

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013768.D
 Acq On : 17 May 2023 10:37
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: May 18 06:36:29 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	254027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	408336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	361011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	30234	10.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.500%#
35) Dibromofluoromethane	7.722	113	26335	10.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.120%#
50) Toluene-d8	10.185	98	100331	10.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.220%#
62) 4-Bromofluorobenzene	12.483	95	32591	9.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.760%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18904	10.365	ug/l	98
3) Chloromethane	2.113	50	28121	10.170	ug/l	100
4) Vinyl Chloride	2.253	62	28152	10.196	ug/l	98
5) Bromomethane	2.656	94	24285	9.919	ug/l	96
6) Chloroethane	2.796	64	17908	9.436	ug/l	95
7) Trichlorofluoromethane	3.131	101	40585	10.100	ug/l	100
8) Diethyl Ether	3.534	74	12691	9.438	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	23753	10.100	ug/l	99
10) Methyl Iodide	4.107	142	23172	8.968	ug/l	98
11) Tert butyl alcohol	4.991	59	10338	43.244	ug/l	95
12) 1,1-Dichloroethene	3.881	96	20641	9.683	ug/l	99
13) Acrolein	3.735	56	20703	48.478	ug/l	97
14) Allyl chloride	4.491	41	40586	9.665	ug/l	98
15) Acrylonitrile	5.173	53	37330	47.340	ug/l	99
16) Acetone	3.960	43	41527	46.643	ug/l	98
17) Carbon Disulfide	4.198	76	59269	9.676	ug/l	96
18) Methyl Acetate	4.485	43	29067	9.365	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	60817	9.403	ug/l	100
20) Methylene Chloride	4.716	84	37414	8.894	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	23146	9.643	ug/l	97
22) Diisopropyl ether	6.125	45	84075	9.412	ug/l	96
23) Vinyl Acetate	6.070	43	236227	45.702	ug/l	100
24) 1,1-Dichloroethane	6.021	63	47809	9.791	ug/l	96
25) 2-Butanone	6.990	43	51875	44.822	ug/l	95
26) 2,2-Dichloropropane	6.984	77	40854	9.795	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	27013	9.551	ug/l	98
28) Bromochloromethane	7.332	49	18364	10.749	ug/l	95
29) Tetrahydrofuran	7.356	42	31440	45.401	ug/l	99
30) Chloroform	7.515	83	48533	9.863	ug/l	96
31) Cyclohexane	7.789	56	42959	10.154	ug/l #	90
32) 1,1,1-Trichloroethane	7.710	97	41198	9.808	ug/l	99
36) 1,1-Dichloropropene	7.929	75	34199	9.453	ug/l	99
37) Ethyl Acetate	7.082	43	23829	9.575	ug/l	98
38) Carbon Tetrachloride	7.905	117	36994	9.693	ug/l	94
39) Methylcyclohexane	9.191	83	38546	9.374	ug/l	97
40) Benzene	8.167	78	102276	9.728	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	31237	26.019	ug/l #	37
42) 1,2-Dichloroethane	8.240	62	33702	9.921	ug/l	100
43) Isopropyl Acetate	8.277	43	39915	8.837	ug/l	97
44) Trichloroethene	8.941	130	27303	9.934	ug/l	92
45) 1,2-Dichloropropane	9.215	63	27664	9.575	ug/l	97
46) Dibromomethane	9.313	93	15375	9.502	ug/l	97
47) Bromodichloromethane	9.502	83	37080	9.677	ug/l	99
48) Methyl methacrylate	9.301	41	17997	8.674	ug/l	98
49) 1,4-Dioxane	9.313	88	3023	152.226	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	113166	44.989	ug/l	97
52) Toluene	10.246	92	60650	9.516	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	35762	9.052	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	42149	9.562	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	21227	9.646	ug/l	97
56) Ethyl methacrylate	10.514	69	25315	8.620	ug/l	93
57) 1,3-Dichloropropane	10.794	76	37054	9.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	52842	49.663	ug/l	99
59) 2-Hexanone	10.837	43	78647	43.986	ug/l	99
60) Dibromochloromethane	10.990	129	25525	9.572	ug/l	99
61) 1,2-Dibromoethane	11.093	107	19994	9.635	ug/l	97
64) Tetrachloroethene	10.721	164	22897	9.998	ug/l	97
65) Chlorobenzene	11.520	112	67892	9.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	25985	9.787	ug/l	98
67) Ethyl Benzene	11.599	91	113518	9.349	ug/l	99
68) m/p-Xylenes	11.709	106	85027	18.696	ug/l	97
69) o-Xylene	12.032	106	39886	9.220	ug/l	100
70) Styrene	12.044	104	67197	9.145	ug/l	100
71) Bromoform	12.209	173	17145	9.775	ug/l #	96
73) Isopropylbenzene	12.331	105	107854	9.140	ug/l	99
74) N-amyl acetate	12.148	43	34899	8.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	26901	9.623	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	32648	15.514	ug/l #	100
77) Bromobenzene	12.611	156	26576	9.336	ug/l	98
78) n-propylbenzene	12.672	91	133827	9.207	ug/l	98
79) 2-Chlorotoluene	12.757	91	76642	9.342	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	90450	9.400	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8614	9.091	ug/l	97
82) 4-Chlorotoluene	12.861	91	80450	9.414	ug/l	98
83) tert-Butylbenzene	13.075	119	79737	9.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	87850	9.315	ug/l	99
85) sec-Butylbenzene	13.257	105	117896	9.325	ug/l	100
86) p-Isopropyltoluene	13.373	119	95451	9.350	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	54070	9.757	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	53678	9.633	ug/l	96
89) n-Butylbenzene	13.702	91	91668	9.159	ug/l	100
90) Hexachloroethane	13.965	117	21138	9.798	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	46521	9.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4275	9.438	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	26926	9.195	ug/l	99
94) Hexachlorobutadiene	15.117	225	18025	9.909	ug/l	98
95) Naphthalene	15.239	128	48011	8.261	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	24566	9.324	ug/l	99

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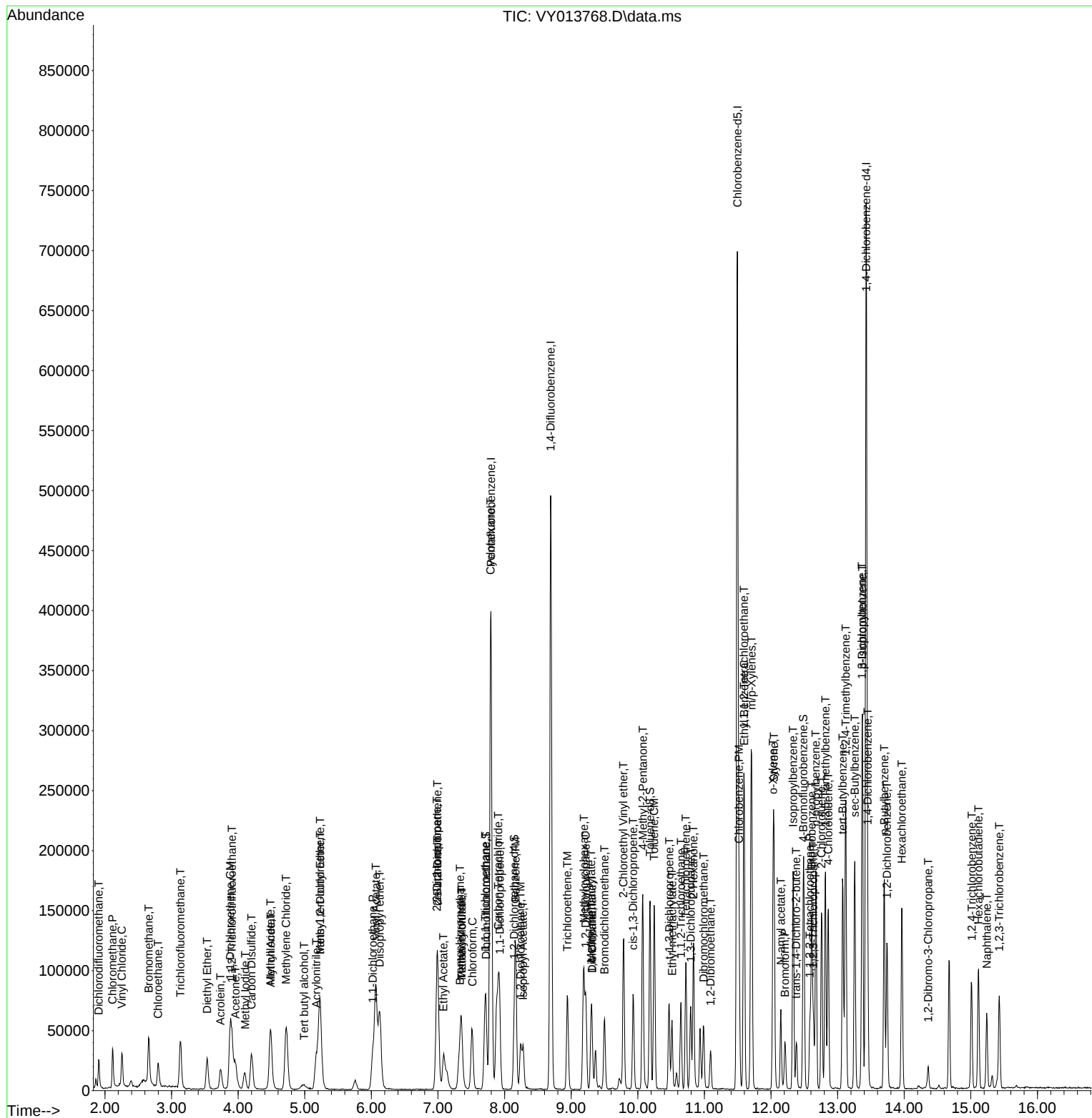
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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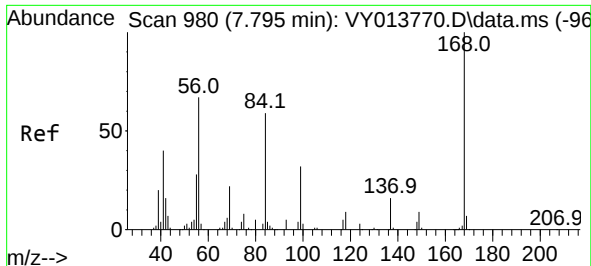
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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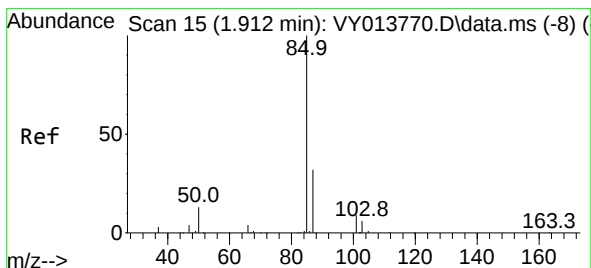
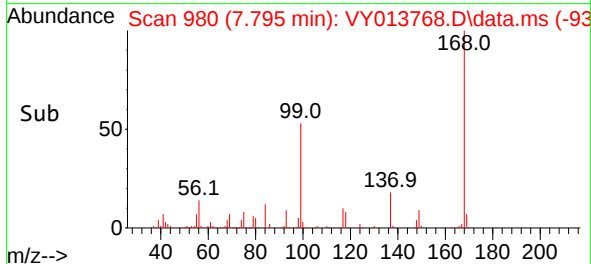
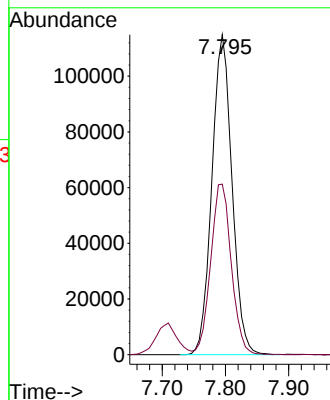
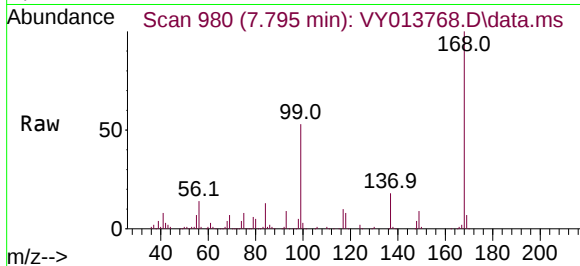




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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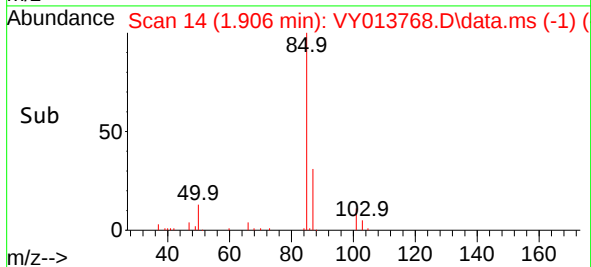
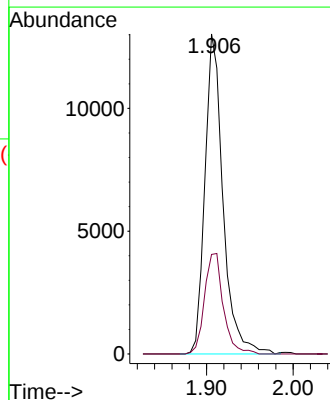
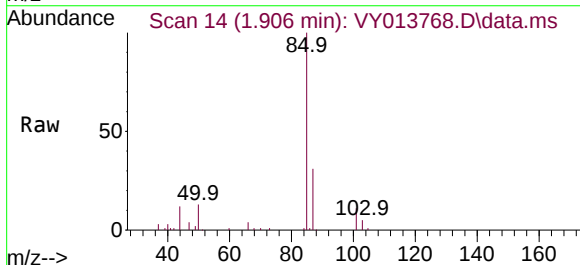
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

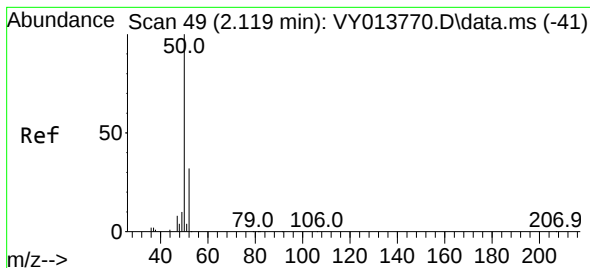
Tgt Ion:168 Resp: 254027
Ion Ratio Lower Upper
168 100
99 53.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 10.365 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 85 Resp: 18904
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2





#3

Chloromethane

Concen: 10.170 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

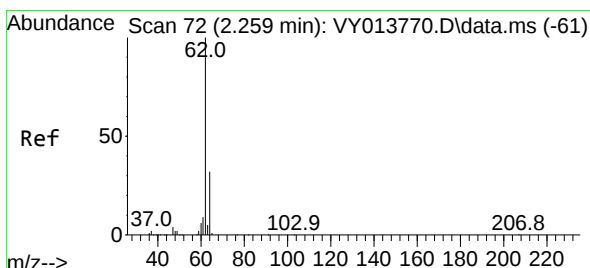
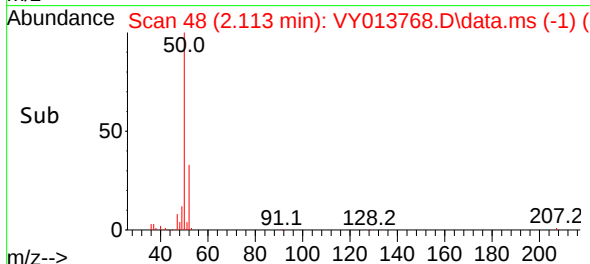
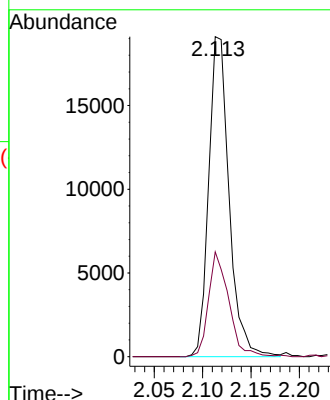
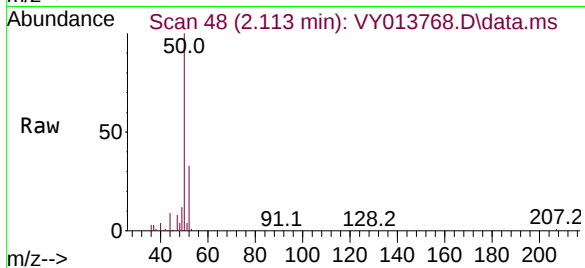
VSTDIC010

Tgt Ion: 50 Resp: 28121

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 10.196 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY013768.D

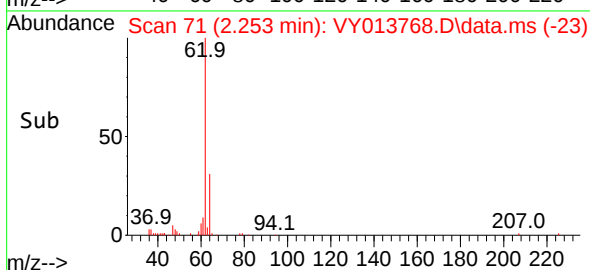
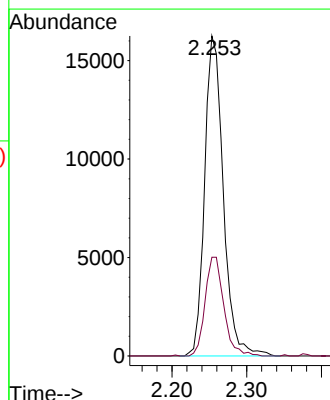
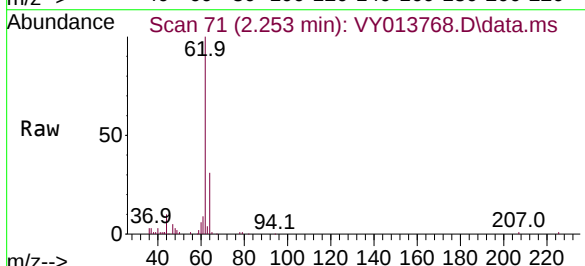
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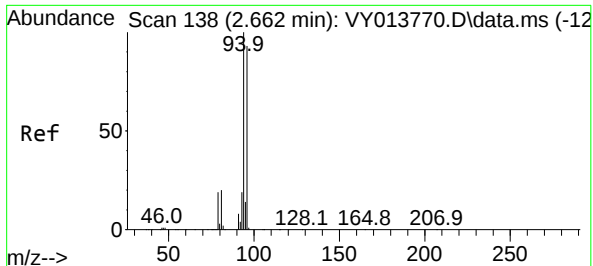
Tgt Ion: 62 Resp: 28152

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.6

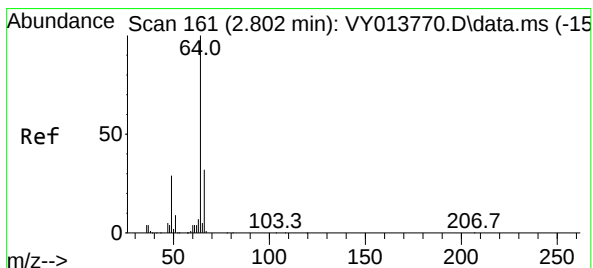
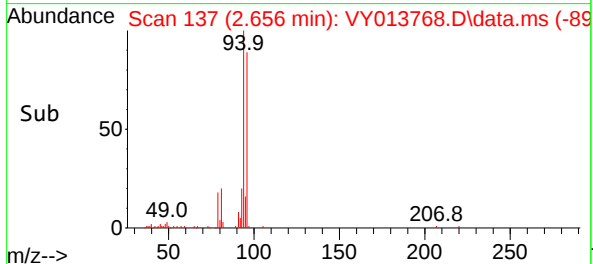
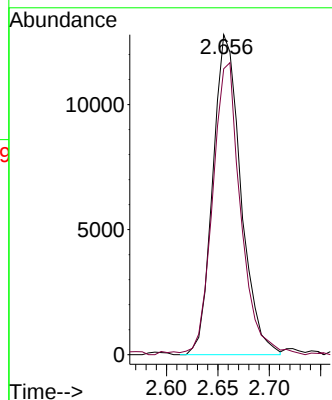
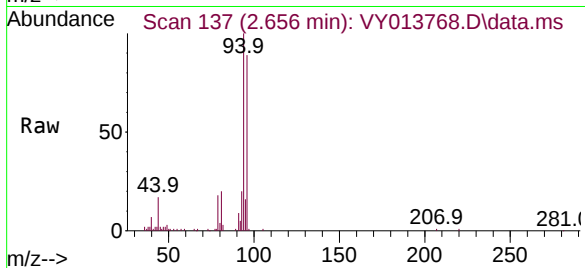




#5
Bromomethane
Concen: 9.919 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013768.D
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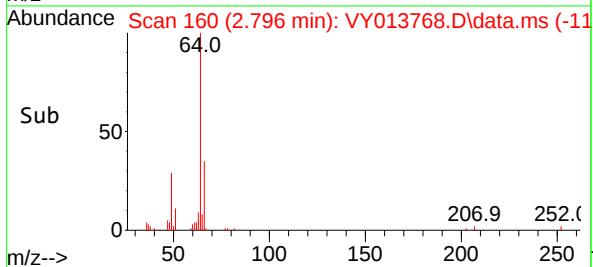
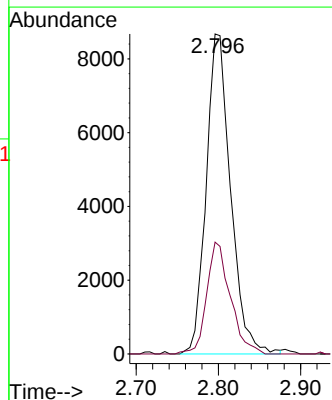
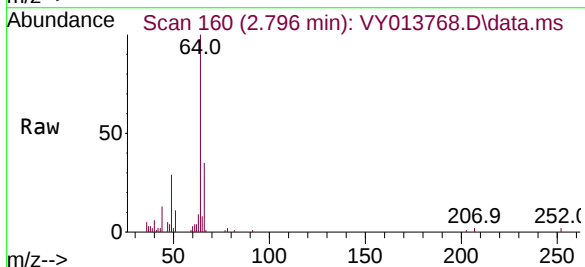
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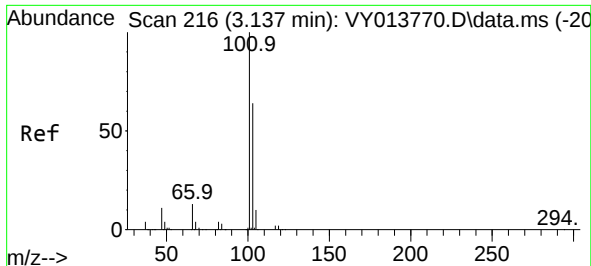
Tgt Ion: 94 Resp: 24285
Ion Ratio Lower Upper
94 100
96 88.7 74.2 111.4



#6
Chloroethane
Concen: 9.436 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013768.D
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Tgt Ion: 64 Resp: 17908
Ion Ratio Lower Upper
64 100
66 35.0 25.8 38.6

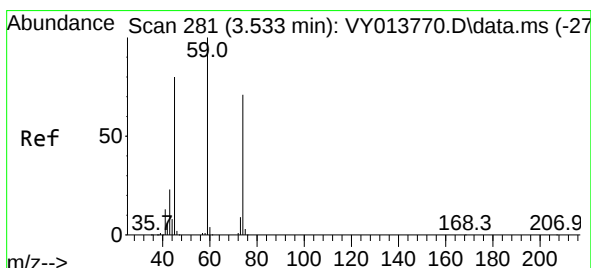
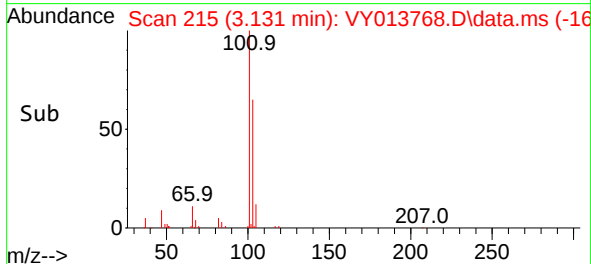
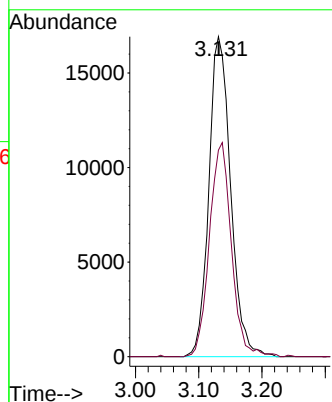
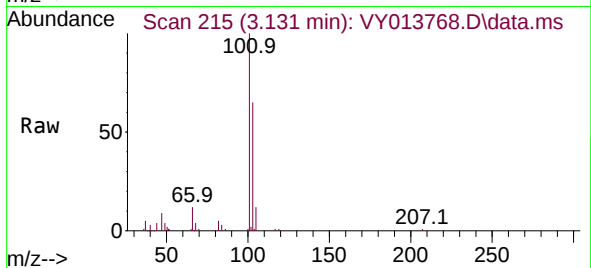




#7
Trichlorofluoromethane
Concen: 10.100 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

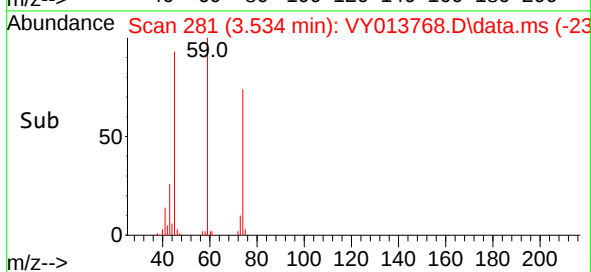
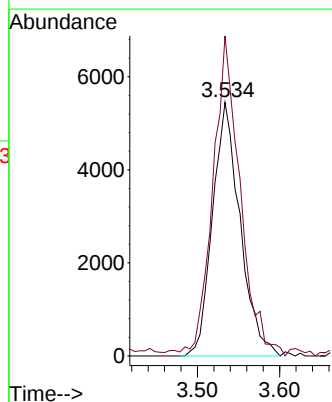
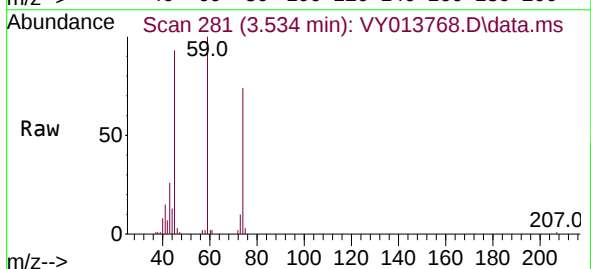
Instrument :
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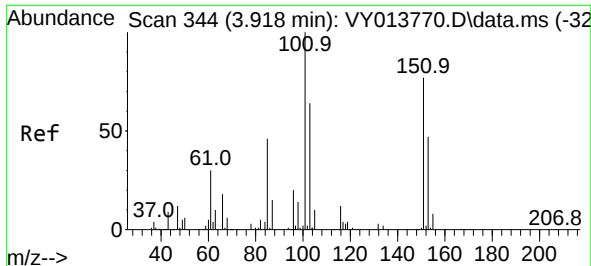
Tgt Ion:101 Resp: 40585
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0



#8
Diethyl Ether
Concen: 9.438 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 74 Resp: 12691
Ion Ratio Lower Upper
74 100
45 125.8 56.1 168.3

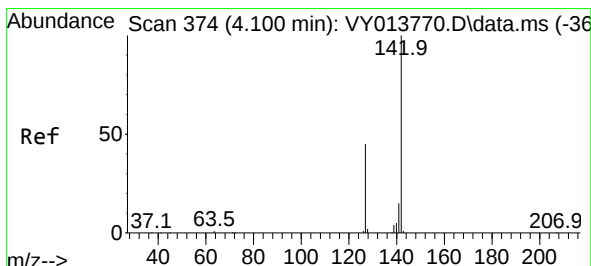
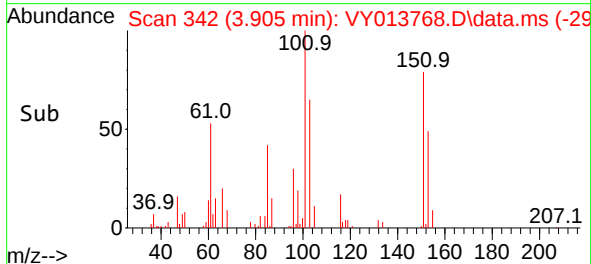
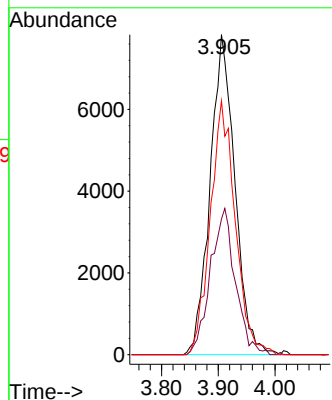
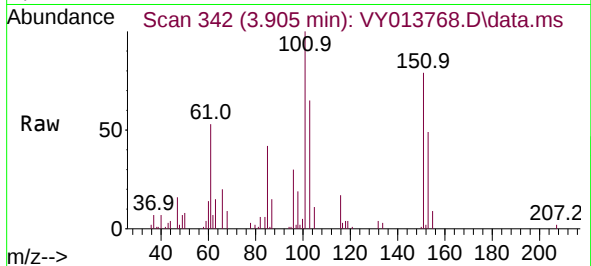




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.100 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

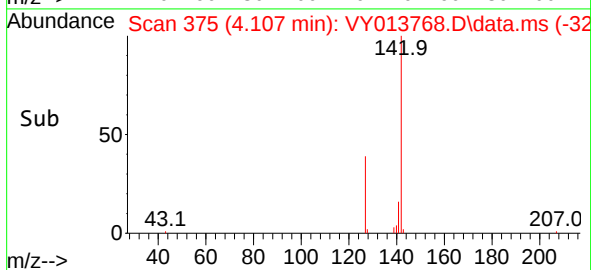
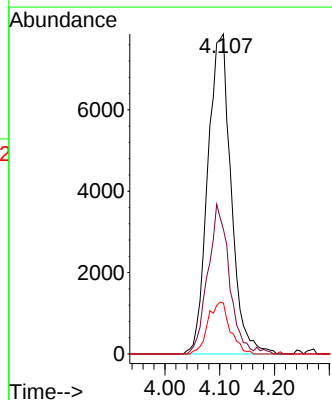
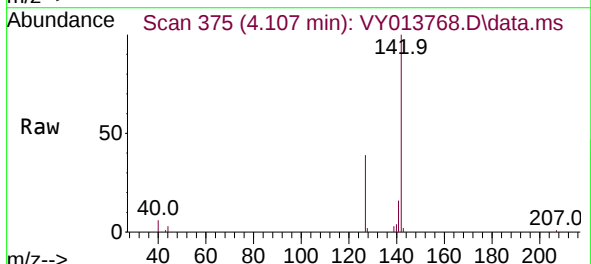
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

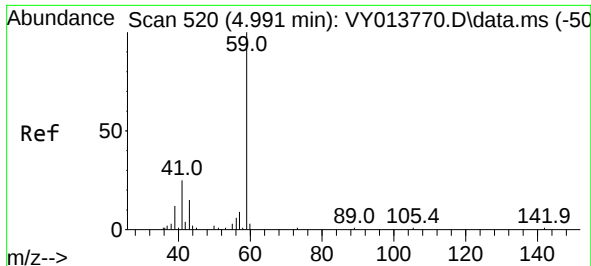
Tgt Ion:101 Resp: 23753
Ion Ratio Lower Upper
101 100
85 46.0 37.8 56.8
151 79.9 64.2 96.2



#10
Methyl Iodide
Concen: 8.968 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion:142 Resp: 23172
Ion Ratio Lower Upper
142 100
127 42.8 35.4 53.2
141 15.4 11.5 17.3

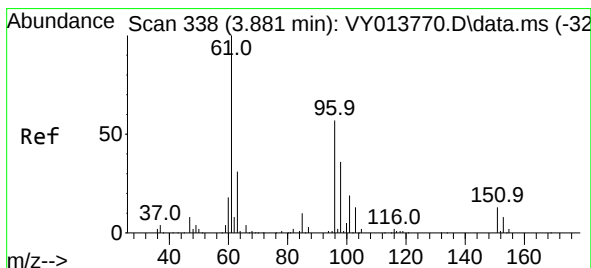
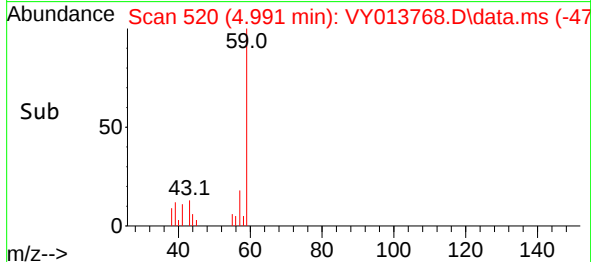
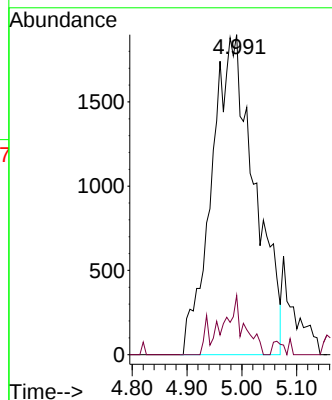
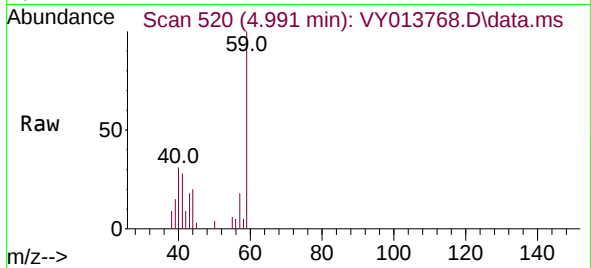




#11
Tert butyl alcohol
Concen: 43.244 ug/l
RT: 4.991 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

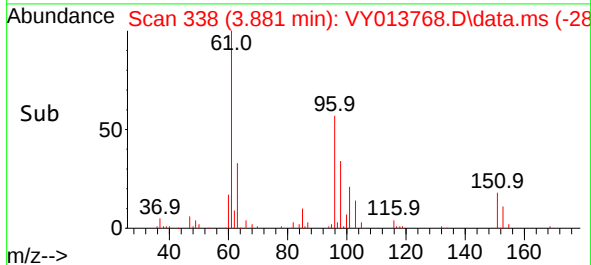
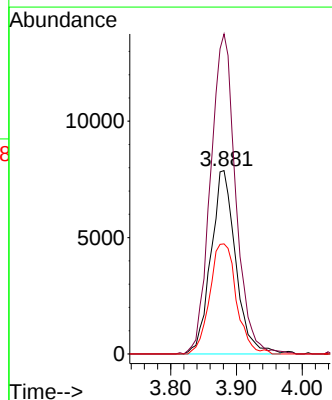
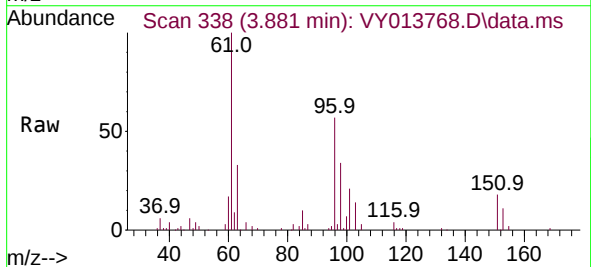
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

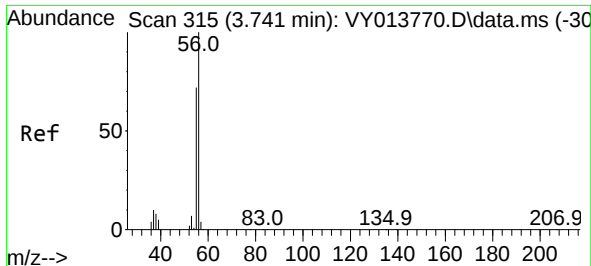
Tgt Ion: 59 Resp: 10338
Ion Ratio Lower Upper
59 100
57 8.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 9.683 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 96 Resp: 20641
Ion Ratio Lower Upper
96 100
61 173.9 139.8 209.6
98 60.1 49.7 74.5

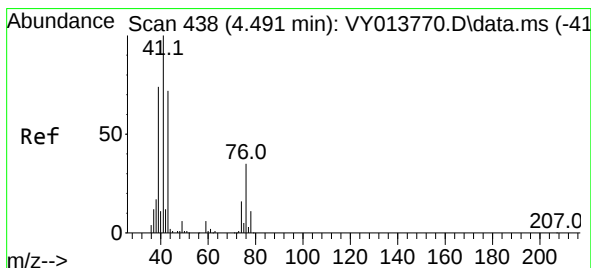
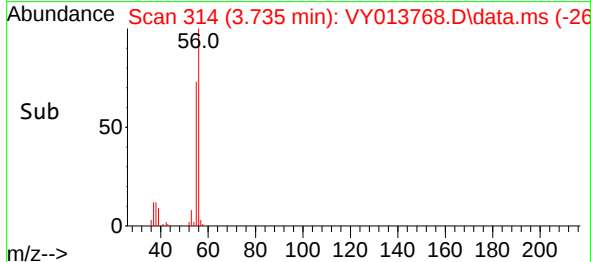
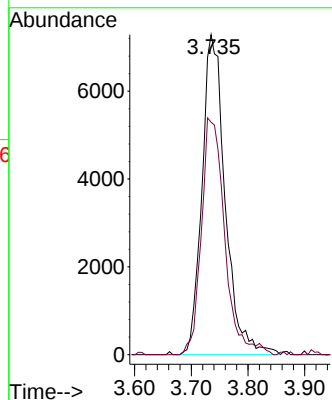
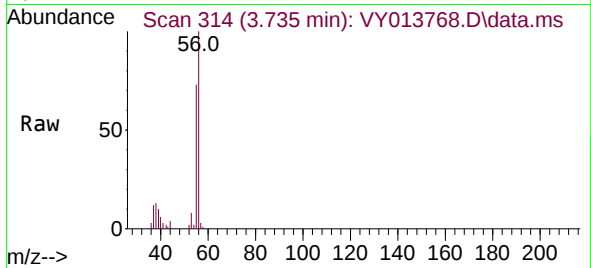




#13
Acrolein
Concen: 48.478 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

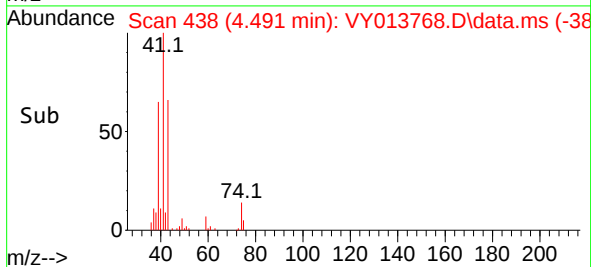
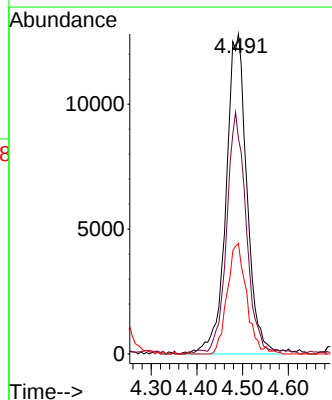
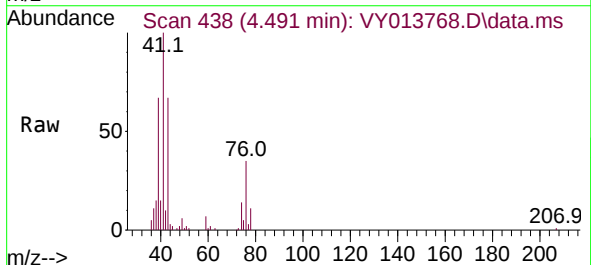
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

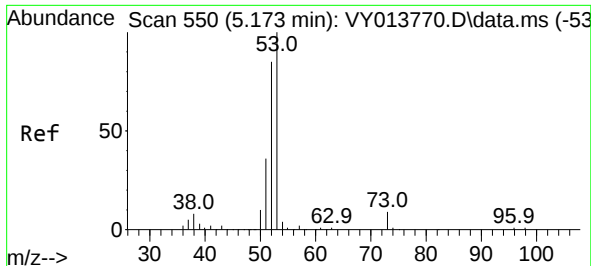
Tgt Ion: 56 Resp: 20703
Ion Ratio Lower Upper
56 100
55 74.3 57.5 86.3



#14
Allyl chloride
Concen: 9.665 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 41 Resp: 40586
Ion Ratio Lower Upper
41 100
39 71.4 55.8 83.6
76 32.4 26.2 39.2

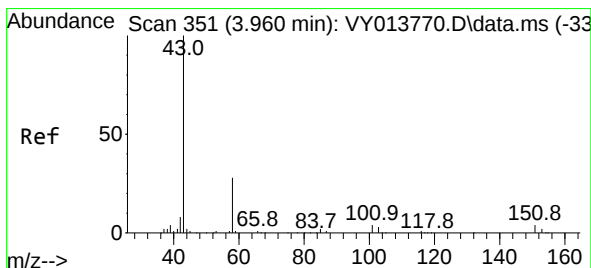
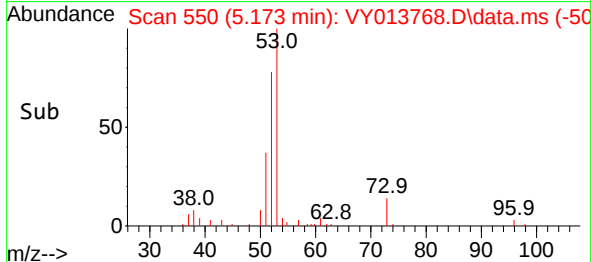
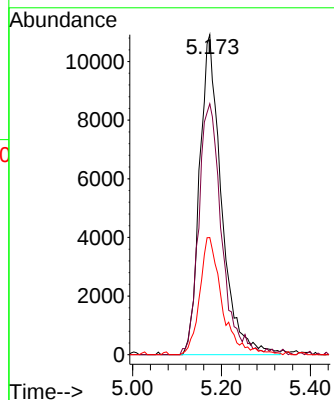
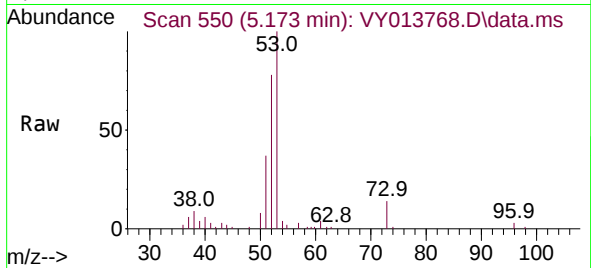




#15
Acrylonitrile
Concen: 47.340 ug/l
RT: 5.173 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

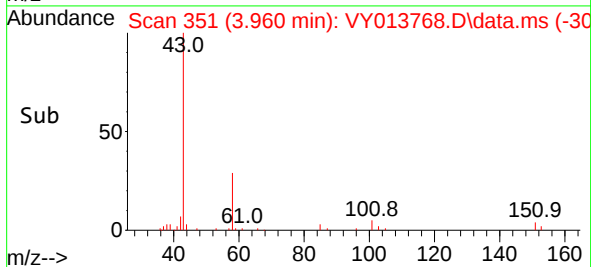
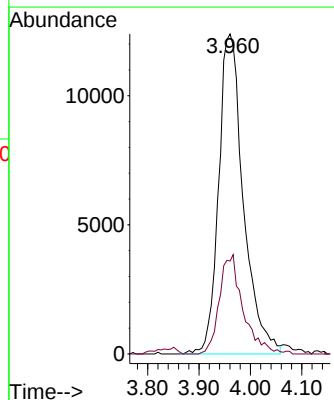
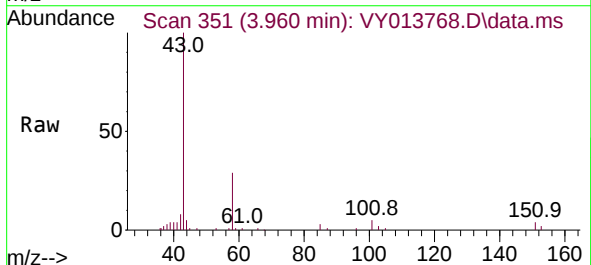
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

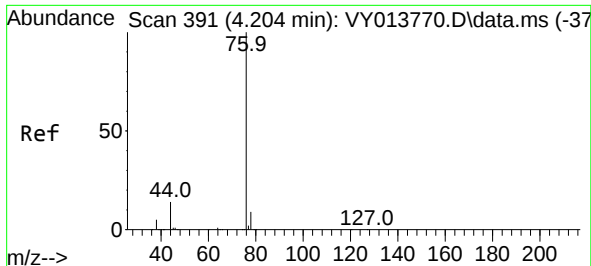
Tgt Ion: 53 Resp: 37330
Ion Ratio Lower Upper
53 100
52 81.8 66.5 99.7
51 37.4 30.1 45.1



#16
Acetone
Concen: 46.643 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 43 Resp: 41527
Ion Ratio Lower Upper
43 100
58 28.5 23.7 35.5

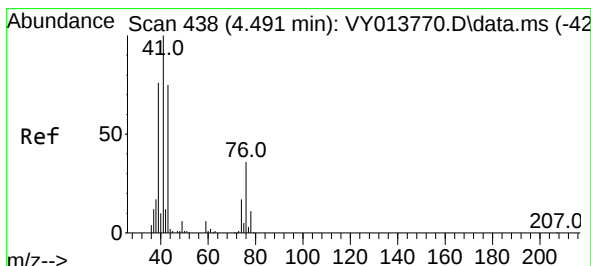
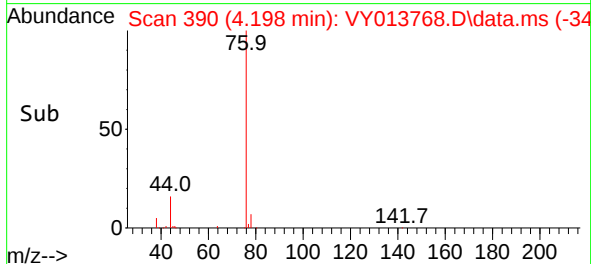
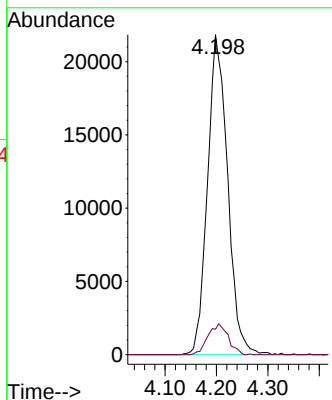
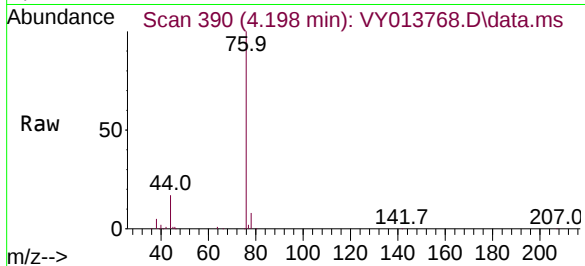




#17
Carbon Disulfide
Concen: 9.676 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

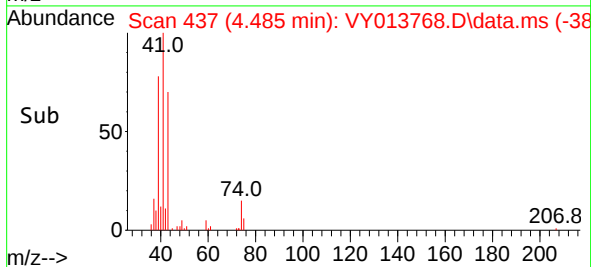
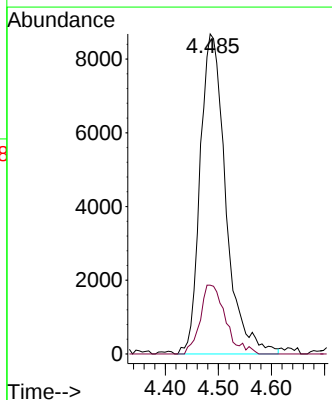
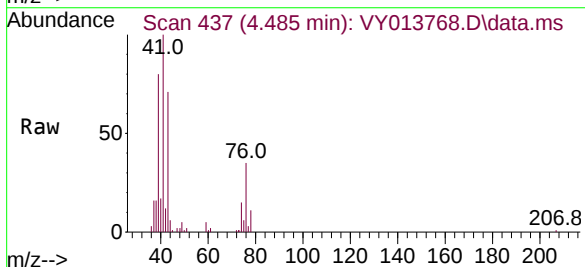
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

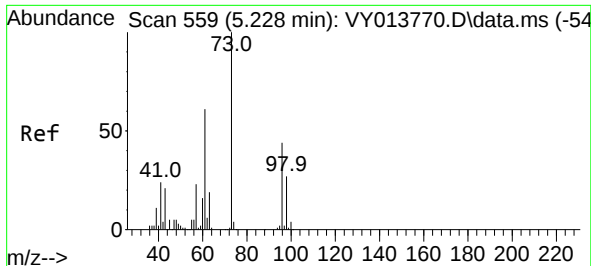
Tgt Ion: 76 Resp: 59269
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#18
Methyl Acetate
Concen: 9.365 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 43 Resp: 29067
Ion Ratio Lower Upper
43 100
74 21.3 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 9.403 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

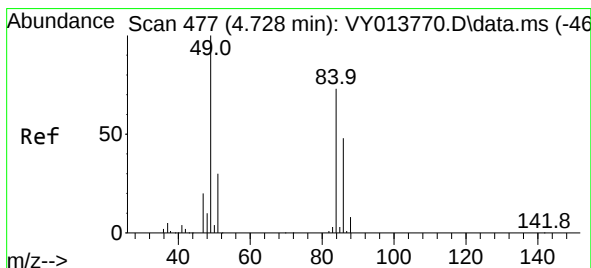
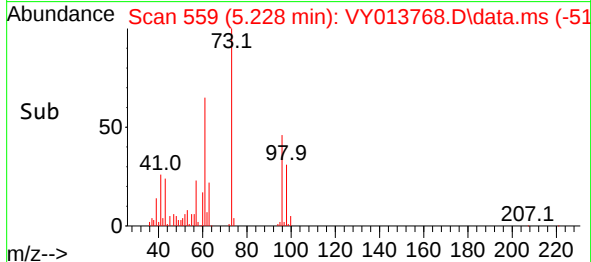
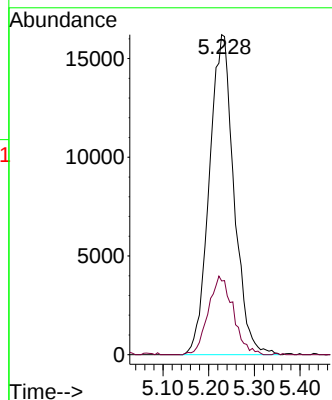
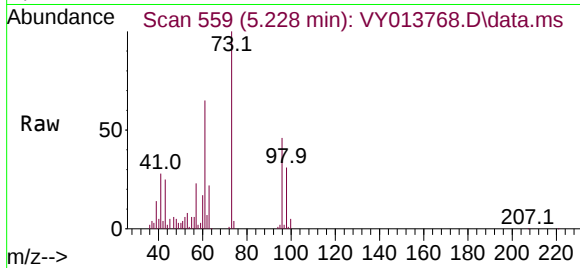
VSTDIC010

Tgt Ion: 73 Resp: 60817

Ion Ratio Lower Upper

73 100

57 23.0 18.6 27.8



#20

Methylene Chloride

Concen: 8.894 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Tgt Ion: 84 Resp: 37414

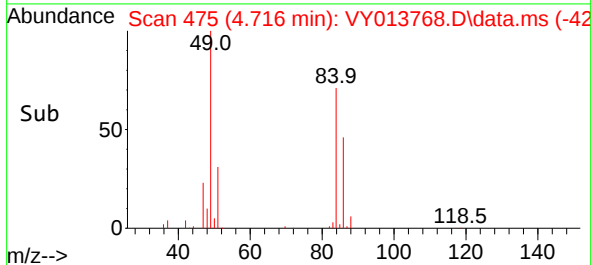
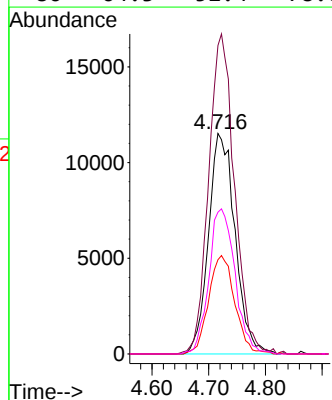
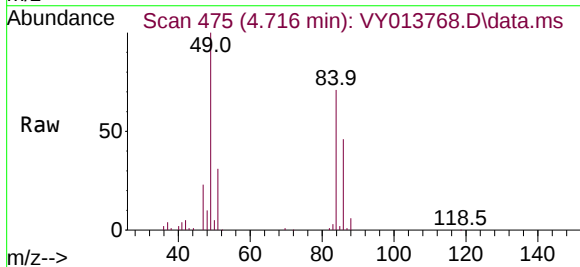
Ion Ratio Lower Upper

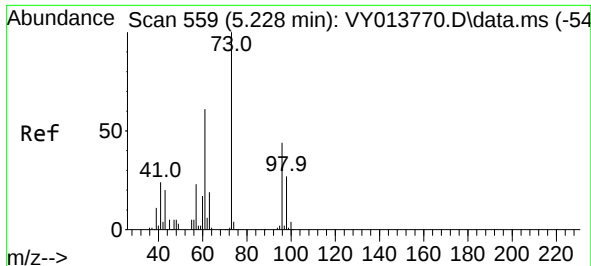
84 100

49 139.4 109.4 164.0

51 42.7 32.8 49.2

86 64.3 52.4 78.6

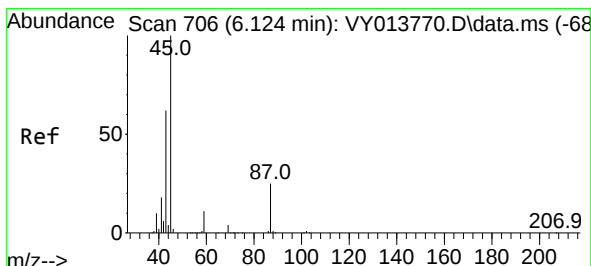
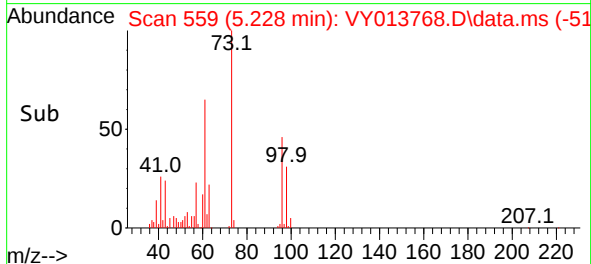
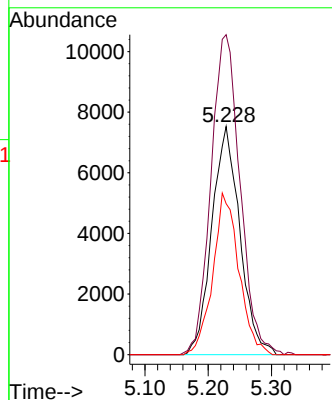
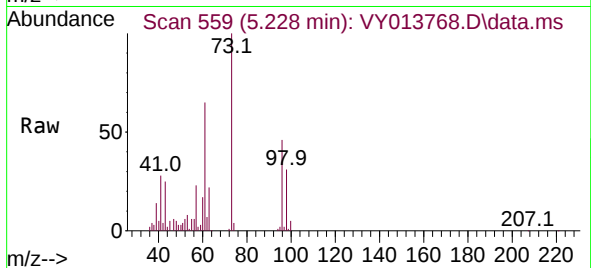




#21
trans-1,2-Dichloroethene
Concen: 9.643 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

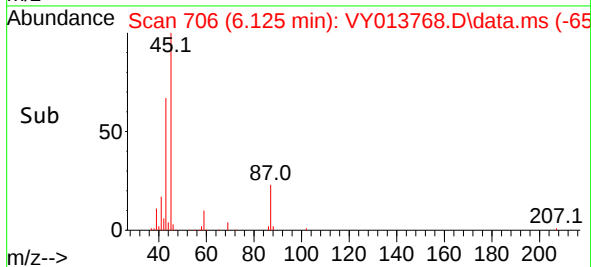
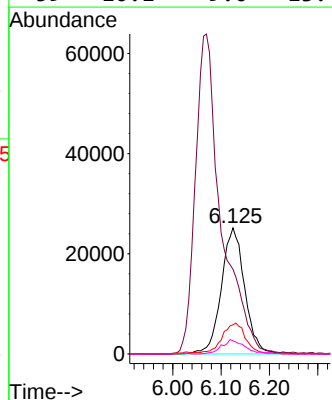
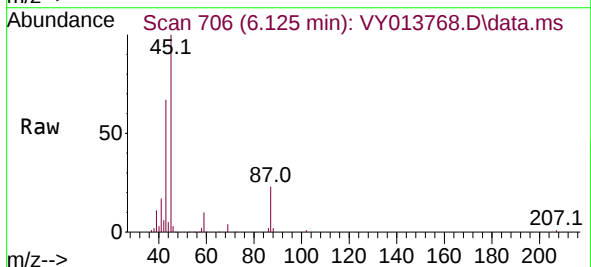
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

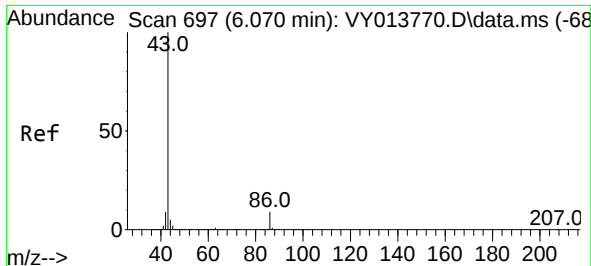
Tgt Ion: 96 Resp: 23146
Ion Ratio Lower Upper
96 100
61 140.2 110.8 166.2
98 66.2 48.6 72.8



#22
Diisopropyl ether
Concen: 9.412 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 45 Resp: 84075
Ion Ratio Lower Upper
45 100
43 65.9 49.7 74.5
87 22.9 19.9 29.9
59 10.1 9.0 13.4

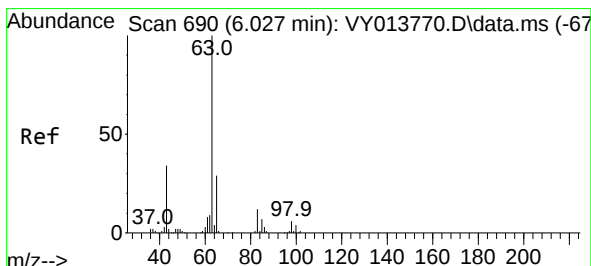
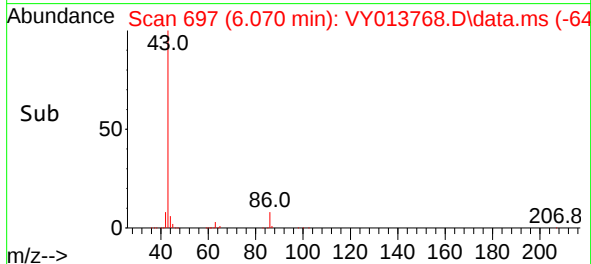
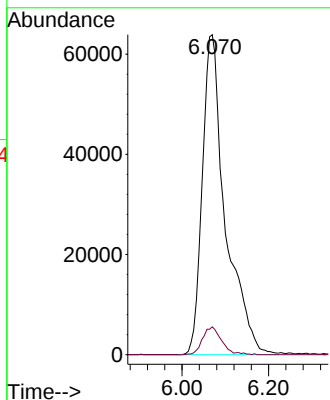
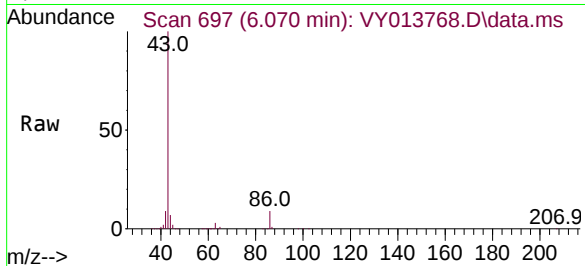




#23
 Vinyl Acetate
 Concen: 45.702 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

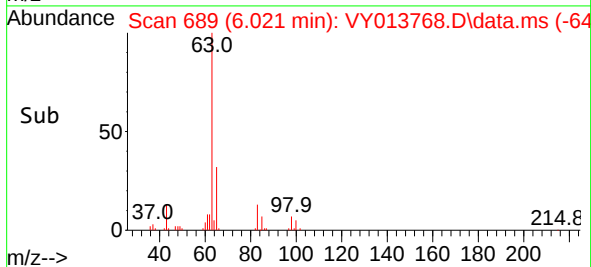
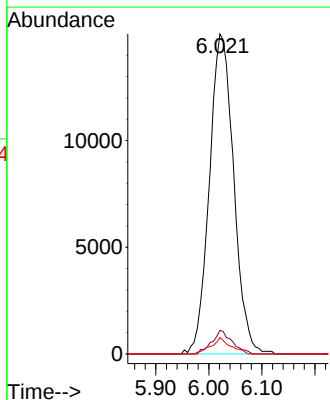
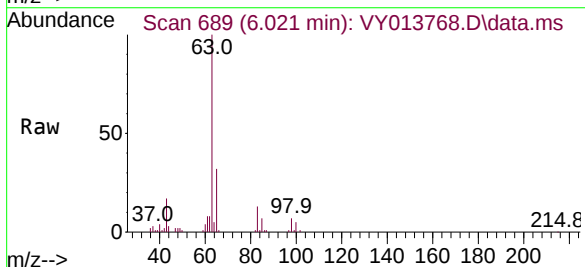
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

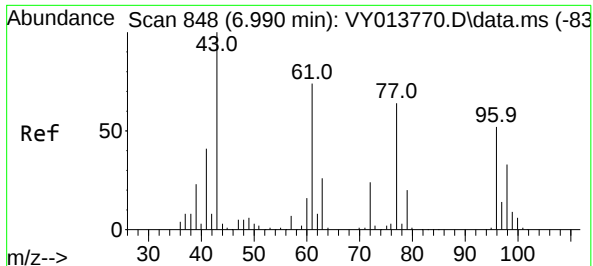
Tgt Ion: 43 Resp: 236227
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 9.791 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

Tgt Ion: 63 Resp: 47809
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.0 9.0
 100 5.2 2.0 6.0





#25

2-Butanone

Concen: 44.822 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

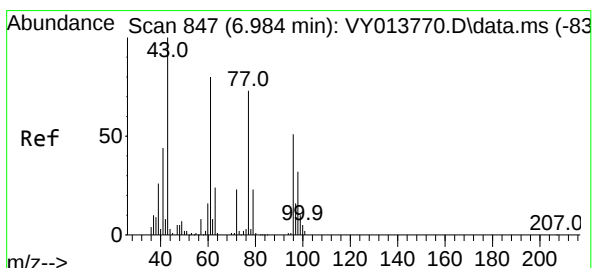
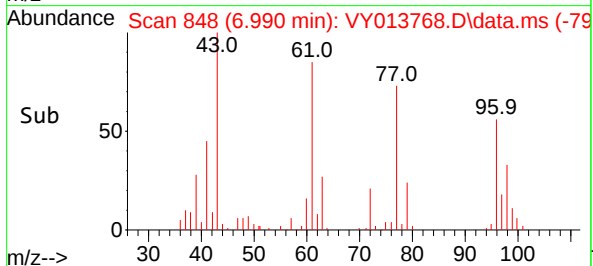
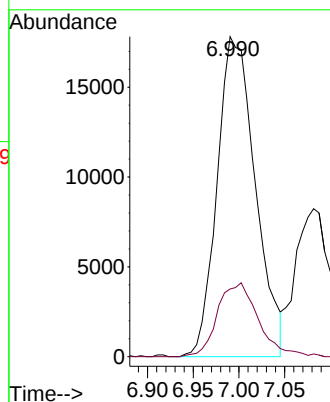
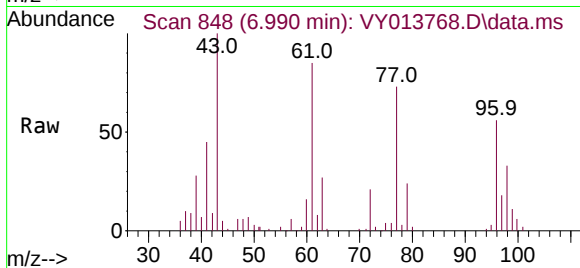
VSTDIC010

Tgt Ion: 43 Resp: 51875

Ion Ratio Lower Upper

43 100

72 21.2 19.0 28.6



#26

2,2-Dichloropropane

Concen: 9.795 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013768.D

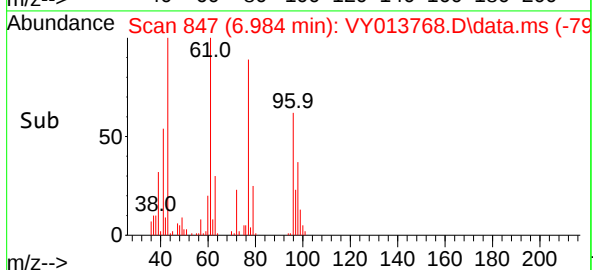
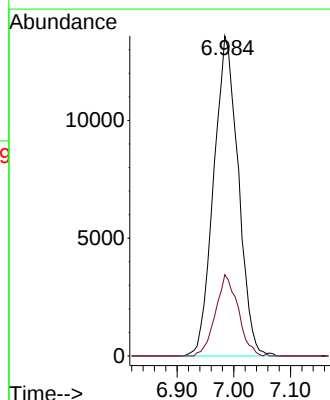
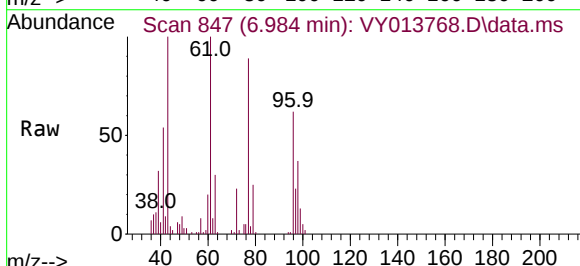
Acq: 17 May 2023 10:37

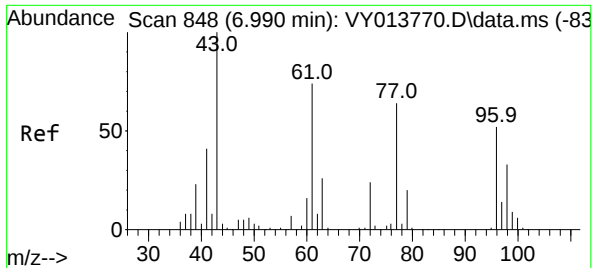
Tgt Ion: 77 Resp: 40854

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8

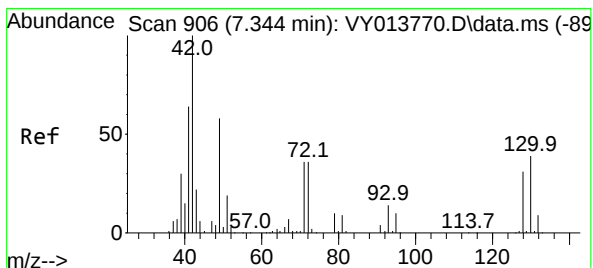
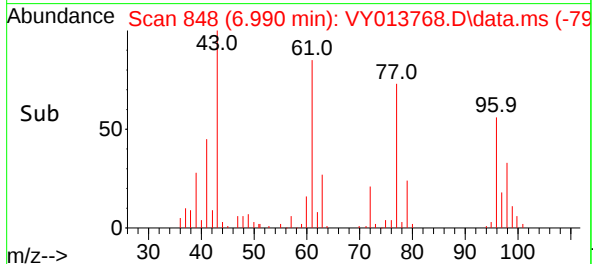
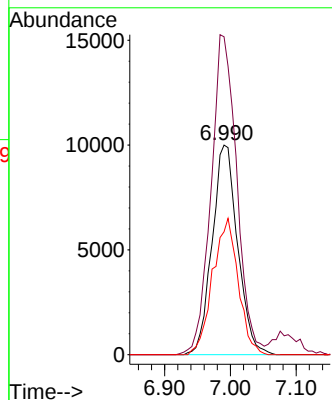
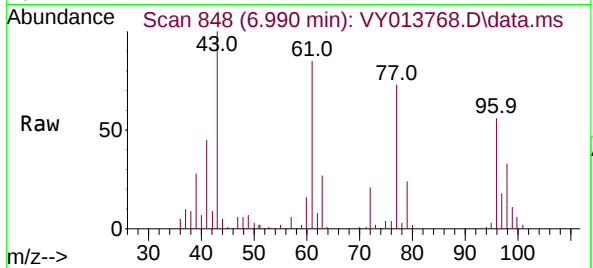




#27
 cis-1,2-Dichloroethene
 Concen: 9.551 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

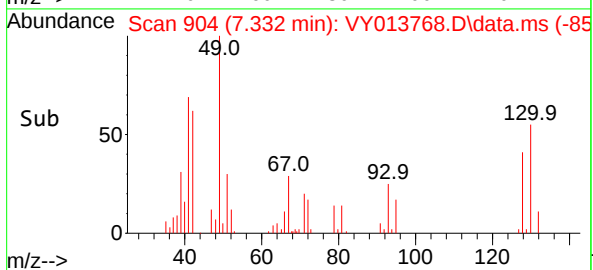
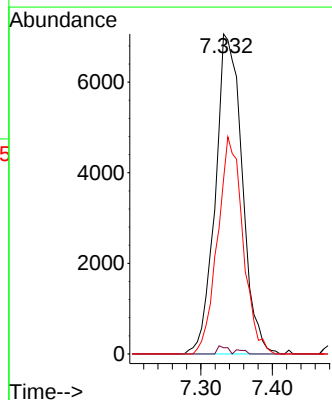
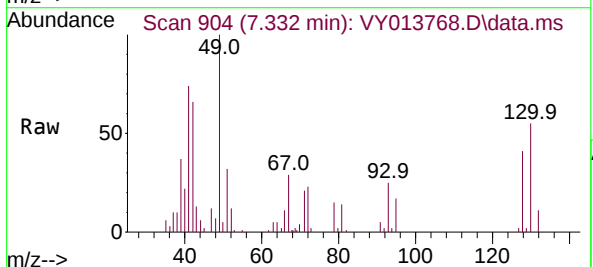
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

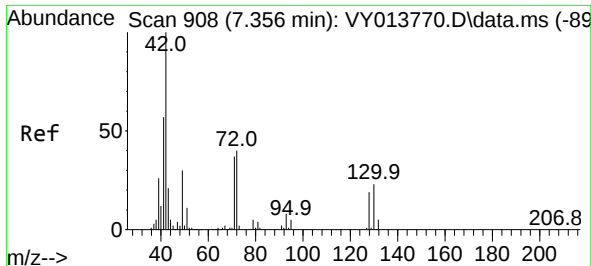
Tgt Ion:	96	Resp:	27013
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	300.6
98	64.9	0.0	127.8



#28
 Bromochloromethane
 Concen: 10.749 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.012 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

Tgt Ion:	49	Resp:	18364
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	64.3	54.4	81.6





#29

Tetrahydrofuran

Concen: 45.401 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

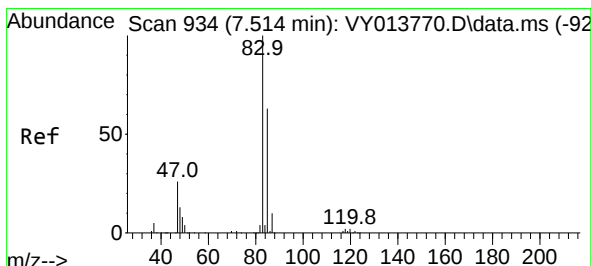
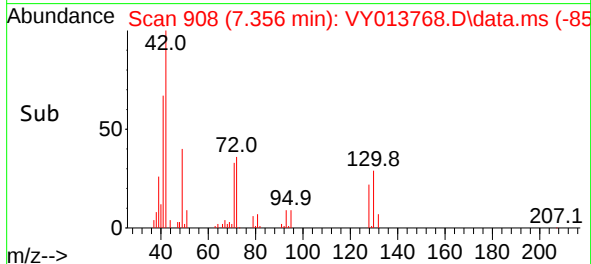
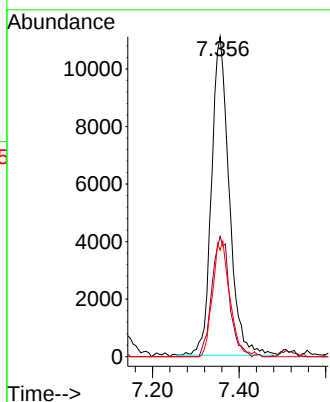
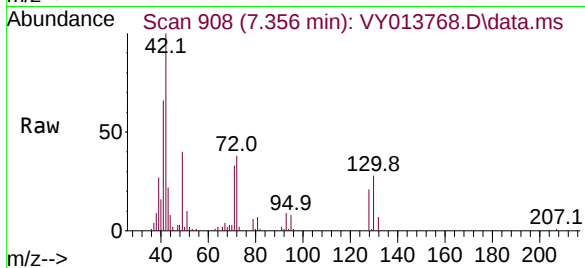
Tgt Ion: 42 Resp: 31440

Ion Ratio Lower Upper

42 100

72 37.5 30.7 46.1

71 35.6 29.0 43.6



#30

Chloroform

Concen: 9.863 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY013768.D

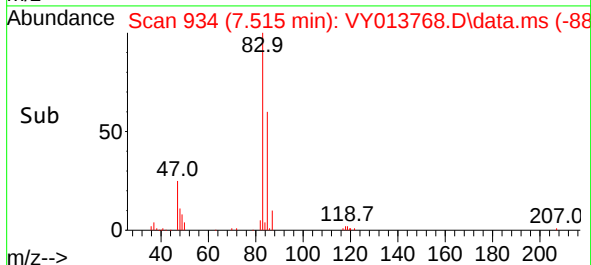
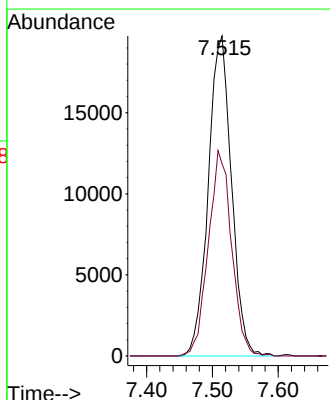
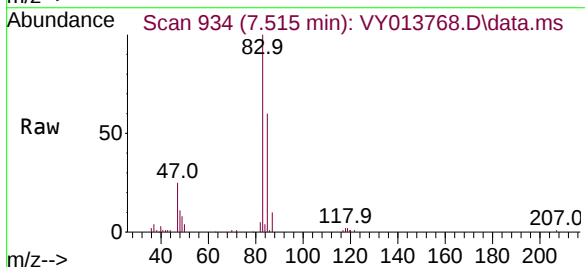
Acq: 17 May 2023 10:37

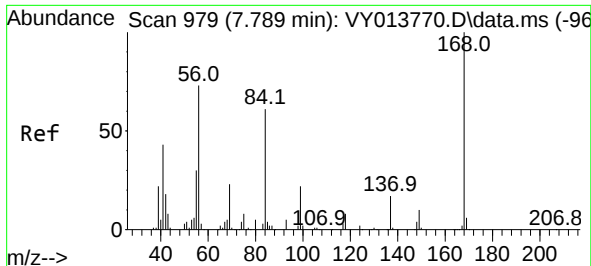
Tgt Ion: 83 Resp: 48533

Ion Ratio Lower Upper

83 100

85 60.1 50.5 75.7

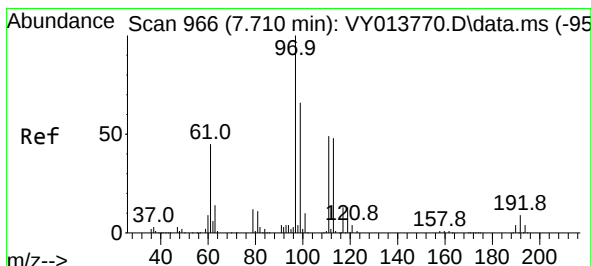
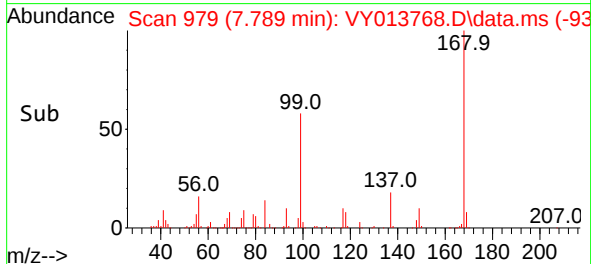
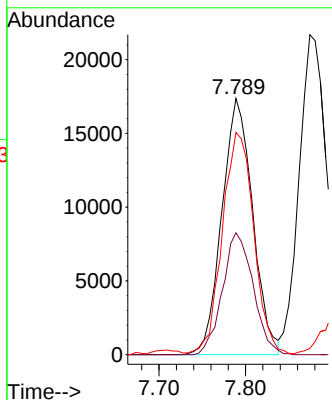
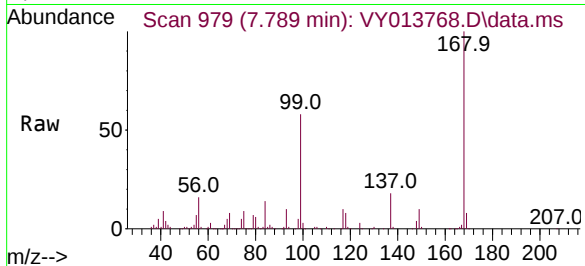




#31
Cyclohexane
Concen: 10.154 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

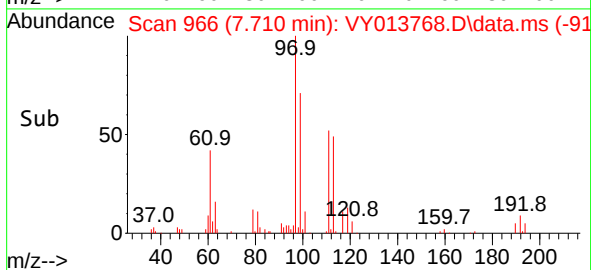
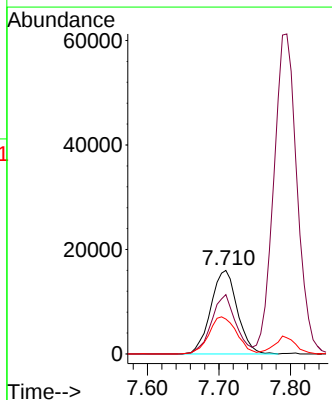
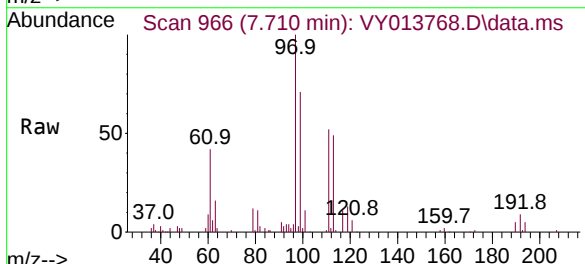
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

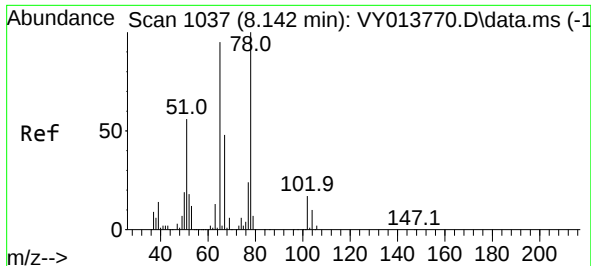
Tgt Ion: 56 Resp: 42959
Ion Ratio Lower Upper
56 100
69 47.6 25.8 38.6#
84 85.4 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 9.808 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 97 Resp: 41198
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 46.4 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 10.246 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

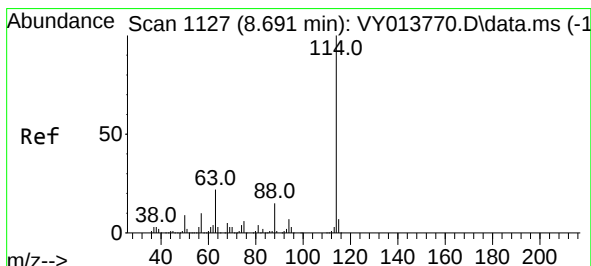
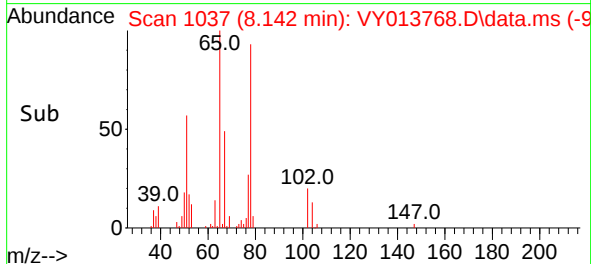
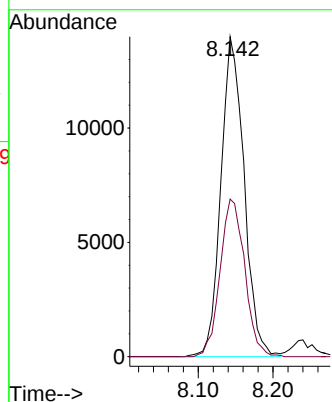
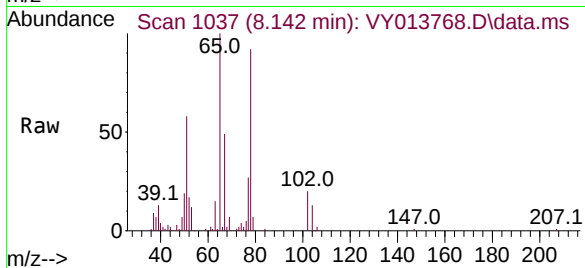
VSTDICC010

Tgt Ion: 65 Resp: 30234

Ion Ratio Lower Upper

65 100

67 52.3 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: VY013768.D

Acq: 17 May 2023 10:37

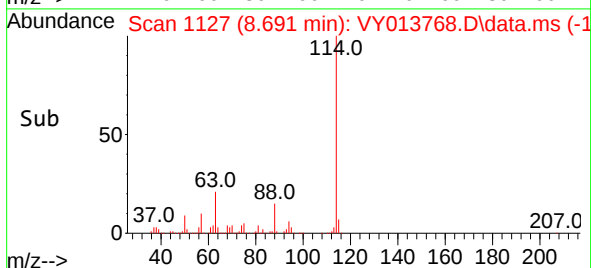
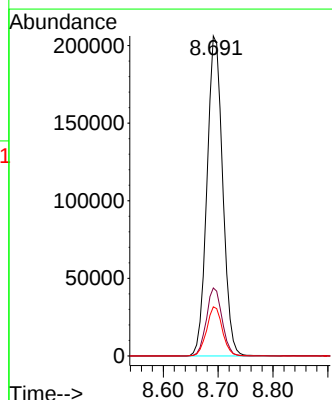
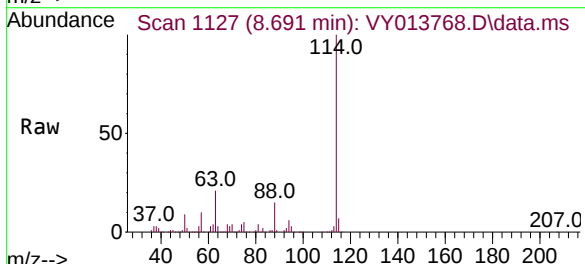
Tgt Ion: 114 Resp: 408336

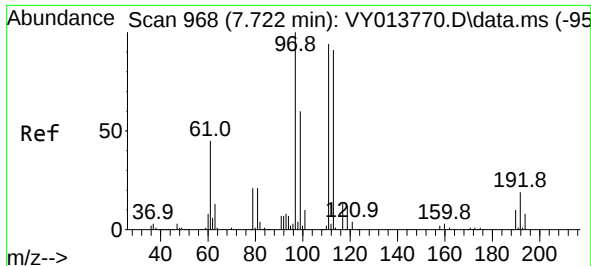
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 10.057 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

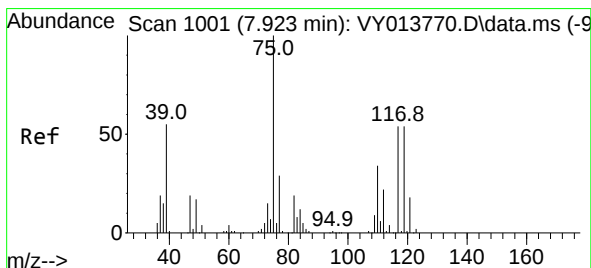
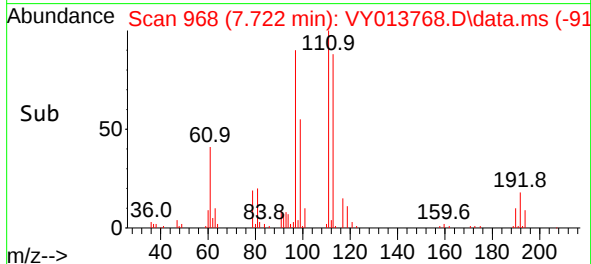
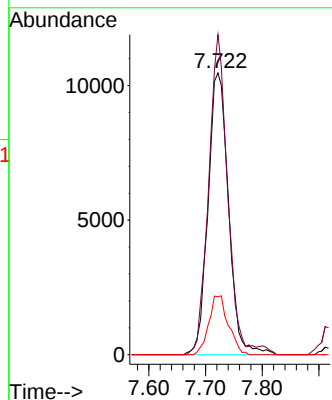
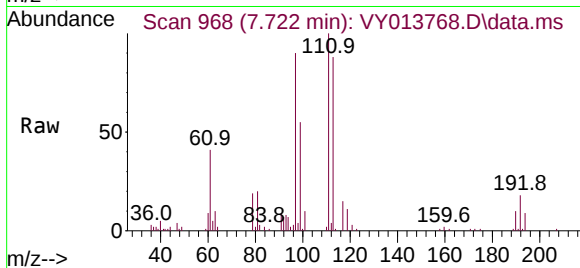
Tgt Ion:113 Resp: 26335

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 19.9 16.0 24.0



#36

1,1-Dichloropropene

Concen: 9.453 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

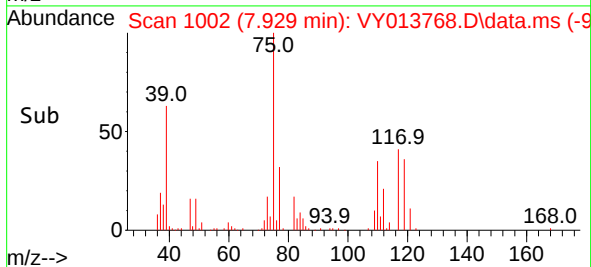
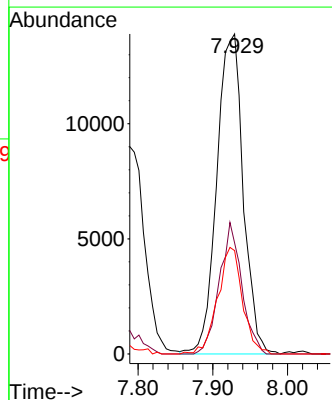
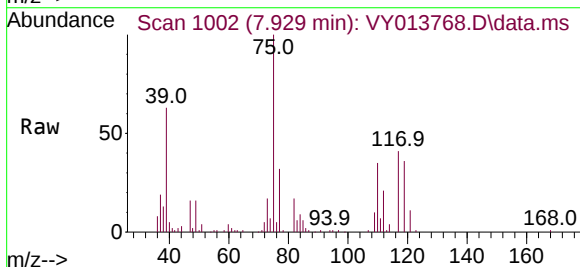
Tgt Ion: 75 Resp: 34199

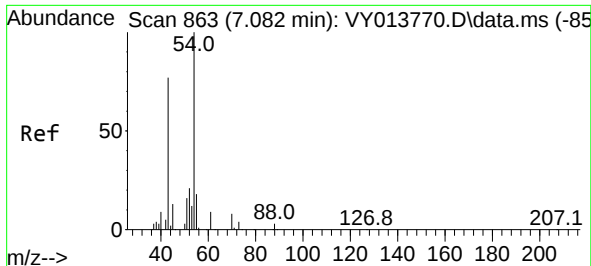
Ion Ratio Lower Upper

75 100

110 34.8 17.3 51.7

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 9.575 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

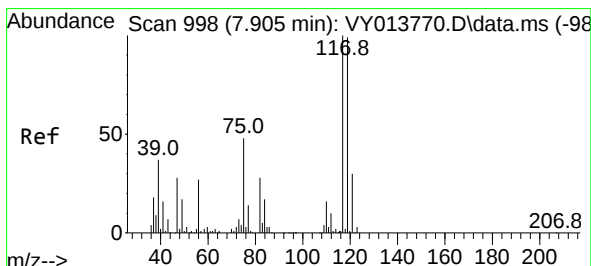
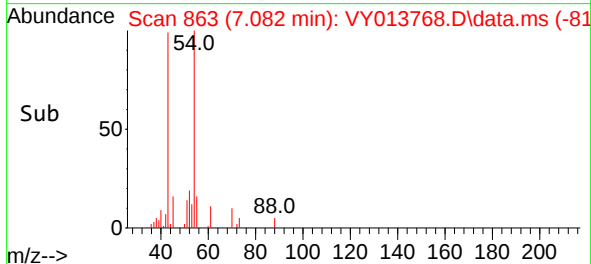
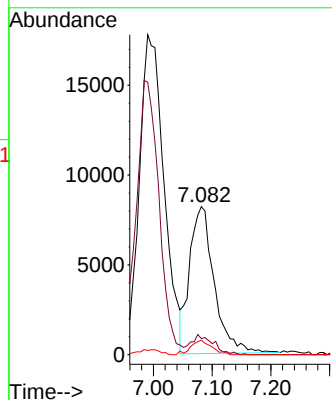
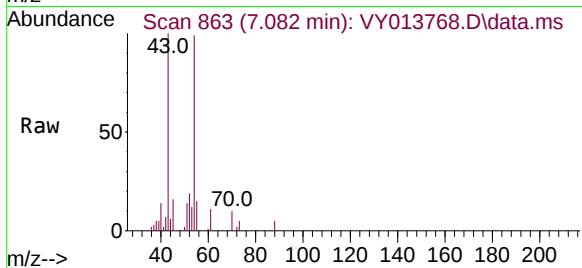
Tgt Ion: 43 Resp: 23829

Ion Ratio Lower Upper

43 100

61 12.4 10.7 16.1

70 8.2 7.0 10.6



#38

Carbon Tetrachloride

Concen: 9.693 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

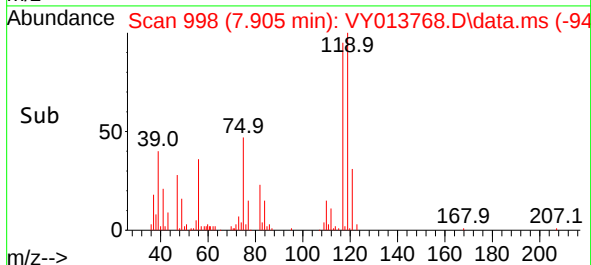
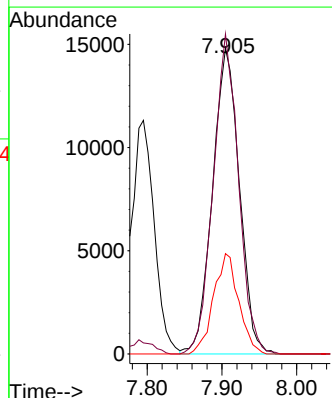
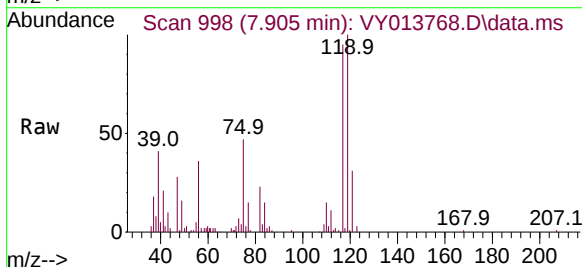
Tgt Ion: 117 Resp: 36994

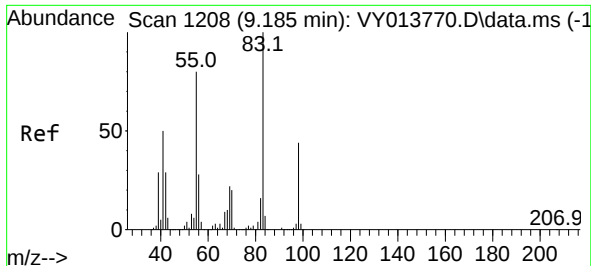
Ion Ratio Lower Upper

117 100

119 104.8 79.0 118.6

121 32.8 24.1 36.1





#39

Methylcyclohexane

Concen: 9.374 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

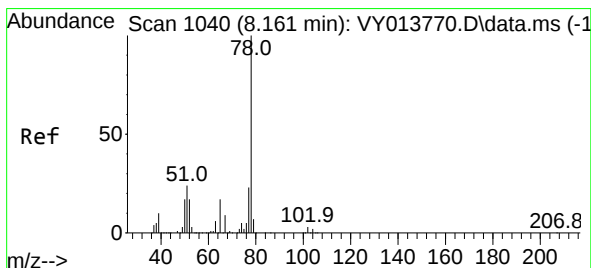
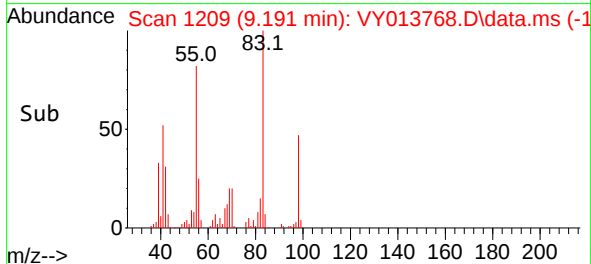
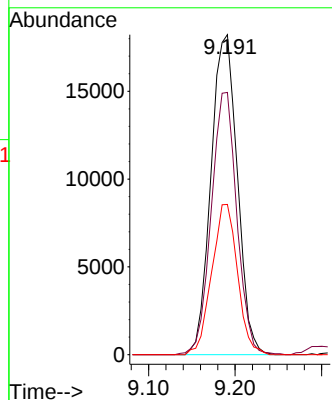
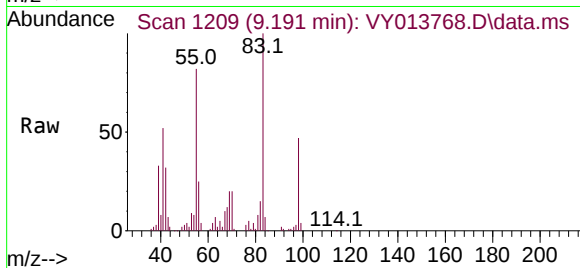
Tgt Ion: 83 Resp: 38546

Ion Ratio Lower Upper

83 100

55 81.6 63.7 95.5

98 46.9 35.0 52.6



#40

Benzene

Concen: 9.728 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY013768.D

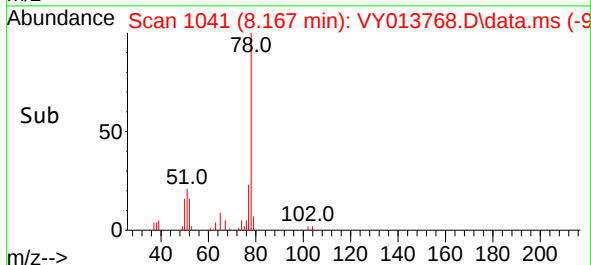
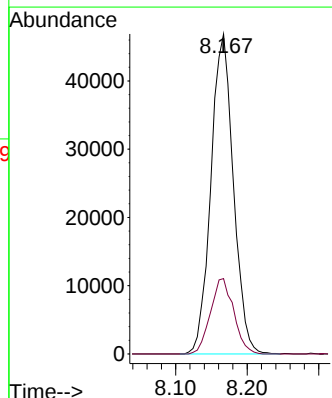
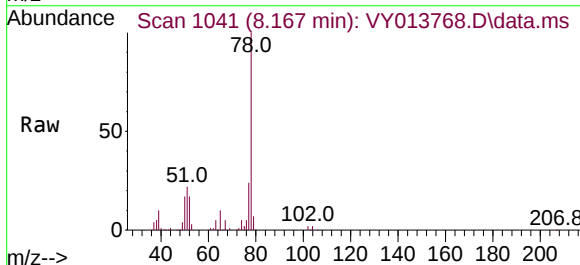
Acq: 17 May 2023 10:37

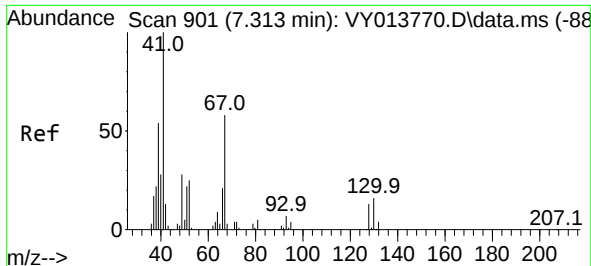
Tgt Ion: 78 Resp: 102276

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8

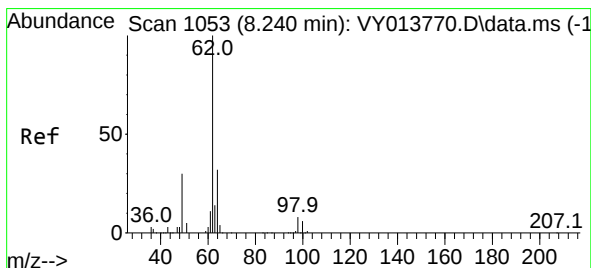
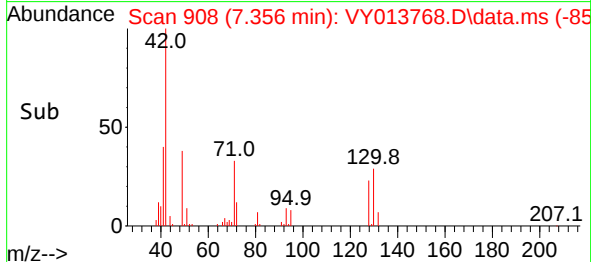
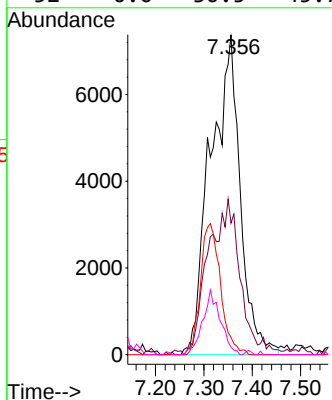
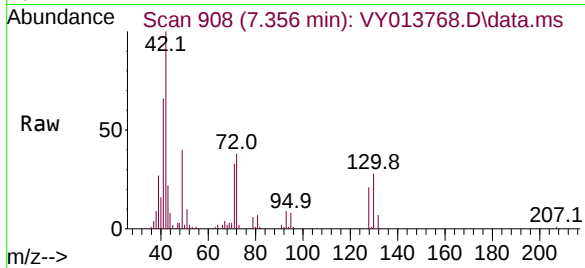




#41
Methacrylonitrile
Concen: 26.019 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

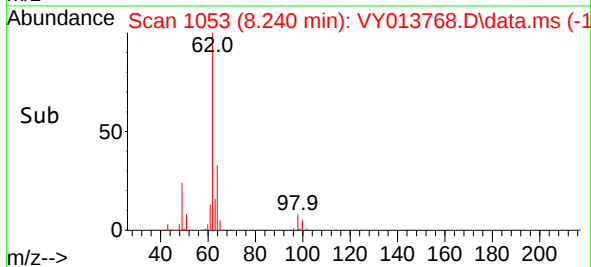
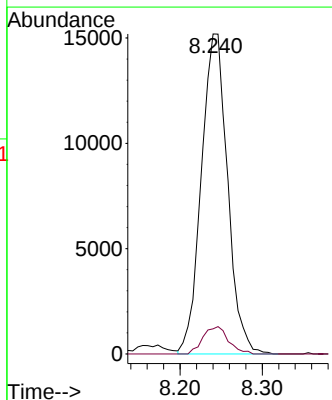
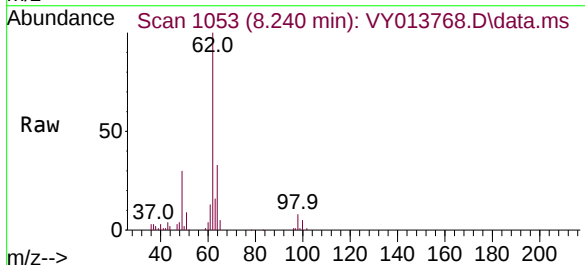
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

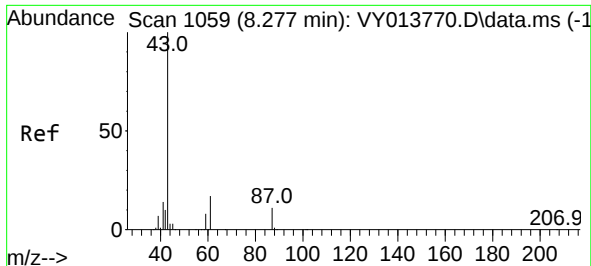
Tgt Ion: 41 Resp: 31237
Ion Ratio Lower Upper
41 100
39 51.0 59.5 89.3#
67 0.0 69.1 103.7#
52 0.0 30.5 45.7#



#42
1,2-Dichloroethane
Concen: 9.921 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 62 Resp: 33702
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.8

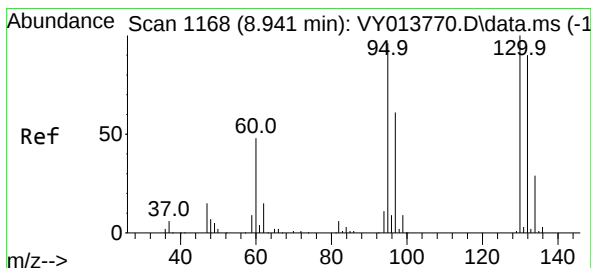
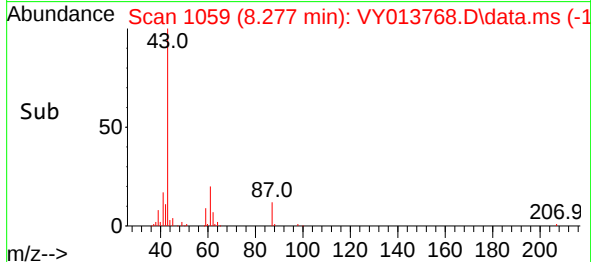
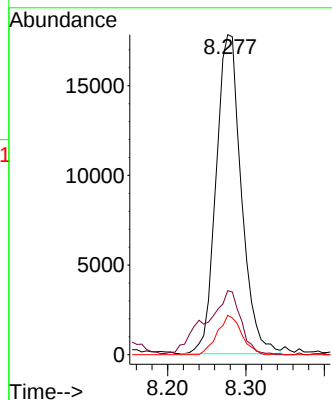
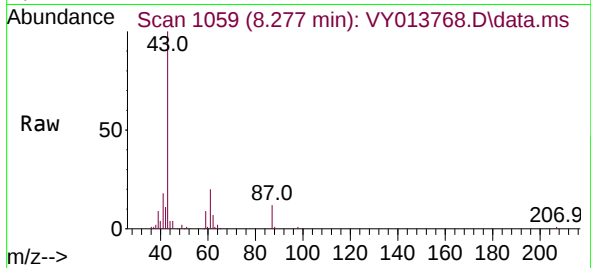




#43
Isopropyl Acetate
Concen: 8.837 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

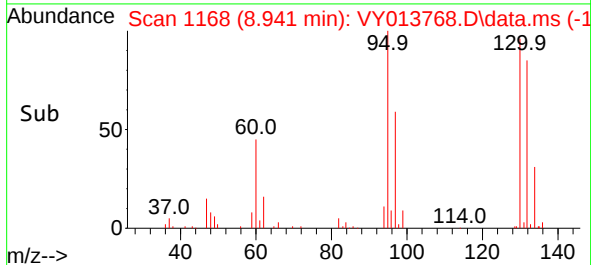
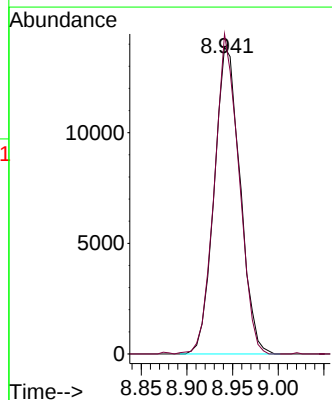
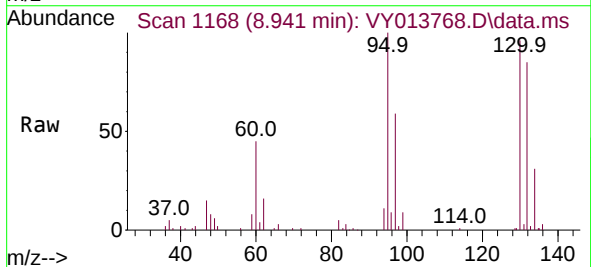
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

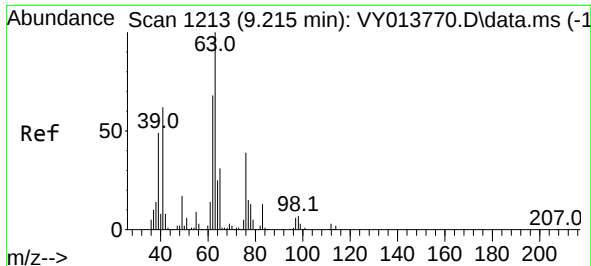
Tgt Ion: 43 Resp: 39915
Ion Ratio Lower Upper
43 100
61 28.0 20.6 31.0
87 11.8 9.0 13.6



#44
Trichloroethene
Concen: 9.934 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 130 Resp: 27303
Ion Ratio Lower Upper
130 100
95 104.2 0.0 193.0





#45

1,2-Dichloropropane

Concen: 9.575 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

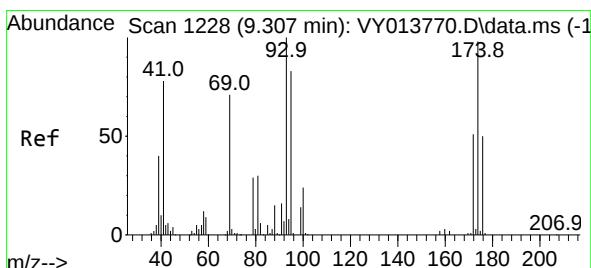
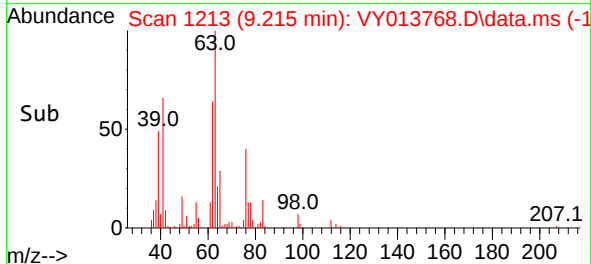
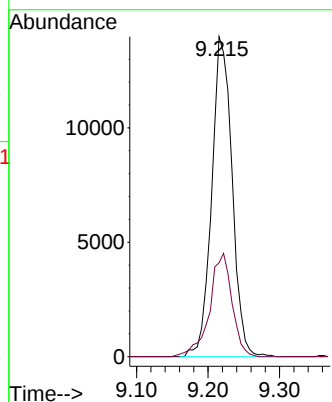
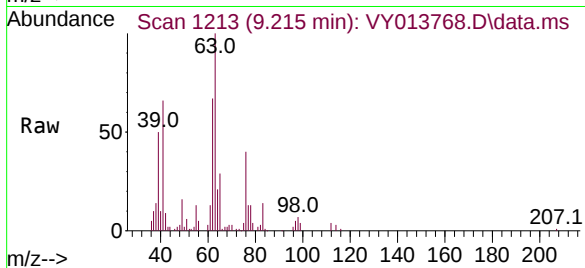
VSTDICC010

Tgt Ion: 63 Resp: 27664

Ion Ratio Lower Upper

63 100

65 29.3 24.9 37.3



#46

Dibromomethane

Concen: 9.502 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

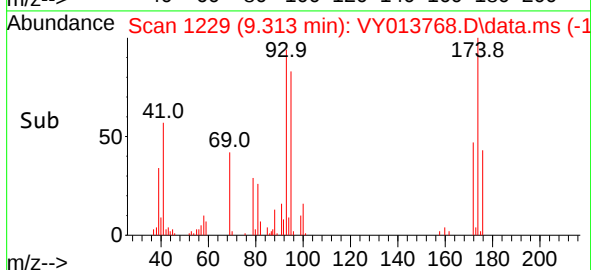
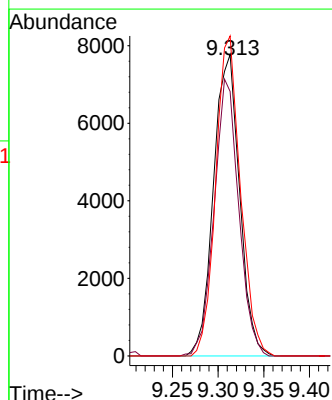
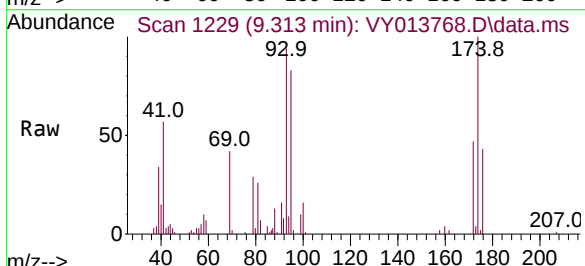
Tgt Ion: 93 Resp: 15375

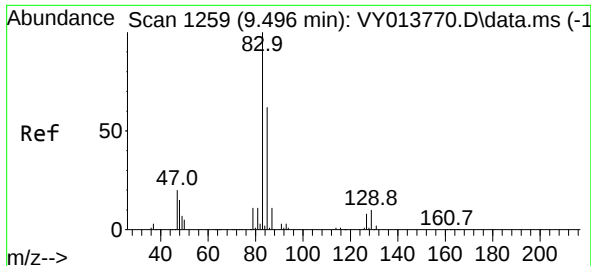
Ion Ratio Lower Upper

93 100

95 87.0 65.8 98.6

174 100.7 79.5 119.3





#47

Bromodichloromethane

Concen: 9.677 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

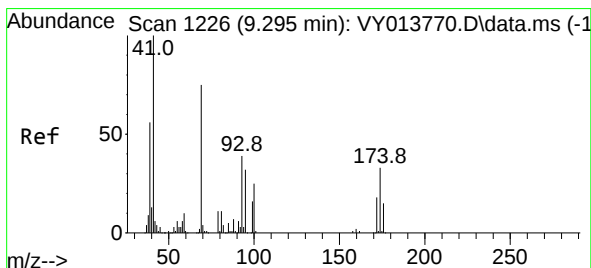
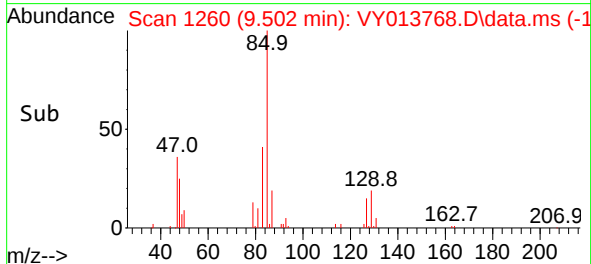
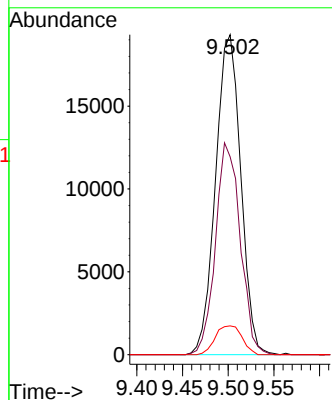
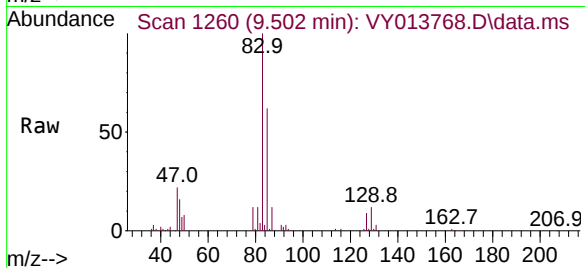
Tgt Ion: 83 Resp: 37080

Ion Ratio Lower Upper

83 100

85 61.9 49.6 74.4

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 8.674 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

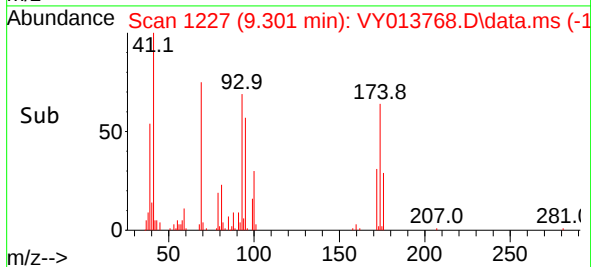
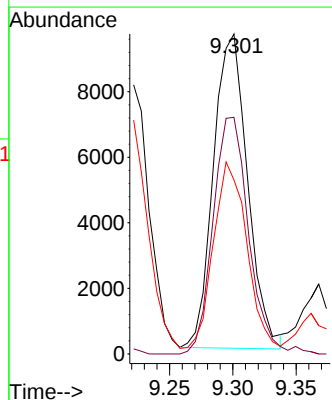
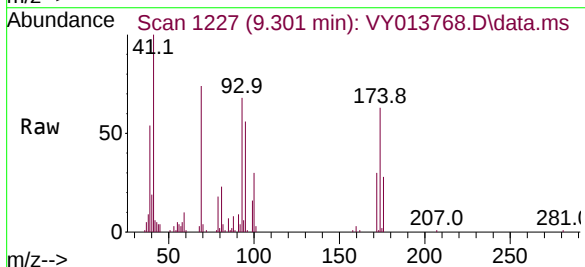
Tgt Ion: 41 Resp: 17997

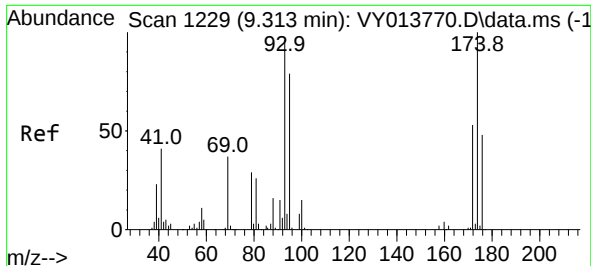
Ion Ratio Lower Upper

41 100

69 78.5 63.0 94.6

39 60.7 46.2 69.2





#49

1,4-Dioxane

Concen: 152.226 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

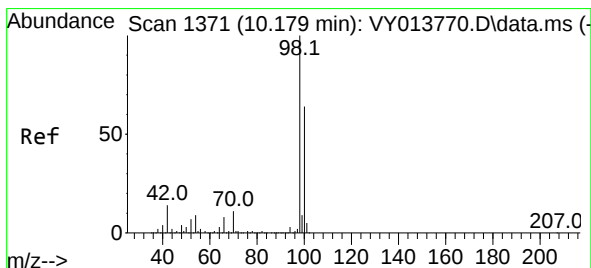
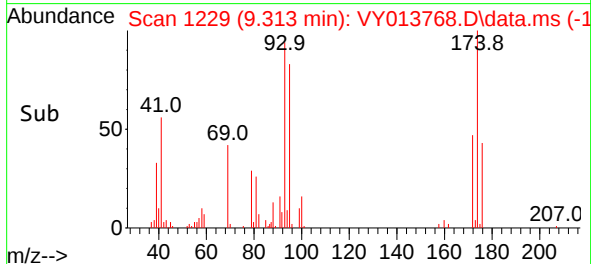
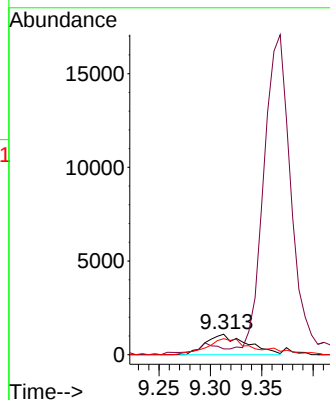
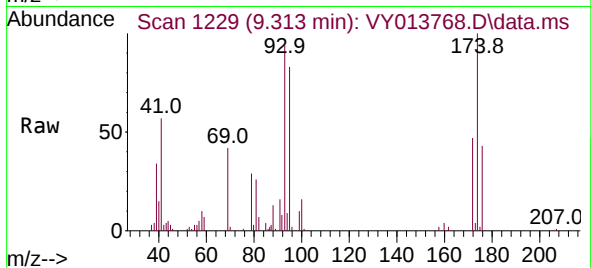
Tgt Ion: 88 Resp: 3023

Ion Ratio Lower Upper

88 100

43 38.6 26.1 39.1

58 74.9 62.2 93.2



#50

Toluene-d8

Concen: 10.107 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY013768.D

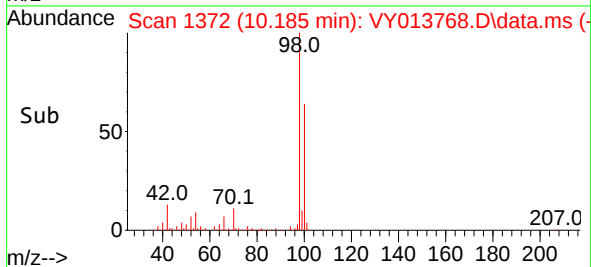
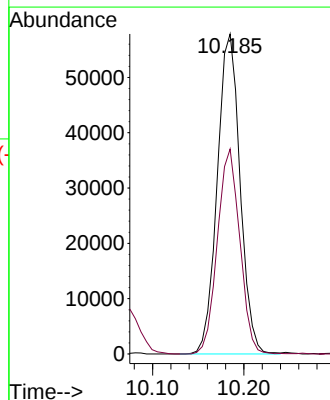
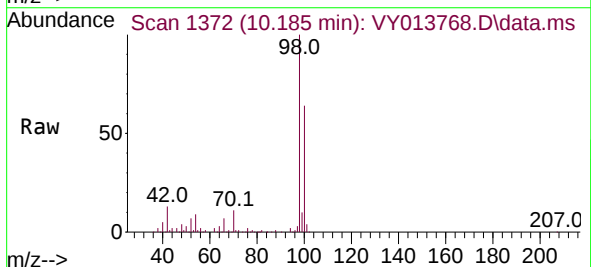
Acq: 17 May 2023 10:37

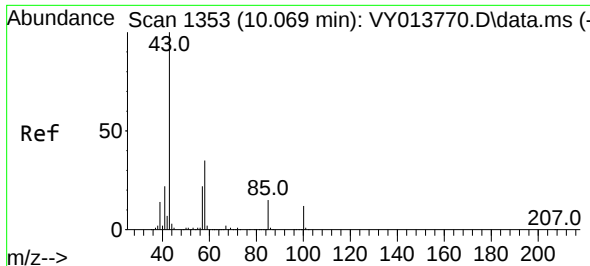
Tgt Ion: 98 Resp: 100331

Ion Ratio Lower Upper

98 100

100 62.9 51.0 76.6

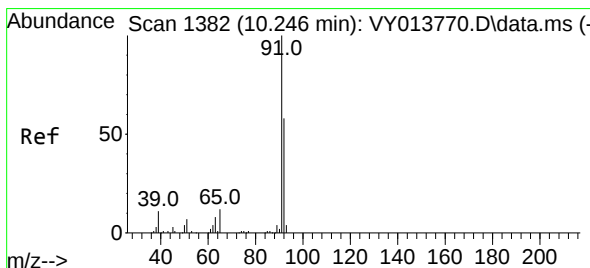
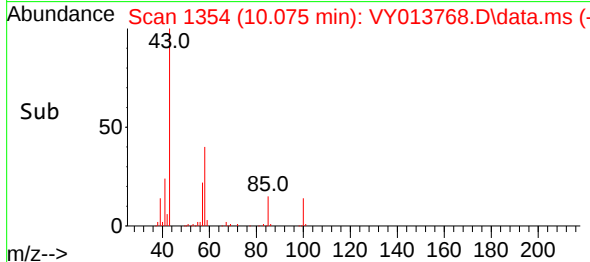
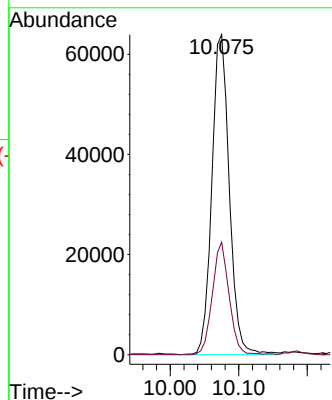
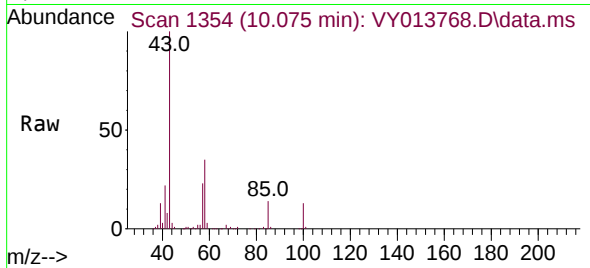




#51
4-Methyl-2-Pentanone
Concen: 44.989 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

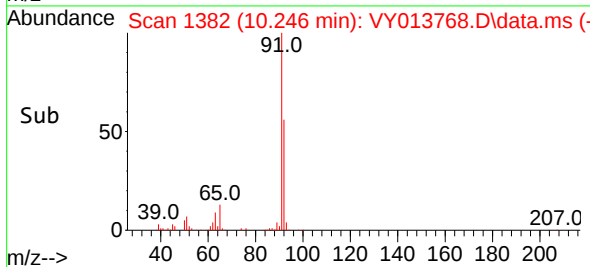
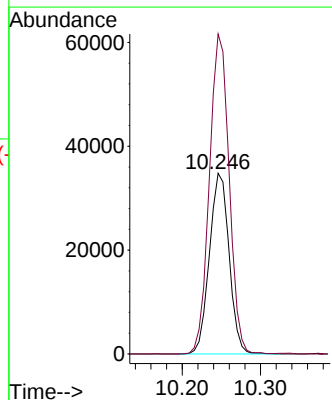
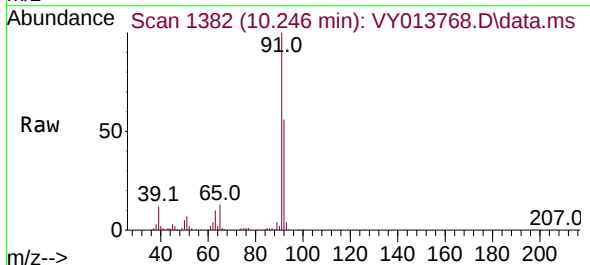
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

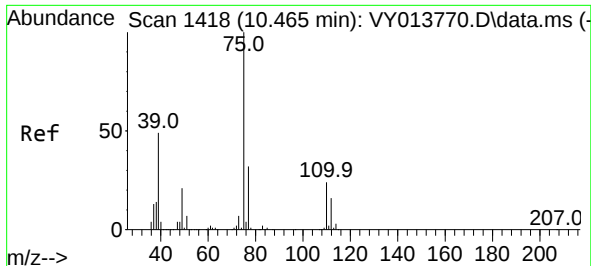
Tgt Ion: 43 Resp: 113166
Ion Ratio Lower Upper
43 100
58 33.5 28.2 42.2



#52
Toluene
Concen: 9.516 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 92 Resp: 60650
Ion Ratio Lower Upper
92 100
91 177.7 141.0 211.4

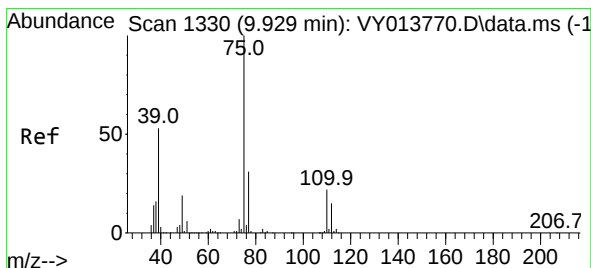
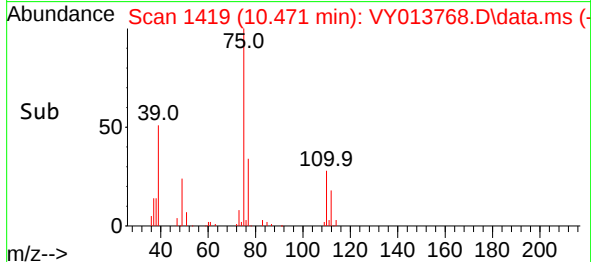
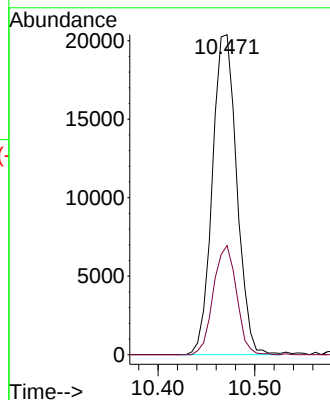
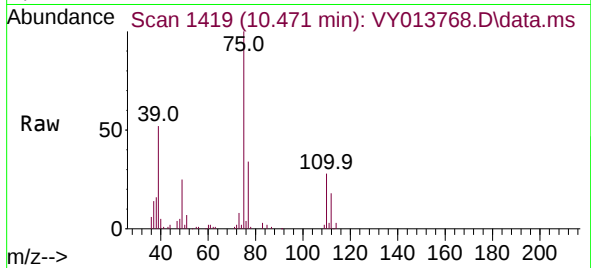




#53
 t-1,3-Dichloropropene
 Concen: 9.052 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

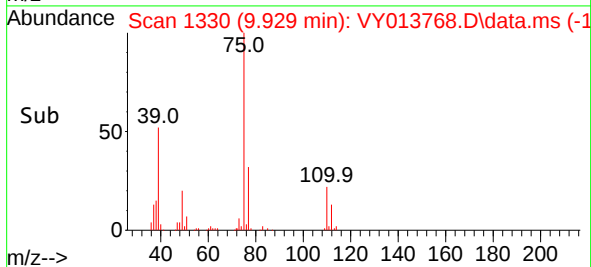
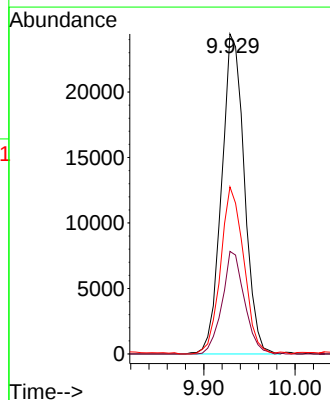
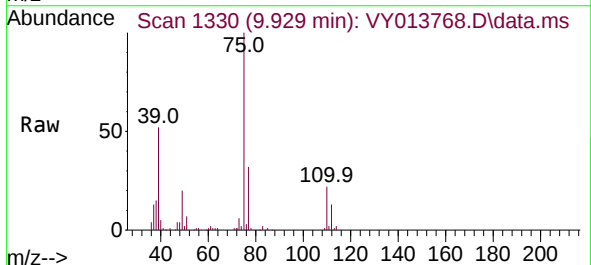
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

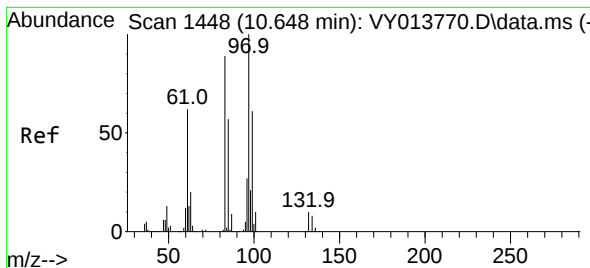
Tgt Ion: 75 Resp: 35762
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 9.562 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

Tgt Ion: 75 Resp: 42149
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.8 37.2
 39 52.2 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 9.646 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 21227

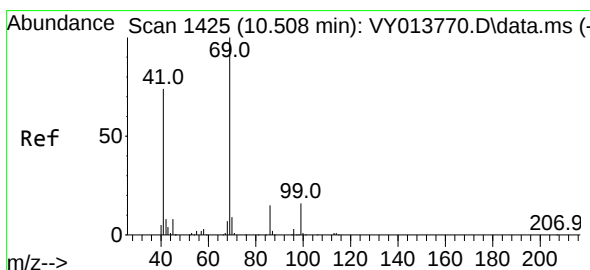
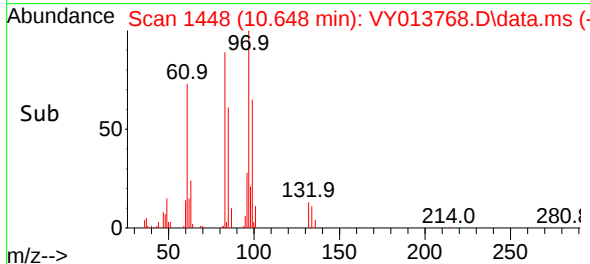
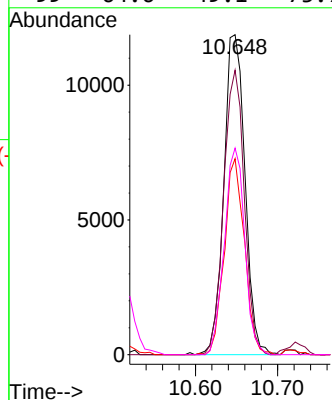
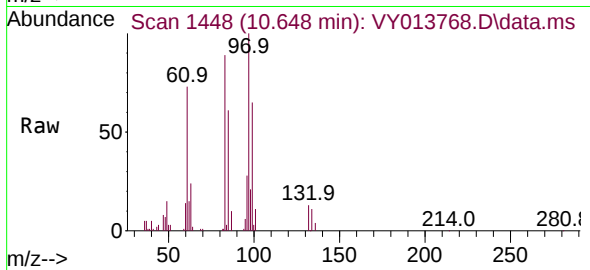
Ion Ratio Lower Upper

97 100

83 88.9 71.1 106.7

85 61.2 45.7 68.5

99 64.6 49.1 73.7



#56

Ethyl methacrylate

Concen: 8.620 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

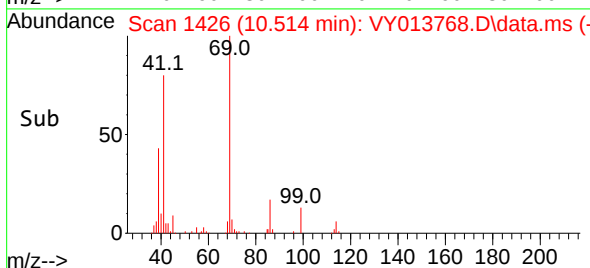
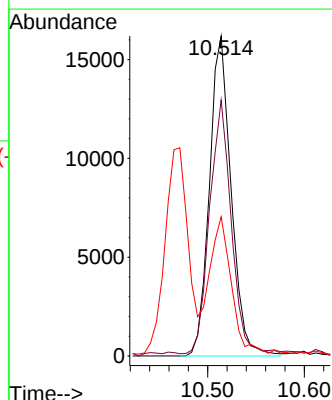
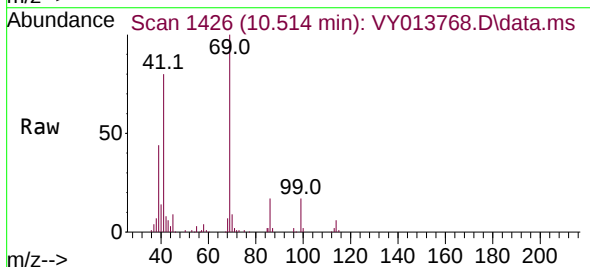
Tgt Ion: 69 Resp: 25315

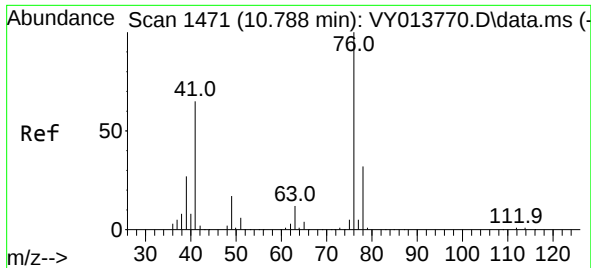
Ion Ratio Lower Upper

69 100

41 79.6 58.3 87.5

39 43.2 31.8 47.8





#57

1,3-Dichloropropane

Concen: 9.787 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

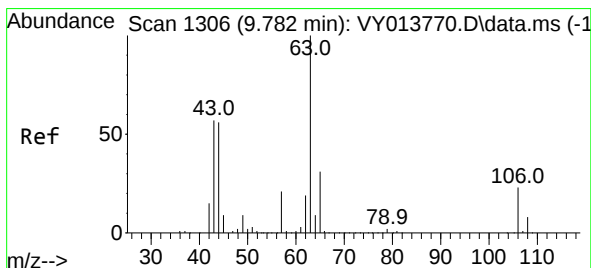
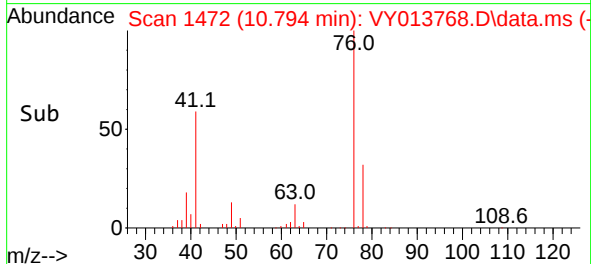
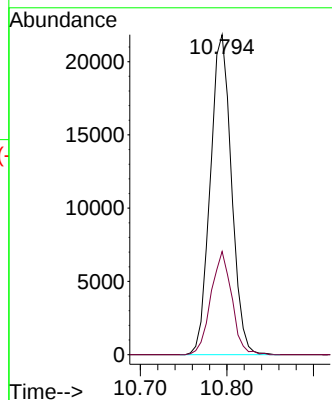
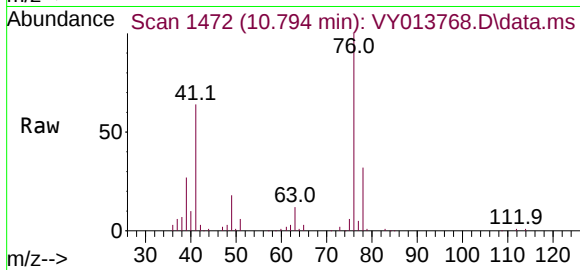
VSTDICC010

Tgt Ion: 76 Resp: 37054

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 49.663 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013768.D

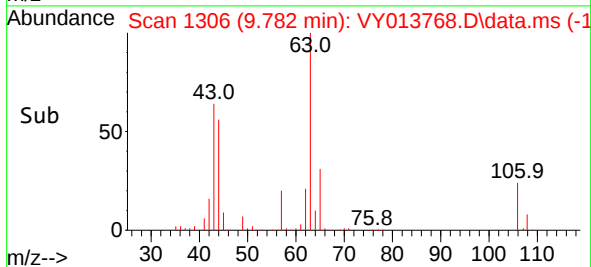
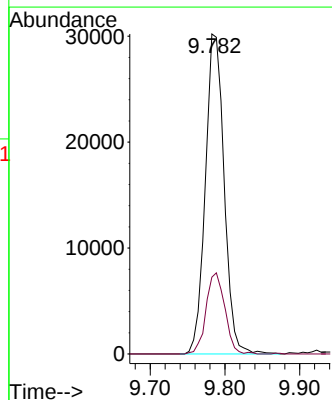
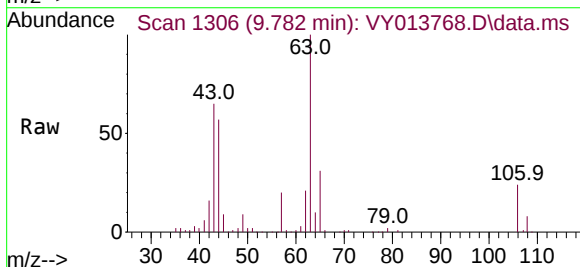
Acq: 17 May 2023 10:37

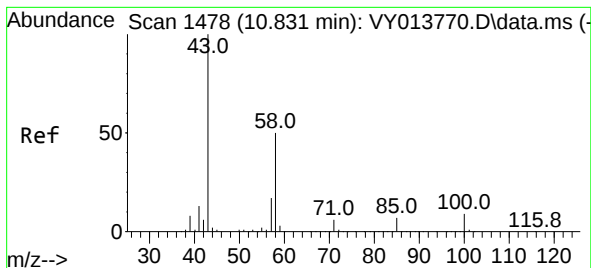
Tgt Ion: 63 Resp: 52842

Ion Ratio Lower Upper

63 100

106 25.3 19.7 29.5





#59

2-Hexanone

Concen: 43.986 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

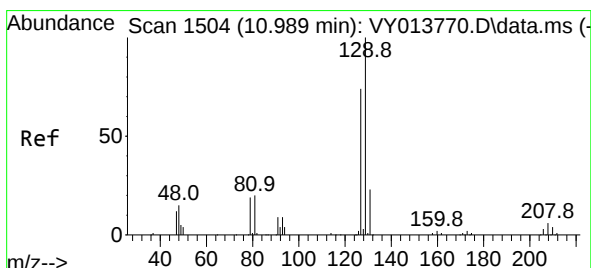
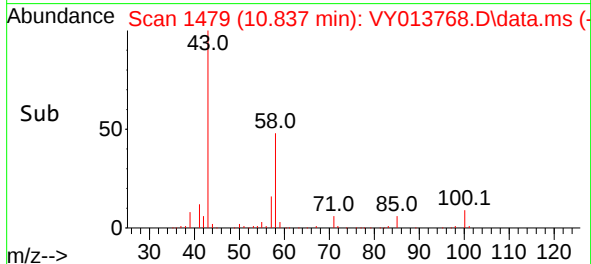
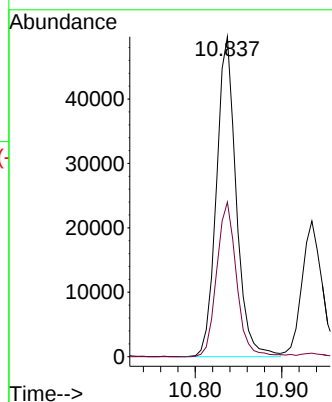
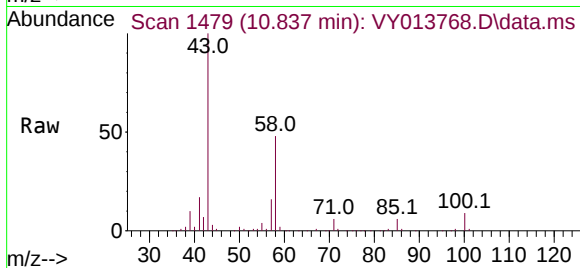
VSTDIC010

Tgt Ion: 43 Resp: 78647

Ion Ratio Lower Upper

43 100

58 48.6 24.8 74.4



#60

Dibromochloromethane

Concen: 9.572 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY013768.D

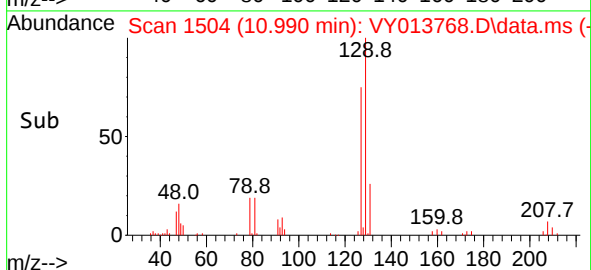
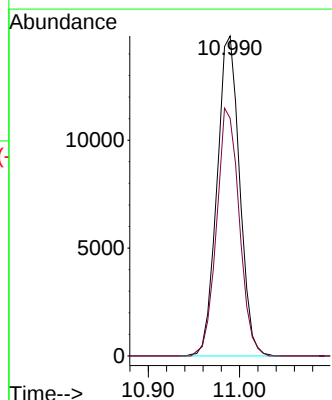
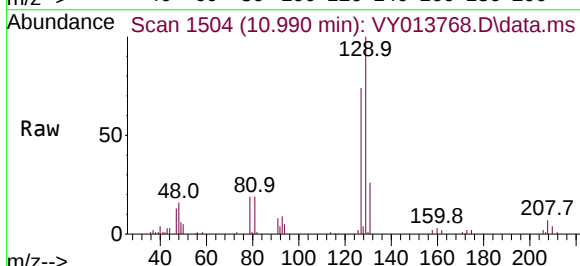
Acq: 17 May 2023 10:37

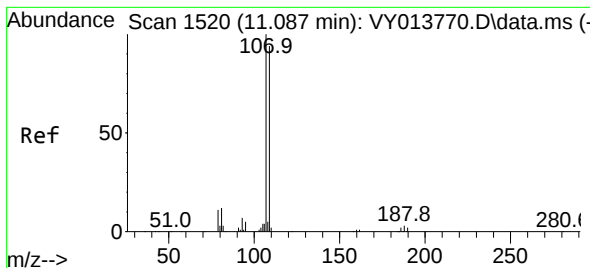
Tgt Ion:129 Resp: 25525

Ion Ratio Lower Upper

129 100

127 77.6 38.6 115.7





#61

1,2-Dibromoethane

Concen: 9.635 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

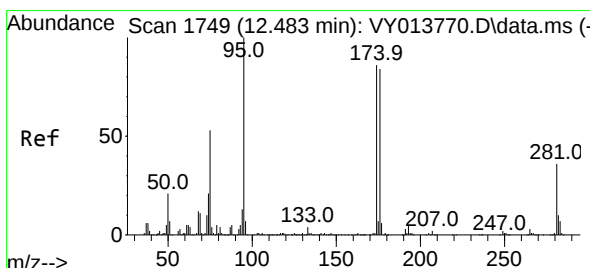
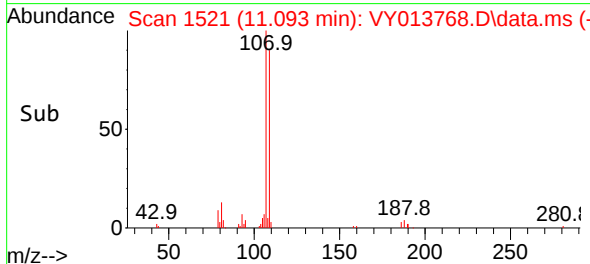
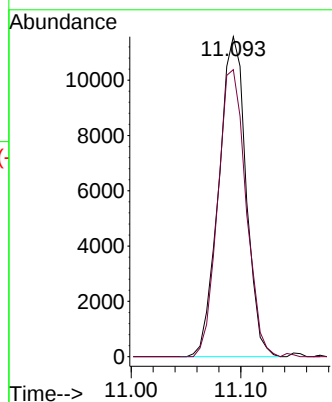
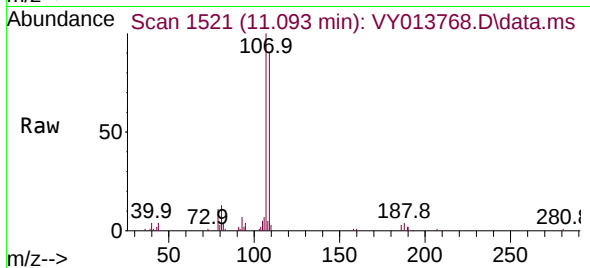
VSTDIC010

Tgt Ion:107 Resp: 19994

Ion Ratio Lower Upper

107 100

109 92.5 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 9.884 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

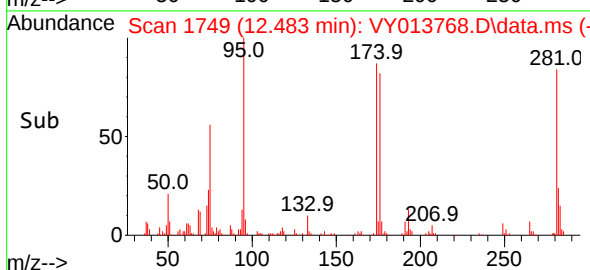
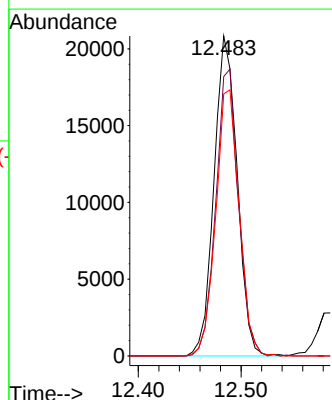
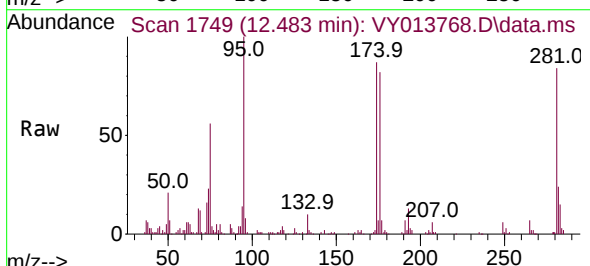
Tgt Ion: 95 Resp: 32591

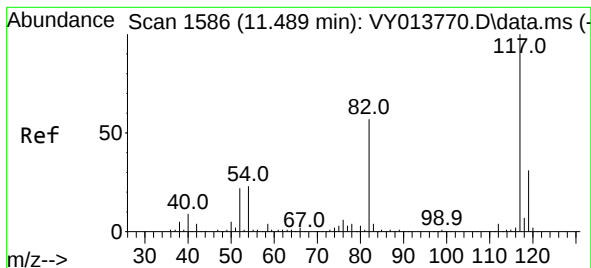
Ion Ratio Lower Upper

95 100

174 88.0 0.0 168.8

176 84.3 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: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

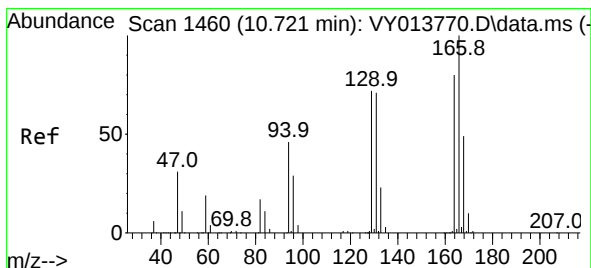
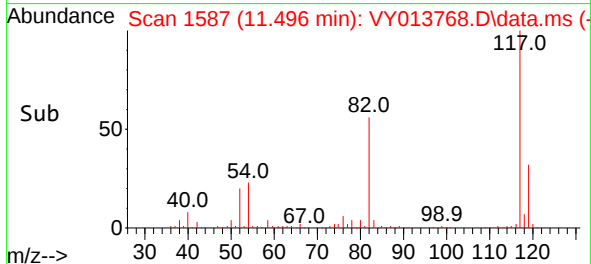
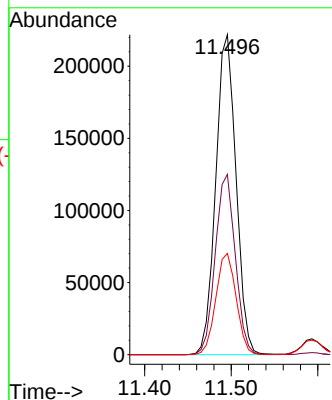
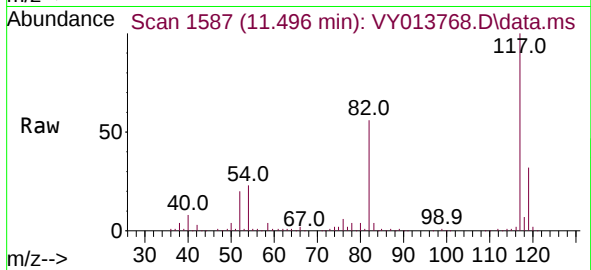
Tgt Ion:117 Resp: 361011

Ion Ratio Lower Upper

117 100

82 56.3 45.5 68.3

119 31.6 24.8 37.2



#64

Tetrachloroethene

Concen: 9.998 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Tgt Ion:164 Resp: 22897

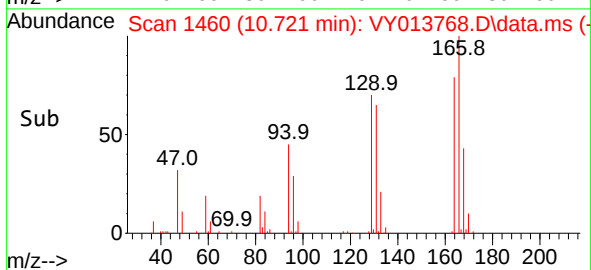
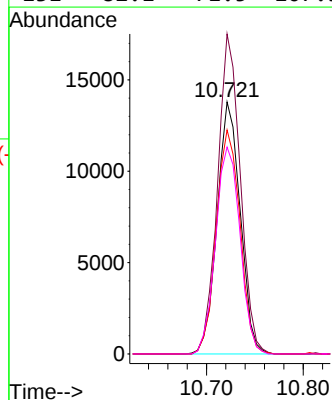
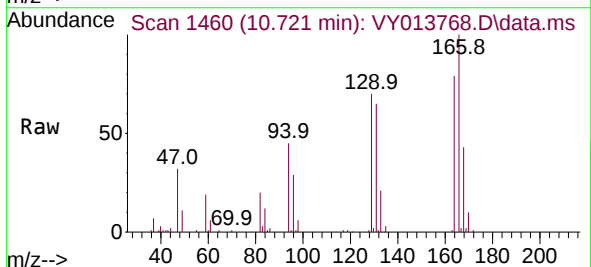
Ion Ratio Lower Upper

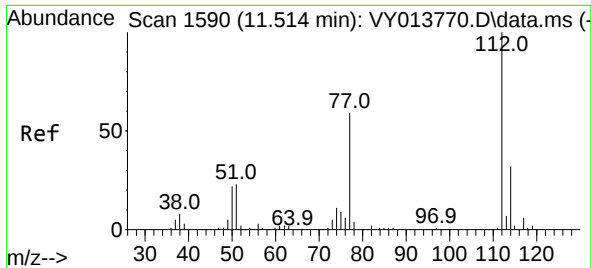
164 100

166 127.0 100.5 150.7

129 88.9 72.5 108.7

131 82.1 71.5 107.3

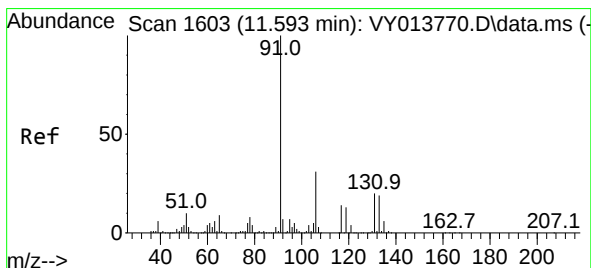
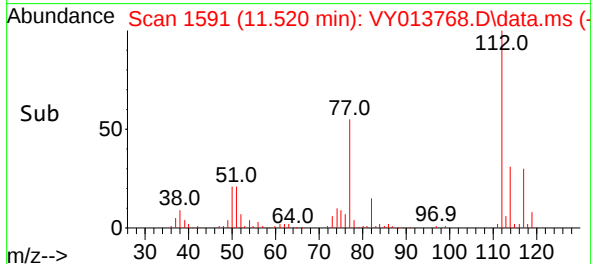
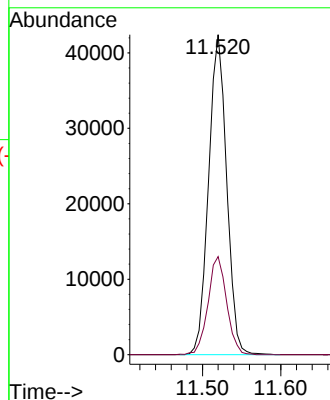
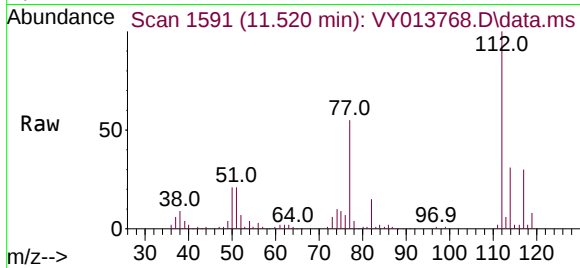




#65
Chlorobenzene
Concen: 9.936 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

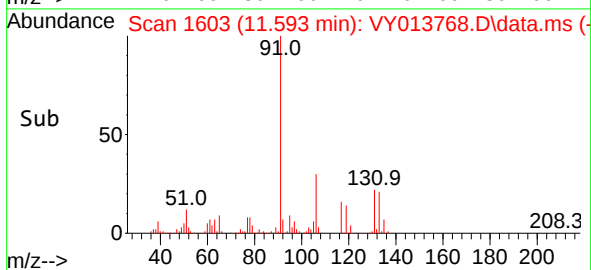
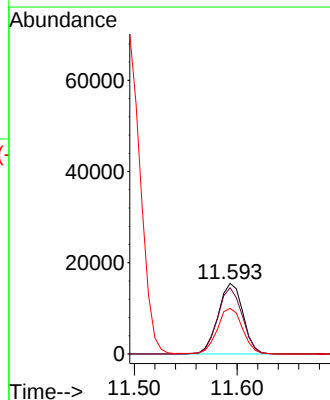
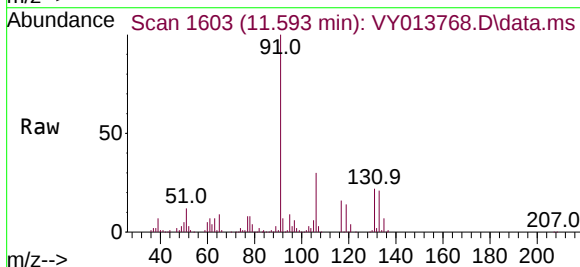
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

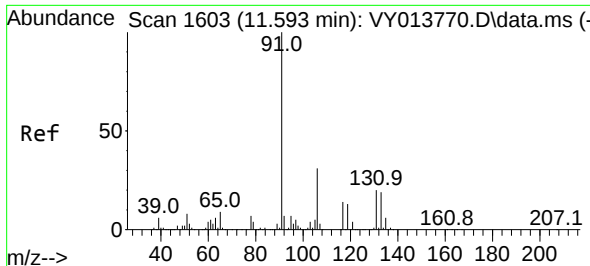
Tgt Ion:112 Resp: 67892
Ion Ratio Lower Upper
112 100
114 30.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 9.787 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion:131 Resp: 25985
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.4
119 65.6 32.9 98.7





#67

Ethyl Benzene

Concen: 9.349 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

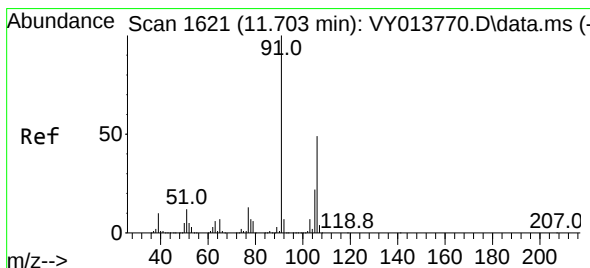
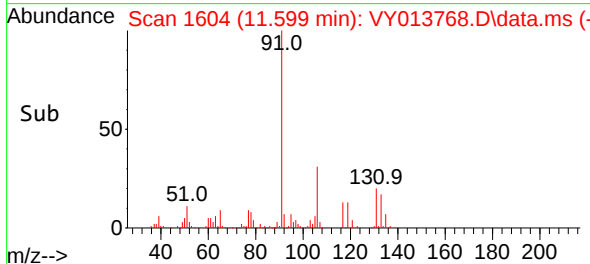
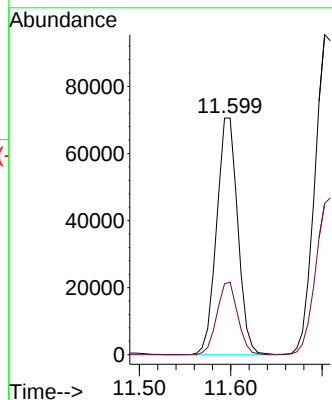
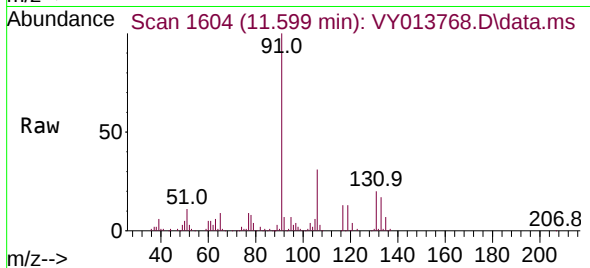
VSTDICC010

Tgt Ion: 91 Resp: 113518

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.6



#68

m/p-Xylenes

Concen: 18.696 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY013768.D

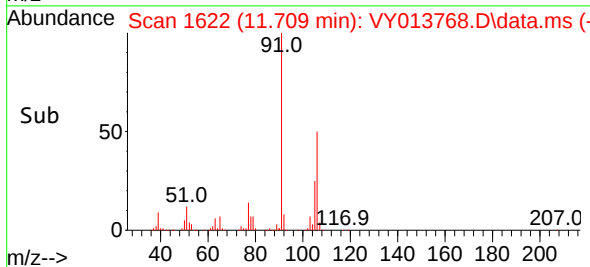
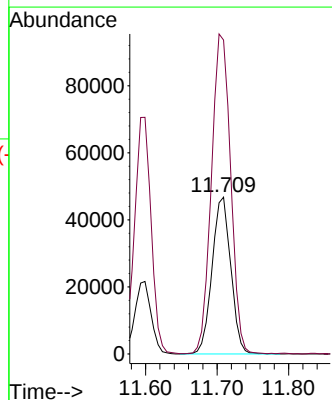
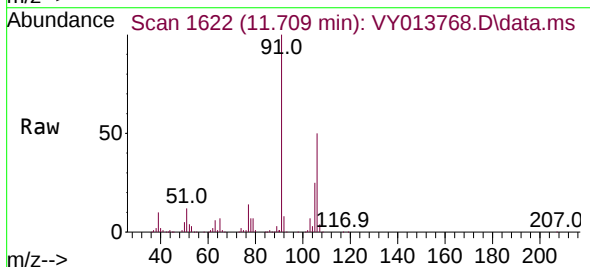
Acq: 17 May 2023 10:37

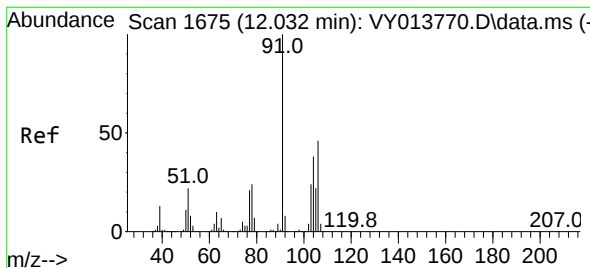
Tgt Ion:106 Resp: 85027

Ion Ratio Lower Upper

106 100

91 209.5 164.0 246.0





#69

o-Xylene

Concen: 9.220 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

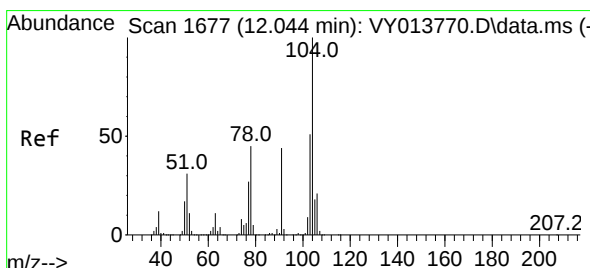
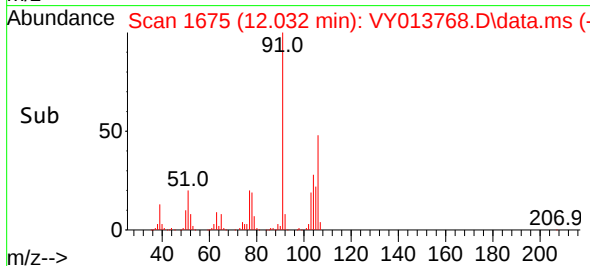
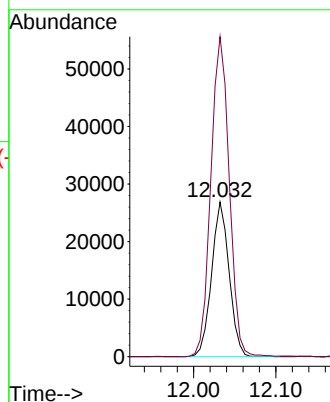
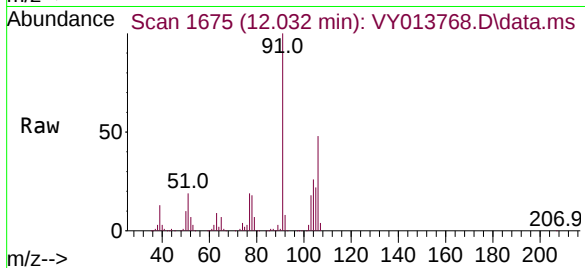
VSTDIC010

Tgt Ion:106 Resp: 39886

Ion Ratio Lower Upper

106 100

91 216.8 108.4 325.2



#70

Styrene

Concen: 9.145 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

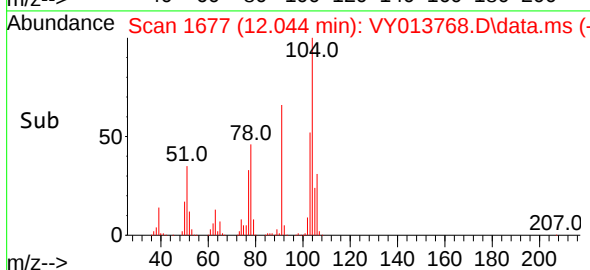
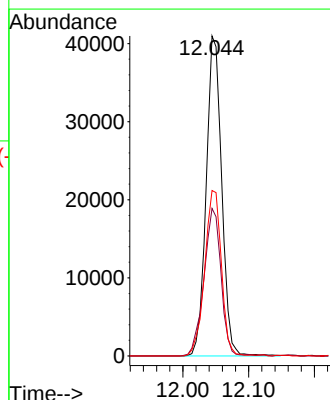
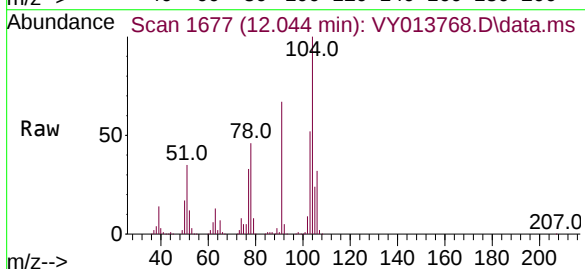
Tgt Ion:104 Resp: 67197

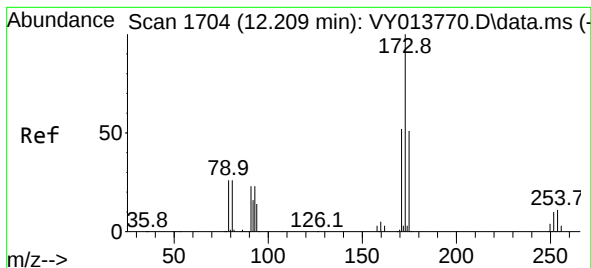
Ion Ratio Lower Upper

104 100

78 50.7 40.6 61.0

103 55.5 44.6 66.8





#71

Bromoform

Concen: 9.775 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

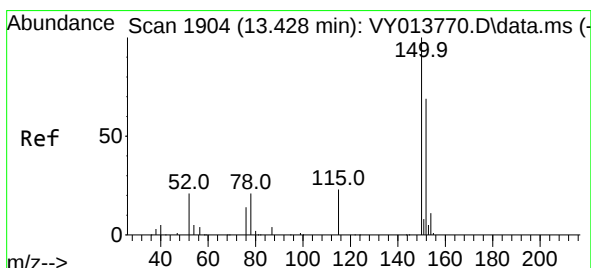
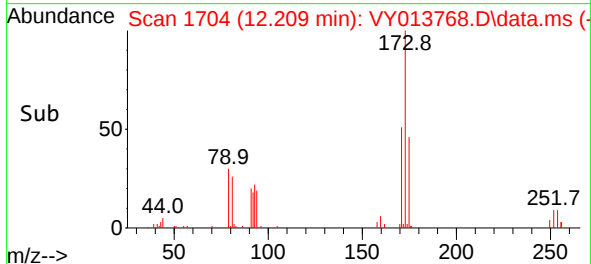
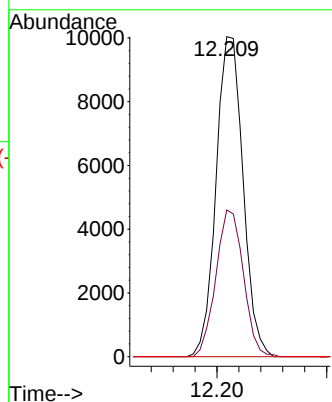
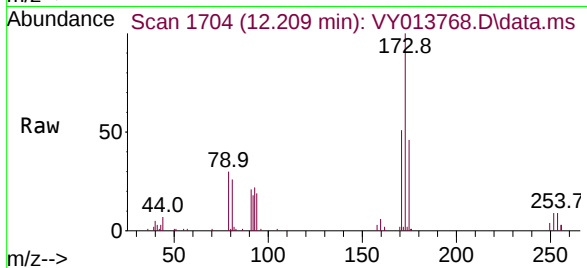
Tgt Ion:173 Resp: 17145

Ion Ratio Lower Upper

173 100

175 46.7 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: VY013768.D

Acq: 17 May 2023 10:37

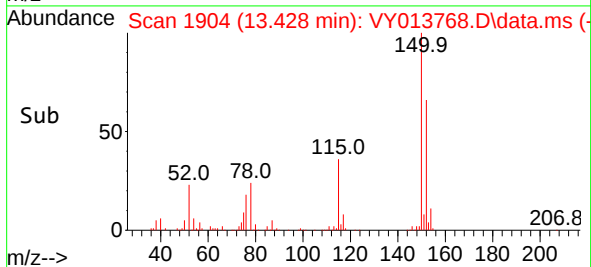
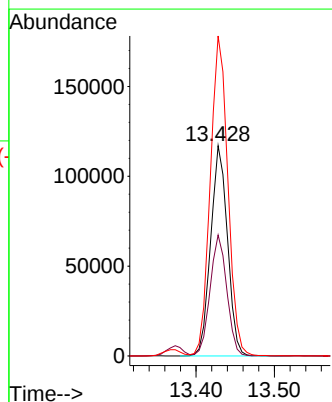
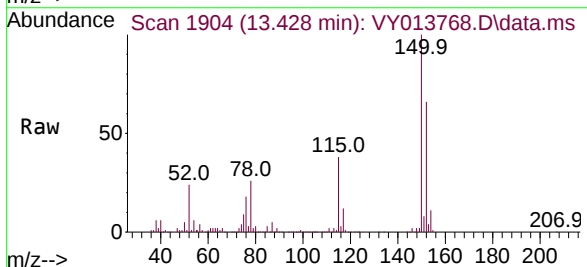
Tgt Ion:152 Resp: 174305

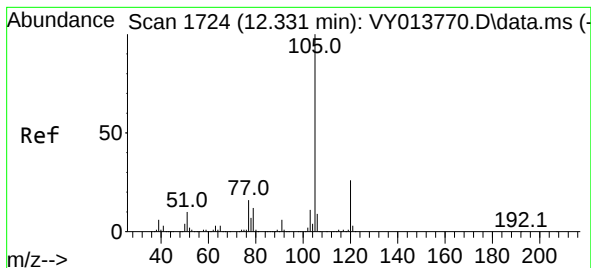
Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.5

150 158.7 0.0 347.0





#73

Isopropylbenzene

Concen: 9.140 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

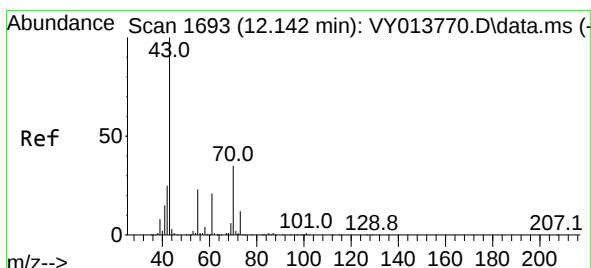
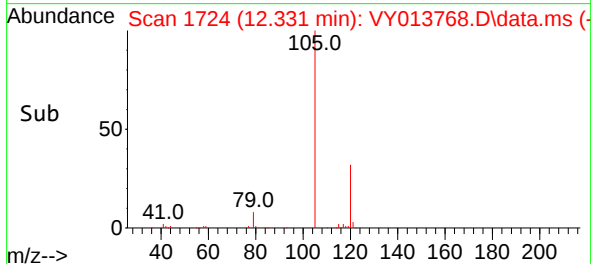
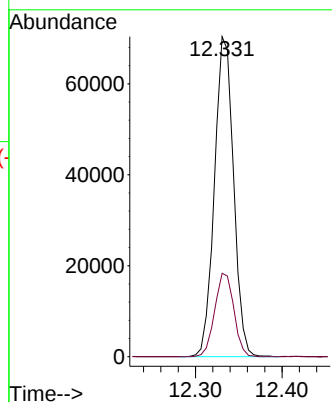
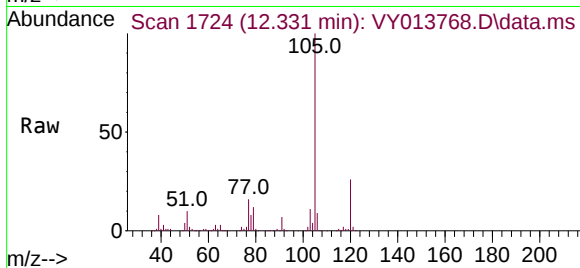
VSTDIC010

Tgt Ion:105 Resp: 107854

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 8.715 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Tgt Ion: 43 Resp: 34899

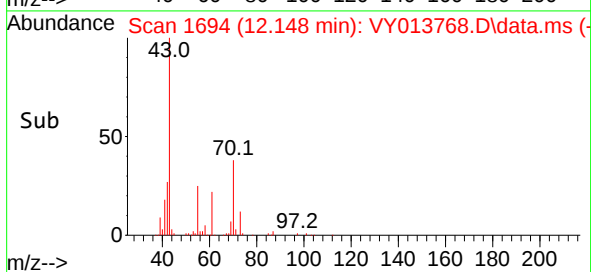
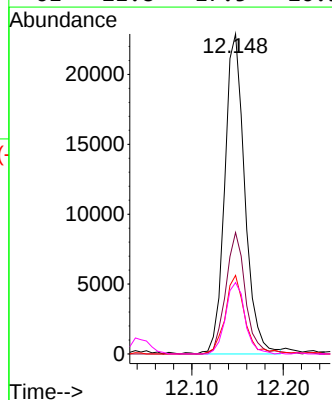
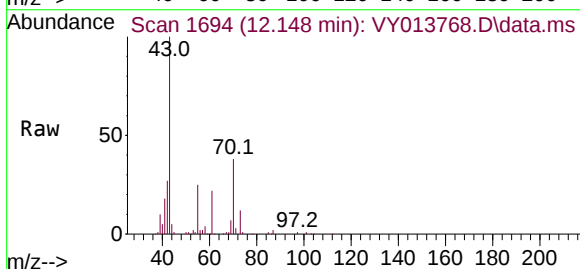
Ion Ratio Lower Upper

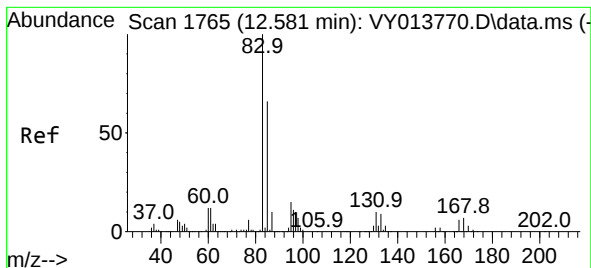
43 100

70 37.5 28.8 43.2

55 24.6 18.5 27.7

61 21.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.623 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

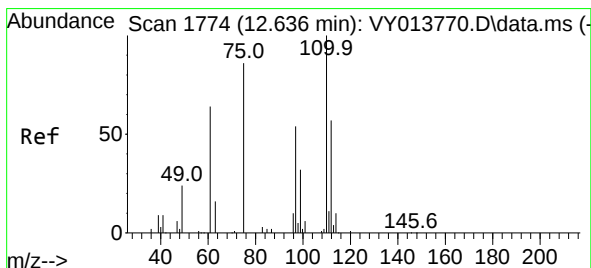
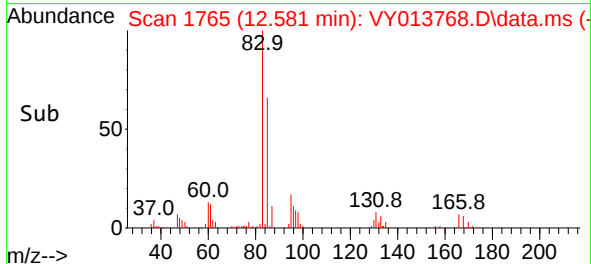
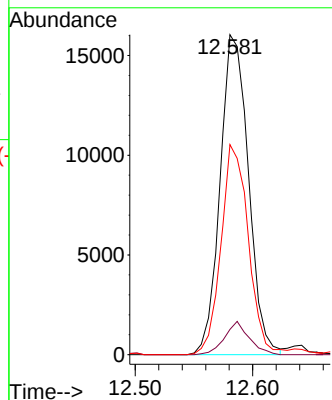
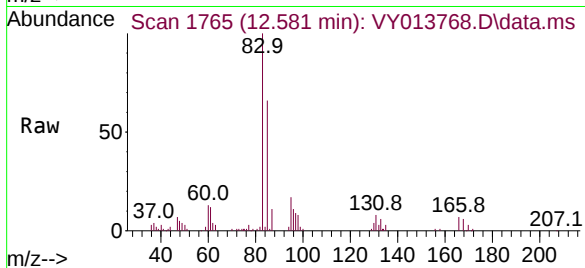
Tgt Ion: 83 Resp: 26901

Ion Ratio Lower Upper

83 100

131 9.0 5.1 15.2

85 63.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 15.514 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013768.D

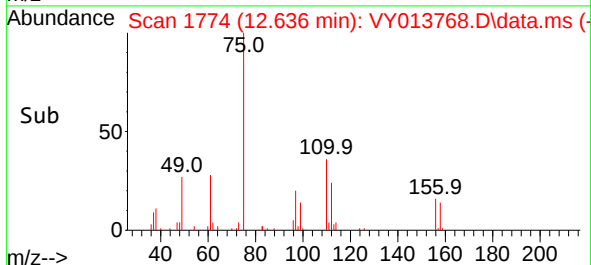
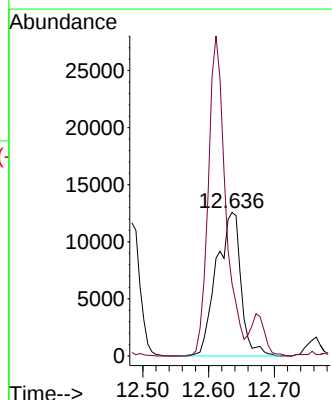
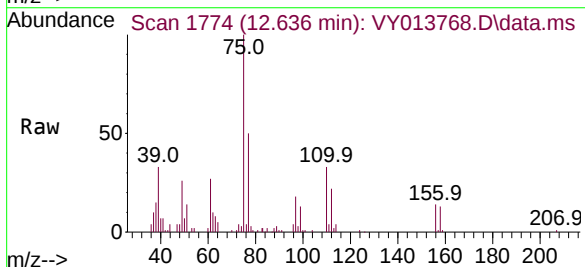
Acq: 17 May 2023 10:37

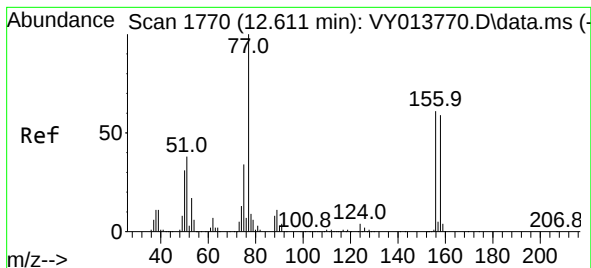
Tgt Ion: 75 Resp: 32648

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.336 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

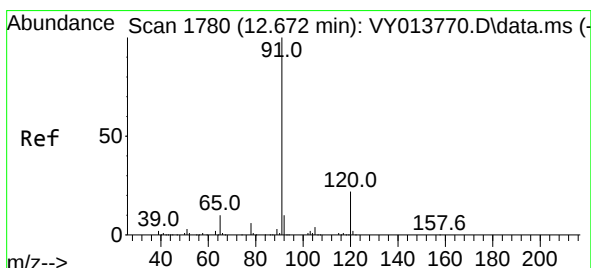
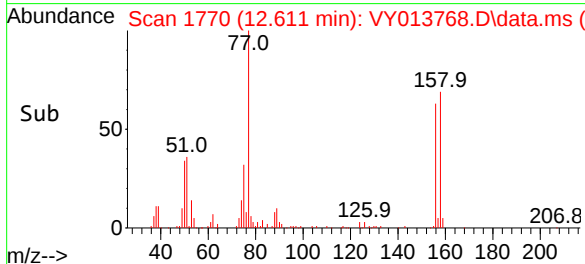
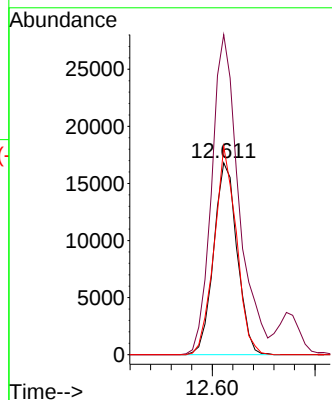
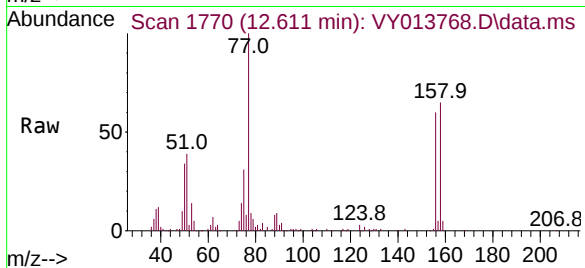
Tgt Ion:156 Resp: 26576

Ion Ratio Lower Upper

156 100

77 193.8 97.1 291.3

158 103.5 49.1 147.3



#78

n-propylbenzene

Concen: 9.207 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013768.D

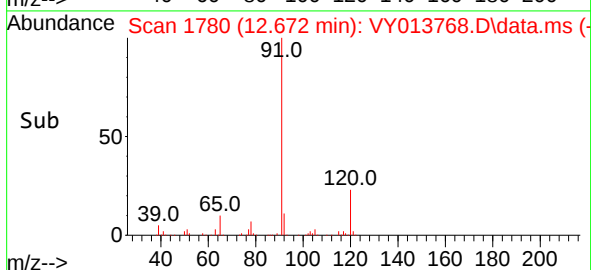
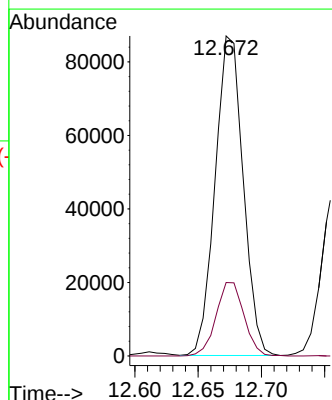
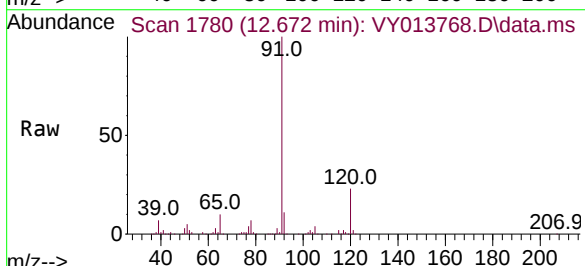
Acq: 17 May 2023 10:37

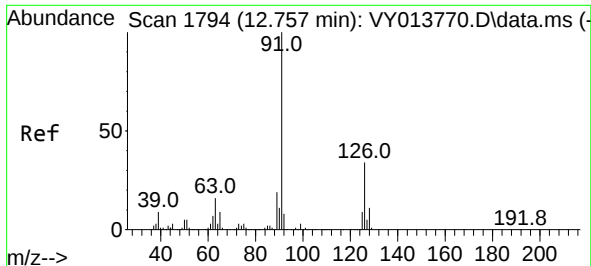
Tgt Ion: 91 Resp: 133827

Ion Ratio Lower Upper

91 100

120 22.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 9.342 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

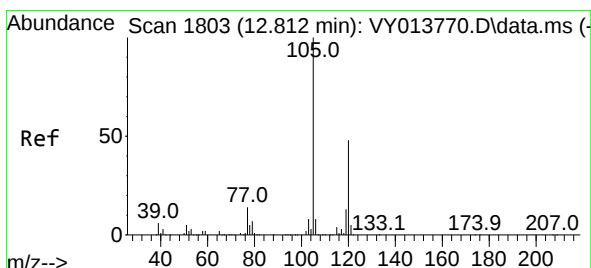
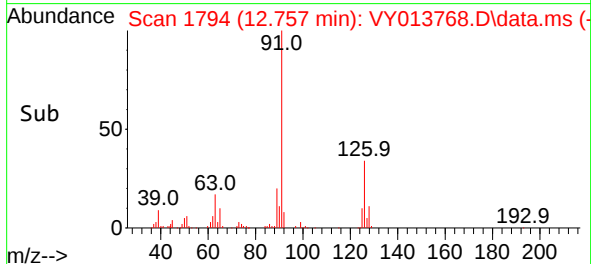
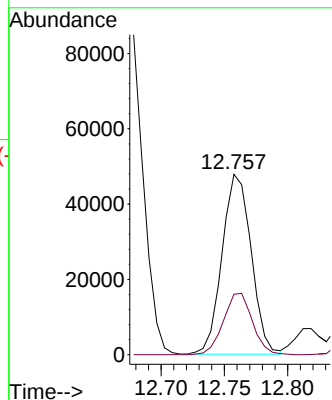
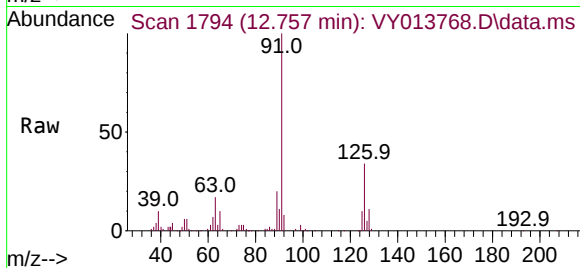
VSTDIC010

Tgt Ion: 91 Resp: 76642

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 9.400 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY013768.D

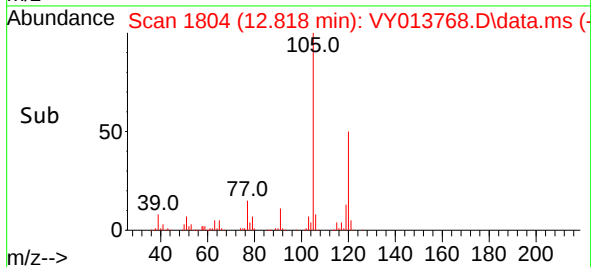
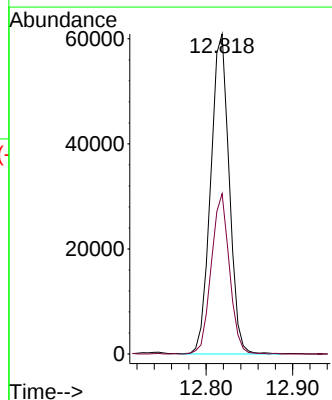
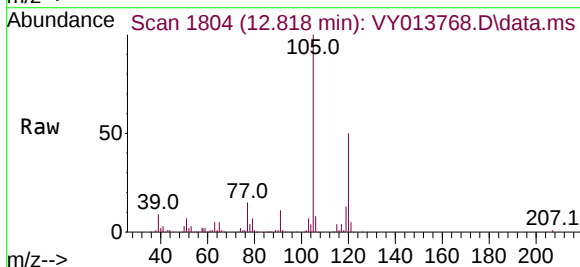
Acq: 17 May 2023 10:37

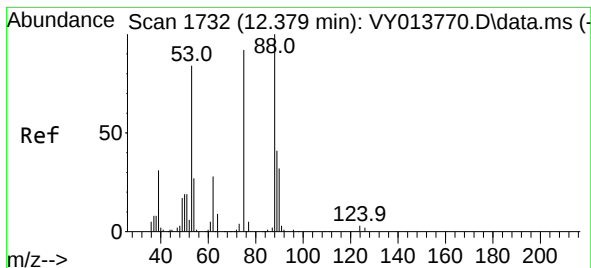
Tgt Ion: 105 Resp: 90450

Ion Ratio Lower Upper

105 100

120 49.1 23.8 71.5

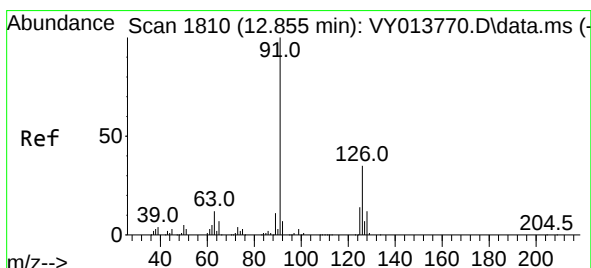
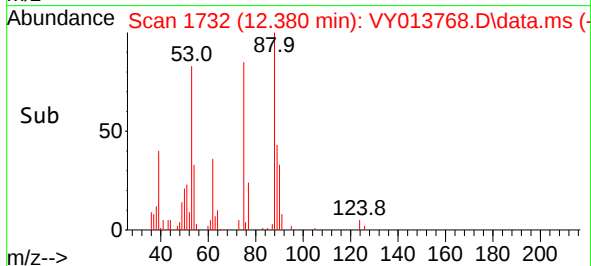
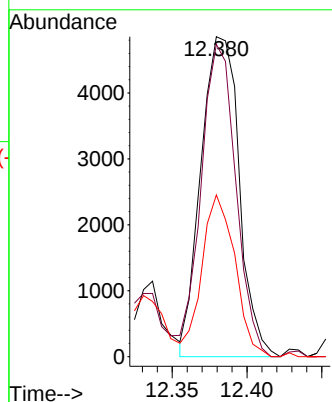
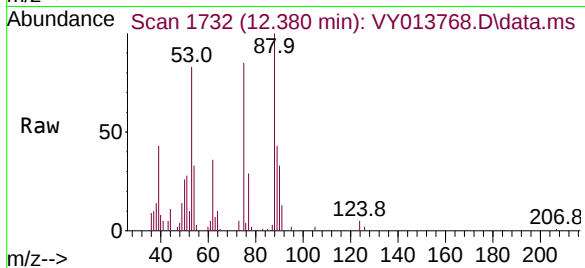




#81
trans-1,4-Dichloro-2-butene
Concen: 9.091 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

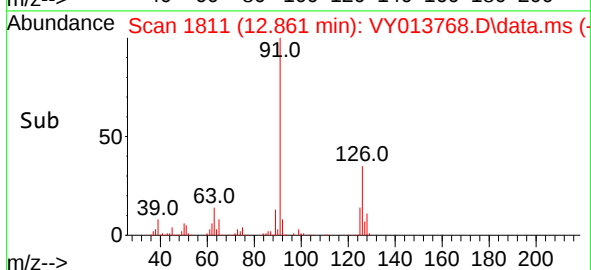
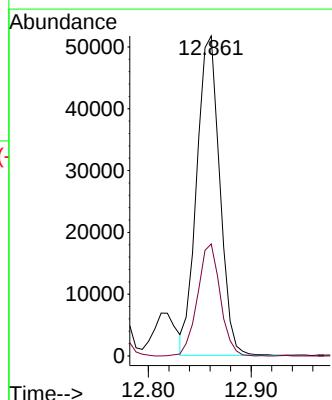
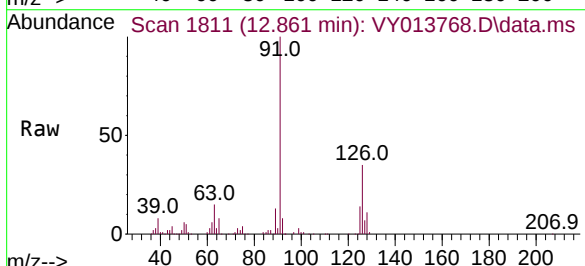
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

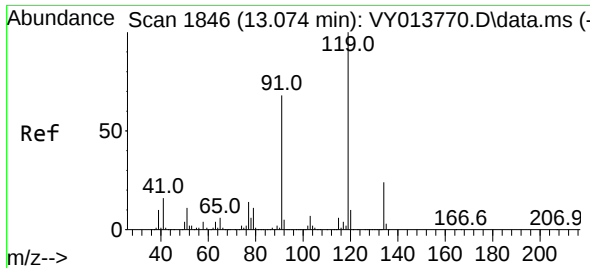
Tgt Ion: 75 Resp: 8614
Ion Ratio Lower Upper
75 100
53 89.8 75.3 112.9
89 43.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 9.414 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 91 Resp: 80450
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4

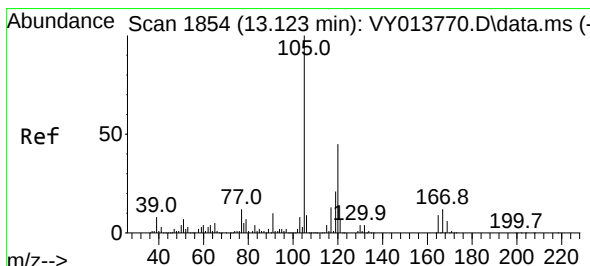
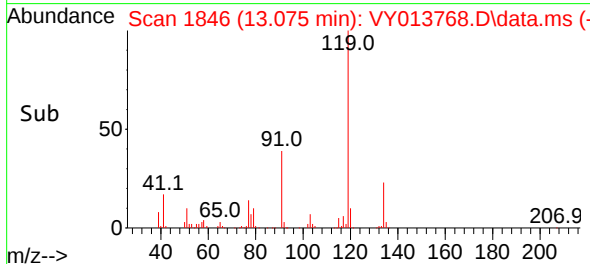
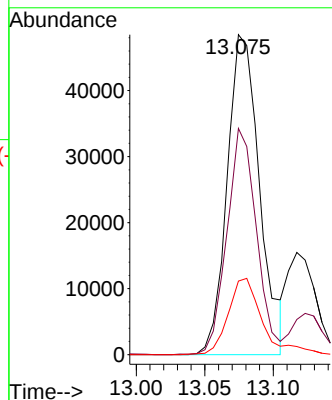
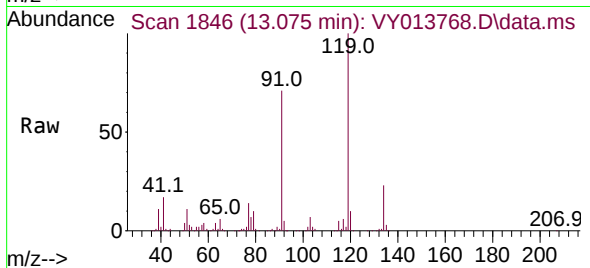




#83
 tert-Butylbenzene
 Concen: 9.516 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

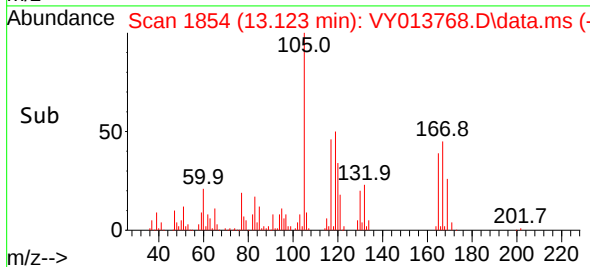
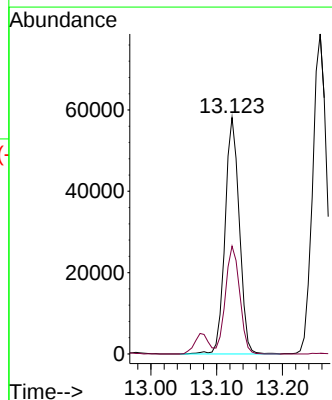
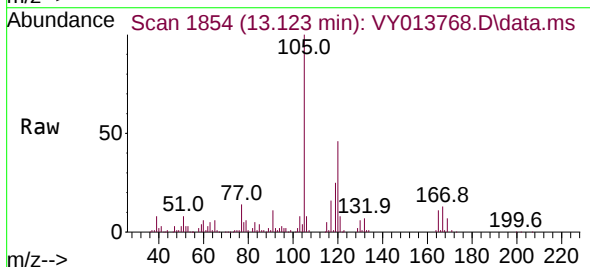
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

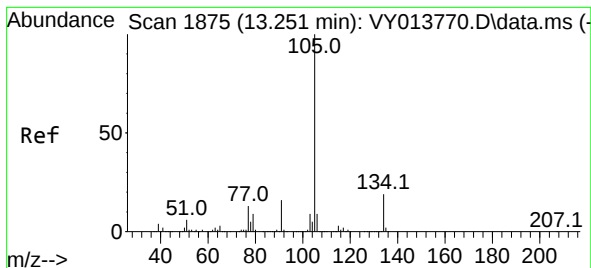
Tgt Ion:119 Resp: 79737
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.3 99.9
 134 25.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 9.315 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY013768.D
 Acq: 17 May 2023 10:37

Tgt Ion:105 Resp: 87850
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 9.325 ug/l

RT: 13.257 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

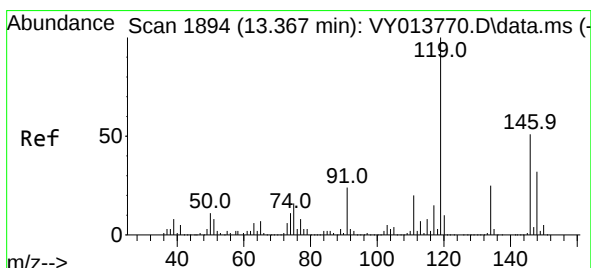
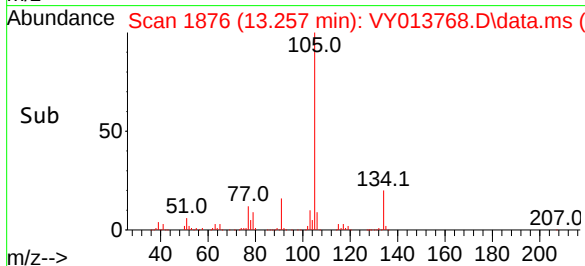
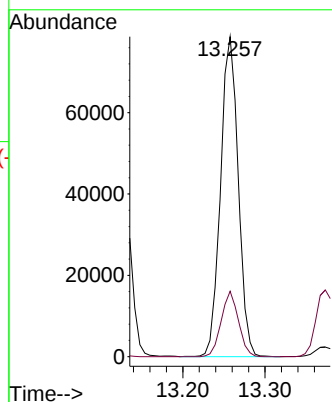
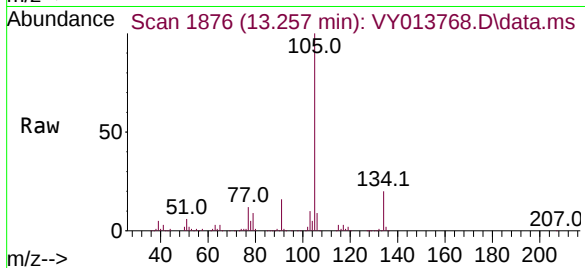
VSTDIC010

Tgt Ion:105 Resp: 117896

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 9.350 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

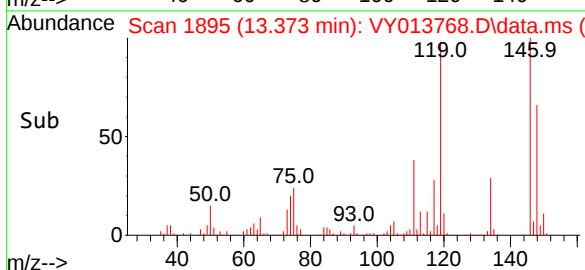
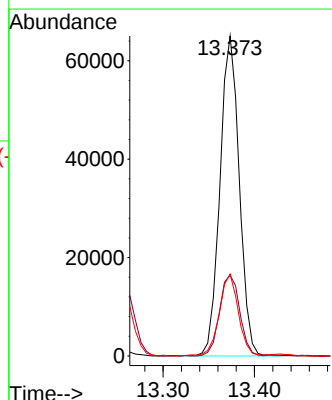
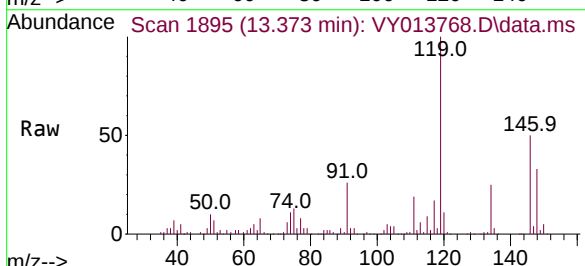
Tgt Ion:119 Resp: 95451

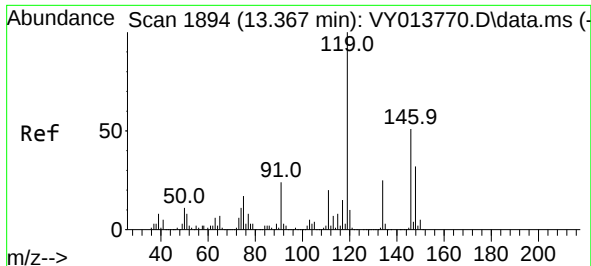
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 25.3 11.8 35.4

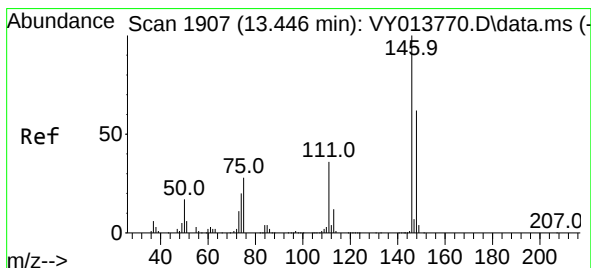
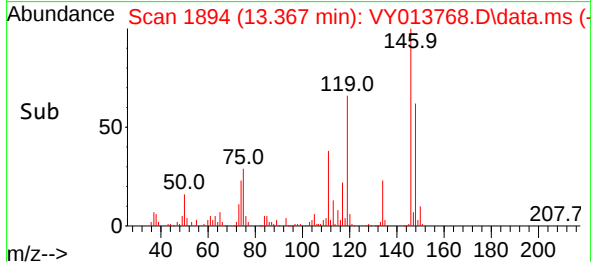
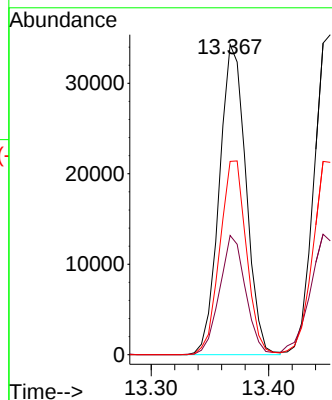
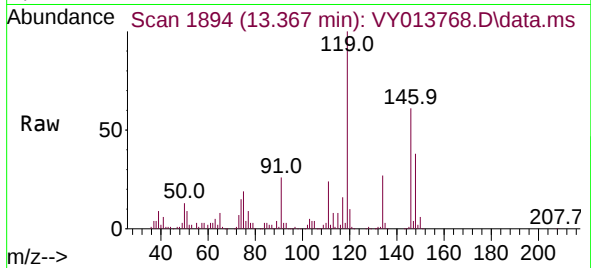




#87
1,3-Dichlorobenzene
Concen: 9.757 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

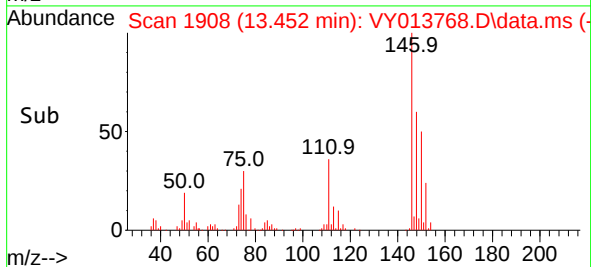
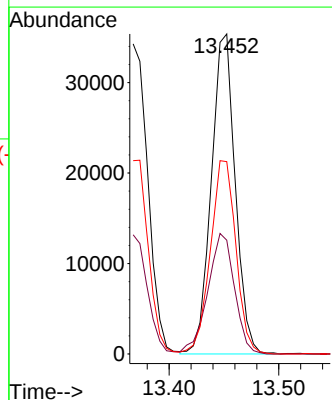
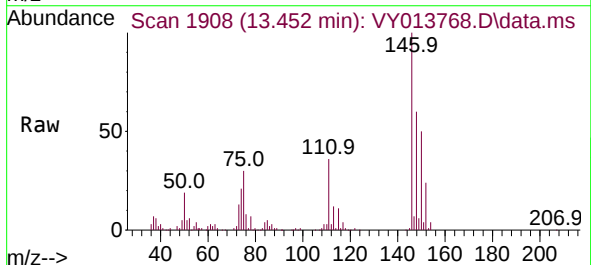
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

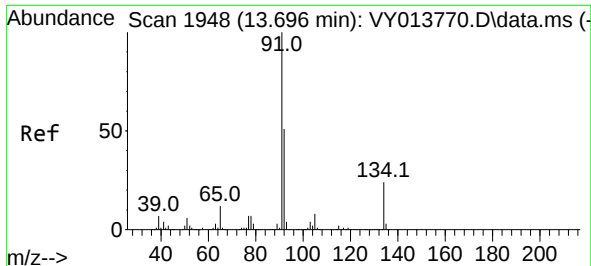
Tgt Ion:146 Resp: 54070
Ion Ratio Lower Upper
146 100
111 37.7 19.7 59.0
148 62.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 9.633 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion:146 Resp: 53678
Ion Ratio Lower Upper
146 100
111 42.1 18.9 56.7
148 64.7 31.6 94.7





#89

n-Butylbenzene

Concen: 9.159 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

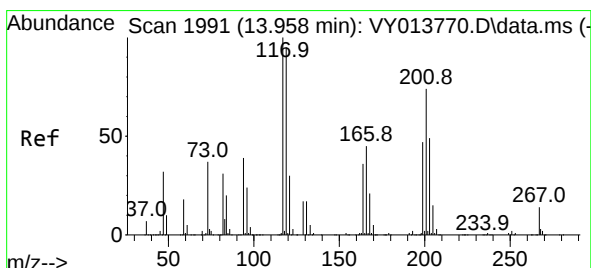
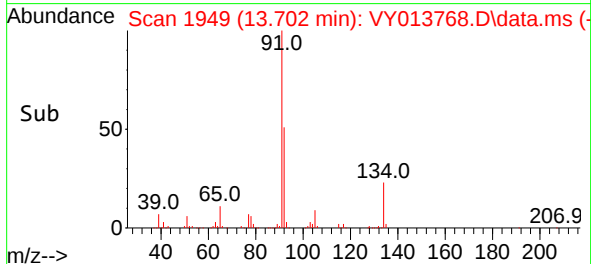
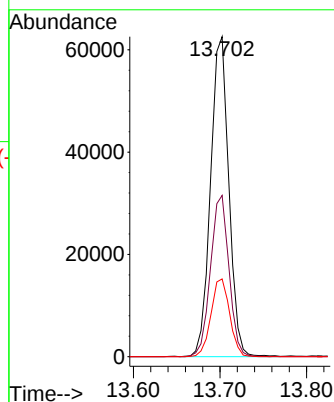
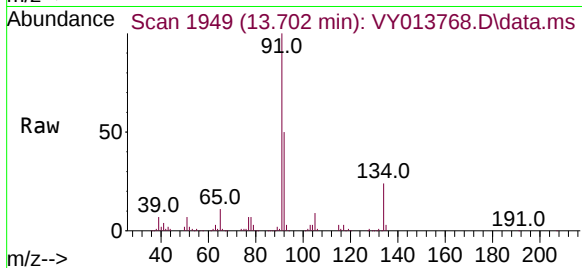
Tgt Ion: 91 Resp: 91668

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

134 24.8 12.2 36.6



#90

Hexachloroethane

Concen: 9.798 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013768.D

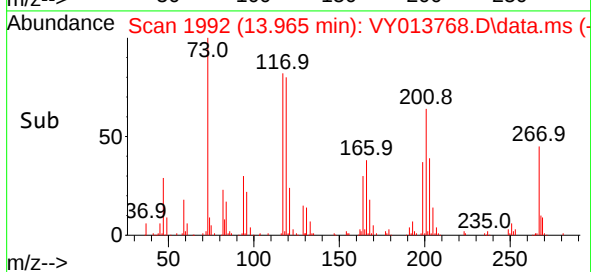
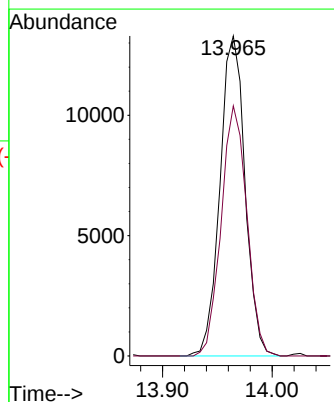
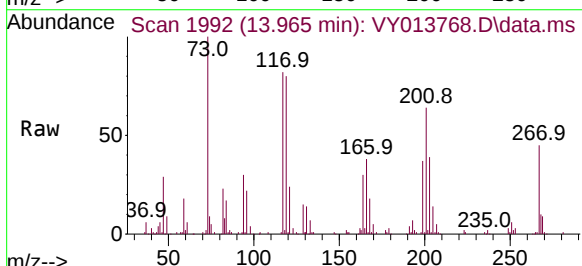
Acq: 17 May 2023 10:37

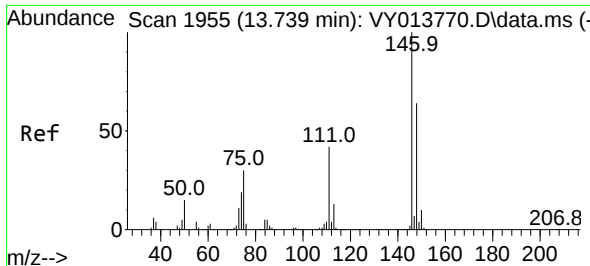
Tgt Ion: 117 Resp: 21138

Ion Ratio Lower Upper

117 100

201 79.9 39.2 117.6

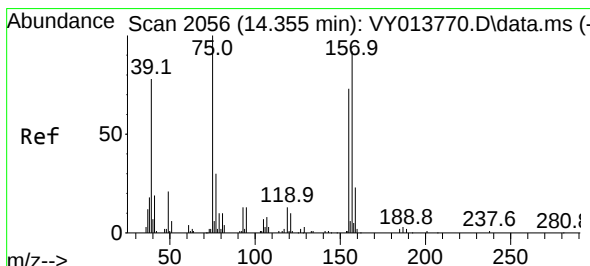
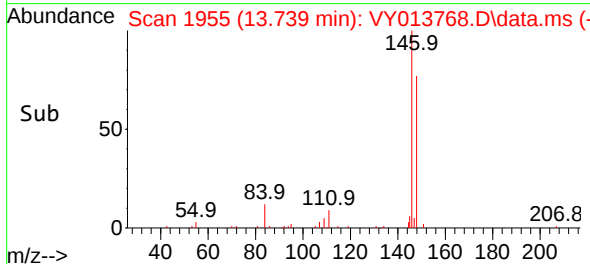
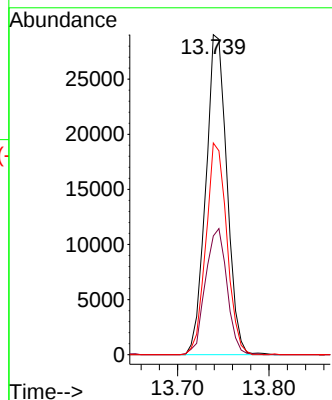
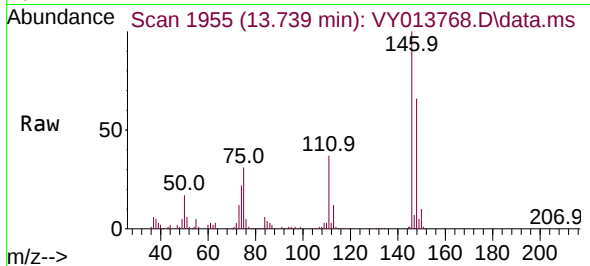




#91
1,2-Dichlorobenzene
Concen: 9.427 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

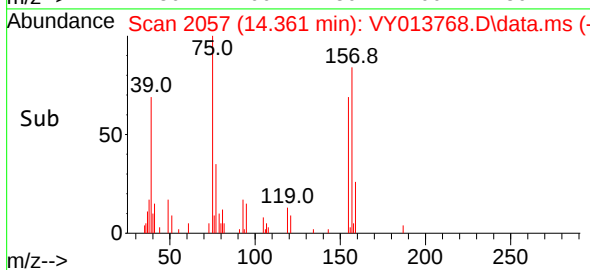
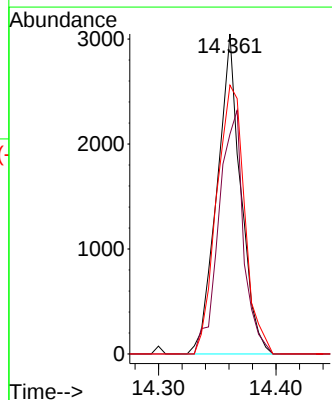
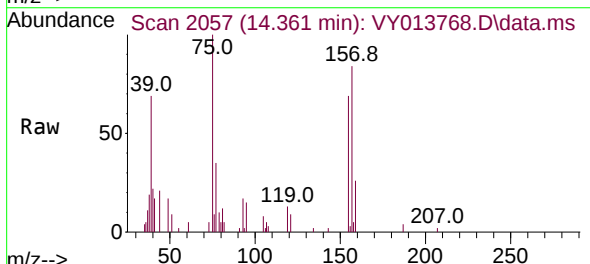
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

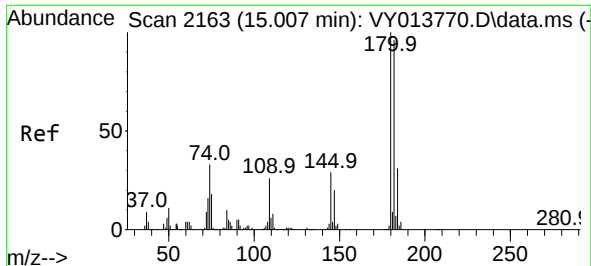
Tgt Ion:146 Resp: 46521
Ion Ratio Lower Upper
146 100
111 40.3 20.0 59.9
148 65.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.438 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion: 75 Resp: 4275
Ion Ratio Lower Upper
75 100
155 79.1 39.1 117.3
157 99.4 50.2 150.7

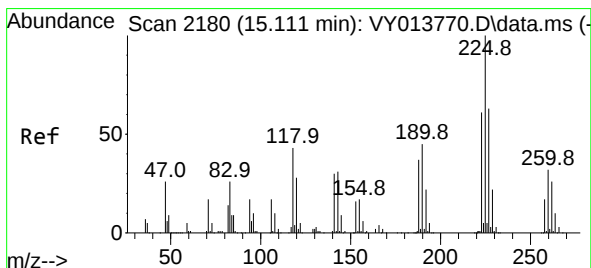
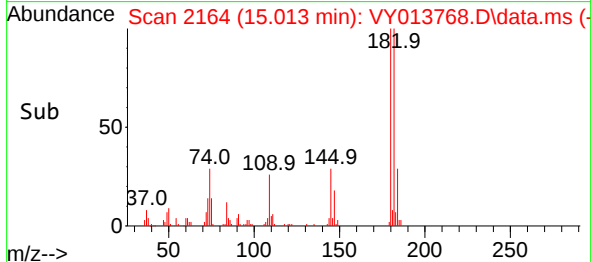
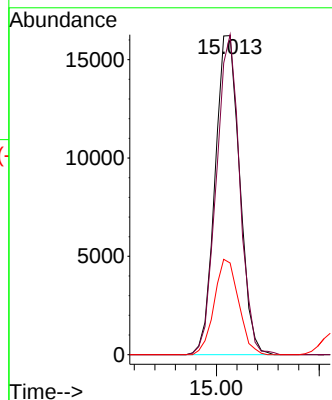
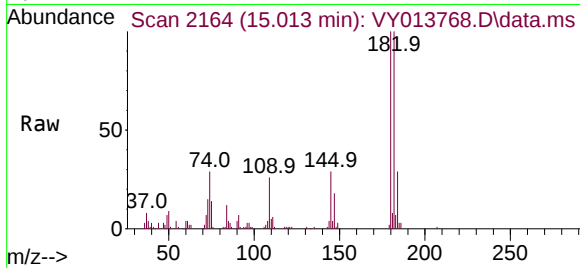




#93
1,2,4-Trichlorobenzene
Concen: 9.195 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

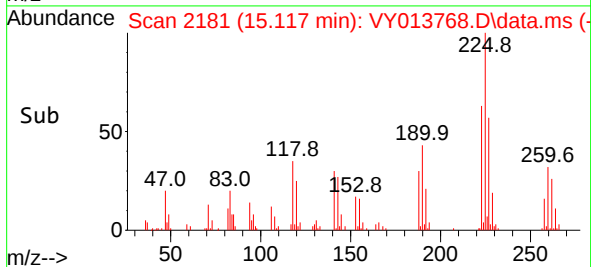
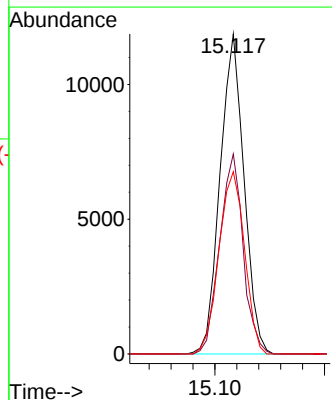
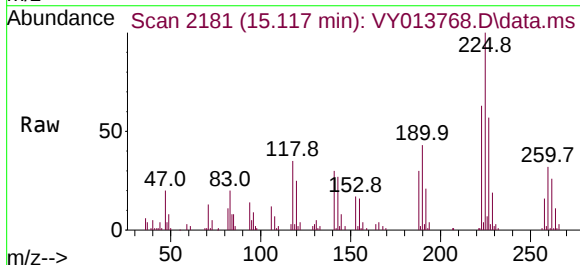
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

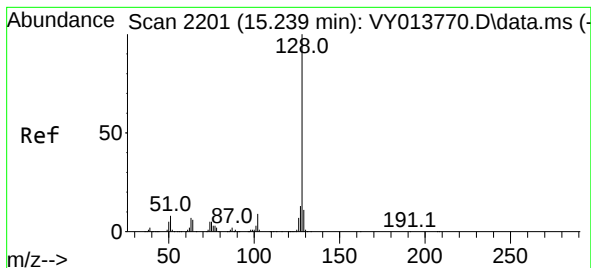
Tgt Ion:180 Resp: 26926
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.3
145 29.6 14.9 44.9



#94
Hexachlorobutadiene
Concen: 9.909 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY013768.D
Acq: 17 May 2023 10:37

Tgt Ion:225 Resp: 18025
Ion Ratio Lower Upper
225 100
223 61.2 30.6 91.6
227 60.9 31.6 94.7





#95

Naphthalene

Concen: 8.261 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

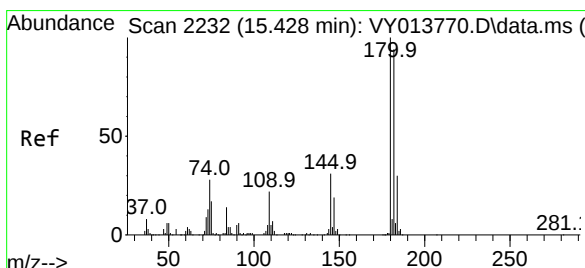
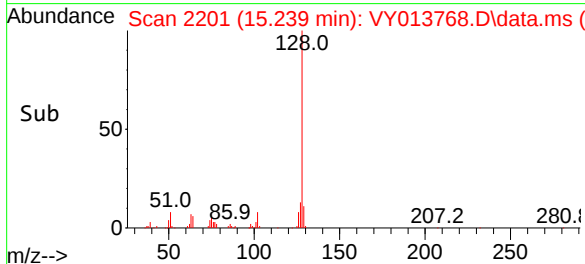
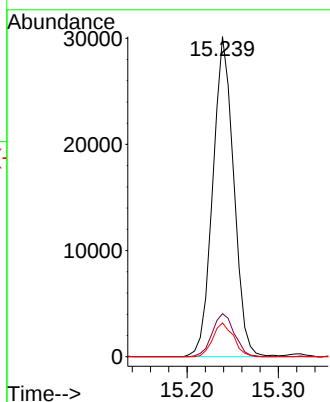
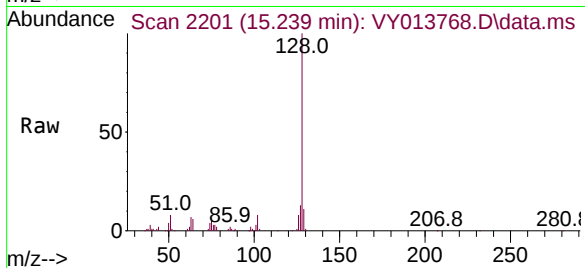
Tgt Ion:128 Resp: 48011

Ion Ratio Lower Upper

128 100

127 14.2 10.8 16.2

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.324 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY013768.D

Acq: 17 May 2023 10:37

Tgt Ion:180 Resp: 24566

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.4

145 30.3 15.6 46.7

