

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013771.D
 Acq On : 17 May 2023 11:45
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 18 06:38:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	264485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	418750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	373282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	294965	96.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.000%#	
35) Dibromofluoromethane	7.728	113	267630	99.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 199.340%#	
50) Toluene-d8	10.185	98	1024302	100.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 201.240%#	
62) 4-Bromofluorobenzene	12.483	95	341725	101.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 202.120%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	187073	98.513	ug/l	100
3) Chloromethane	2.119	50	271883	94.438	ug/l	97
4) Vinyl Chloride	2.259	62	279426	97.201	ug/l	100
5) Bromomethane	2.656	94	241600	94.775	ug/l	98
6) Chloroethane	2.796	64	187583	94.932	ug/l	99
7) Trichlorofluoromethane	3.131	101	408601	97.659	ug/l	100
8) Diethyl Ether	3.534	74	135279	96.628	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	239938	97.987	ug/l	99
10) Methyl Iodide	4.101	142	293773	109.199	ug/l	99
11) Tert butyl alcohol	4.978	59	113373	455.493	ug/l	100
12) 1,1-Dichloroethene	3.881	96	219807	99.034	ug/l	98
13) Acrolein	3.735	56	214243	481.829	ug/l	98
14) Allyl chloride	4.491	41	441455	100.969	ug/l	98
15) Acrylonitrile	5.173	53	399327	486.381	ug/l	99
16) Acetone	3.960	43	457028	493.036	ug/l	98
17) Carbon Disulfide	4.204	76	606952	95.166	ug/l	99
18) Methyl Acetate	4.485	43	300655	93.033	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	687194	102.051	ug/l	98
20) Methylene Chloride	4.722	84	265304	101.222	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	250967	100.419	ug/l	93
22) Diisopropyl ether	6.131	45	954330	102.615	ug/l	94
23) Vinyl Acetate	6.070	43	2815731	523.205	ug/l	99
24) 1,1-Dichloroethane	6.027	63	503638	99.063	ug/l	100
25) 2-Butanone	6.996	43	603935	501.187	ug/l	99
26) 2,2-Dichloropropane	6.990	77	439761	101.264	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	296500	100.684	ug/l	97
28) Bromochloromethane	7.338	49	166112	93.381	ug/l	99
29) Tetrahydrofuran	7.356	42	355383	492.895	ug/l	100
30) Chloroform	7.515	83	503551	98.289	ug/l	98
31) Cyclohexane	7.795	56	417186	94.704	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	441460	100.947	ug/l	99
36) 1,1-Dichloropropene	7.923	75	371144	100.033	ug/l	100
37) Ethyl Acetate	7.082	43	247775	97.086	ug/l	99
38) Carbon Tetrachloride	7.911	117	393167	100.450	ug/l	98
39) Methylcyclohexane	9.191	83	435854	103.356	ug/l	99
40) Benzene	8.167	78	1063105	98.601	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	124425	101.061	ug/l	88
42) 1,2-Dichloroethane	8.240	62	334876	96.127	ug/l	99
43) Isopropyl Acetate	8.277	43	465535	100.499	ug/l	100
44) Trichloroethene	8.947	130	277114	98.319	ug/l	98
45) 1,2-Dichloropropane	9.222	63	294876	99.528	ug/l	98
46) Dibromomethane	9.313	93	161964	97.608	ug/l	99
47) Bromodichloromethane	9.502	83	388036	98.746	ug/l	97
48) Methyl methacrylate	9.295	41	223893	105.221	ug/l	97
49) 1,4-Dioxane	9.313	88	39802	1954.420	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	1279044	495.840	ug/l	99
52) Toluene	10.246	92	663859	101.564	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	412030	101.695	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	454164	100.465	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	220284	97.608	ug/l	99
56) Ethyl methacrylate	10.514	69	318464	105.739	ug/l	98
57) 1,3-Dichloropropane	10.794	76	378711	97.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	514960	471.939	ug/l	99
59) 2-Hexanone	10.837	43	928810	506.553	ug/l	100
60) Dibromochloromethane	10.990	129	272336	99.588	ug/l	99
61) 1,2-Dibromoethane	11.093	107	211725	99.488	ug/l	98
64) Tetrachloroethene	10.721	164	230952	97.532	ug/l	98
65) Chlorobenzene	11.520	112	696761	98.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	271733	98.981	ug/l	99
67) Ethyl Benzene	11.593	91	1304975	103.941	ug/l	98
68) m/p-Xylenes	11.709	106	974168	207.162	ug/l	99
69) o-Xylene	12.032	106	463866	103.697	ug/l	99
70) Styrene	12.044	104	798881	105.150	ug/l	99
71) Bromoform	12.209	173	182680	100.724	ug/l #	98
73) Isopropylbenzene	12.331	105	1260487	105.325	ug/l	99
74) N-amyl acetate	12.148	43	425067	104.663	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	275929	97.328	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	360079	168.715	ug/l #	100
77) Bromobenzene	12.611	156	292553	101.337	ug/l	99
78) n-propylbenzene	12.672	91	1550367	105.166	ug/l	99
79) 2-Chlorotoluene	12.758	91	862359	103.647	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1026840	105.225	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	99261	103.293	ug/l	99
82) 4-Chlorotoluene	12.855	91	887338	102.383	ug/l	99
83) tert-Butylbenzene	13.075	119	918632	108.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	1009941	105.594	ug/l	100
85) sec-Butylbenzene	13.257	105	1352742	105.502	ug/l	100
86) p-Isopropyltoluene	13.373	119	1093817	105.644	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	565550	100.628	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	561554	99.368	ug/l	100
89) n-Butylbenzene	13.696	91	1089000	107.282	ug/l	99
90) Hexachloroethane	13.965	117	220316	100.696	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	510408	101.986	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	44597	97.084	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	322761	108.677	ug/l	100
94) Hexachlorobutadiene	15.117	225	188983	102.434	ug/l	99
95) Naphthalene	15.239	128	668771	113.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	286276	107.136	ug/l	100

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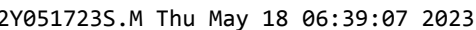
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

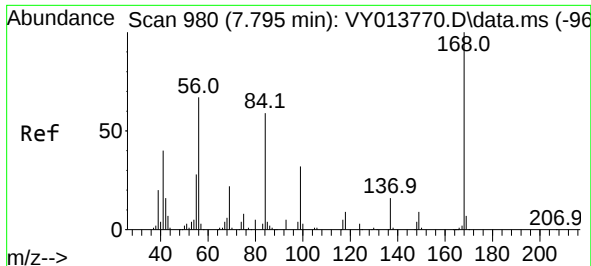
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Quant Title : SW846 8260
QLast Update : Thu May 18 06:33:28 2023
Response via : Initial Calibration

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

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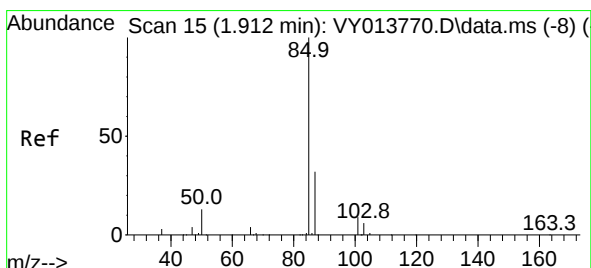
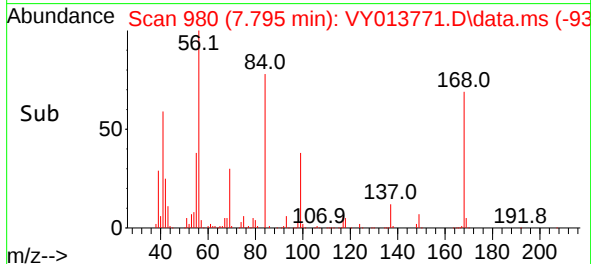
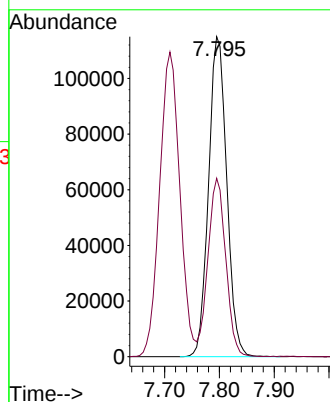
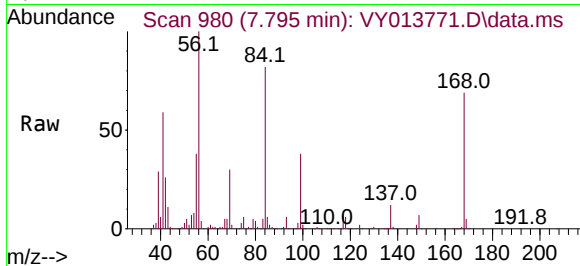




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013771.D
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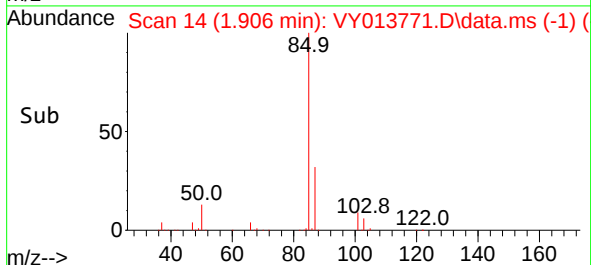
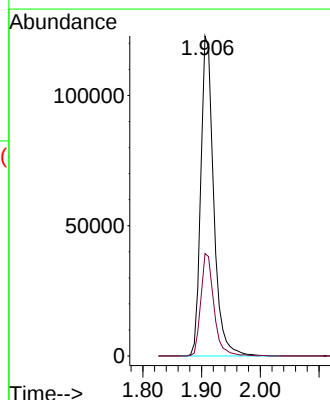
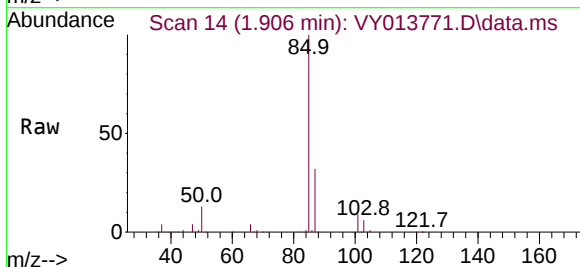
Instrument :
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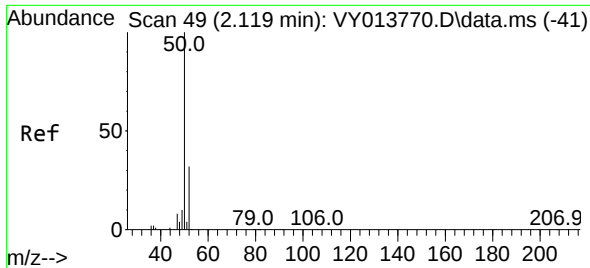
Tgt Ion:168 Resp: 264485
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 98.513 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 85 Resp: 187073
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

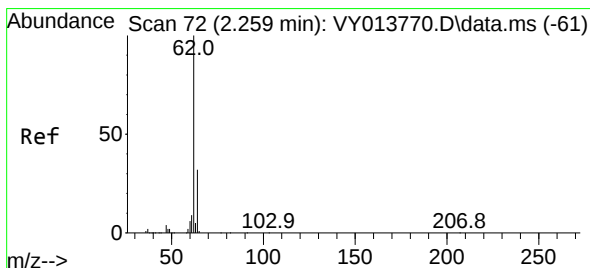
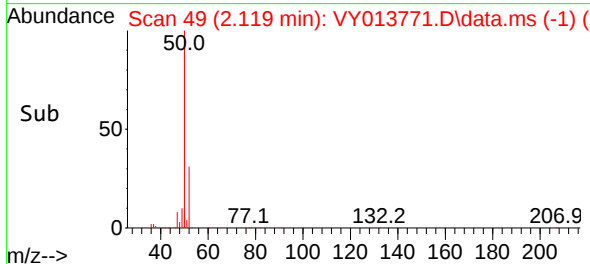
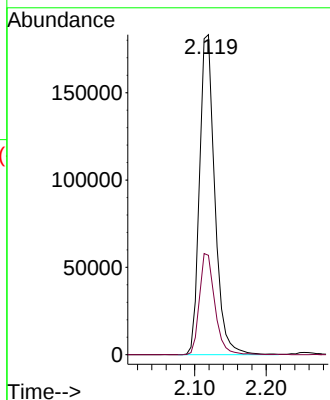
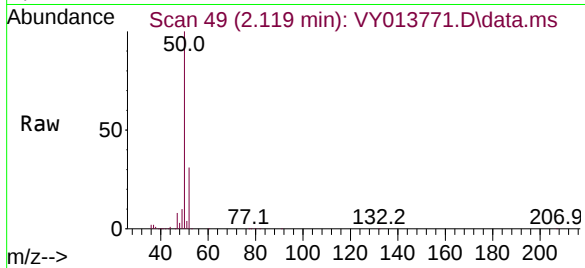




#3
Chloromethane
Concen: 94.438 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

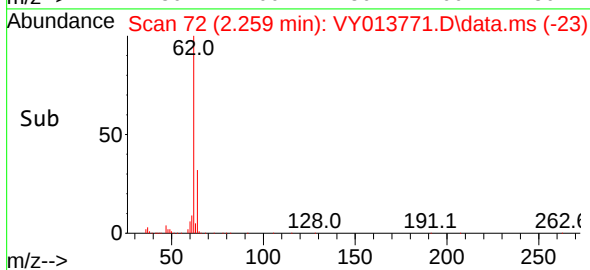
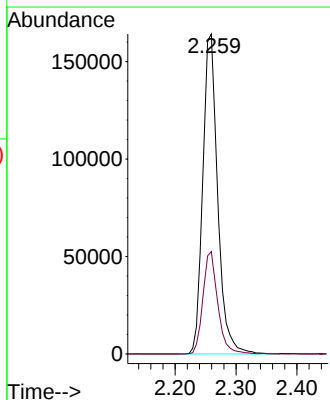
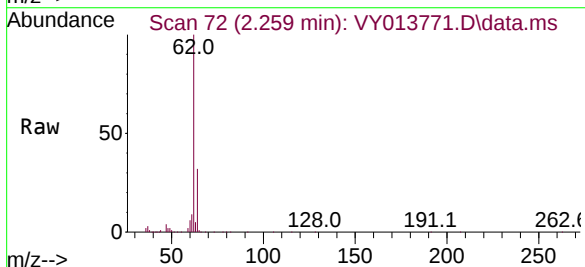
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ClientSampleId :
VSTDICC100

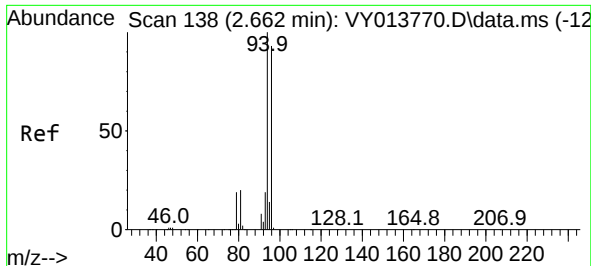
Tgt Ion: 50 Resp: 271883
Ion Ratio Lower Upper
50 100
52 31.0 26.0 39.0



#4
Vinyl Chloride
Concen: 97.201 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 62 Resp: 279426
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6

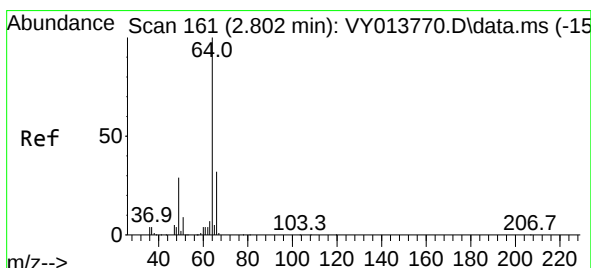
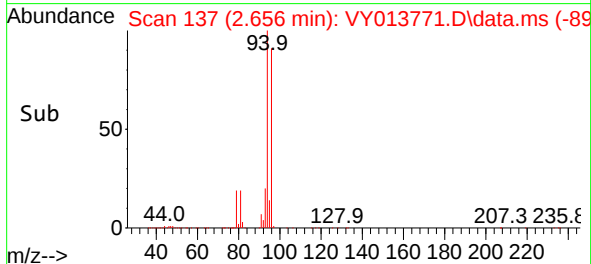
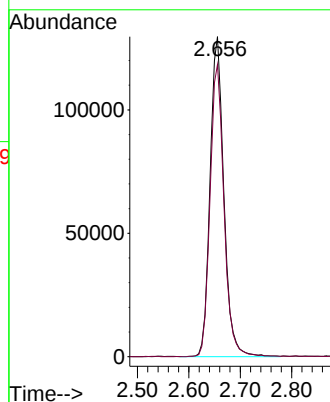
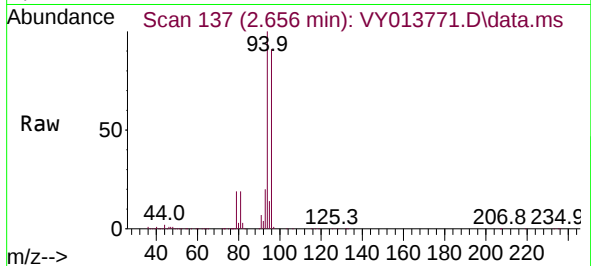




#5
Bromomethane
Concen: 94.775 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

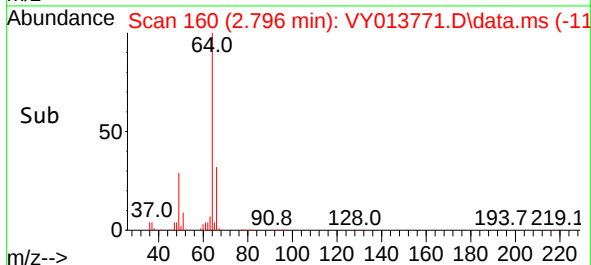
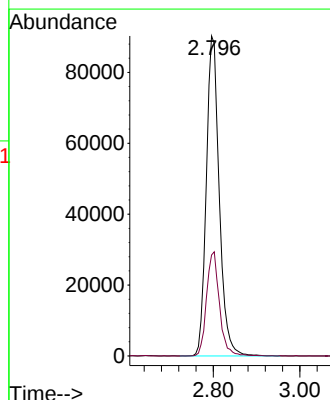
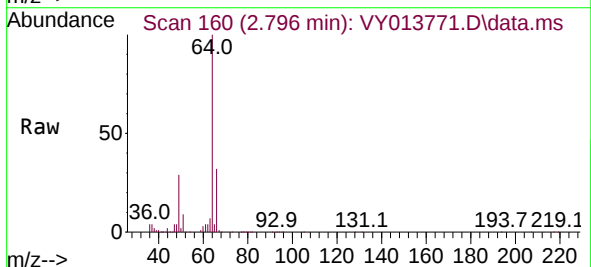
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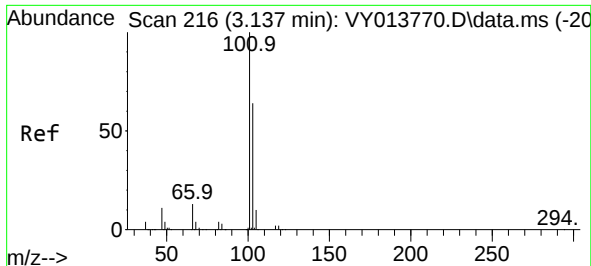
Tgt Ion: 94 Resp: 241600
Ion Ratio Lower Upper
94 100
96 91.2 74.2 111.4



#6
Chloroethane
Concen: 94.932 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 64 Resp: 187583
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.6

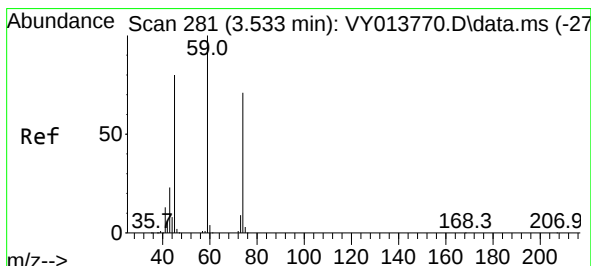
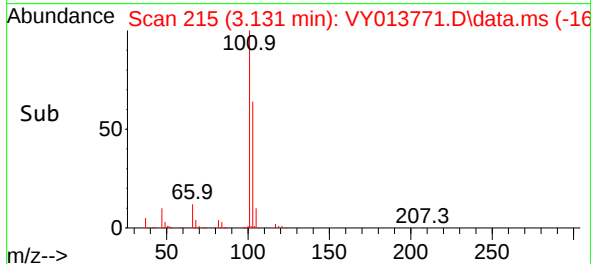
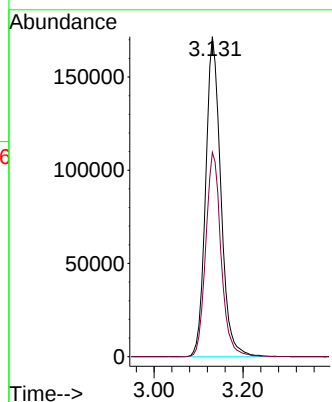
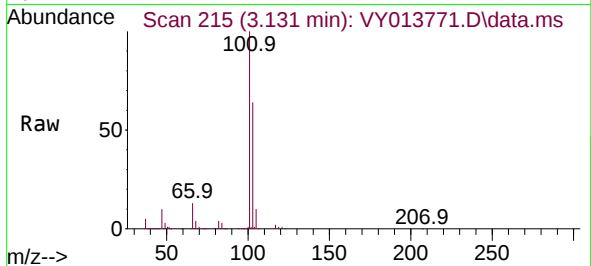




#7
Trichlorofluoromethane
Concen: 97.659 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

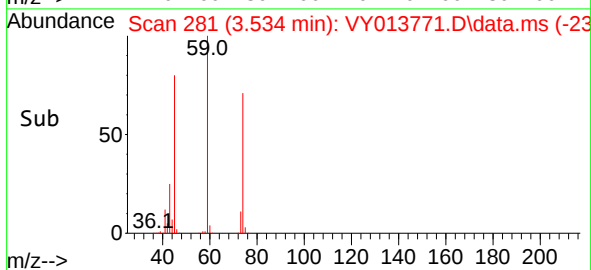
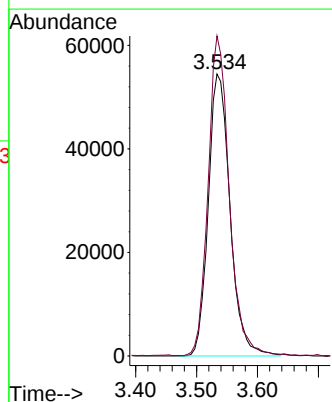
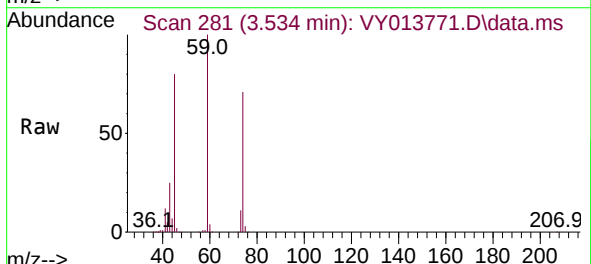
Instrument :
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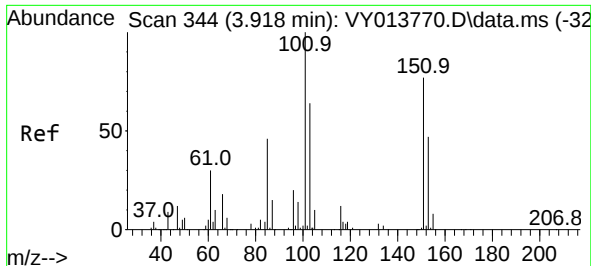
Tgt Ion:101 Resp: 408601
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 96.628 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 135279
Ion Ratio Lower Upper
74 100
45 110.0 56.1 168.3

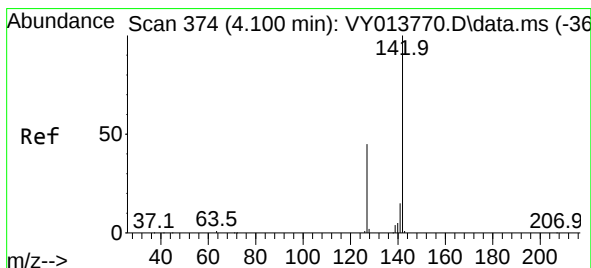
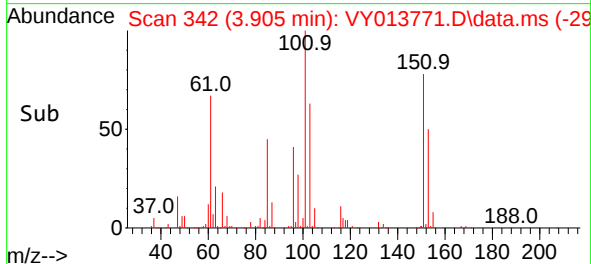
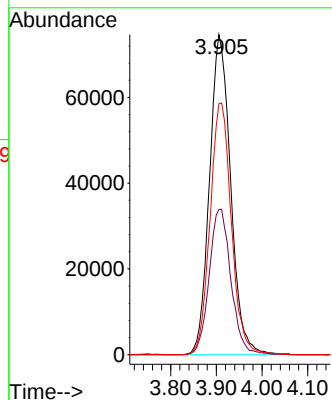
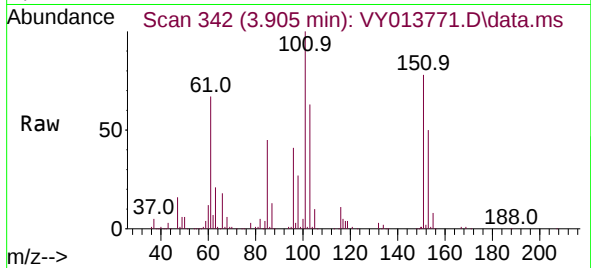




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.987 ug/l
RT: 3.905 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

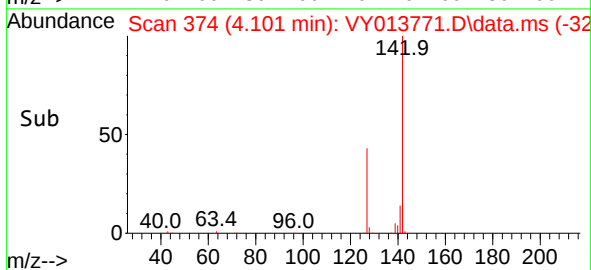
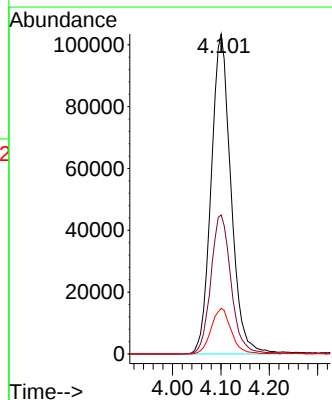
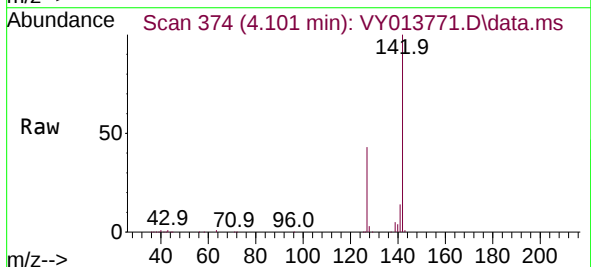
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MSVOA_Y
ClientSampleId :
VSTDIC100

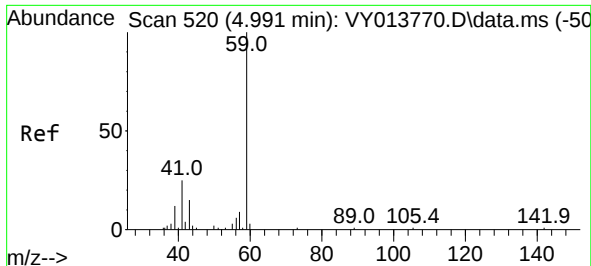
Tgt Ion:101 Resp: 239938
Ion Ratio Lower Upper
101 100
85 46.7 37.8 56.8
151 79.2 64.2 96.2



#10
Methyl Iodide
Concen: 109.199 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion:142 Resp: 293773
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.2
141 14.5 11.5 17.3

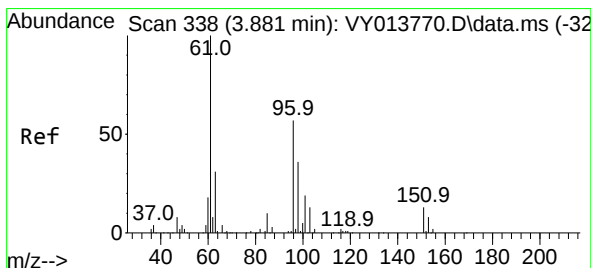
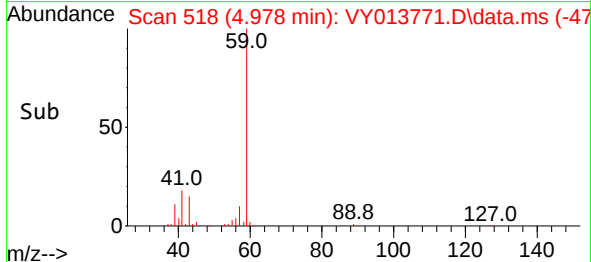
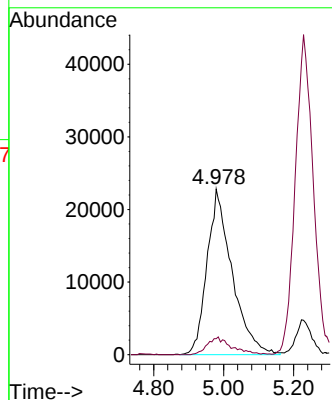
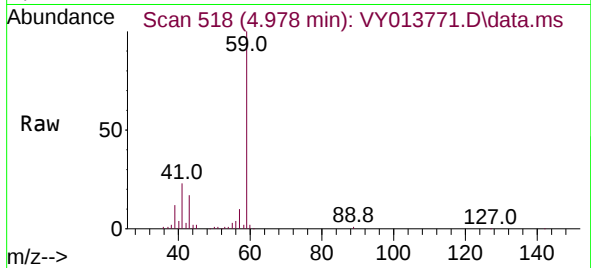




#11
Tert butyl alcohol
Concen: 455.493 ug/l
RT: 4.978 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

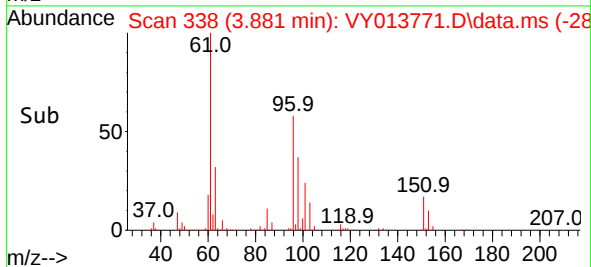
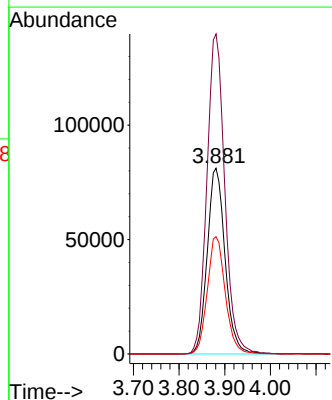
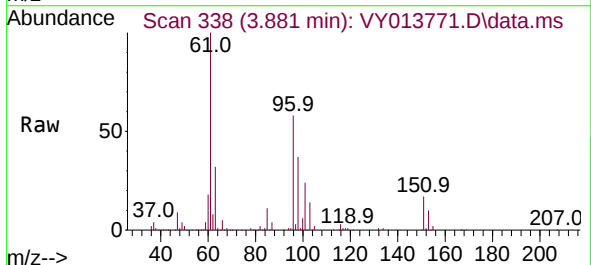
Instrument :
MSVOA_Y
ClientSampleId :
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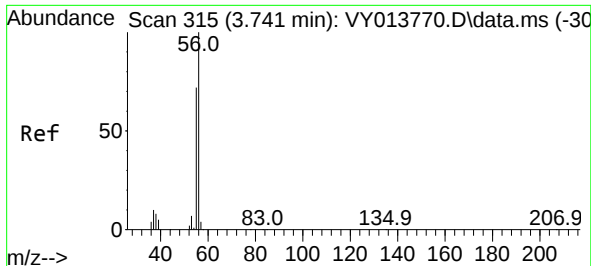
Tgt Ion: 59 Resp: 113373
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 99.034 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 96 Resp: 219807
Ion Ratio Lower Upper
96 100
61 172.3 139.8 209.6
98 63.1 49.7 74.5

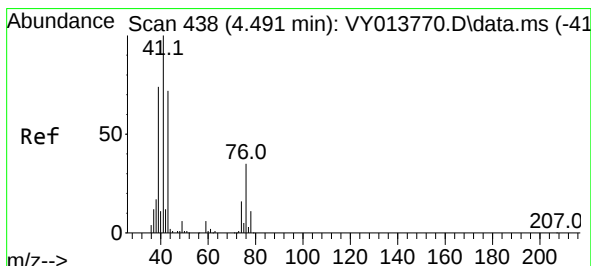
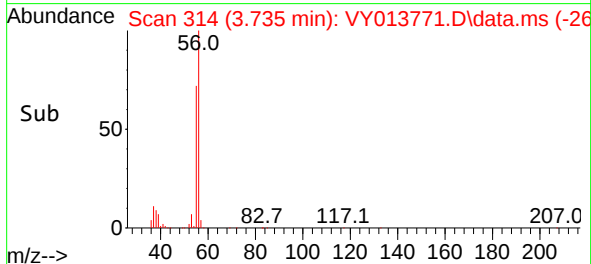
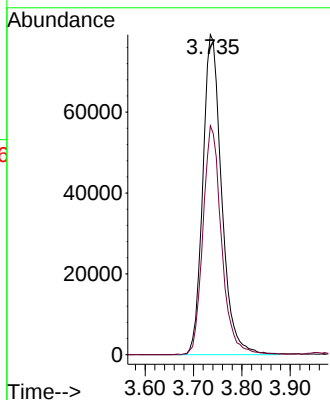
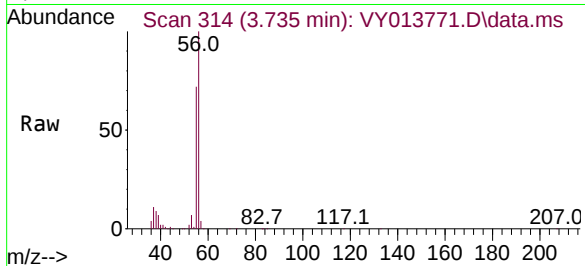




#13
Acrolein
Concen: 481.829 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

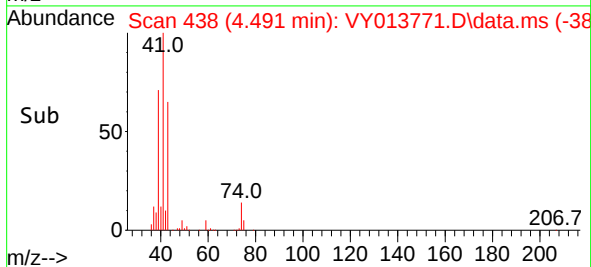
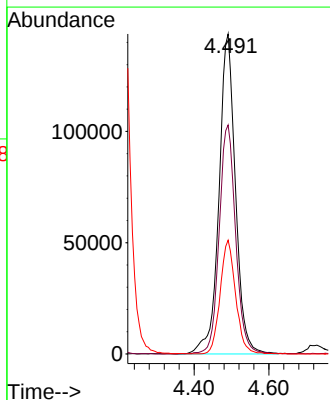
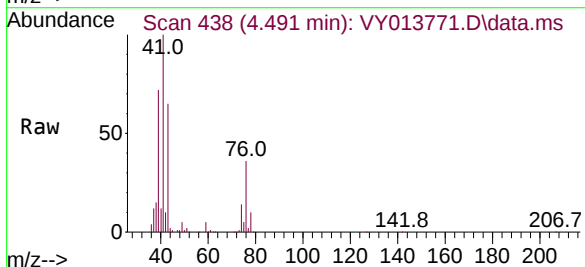
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

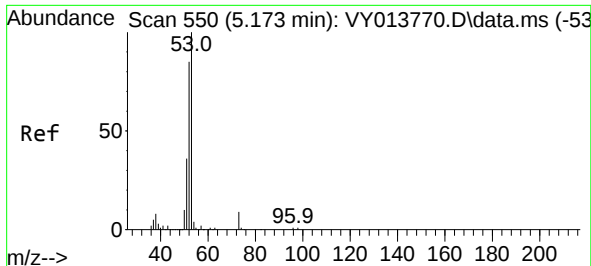
Tgt Ion: 56 Resp: 214243
Ion Ratio Lower Upper
56 100
55 70.6 57.5 86.3



#14
Allyl chloride
Concen: 100.969 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 41 Resp: 441455
Ion Ratio Lower Upper
41 100
39 71.4 55.8 83.6
76 33.2 26.2 39.2

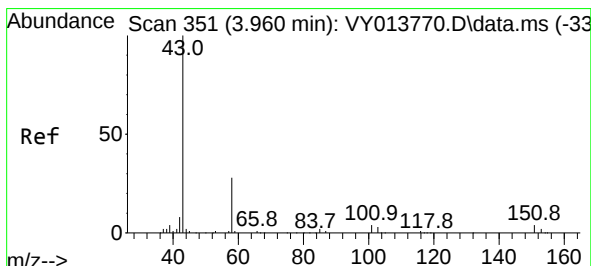
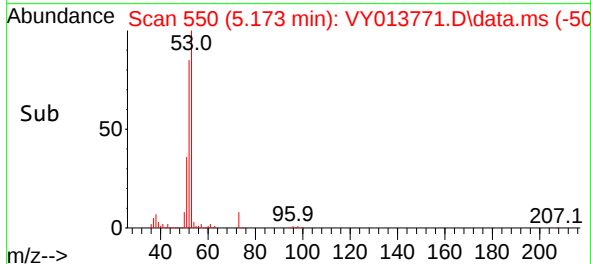
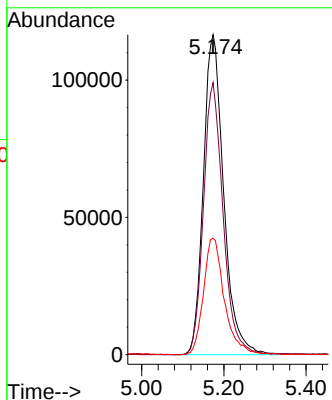
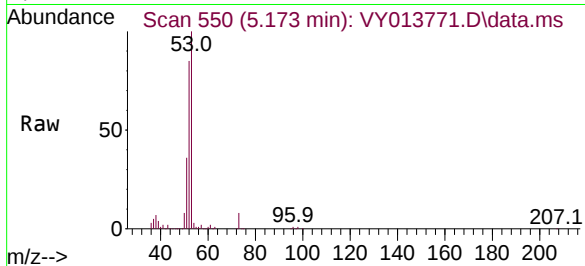




#15
Acrylonitrile
Concen: 486.381 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

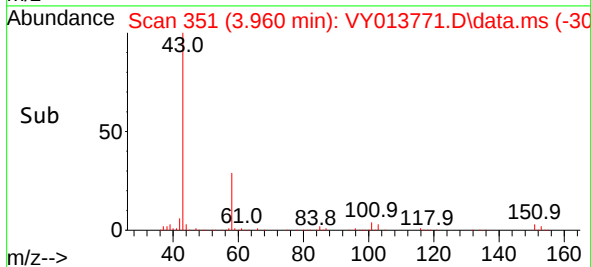
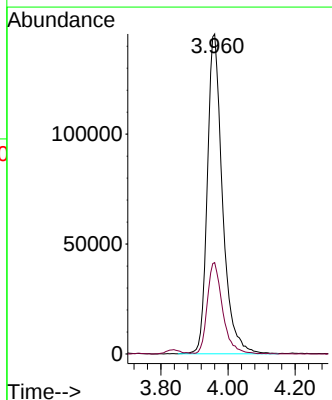
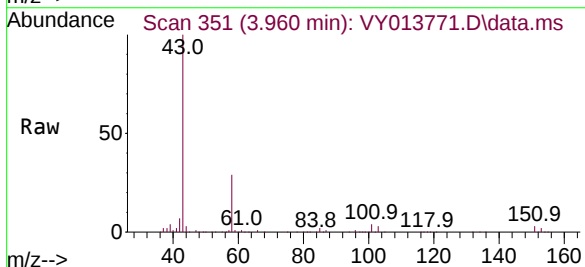
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

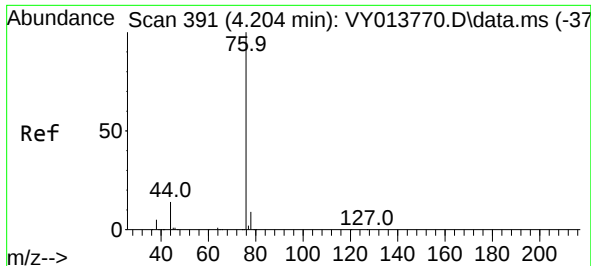
Tgt Ion: 53 Resp: 399327
Ion Ratio Lower Upper
53 100
52 82.3 66.5 99.7
51 37.6 30.1 45.1



#16
Acetone
Concen: 493.036 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 43 Resp: 457028
Ion Ratio Lower Upper
43 100
58 28.5 23.7 35.5

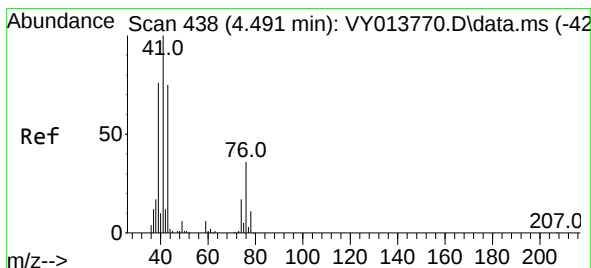
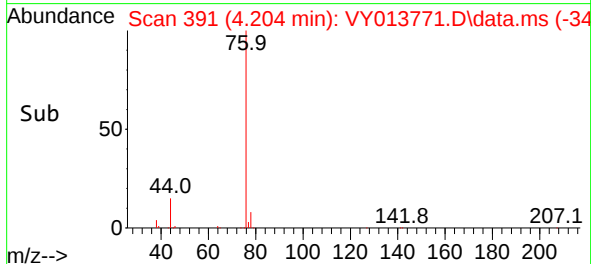
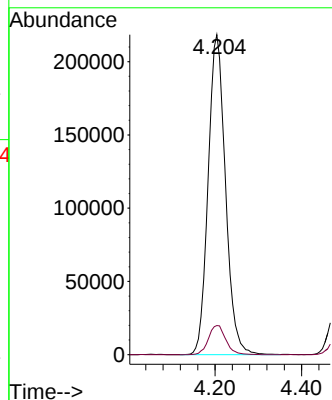
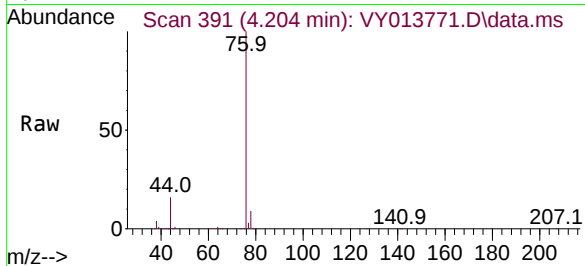




#17
Carbon Disulfide
Concen: 95.166 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

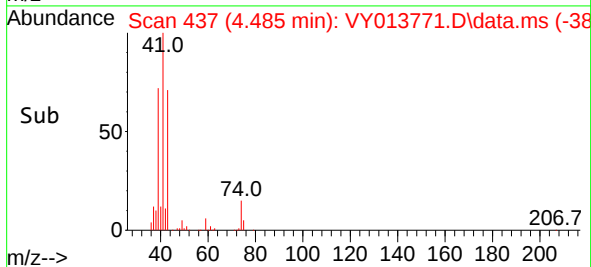
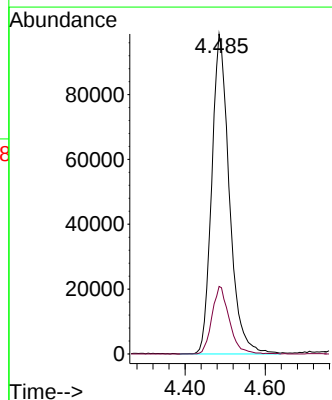
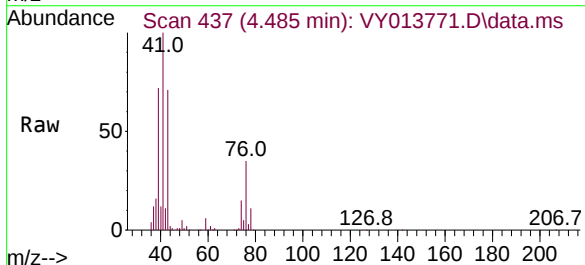
Instrument :
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ClientSampleId :
VSTDICC100

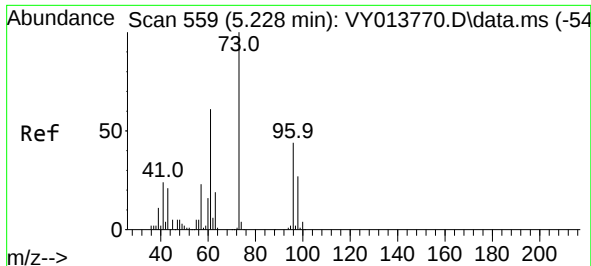
Tgt Ion: 76 Resp: 606952
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 93.033 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 43 Resp: 300655
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0

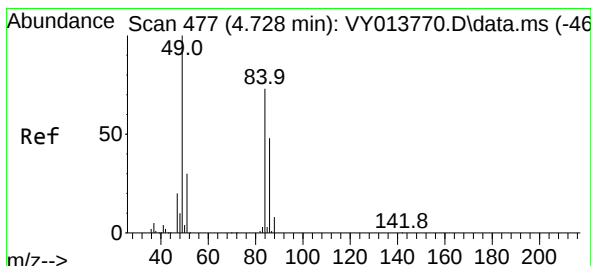
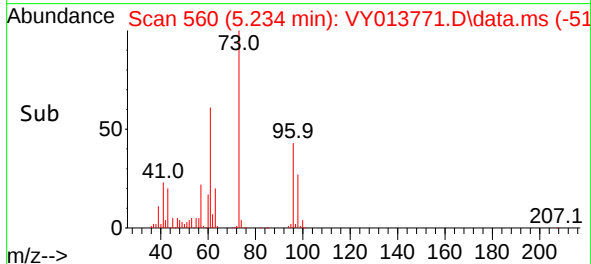
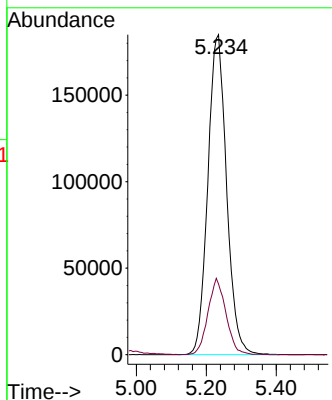
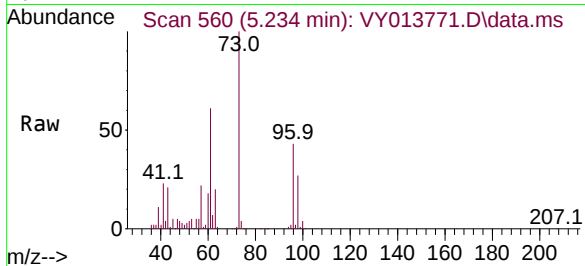




#19
Methyl tert-butyl Ether
Concen: 102.051 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

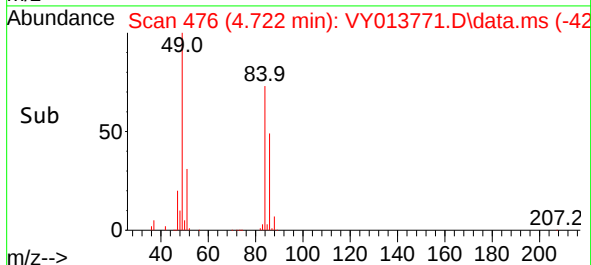
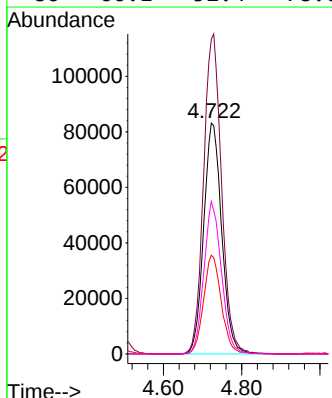
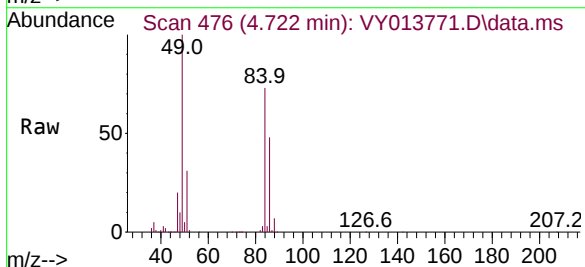
Instrument :
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ClientSampleId :
VSTDIC100

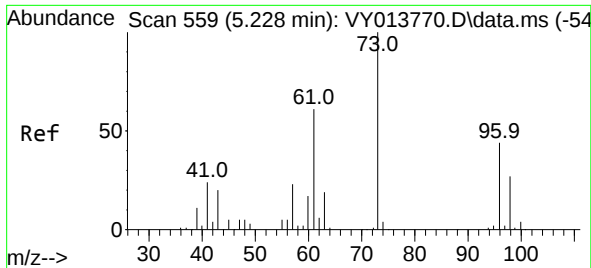
Tgt Ion: 73 Resp: 687194
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8



#20
Methylene Chloride
Concen: 101.222 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 84 Resp: 265304
Ion Ratio Lower Upper
84 100
49 136.4 109.4 164.0
51 42.8 32.8 49.2
86 66.1 52.4 78.6

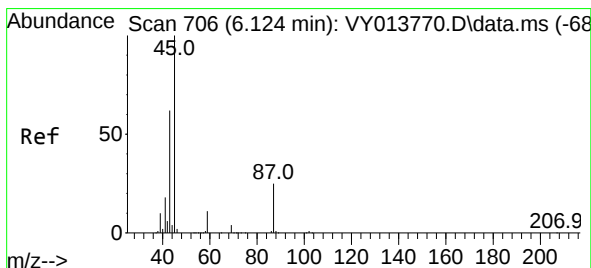
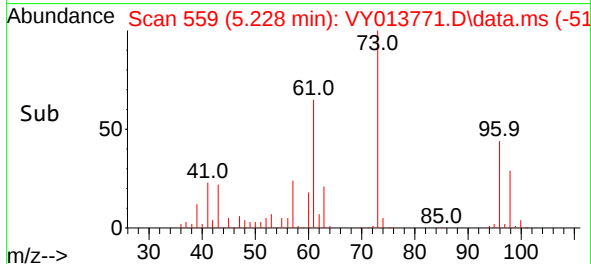
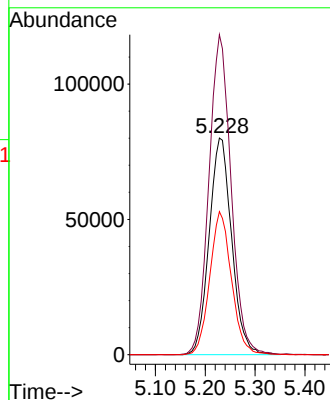
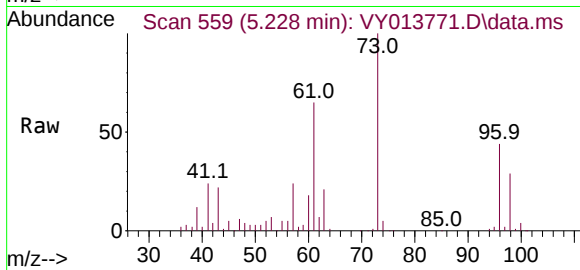




#21
trans-1,2-Dichloroethene
Concen: 100.419 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

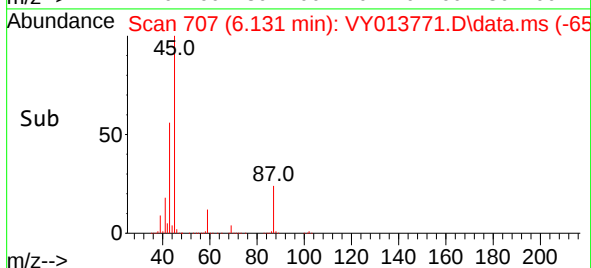
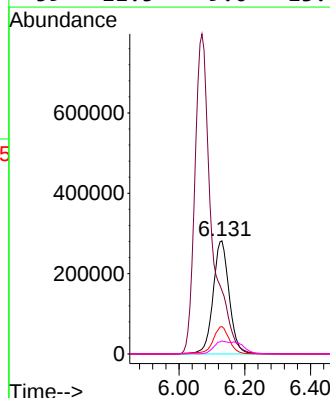
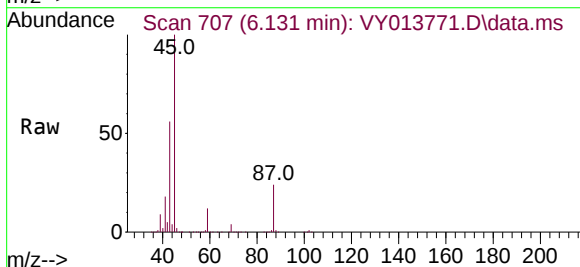
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

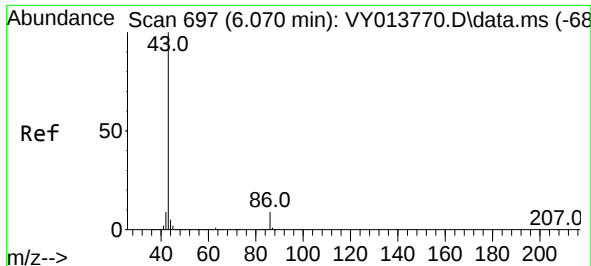
Tgt Ion: 96 Resp: 250967
Ion Ratio Lower Upper
96 100
61 147.6 110.8 166.2
98 66.0 48.6 72.8



#22
Diisopropyl ether
Concen: 102.615 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 45 Resp: 954330
Ion Ratio Lower Upper
45 100
43 55.9 49.7 74.5
87 24.2 19.9 29.9
59 11.5 9.0 13.4

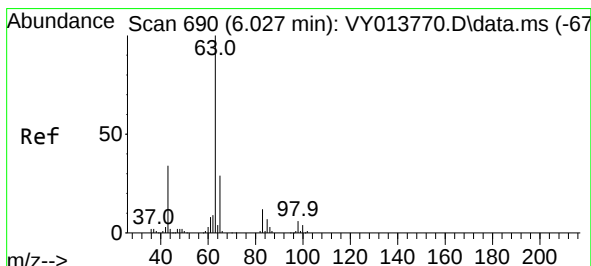
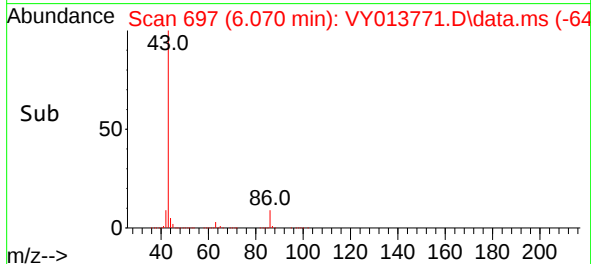
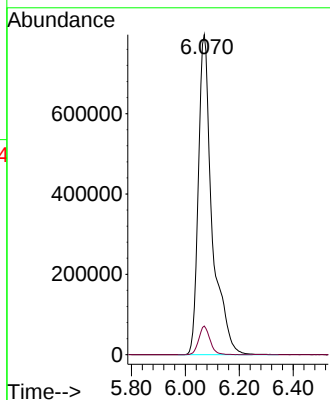
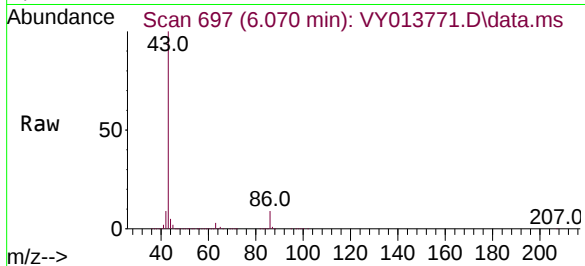




#23
 Vinyl Acetate
 Concen: 523.205 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY013771.D
 Acq: 17 May 2023 11:45

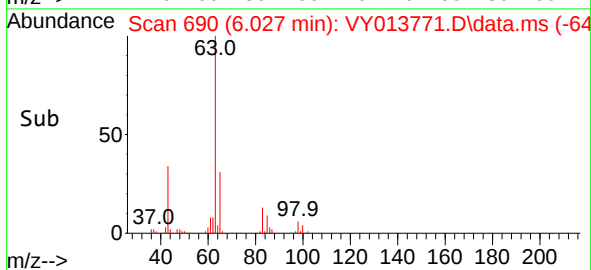
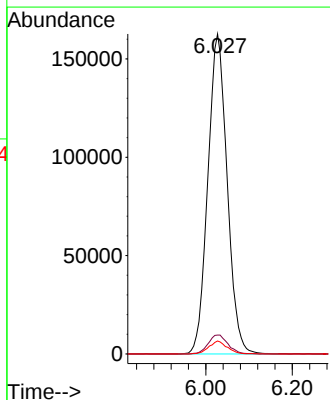
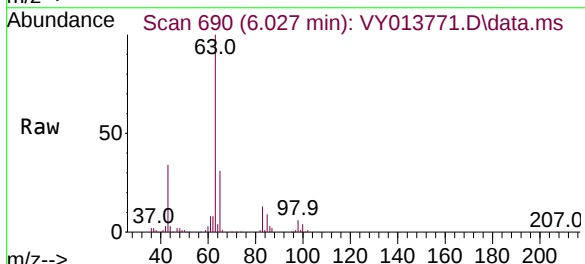
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

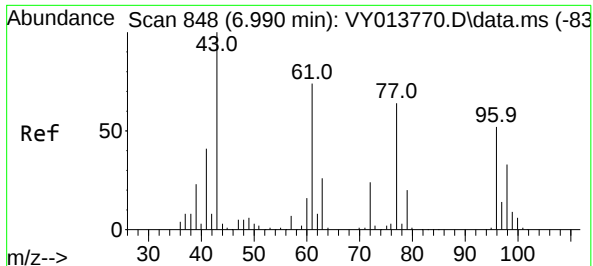
Tgt Ion: 43 Resp: 2815731
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 99.063 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013771.D
 Acq: 17 May 2023 11:45

Tgt Ion: 63 Resp: 503638
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.0
 100 4.1 2.0 6.0

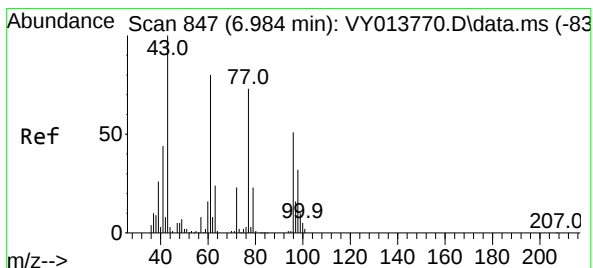
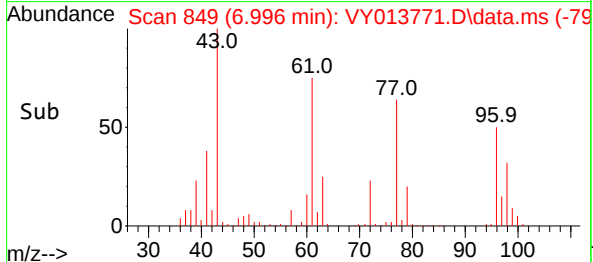
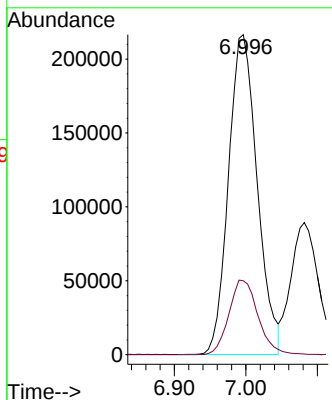
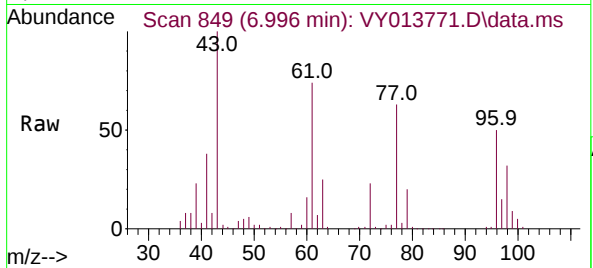




#25
2-Butanone
Concen: 501.187 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

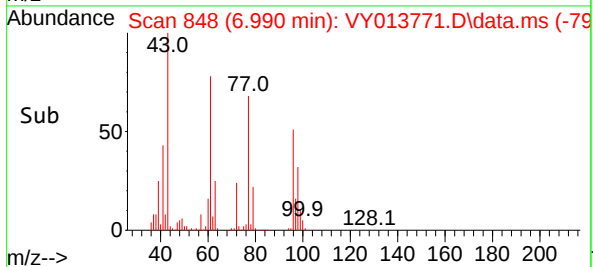
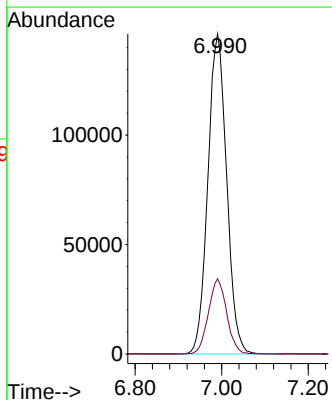
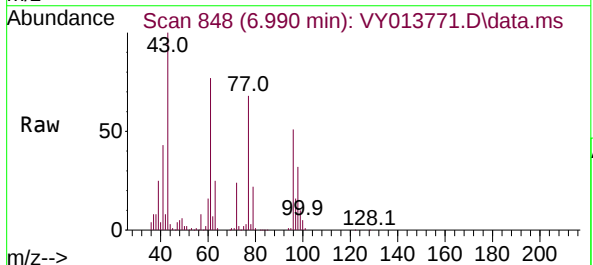
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

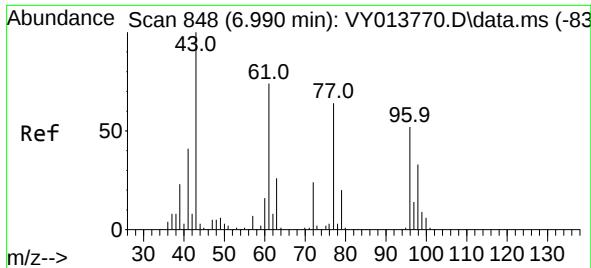
Tgt Ion: 43 Resp: 603935
Ion Ratio Lower Upper
43 100
72 23.1 19.0 28.6



#26
2,2-Dichloropropane
Concen: 101.264 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 77 Resp: 439761
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8

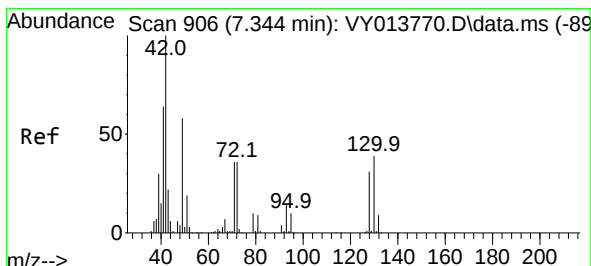
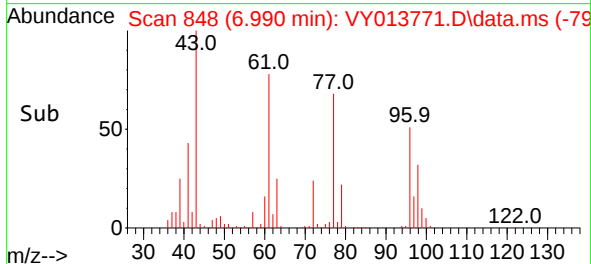
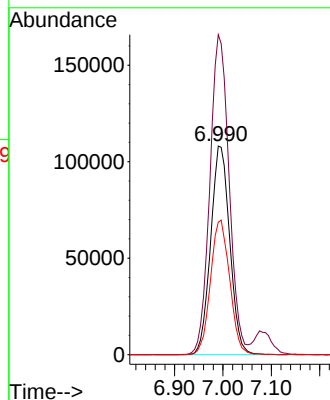
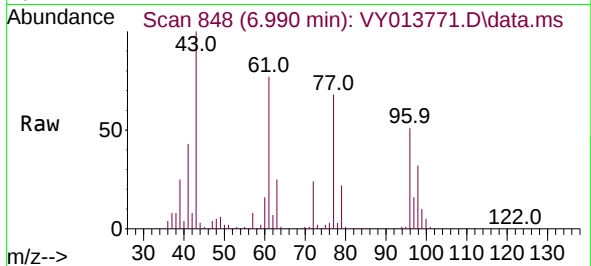




#27
 cis-1,2-Dichloroethene
 Concen: 100.684 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY013771.D
 Acq: 17 May 2023 11:45

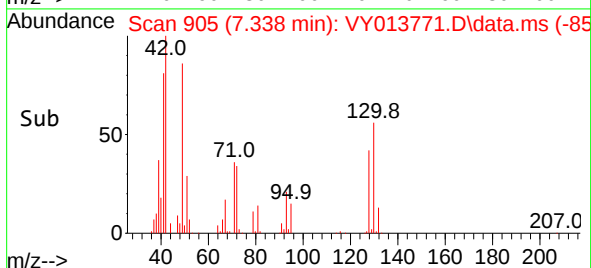
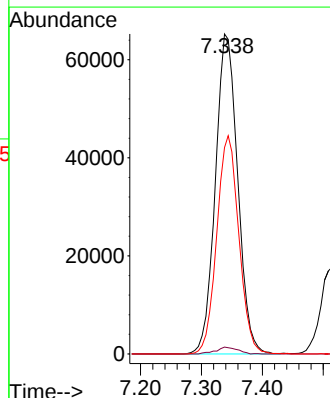
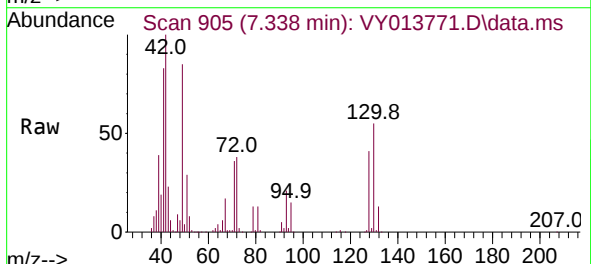
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

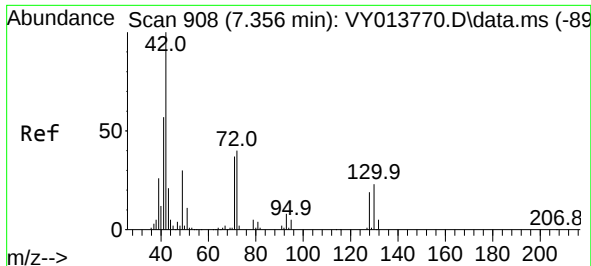
Tgt Ion: 96 Resp: 296500
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 300.6
 98 64.9 0.0 127.8



#28
 Bromochloromethane
 Concen: 93.381 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY013771.D
 Acq: 17 May 2023 11:45

Tgt Ion: 49 Resp: 166112
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 67.5 54.4 81.6





#29

Tetrahydrofuran

Concen: 492.895 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

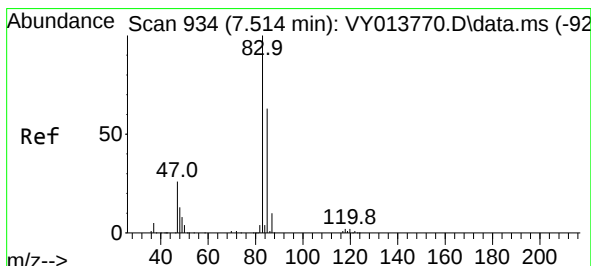
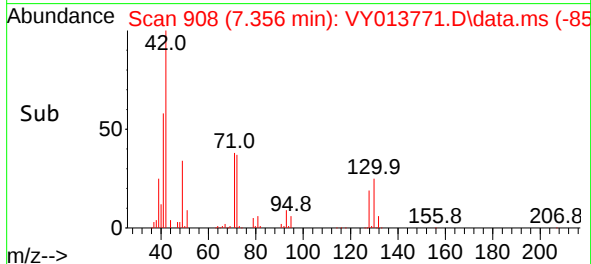
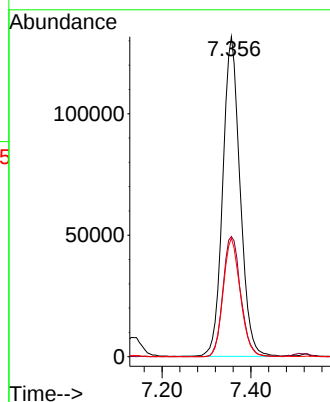
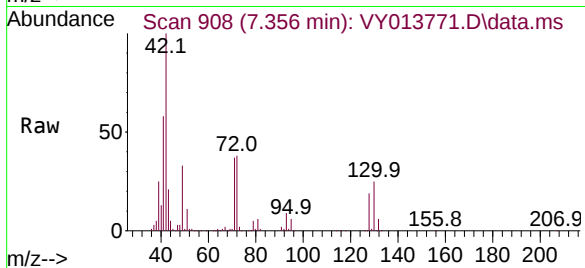
Tgt Ion: 42 Resp: 355383

Ion Ratio Lower Upper

42 100

72 38.5 30.7 46.1

71 36.7 29.0 43.6



#30

Chloroform

Concen: 98.289 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY013771.D

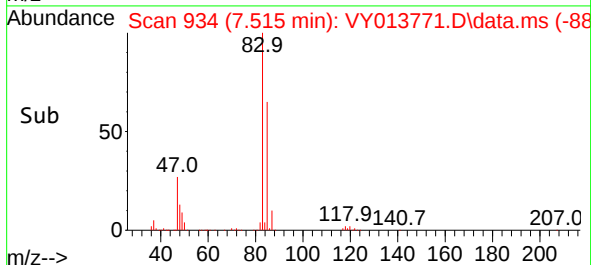
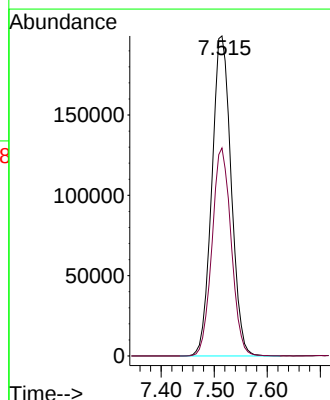
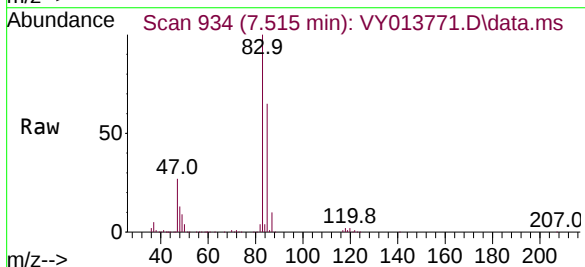
Acq: 17 May 2023 11:45

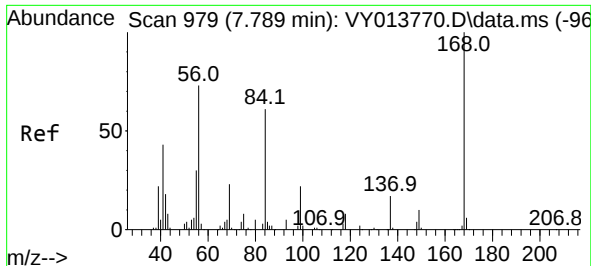
Tgt Ion: 83 Resp: 503551

Ion Ratio Lower Upper

83 100

85 65.0 50.5 75.7

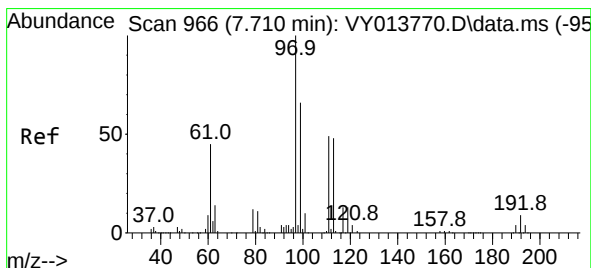
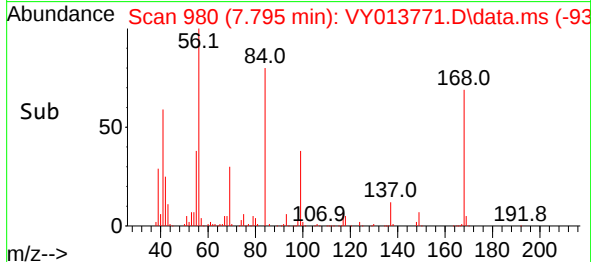
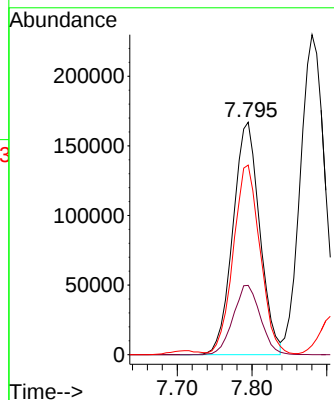
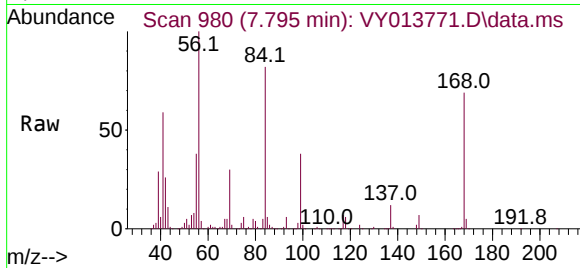




#31
Cyclohexane
Concen: 94.704 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

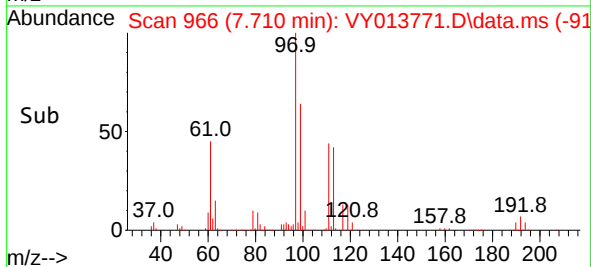
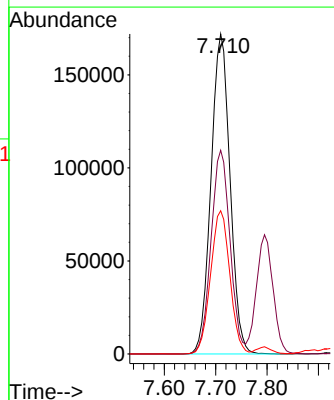
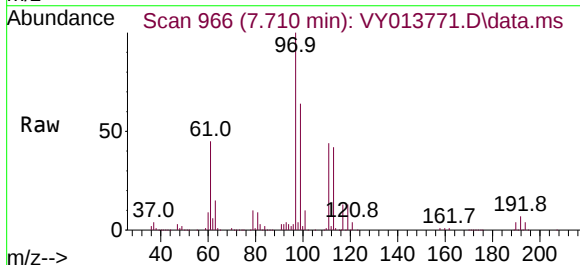
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

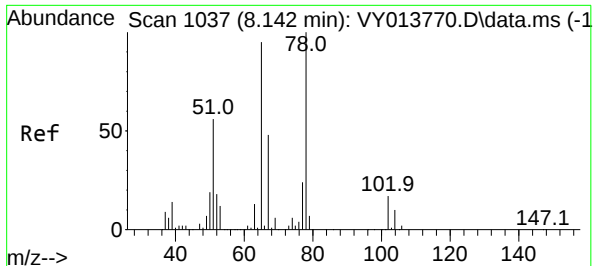
Tgt Ion: 56 Resp: 417186
Ion Ratio Lower Upper
56 100
69 29.8 25.8 38.6
84 79.9 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 100.947 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 97 Resp: 441460
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 45.5 36.6 54.8

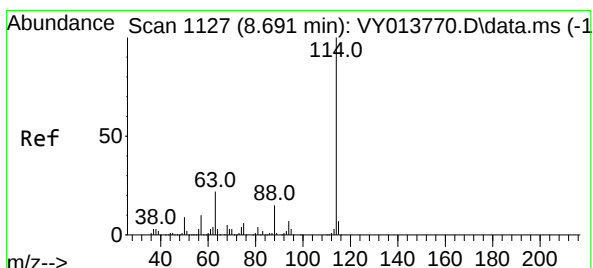
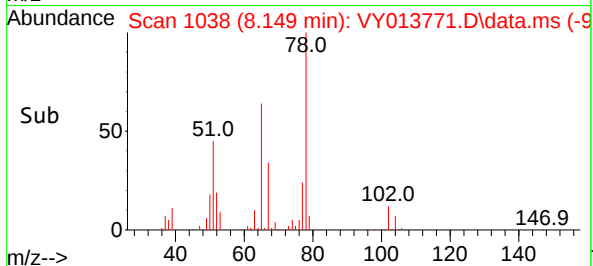
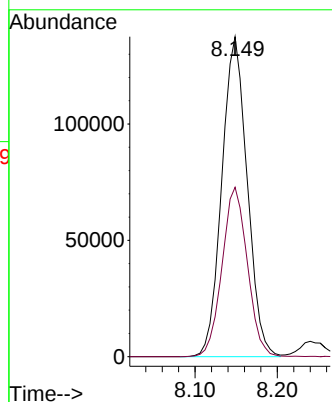
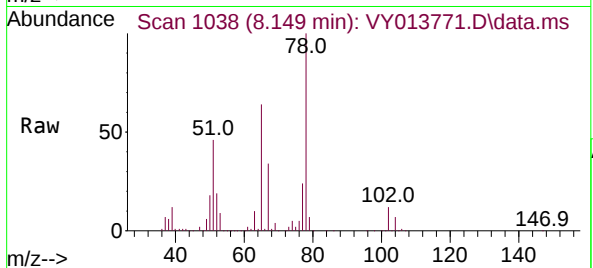




#33
1,2-Dichloroethane-d4
Concen: 96.004 ug/l
RT: 8.149 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

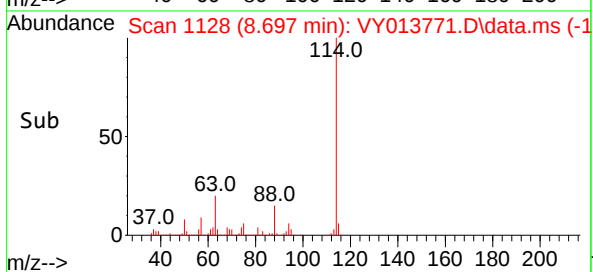
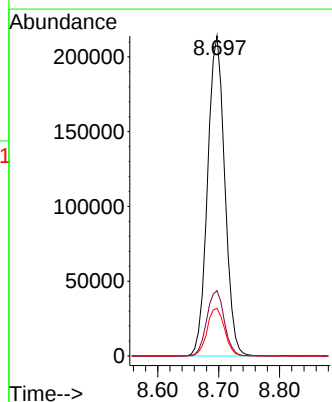
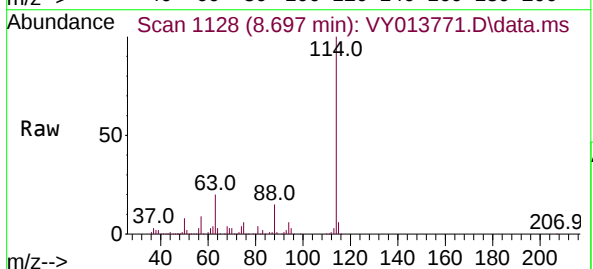
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

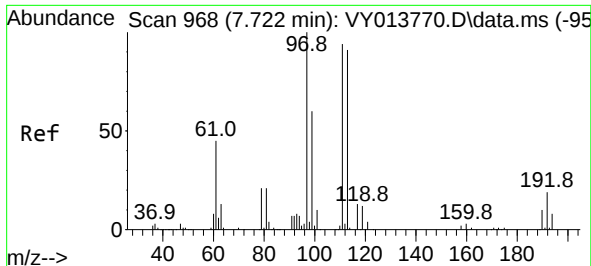
Tgt Ion: 65 Resp: 294965
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion:114 Resp: 418750
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.8
88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 99.666 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

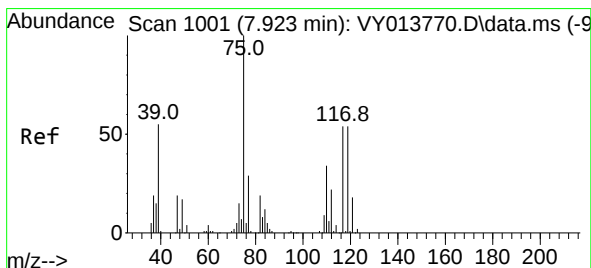
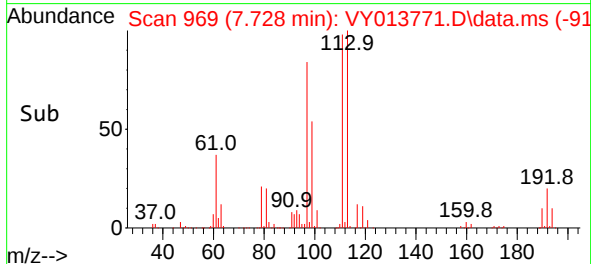
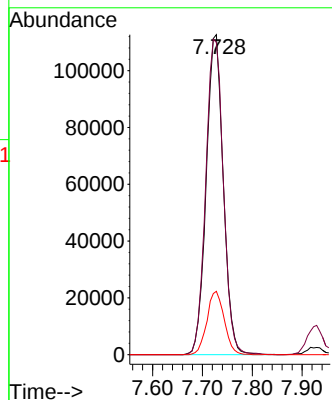
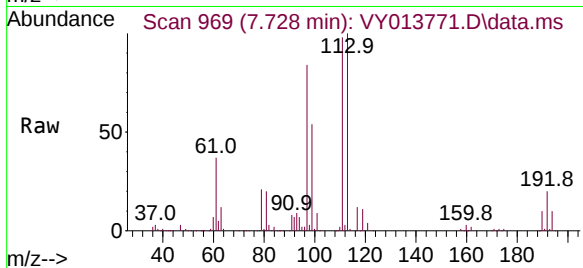
Tgt Ion:113 Resp: 267630

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

192 20.1 16.0 24.0



#36

1,1-Dichloropropene

Concen: 100.033 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

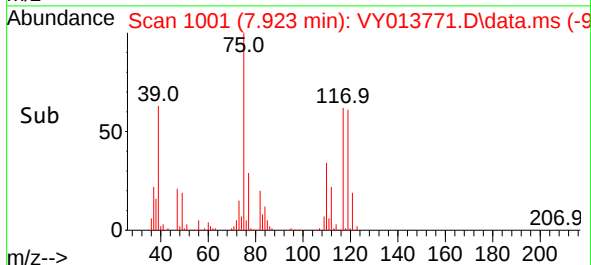
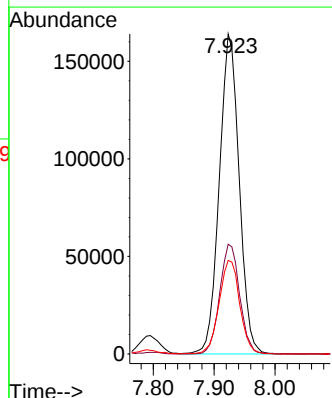
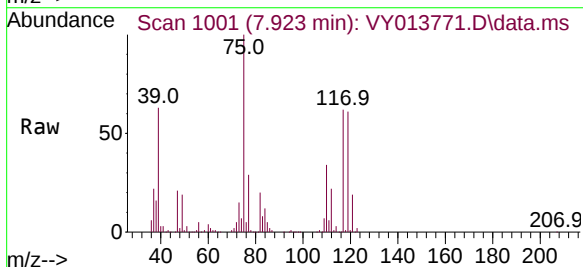
Tgt Ion: 75 Resp: 371144

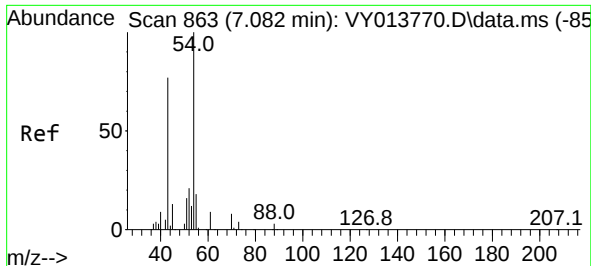
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 97.086 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

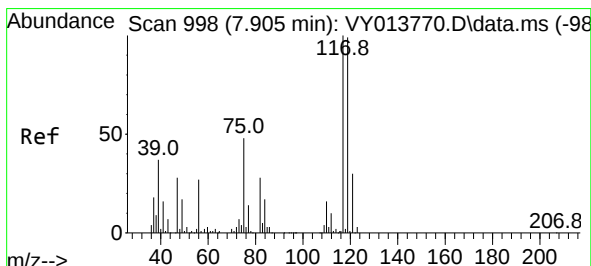
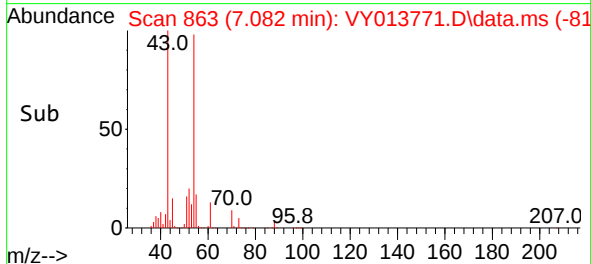
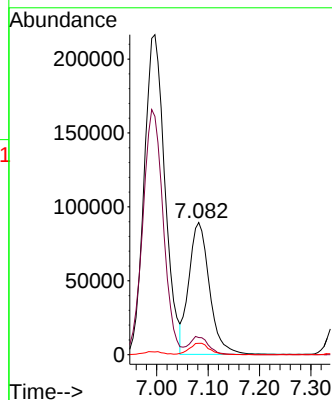
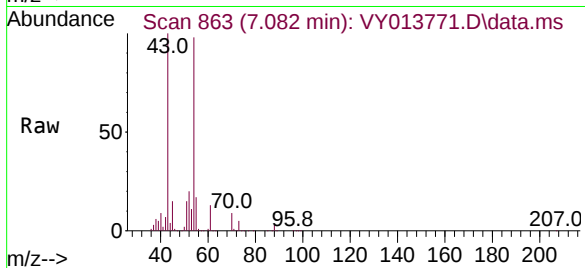
Tgt Ion: 43 Resp: 247775

Ion Ratio Lower Upper

43 100

61 12.9 10.7 16.1

70 8.4 7.0 10.6



#38

Carbon Tetrachloride

Concen: 100.450 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

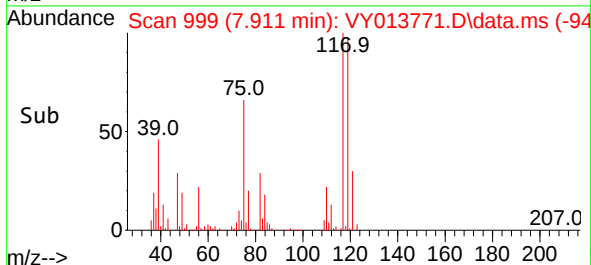
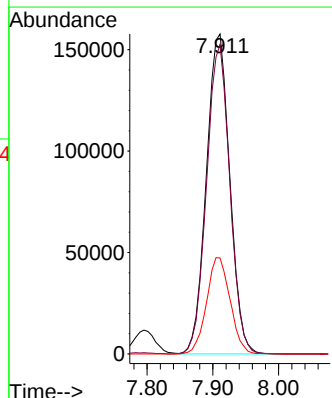
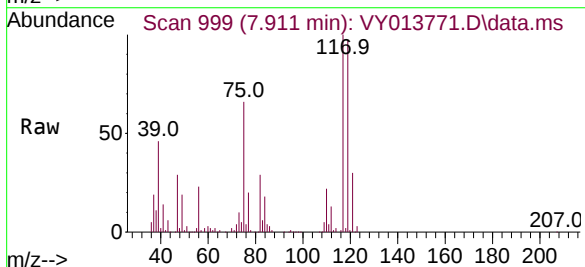
Tgt Ion: 117 Resp: 393167

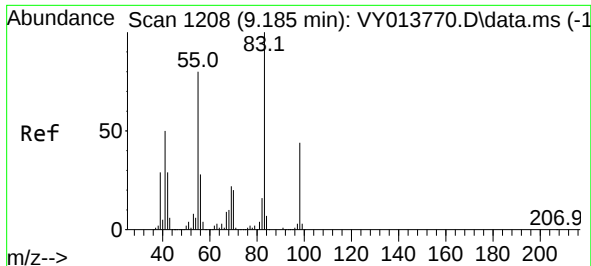
Ion Ratio Lower Upper

117 100

119 96.7 79.0 118.6

121 30.0 24.1 36.1





#39

Methylcyclohexane

Concen: 103.356 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

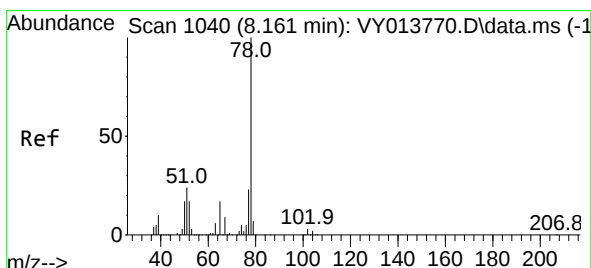
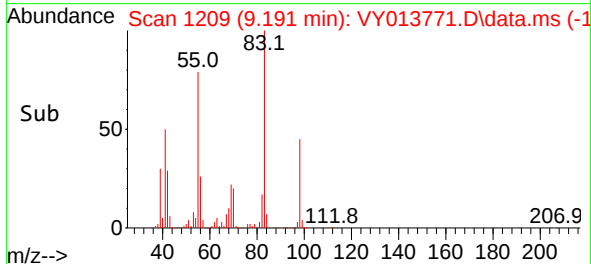
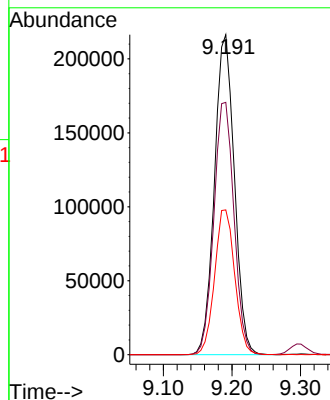
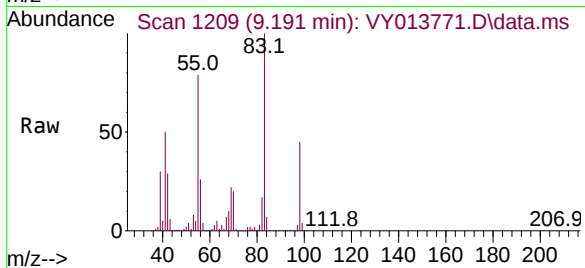
Tgt Ion: 83 Resp: 435854

Ion Ratio Lower Upper

83 100

55 78.9 63.7 95.5

98 45.3 35.0 52.6



#40

Benzene

Concen: 98.601 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY013771.D

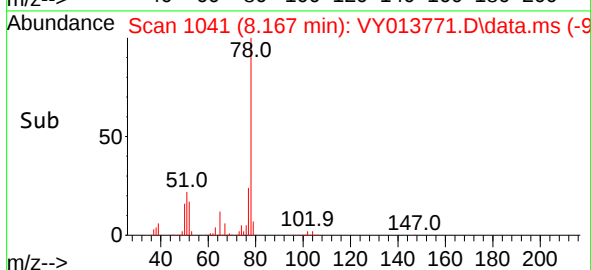
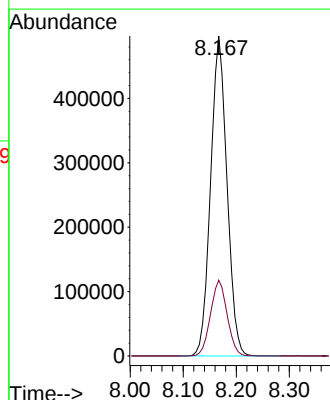
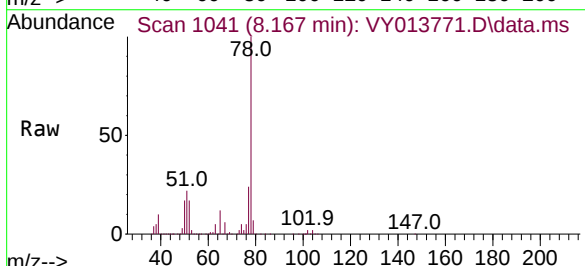
Acq: 17 May 2023 11:45

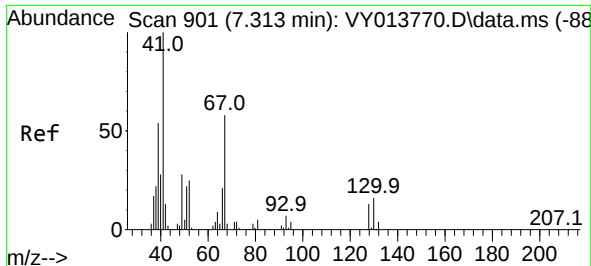
Tgt Ion: 78 Resp: 1063105

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8



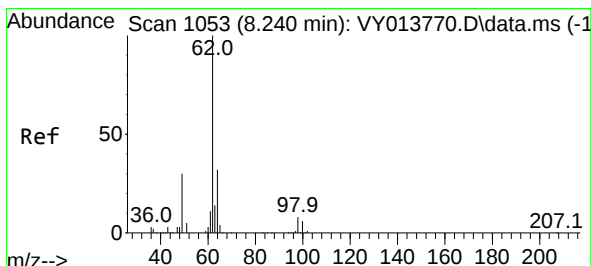
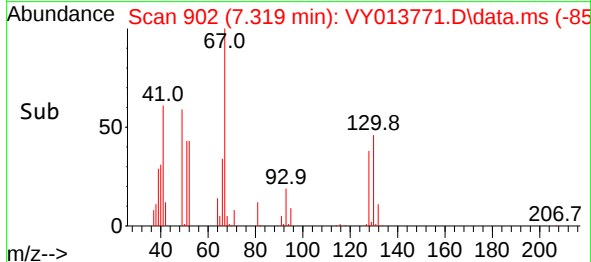
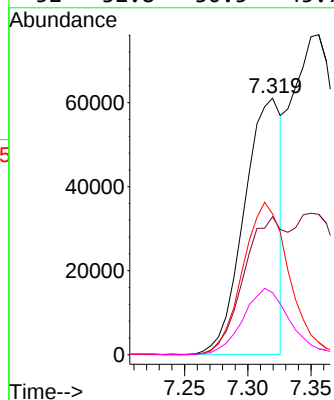
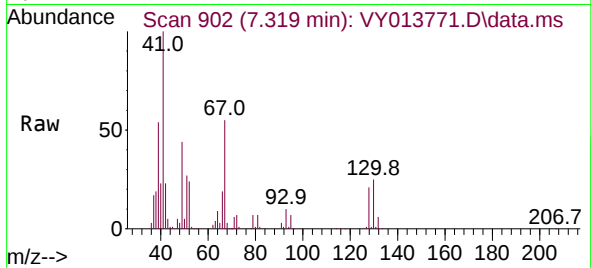


#41
Methacrylonitrile
Concen: 101.061 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 124425

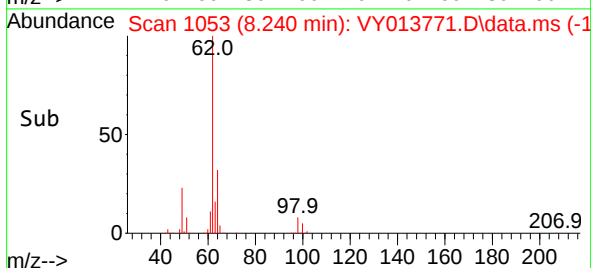
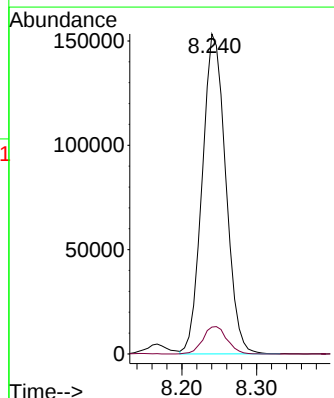
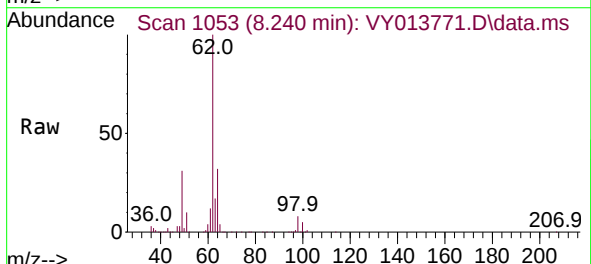
Ion	Ratio	Lower	Upper
41	100		
39	62.8	59.5	89.3
67	75.0	69.1	103.7
52	32.8	30.5	45.7

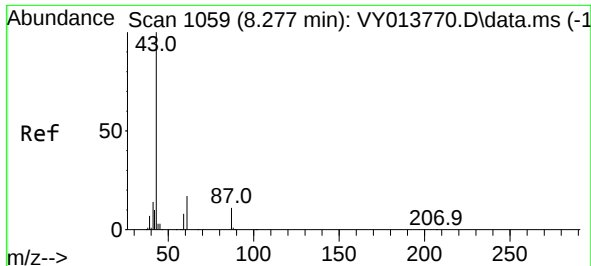


#42
1,2-Dichloroethane
Concen: 96.127 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 62 Resp: 334876

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.8

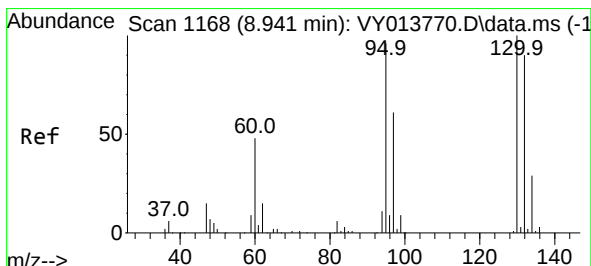
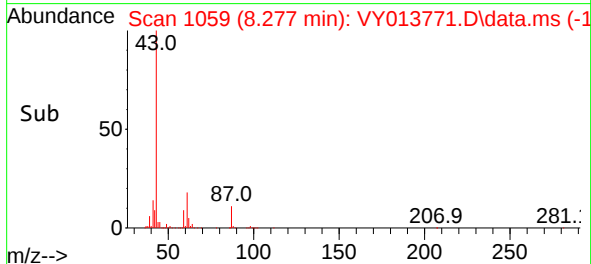
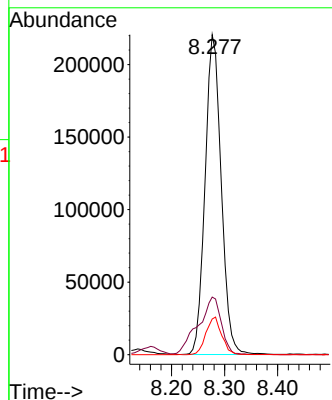
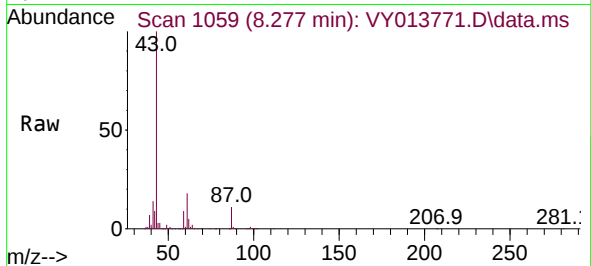




#43
Isopropyl Acetate
Concen: 100.499 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

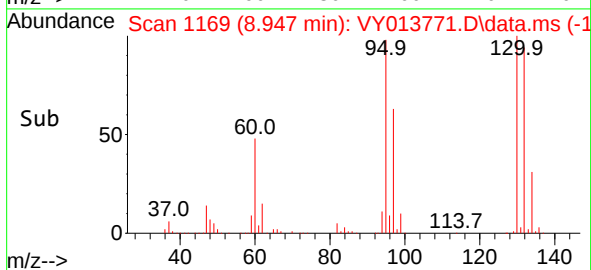
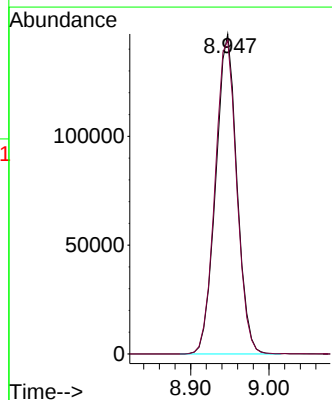
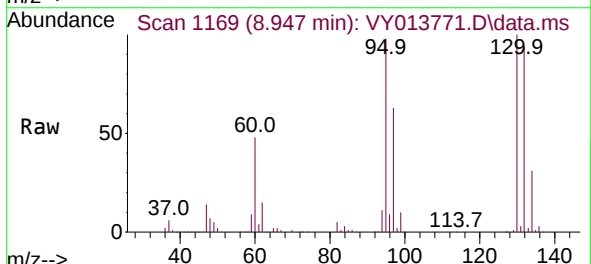
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

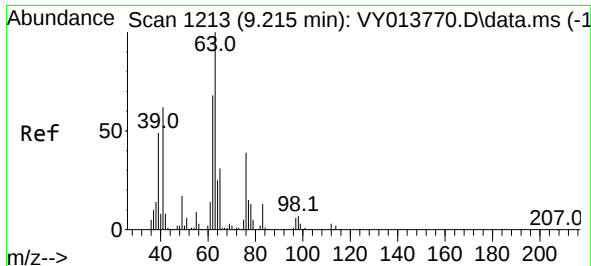
Tgt Ion: 43 Resp: 465535
Ion Ratio Lower Upper
43 100
61 25.7 20.6 31.0
87 11.5 9.0 13.6



#44
Trichloroethene
Concen: 98.319 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 130 Resp: 277114
Ion Ratio Lower Upper
130 100
95 98.0 0.0 193.0





#45

1,2-Dichloropropane

Concen: 99.528 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

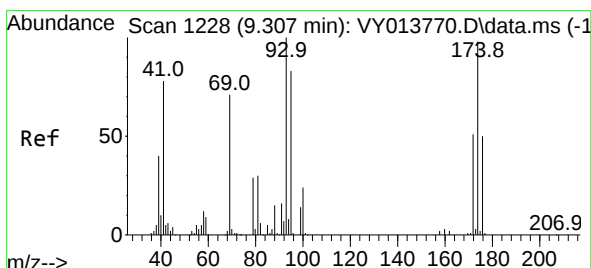
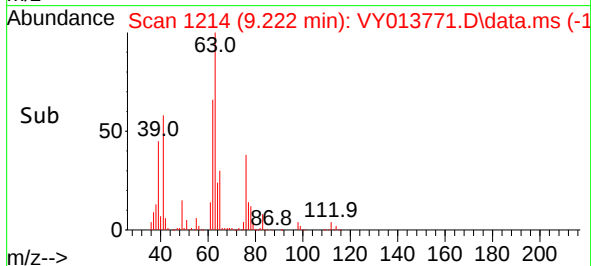
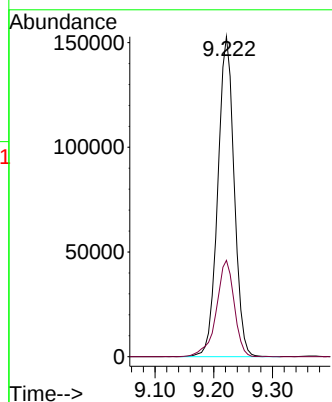
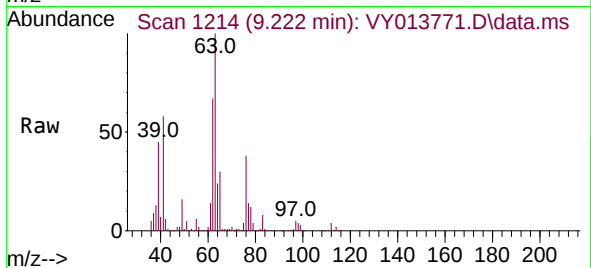
VSTDICC100

Tgt Ion: 63 Resp: 294876

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3



#46

Dibromomethane

Concen: 97.608 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

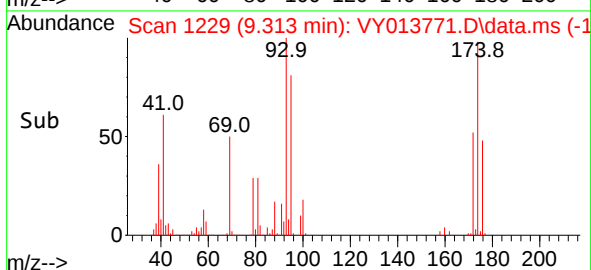
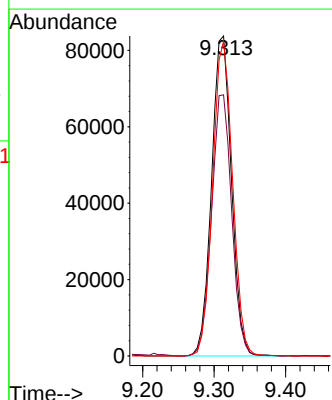
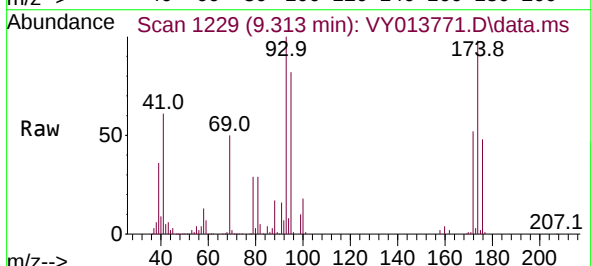
Tgt Ion: 93 Resp: 161964

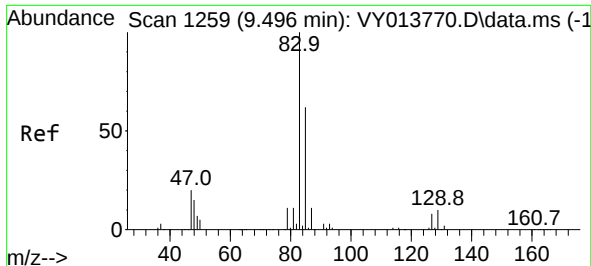
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 98.3 79.5 119.3

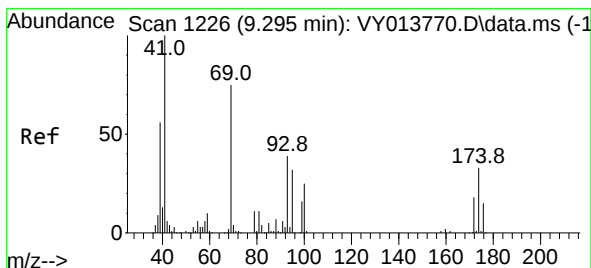
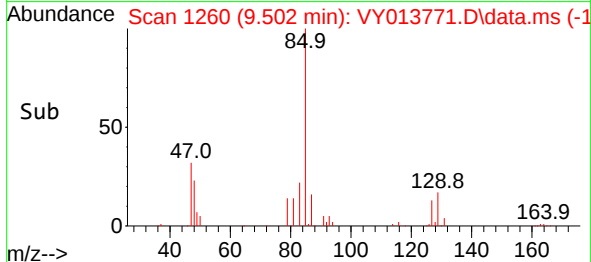
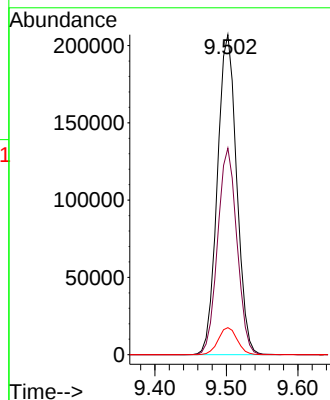
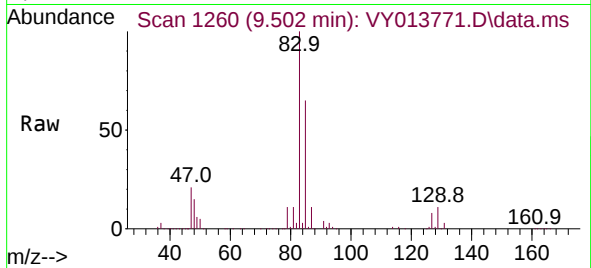




#47
Bromodichloromethane
Concen: 98.746 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

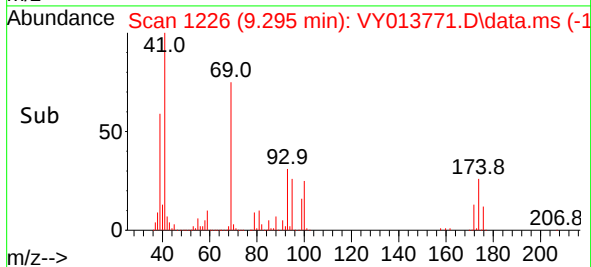
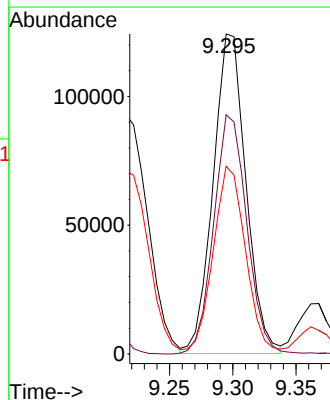
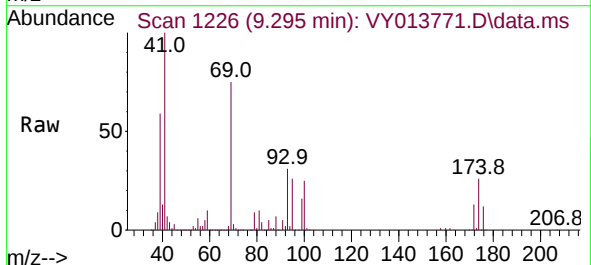
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

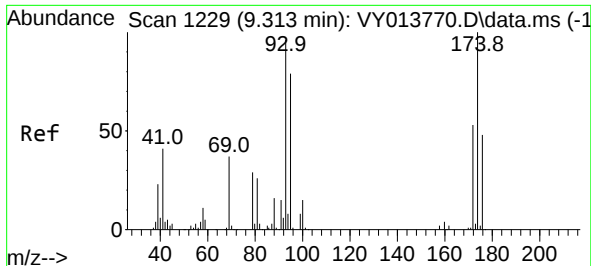
Tgt Ion: 83 Resp: 388036
Ion Ratio Lower Upper
83 100
85 64.6 49.6 74.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 105.221 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 41 Resp: 223893
Ion Ratio Lower Upper
41 100
69 75.8 63.0 94.6
39 55.4 46.2 69.2





#49

1,4-Dioxane

Concen: 1954.420 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

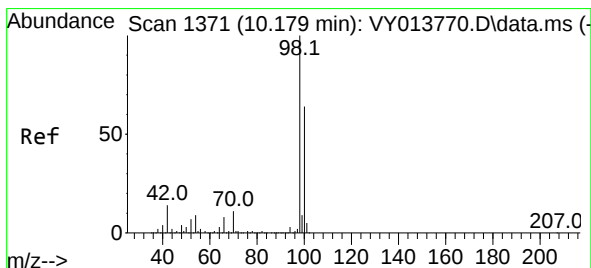
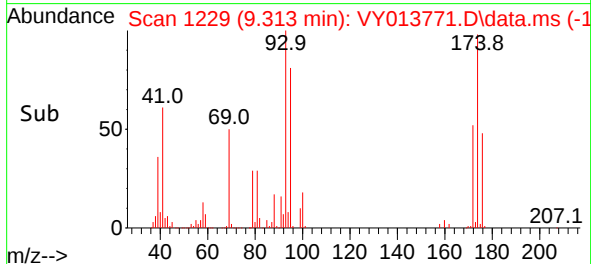
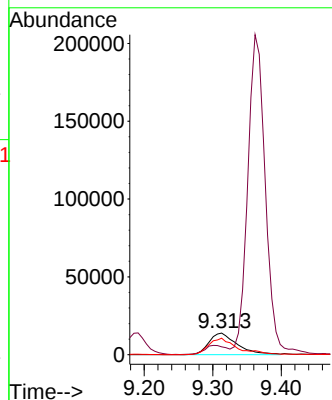
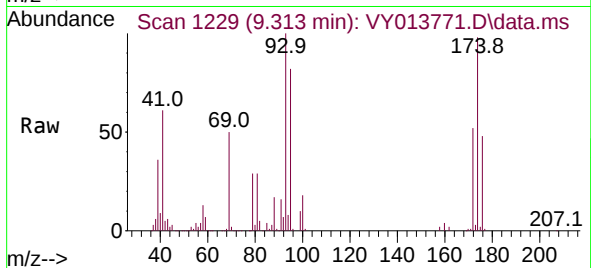
Tgt Ion: 88 Resp: 39802

Ion Ratio Lower Upper

88 100

43 32.8 26.1 39.1

58 78.7 62.2 93.2



#50

Toluene-d8

Concen: 100.617 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY013771.D

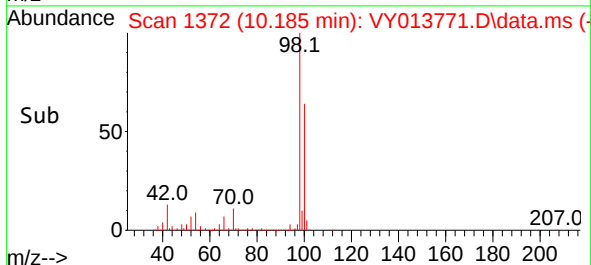
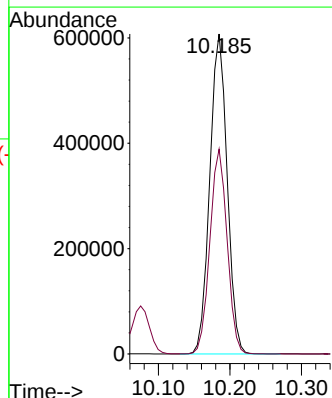
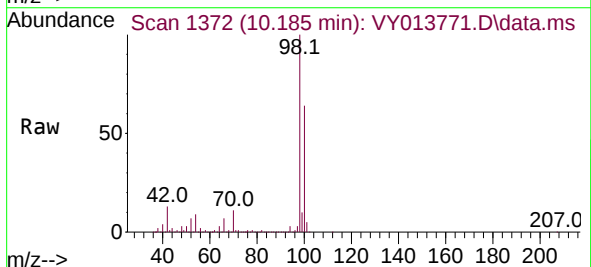
Acq: 17 May 2023 11:45

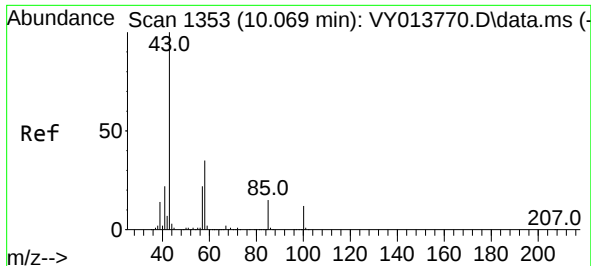
Tgt Ion: 98 Resp: 1024302

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6

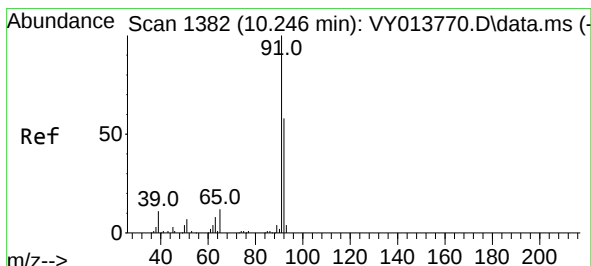
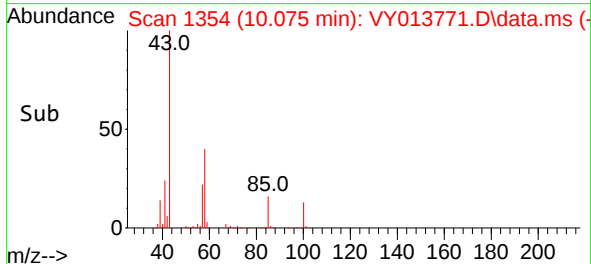
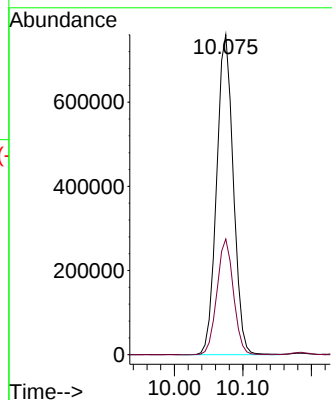
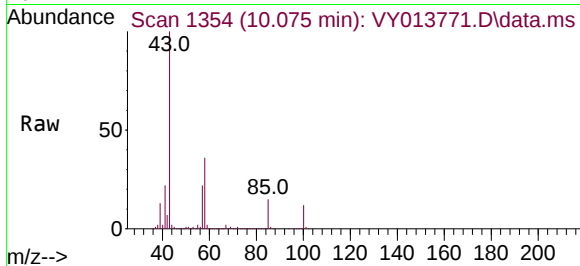




#51
4-Methyl-2-Pentanone
Concen: 495.840 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

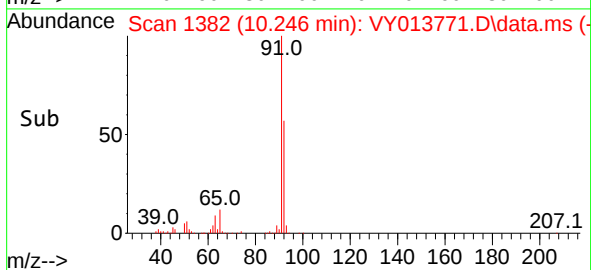
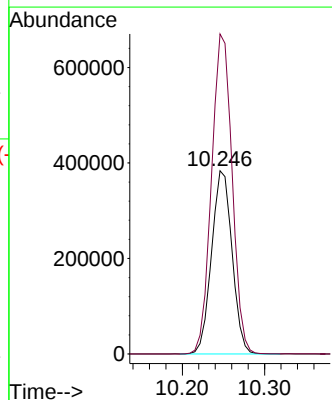
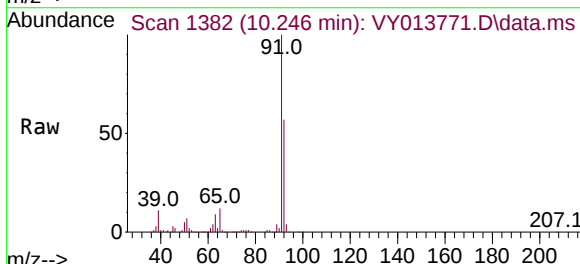
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

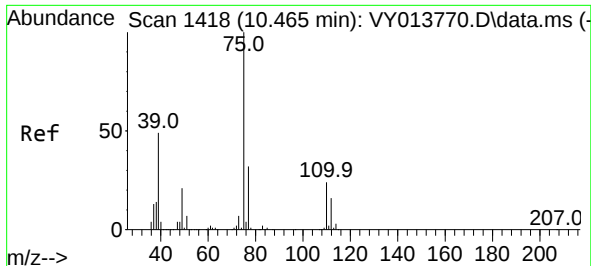
Tgt Ion: 43 Resp: 1279044
Ion Ratio Lower Upper
43 100
58 35.7 28.2 42.2



#52
Toluene
Concen: 101.564 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 92 Resp: 663859
Ion Ratio Lower Upper
92 100
91 175.6 141.0 211.4

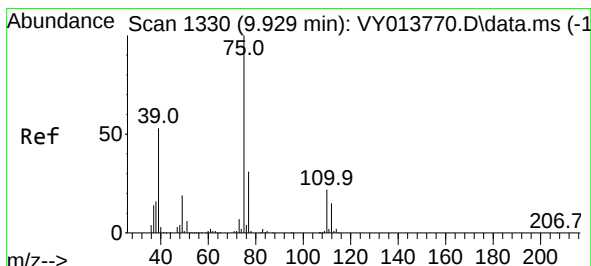
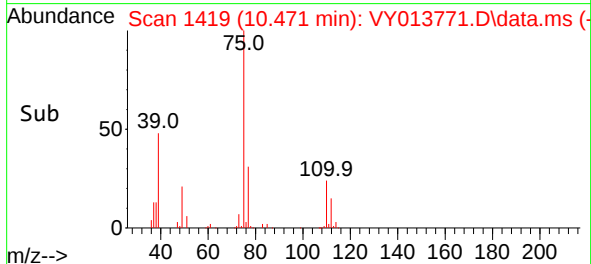
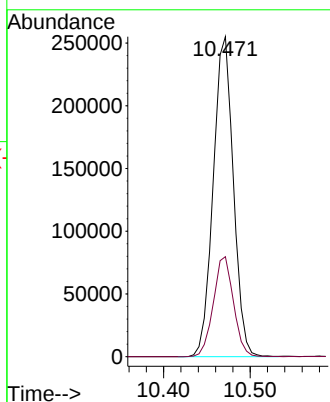
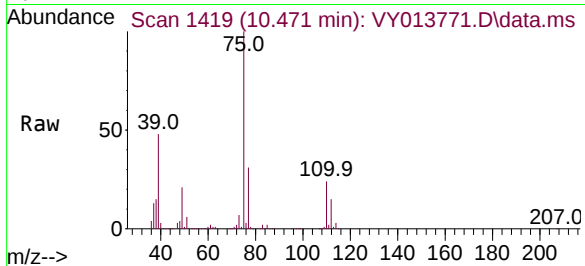




#53
 t-1,3-Dichloropropene
 Concen: 101.695 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY013771.D
 Acq: 17 May 2023 11:45

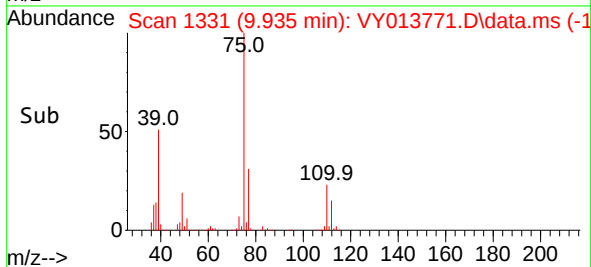
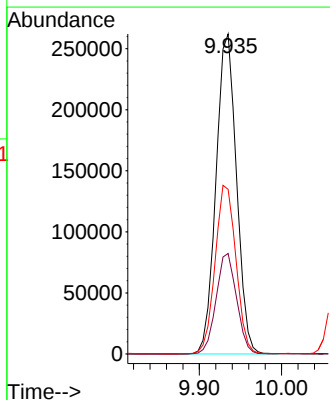
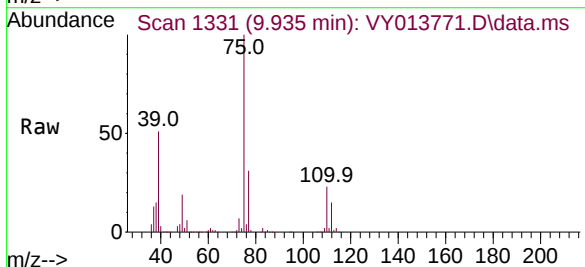
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

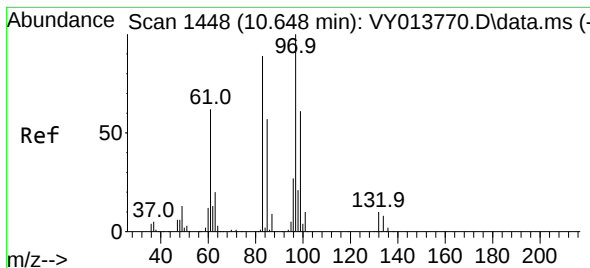
Tgt Ion: 75 Resp: 412030
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 100.465 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY013771.D
 Acq: 17 May 2023 11:45

Tgt Ion: 75 Resp: 454164
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 51.4 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 97.608 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 220284

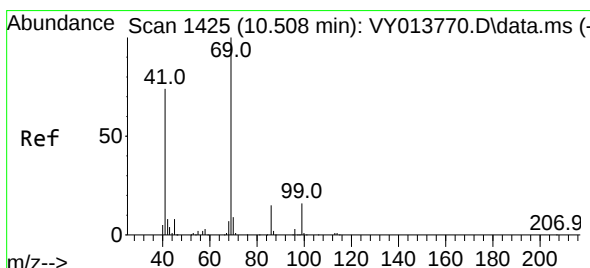
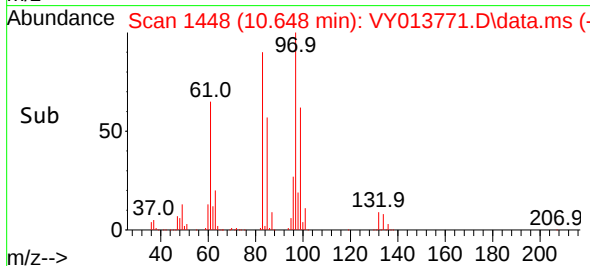
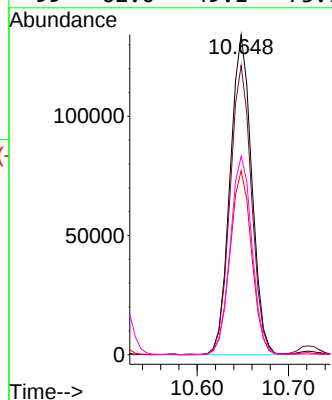
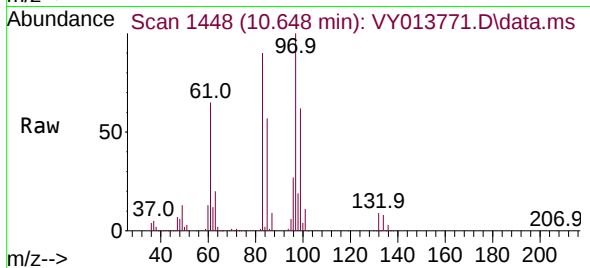
Ion Ratio Lower Upper

97 100

83 90.4 71.1 106.7

85 57.5 45.7 68.5

99 62.0 49.1 73.7



#56

Ethyl methacrylate

Concen: 105.739 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

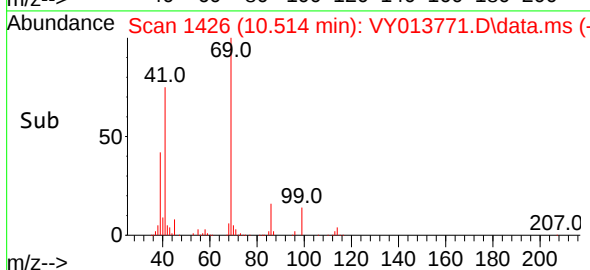
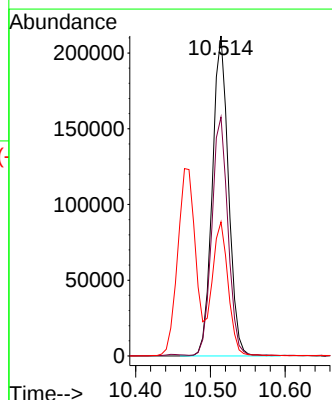
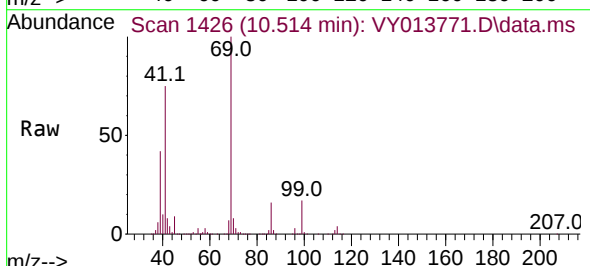
Tgt Ion: 69 Resp: 318464

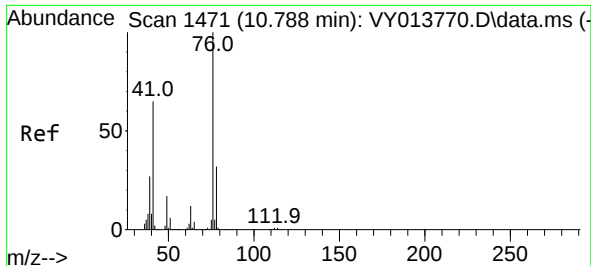
Ion Ratio Lower Upper

69 100

41 74.3 58.3 87.5

39 41.5 31.8 47.8





#57

1,3-Dichloropropane

Concen: 97.540 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

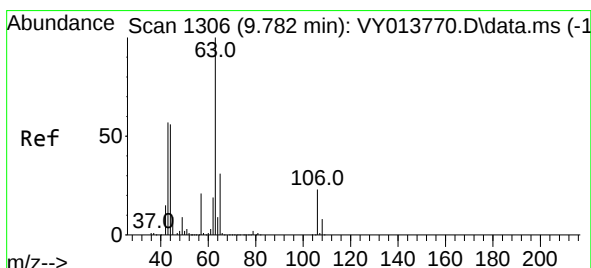
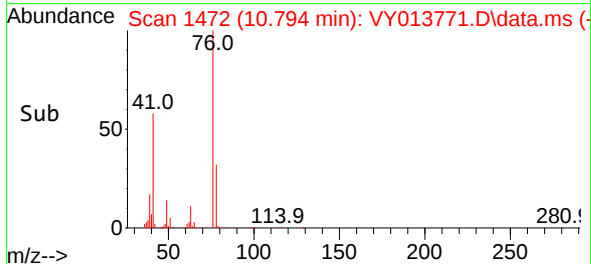
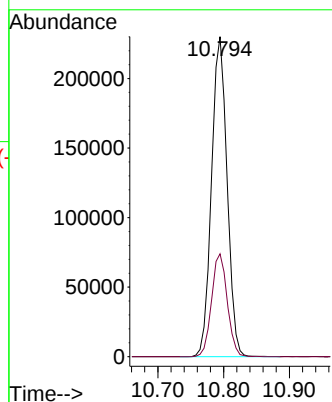
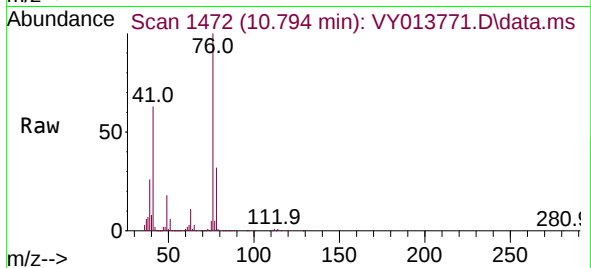
VSTDICC100

Tgt Ion: 76 Resp: 378711

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 471.939 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY013771.D

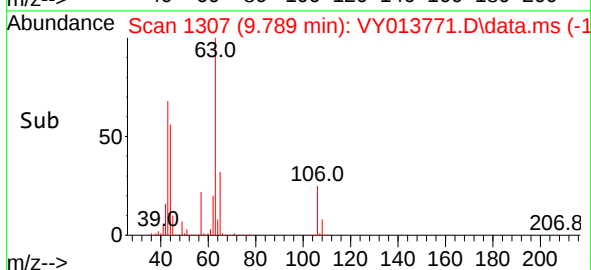
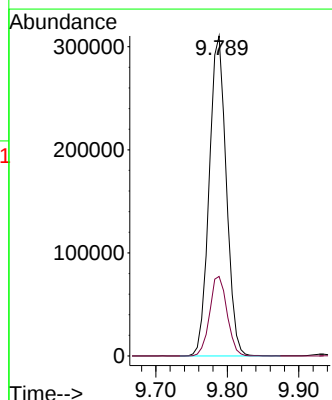
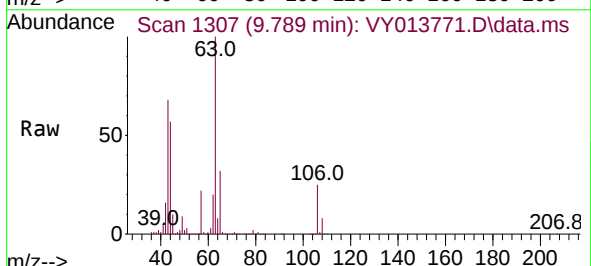
Acq: 17 May 2023 11:45

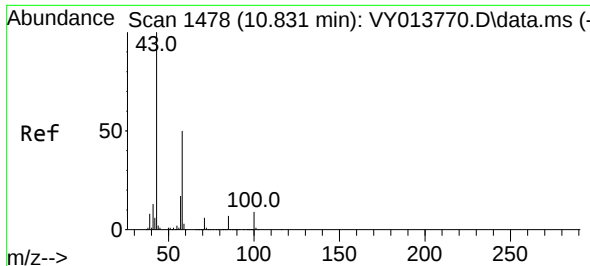
Tgt Ion: 63 Resp: 514960

Ion Ratio Lower Upper

63 100

106 25.3 19.7 29.5

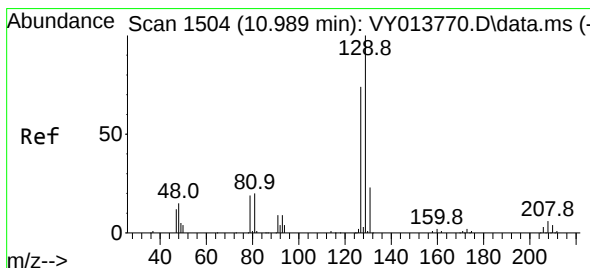
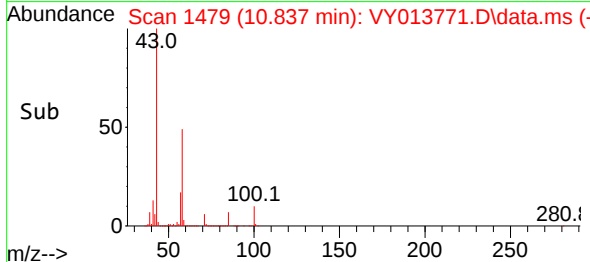
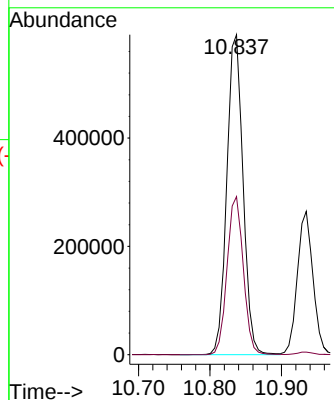
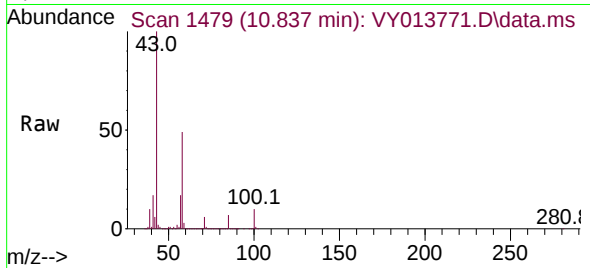




#59
2-Hexanone
Concen: 506.553 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

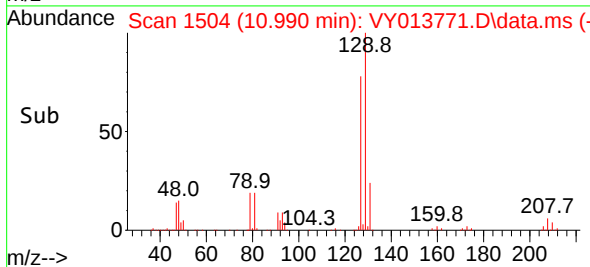
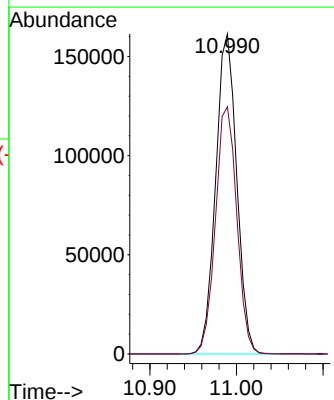
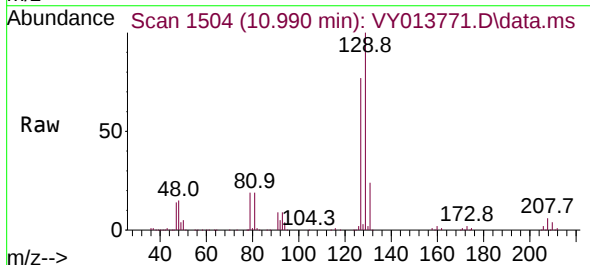
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

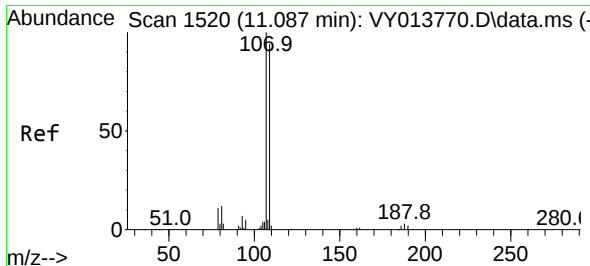
Tgt Ion: 43 Resp: 928810
Ion Ratio Lower Upper
43 100
58 49.5 24.8 74.4



#60
Dibromochloromethane
Concen: 99.588 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion:129 Resp: 272336
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7

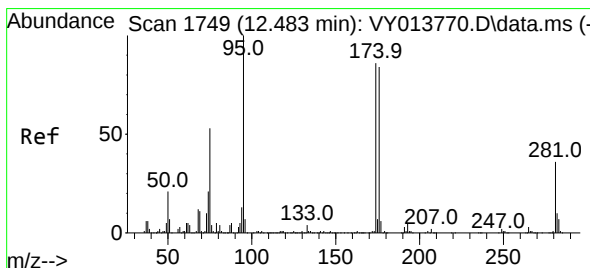
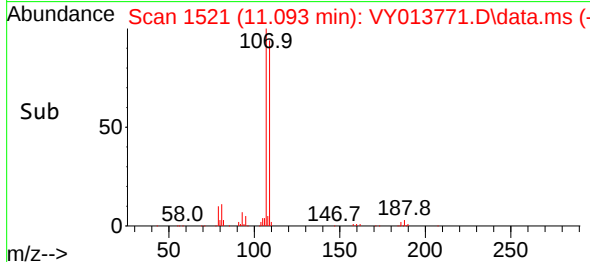
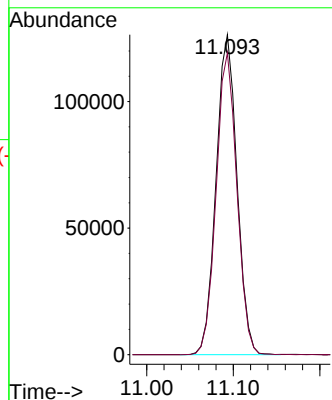
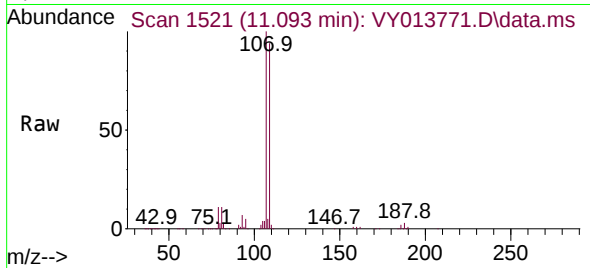




#61
1,2-Dibromoethane
Concen: 99.488 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

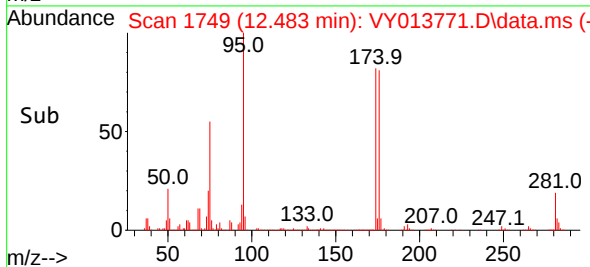
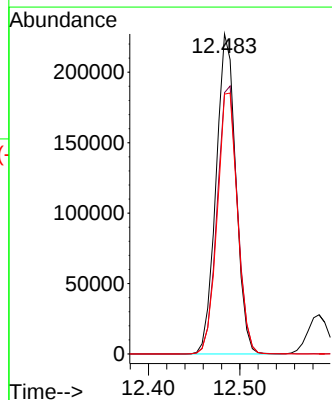
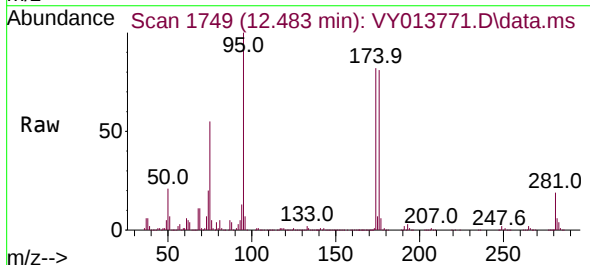
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

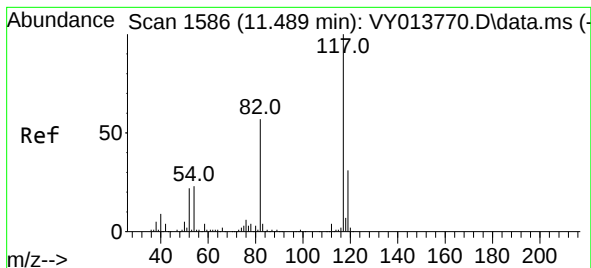
Tgt Ion:107 Resp: 211725
Ion Ratio Lower Upper
107 100
109 93.6 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 101.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 95 Resp: 341725
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.8
176 83.4 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

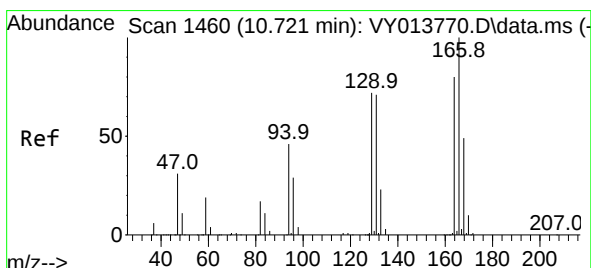
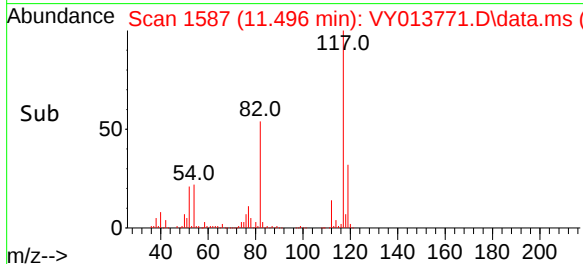
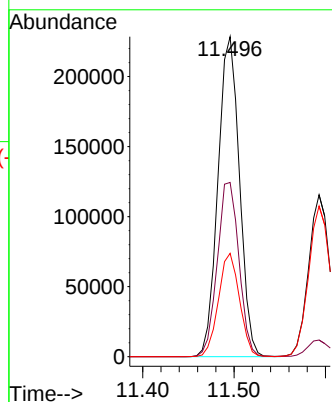
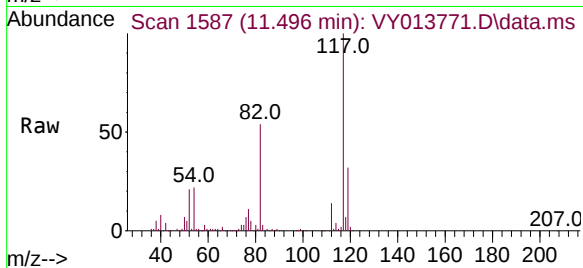
Tgt Ion:117 Resp: 373282

Ion Ratio Lower Upper

117 100

82 54.4 45.5 68.3

119 32.3 24.8 37.2



#64

Tetrachloroethene

Concen: 97.532 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Tgt Ion:164 Resp: 230952

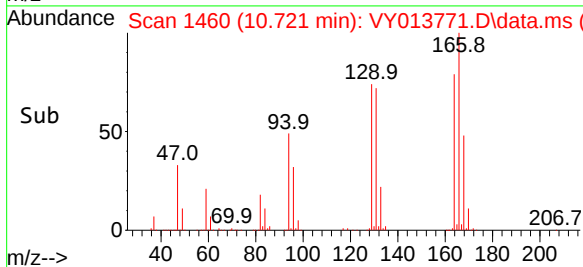
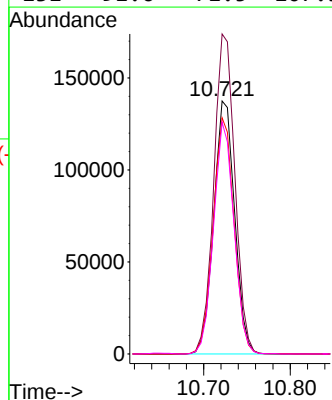
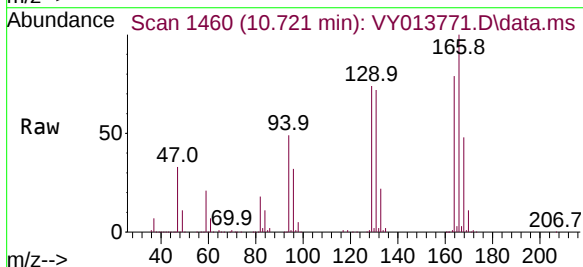
Ion Ratio Lower Upper

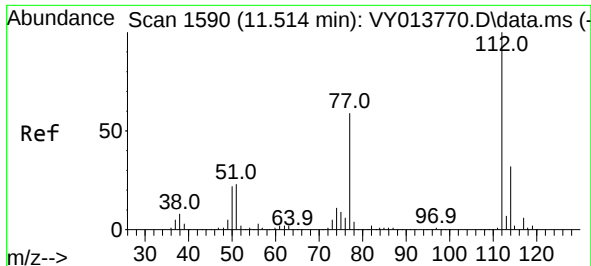
164 100

166 126.5 100.5 150.7

129 93.4 72.5 108.7

131 91.6 71.5 107.3

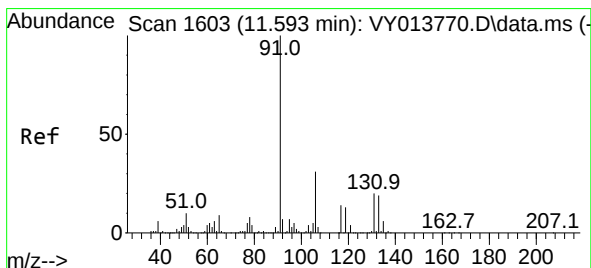
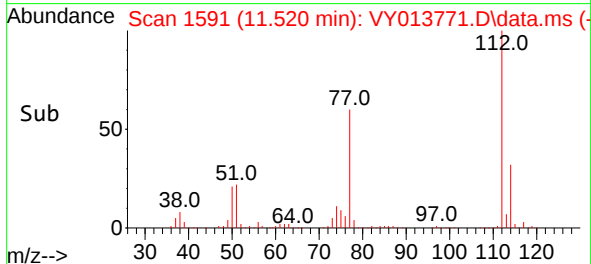
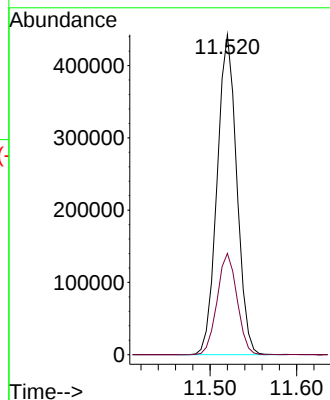
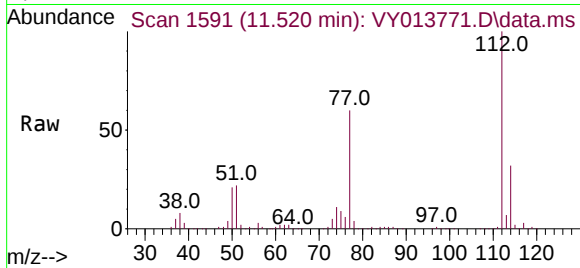




#65
Chlorobenzene
Concen: 98.617 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

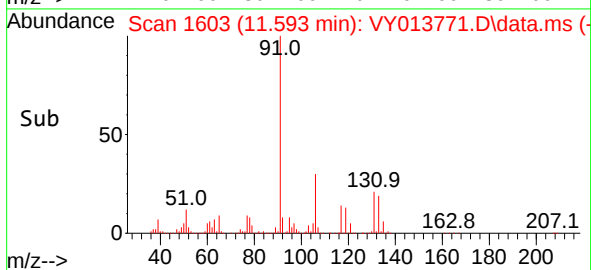
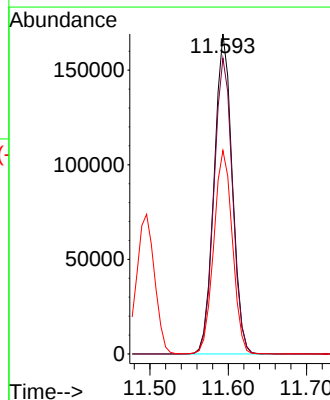
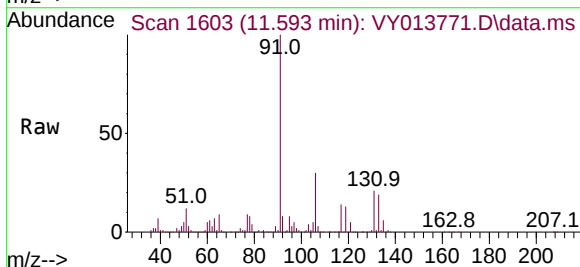
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

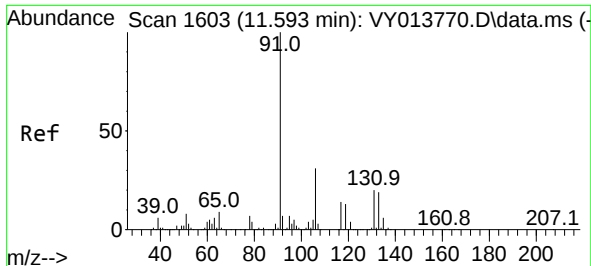
Tgt Ion:112 Resp: 696761
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 98.981 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion:131 Resp: 271733
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 65.2 32.9 98.7

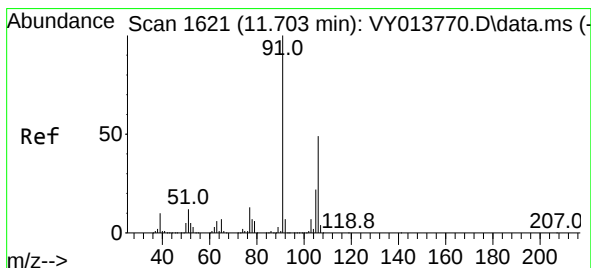
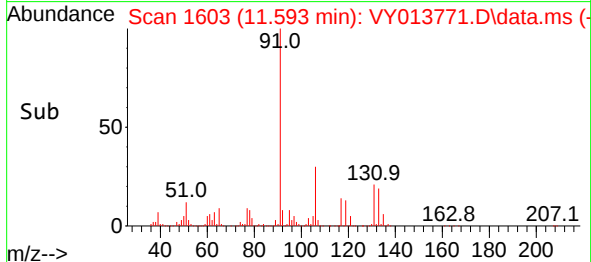
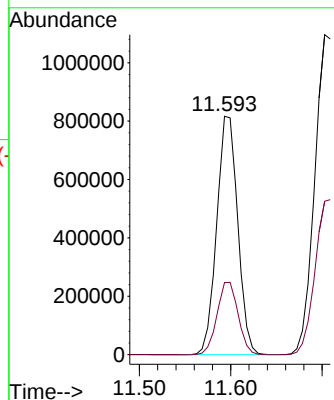
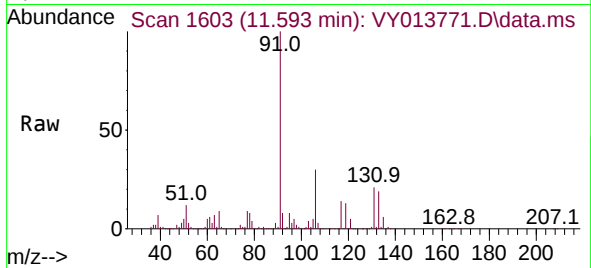




#67
Ethyl Benzene
Concen: 103.941 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

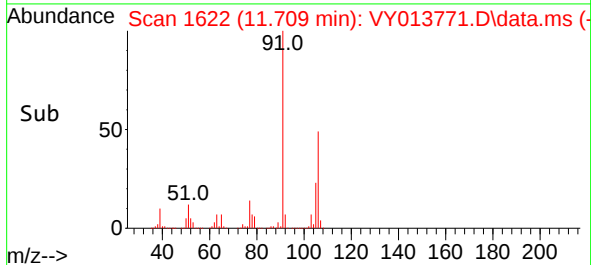
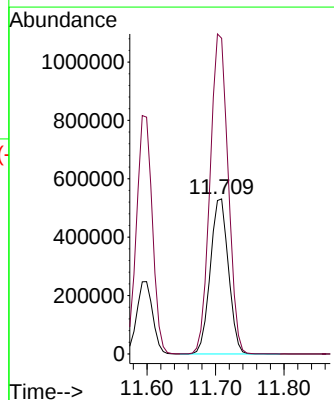
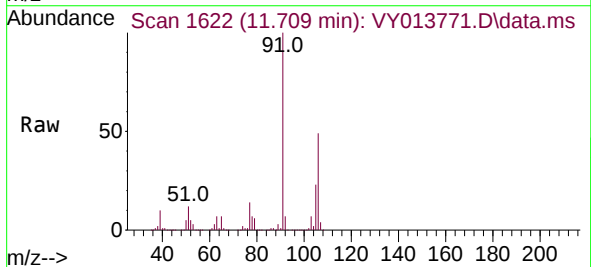
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

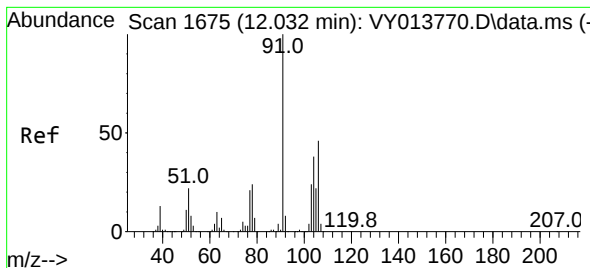
Tgt Ion: 91 Resp: 1304975
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6



#68
m/p-Xylenes
Concen: 207.162 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion:106 Resp: 974168
Ion Ratio Lower Upper
106 100
91 206.4 164.0 246.0

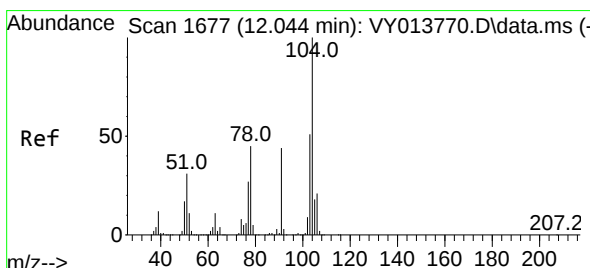
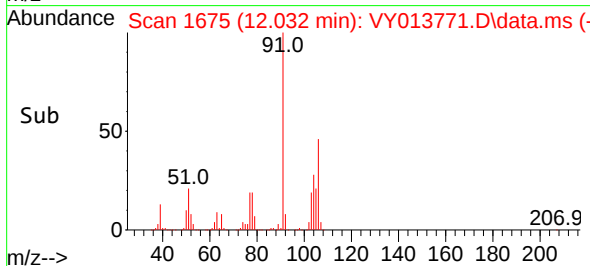
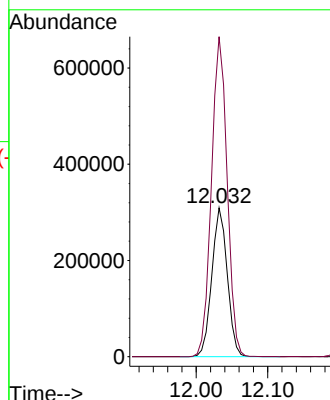
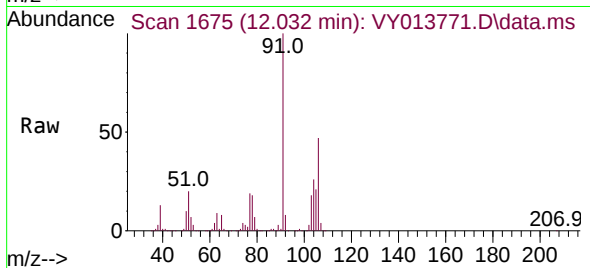




#69
o-Xylene
Concen: 103.697 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

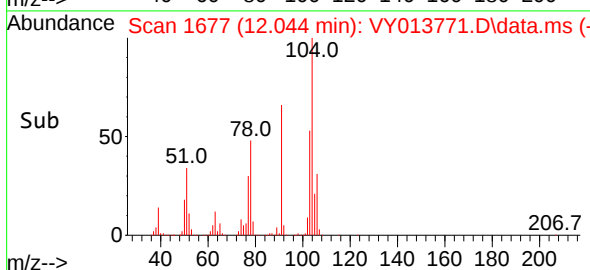
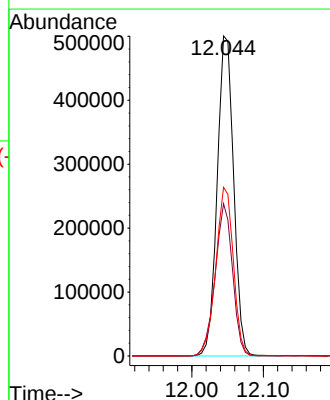
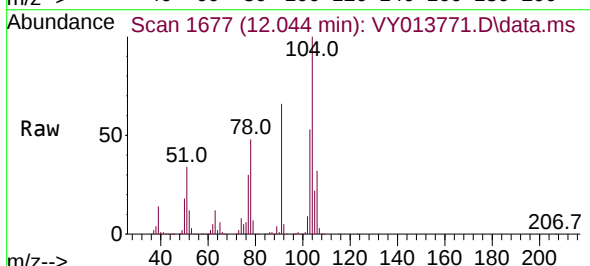
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

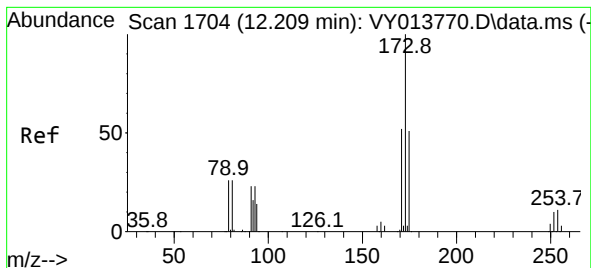
Tgt Ion:106 Resp: 463866
Ion Ratio Lower Upper
106 100
91 218.6 108.4 325.2



#70
Styrene
Concen: 105.150 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion:104 Resp: 798881
Ion Ratio Lower Upper
104 100
78 50.5 40.6 61.0
103 56.3 44.6 66.8





#71

Bromoform

Concen: 100.724 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

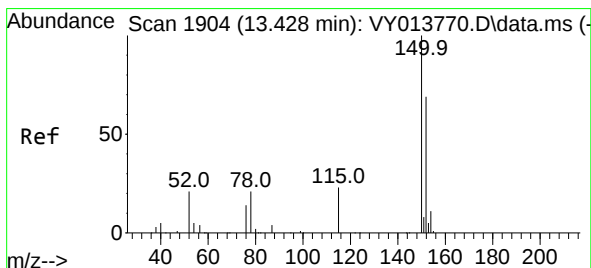
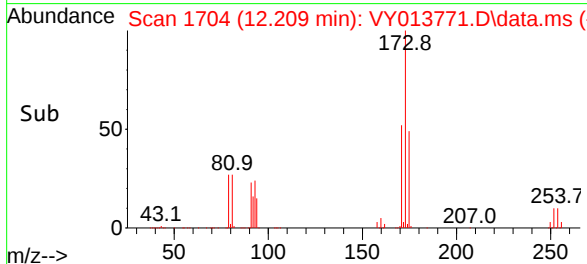
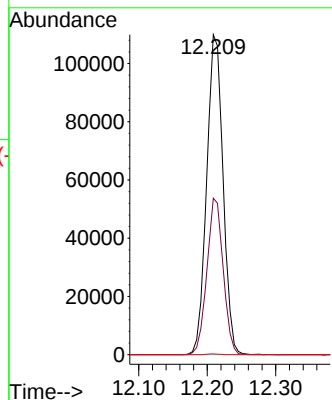
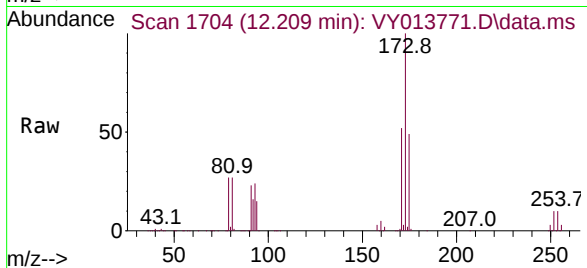
Tgt Ion:173 Resp: 182680

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

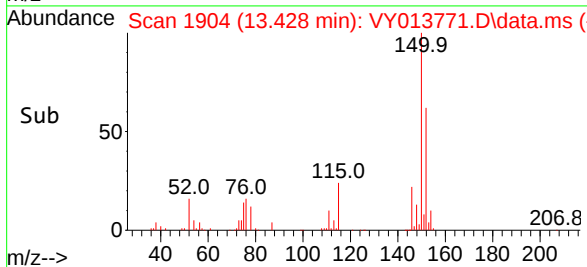
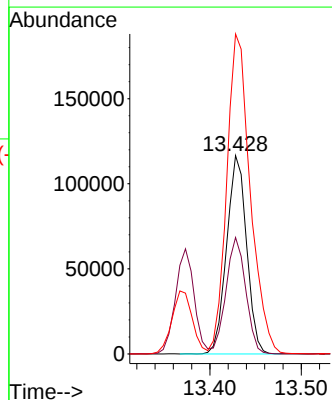
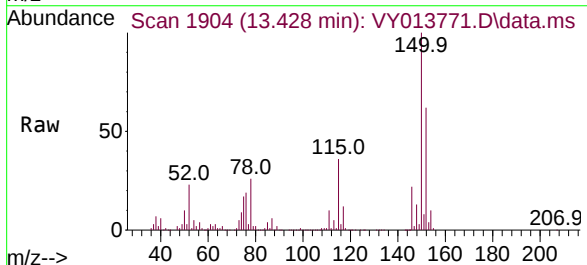
Tgt Ion:152 Resp: 176776

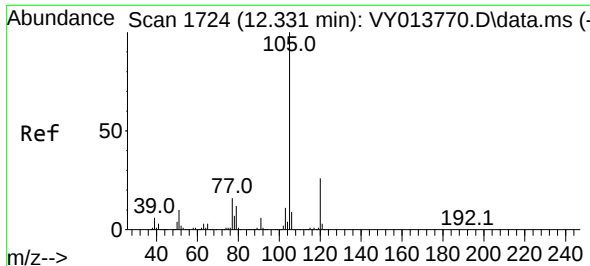
Ion Ratio Lower Upper

152 100

115 58.3 28.5 85.5

150 190.3 0.0 347.0

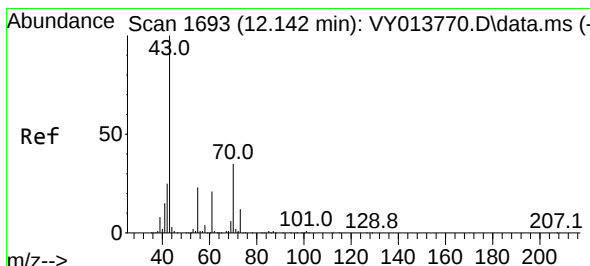
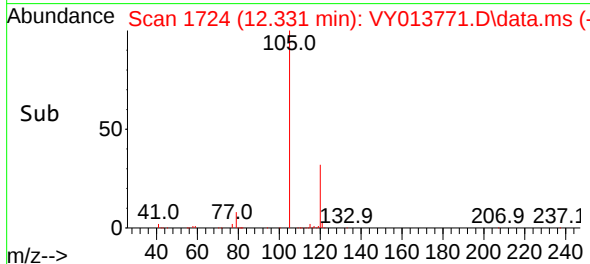
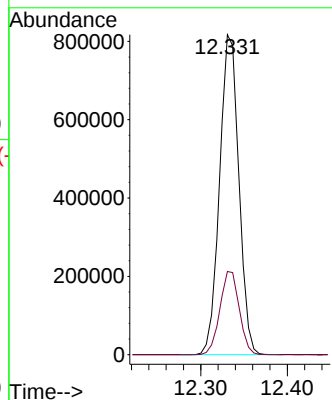
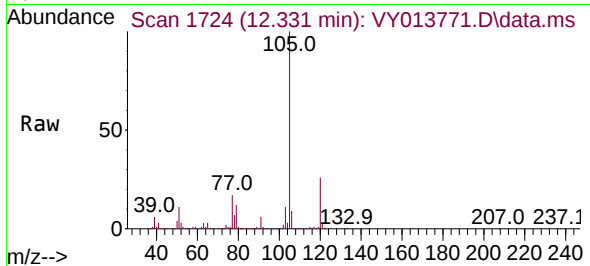




#73
Isopropylbenzene
Concen: 105.325 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

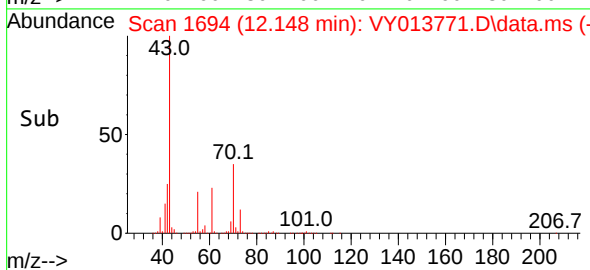
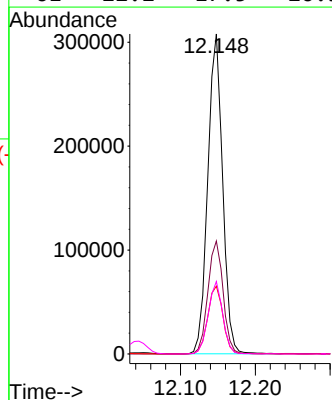
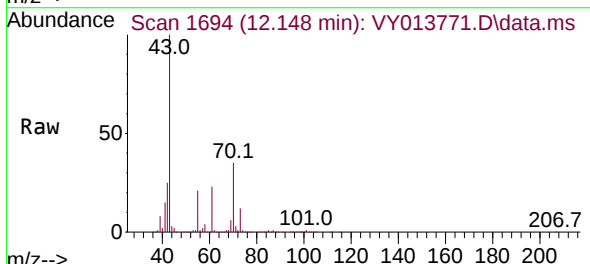
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

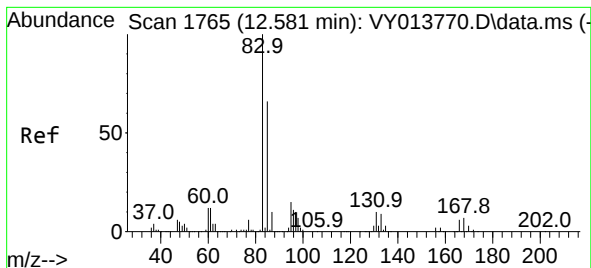
Tgt Ion:105 Resp: 1260487
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#74
N-ethyl acetate
Concen: 104.663 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 43 Resp: 425067
Ion Ratio Lower Upper
43 100
70 36.2 28.8 43.2
55 21.9 18.5 27.7
61 22.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 97.328 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

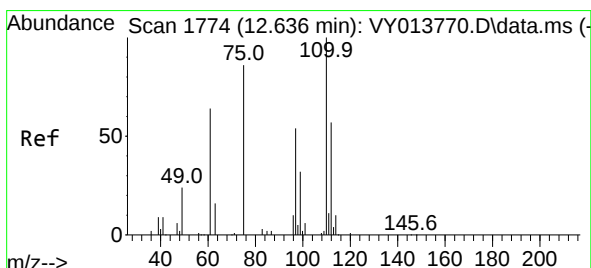
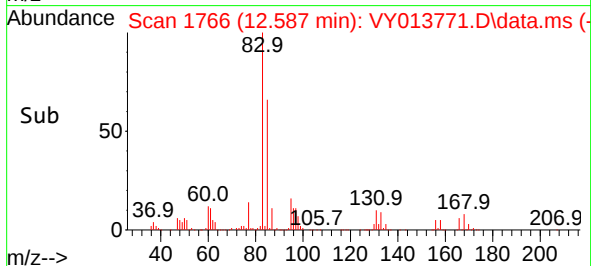
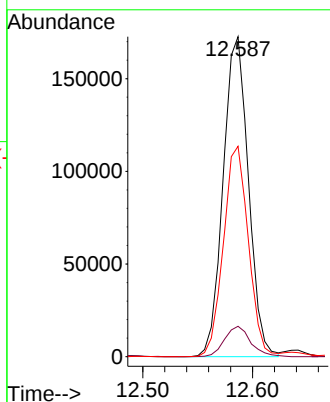
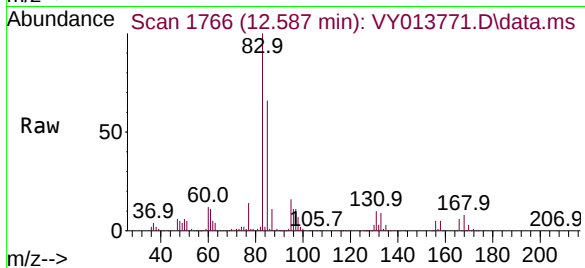
Tgt Ion: 83 Resp: 275929

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 168.715 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013771.D

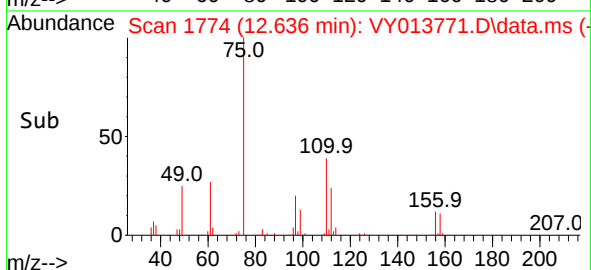
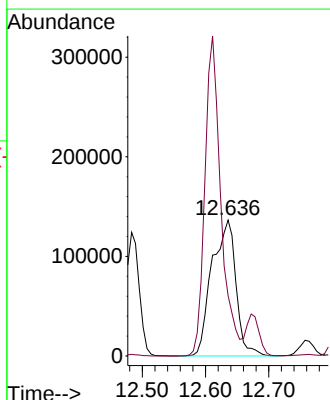
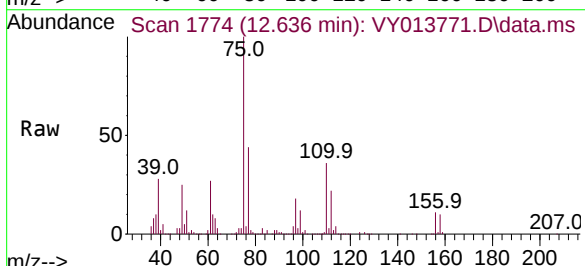
Acq: 17 May 2023 11:45

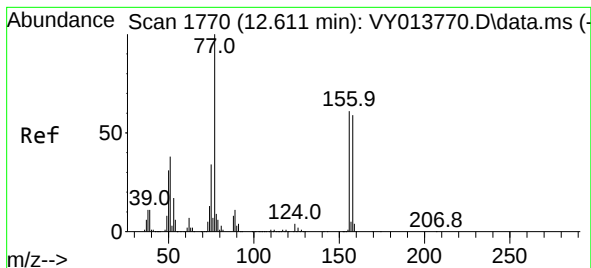
Tgt Ion: 75 Resp: 360079

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.337 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

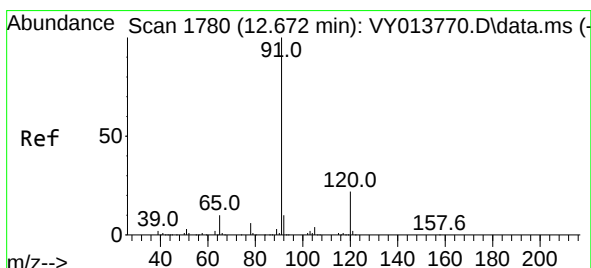
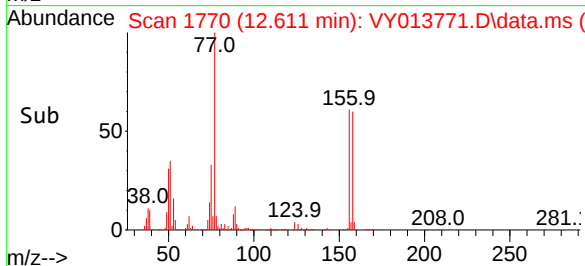
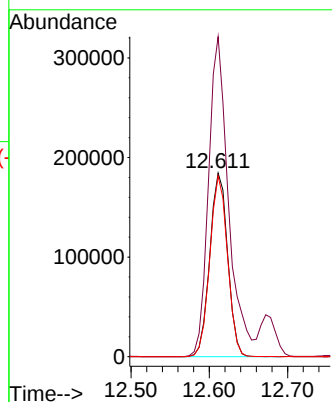
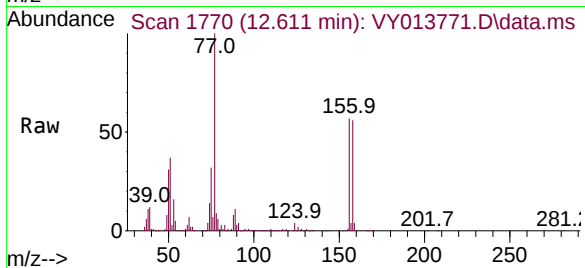
Tgt Ion:156 Resp: 292553

Ion Ratio Lower Upper

156 100

77 193.3 97.1 291.3

158 97.1 49.1 147.3



#78

n-propylbenzene

Concen: 105.166 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013771.D

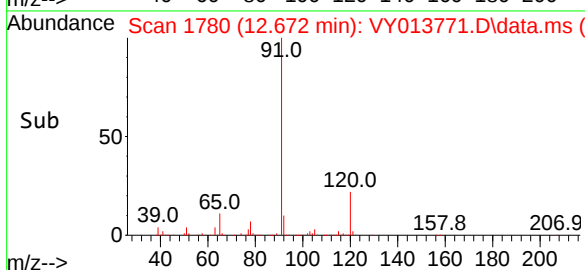
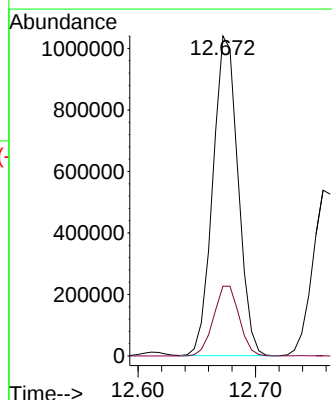
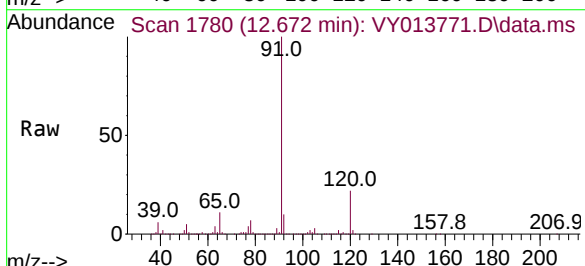
Acq: 17 May 2023 11:45

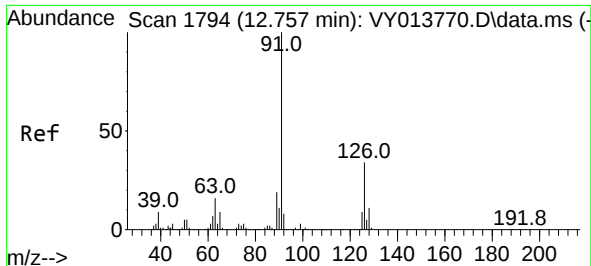
Tgt Ion: 91 Resp: 1550367

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 103.647 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

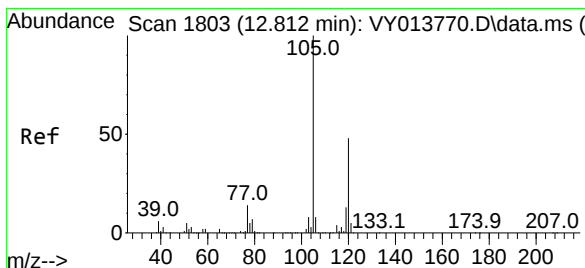
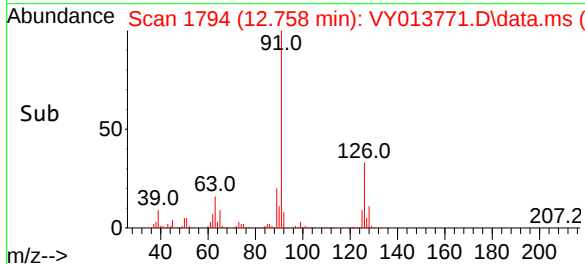
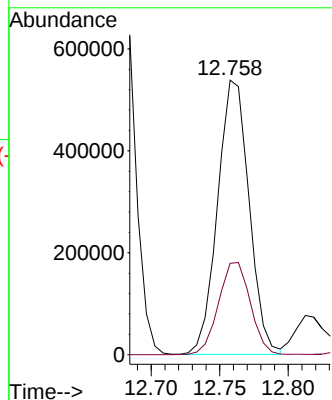
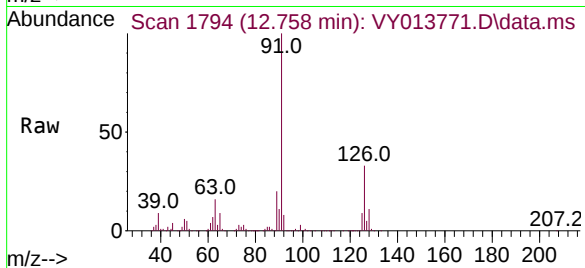
VSTDIC100

Tgt Ion: 91 Resp: 862359

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 105.225 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013771.D

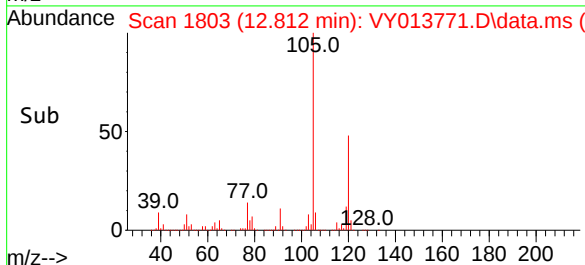
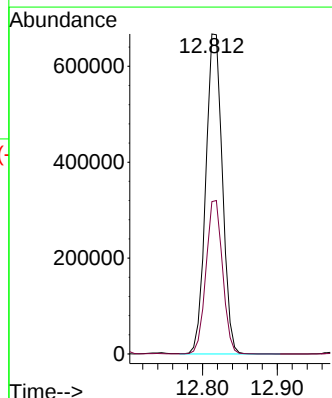
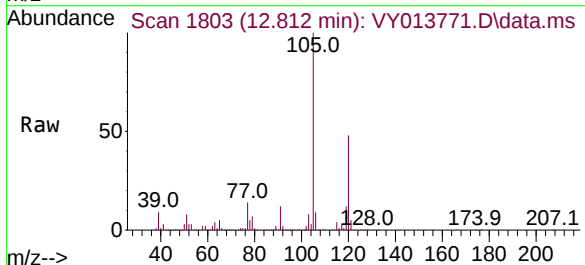
Acq: 17 May 2023 11:45

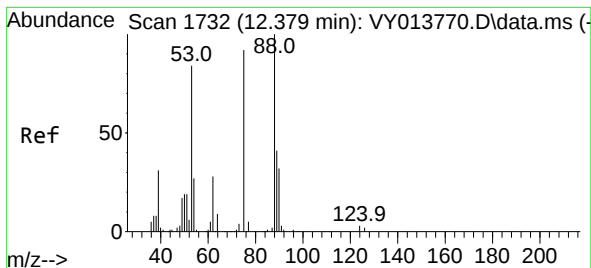
Tgt Ion:105 Resp: 1026840

Ion Ratio Lower Upper

105 100

120 48.0 23.8 71.5

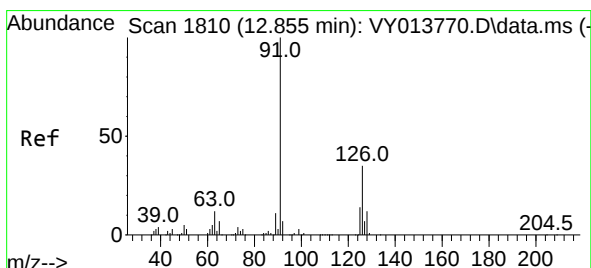
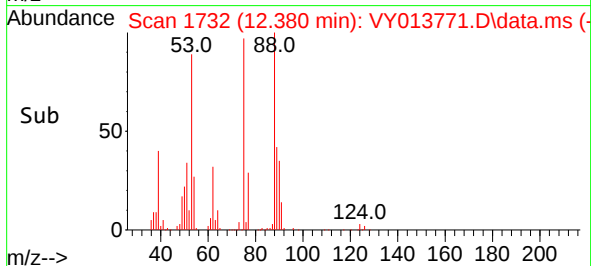
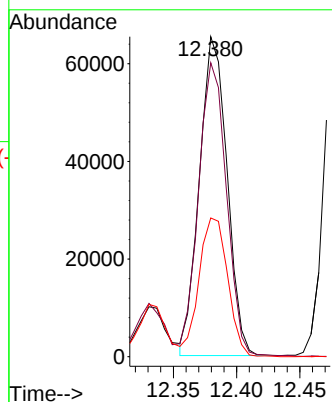
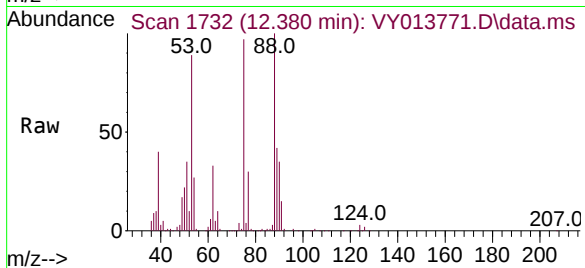




#81
trans-1,4-Dichloro-2-butene
Concen: 103.293 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

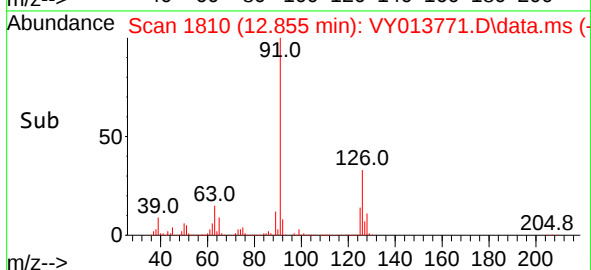
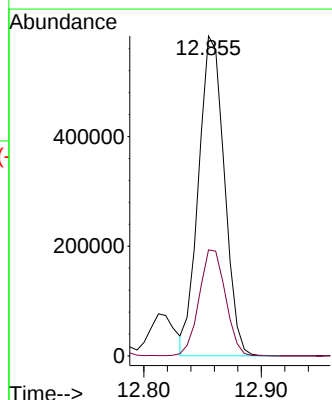
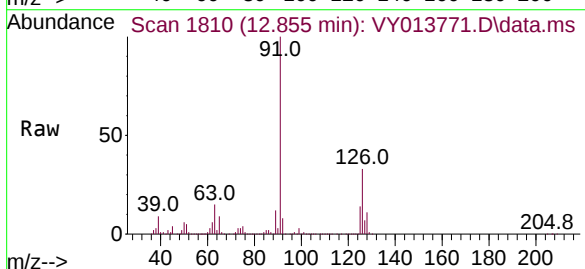
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

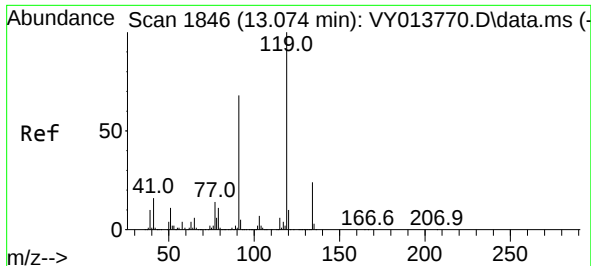
Tgt Ion: 75 Resp: 99261
Ion Ratio Lower Upper
75 100
53 94.4 75.3 112.9
89 45.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 102.383 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 91 Resp: 887338
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4

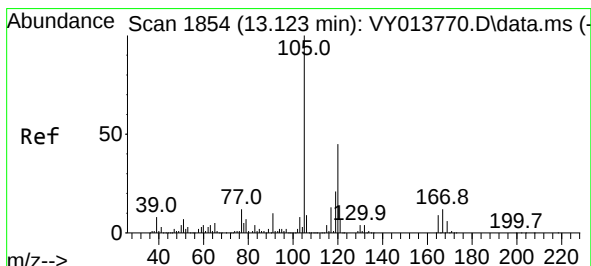
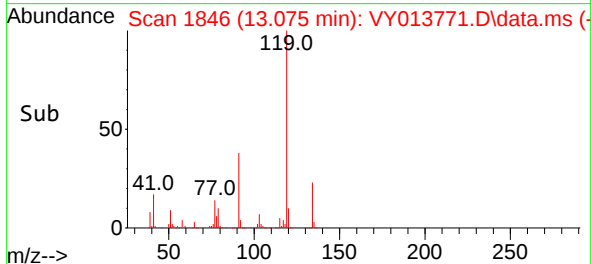
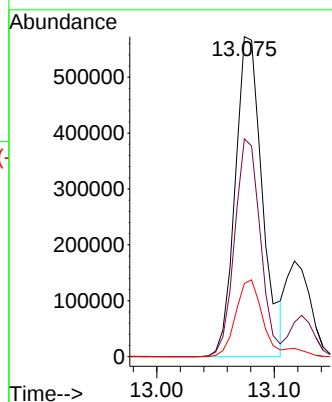
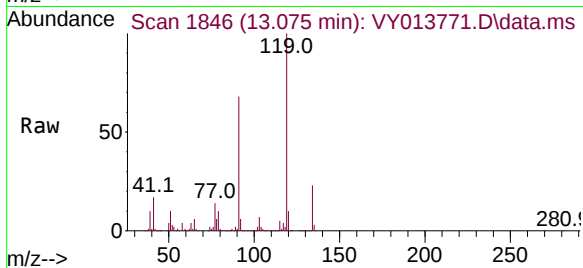




#83
tert-Butylbenzene
Concen: 108.099 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

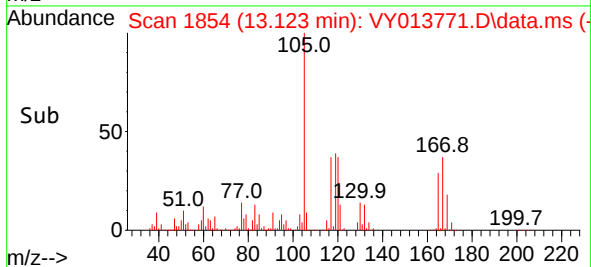
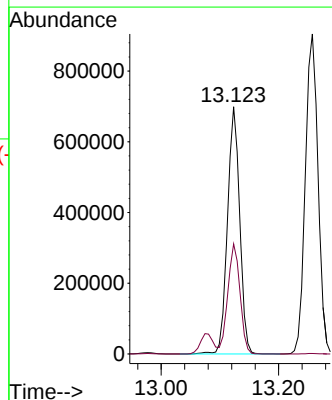
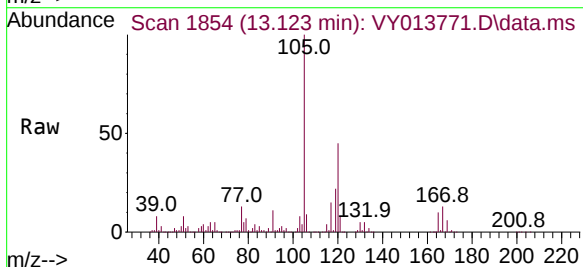
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

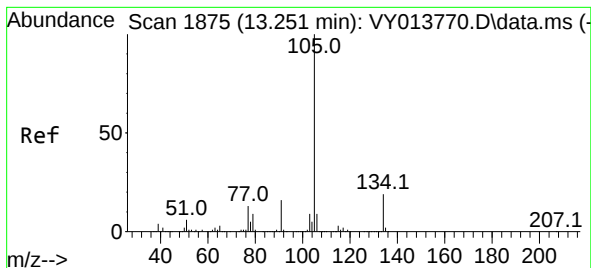
Tgt Ion:119 Resp: 918632
Ion Ratio Lower Upper
119 100
91 64.7 33.3 99.9
134 25.3 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 105.594 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion:105 Resp: 1009941
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 105.502 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

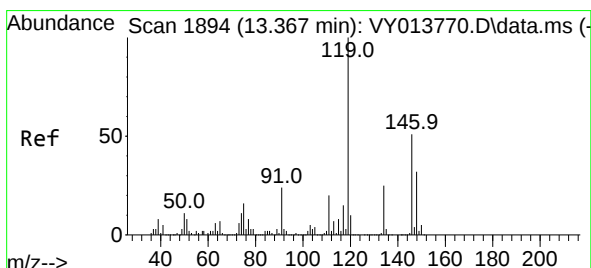
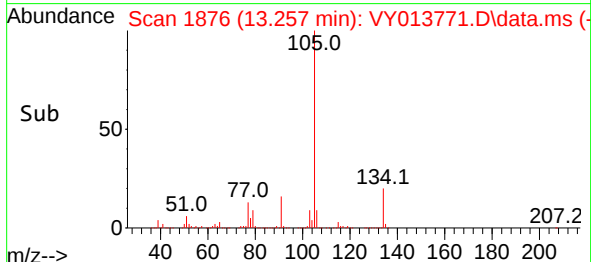
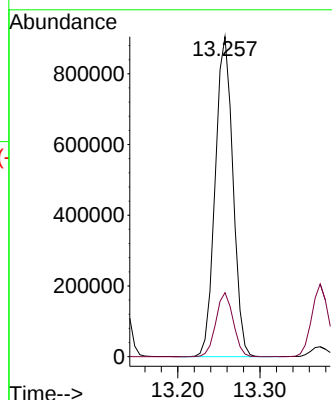
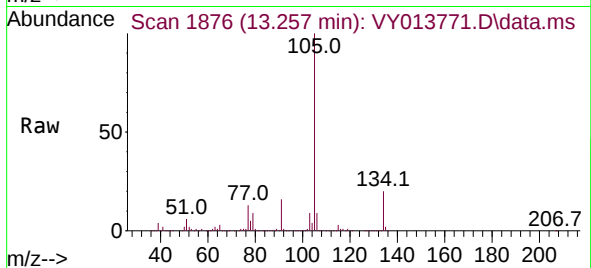
VSTDIC100

Tgt Ion:105 Resp: 1352742

Ion Ratio Lower Upper

105 100

134 19.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 105.644 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

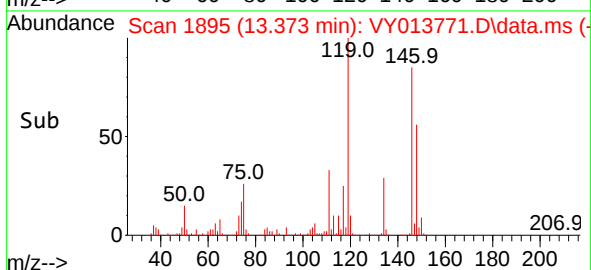
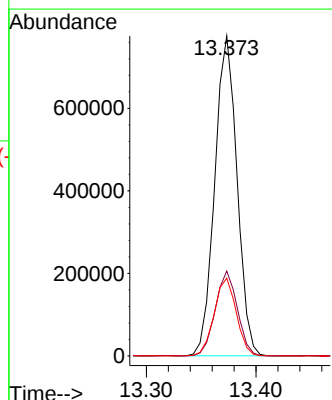
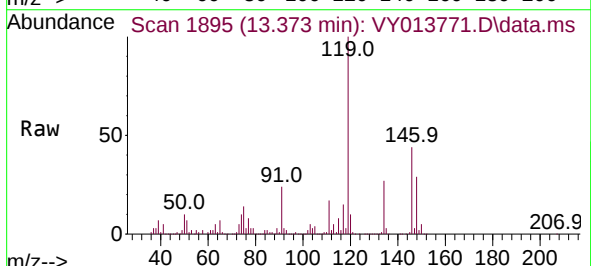
Tgt Ion:119 Resp: 1093817

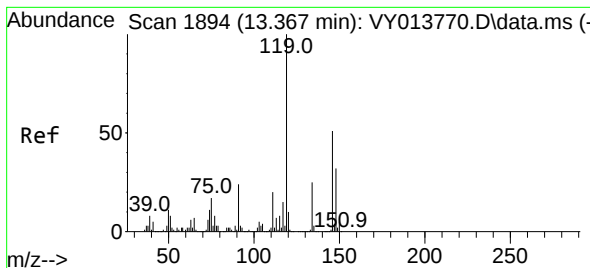
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 100.628 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

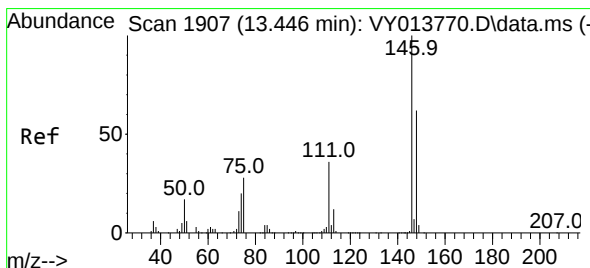
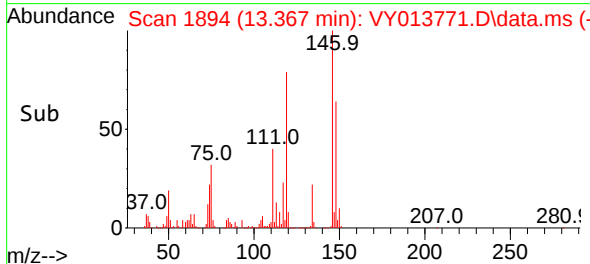
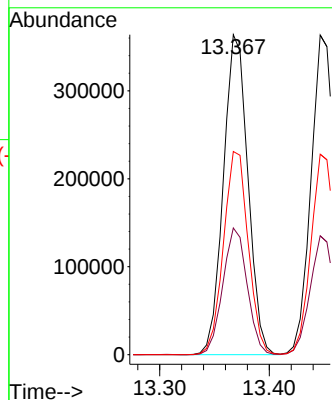
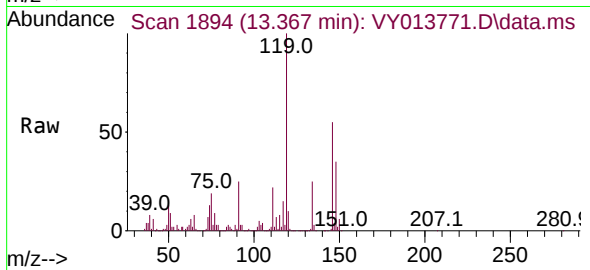
Tgt Ion:146 Resp: 565550

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 99.368 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

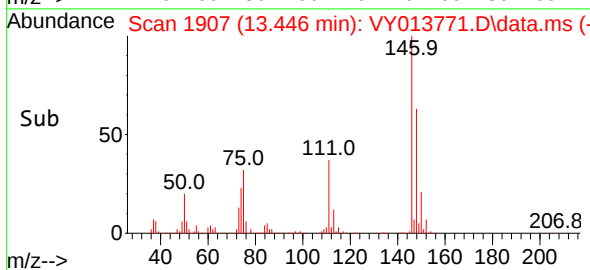
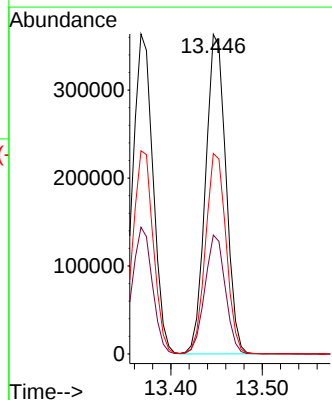
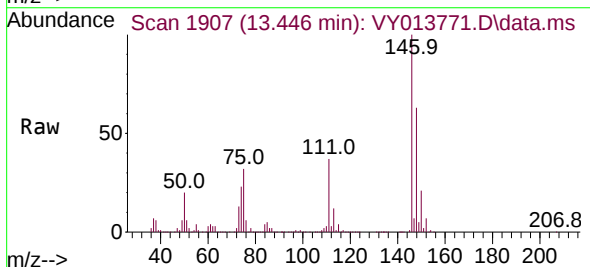
Tgt Ion:146 Resp: 561554

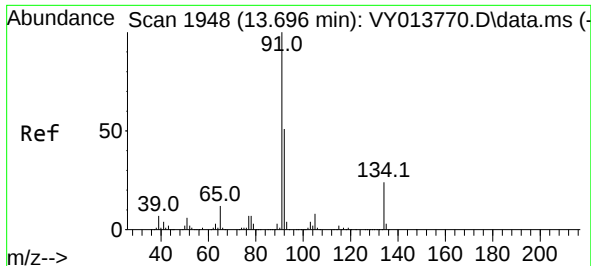
Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 107.282 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

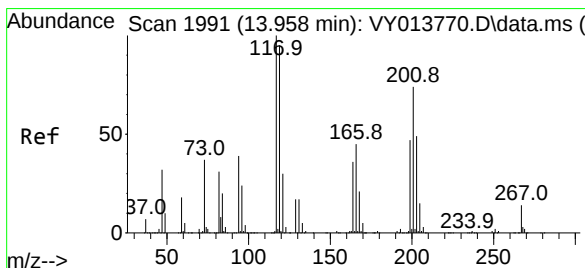
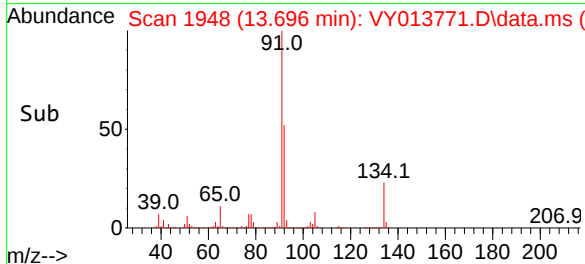
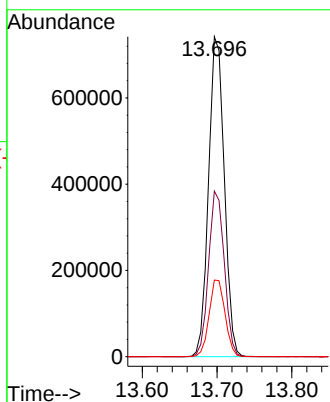
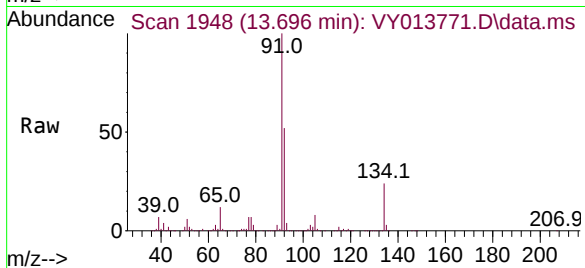
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1089000

Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.4	76.4
134	24.3	12.2	36.6



#90

Hexachloroethane

Concen: 100.696 ug/l

RT: 13.965 min Scan# 1992

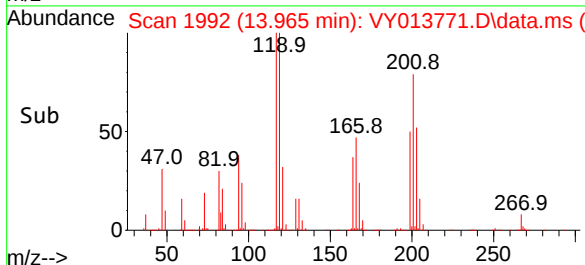
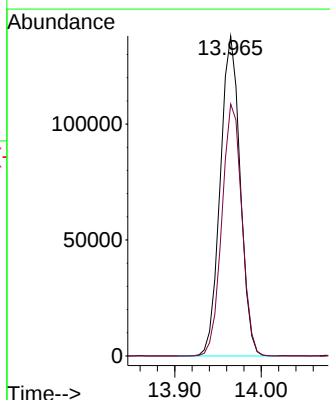
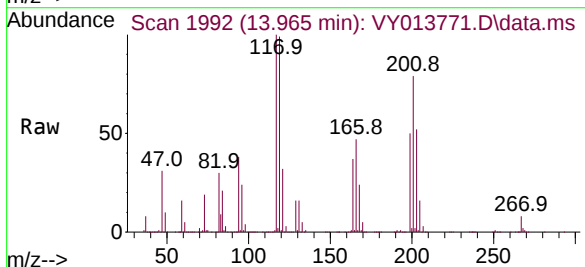
Delta R.T. 0.006 min

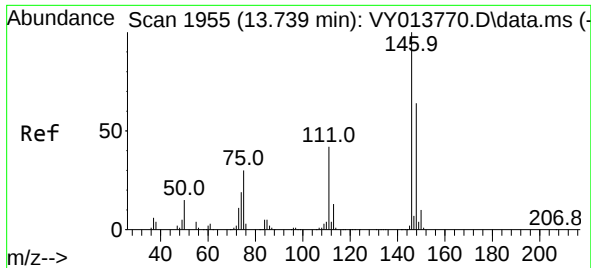
Lab File: VY013771.D

Acq: 17 May 2023 11:45

Tgt Ion: 117 Resp: 220316

Ion	Ratio	Lower	Upper
117	100		
201	78.9	39.2	117.6

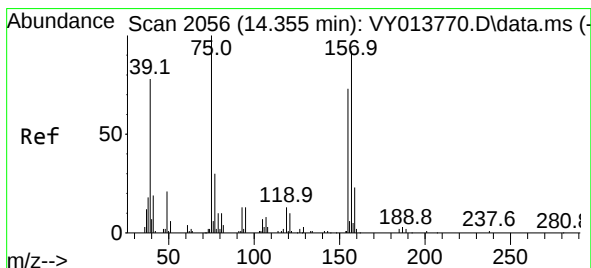
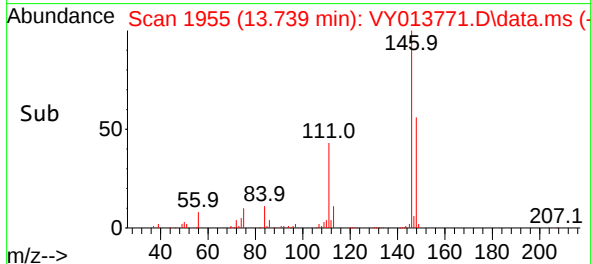
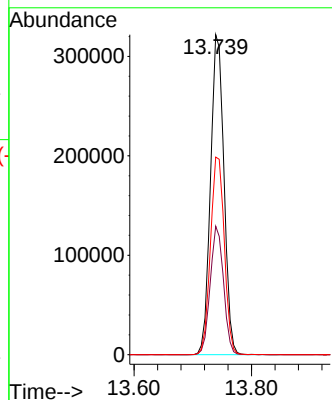
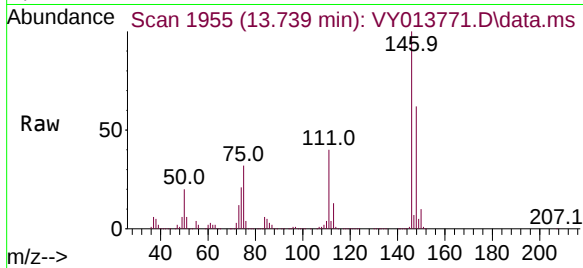




#91
1,2-Dichlorobenzene
Concen: 101.986 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

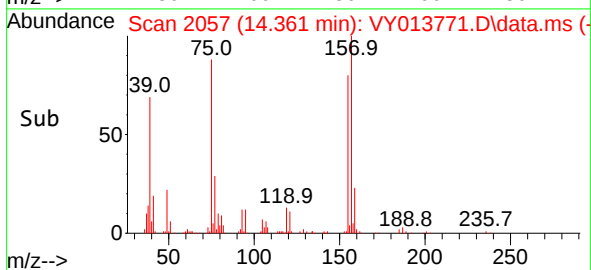
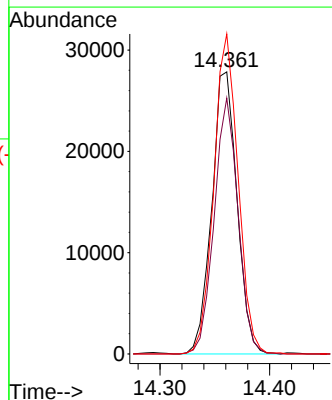
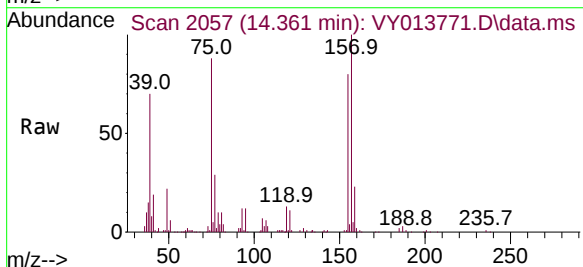
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

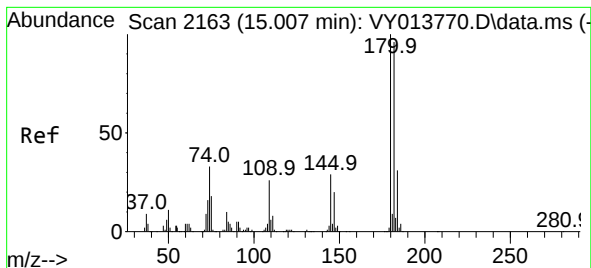
Tgt Ion:146 Resp: 510408
Ion Ratio Lower Upper
146 100
111 39.8 20.0 59.9
148 63.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 97.084 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013771.D
Acq: 17 May 2023 11:45

Tgt Ion: 75 Resp: 44597
Ion Ratio Lower Upper
75 100
155 85.5 39.1 117.3
157 108.9 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 108.677 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

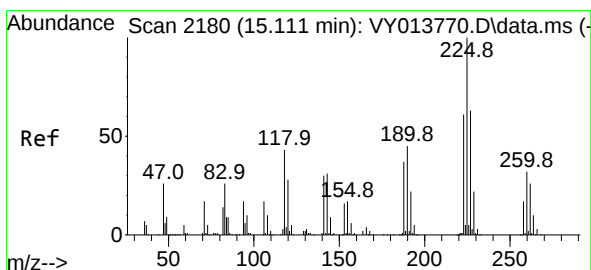
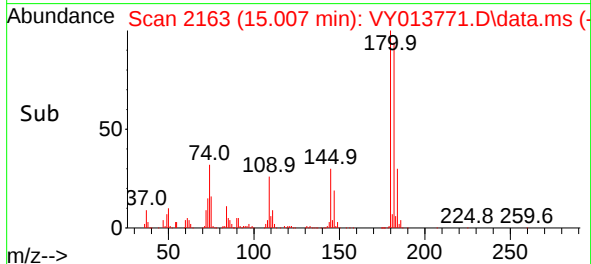
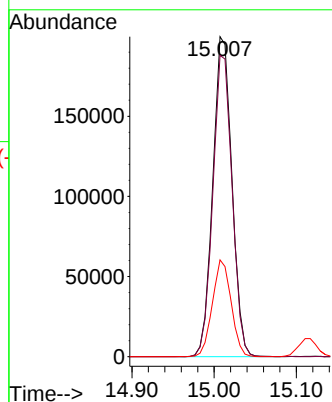
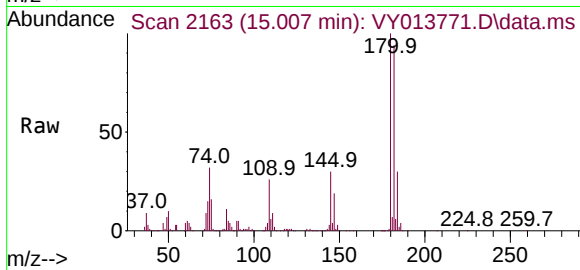
Tgt Ion:180 Resp: 322761

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 29.7 14.9 44.9



#94

Hexachlorobutadiene

Concen: 102.434 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

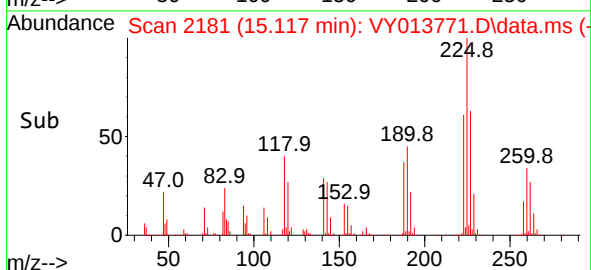
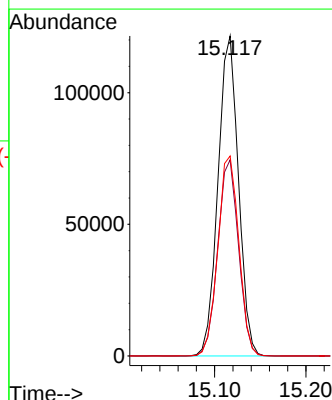
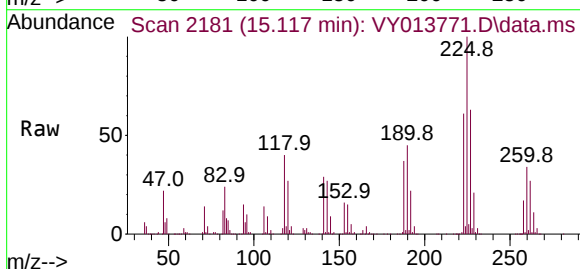
Tgt Ion:225 Resp: 188983

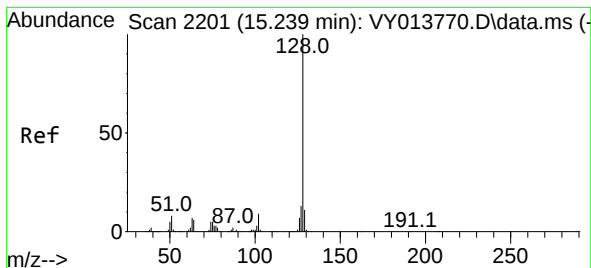
Ion Ratio Lower Upper

225 100

223 62.3 30.6 91.6

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 113.458 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

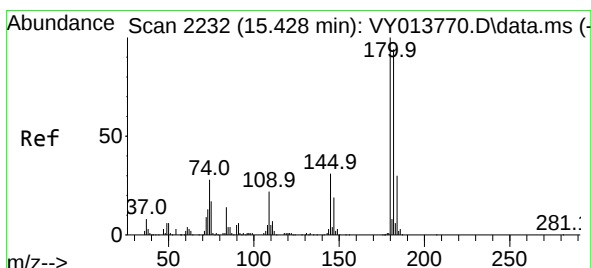
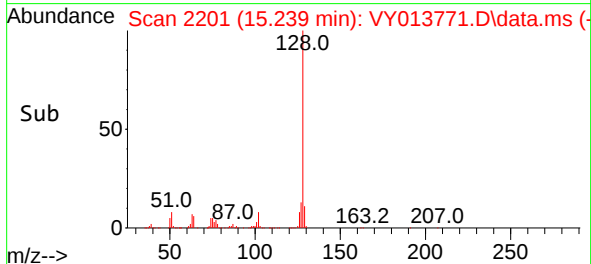
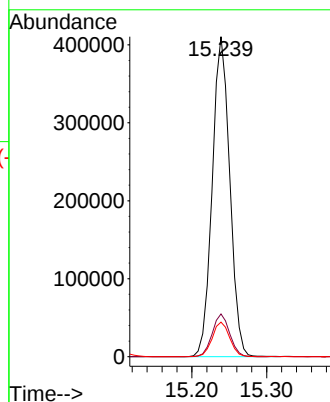
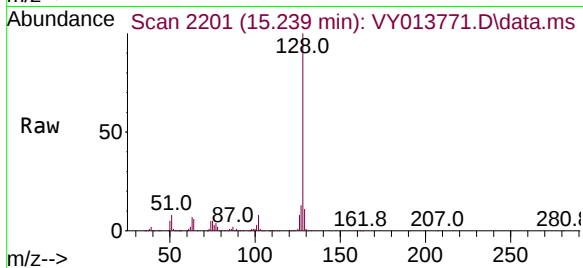
Tgt Ion:128 Resp: 668771

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 107.136 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY013771.D

Acq: 17 May 2023 11:45

Tgt Ion:180 Resp: 286276

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 31.2 15.6 46.7

