

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013767.D
 Acq On : 17 May 2023 10:14
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 18 06:35:41 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	249448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	399258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	358321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15091	5.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.420%#
35) Dibromofluoromethane	7.722	113	12843	5.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.040%#
50) Toluene-d8	10.179	98	46683	4.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.620%#
62) 4-Bromofluorobenzene	12.483	95	15480	4.801	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.600%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	9577	5.347	ug/l	96
3) Chloromethane	2.113	50	16045	5.909	ug/l	97
4) Vinyl Chloride	2.253	62	15309	5.646	ug/l	96
5) Bromomethane	2.656	94	14007	5.826	ug/l	96
6) Chloroethane	2.802	64	10956	5.879	ug/l	95
7) Trichlorofluoromethane	3.125	101	21752	5.512	ug/l	98
8) Diethyl Ether	3.534	74	7325	5.548	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	12620	5.464	ug/l #	85
10) Methyl Iodide	4.094	142	12315	4.854	ug/l	98
11) Tert butyl alcohol	4.978	59	6413	27.318	ug/l	99
12) 1,1-Dichloroethene	3.887	96	11634	5.558	ug/l #	79
13) Acrolein	3.735	56	10912	26.020	ug/l	99
14) Allyl chloride	4.485	41	21531	5.221	ug/l	95
15) Acrylonitrile	5.174	53	19961	25.778	ug/l	99
16) Acetone	3.948	43	23614	27.010	ug/l	93
17) Carbon Disulfide	4.198	76	37115	6.170	ug/l	99
18) Methyl Acetate	4.485	43	17211	5.647	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	31236	4.918	ug/l	97
20) Methylene Chloride	4.722	84	27196	4.766	ug/l #	96
21) trans-1,2-Dichloroethene	5.222	96	12797	5.429	ug/l	97
22) Diisopropyl ether	6.119	45	43501	4.959	ug/l #	91
23) Vinyl Acetate	6.064	43	117728	23.194	ug/l	97
24) 1,1-Dichloroethane	6.021	63	25970	5.416	ug/l	99
25) 2-Butanone	6.990	43	28225	24.835	ug/l	98
26) 2,2-Dichloropropane	6.990	77	21654	5.287	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	14894	5.363	ug/l	97
28) Bromochloromethane	7.338	49	9270	5.525	ug/l	97
29) Tetrahydrofuran	7.350	42	16590	24.396	ug/l	99
30) Chloroform	7.509	83	26711	5.528	ug/l	94
31) Cyclohexane	7.789	56	25291	6.087	ug/l #	77
32) 1,1,1-Trichloroethane	7.704	97	21483	5.209	ug/l	95
36) 1,1-Dichloropropene	7.923	75	19502	5.513	ug/l	99
37) Ethyl Acetate	7.076	43	12254	5.036	ug/l #	90
38) Carbon Tetrachloride	7.899	117	20118	5.391	ug/l	94
39) Methylcyclohexane	9.185	83	20723	5.154	ug/l	98
40) Benzene	8.161	78	56457	5.492	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	16188	13.790	ug/l #	31
42) 1,2-Dichloroethane	8.240	62	17898	5.389	ug/l	98
43) Isopropyl Acetate	8.277	43	21944	4.969	ug/l	99
44) Trichloroethene	8.941	130	14850	5.526	ug/l	95
45) 1,2-Dichloropropane	9.216	63	14966	5.298	ug/l	99
46) Dibromomethane	9.307	93	8682	5.488	ug/l	96
47) Bromodichloromethane	9.502	83	19664	5.248	ug/l	95
48) Methyl methacrylate	9.301	41	9235	4.552	ug/l	95
49) 1,4-Dioxane	9.313	88	1982	102.075	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	59022	23.998	ug/l	99
52) Toluene	10.246	92	31933	5.124	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	20150	5.216	ug/l	92
54) cis-1,3-Dichloropropene	9.929	75	22290	5.171	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	11258	5.232	ug/l	92
56) Ethyl methacrylate	10.514	69	12763	4.445	ug/l	93
57) 1,3-Dichloropropane	10.794	76	19428	5.248	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	27859	26.778	ug/l	96
59) 2-Hexanone	10.837	43	40143	22.962	ug/l	98
60) Dibromochloromethane	10.983	129	13506	5.180	ug/l	100
61) 1,2-Dibromoethane	11.087	107	10096	4.976	ug/l	92
64) Tetrachloroethene	10.721	164	12701	5.588	ug/l	96
65) Chlorobenzene	11.520	112	36785	5.424	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	13987	5.308	ug/l	99
67) Ethyl Benzene	11.593	91	60290	5.003	ug/l	96
68) m/p-Xylenes	11.709	106	44632	9.888	ug/l	99
69) o-Xylene	12.032	106	21210	4.939	ug/l	96
70) Styrene	12.050	104	34890	4.784	ug/l	99
71) Bromoform	12.209	173	8549	4.910	ug/l #	99
73) Isopropylbenzene	12.331	105	55784	4.877	ug/l	100
74) N-amyl acetate	12.148	43	17905	4.613	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	13774	5.084	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	17128	8.398	ug/l #	100
77) Bromobenzene	12.611	156	14450	5.237	ug/l	98
78) n-propylbenzene	12.672	91	68717	4.877	ug/l	98
79) 2-Chlorotoluene	12.758	91	39936	5.023	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	44666	4.789	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	4173	4.544	ug/l	97
82) 4-Chlorotoluene	12.855	91	42512	5.133	ug/l	99
83) tert-Butylbenzene	13.075	119	37493	4.617	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	43589	4.769	ug/l	99
85) sec-Butylbenzene	13.257	105	59657	4.868	ug/l	100
86) p-Isopropyltoluene	13.373	119	47380	4.788	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	28109	5.233	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	29545	5.471	ug/l	94
89) n-Butylbenzene	13.696	91	47725	4.920	ug/l	99
90) Hexachloroethane	13.965	117	10914	5.220	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	24885	5.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2188	4.984	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	13969	4.922	ug/l	97
94) Hexachlorobutadiene	15.117	225	9520	5.399	ug/l	94
95) Naphthalene	15.239	128	25252	4.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	12946	5.070	ug/l	98

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

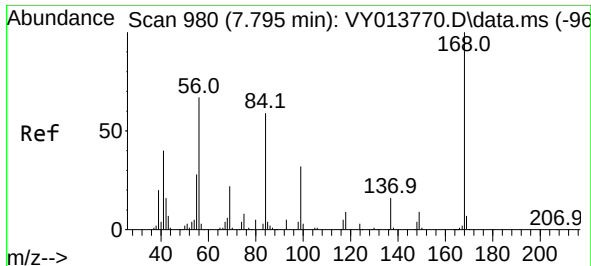
Quant Time: May 18 06:35:41 2023
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QLast Update : Thu May 18 06:33:28 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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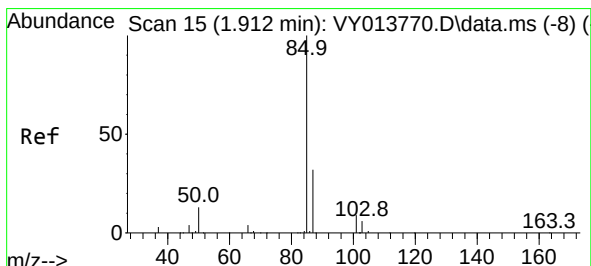
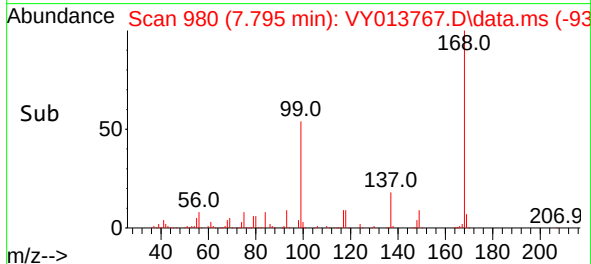
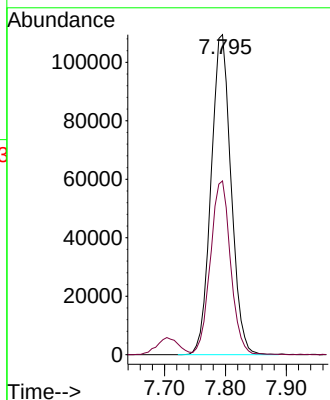
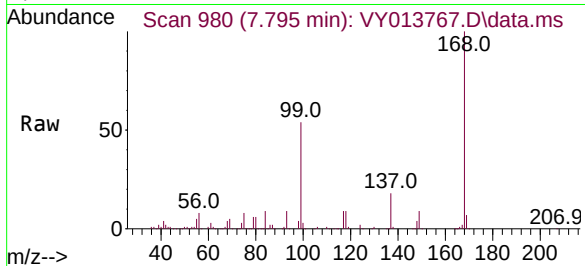




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013767.D
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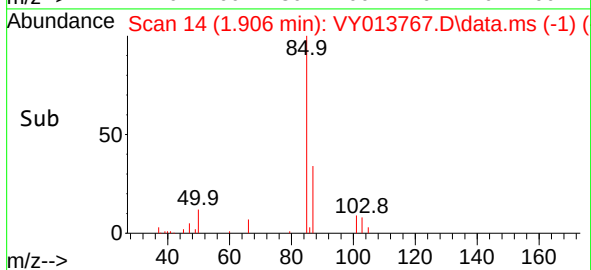
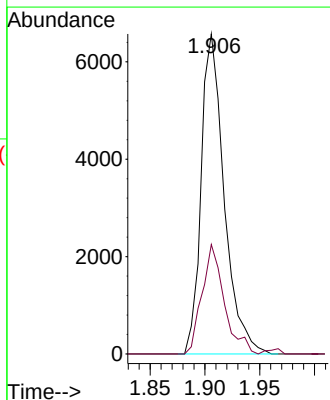
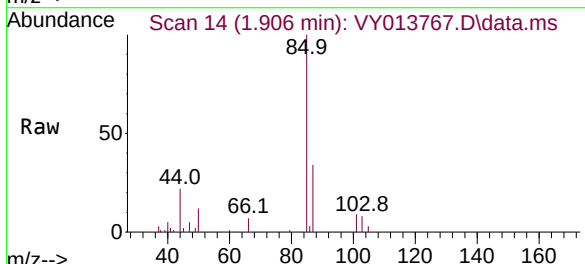
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

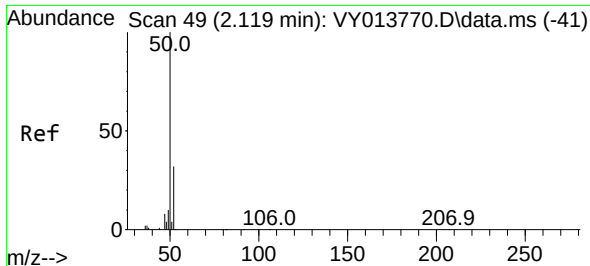
Tgt Ion:168 Resp: 249448
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 5.347 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 85 Resp: 9577
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2

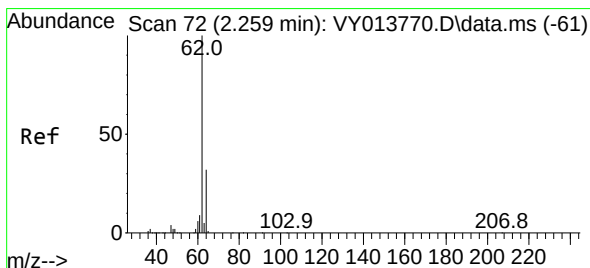
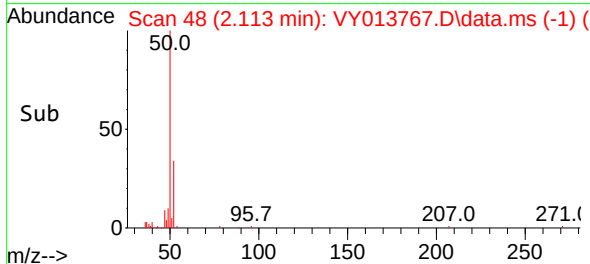
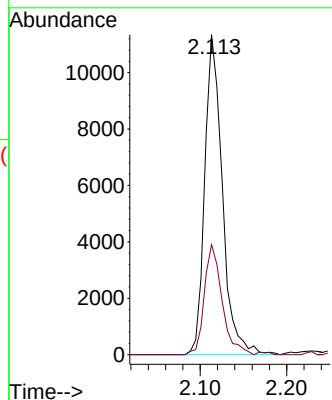
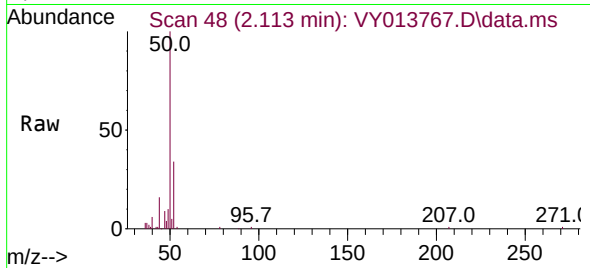




#3
Chloromethane
Concen: 5.909 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

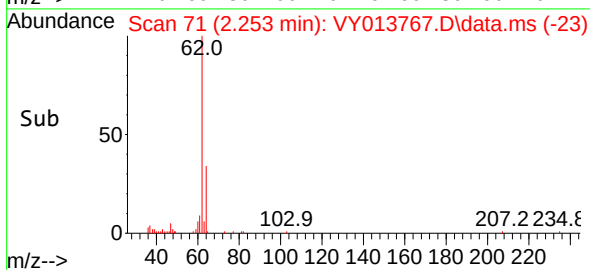
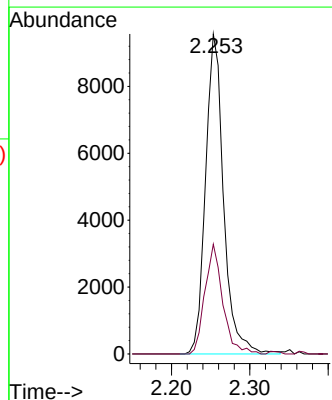
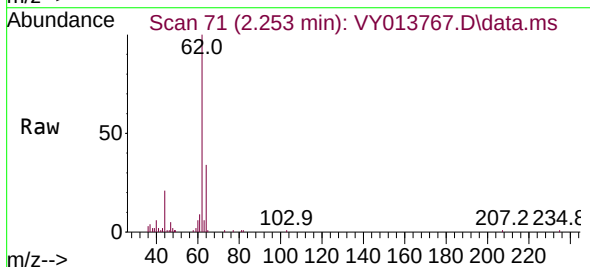
Instrument :
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ClientSampleId :
VSTDICC005

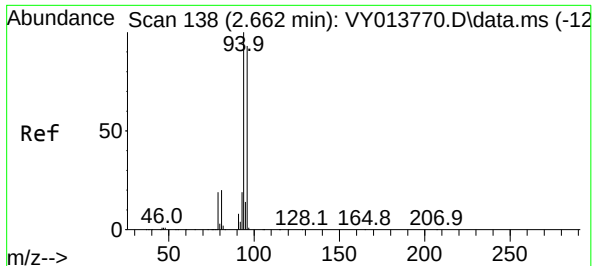
Tgt Ion: 50 Resp: 16045
Ion Ratio Lower Upper
50 100
52 34.4 26.0 39.0



#4
Vinyl Chloride
Concen: 5.646 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 62 Resp: 15309
Ion Ratio Lower Upper
62 100
64 34.3 25.8 38.6

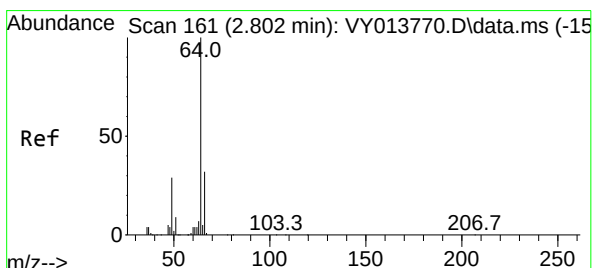
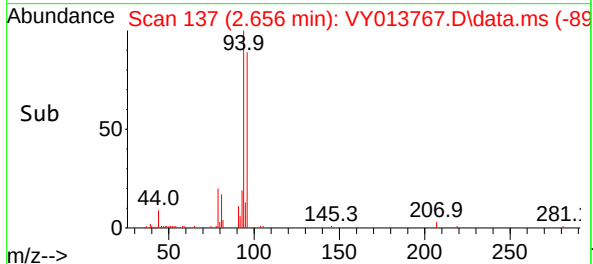
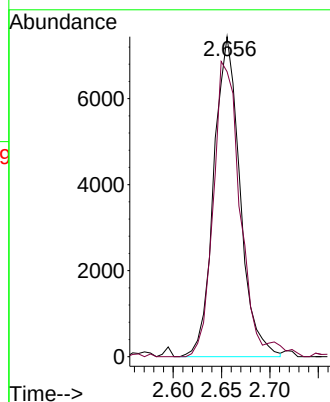
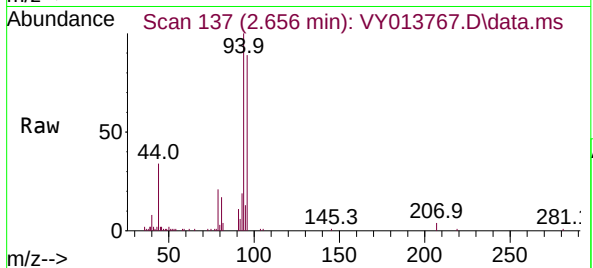




#5
Bromomethane
Concen: 5.826 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

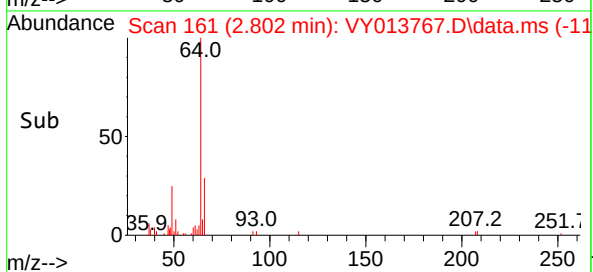
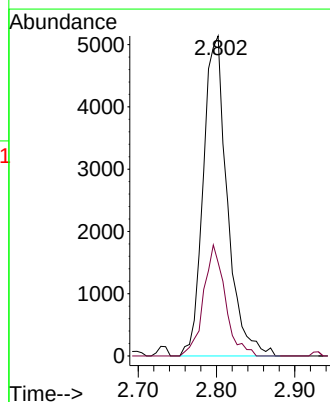
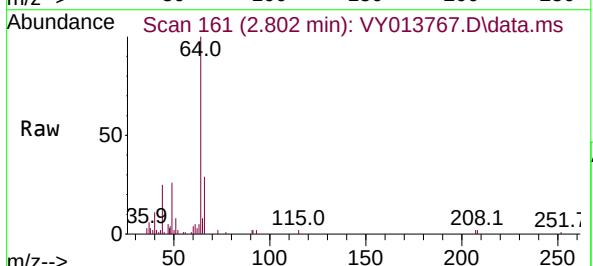
Instrument :
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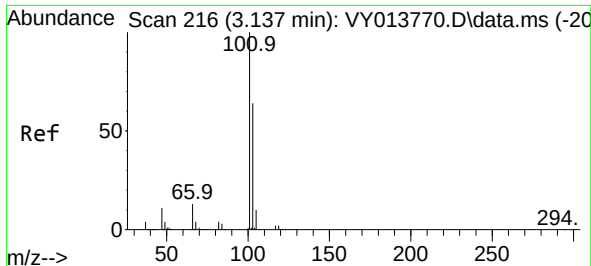
Tgt Ion: 94 Resp: 14007
Ion Ratio Lower Upper
94 100
96 89.1 74.2 111.4



#6
Chloroethane
Concen: 5.879 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 64 Resp: 10956
Ion Ratio Lower Upper
64 100
66 29.2 25.8 38.6

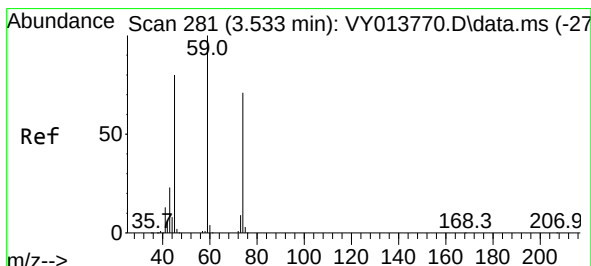
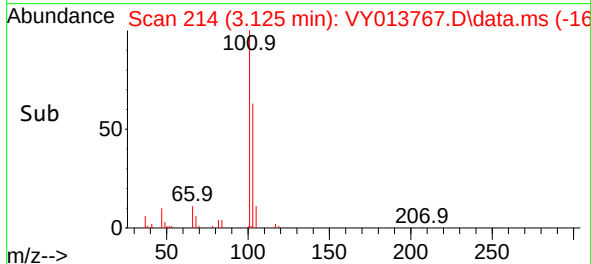
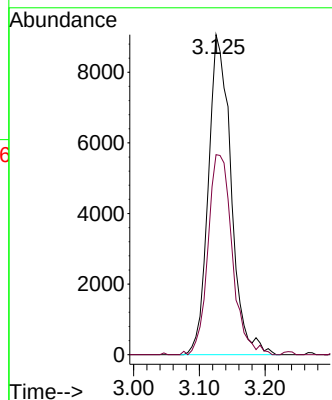
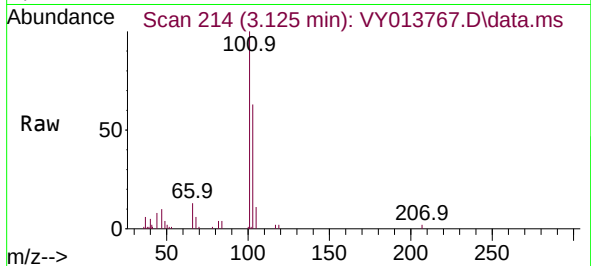




#7
Trichlorofluoromethane
Concen: 5.512 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

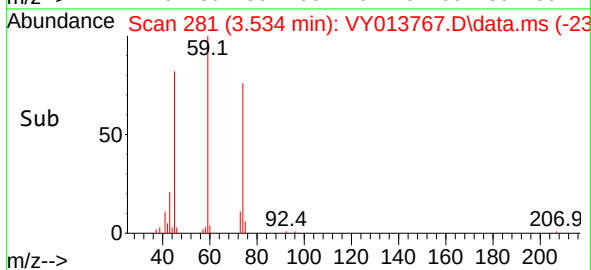
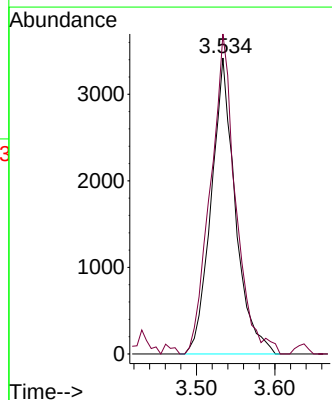
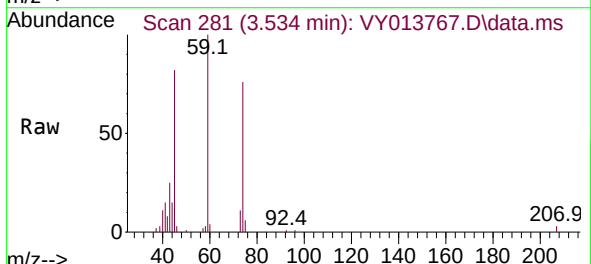
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ClientSampleId :
VSTDIC005

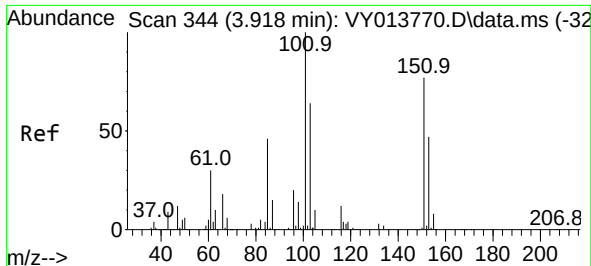
Tgt Ion:101 Resp: 21752
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.0



#8
Diethyl Ether
Concen: 5.548 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 74 Resp: 7325
Ion Ratio Lower Upper
74 100
45 113.3 56.1 168.3

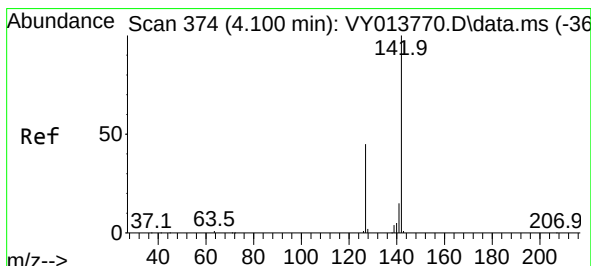
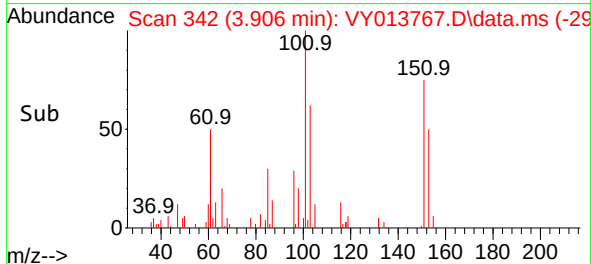
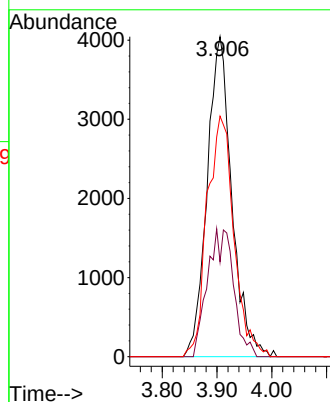
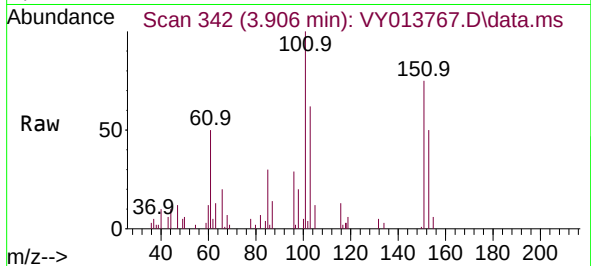




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.464 ug/l
RT: 3.906 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY013767.D
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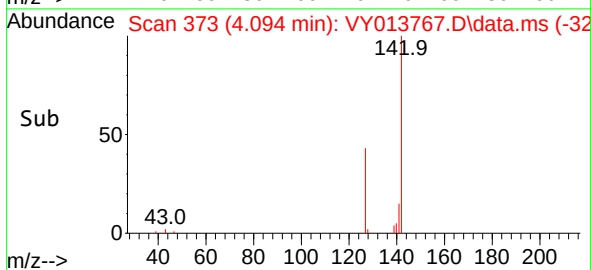
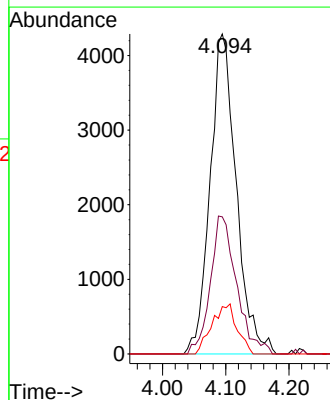
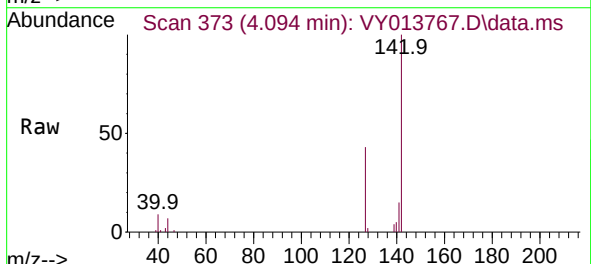
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

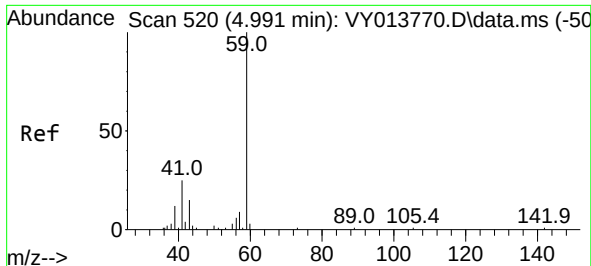
Tgt Ion:101 Resp: 12620
Ion Ratio Lower Upper
101 100
85 22.0 37.8 56.8#
151 81.5 64.2 96.2



#10
Methyl Iodide
Concen: 4.854 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion:142 Resp: 12315
Ion Ratio Lower Upper
142 100
127 43.2 35.4 53.2
141 14.9 11.5 17.3





#11

Tert butyl alcohol

Concen: 27.318 ug/l

RT: 4.978 min Scan# 518

Delta R.T. -0.012 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

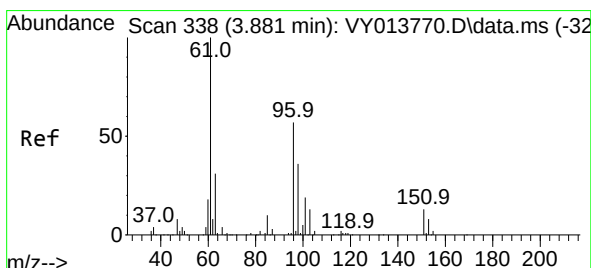
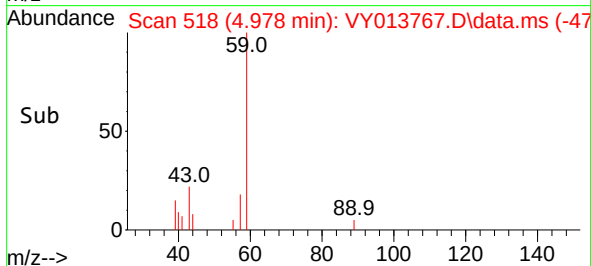
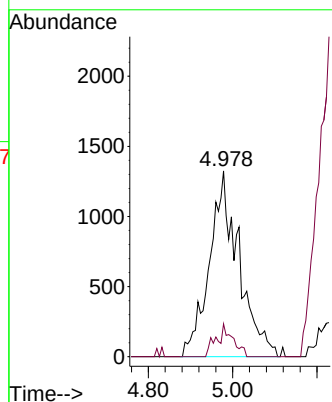
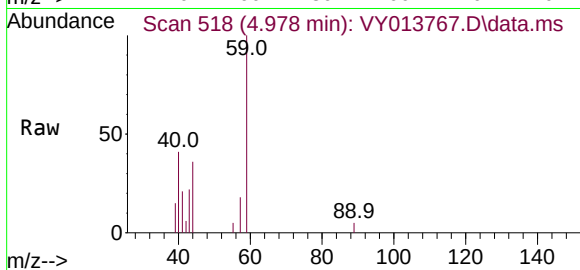
VSTDIC005

Tgt Ion: 59 Resp: 6413

Ion Ratio Lower Upper

59 100

57 9.8 8.0 12.0



#12

1,1-Dichloroethene

Concen: 5.558 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

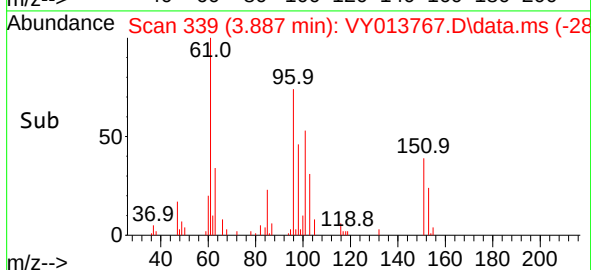
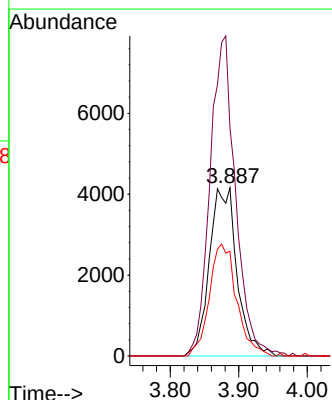
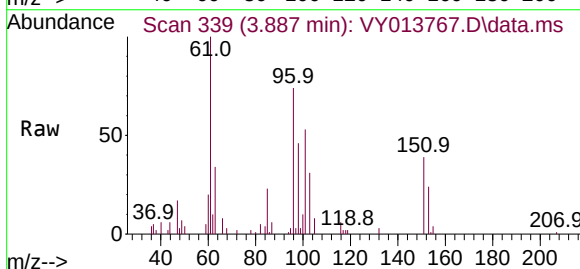
Tgt Ion: 96 Resp: 11634

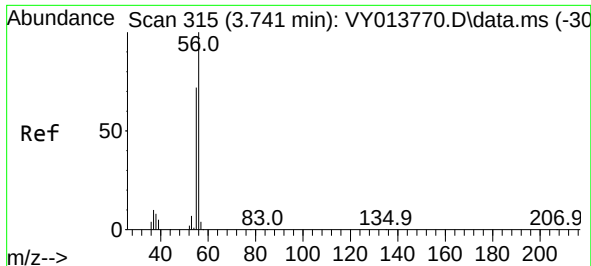
Ion Ratio Lower Upper

96 100

61 135.7 139.8 209.6#

98 62.2 49.7 74.5





#13

Acrolein

Concen: 26.020 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

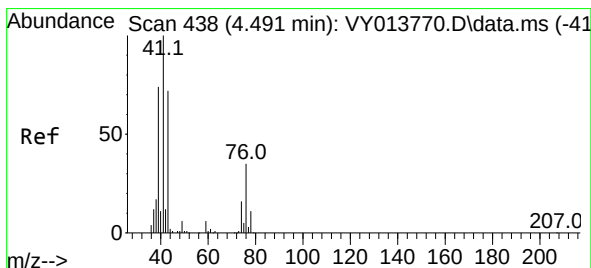
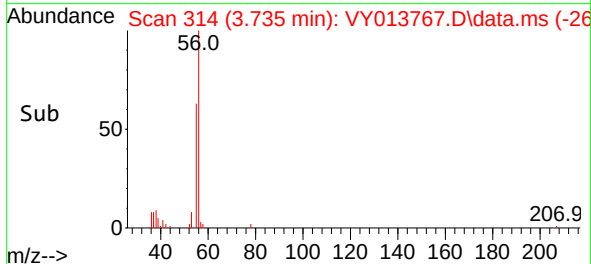
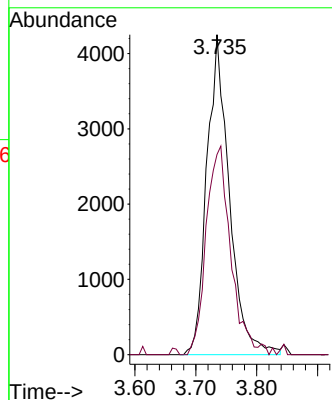
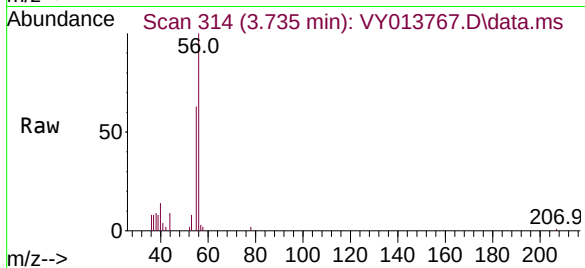
VSTDICC005

Tgt Ion: 56 Resp: 10912

Ion Ratio Lower Upper

56 100

55 71.4 57.5 86.3



#14

Allyl chloride

Concen: 5.221 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

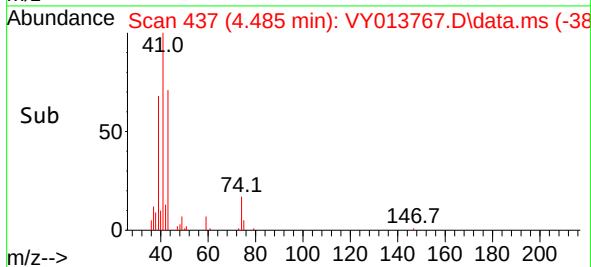
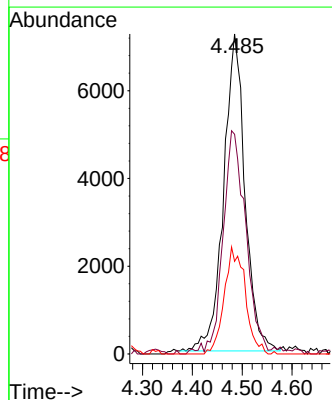
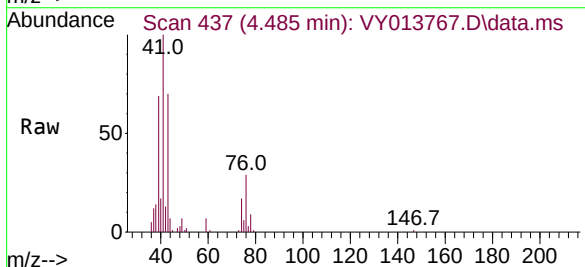
Tgt Ion: 41 Resp: 21531

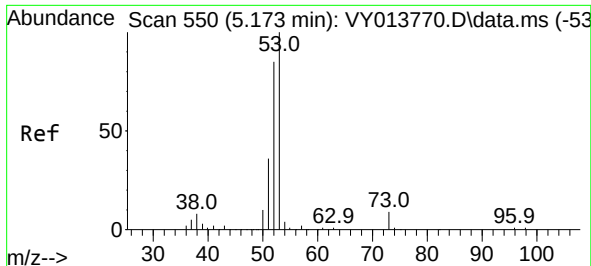
Ion Ratio Lower Upper

41 100

39 75.3 55.8 83.6

76 33.1 26.2 39.2





#15

Acrylonitrile

Concen: 25.778 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

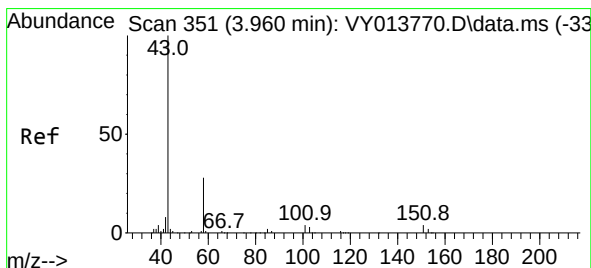
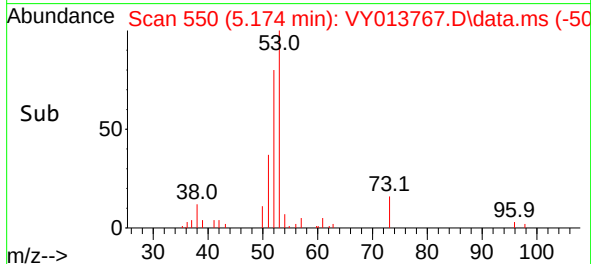
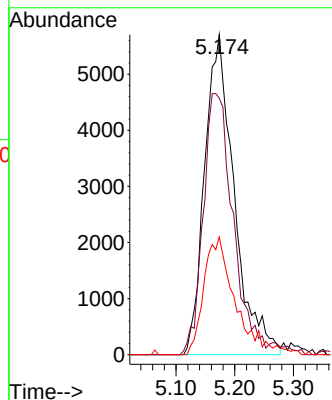
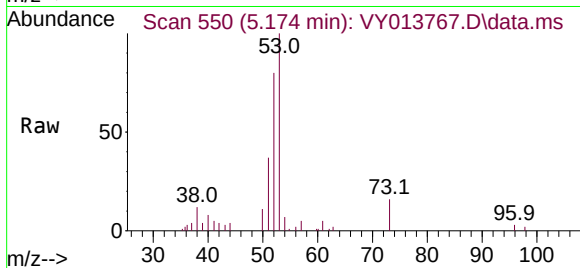
Tgt Ion: 53 Resp: 19961

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

51 39.1 30.1 45.1



#16

Acetone

Concen: 27.010 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY013767.D

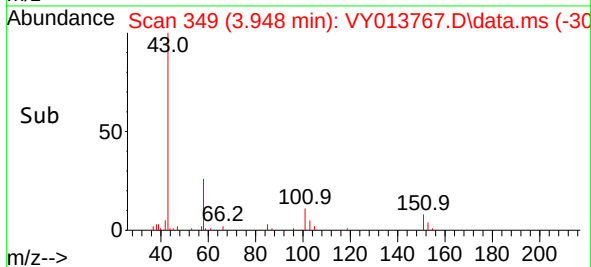
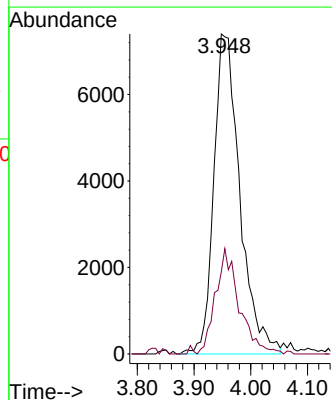
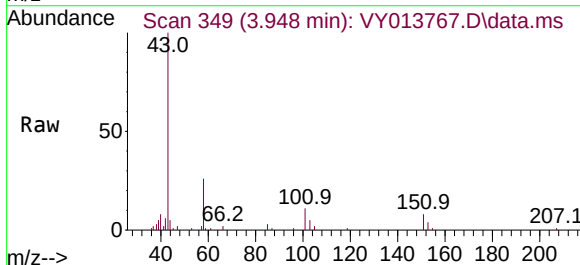
Acq: 17 May 2023 10:14

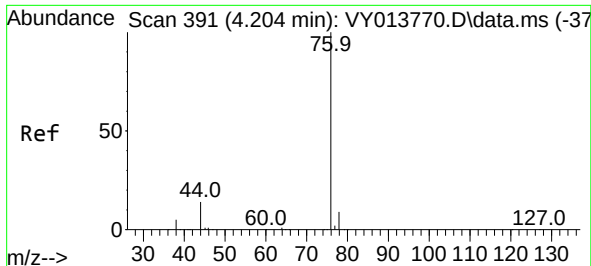
Tgt Ion: 43 Resp: 23614

Ion Ratio Lower Upper

43 100

58 25.7 23.7 35.5

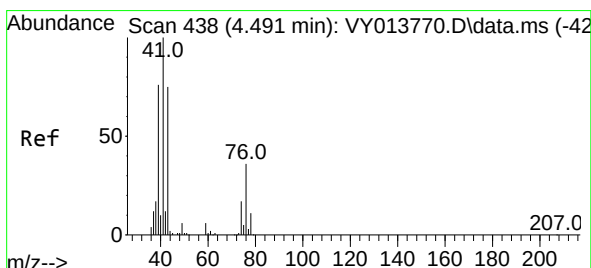
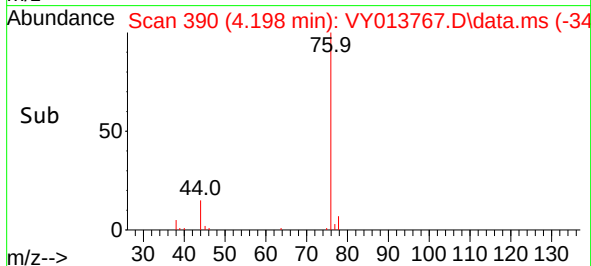
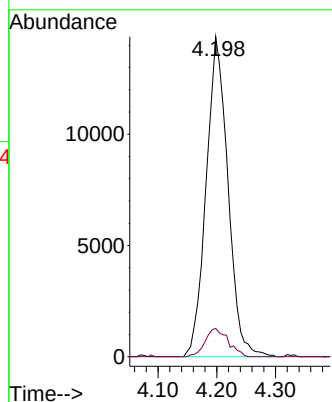
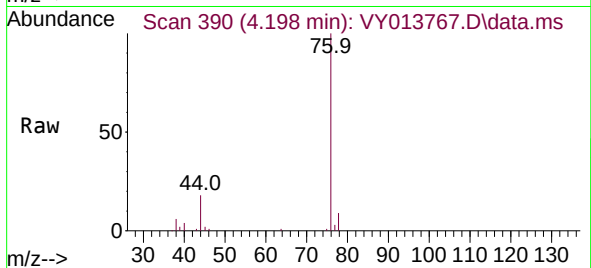




#17
Carbon Disulfide
Concen: 6.170 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

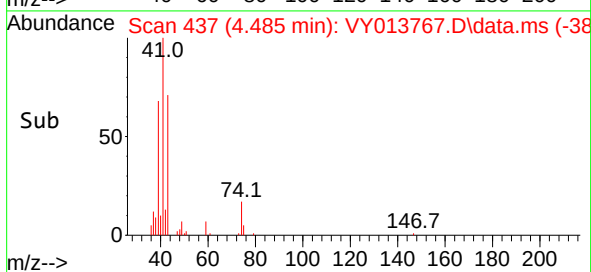
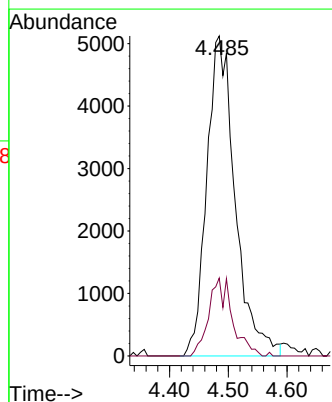
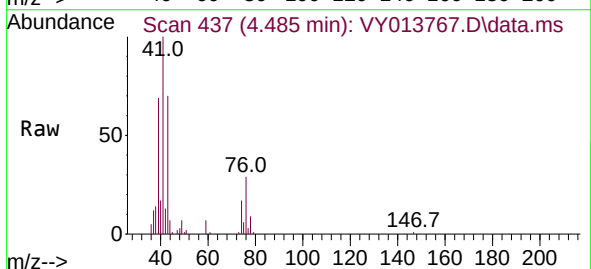
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

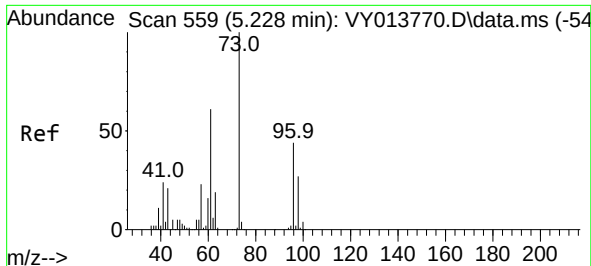
Tgt Ion: 76 Resp: 37115
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 5.647 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 43 Resp: 17211
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 4.918 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

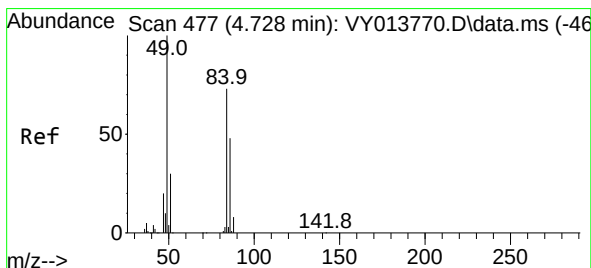
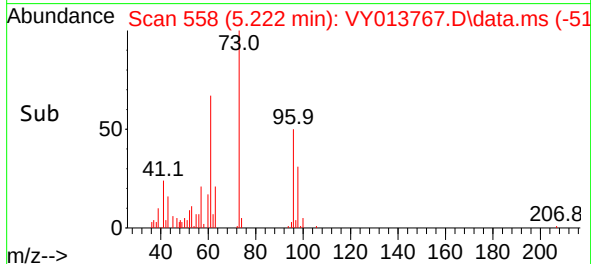
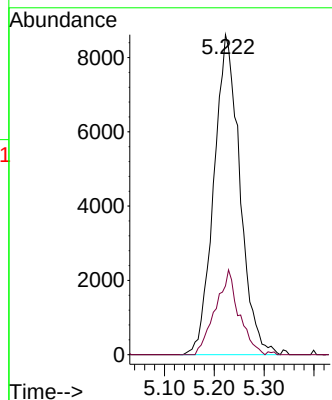
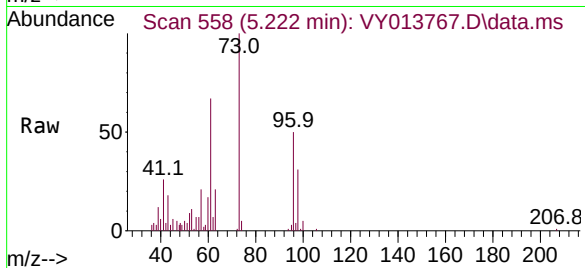
VSTDICC005

Tgt Ion: 73 Resp: 31236

Ion Ratio Lower Upper

73 100

57 21.5 18.6 27.8



#20

Methylene Chloride

Concen: 4.766 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Tgt Ion: 84 Resp: 27196

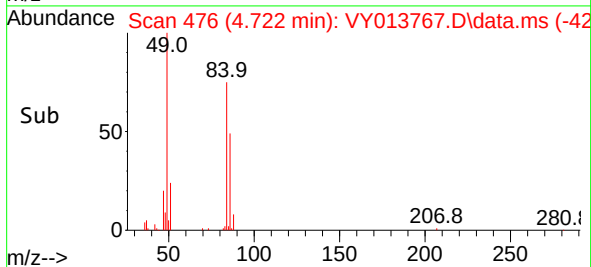
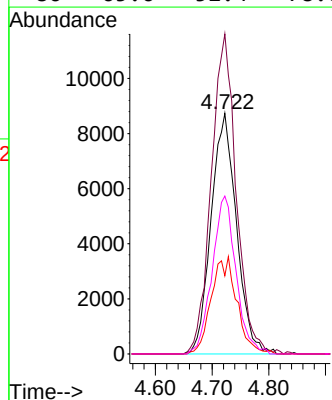
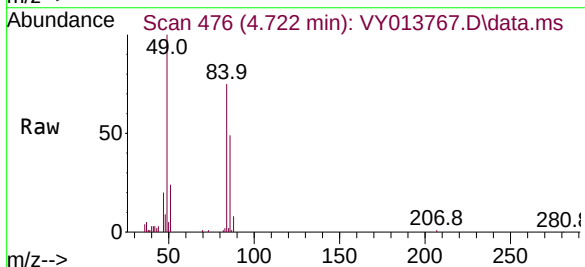
Ion Ratio Lower Upper

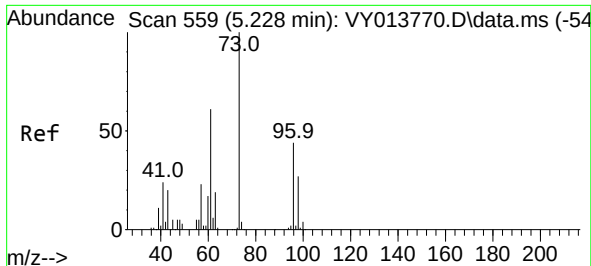
84 100

49 133.0 109.4 164.0

51 32.5 32.8 49.2#

86 65.6 52.4 78.6

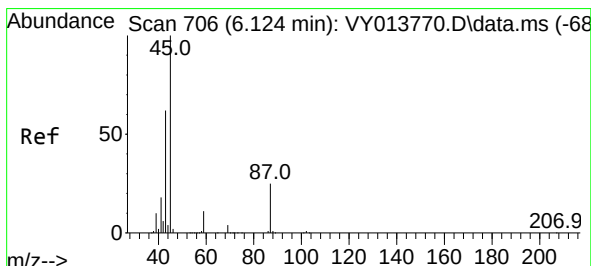
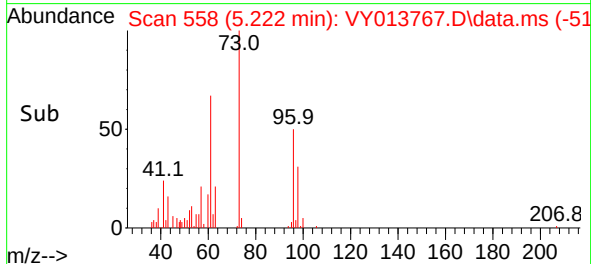
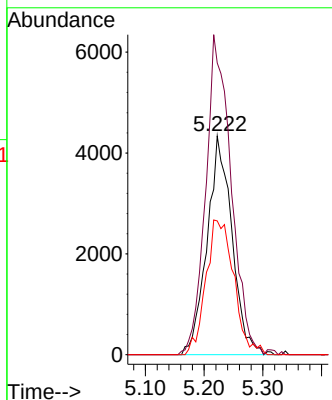
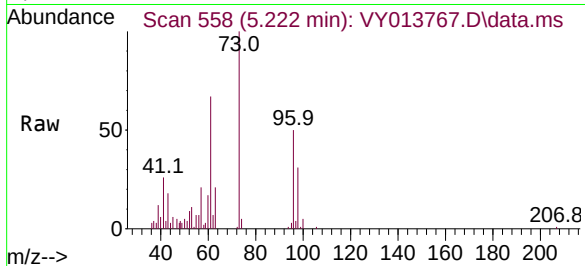




#21
trans-1,2-Dichloroethene
Concen: 5.429 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

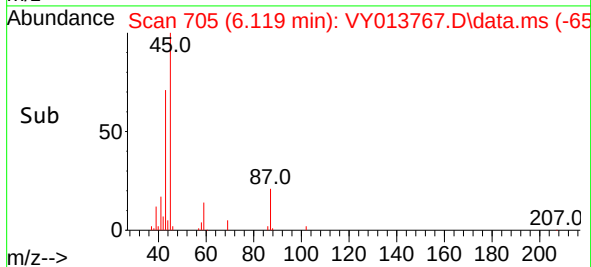
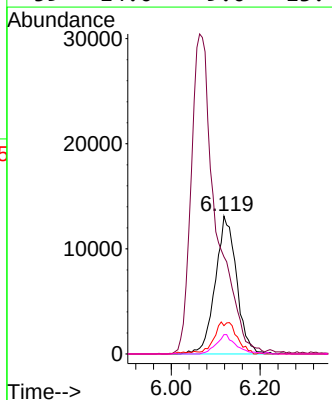
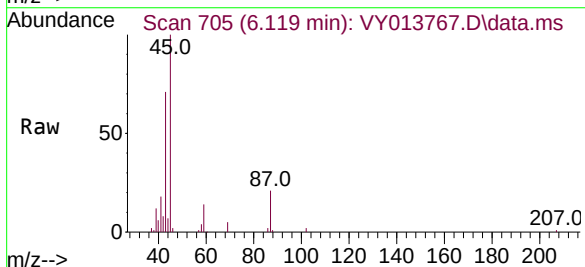
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

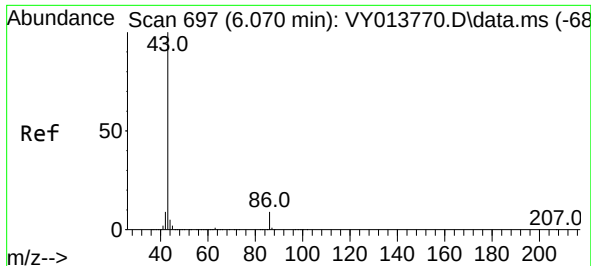
Tgt Ion: 96 Resp: 12797
Ion Ratio Lower Upper
96 100
61 133.4 110.8 166.2
98 61.2 48.6 72.8



#22
Diisopropyl ether
Concen: 4.959 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 45 Resp: 43501
Ion Ratio Lower Upper
45 100
43 69.1 49.7 74.5
87 20.5 19.9 29.9
59 14.0 9.0 13.4#

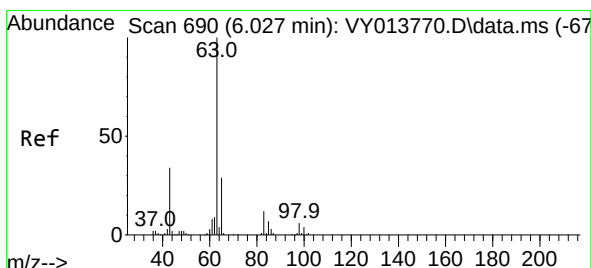
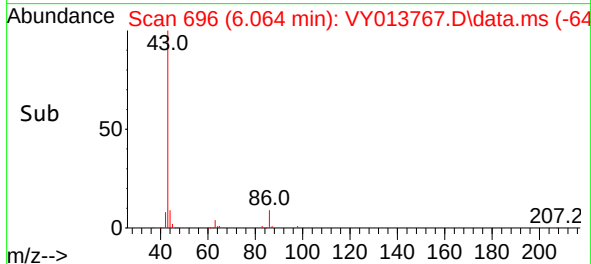
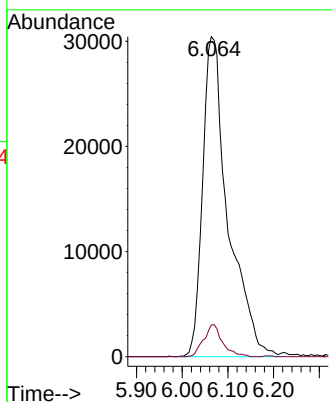
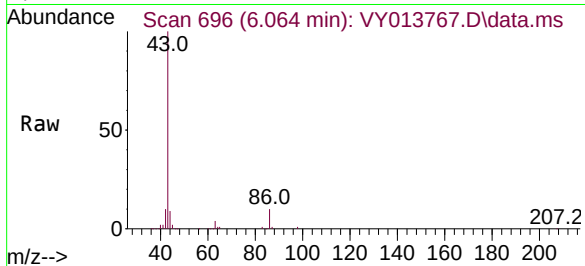




#23
 Vinyl Acetate
 Concen: 23.194 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013767.D
 Acq: 17 May 2023 10:14

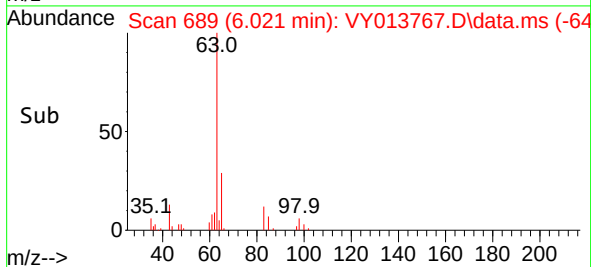
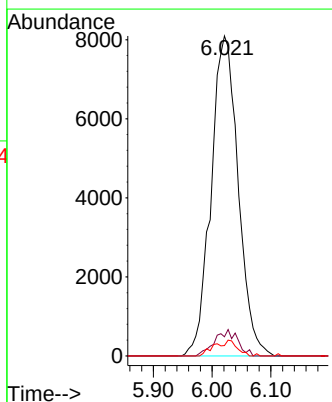
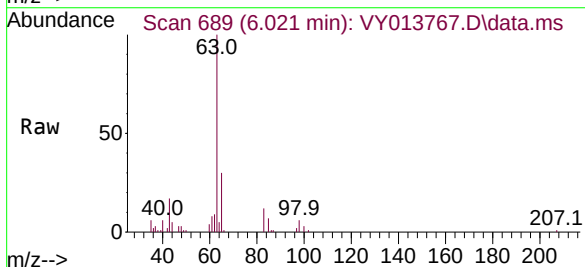
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

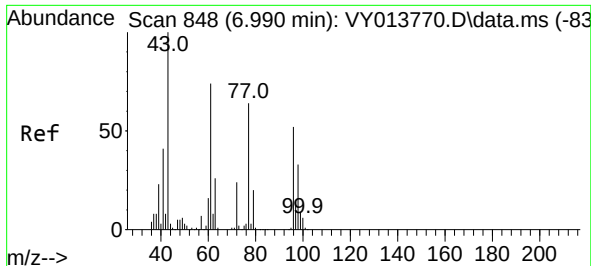
Tgt Ion: 43 Resp: 117728
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 5.416 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013767.D
 Acq: 17 May 2023 10:14

Tgt Ion: 63 Resp: 25970
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.0
 100 3.2 2.0 6.0

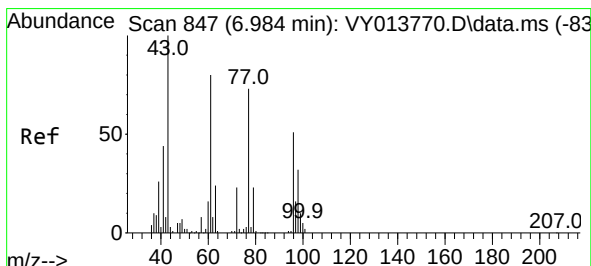
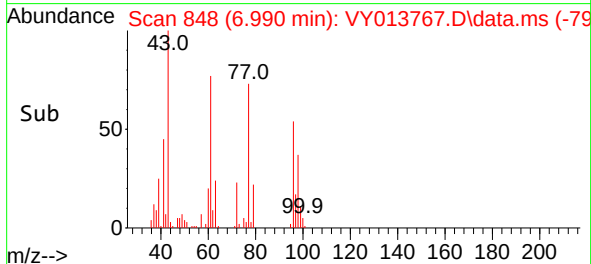
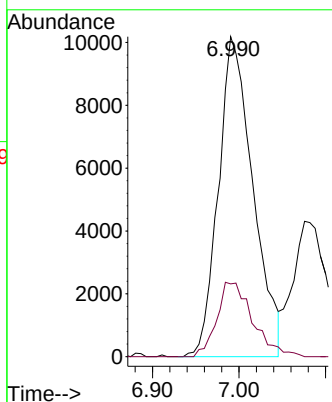
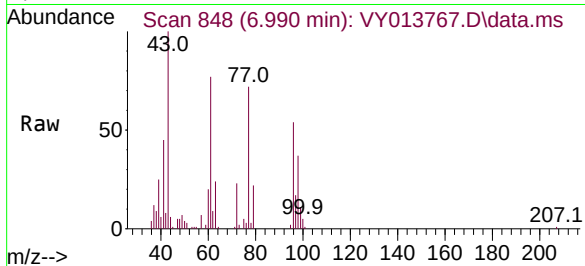




#25
2-Butanone
Concen: 24.835 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

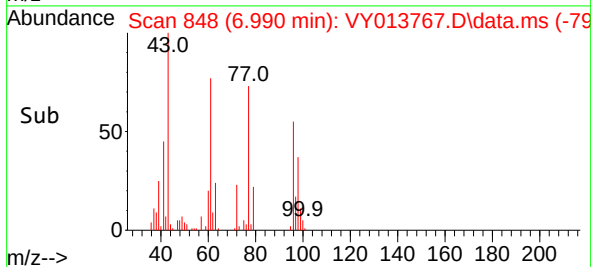
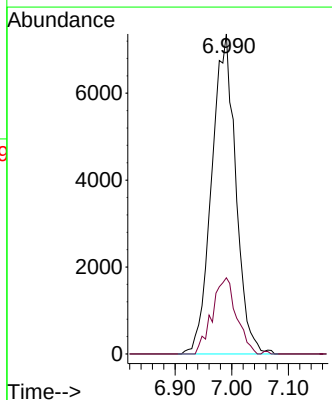
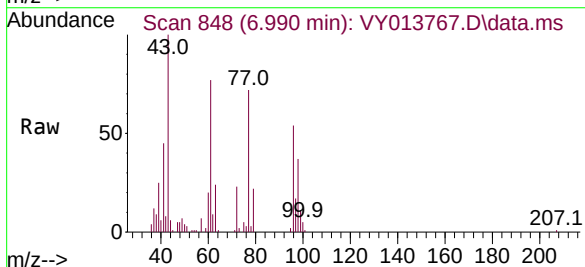
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

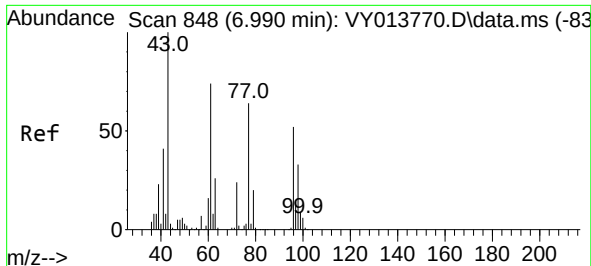
Tgt Ion: 43 Resp: 28225
Ion Ratio Lower Upper
43 100
72 22.8 19.0 28.6



#26
2,2-Dichloropropane
Concen: 5.287 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 77 Resp: 21654
Ion Ratio Lower Upper
77 100
97 24.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 5.363 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

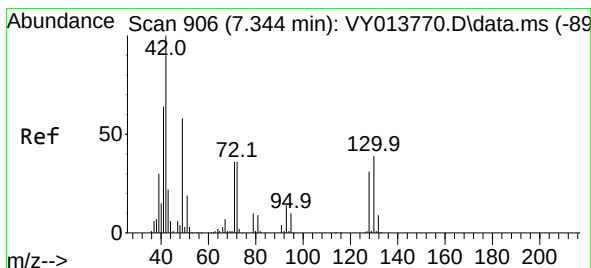
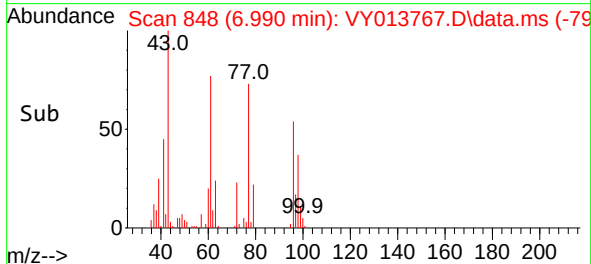
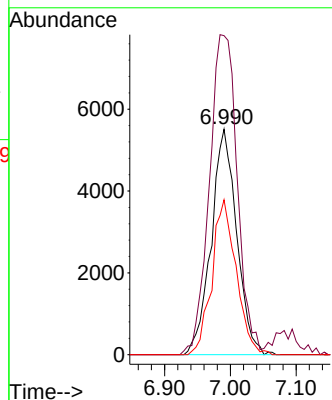
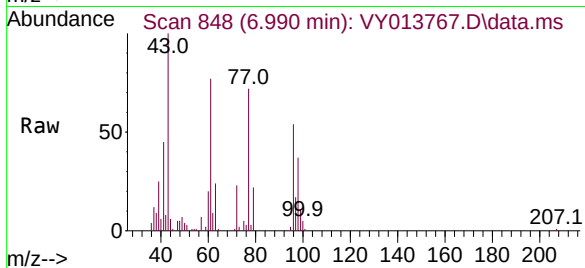
Tgt Ion: 96 Resp: 14894

Ion Ratio Lower Upper

96 100

61 155.3 0.0 300.6

98 65.3 0.0 127.8



#28

Bromochloromethane

Concen: 5.525 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

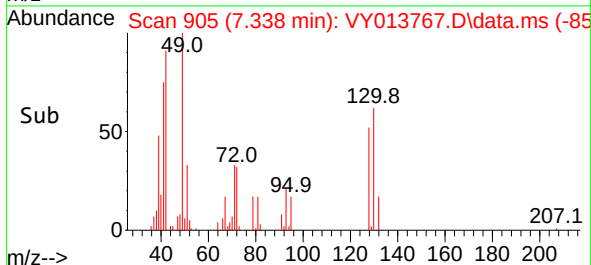
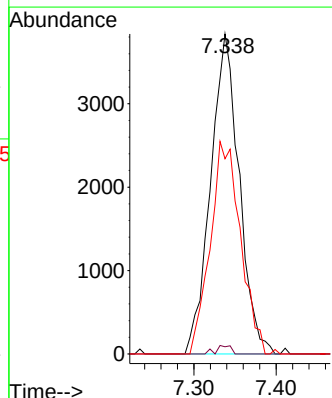
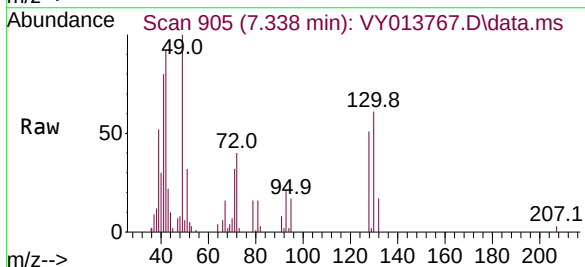
Tgt Ion: 49 Resp: 9270

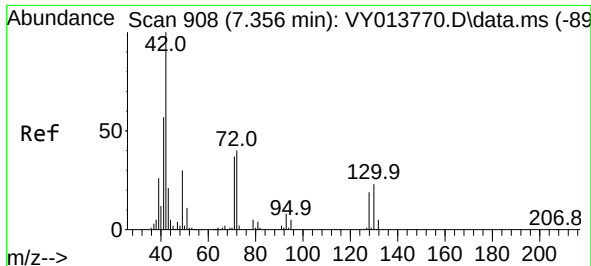
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.2

130 70.0 54.4 81.6





#29

Tetrahydrofuran

Concen: 24.396 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

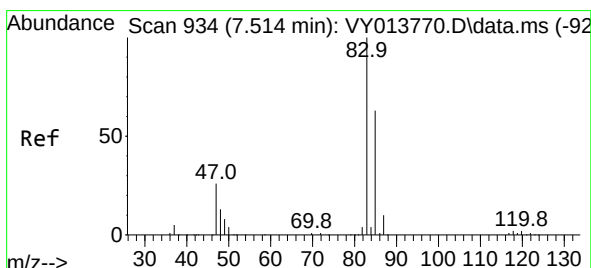
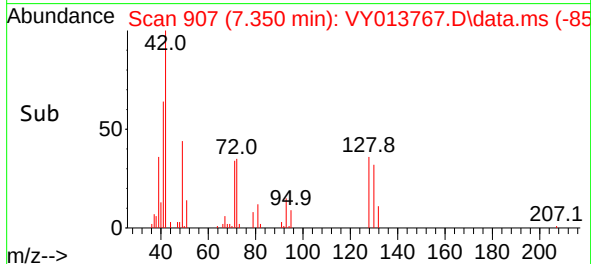
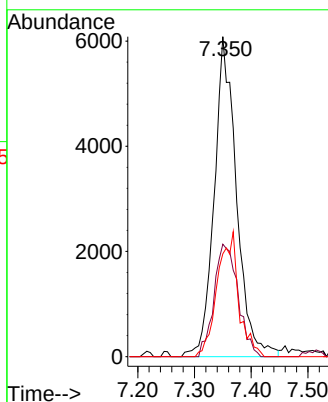
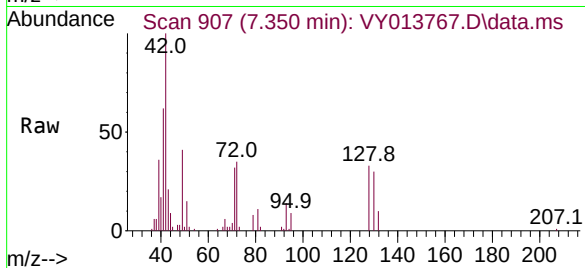
Tgt Ion: 42 Resp: 16590

Ion Ratio Lower Upper

42 100

72 37.8 30.7 46.1

71 37.1 29.0 43.6



#30

Chloroform

Concen: 5.528 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY013767.D

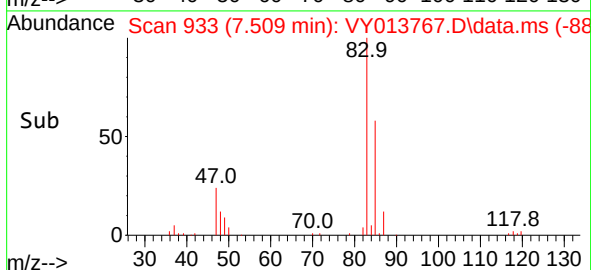
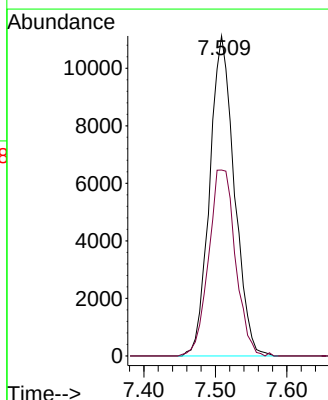
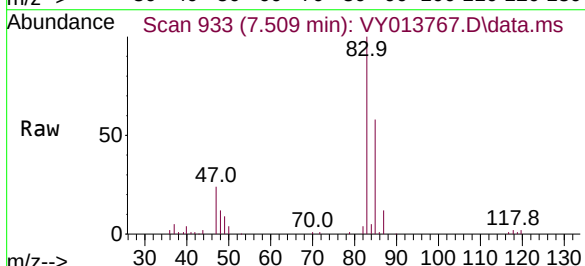
Acq: 17 May 2023 10:14

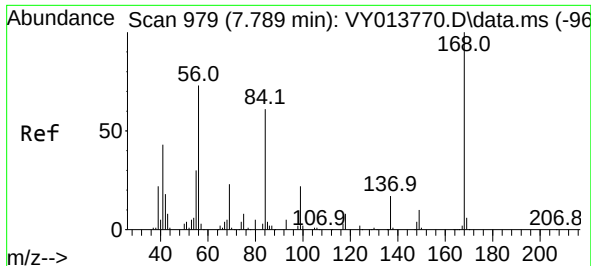
Tgt Ion: 83 Resp: 26711

Ion Ratio Lower Upper

83 100

85 58.1 50.5 75.7

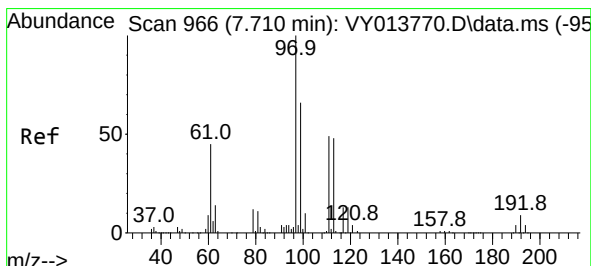
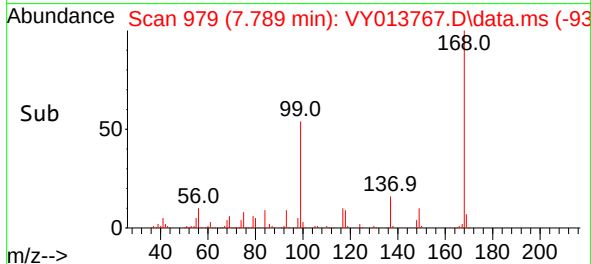
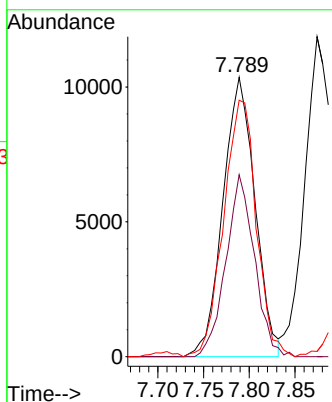
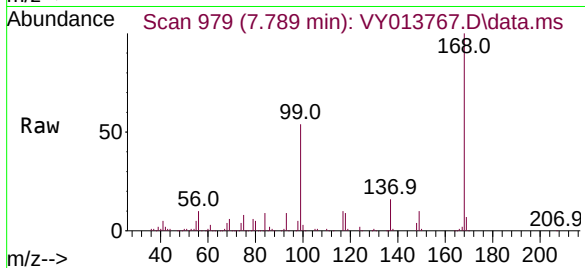




#31
Cyclohexane
Concen: 6.087 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

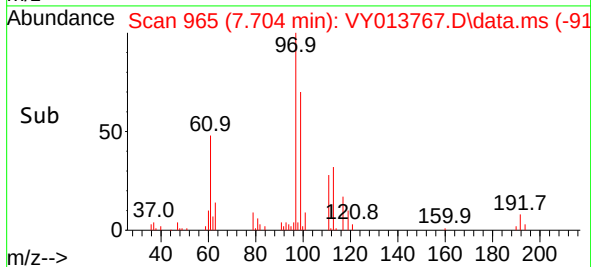
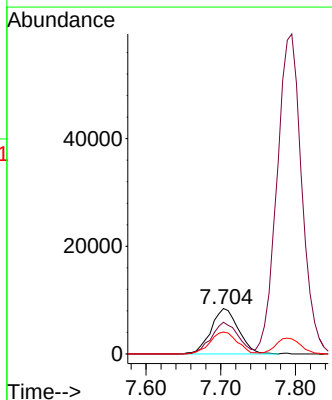
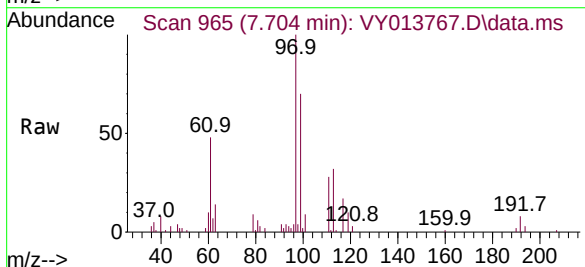
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

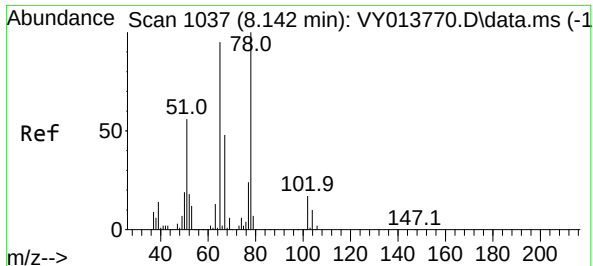
Tgt Ion: 56 Resp: 25291
Ion Ratio Lower Upper
56 100
69 65.1 25.8 38.6#
84 90.7 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 5.209 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 97 Resp: 21483
Ion Ratio Lower Upper
97 100
99 69.3 51.7 77.5
61 48.2 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 5.208 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

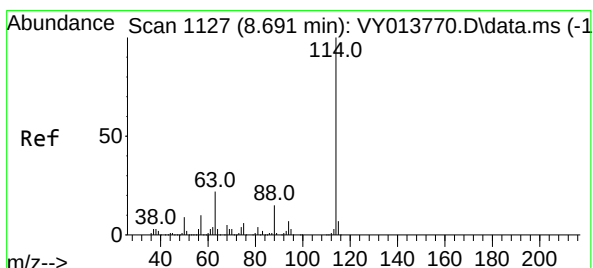
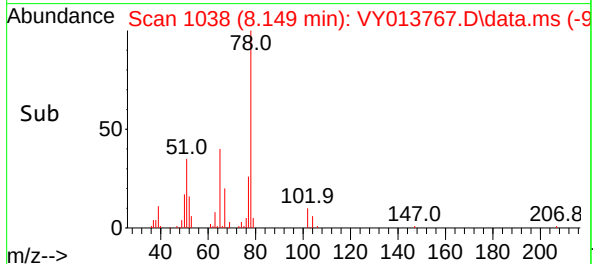
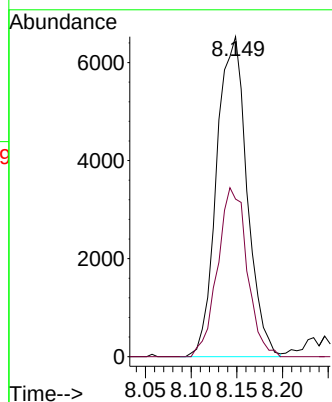
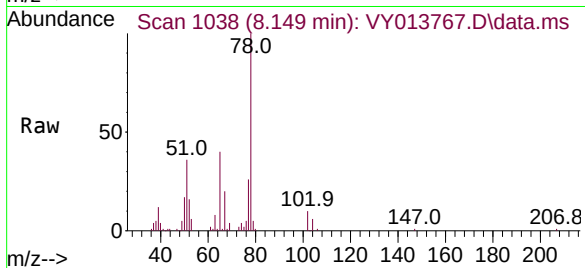
VSTDIC005

Tgt Ion: 65 Resp: 15091

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

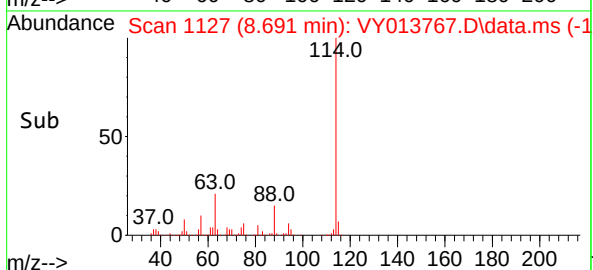
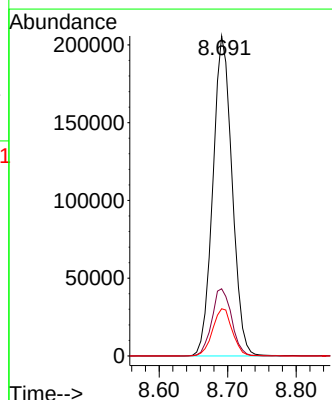
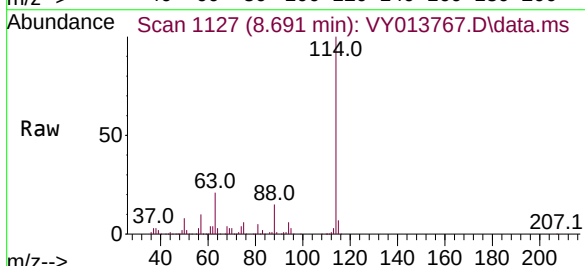
Tgt Ion: 114 Resp: 399258

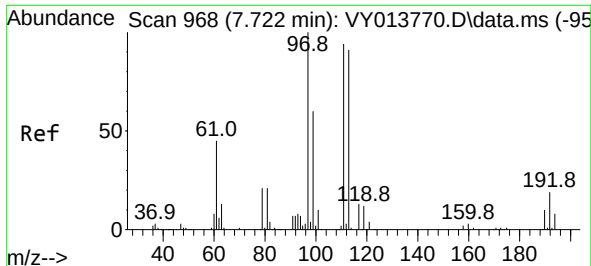
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 5.016 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

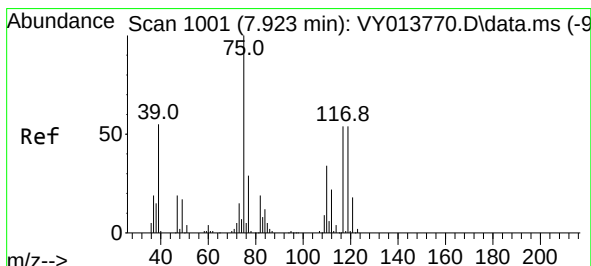
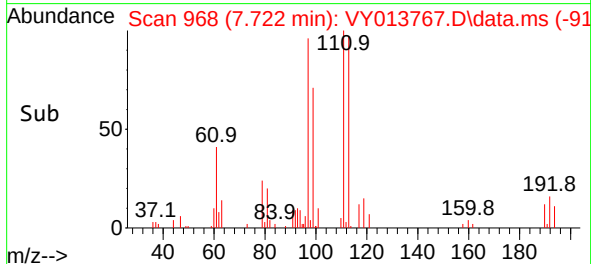
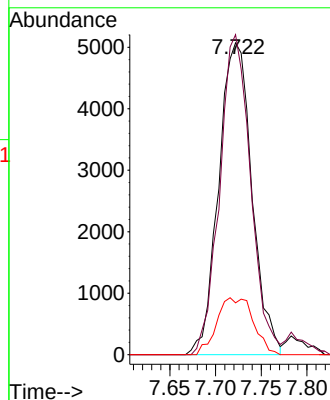
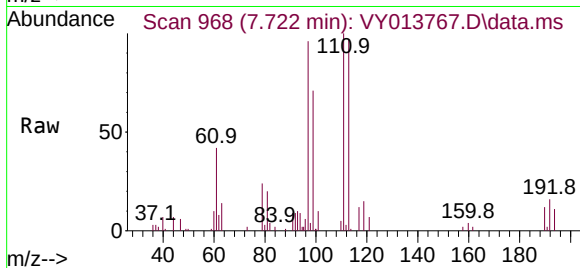
Tgt Ion:113 Resp: 12843

Ion Ratio Lower Upper

113 100

111 95.3 82.3 123.5

192 20.0 16.0 24.0



#36

1,1-Dichloropropene

Concen: 5.513 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

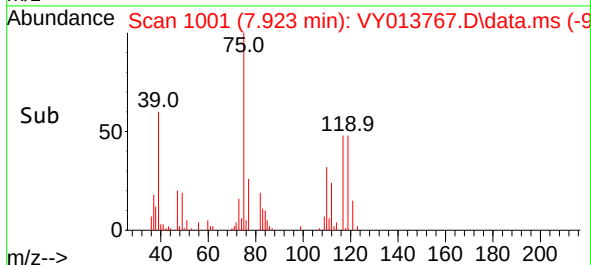
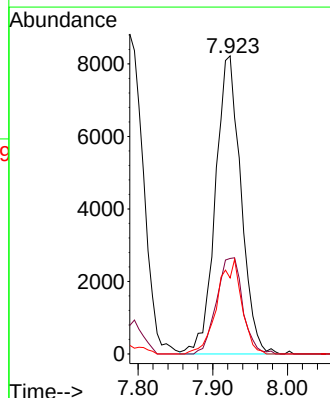
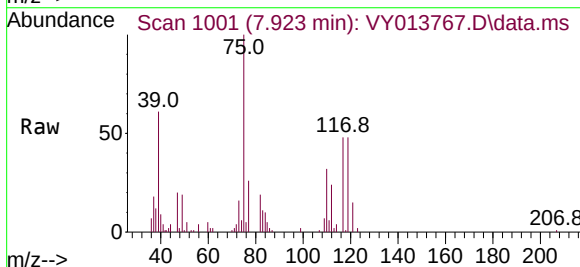
Tgt Ion: 75 Resp: 19502

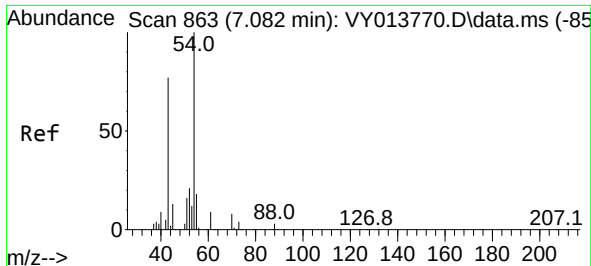
Ion Ratio Lower Upper

75 100

110 33.1 17.3 51.7

77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 5.036 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

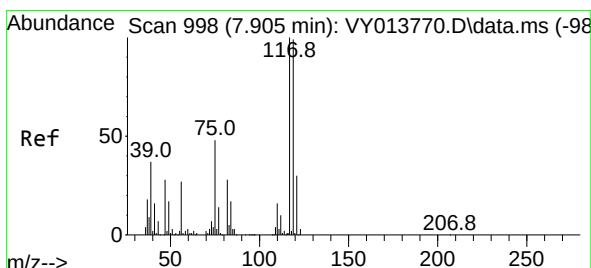
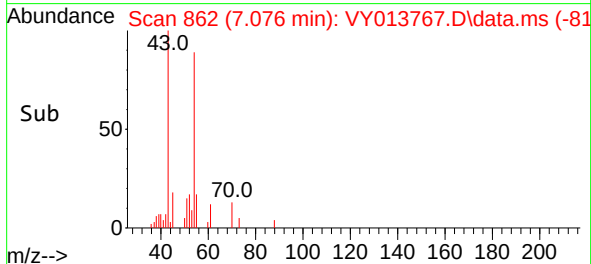
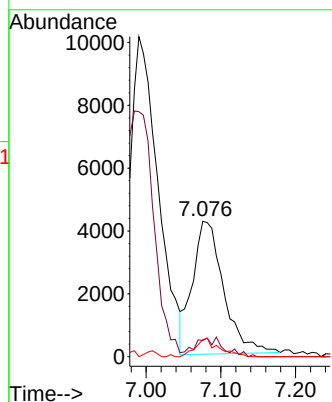
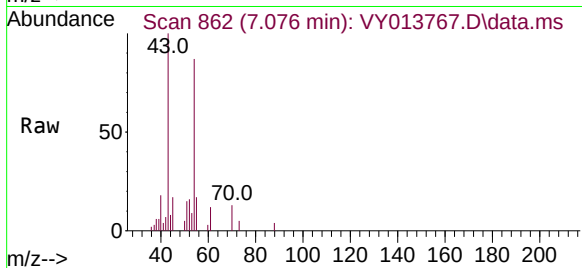
Tgt Ion: 43 Resp: 12254

Ion Ratio Lower Upper

43 100

61 8.2 10.7 16.1#

70 10.3 7.0 10.6



#38

Carbon Tetrachloride

Concen: 5.391 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

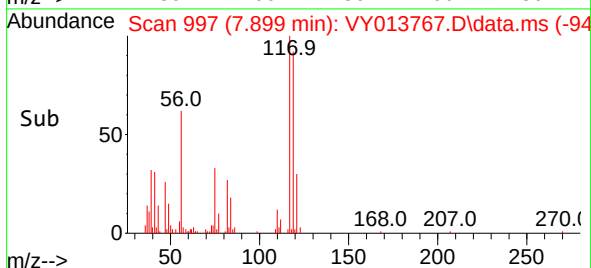
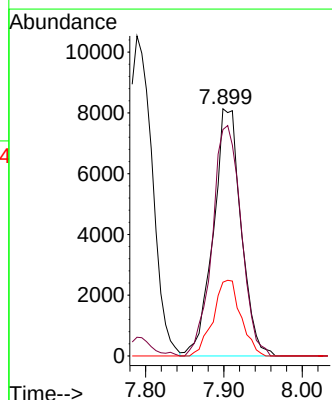
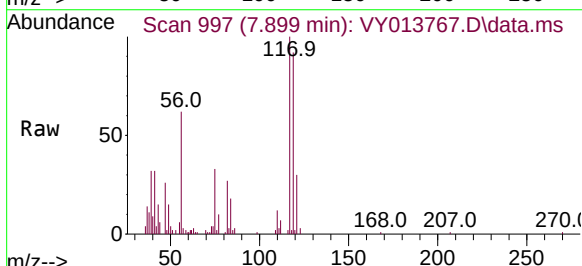
Tgt Ion: 117 Resp: 20118

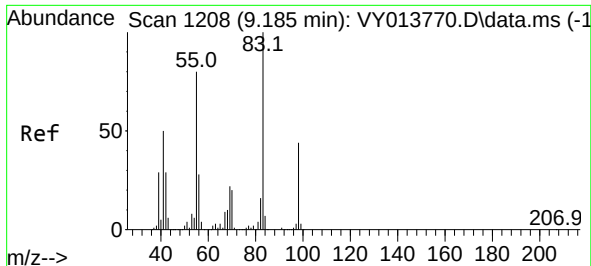
Ion Ratio Lower Upper

117 100

119 91.6 79.0 118.6

121 29.8 24.1 36.1

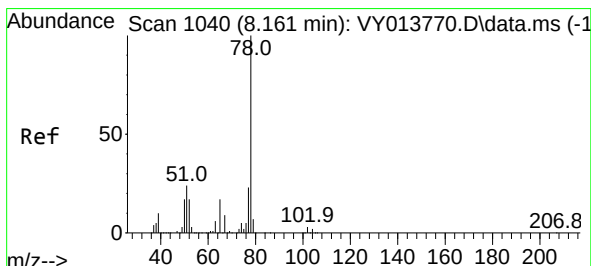
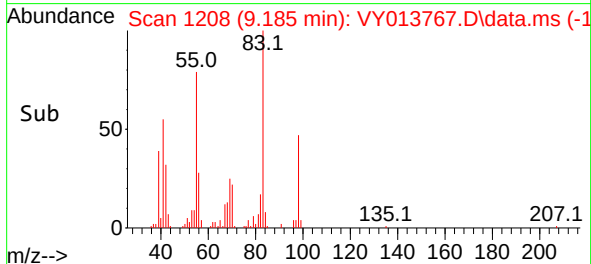
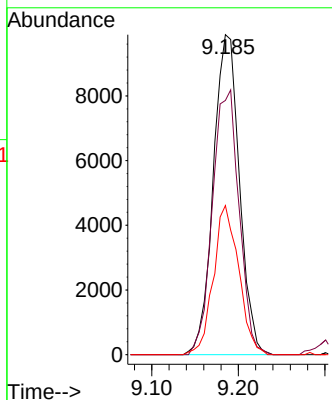
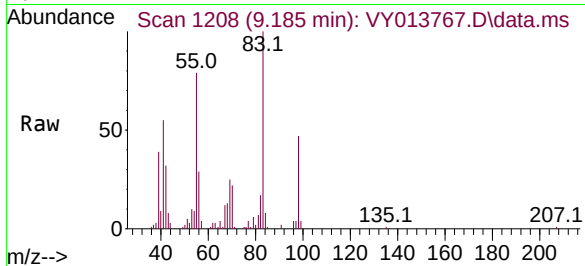




#39
Methylcyclohexane
Concen: 5.154 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

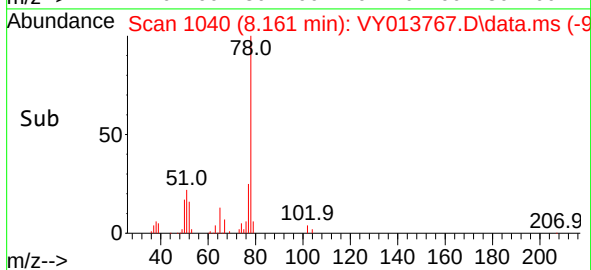
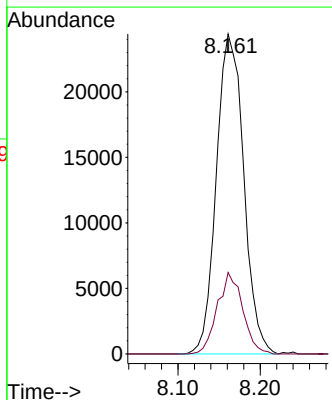
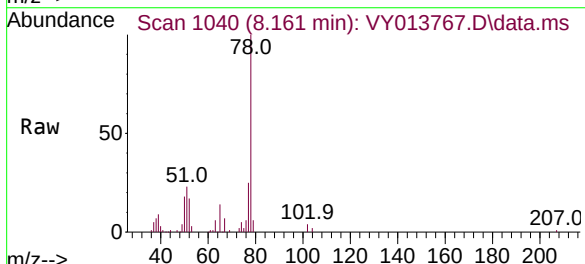
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

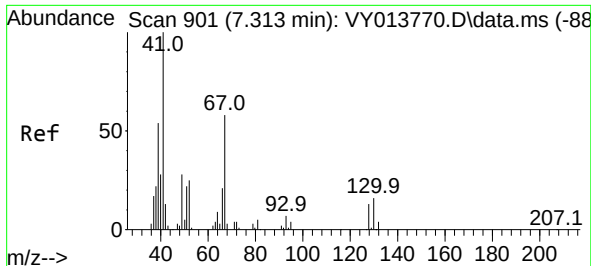
Tgt Ion: 83 Resp: 20723
Ion Ratio Lower Upper
83 100
55 79.4 63.7 95.5
98 46.6 35.0 52.6



#40
Benzene
Concen: 5.492 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 78 Resp: 56457
Ion Ratio Lower Upper
78 100
77 25.5 18.6 27.8

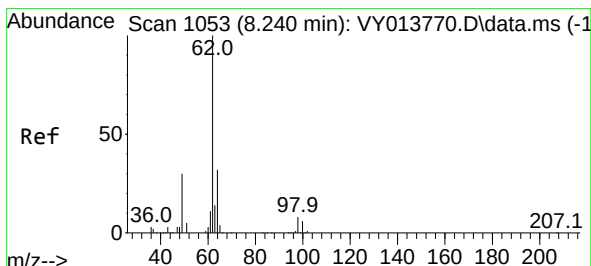
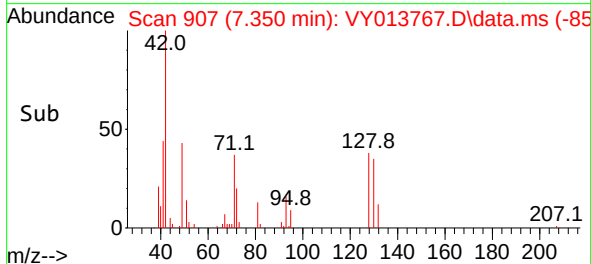
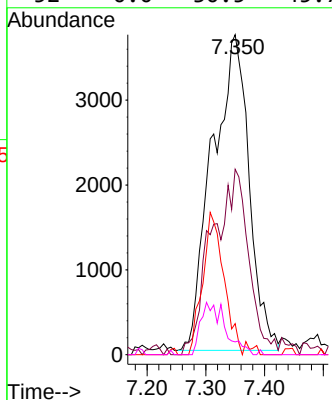
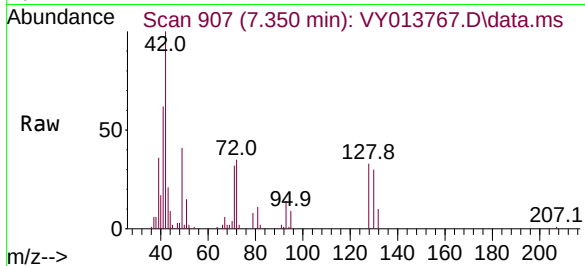




#41
Methacrylonitrile
Concen: 13.790 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

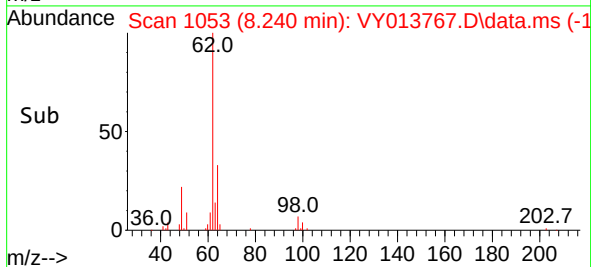
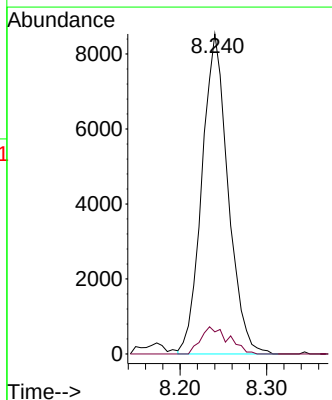
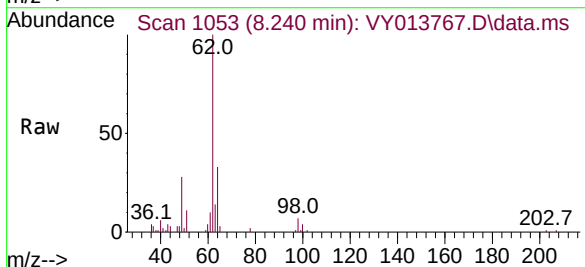
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

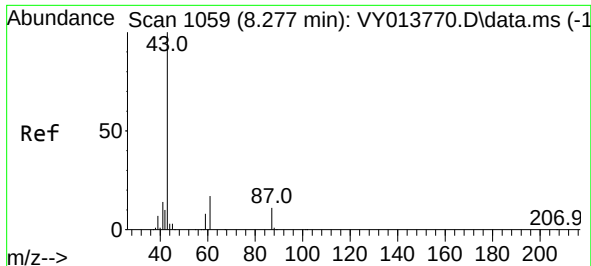
Tgt Ion: 41 Resp: 16188
Ion Ratio Lower Upper
41 100
39 36.6 59.5 89.3#
67 0.9 69.1 103.7#
52 0.0 30.5 45.7#



#42
1,2-Dichloroethane
Concen: 5.389 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 62 Resp: 17898
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.8

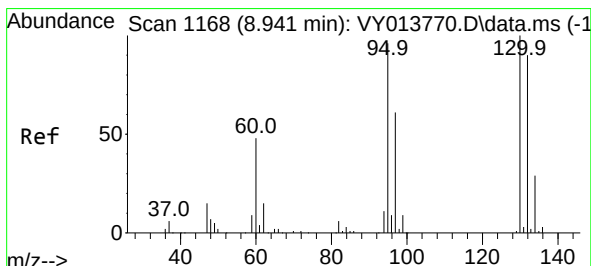
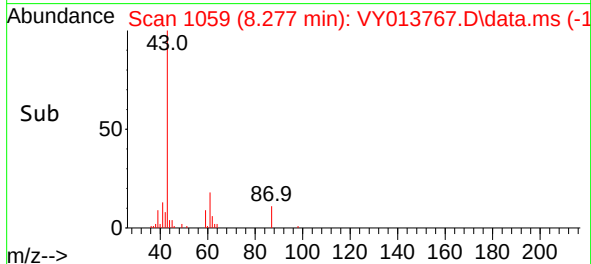
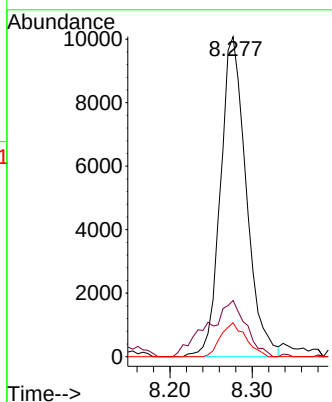
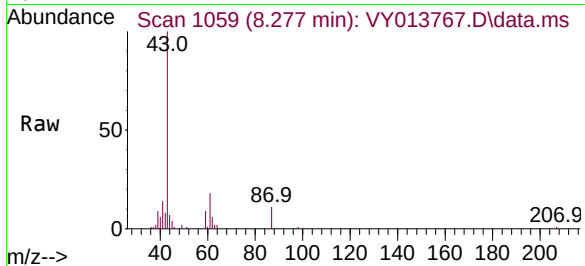




#43
Isopropyl Acetate
Concen: 4.969 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

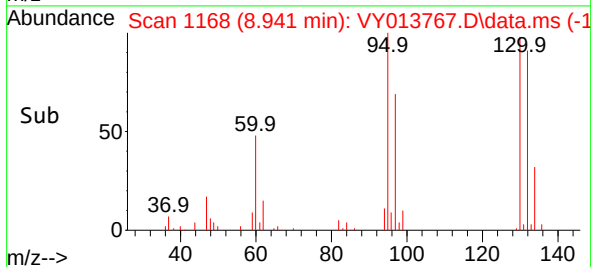
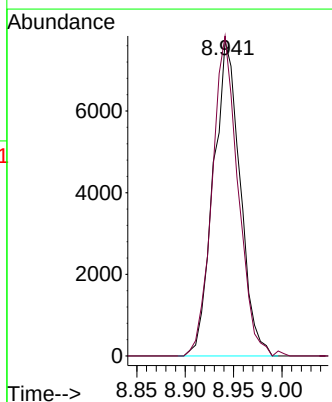
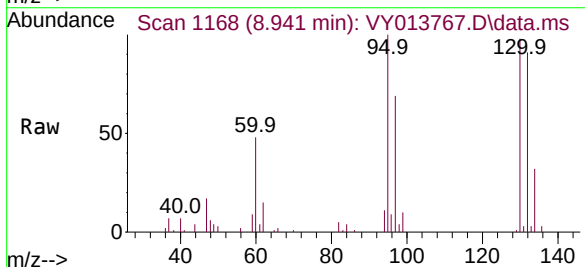
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

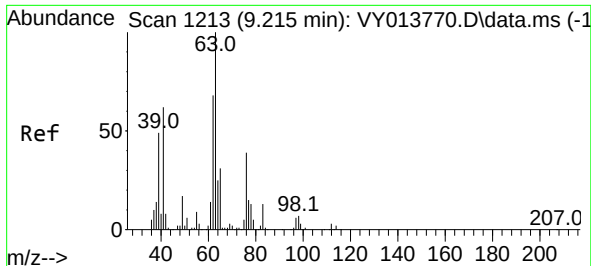
Tgt Ion:	43	Resp:	21944
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.6	31.0
87	10.3	9.0	13.6



#44
Trichloroethene
Concen: 5.526 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion:	130	Resp:	14850
Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	193.0





#45

1,2-Dichloropropane

Concen: 5.298 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

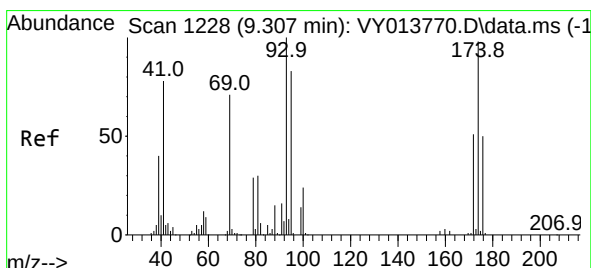
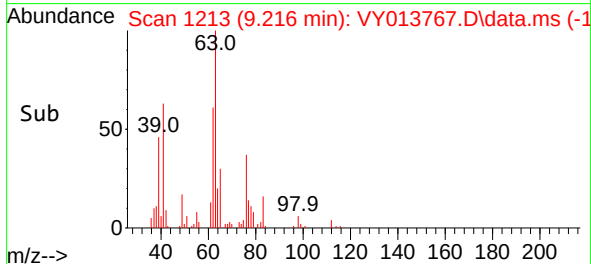
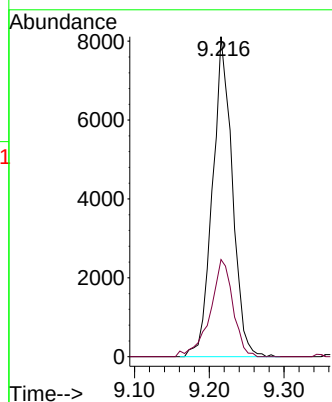
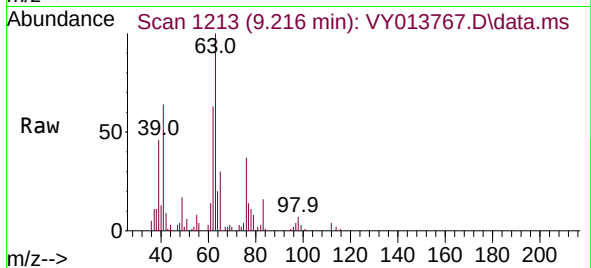
VSTDIC005

Tgt Ion: 63 Resp: 14966

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3



#46

Dibromomethane

Concen: 5.488 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

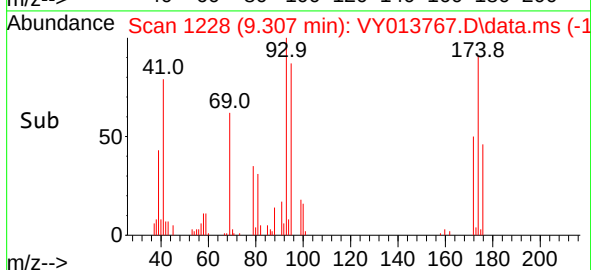
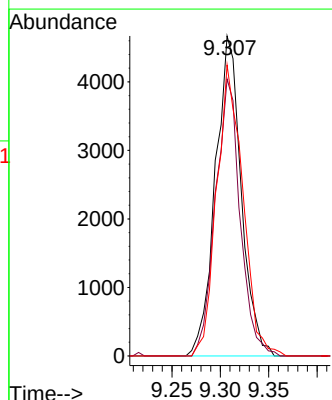
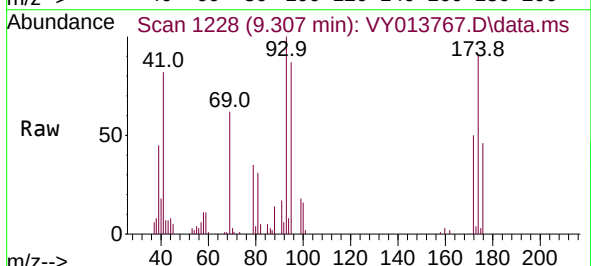
Tgt Ion: 93 Resp: 8682

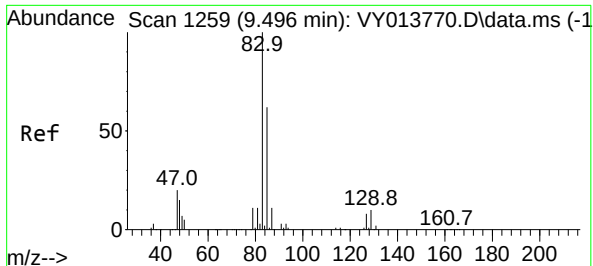
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 91.9 79.5 119.3





#47

Bromodichloromethane

Concen: 5.248 ug/l

RT: 9.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

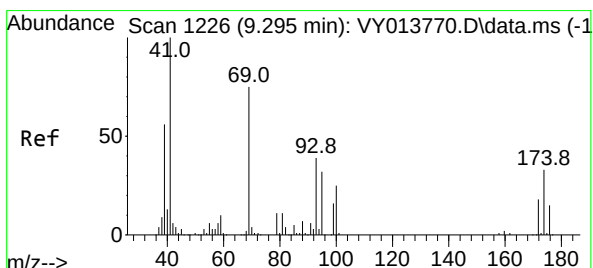
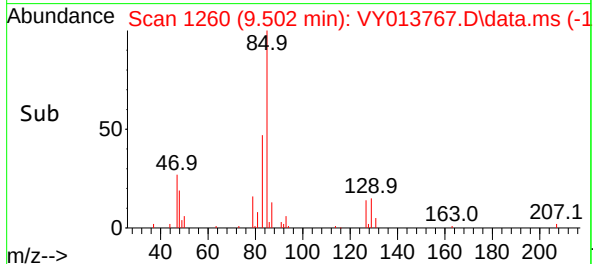
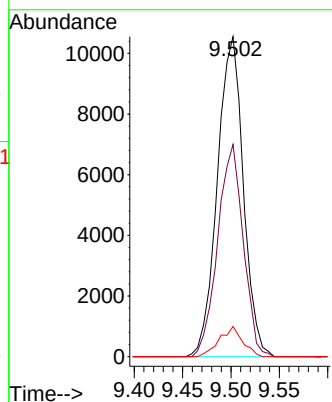
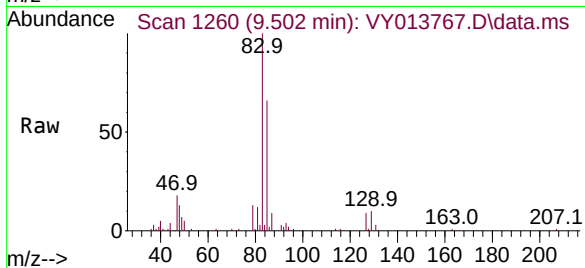
Tgt Ion: 83 Resp: 19664

Ion Ratio Lower Upper

83 100

85 66.3 49.6 74.4

127 9.4 6.3 9.5



#48

Methyl methacrylate

Concen: 4.552 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

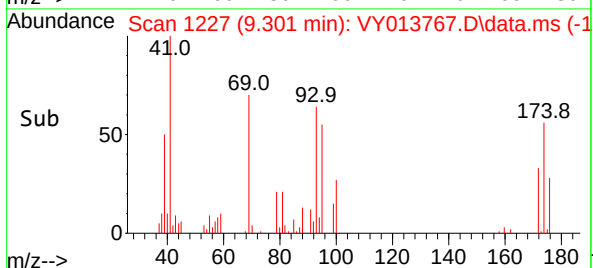
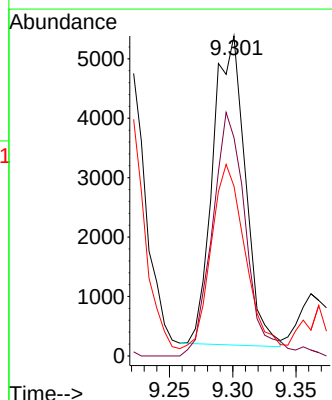
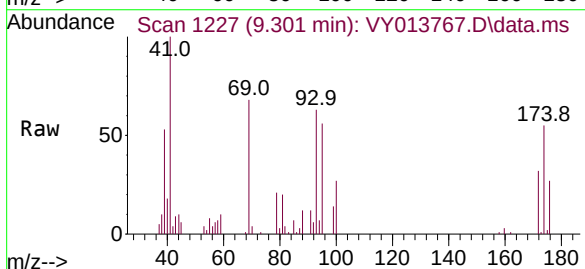
Tgt Ion: 41 Resp: 9235

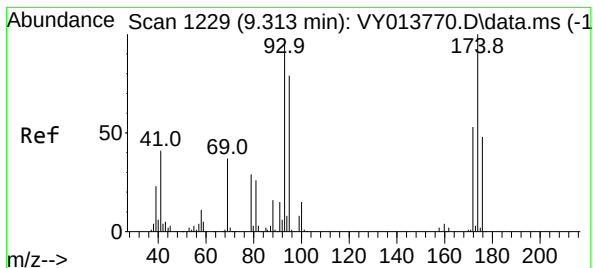
Ion Ratio Lower Upper

41 100

69 82.3 63.0 94.6

39 62.2 46.2 69.2





#49

1,4-Dioxane

Concen: 102.075 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

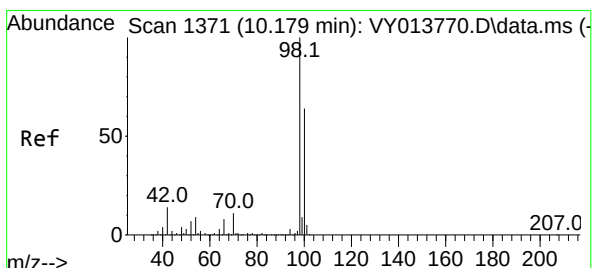
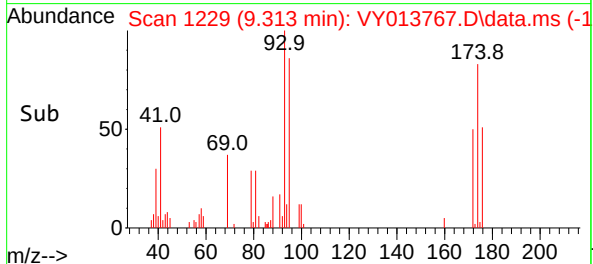
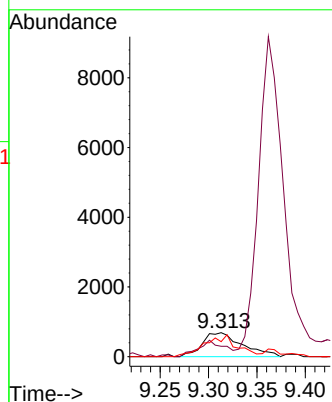
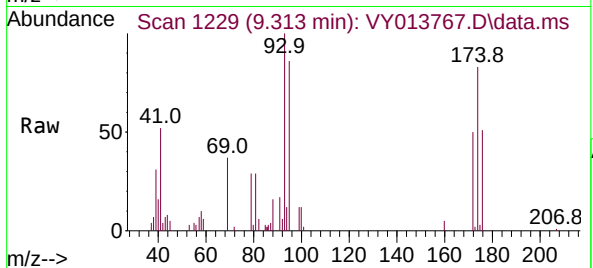
Tgt Ion: 88 Resp: 1982

Ion Ratio Lower Upper

88 100

43 44.2 26.1 39.1#

58 71.9 62.2 93.2



#50

Toluene-d8

Concen: 4.810 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013767.D

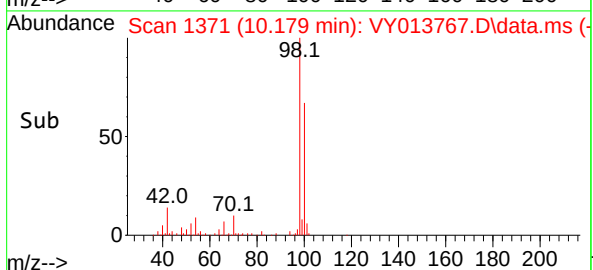
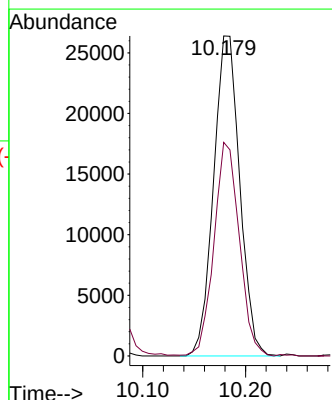
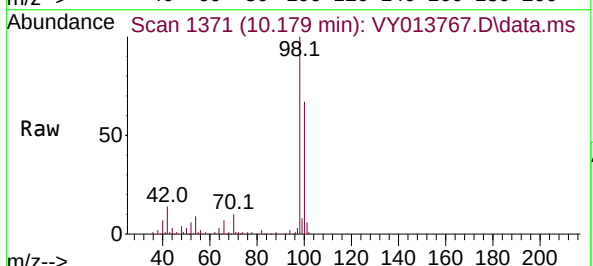
Acq: 17 May 2023 10:14

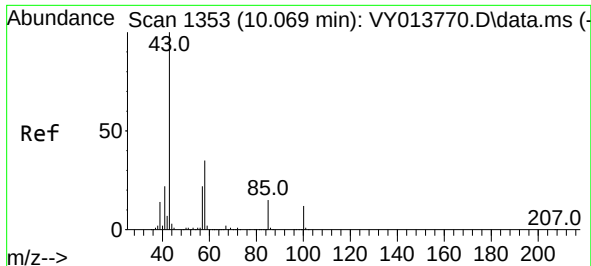
Tgt Ion: 98 Resp: 46683

Ion Ratio Lower Upper

98 100

100 64.6 51.0 76.6

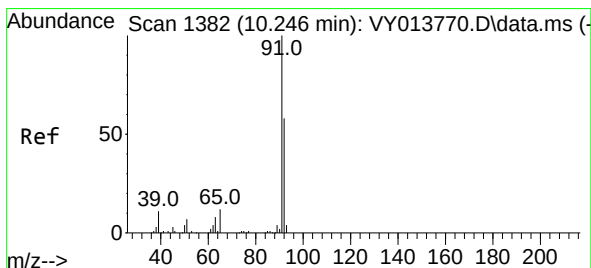
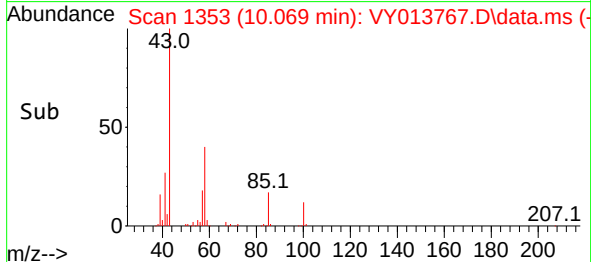
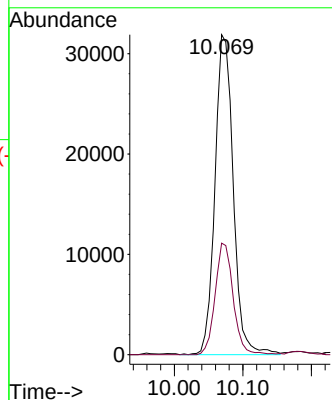
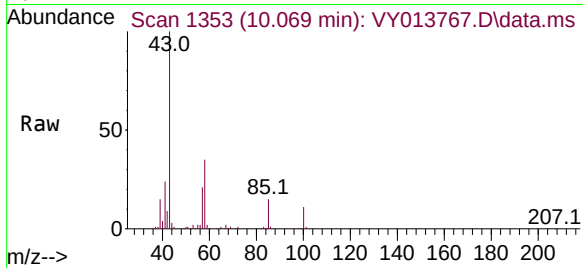




#51
4-Methyl-2-Pentanone
Concen: 23.998 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

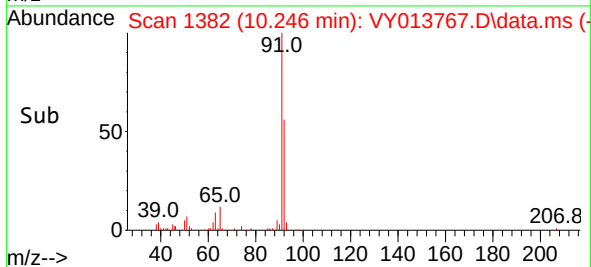
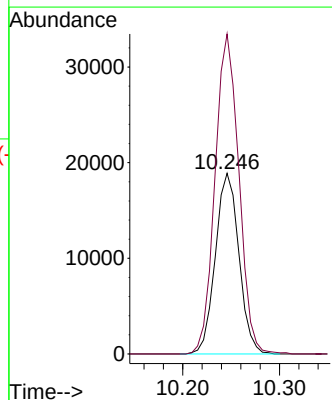
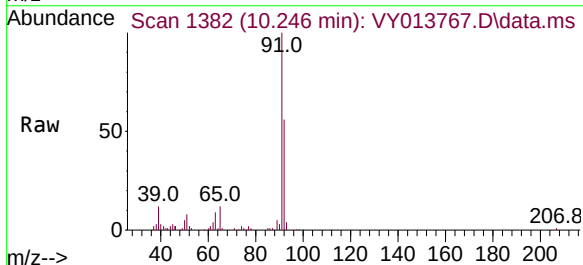
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

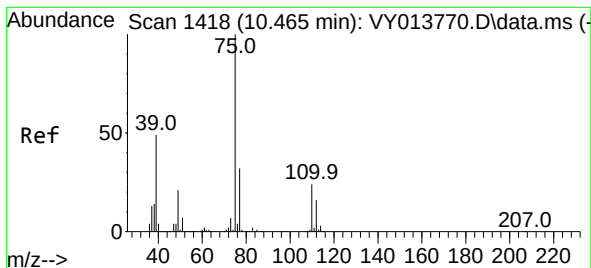
Tgt Ion: 43 Resp: 59022
Ion Ratio Lower Upper
43 100
58 34.4 28.2 42.2



#52
Toluene
Concen: 5.124 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 92 Resp: 31933
Ion Ratio Lower Upper
92 100
91 179.4 141.0 211.4

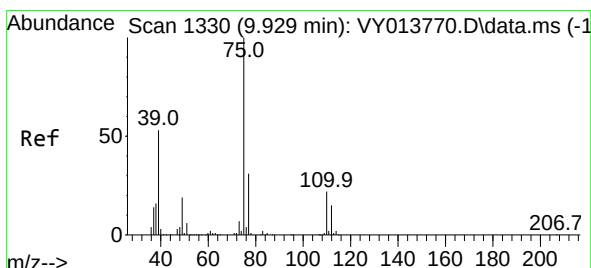
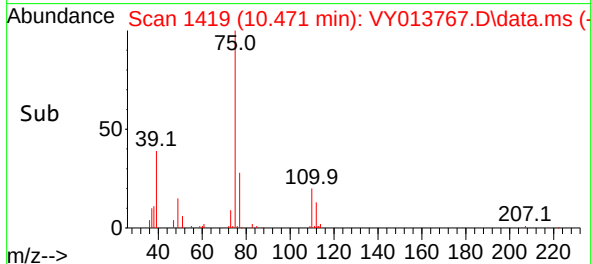
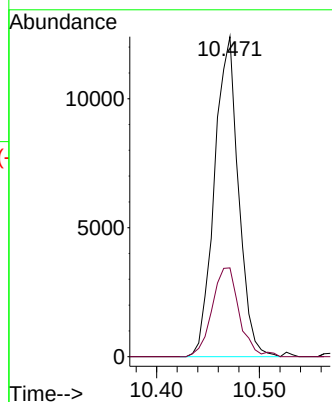
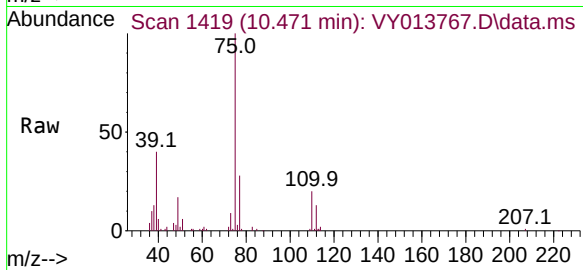




#53
 t-1,3-Dichloropropene
 Concen: 5.216 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY013767.D
 Acq: 17 May 2023 10:14

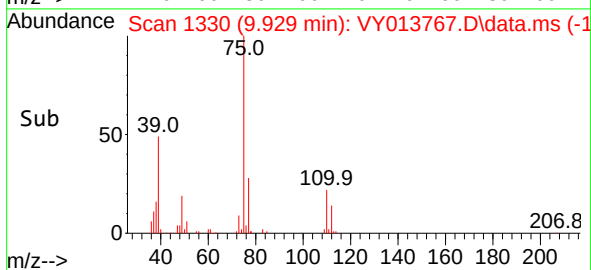
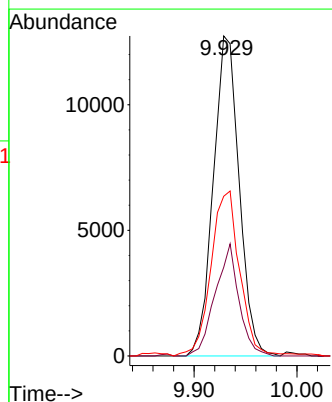
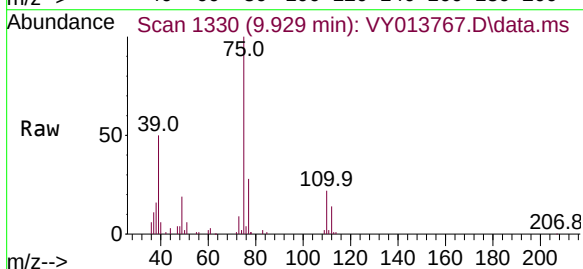
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

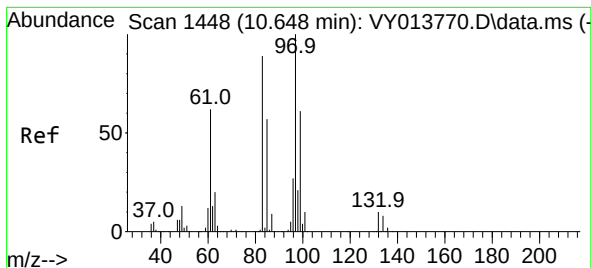
Tgt Ion: 75 Resp: 20150
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 5.171 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013767.D
 Acq: 17 May 2023 10:14

Tgt Ion: 75 Resp: 22290
 Ion Ratio Lower Upper
 75 100
 77 27.7 24.8 37.2
 39 49.2 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 5.232 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 11258

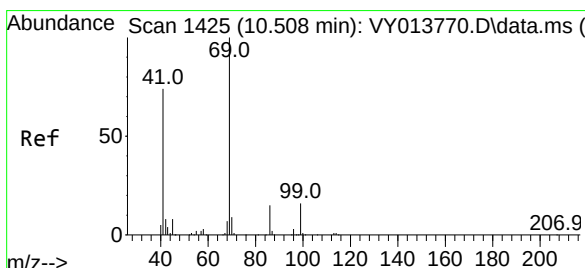
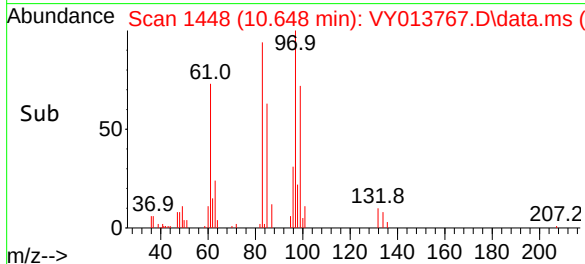
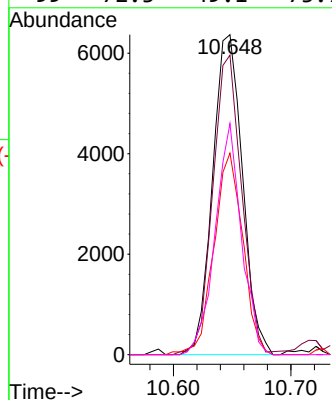
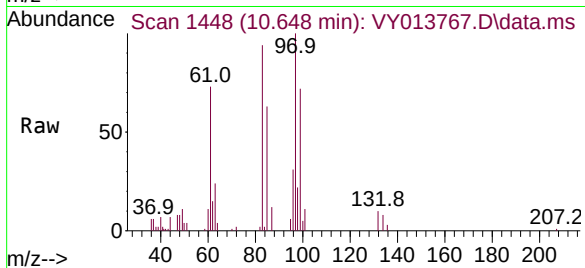
Ion Ratio Lower Upper

97 100

83 92.7 71.1 106.7

85 63.0 45.7 68.5

99 72.3 49.1 73.7



#56

Ethyl methacrylate

Concen: 4.445 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

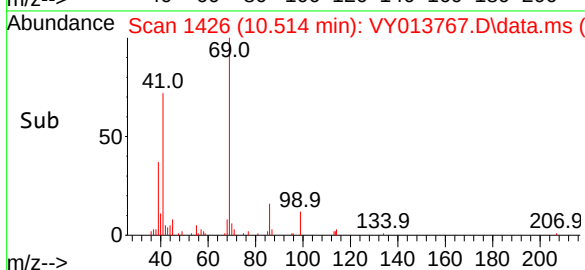
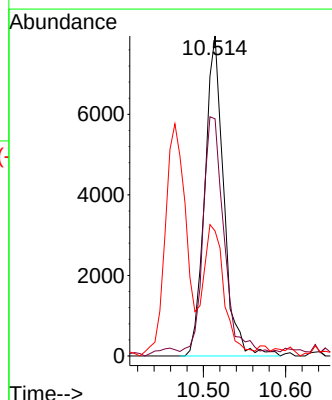
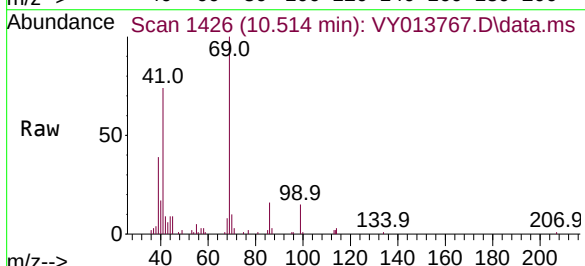
Tgt Ion: 69 Resp: 12763

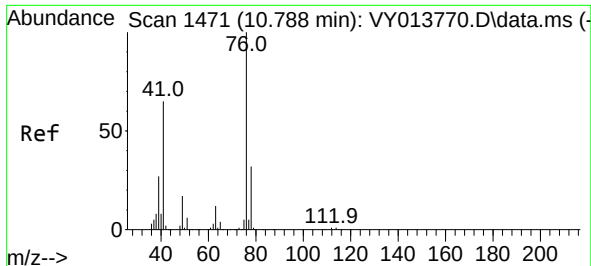
Ion Ratio Lower Upper

69 100

41 80.7 58.3 87.5

39 42.1 31.8 47.8





#57

1,3-Dichloropropane

Concen: 5.248 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

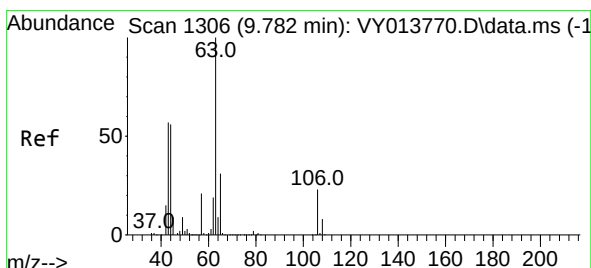
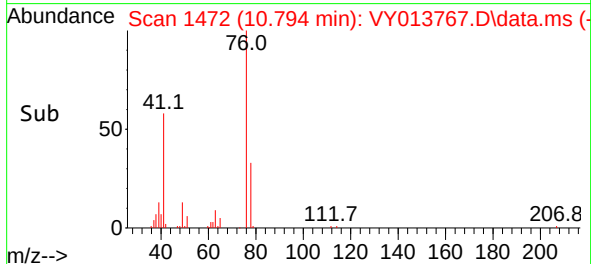
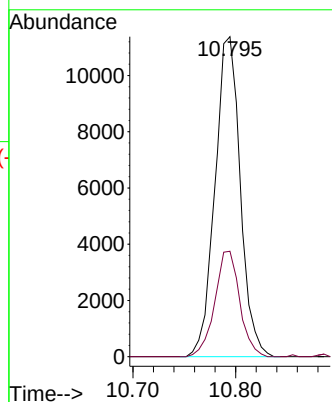
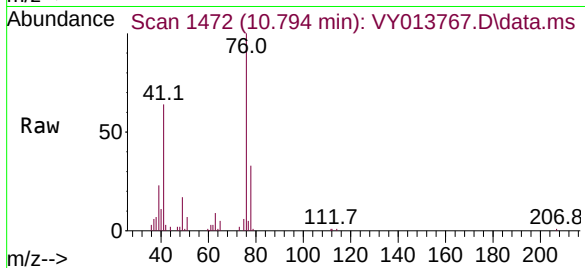
VSTDICC005

Tgt Ion: 76 Resp: 19428

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 26.778 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY013767.D

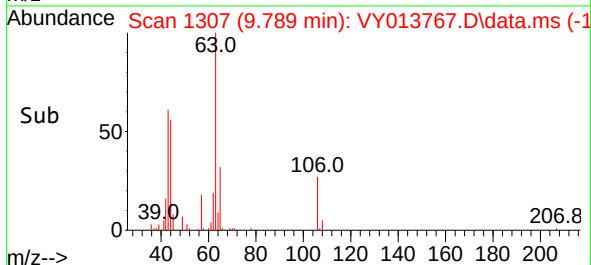
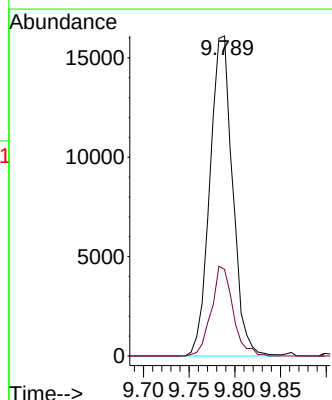
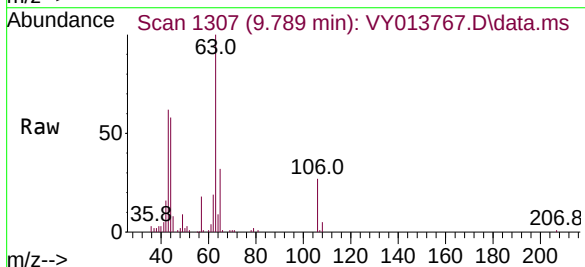
Acq: 17 May 2023 10:14

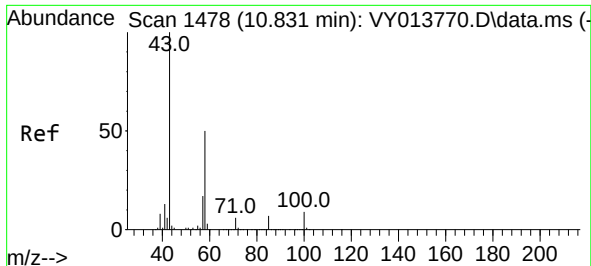
Tgt Ion: 63 Resp: 27859

Ion Ratio Lower Upper

63 100

106 26.7 19.7 29.5

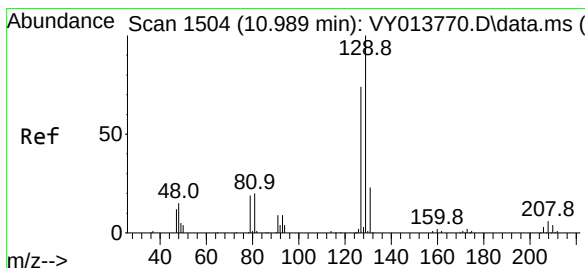
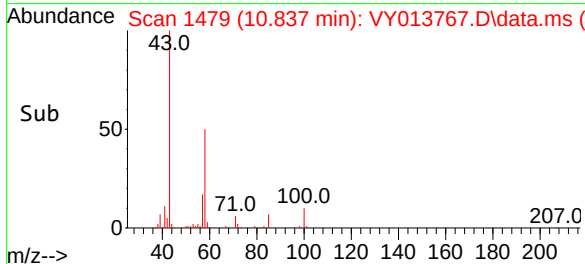
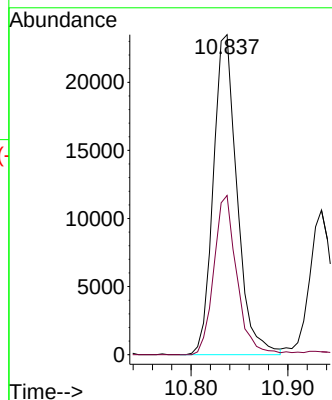
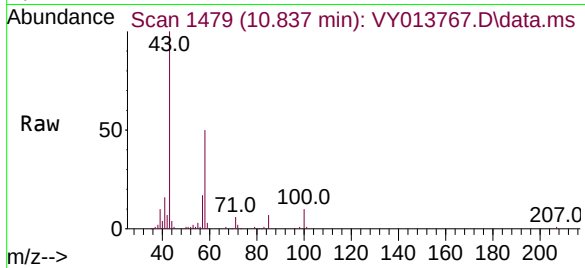




#59
2-Hexanone
Concen: 22.962 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

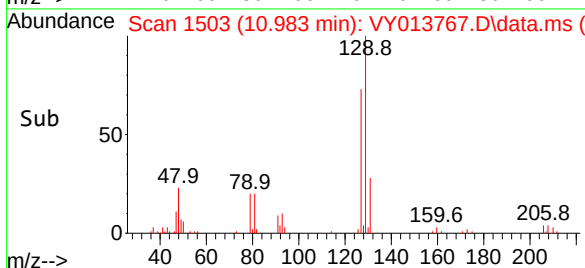
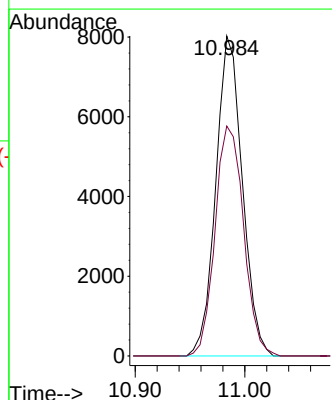
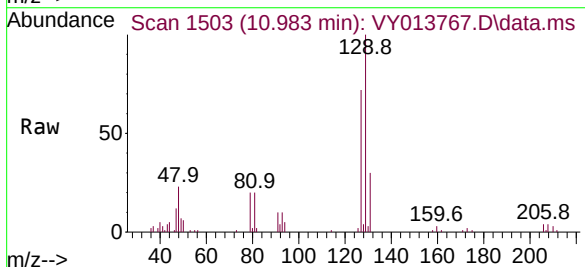
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

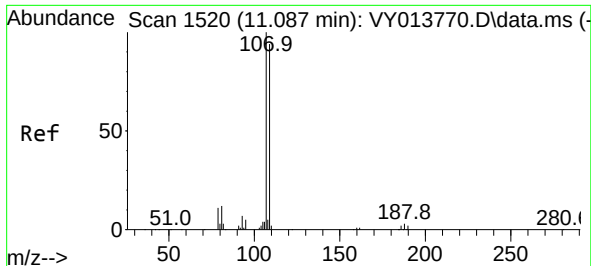
Tgt Ion: 43 Resp: 40143
Ion Ratio Lower Upper
43 100
58 48.2 24.8 74.4



#60
Dibromochloromethane
Concen: 5.180 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 129 Resp: 13506
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

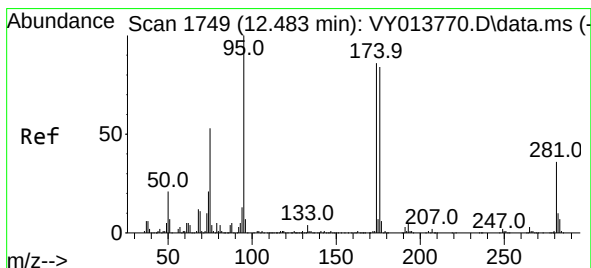
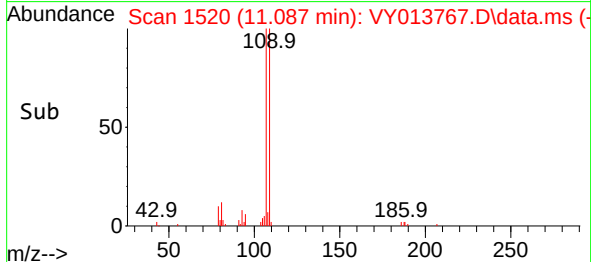
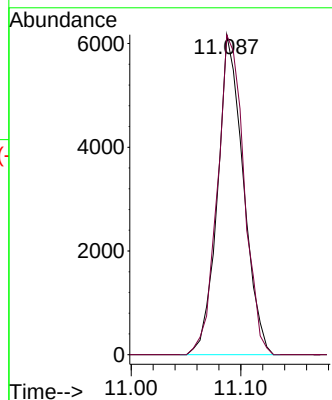
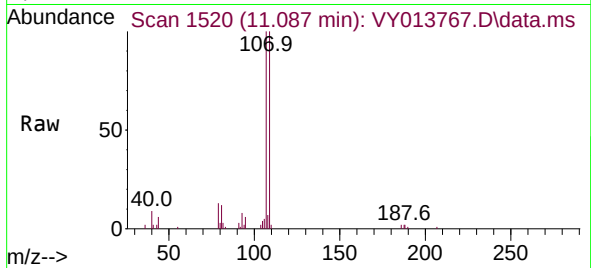




#61
1,2-Dibromoethane
Concen: 4.976 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

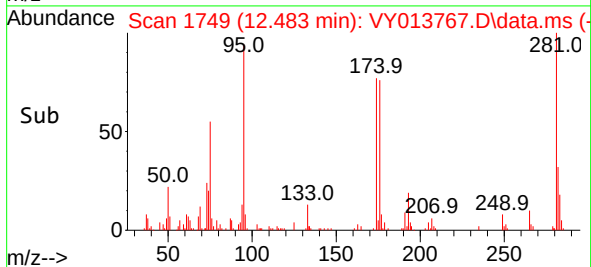
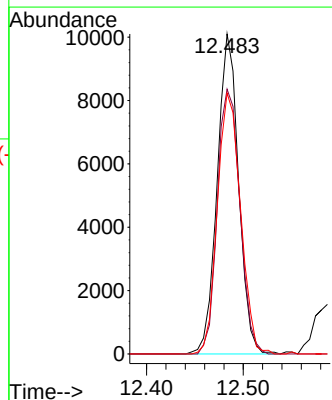
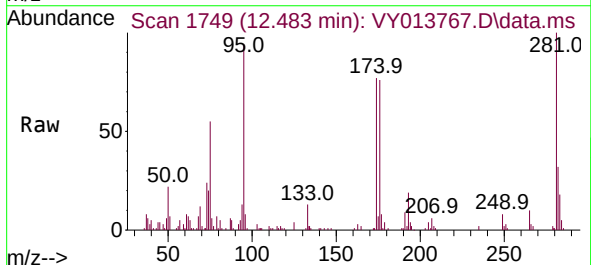
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

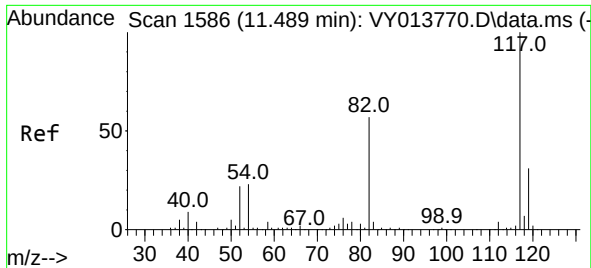
Tgt Ion:107 Resp: 10096
Ion Ratio Lower Upper
107 100
109 103.1 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 4.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 95 Resp: 15480
Ion Ratio Lower Upper
95 100
174 87.3 0.0 168.8
176 88.1 0.0 165.2

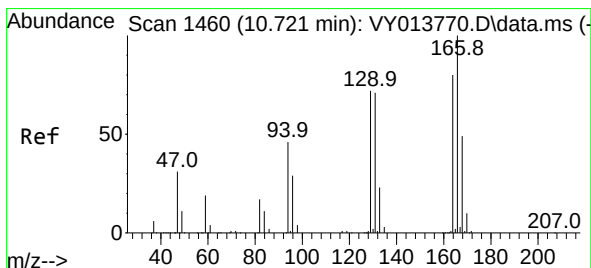
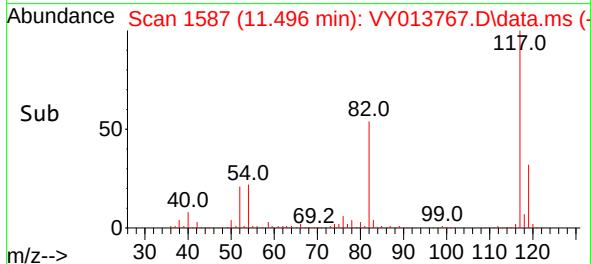
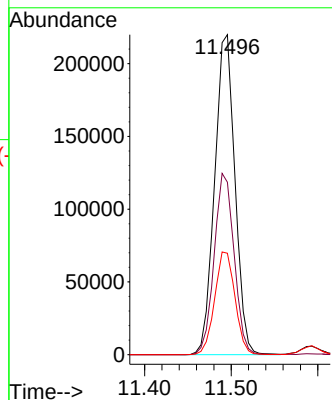
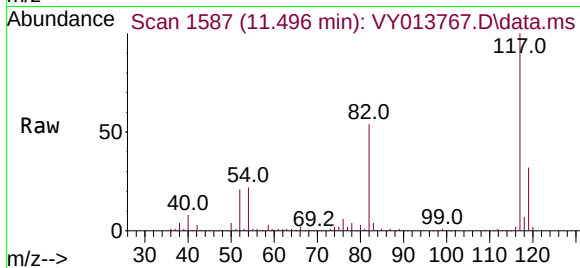




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

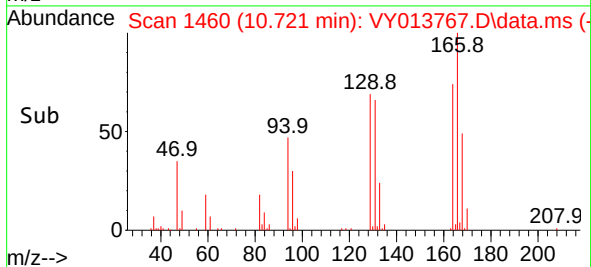
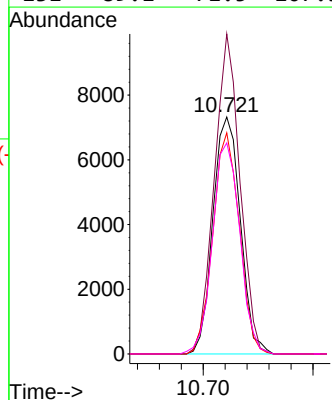
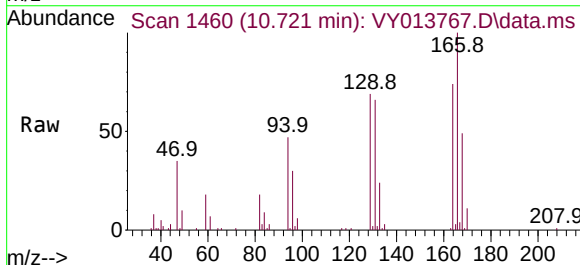
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

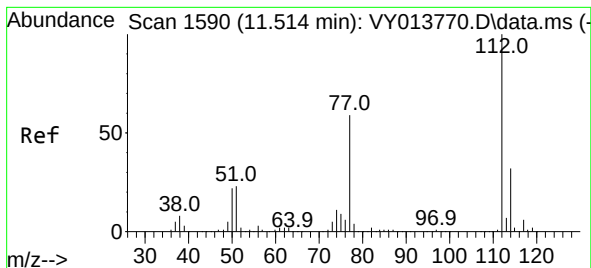
Tgt Ion:117 Resp: 358321
Ion Ratio Lower Upper
117 100
82 53.9 45.5 68.3
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 5.588 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion:164 Resp: 12701
Ion Ratio Lower Upper
164 100
166 135.1 100.5 150.7
129 93.3 72.5 108.7
131 89.1 71.5 107.3





#65

Chlorobenzene

Concen: 5.424 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

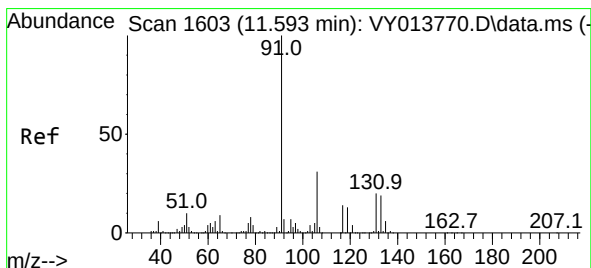
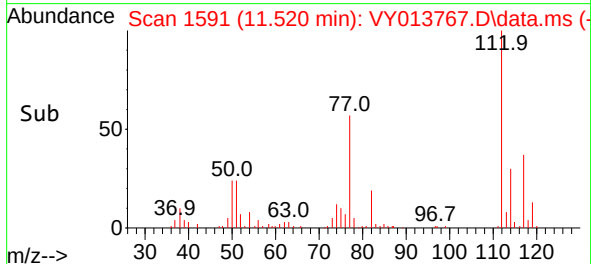
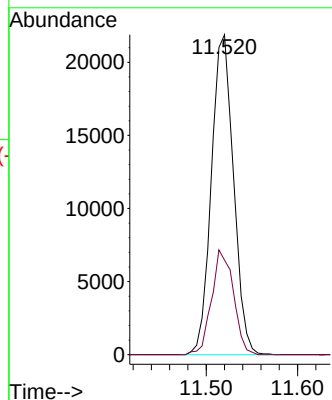
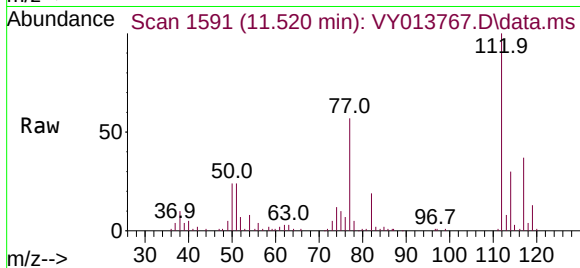
VSTDICC005

Tgt Ion:112 Resp: 36785

Ion Ratio Lower Upper

112 100

114 29.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 5.308 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

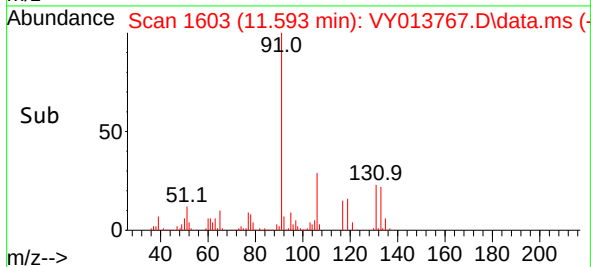
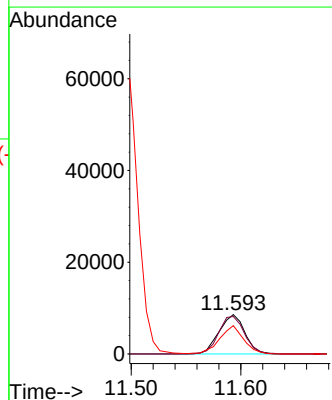
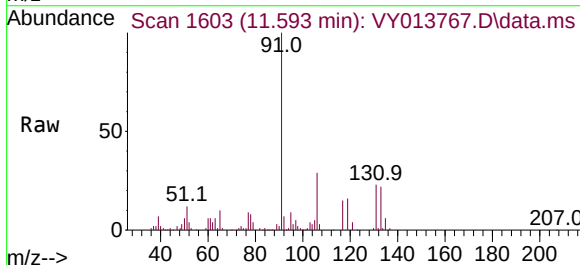
Tgt Ion:131 Resp: 13987

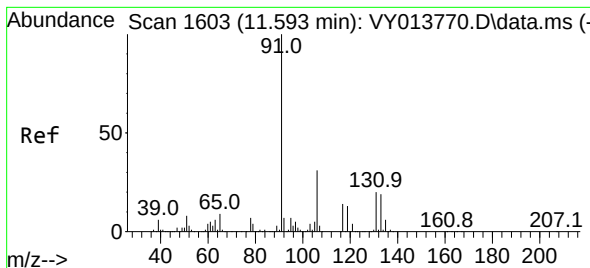
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.4

119 66.9 32.9 98.7





#67

Ethyl Benzene

Concen: 5.003 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

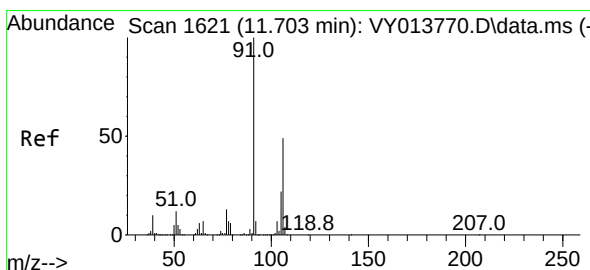
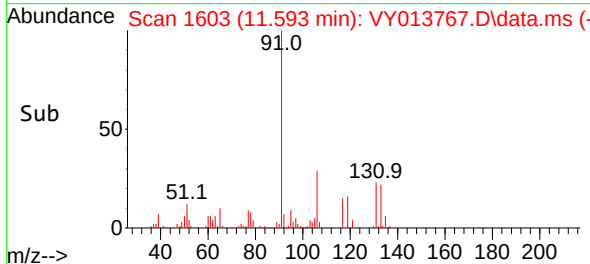
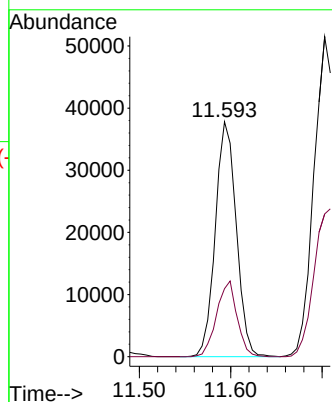
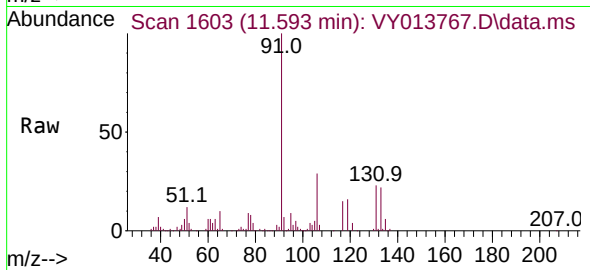
VSTDIC005

Tgt Ion: 91 Resp: 60290

Ion Ratio Lower Upper

91 100

106 29.0 25.0 37.6



#68

m/p-Xylenes

Concen: 9.888 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY013767.D

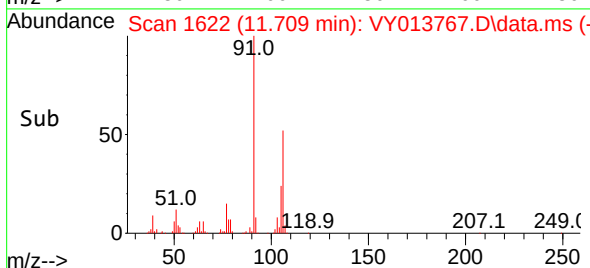
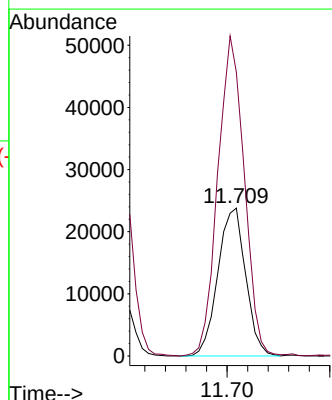
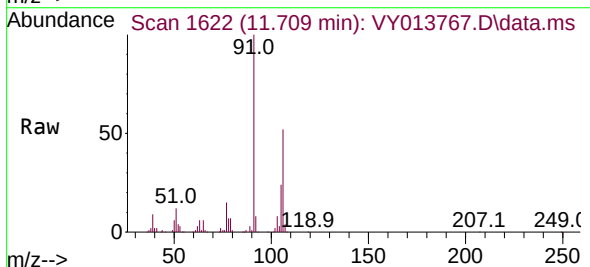
Acq: 17 May 2023 10:14

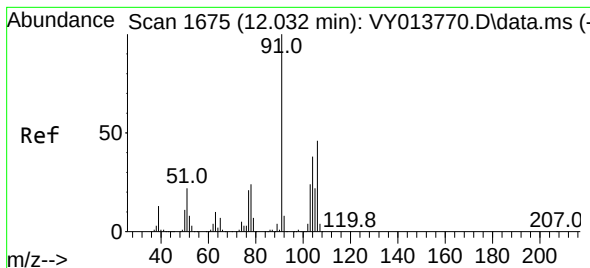
Tgt Ion: 106 Resp: 44632

Ion Ratio Lower Upper

106 100

91 206.7 164.0 246.0





#69

o-Xylene

Concen: 4.939 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

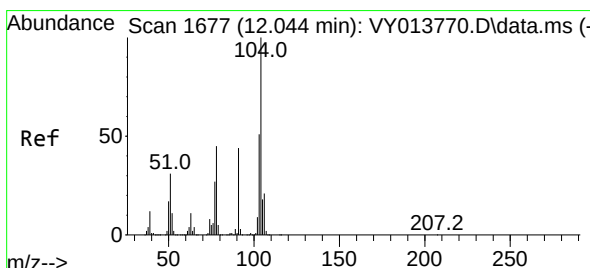
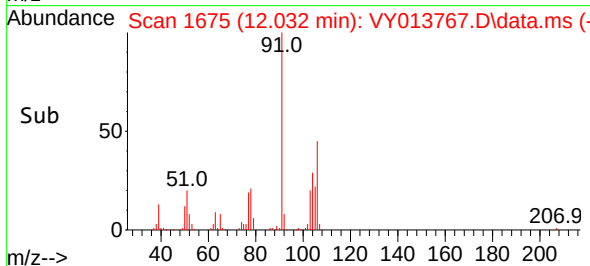
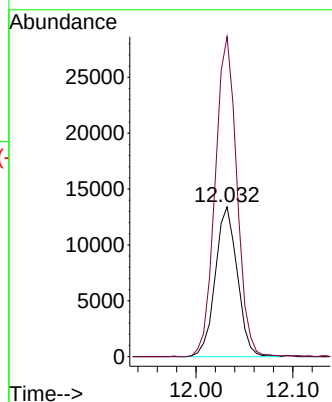
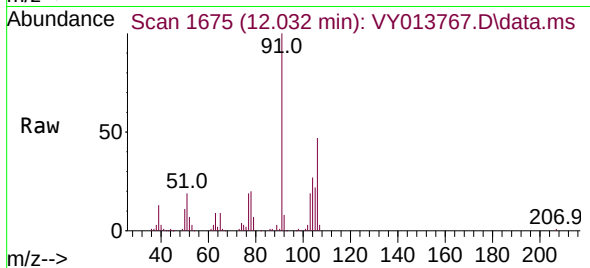
VSTDIC005

Tgt Ion:106 Resp: 21210

Ion Ratio Lower Upper

106 100

91 210.8 108.4 325.2



#70

Styrene

Concen: 4.784 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

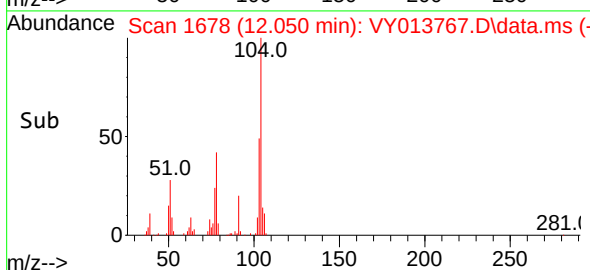
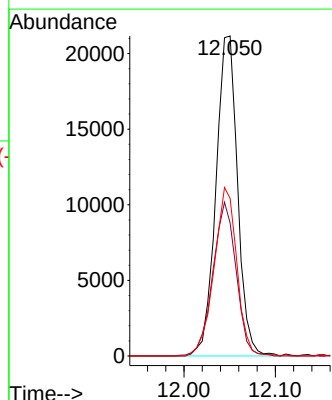
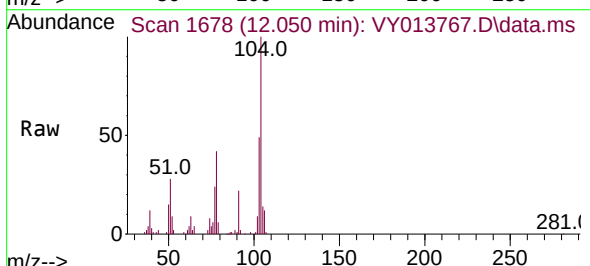
Tgt Ion:104 Resp: 34890

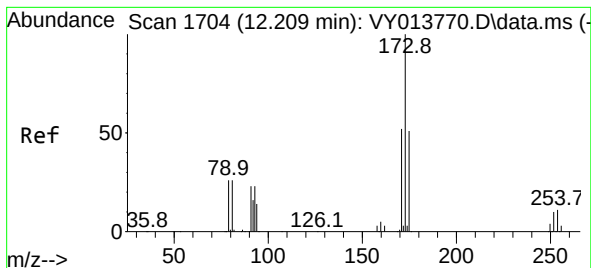
Ion Ratio Lower Upper

104 100

78 51.5 40.6 61.0

103 55.2 44.6 66.8





#71

Bromoform

Concen: 4.910 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

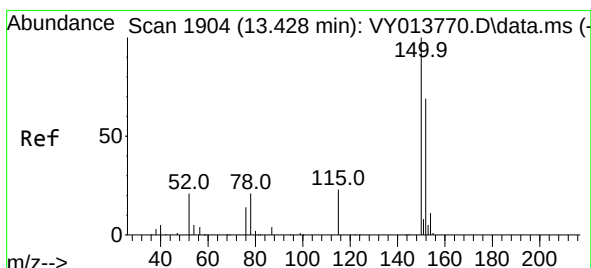
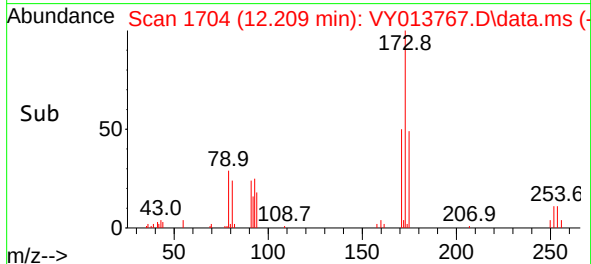
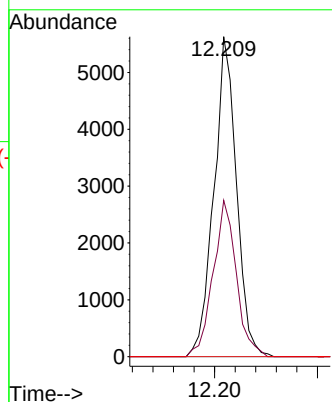
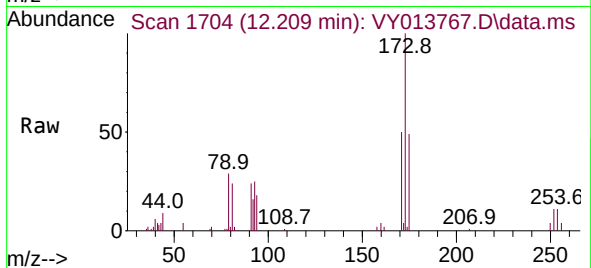
Tgt Ion:173 Resp: 8549

Ion Ratio Lower Upper

173 100

175 50.4 24.9 74.7

254 0.0 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: VY013767.D

Acq: 17 May 2023 10:14

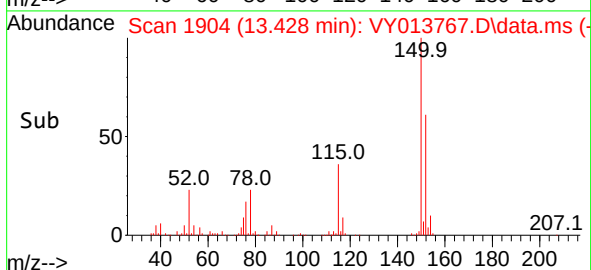
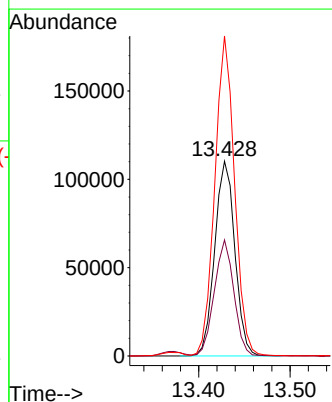
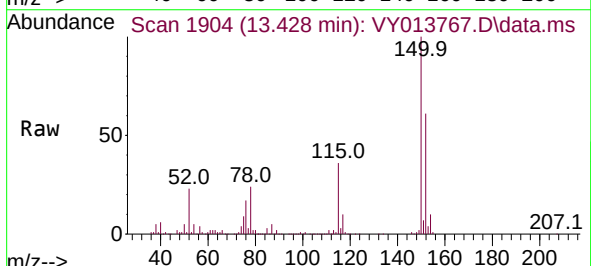
Tgt Ion:152 Resp: 168941

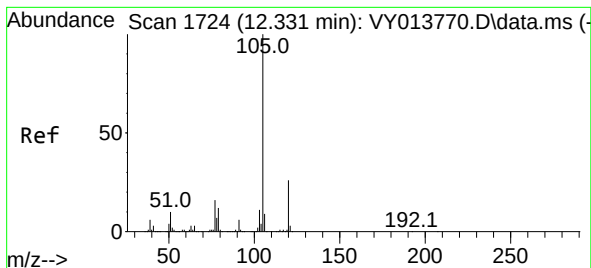
Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.5

150 160.4 0.0 347.0





#73

Isopropylbenzene

Concen: 4.877 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

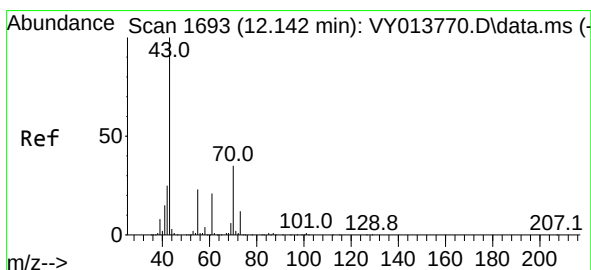
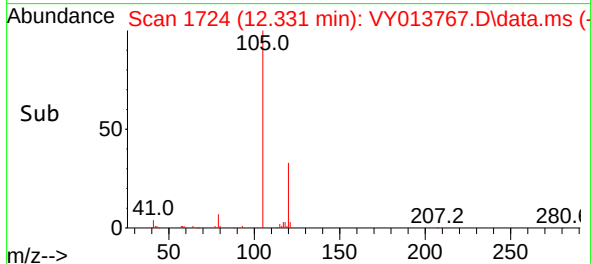
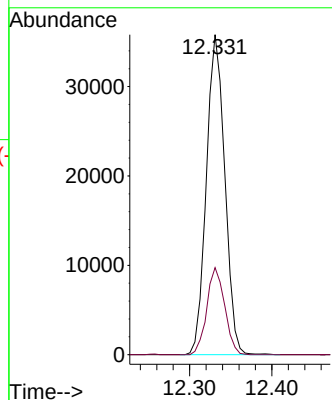
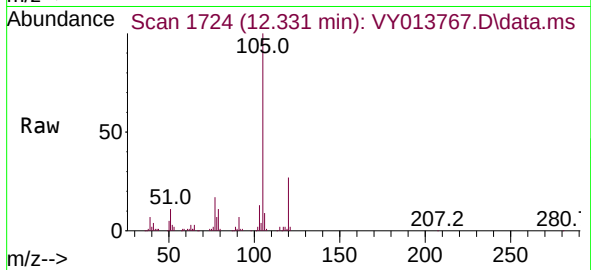
VSTDIC005

Tgt Ion:105 Resp: 55784

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 4.613 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Tgt Ion: 43 Resp: 17905

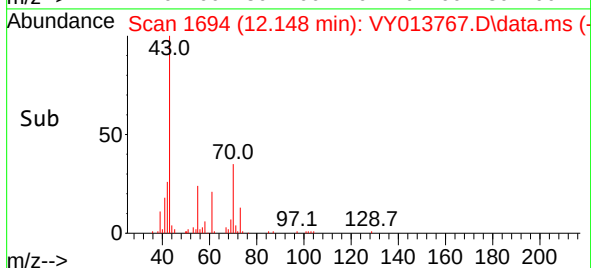
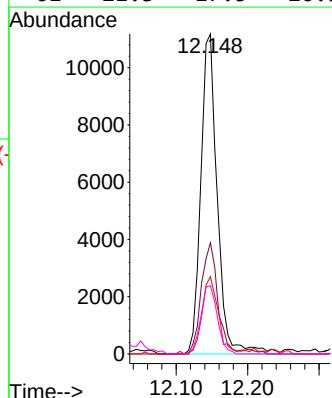
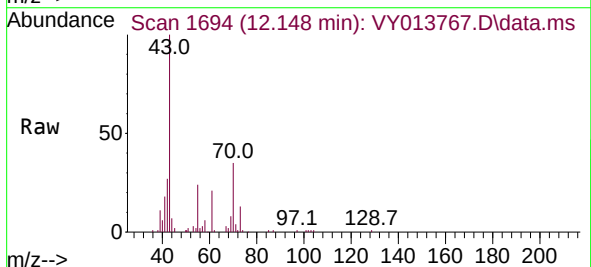
Ion Ratio Lower Upper

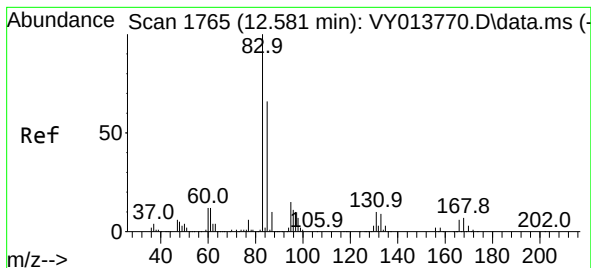
43 100

70 34.4 28.8 43.2

55 23.9 18.5 27.7

61 21.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.084 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

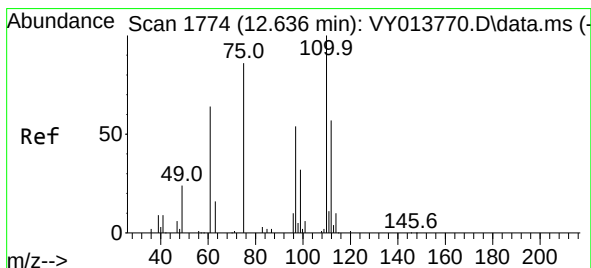
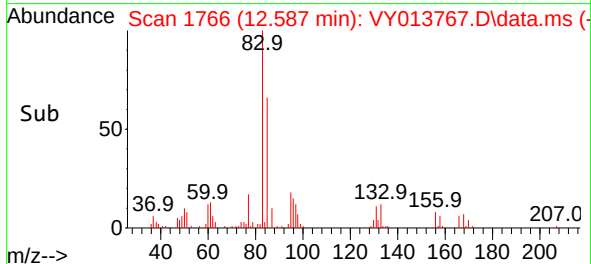
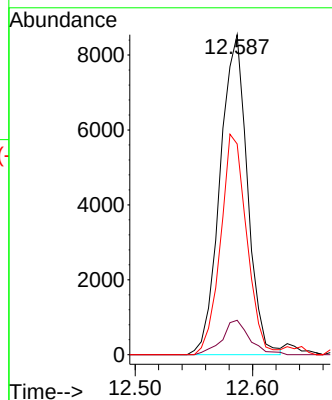
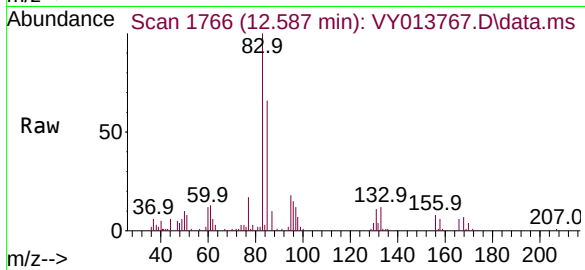
Tgt Ion: 83 Resp: 13774

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 66.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 8.398 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013767.D

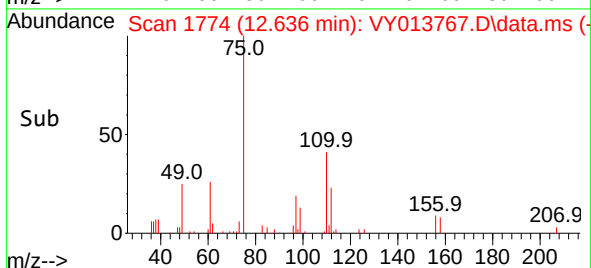
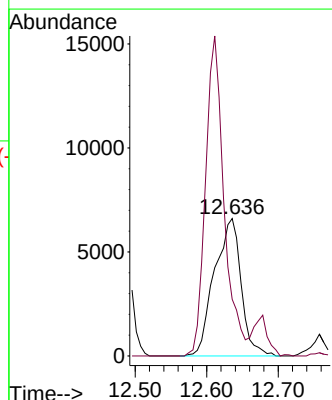
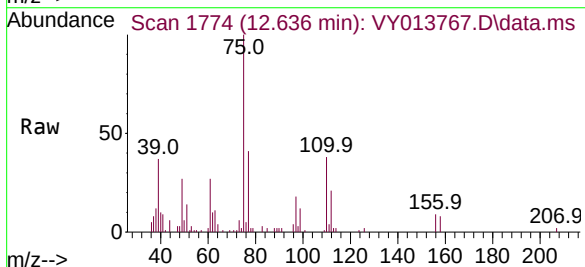
Acq: 17 May 2023 10:14

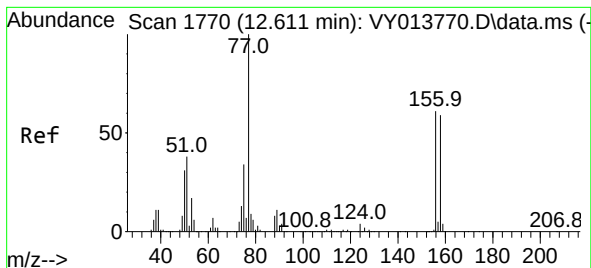
Tgt Ion: 75 Resp: 17128

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.237 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

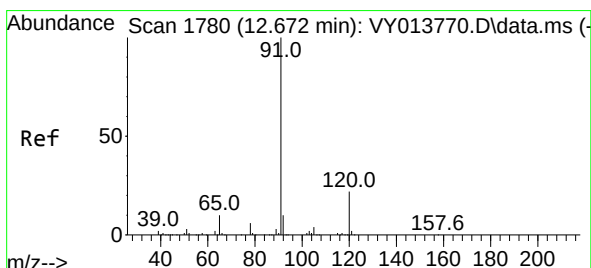
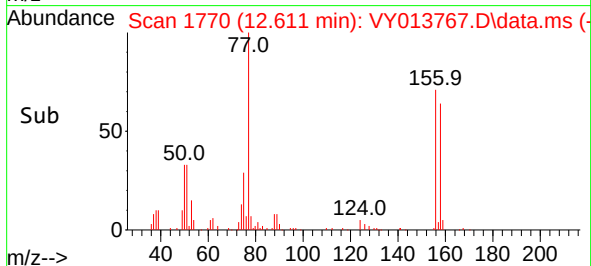
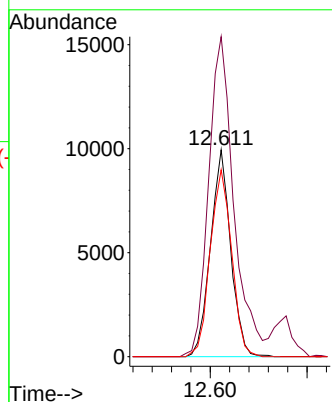
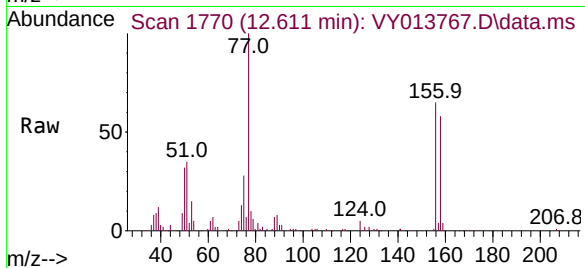
Tgt Ion:156 Resp: 14450

Ion Ratio Lower Upper

156 100

77 191.7 97.1 291.3

158 95.8 49.1 147.3



#78

n-propylbenzene

Concen: 4.877 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013767.D

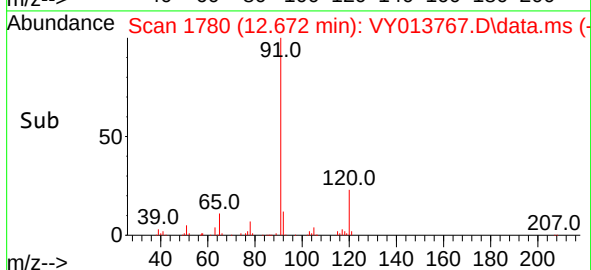
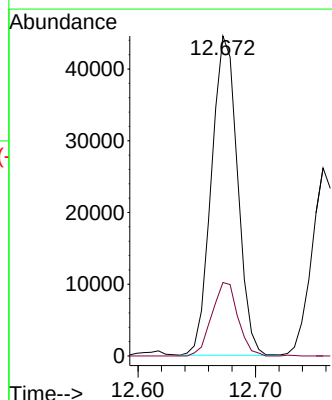
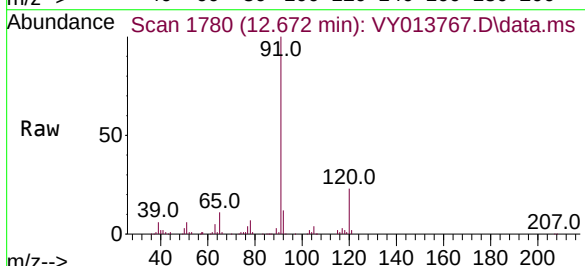
Acq: 17 May 2023 10:14

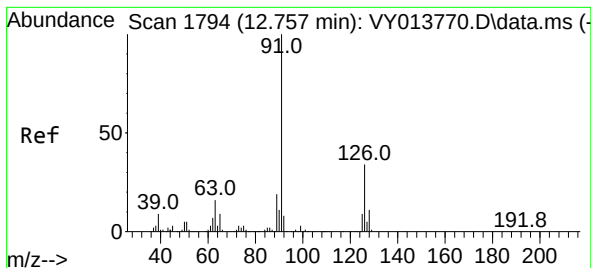
Tgt Ion: 91 Resp: 68717

Ion Ratio Lower Upper

91 100

120 23.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 5.023 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

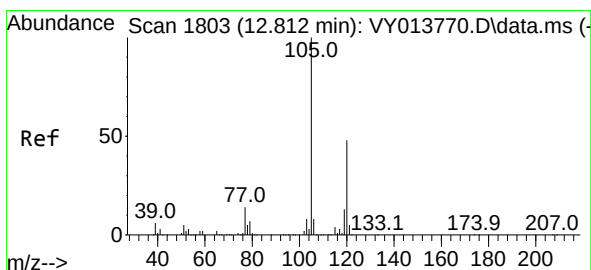
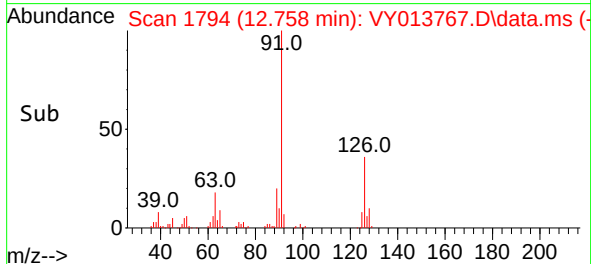
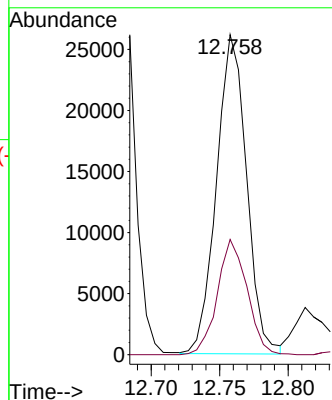
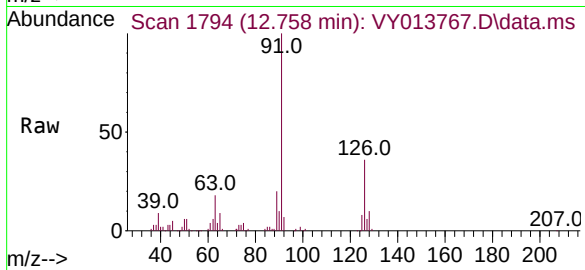
VSTDIC005

Tgt Ion: 91 Resp: 39936

Ion Ratio Lower Upper

91 100

126 35.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 4.789 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013767.D

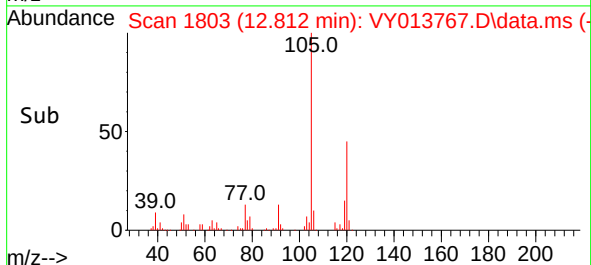
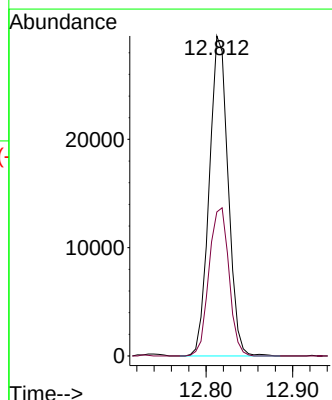
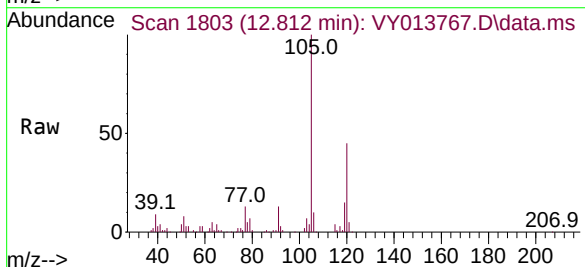
Acq: 17 May 2023 10:14

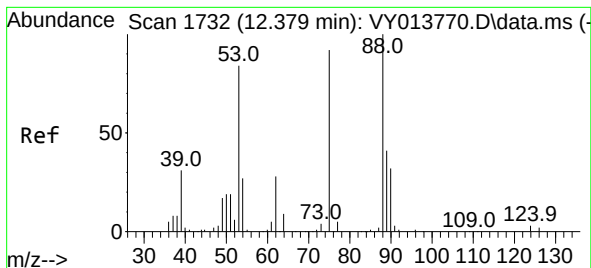
Tgt Ion: 105 Resp: 44666

Ion Ratio Lower Upper

105 100

120 49.0 23.8 71.5

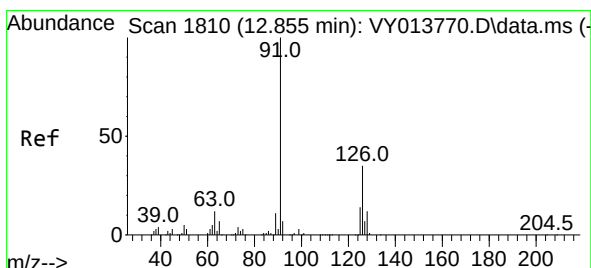
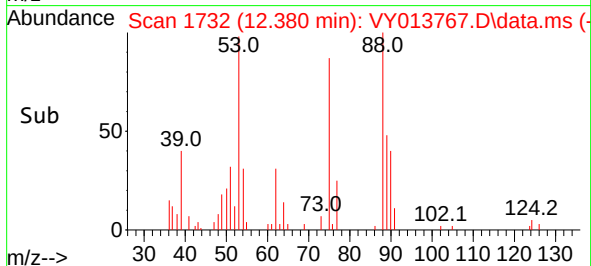
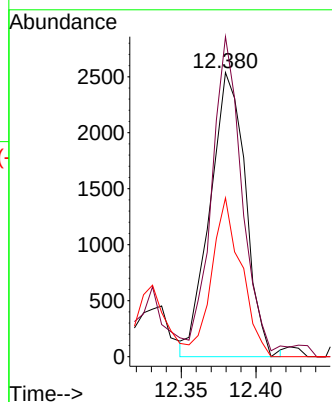
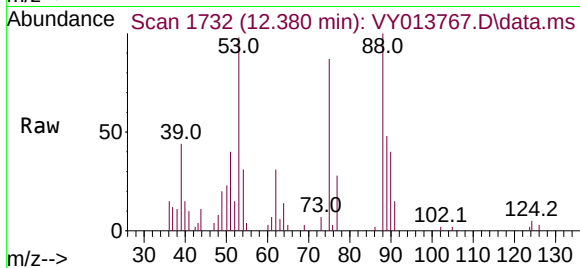




#81
trans-1,4-Dichloro-2-butene
Concen: 4.544 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

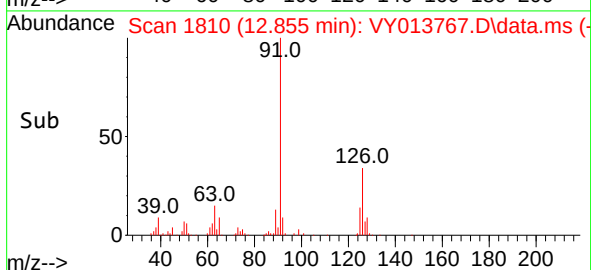
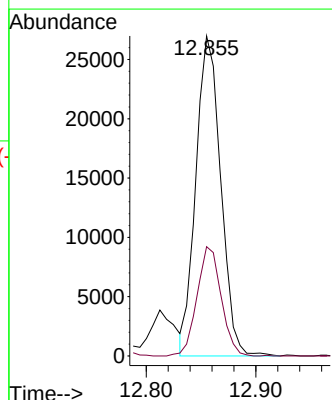
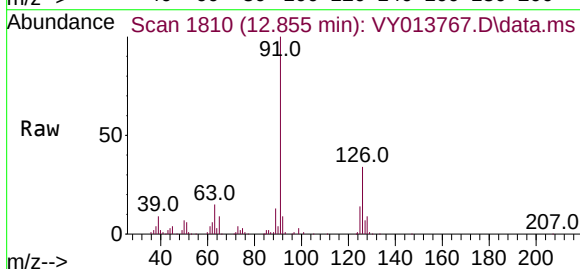
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

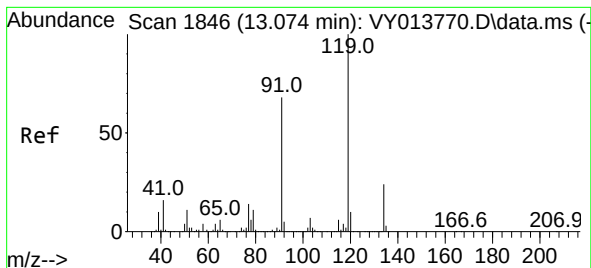
Tgt Ion: 75 Resp: 4173
Ion Ratio Lower Upper
75 100
53 91.5 75.3 112.9
89 46.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 5.133 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion: 91 Resp: 42512
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4





#83

tert-Butylbenzene

Concen: 4.617 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

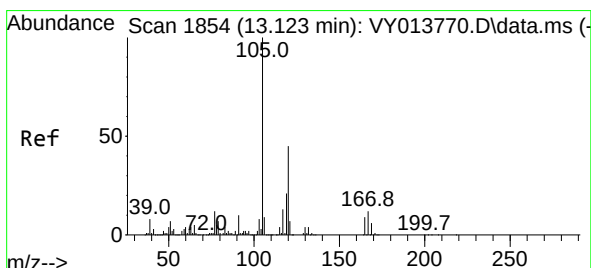
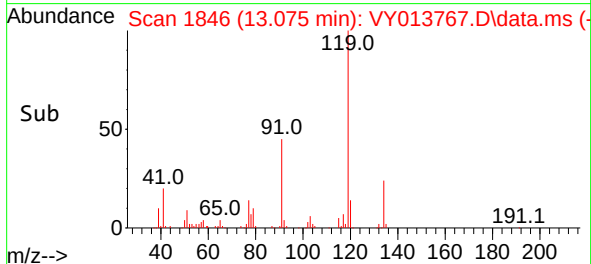
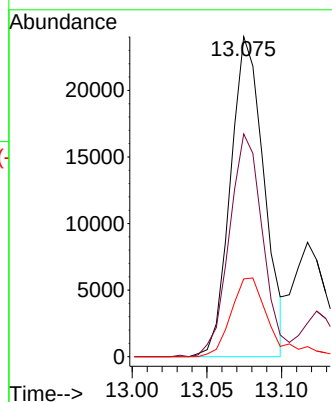
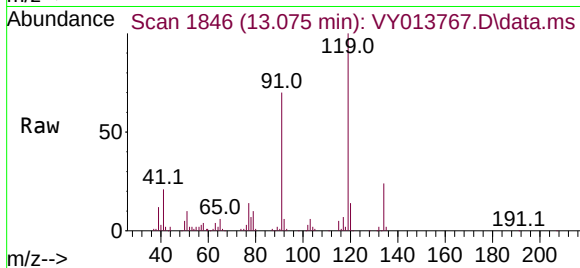
Tgt Ion:119 Resp: 37493

Ion Ratio Lower Upper

119 100

91 69.6 33.3 99.9

134 28.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 4.769 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013767.D

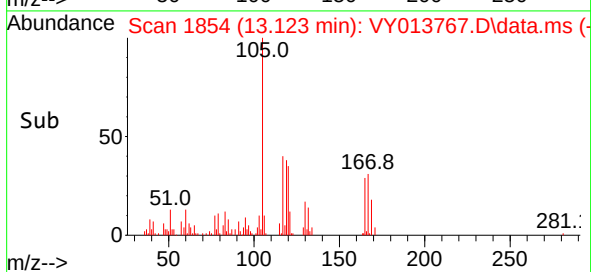
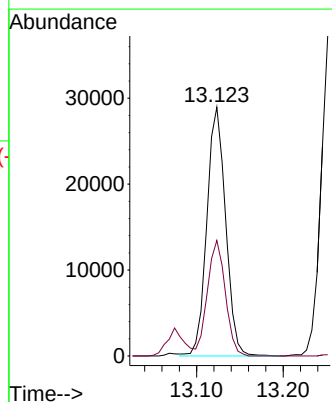
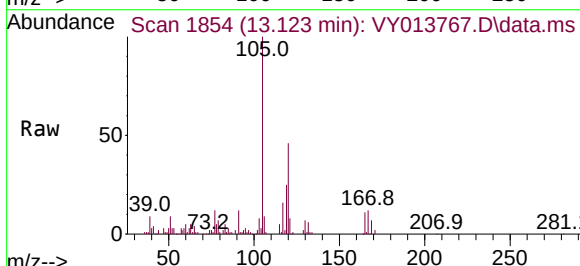
Acq: 17 May 2023 10:14

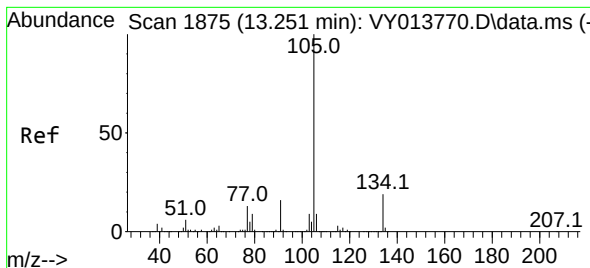
Tgt Ion:105 Resp: 43589

Ion Ratio Lower Upper

105 100

120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 4.868 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

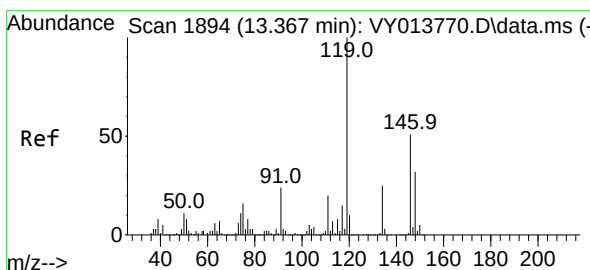
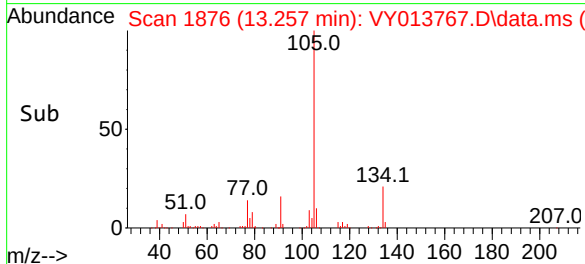
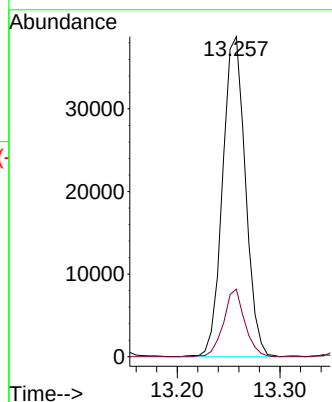
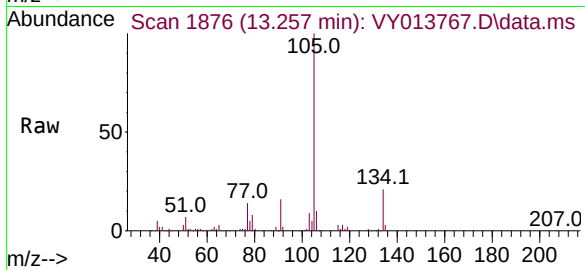
VSTDIC005

Tgt Ion:105 Resp: 59657

Ion Ratio Lower Upper

105 100

134 19.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 4.788 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

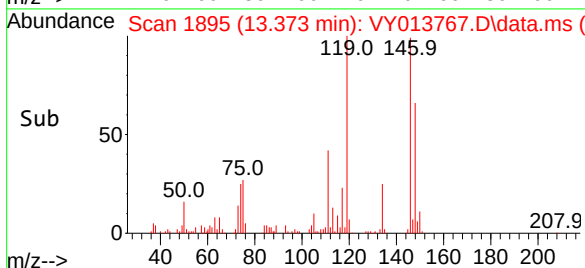
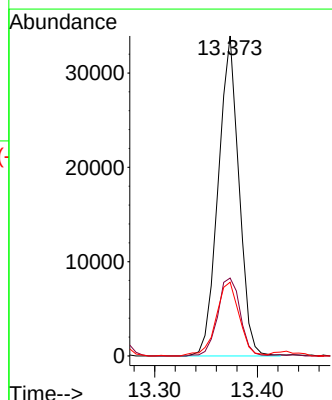
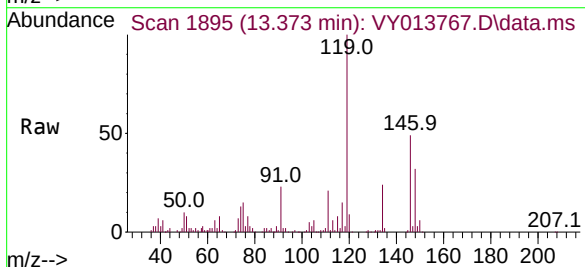
Tgt Ion:119 Resp: 47380

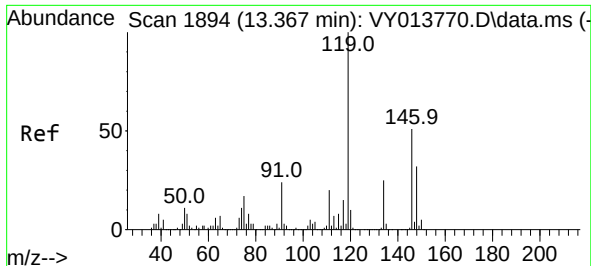
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 25.9 11.8 35.4

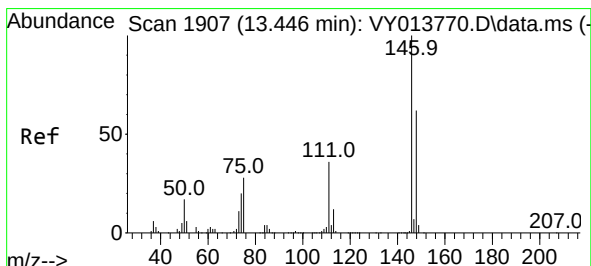
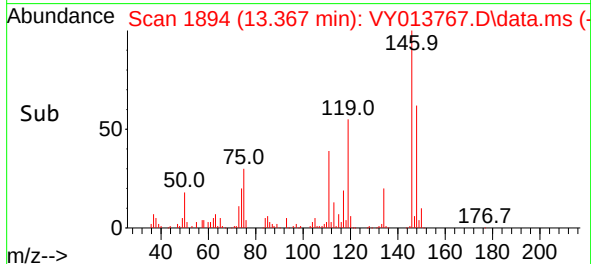
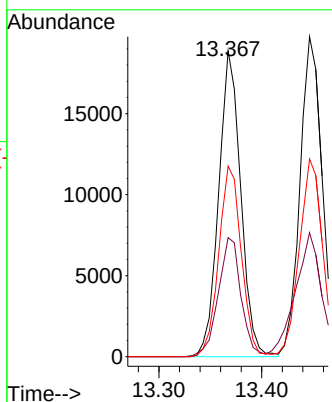
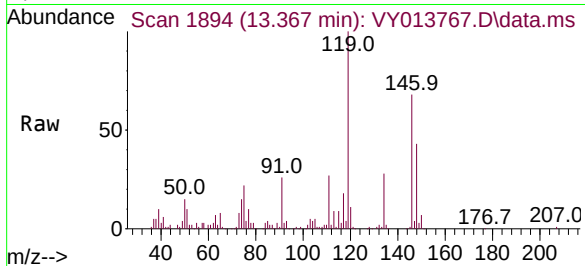




#87
1,3-Dichlorobenzene
Concen: 5.233 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

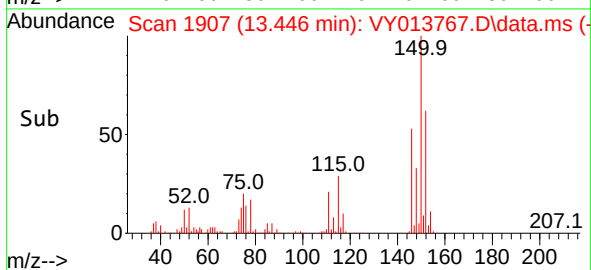
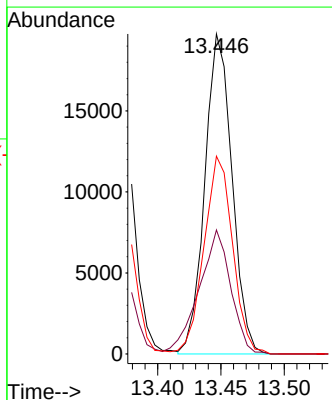
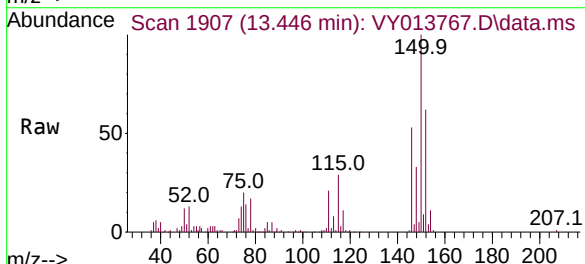
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

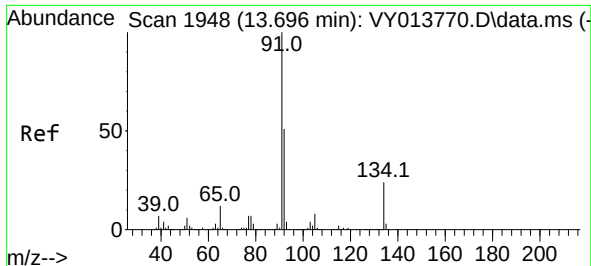
Tgt Ion:146 Resp: 28109
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 5.471 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion:146 Resp: 29545
Ion Ratio Lower Upper
146 100
111 45.2 18.9 56.7
148 65.3 31.6 94.7





#89

n-Butylbenzene

Concen: 4.920 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013767.D

Acq: 17 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

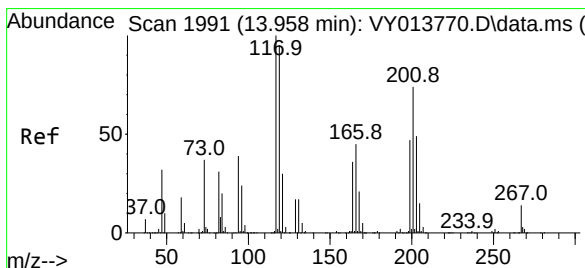
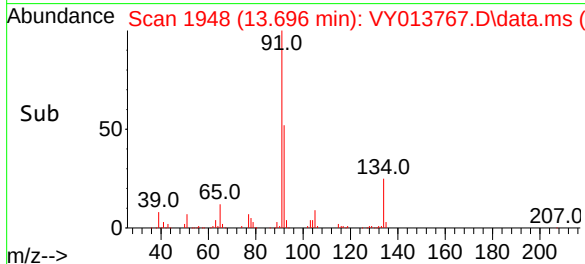
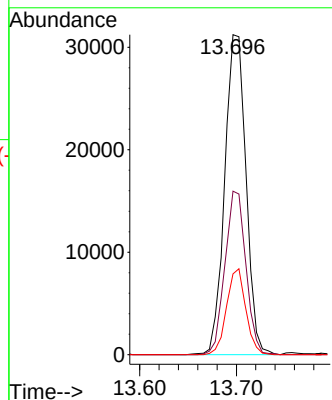
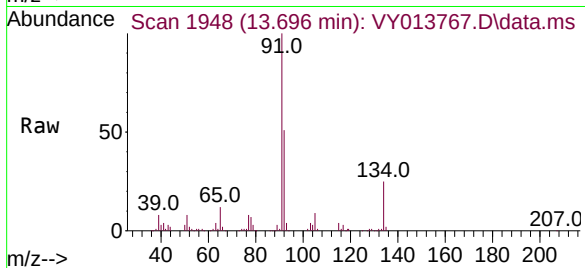
Tgt Ion: 91 Resp: 47725

Ion Ratio Lower Upper

91 100

92 50.2 25.4 76.4

134 24.2 12.2 36.6



#90

Hexachloroethane

Concen: 5.220 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013767.D

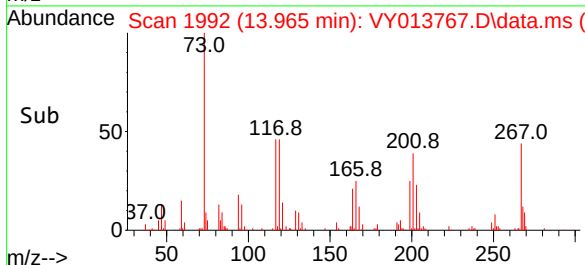
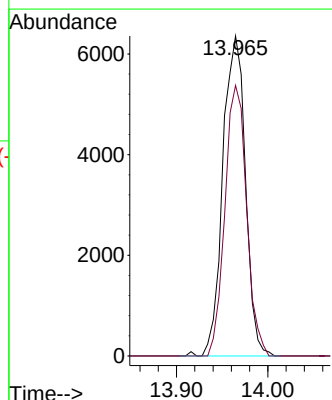
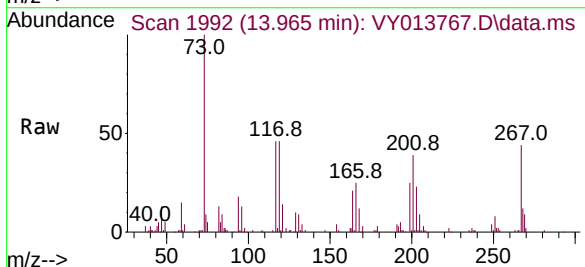
Acq: 17 May 2023 10:14

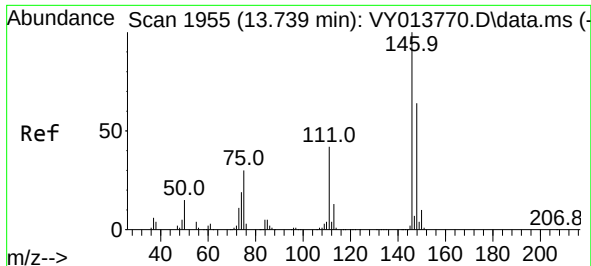
Tgt Ion: 117 Resp: 10914

Ion Ratio Lower Upper

117 100

201 81.1 39.2 117.6

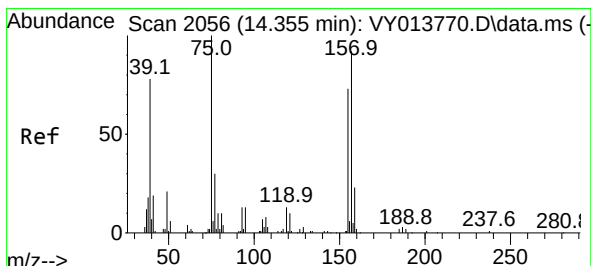
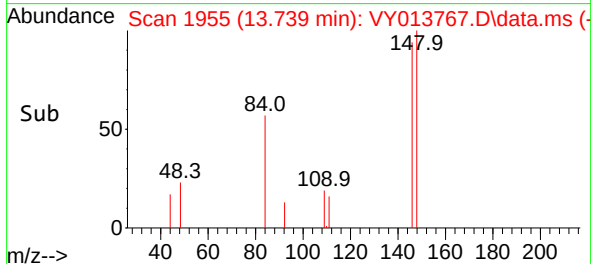
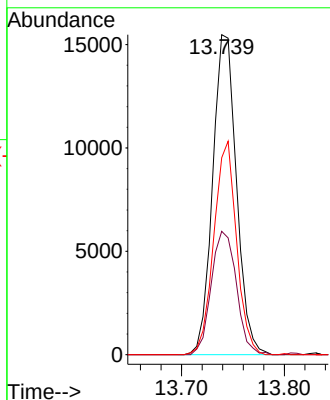
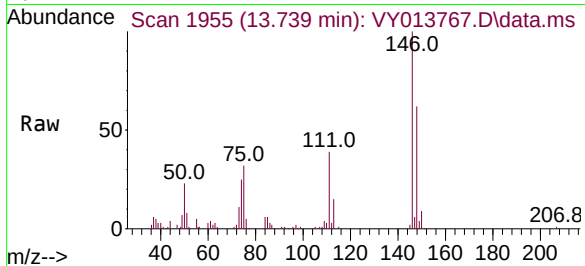




#91
1,2-Dichlorobenzene
Concen: 5.203 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

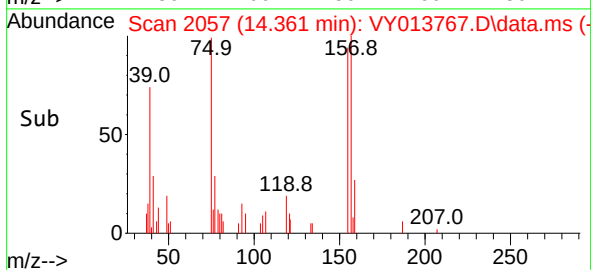
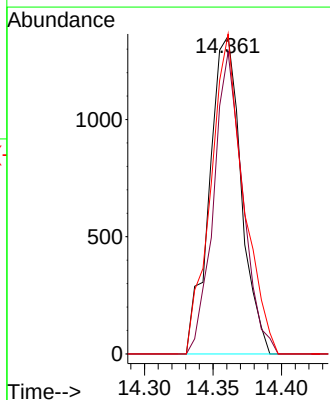
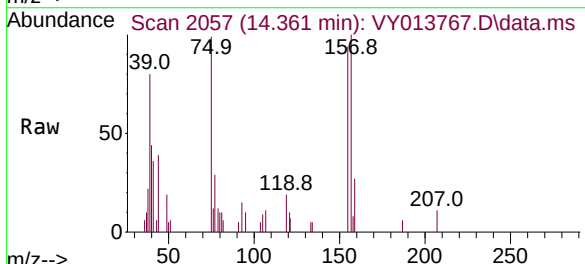
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

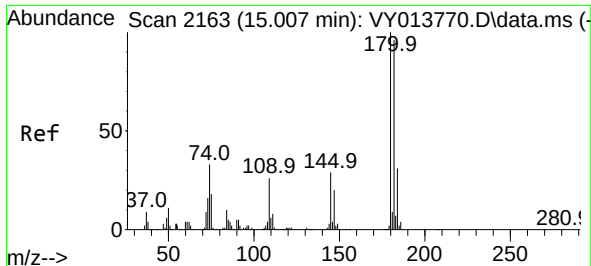
Tgt Ion:	146	Resp:	24885
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.0	59.9
148	63.6	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.984 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion:	75	Resp:	2188
Ion Ratio	Lower	Upper	
75	100		
155	87.2	39.1	117.3
157	103.9	50.2	150.7

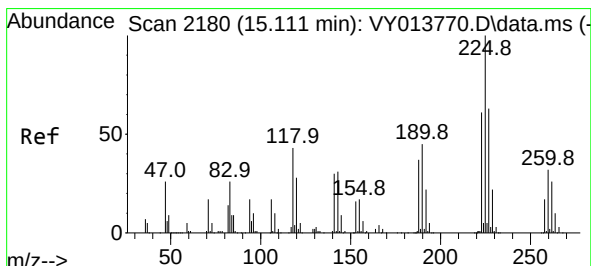
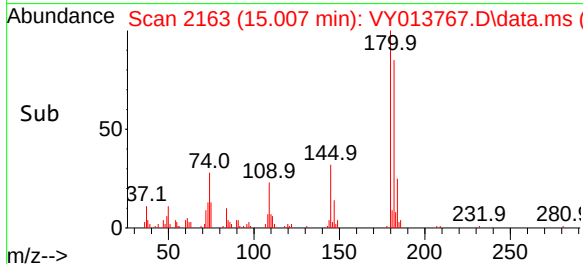
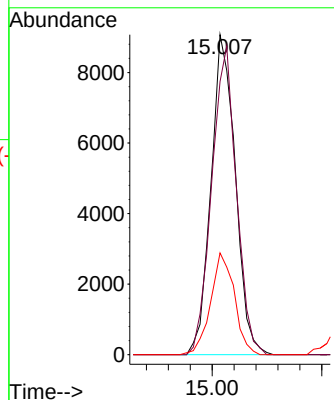
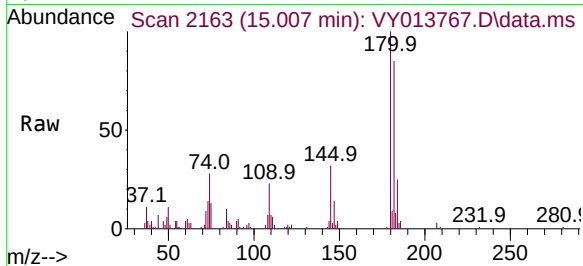




#93
 1,2,4-Trichlorobenzene
 Concen: 4.922 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY013767.D
 Acq: 17 May 2023 10:14

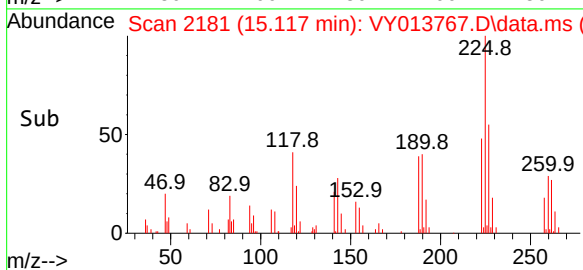
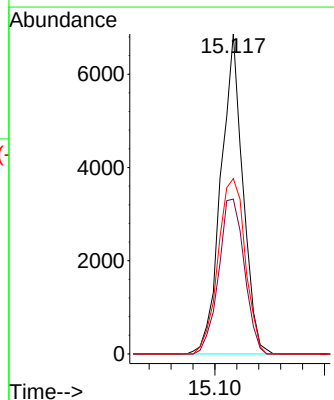
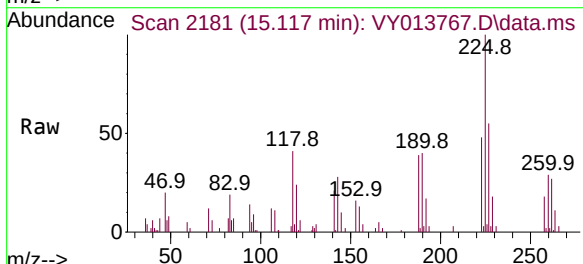
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

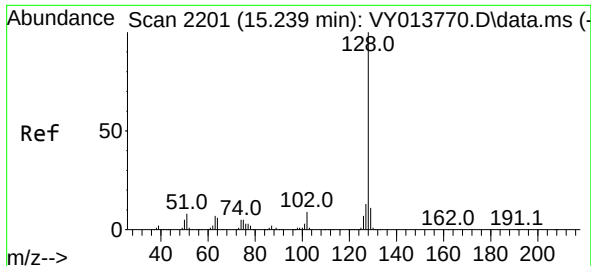
Tgt Ion:180 Resp: 13969
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.4 142.3
 145 31.1 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 5.399 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. 0.006 min
 Lab File: VY013767.D
 Acq: 17 May 2023 10:14

Tgt Ion:225 Resp: 9520
 Ion Ratio Lower Upper
 225 100
 223 56.6 30.6 91.6
 227 67.6 31.6 94.7

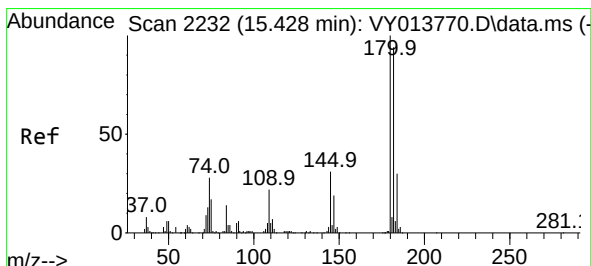
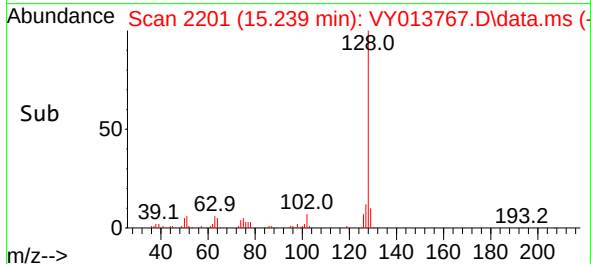
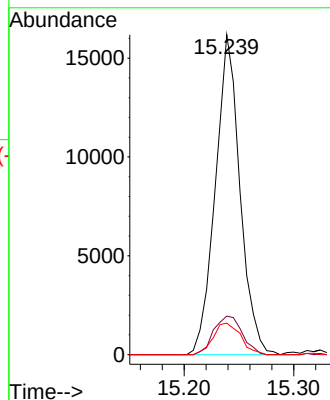
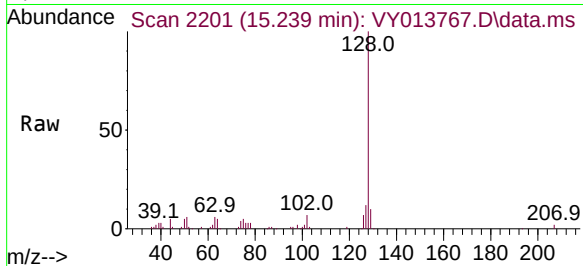




#95
Naphthalene
Concen: 4.483 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	25252
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.8 16.2
129	11.1	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.070 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY013767.D
Acq: 17 May 2023 10:14

Tgt Ion:180	Resp:	12946
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.8 143.4
145	33.2	15.6 46.7

