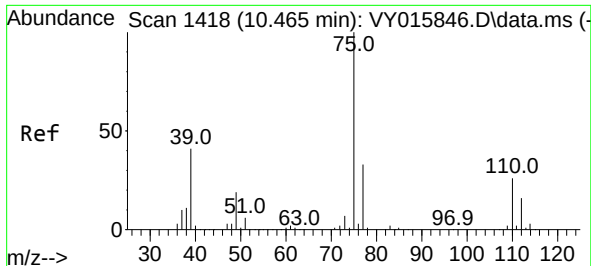
Tgt Ion: 43 Resp: 395082
Ion Ratio Lower Upper
43 100
58 41.5 29.0 43.6



#52
Toluene
Concen: 49.454 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 92 Resp: 236659
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 43.873 ug/l

RT: 10.471 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

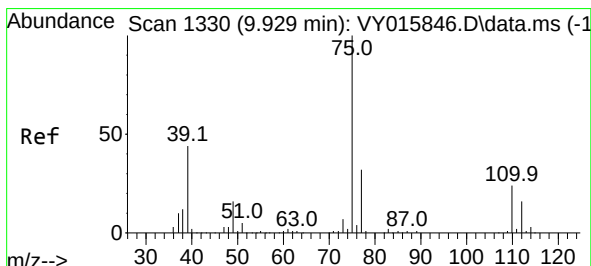
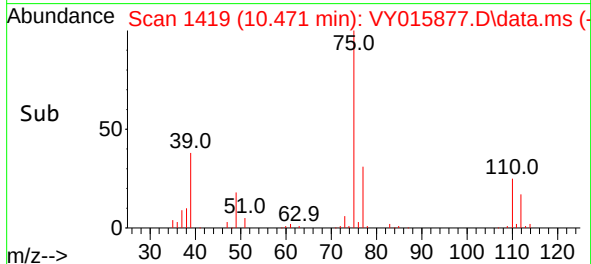
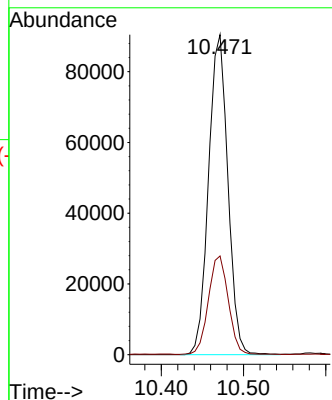
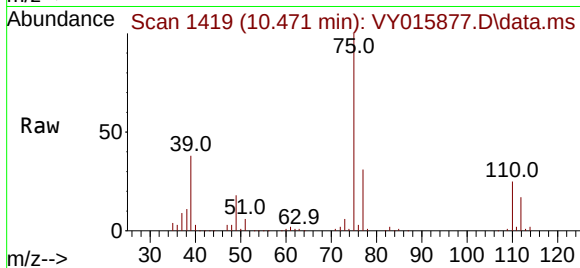
VSTDCCC050

Tgt Ion: 75 Resp: 147791

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 46.626 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

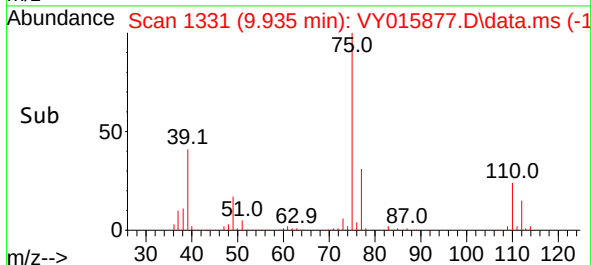
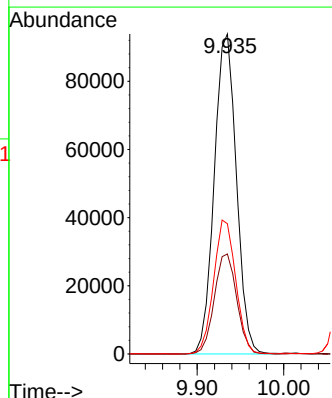
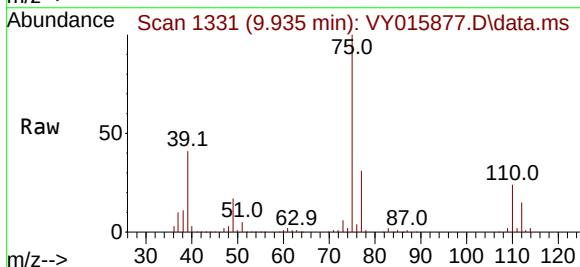
Tgt Ion: 75 Resp: 166738

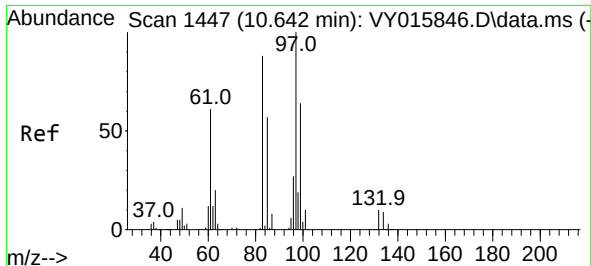
Ion Ratio Lower Upper

75 100

77 31.3 24.2 36.4

39 40.7 42.2 63.4#

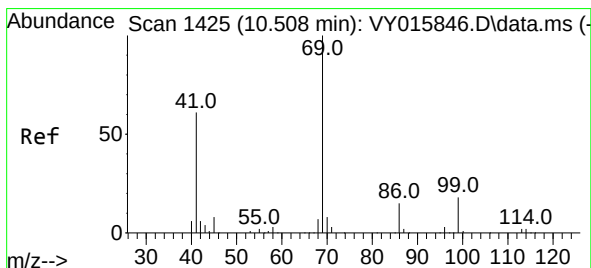
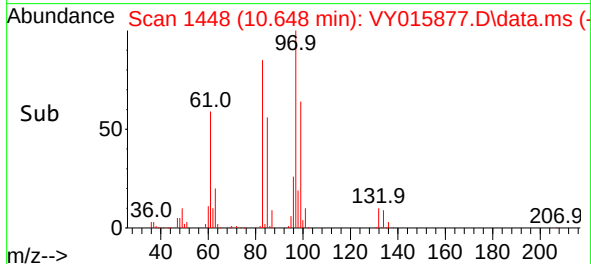
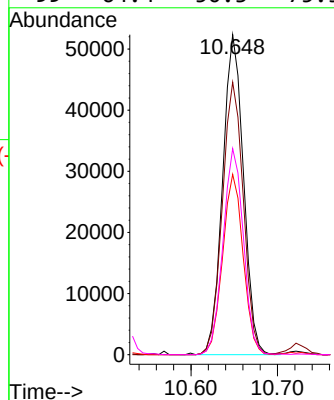
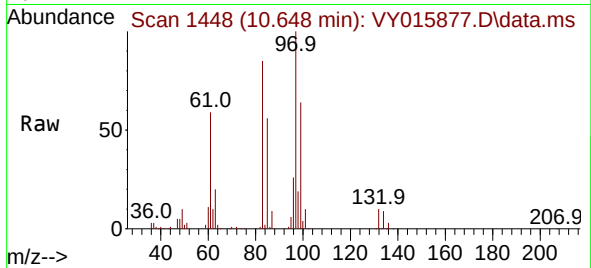




#55
1,1,2-Trichloroethane
Concen: 40.300 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

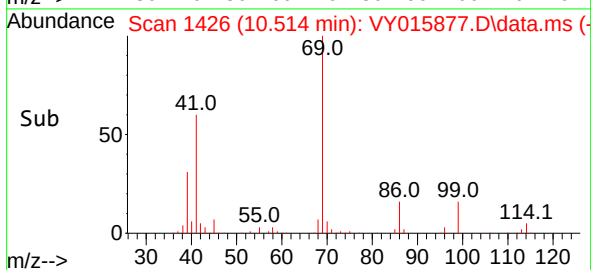
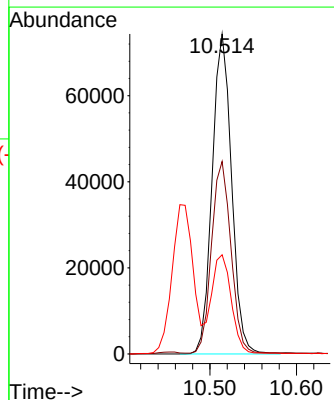
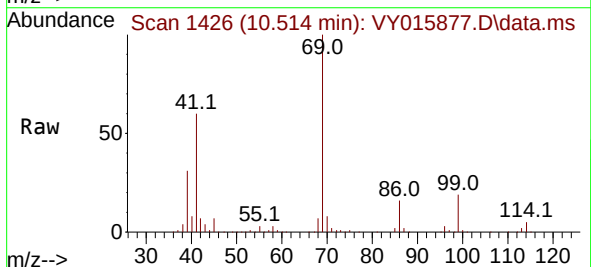
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

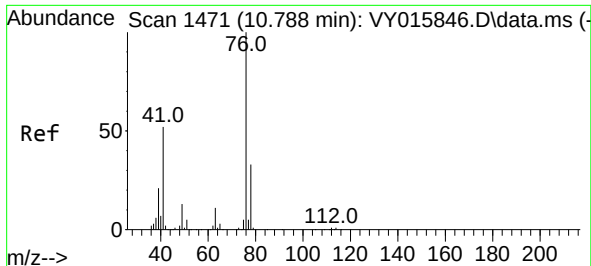
Tgt Ion: 97	Resp: 87566
Ion Ratio	Lower Upper
97 100	
83 85.2	72.0 108.0
85 56.4	45.4 68.0
99 64.4	50.3 75.5



#56
Ethyl methacrylate
Concen: 36.710 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 69	Resp: 115652
Ion Ratio	Lower Upper
69 100	
41 60.1	57.6 86.4
39 32.4	34.1 51.1





#57

1,3-Dichloropropane

Concen: 41.490 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

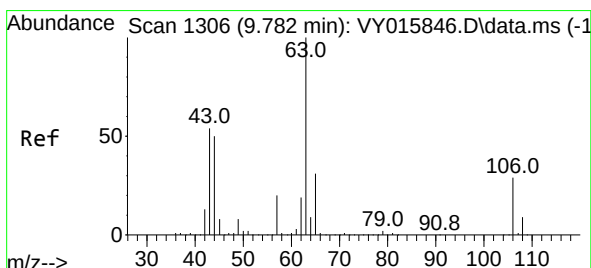
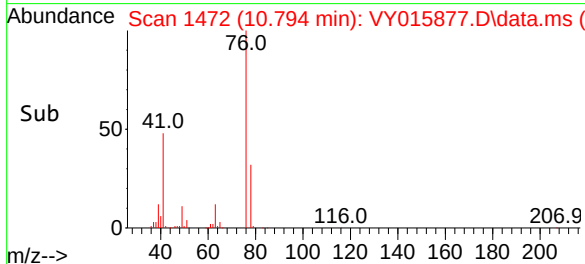
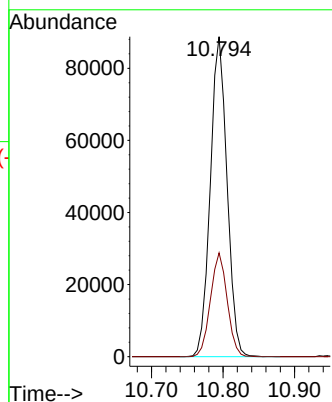
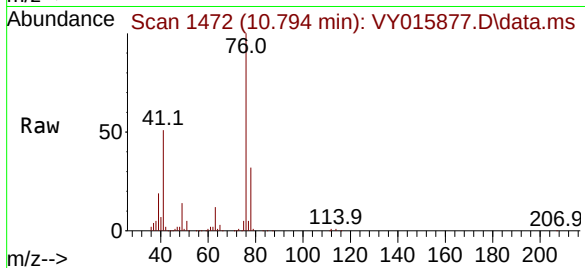
VSTDCCC050

Tgt Ion: 76 Resp: 144126

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 198.573 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY015877.D

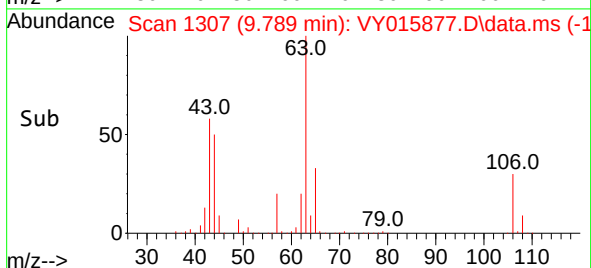
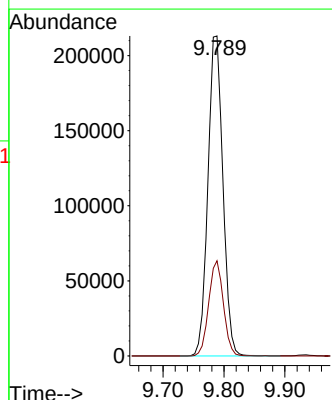
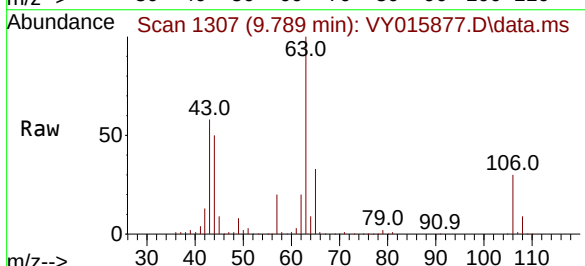
Acq: 09 Oct 2023 12:45

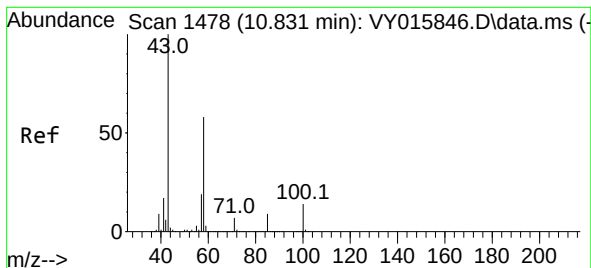
Tgt Ion: 63 Resp: 364522

Ion Ratio Lower Upper

63 100

106 29.1 21.2 31.8

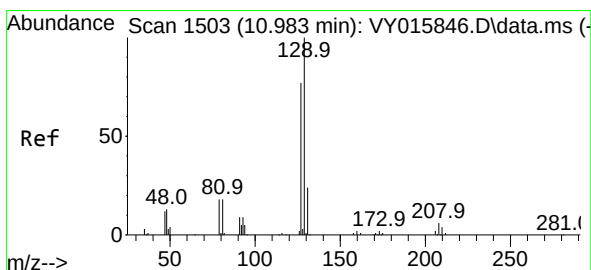
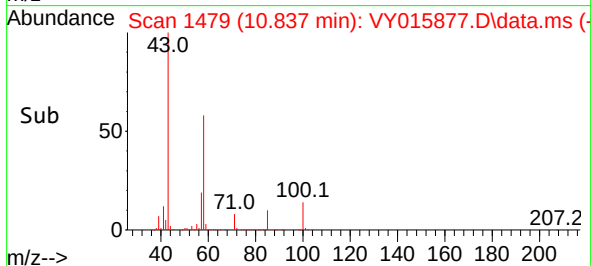
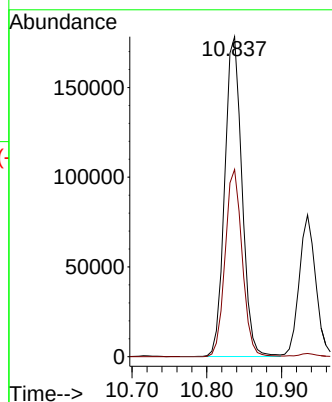
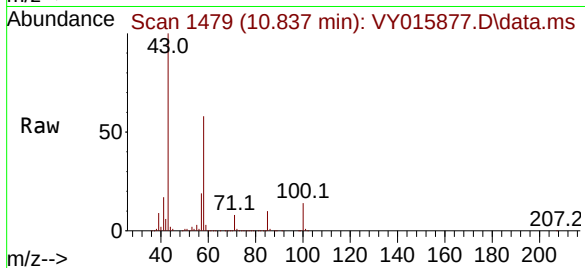




#59
2-Hexanone
Concen: 131.324 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

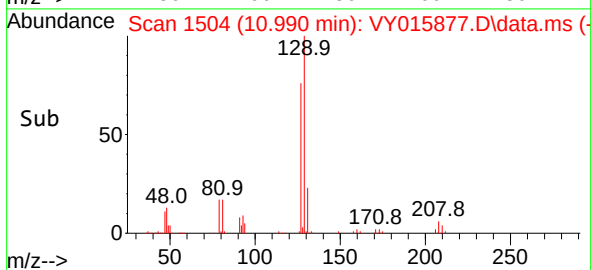
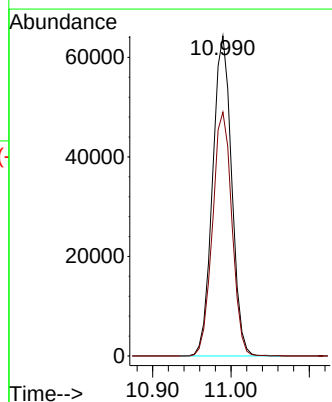
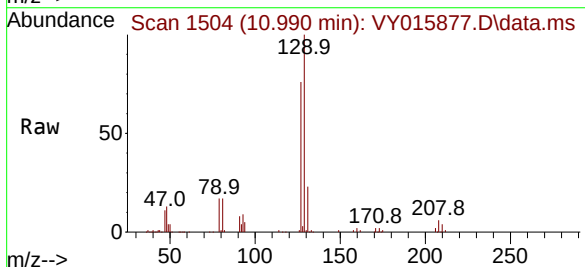
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

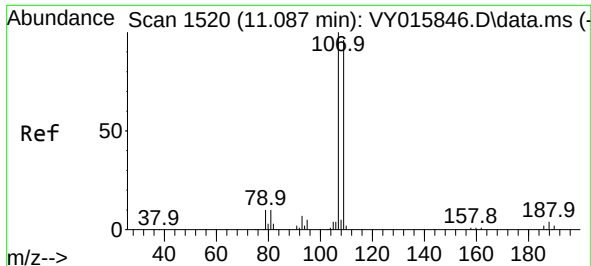
Tgt Ion: 43 Resp: 286208
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 43.260 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:129 Resp: 108568
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

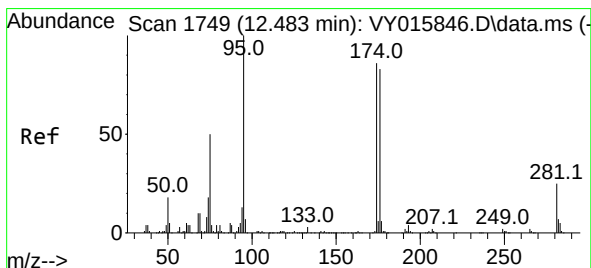
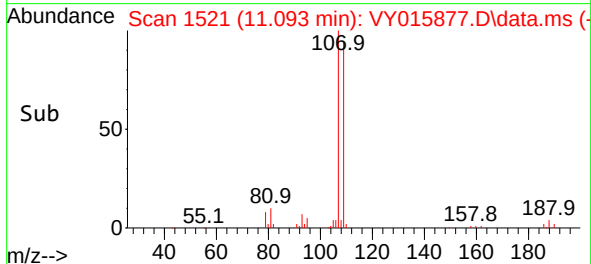
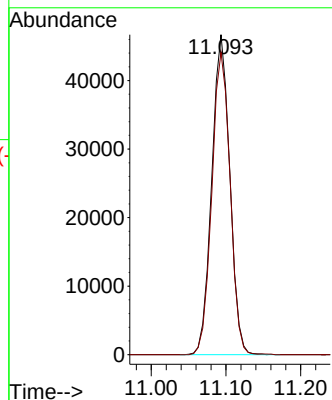
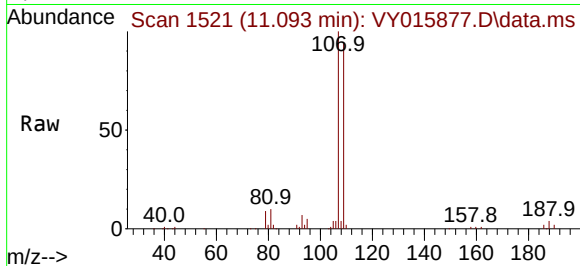




#61
1,2-Dibromoethane
Concen: 38.574 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

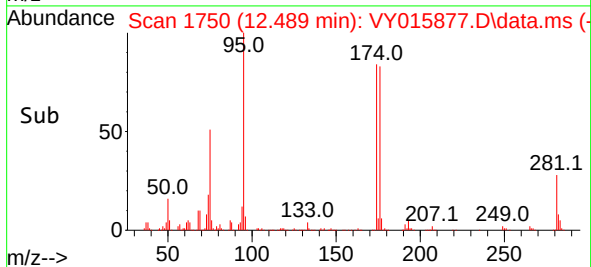
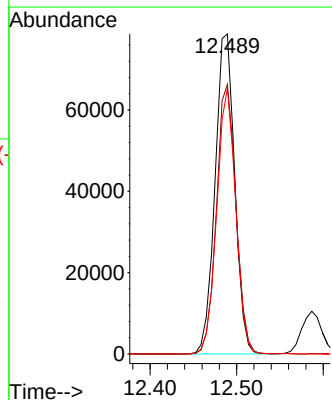
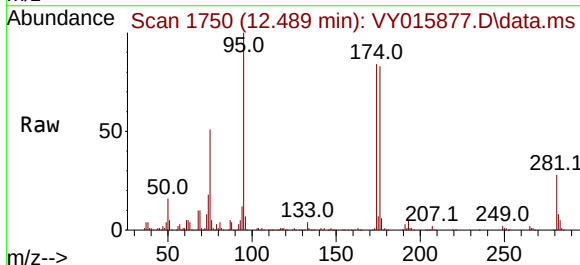
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

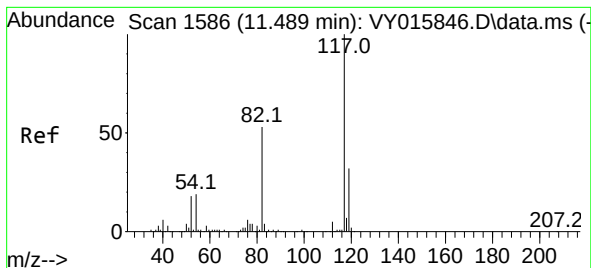
Tgt Ion:107 Resp: 78328
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 95 Resp: 123796
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 80.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

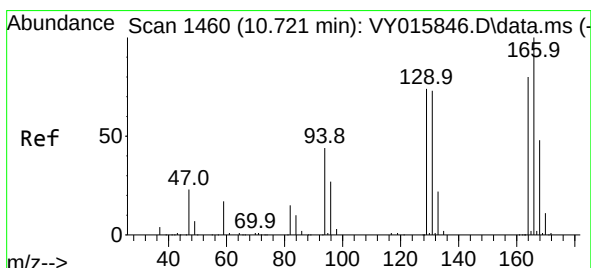
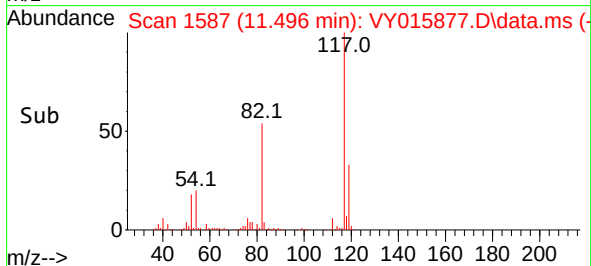
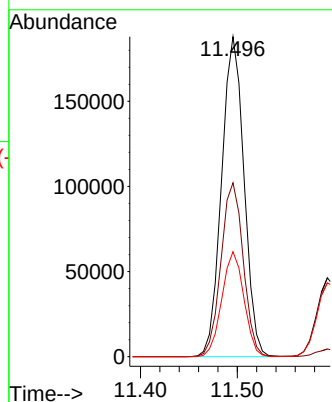
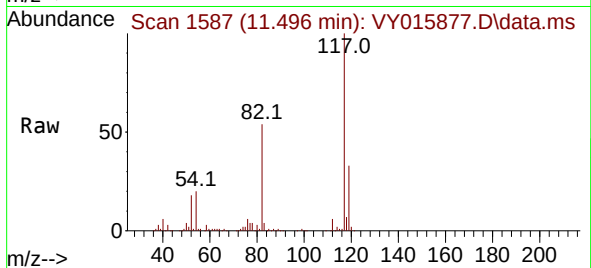
Tgt Ion:117 Resp: 302205

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.8 26.3 39.5



#64

Tetrachloroethene

Concen: 48.441 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Tgt Ion:164 Resp: 102897

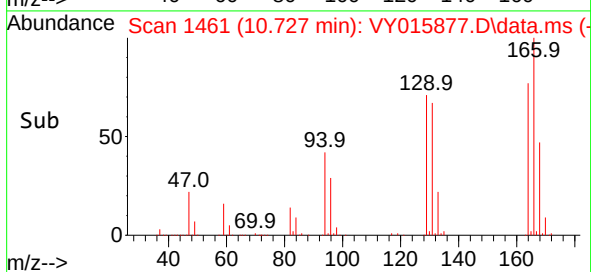
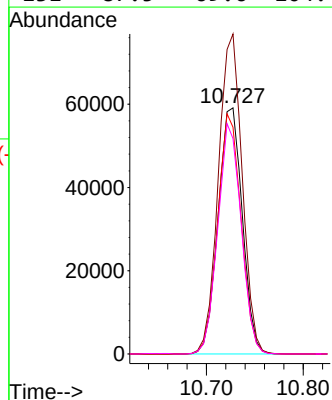
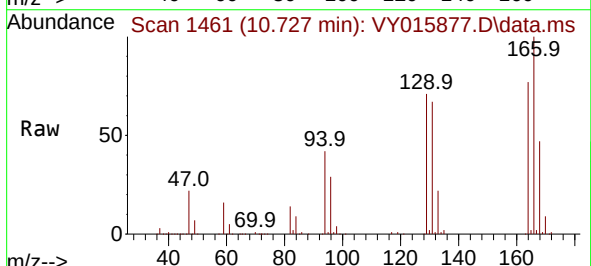
Ion Ratio Lower Upper

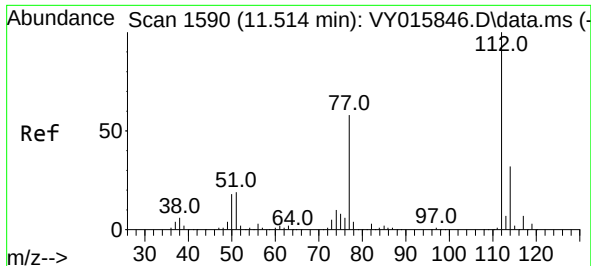
164 100

166 130.0 103.0 154.6

129 92.1 77.2 115.8

131 87.5 69.6 104.4

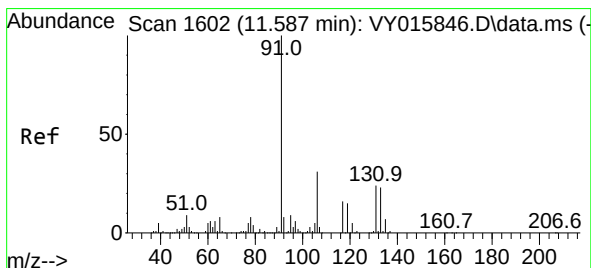
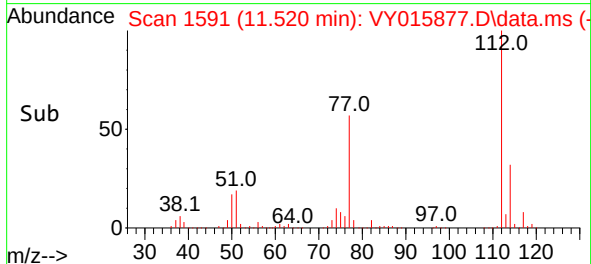
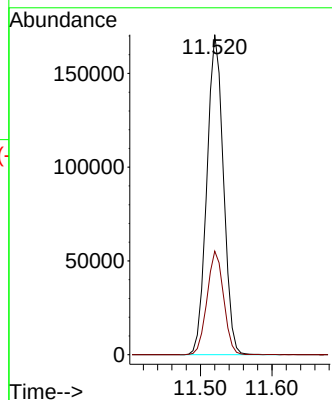
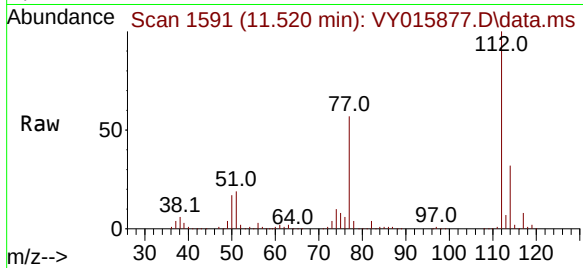




#65
Chlorobenzene
Concen: 49.095 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

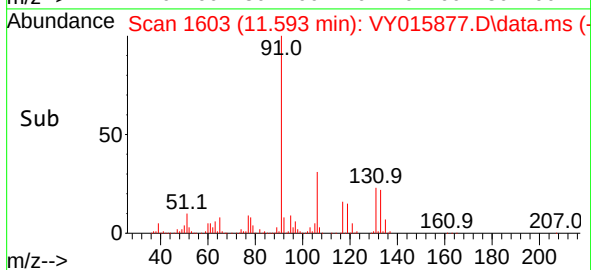
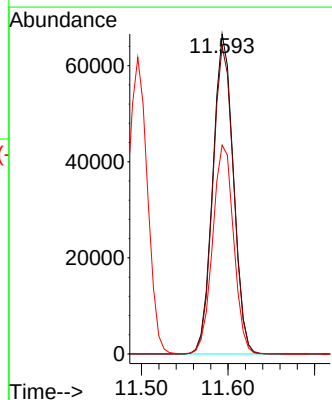
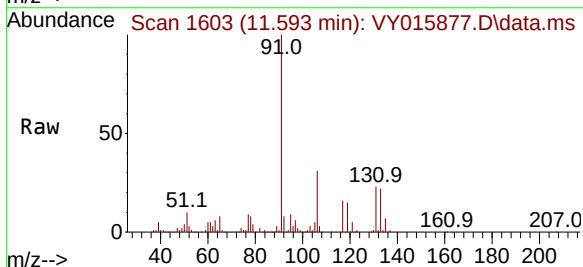
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

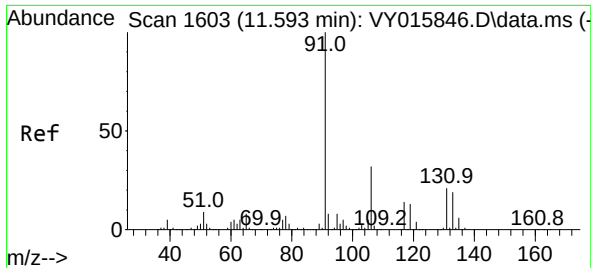
Tgt Ion:112 Resp: 274385
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.831 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:131 Resp: 109911
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 66.7 31.6 94.7

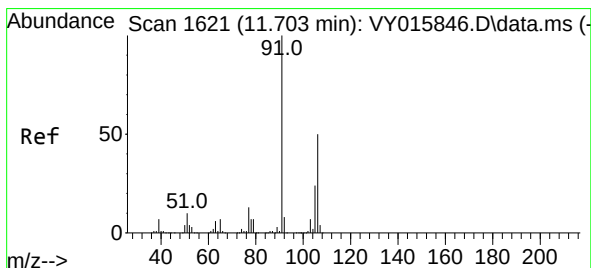
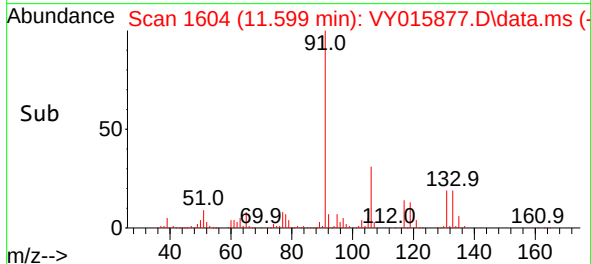
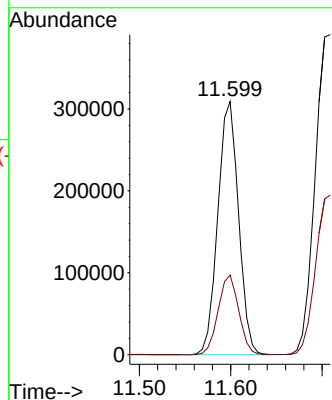
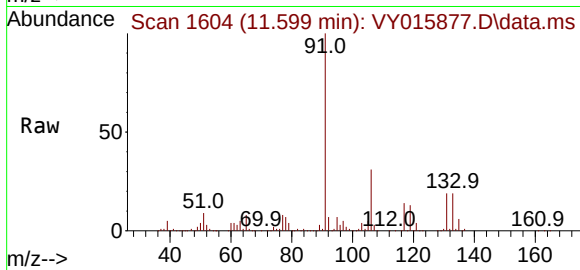




#67
Ethyl Benzene
Concen: 50.931 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

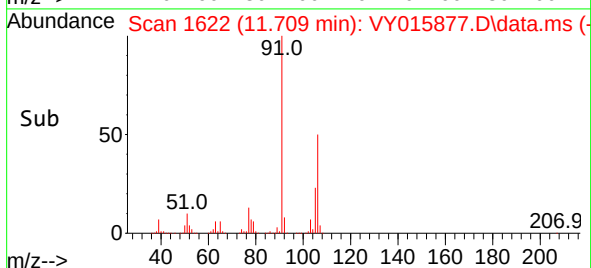
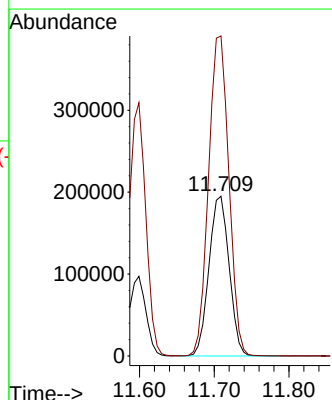
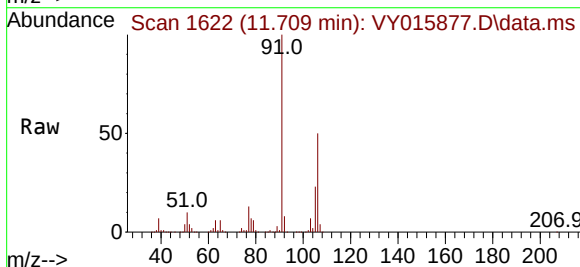
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

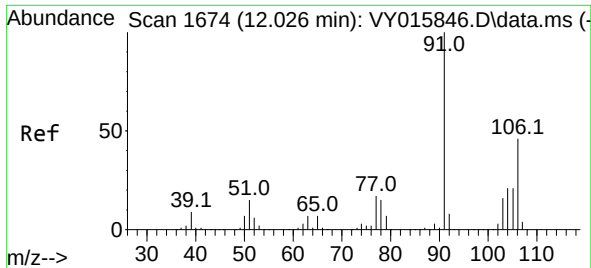
Tgt Ion: 91 Resp: 487190
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 100.765 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:106 Resp: 366409
Ion Ratio Lower Upper
106 100
91 201.8 166.1 249.1

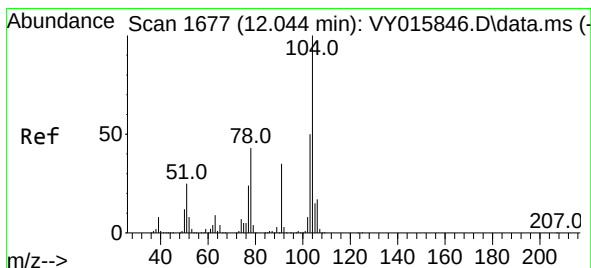
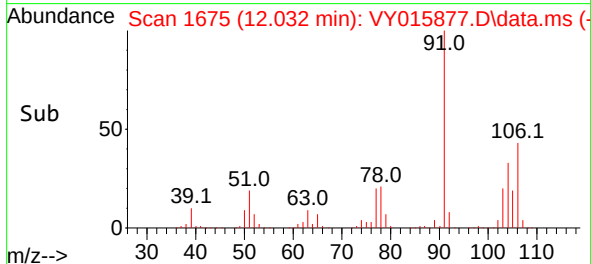
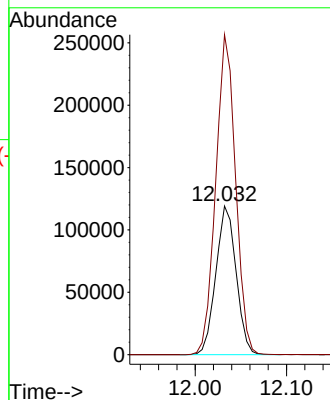
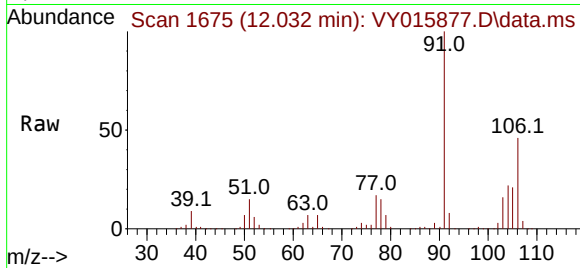




#69
o-Xylene
Concen: 50.753 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

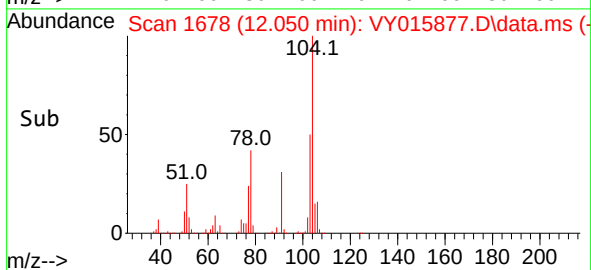
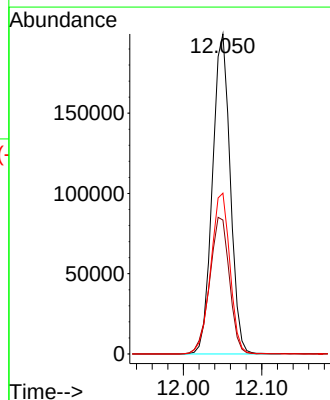
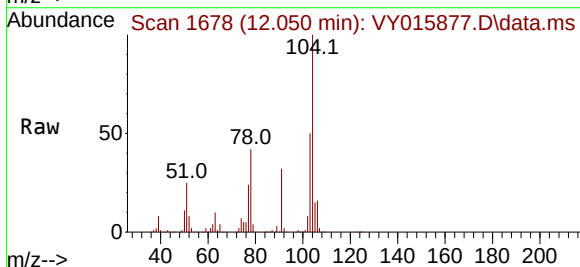
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

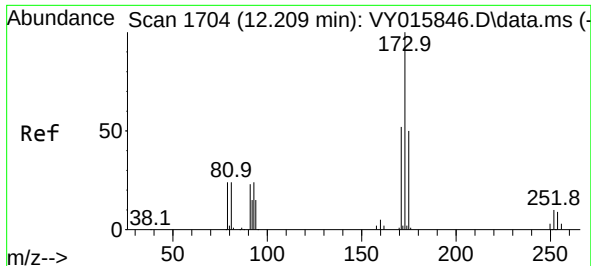
Tgt Ion:106 Resp: 183567
Ion Ratio Lower Upper
106 100
91 210.8 108.1 324.3



#70
Styrene
Concen: 49.776 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:104 Resp: 314294
Ion Ratio Lower Upper
104 100
78 47.5 41.5 62.3
103 54.4 44.6 67.0

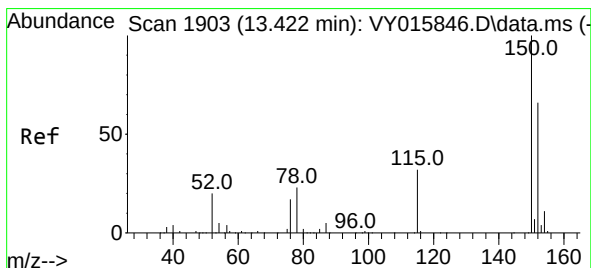
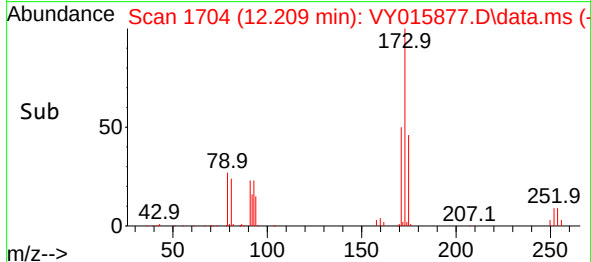
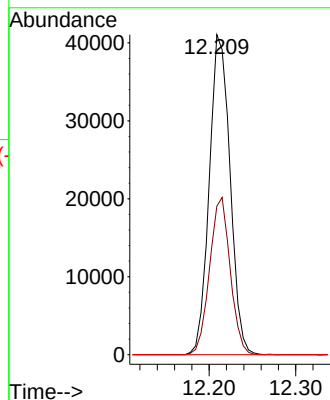
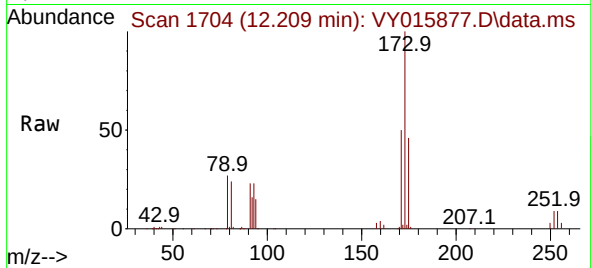




#71
Bromoform
Concen: 39.883 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

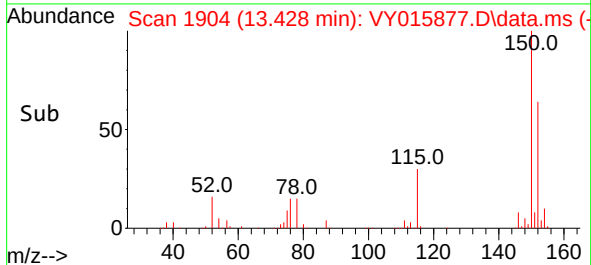
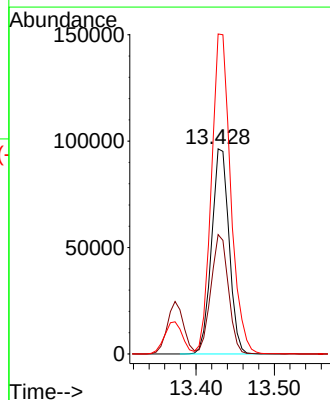
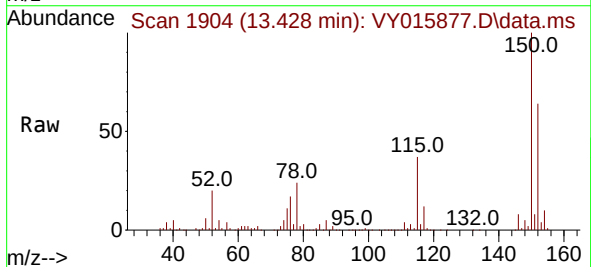
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

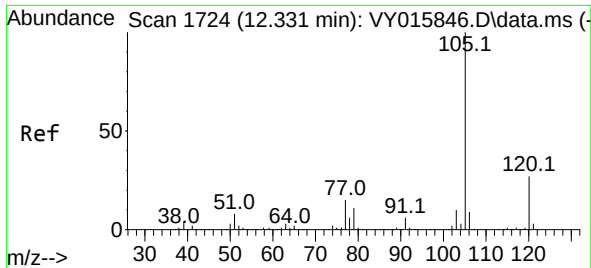
Tgt Ion:173 Resp: 68338
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:152 Resp: 149444
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 171.9 0.0 348.8

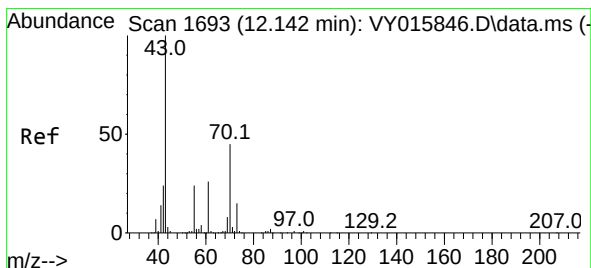
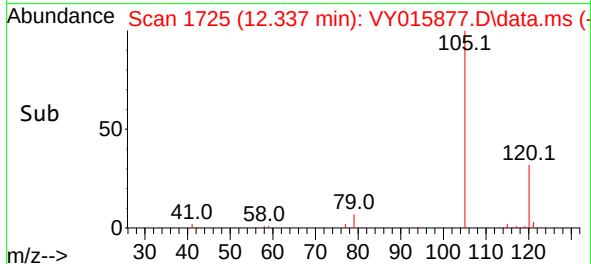
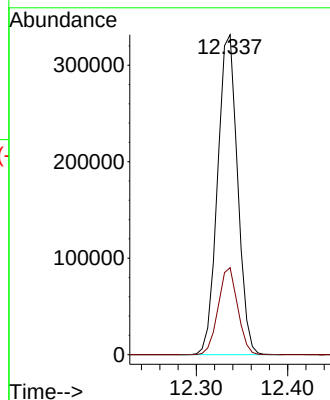
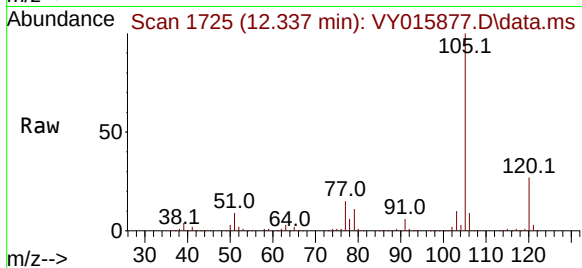




#73
Isopropylbenzene
Concen: 52.109 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

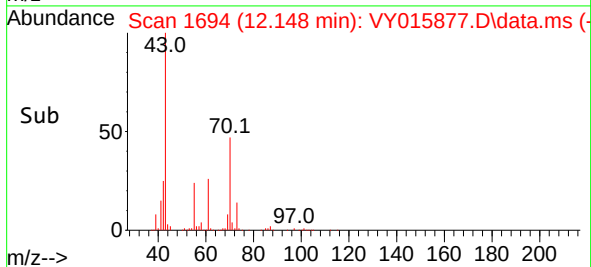
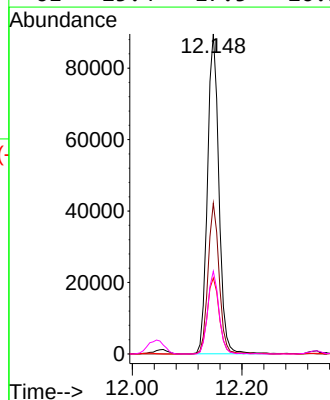
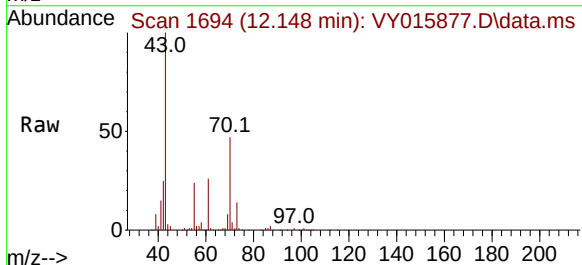
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

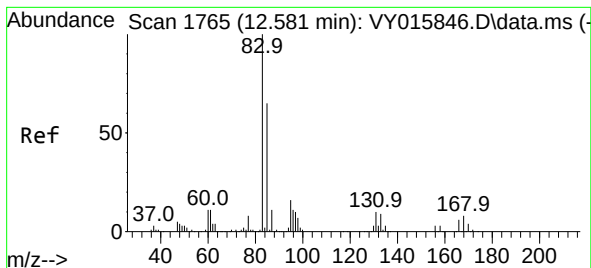
Tgt Ion:105 Resp: 504463
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-amy1 acetate
Concen: 34.450 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 43 Resp: 128873
Ion Ratio Lower Upper
43 100
70 45.7 29.7 44.5#
55 24.6 18.3 27.5
61 25.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 36.562 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

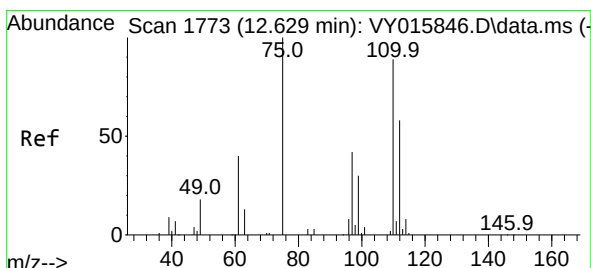
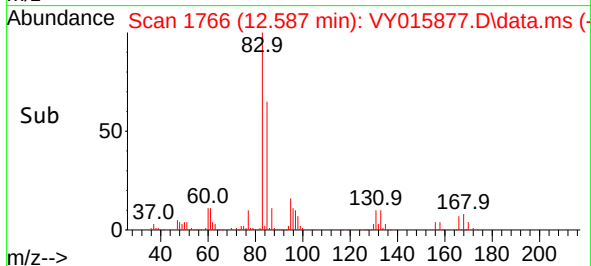
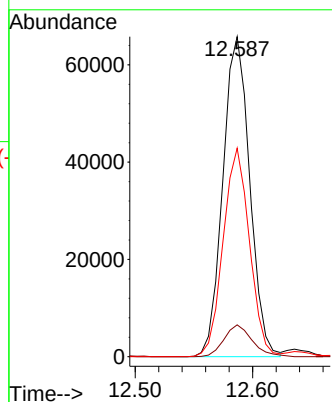
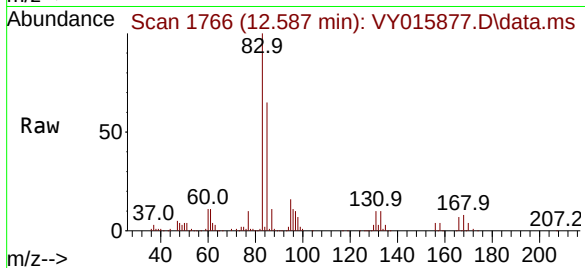
Tgt Ion: 83 Resp: 104554

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 60.827 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015877.D

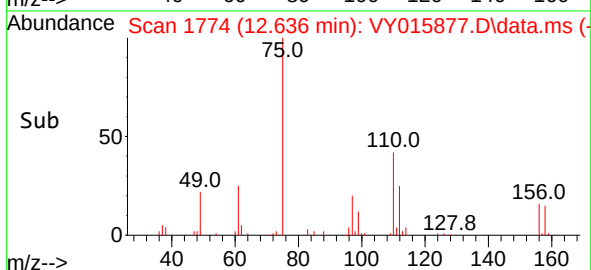
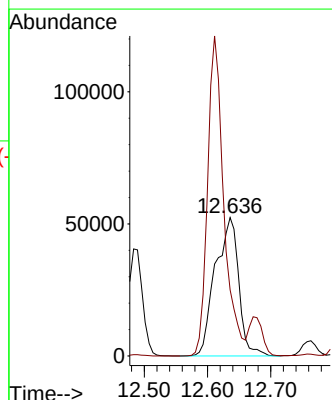
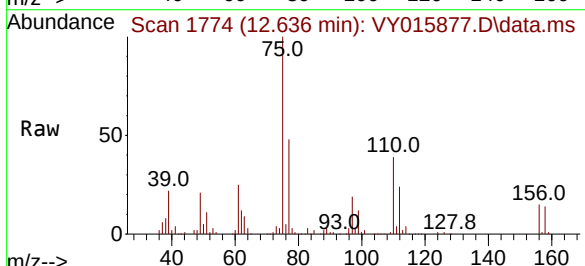
Acq: 09 Oct 2023 12:45

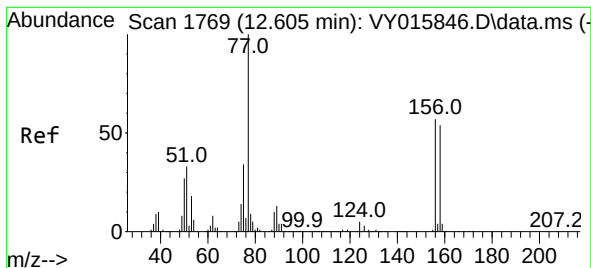
Tgt Ion: 75 Resp: 134568

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.008 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

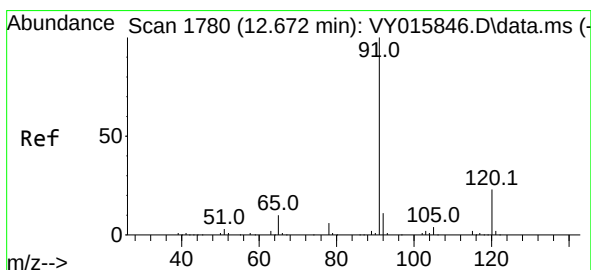
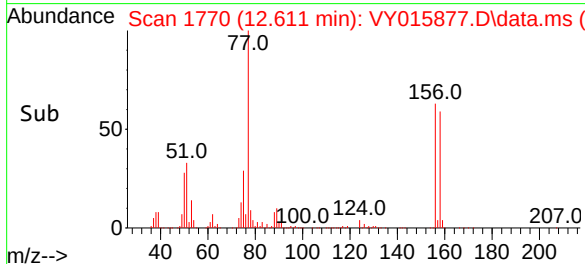
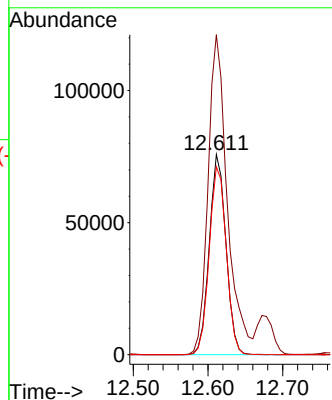
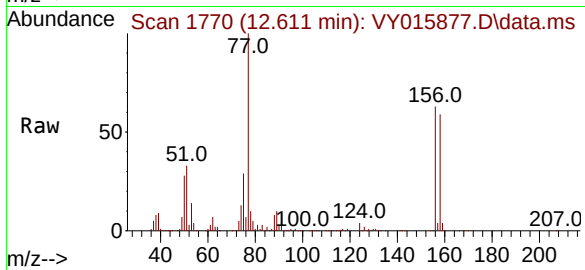
Tgt Ion:156 Resp: 117369

Ion Ratio Lower Upper

156 100

77 184.8 92.8 278.6

158 96.1 48.4 145.3



#78

n-propylbenzene

Concen: 52.514 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015877.D

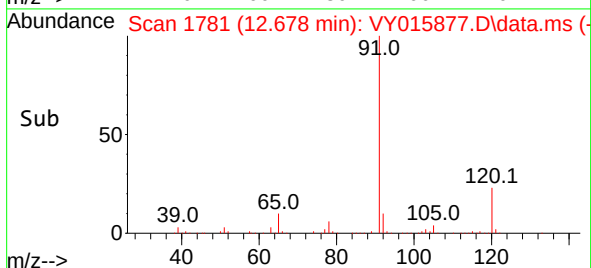
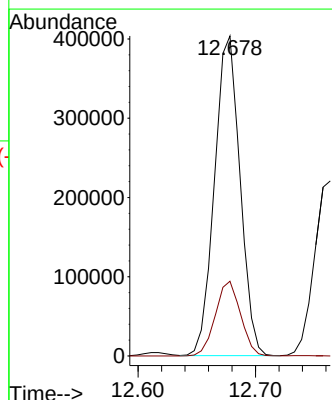
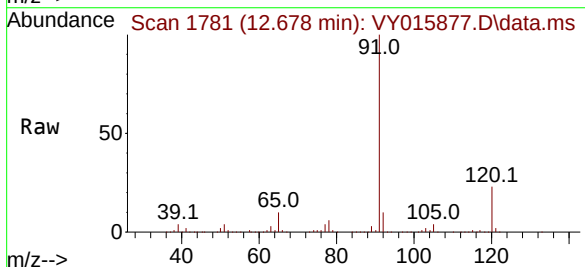
Acq: 09 Oct 2023 12:45

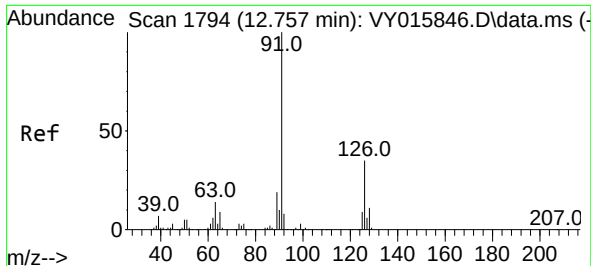
Tgt Ion: 91 Resp: 608933

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.508 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

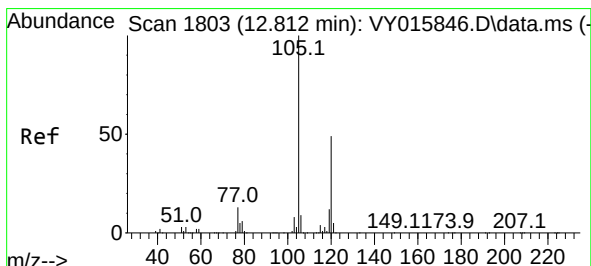
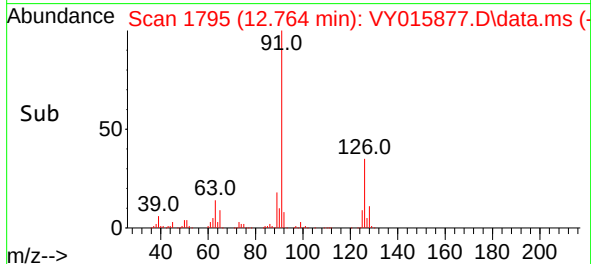
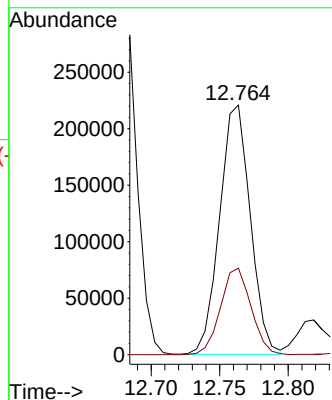
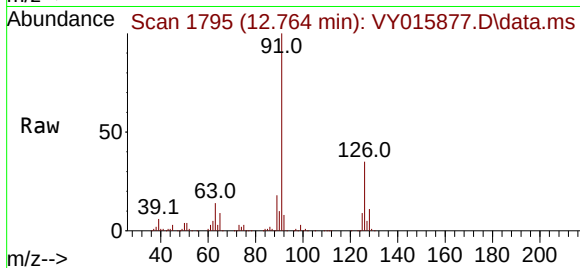
VSTDCCC050

Tgt Ion: 91 Resp: 343947

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 52.058 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015877.D

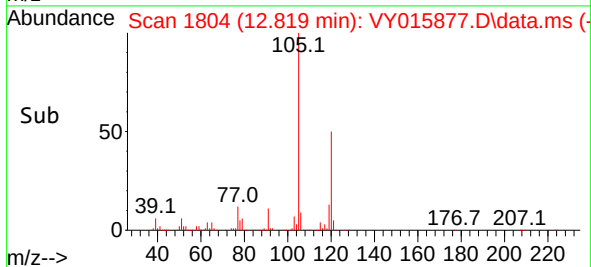
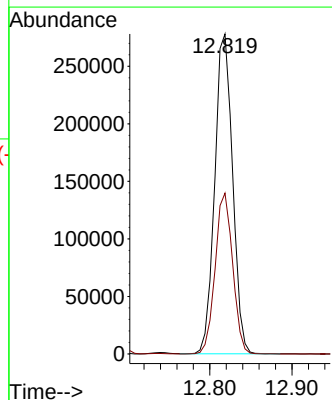
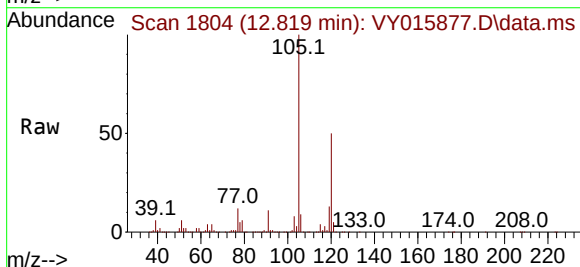
Acq: 09 Oct 2023 12:45

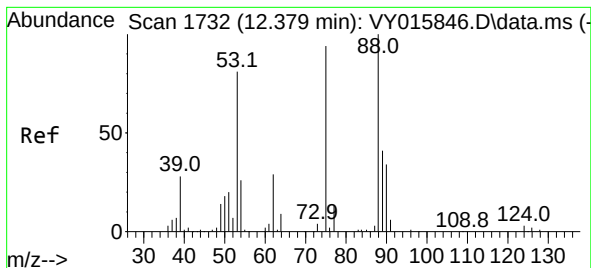
Tgt Ion: 105 Resp: 420003

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

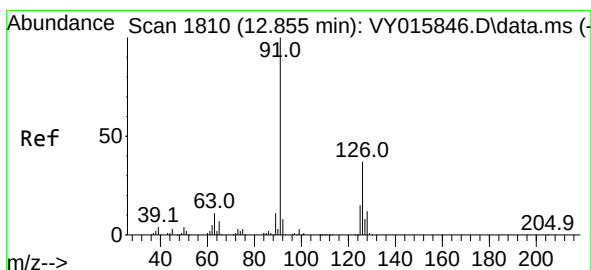
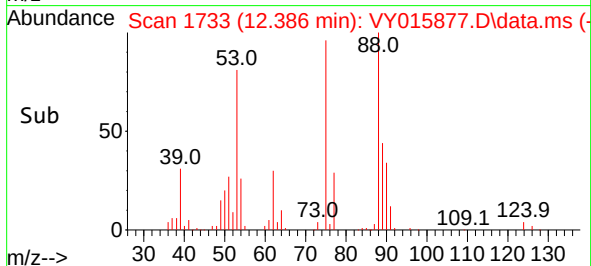
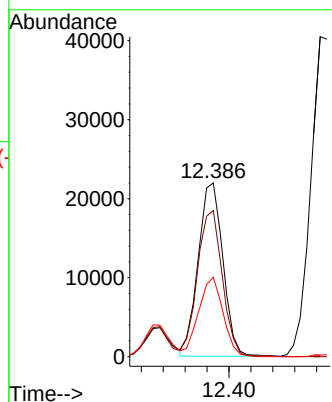
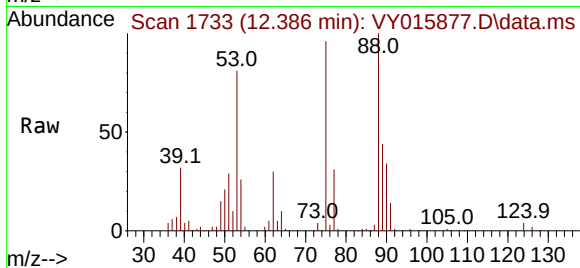




#81
trans-1,4-Dichloro-2-butene
Concen: 35.906 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

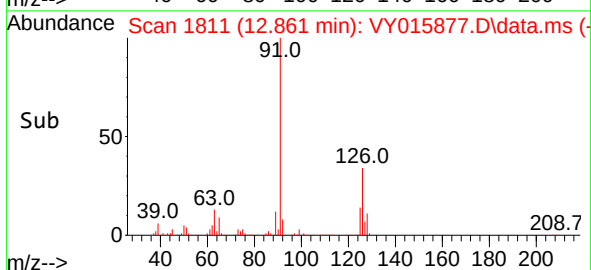
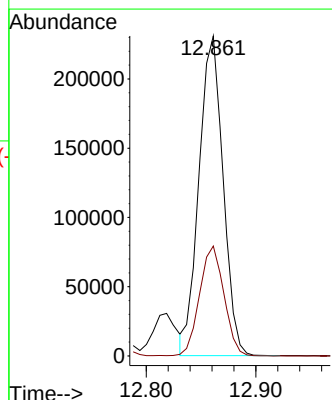
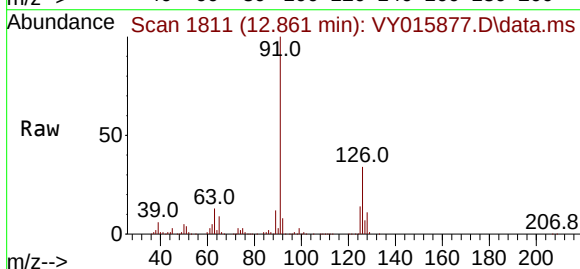
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

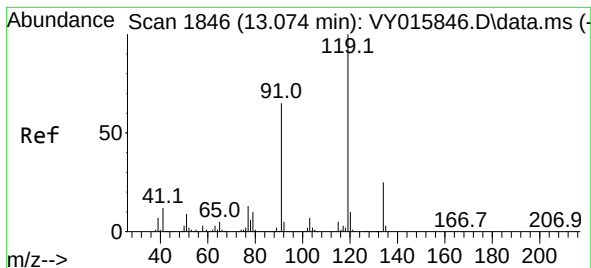
Tgt Ion: 75 Resp: 34315
Ion Ratio Lower Upper
75 100
53 85.5 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.462 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 91 Resp: 352673
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.356 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

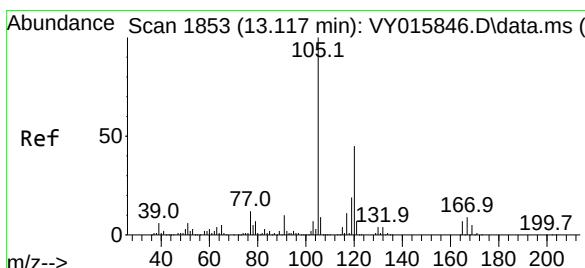
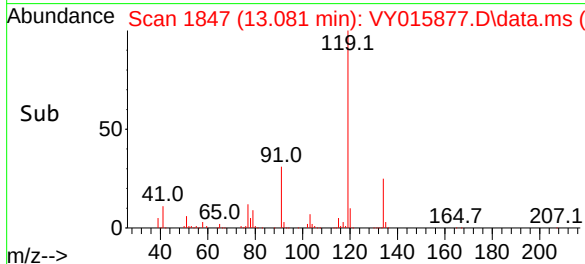
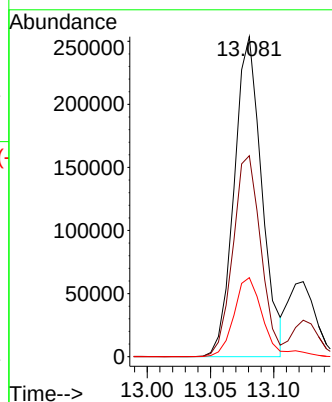
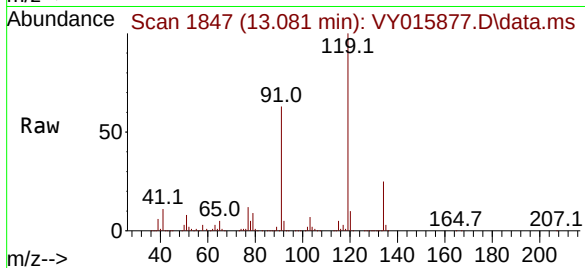
Tgt Ion:119 Resp: 386108

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.281 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015877.D

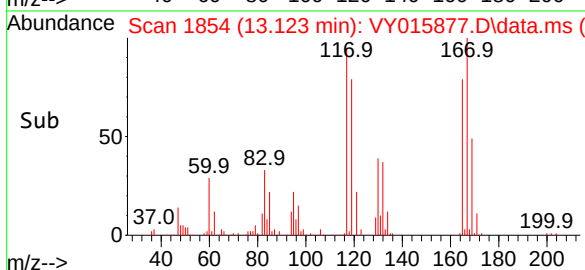
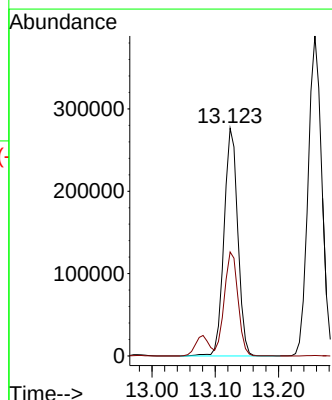
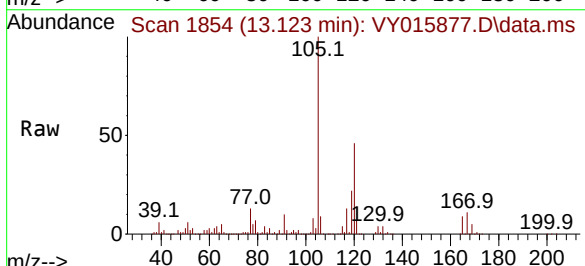
Acq: 09 Oct 2023 12:45

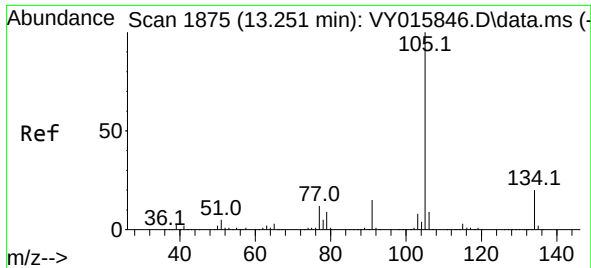
Tgt Ion:105 Resp: 415643

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

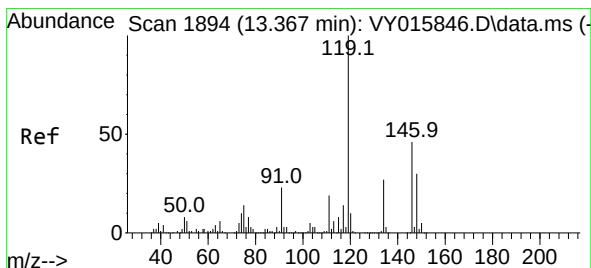
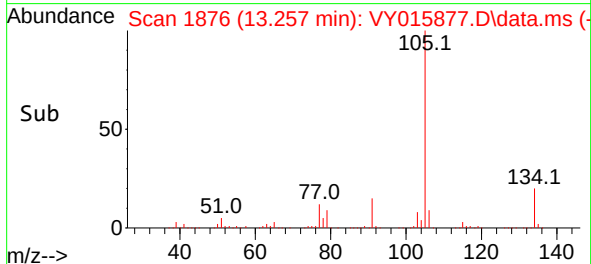
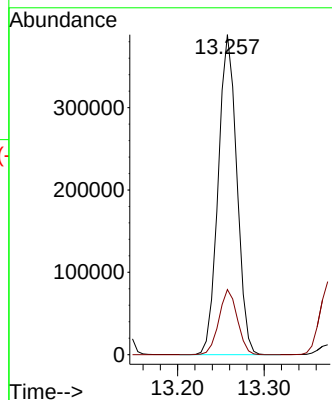
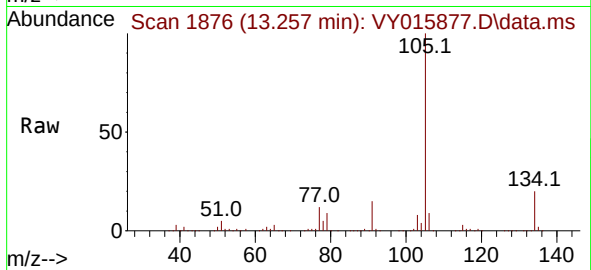




#85
 sec-Butylbenzene
 Concen: 53.615 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY015877.D
 Acq: 09 Oct 2023 12:45

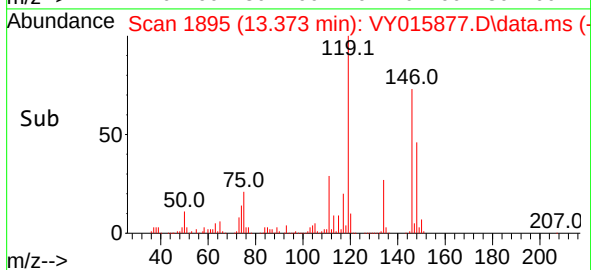
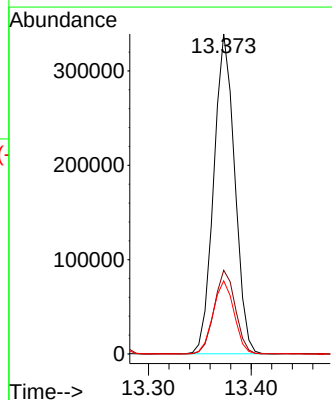
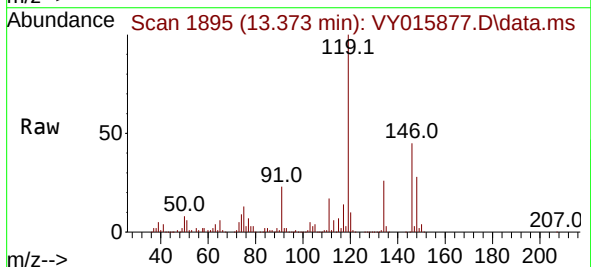
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

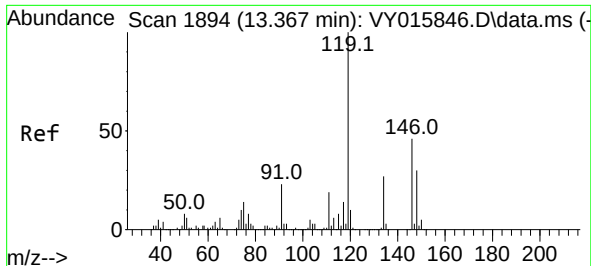
Tgt Ion:105 Resp: 580093
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.276 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015877.D
 Acq: 09 Oct 2023 12:45

Tgt Ion:119 Resp: 480016
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.9 12.4 37.4

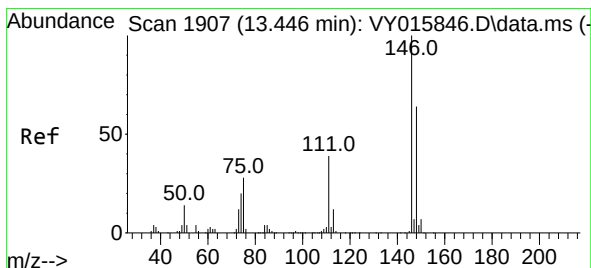
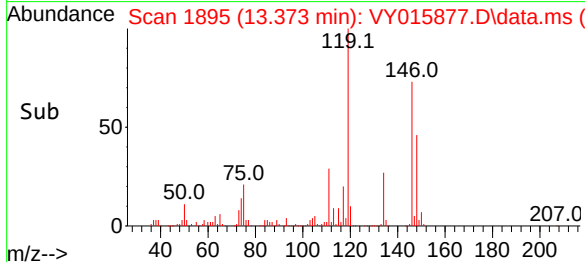
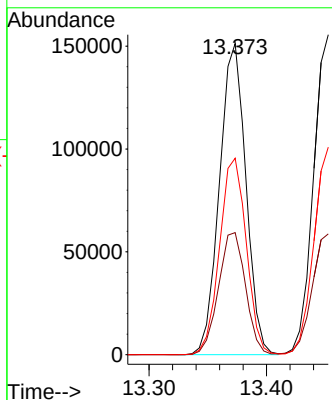
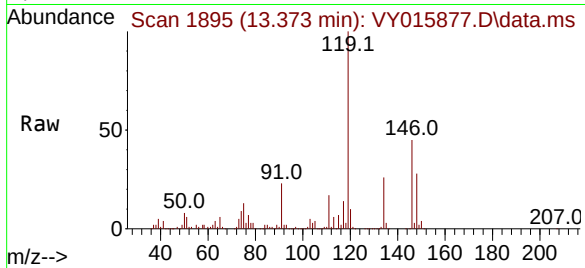




#87
1,3-Dichlorobenzene
Concen: 49.327 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

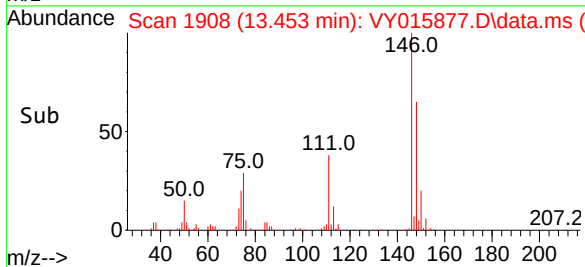
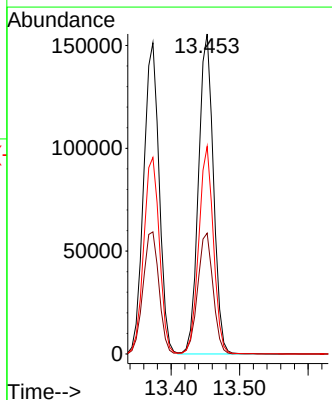
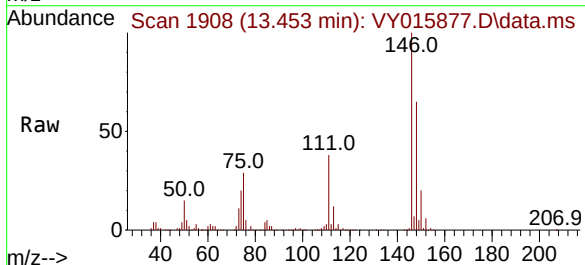
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

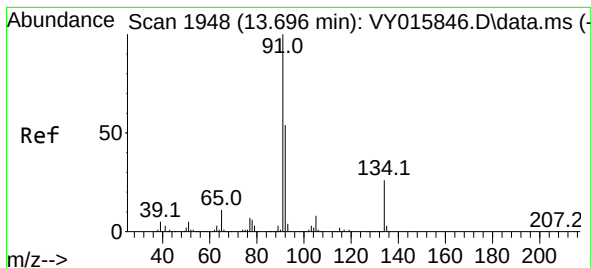
Tgt Ion:146 Resp: 236525
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.675 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:146 Resp: 235982
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 52.950 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

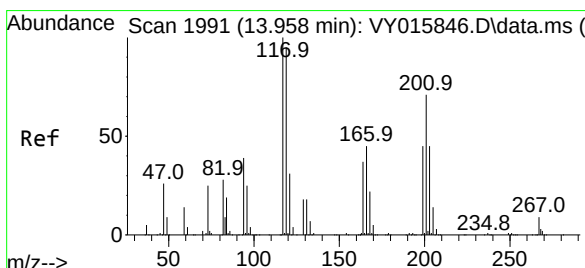
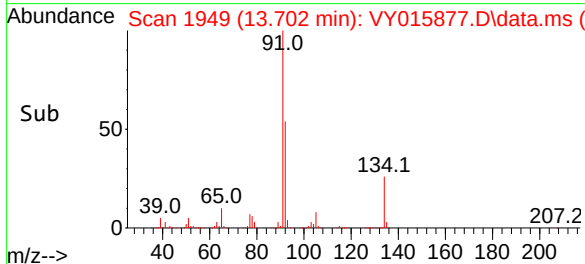
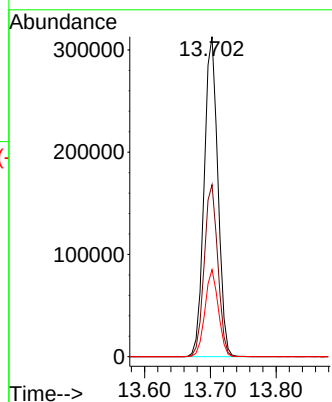
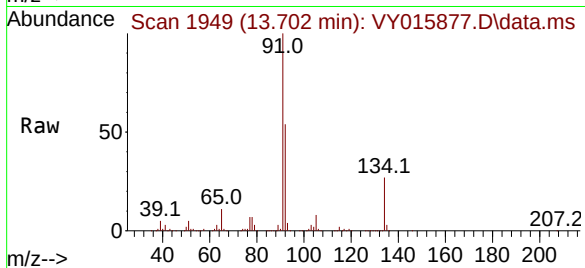
Tgt Ion: 91 Resp: 453971

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 53.218 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015877.D

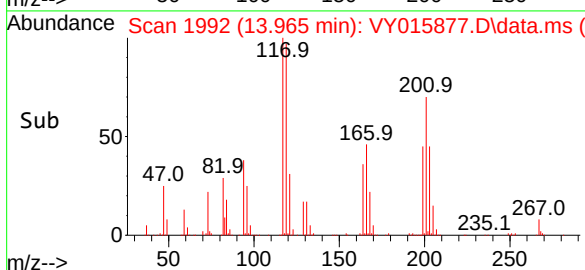
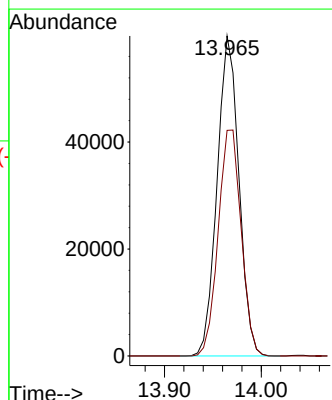
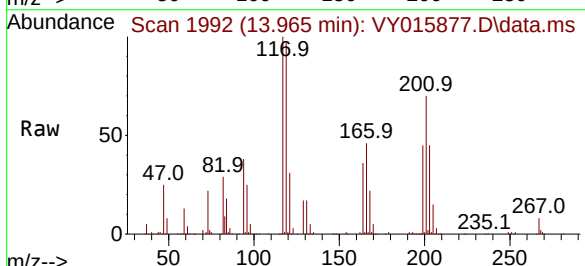
Acq: 09 Oct 2023 12:45

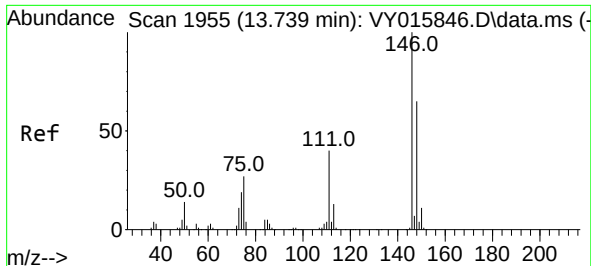
Tgt Ion: 117 Resp: 93593

Ion Ratio Lower Upper

117 100

201 74.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 47.769 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

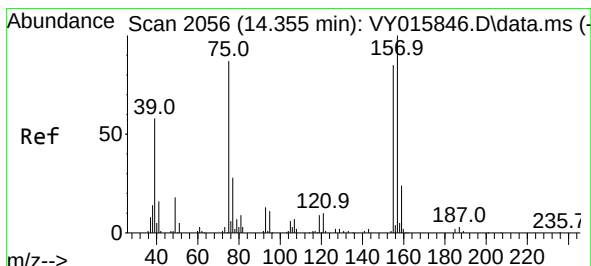
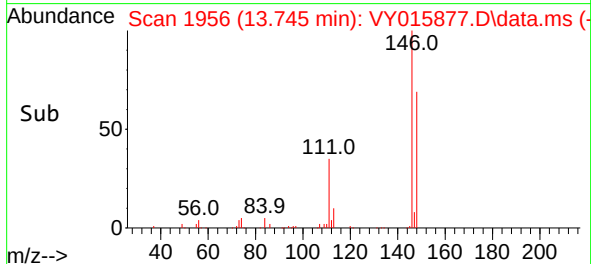
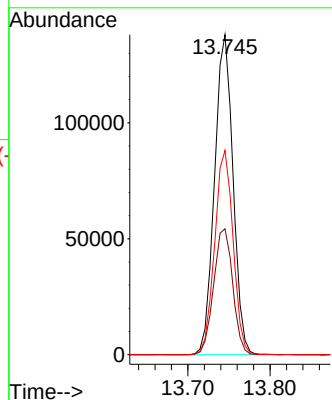
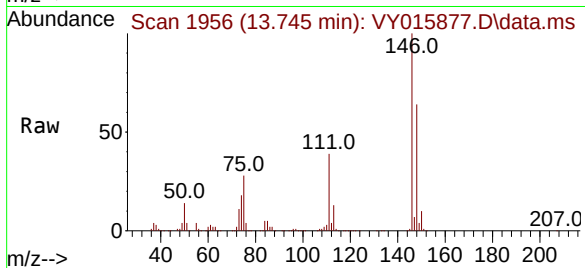
Tgt Ion:146 Resp: 215719

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 29.114 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

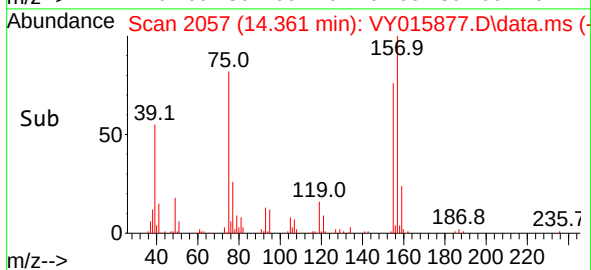
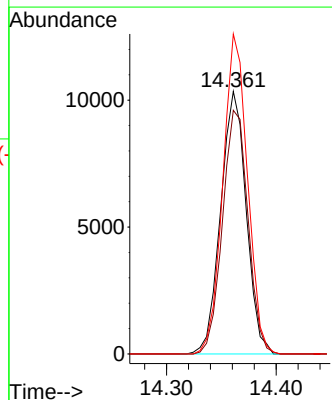
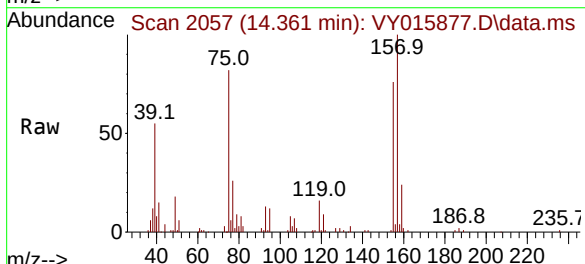
Tgt Ion: 75 Resp: 16706

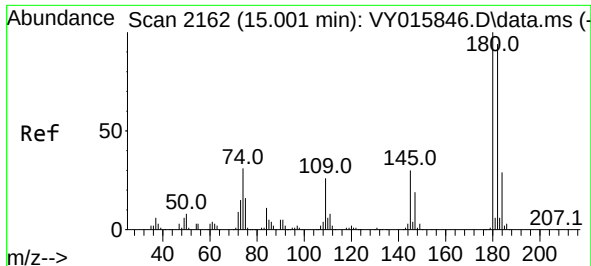
Ion Ratio Lower Upper

75 100

155 92.8 41.5 124.6

157 117.5 51.8 155.5

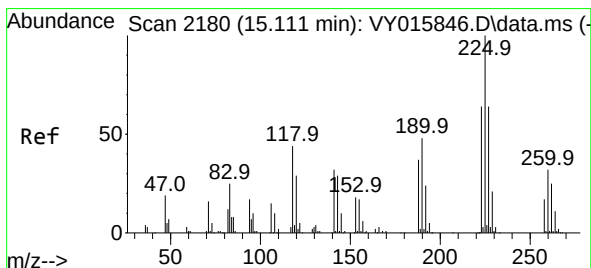
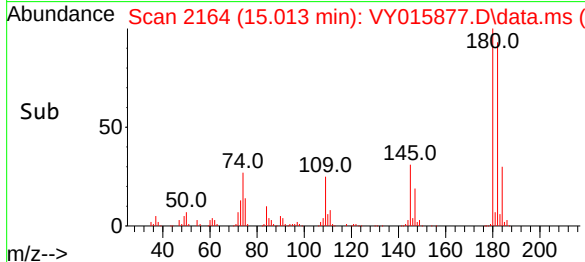
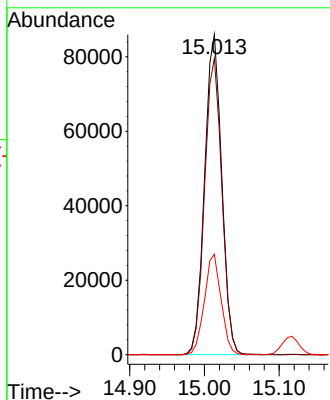
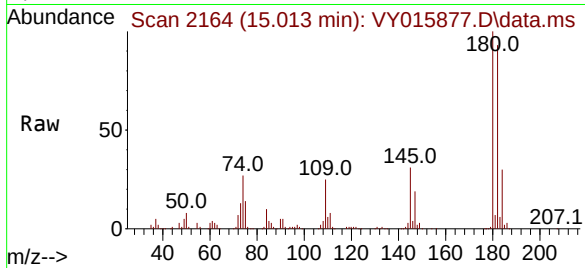




#93
1,2,4-Trichlorobenzene
Concen: 46.598 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.012 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

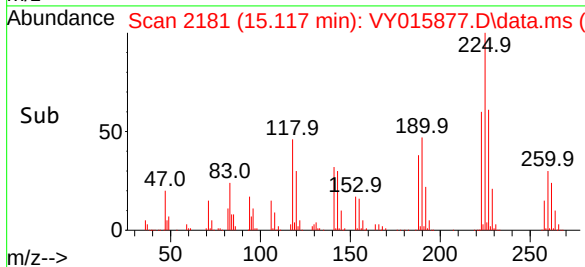
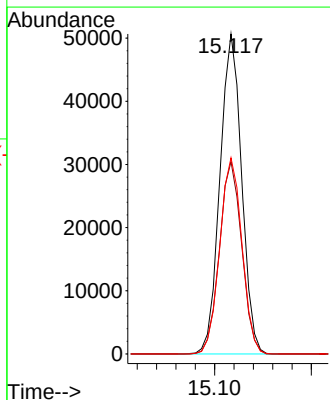
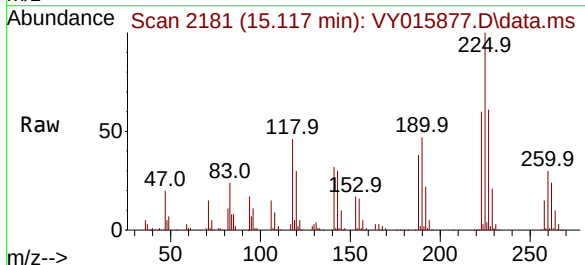
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

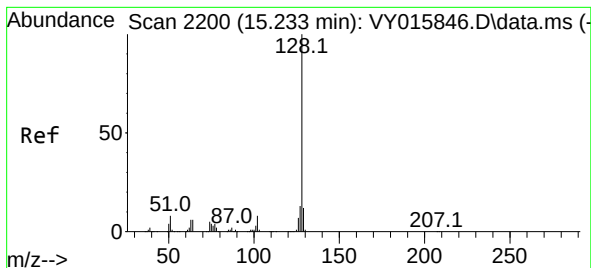
Tgt Ion:180 Resp: 136964
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.2
145 30.6 14.5 43.5



#94
Hexachlorobutadiene
Concen: 51.331 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY015877.D
Acq: 09 Oct 2023 12:45

Tgt Ion:225 Resp: 78614
Ion Ratio Lower Upper
225 100
223 61.7 31.9 95.9
227 62.7 33.0 98.9





#95

Naphthalene

Concen: 35.125 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

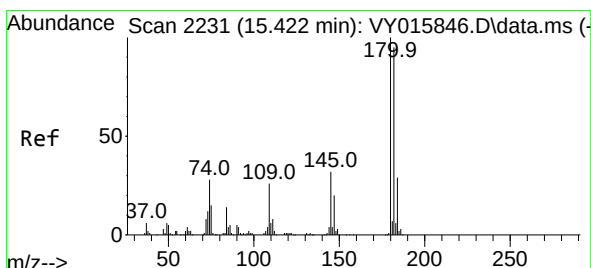
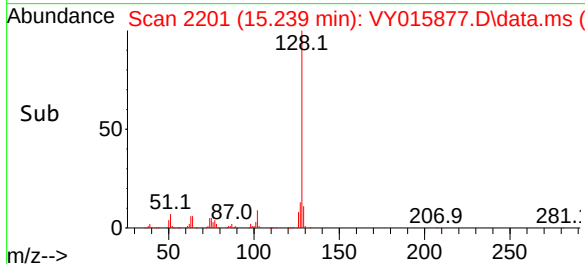
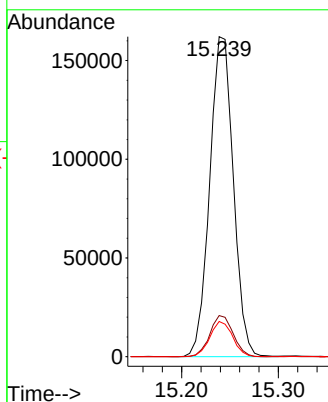
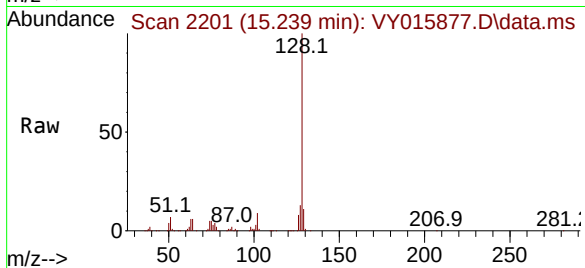
Tgt Ion:128 Resp: 275289

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.841 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015877.D

Acq: 09 Oct 2023 12:45

Tgt Ion:180 Resp: 117981

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 32.5 15.4 46.2

