

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013774.D
 Acq On : 17 May 2023 13:45
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051723

Quant Time: May 18 06:57:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	265150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	375632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150010	48.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.716	113	134759	50.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.220%
50) Toluene-d8	10.179	98	515273	50.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.477	95	174963	51.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91568	48.099	ug/l	99
3) Chloromethane	2.113	50	140711	48.753	ug/l	99
4) Vinyl Chloride	2.253	62	142539	49.459	ug/l	100
5) Bromomethane	2.656	94	114606	44.845	ug/l	98
6) Chloroethane	2.796	64	98208	49.576	ug/l	94
7) Trichlorofluoromethane	3.131	101	201905	48.136	ug/l	99
8) Diethyl Ether	3.528	74	68196	48.589	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	118720	48.362	ug/l	98
10) Methyl Iodide	4.088	142	138711	51.431	ug/l	99
11) Tert butyl alcohol	4.966	59	74060	296.805	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	108600	48.807	ug/l	96
13) Acrolein	3.729	56	104303	233.987	ug/l	99
14) Allyl chloride	4.479	41	221235	50.474	ug/l	99
15) Acrylonitrile	5.161	53	199438	242.307	ug/l	100
16) Acetone	3.954	43	237658	255.740	ug/l	98
17) Carbon Disulfide	4.192	76	304001	47.546	ug/l	97
18) Methyl Acetate	4.473	43	152125	46.955	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	342530	50.739	ug/l	99
20) Methylene Chloride	4.710	84	149643	53.891	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	123980	49.484	ug/l	94
22) Diisopropyl ether	6.119	45	488603	52.405	ug/l	98
23) Vinyl Acetate	6.058	43	1428480	264.767	ug/l	100
24) 1,1-Dichloroethane	6.015	63	254575	49.948	ug/l	100
25) 2-Butanone	6.984	43	308721	255.555	ug/l	98
26) 2,2-Dichloropropane	6.978	77	223557	51.350	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	149766	50.729	ug/l	97
28) Bromochloromethane	7.332	49	83310	46.716	ug/l	100
29) Tetrahydrofuran	7.350	42	180541	249.771	ug/l	99
30) Chloroform	7.503	83	255683	49.782	ug/l	95
31) Cyclohexane	7.783	56	206824	46.833	ug/l	100
32) 1,1,1-Trichloroethane	7.698	97	218783	49.903	ug/l	99
36) 1,1-Dichloropropene	7.917	75	184261	49.585	ug/l	99
37) Ethyl Acetate	7.070	43	127897	50.035	ug/l	99
38) Carbon Tetrachloride	7.899	117	192426	49.085	ug/l	95
39) Methylcyclohexane	9.179	83	211475	50.069	ug/l	98
40) Benzene	8.161	78	535635	49.601	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	66957	52.712	ug/l #	81
42) 1,2-Dichloroethane	8.234	62	172145	49.337	ug/l	100
43) Isopropyl Acetate	8.271	43	234018	50.440	ug/l	100
44) Trichloroethene	8.935	130	138785	49.163	ug/l	98
45) 1,2-Dichloropropane	9.216	63	150588	50.747	ug/l	98
46) Dibromomethane	9.301	93	81142	48.824	ug/l	99
47) Bromodichloromethane	9.490	83	197667	50.223	ug/l	98
48) Methyl methacrylate	9.289	41	109922	51.578	ug/l	98
49) 1,4-Dioxane	9.307	88	20754	1017.494	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	647935	250.787	ug/l	99
52) Toluene	10.240	92	332276	50.755	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	206299	50.838	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	230835	50.983	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	112886	49.941	ug/l	99
56) Ethyl methacrylate	10.508	69	159297	52.808	ug/l	99
57) 1,3-Dichloropropane	10.789	76	194427	49.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	244924	224.110	ug/l	99
59) 2-Hexanone	10.831	43	477372	259.939	ug/l	99
60) Dibromochloromethane	10.984	129	135411	49.439	ug/l	98
61) 1,2-Dibromoethane	11.087	107	107299	50.340	ug/l	98
64) Tetrachloroethene	10.715	164	113818	47.765	ug/l	98
65) Chlorobenzene	11.514	112	353537	49.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	134731	48.770	ug/l	98
67) Ethyl Benzene	11.593	91	647102	51.219	ug/l	99
68) m/p-Xylenes	11.703	106	485578	102.615	ug/l	99
69) o-Xylene	12.026	106	233004	51.762	ug/l	99
70) Styrene	12.044	104	397027	51.930	ug/l	100
71) Bromoform	12.209	173	92319	50.584	ug/l #	97
73) Isopropylbenzene	12.331	105	626886	51.275	ug/l	100
74) N-amyl acetate	12.142	43	213581	51.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	144334	49.835	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	184627	84.473	ug/l #	100
77) Bromobenzene	12.605	156	147395	49.977	ug/l	99
78) n-propylbenzene	12.672	91	778209	51.673	ug/l	99
79) 2-Chlorotoluene	12.758	91	435882	51.282	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	513957	51.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	50026	50.959	ug/l	99
82) 4-Chlorotoluene	12.855	91	451522	50.997	ug/l	100
83) tert-Butylbenzene	13.075	119	455258	52.440	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	508327	52.025	ug/l	99
85) sec-Butylbenzene	13.251	105	682145	52.077	ug/l	99
86) p-Isopropyltoluene	13.367	119	552721	52.256	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	289490	50.421	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	287792	49.850	ug/l	99
89) n-Butylbenzene	13.697	91	544232	52.482	ug/l	100
90) Hexachloroethane	13.959	117	109841	49.143	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	259072	50.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22432	47.801	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	155408	51.222	ug/l	100
94) Hexachlorobutadiene	15.111	225	93059	49.375	ug/l	98
95) Naphthalene	15.239	128	319984	53.139	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	139102	50.958	ug/l	100

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QLast Update : Thu May 18 06:54:18 2023
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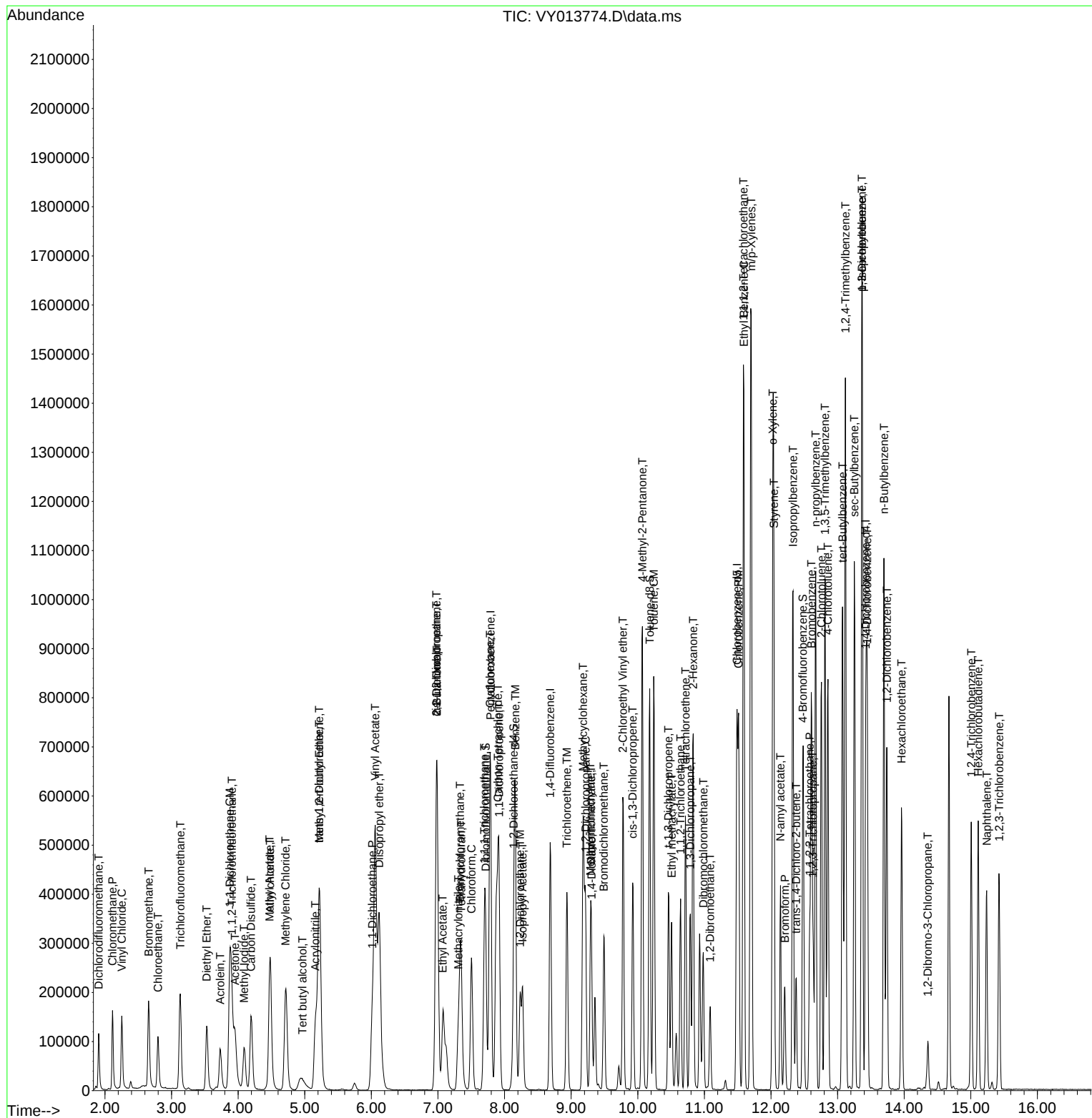
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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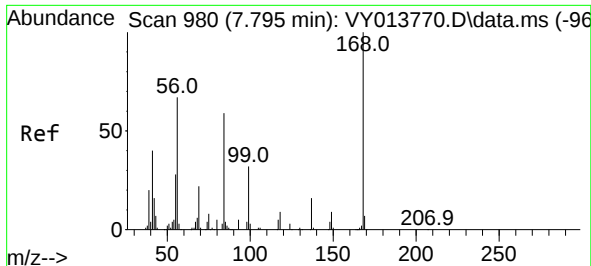
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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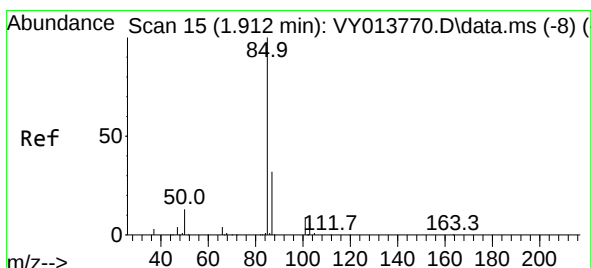
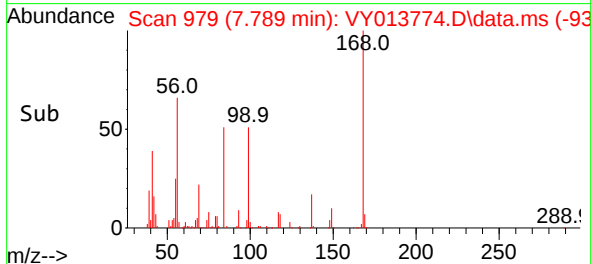
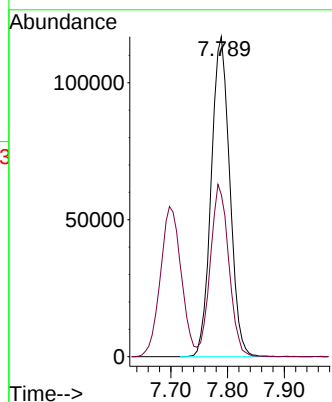
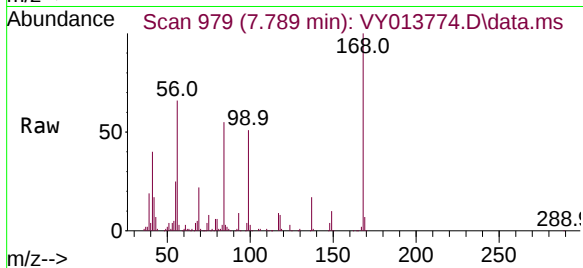




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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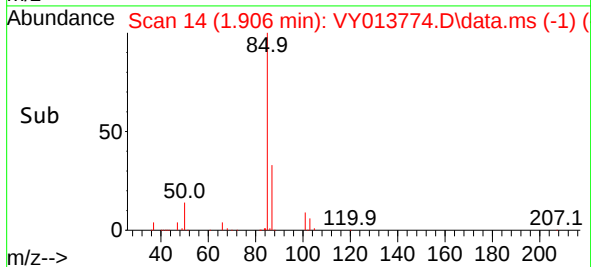
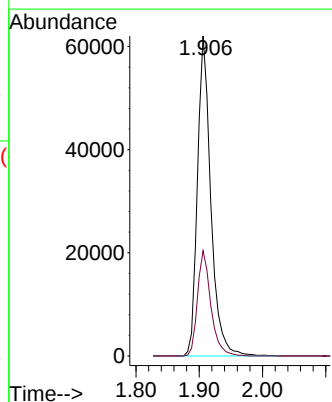
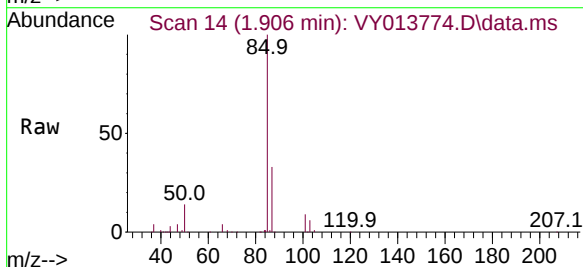
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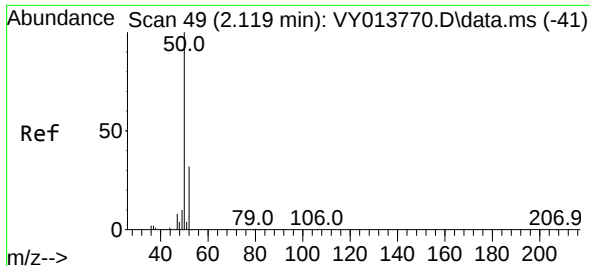
Tgt Ion:168 Resp: 265150
Ion Ratio Lower Upper
168 100
99 50.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 48.099 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 85 Resp: 91568
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

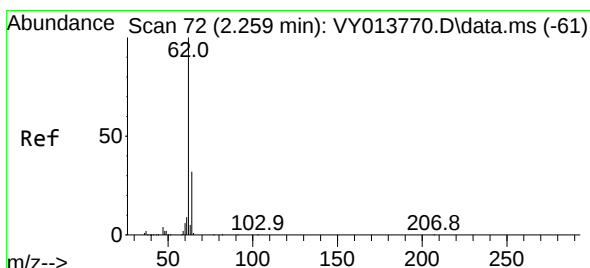
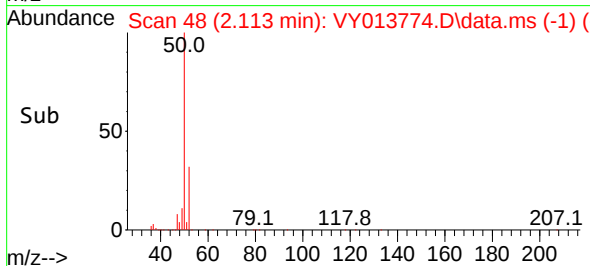
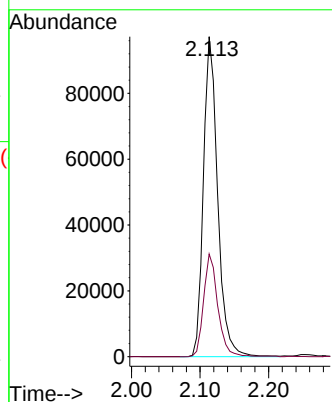
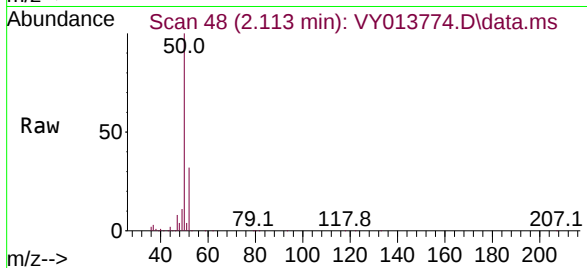




#3
Chloromethane
Concen: 48.753 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

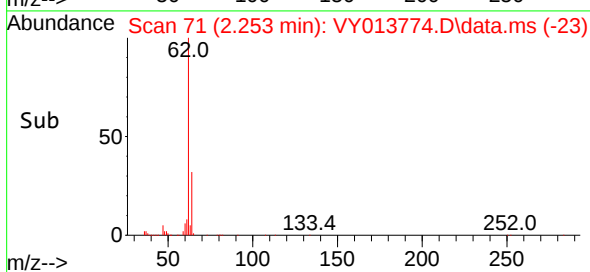
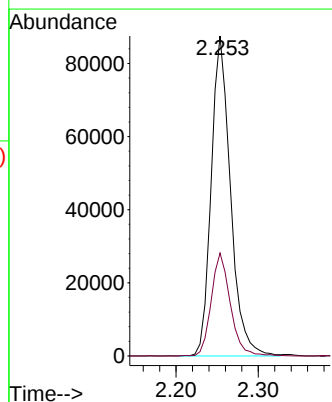
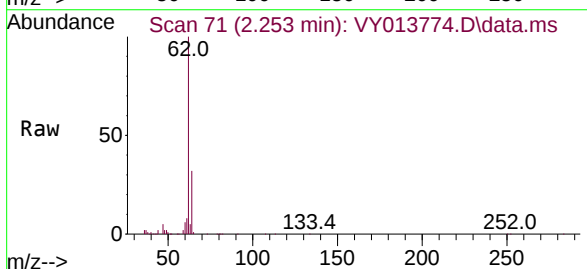
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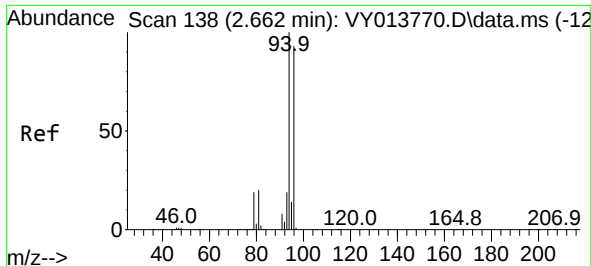
Tgt Ion: 50 Resp: 140711
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 49.459 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 62 Resp: 142539
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6

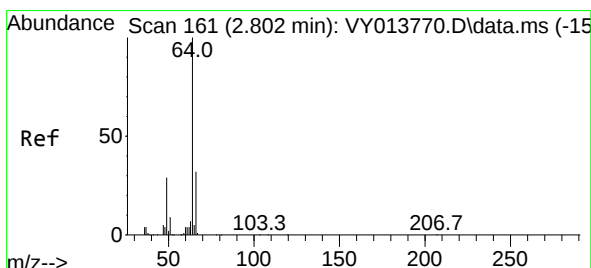
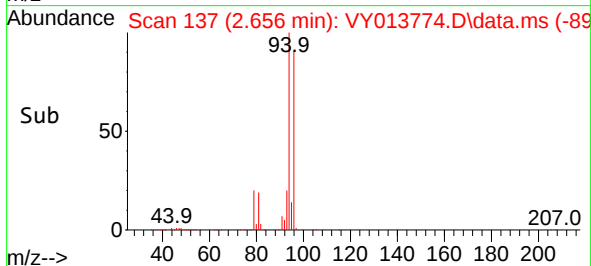
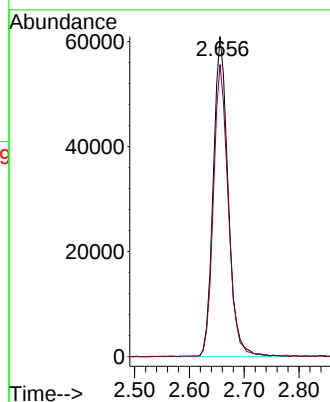
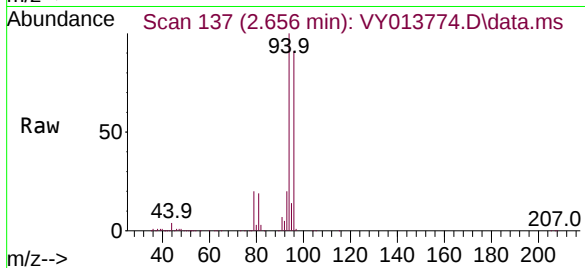




#5
Bromomethane
Concen: 44.845 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013774.D
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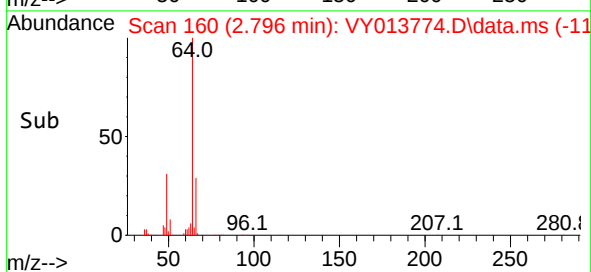
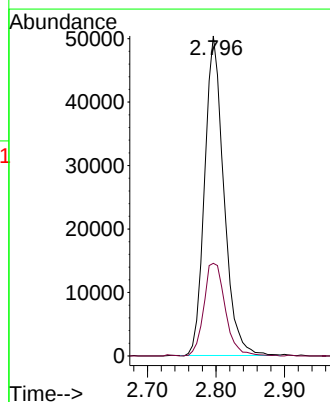
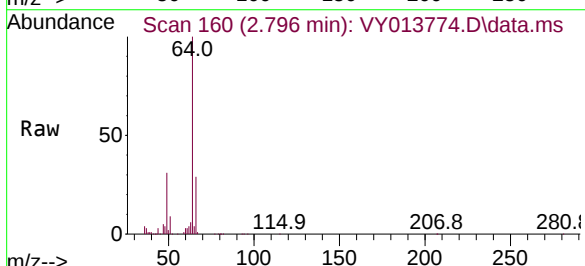
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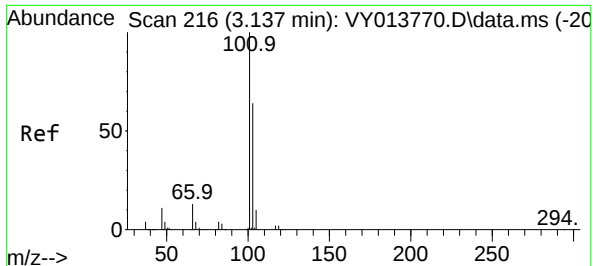
Tgt Ion: 94 Resp: 114606
Ion Ratio Lower Upper
94 100
96 91.1 74.2 111.4



#6
Chloroethane
Concen: 49.576 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 98208
Ion Ratio Lower Upper
64 100
66 29.0 25.8 38.6

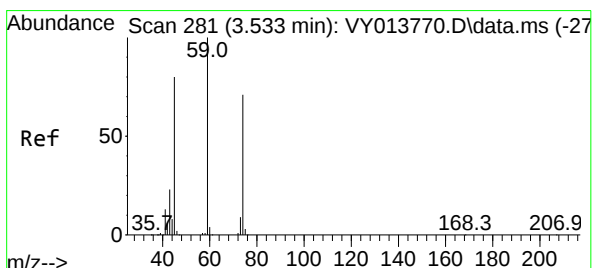
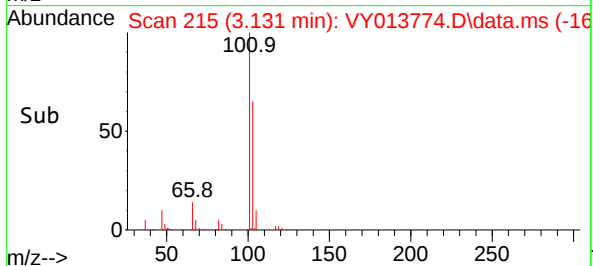
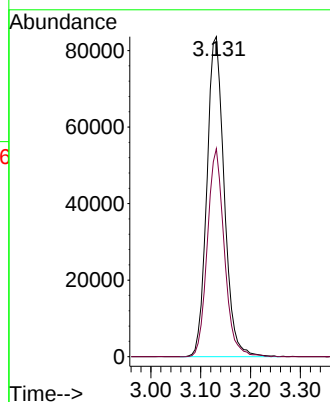
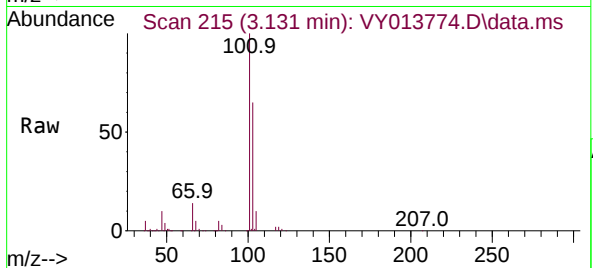




#7
Trichlorofluoromethane
Concen: 48.136 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

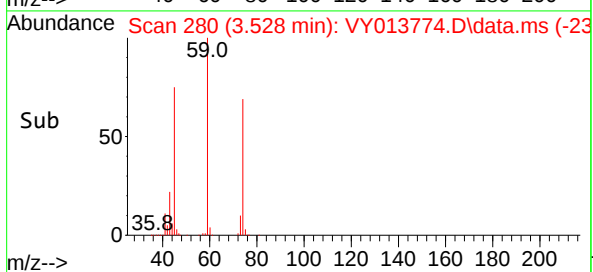
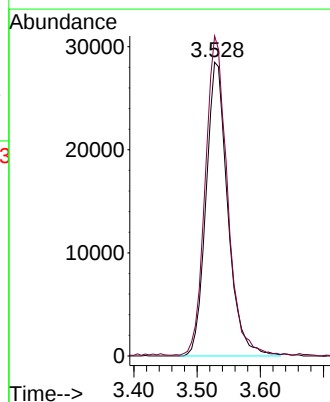
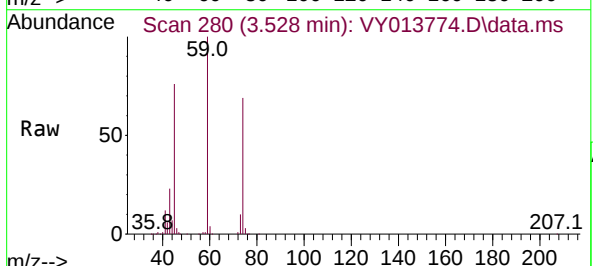
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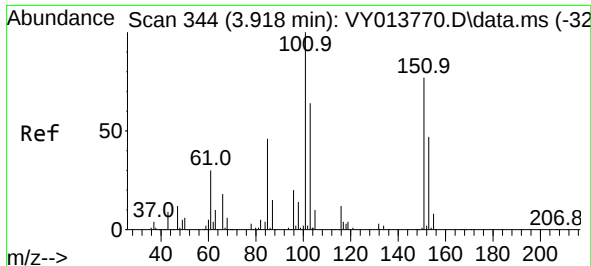
Tgt Ion:101 Resp: 201905
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0



#8
Diethyl Ether
Concen: 48.589 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
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Acq: 17 May 2023 13:45

Tgt Ion: 74 Resp: 68196
Ion Ratio Lower Upper
74 100
45 110.6 56.1 168.3

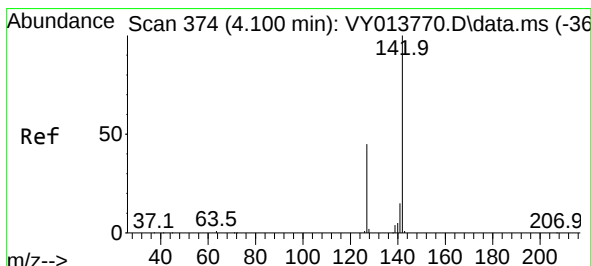
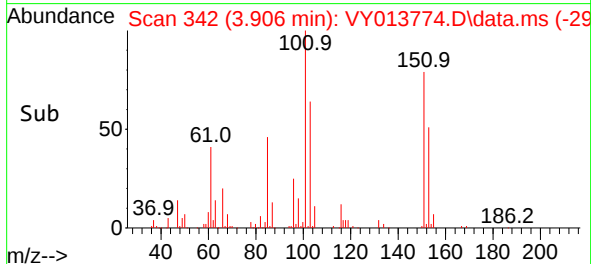
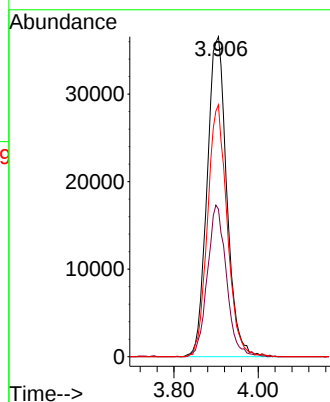
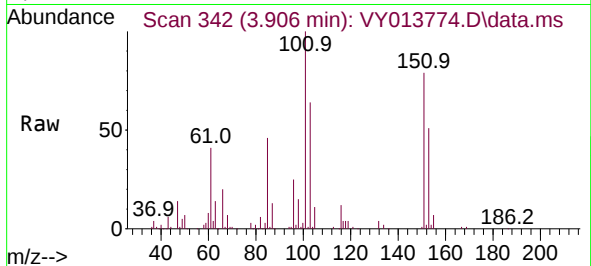




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.362 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

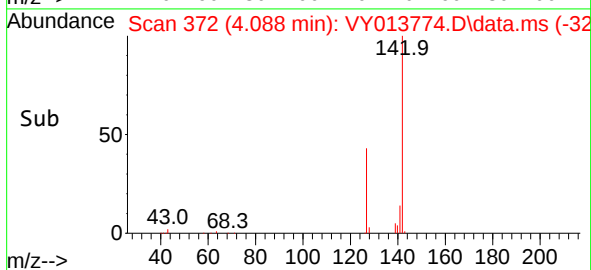
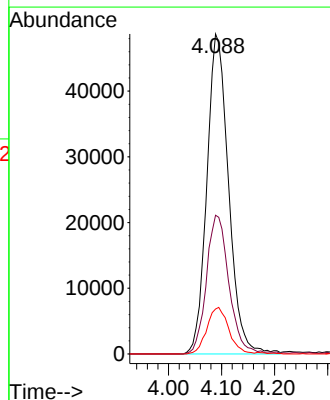
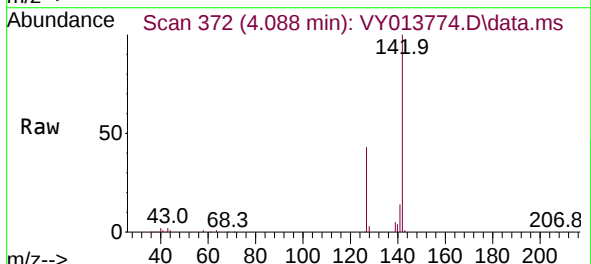
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

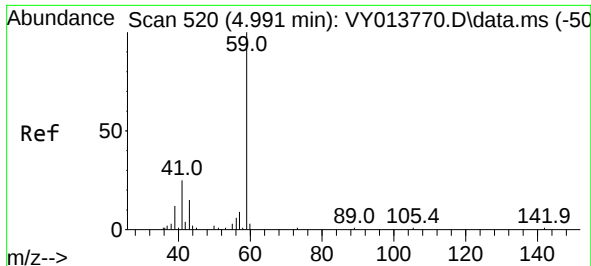
Tgt Ion:101 Resp: 118720
Ion Ratio Lower Upper
101 100
85 45.8 37.8 56.8
151 78.3 64.2 96.2



#10
Methyl Iodide
Concen: 51.431 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion:142 Resp: 138711
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.2
141 14.7 11.5 17.3





#11

Tert butyl alcohol

Concen: 296.805 ug/l

RT: 4.966 min Scan# 516

Delta R.T. -0.024 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

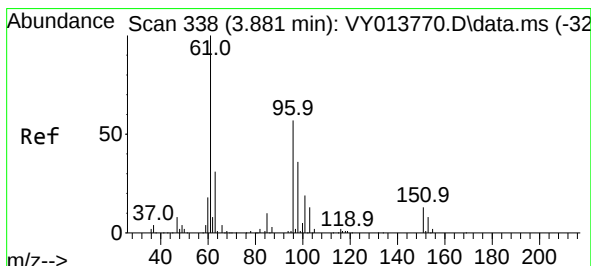
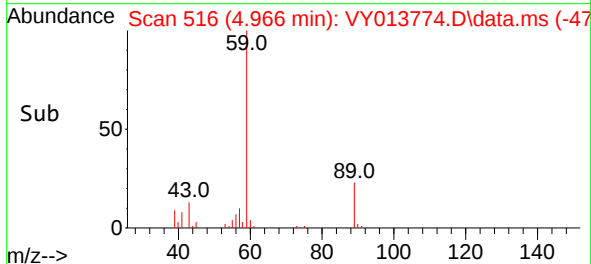
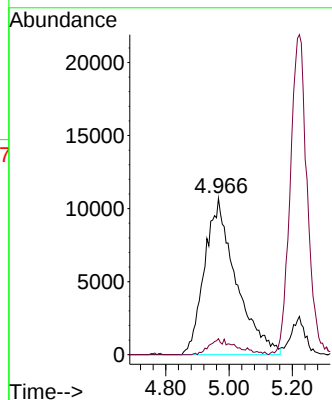
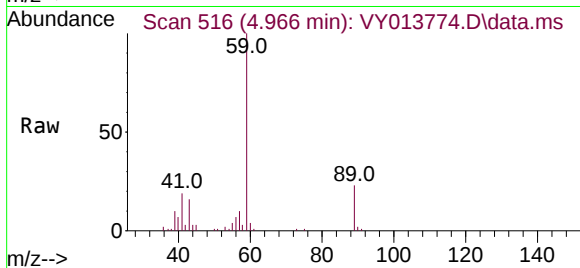
ICVVY051723

Tgt Ion: 59 Resp: 74060

Ion Ratio Lower Upper

59 100

57 4.0 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 48.807 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

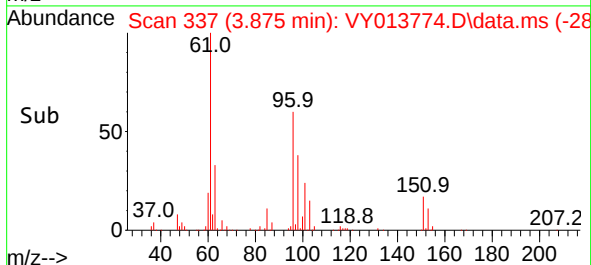
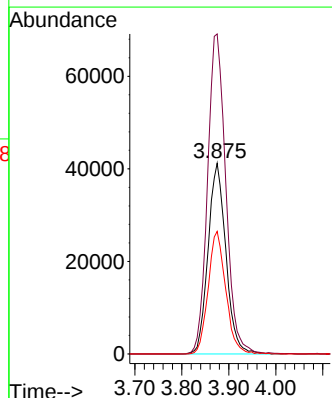
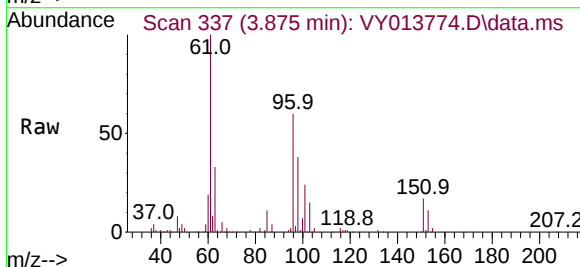
Tgt Ion: 96 Resp: 108600

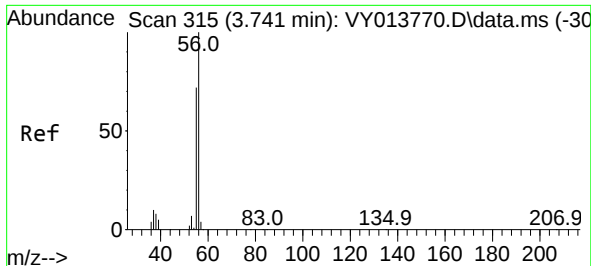
Ion Ratio Lower Upper

96 100

61 167.7 139.8 209.6

98 64.3 49.7 74.5

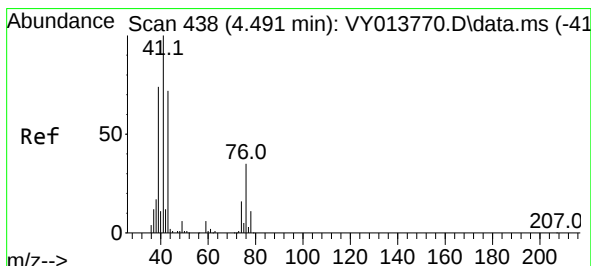
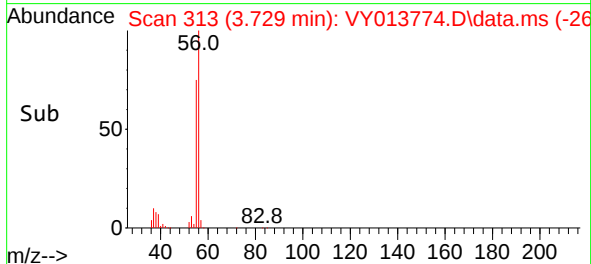
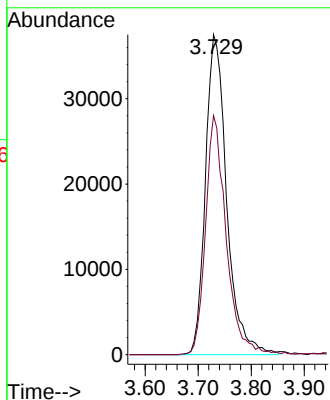
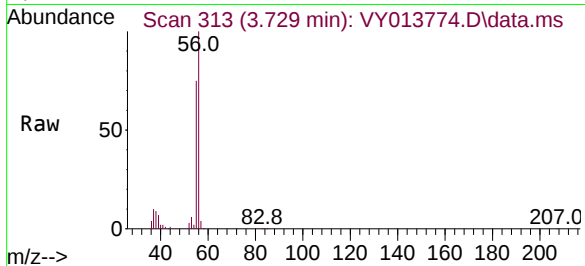




#13
Acrolein
Concen: 233.987 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

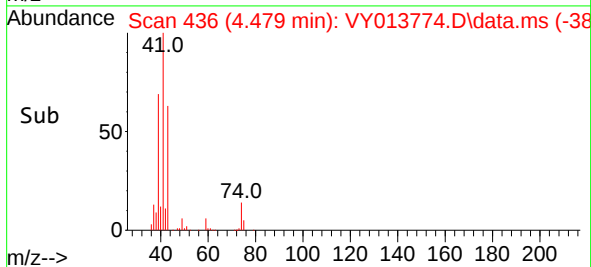
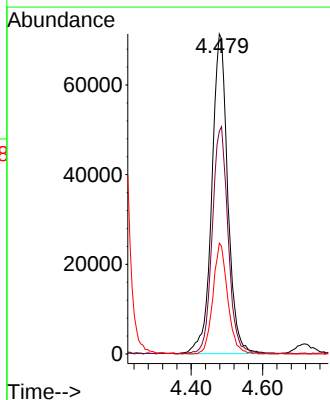
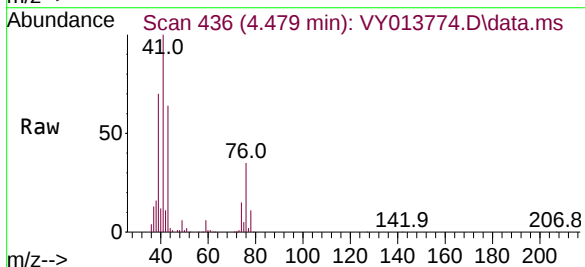
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

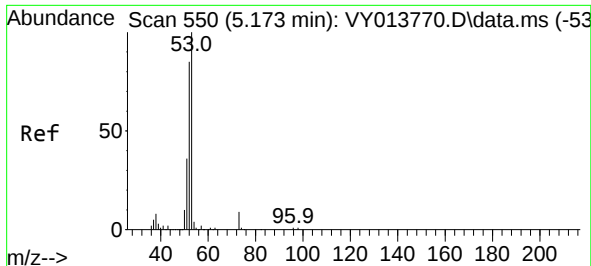
Tgt Ion: 56 Resp: 104303
Ion Ratio Lower Upper
56 100
55 72.6 57.5 86.3



#14
Allyl chloride
Concen: 50.474 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 41 Resp: 221235
Ion Ratio Lower Upper
41 100
39 70.3 55.8 83.6
76 32.1 26.2 39.2

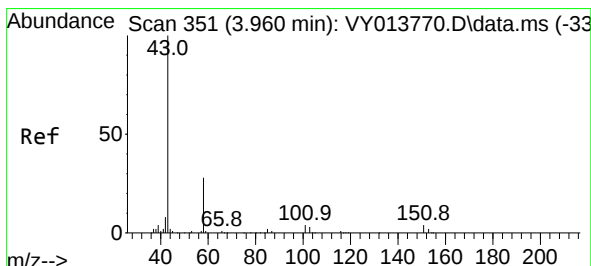
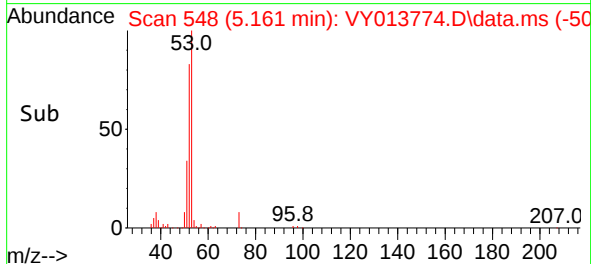
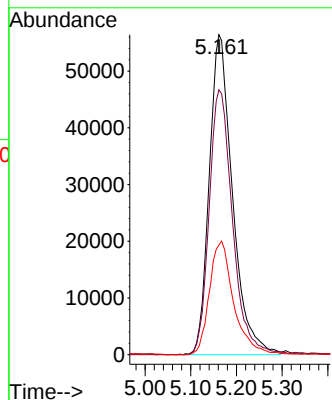
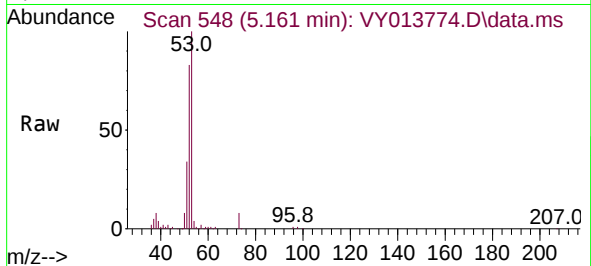




#15
Acrylonitrile
Concen: 242.307 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

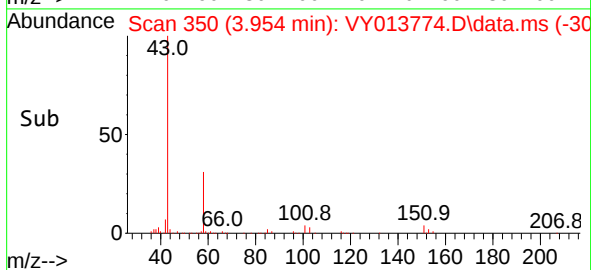
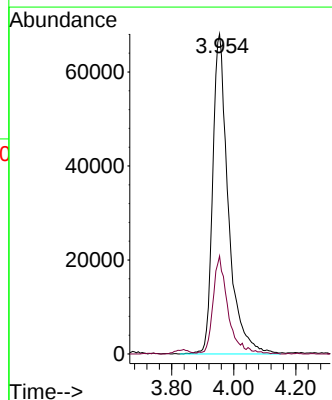
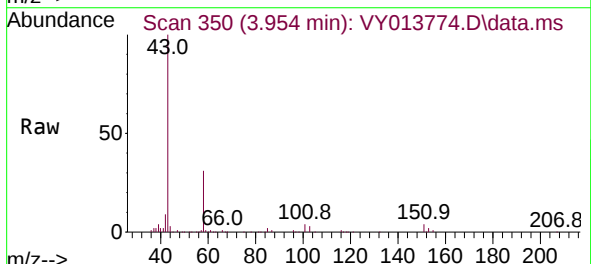
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

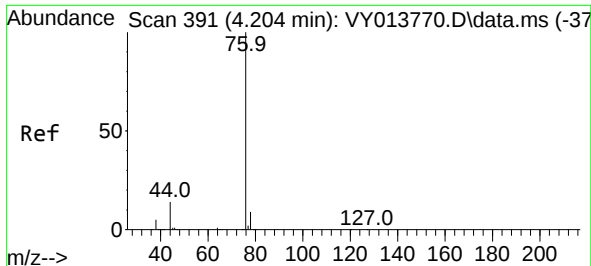
Tgt Ion: 53 Resp: 199438
Ion Ratio Lower Upper
53 100
52 83.3 66.5 99.7
51 37.2 30.1 45.1



#16
Acetone
Concen: 255.740 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 43 Resp: 237658
Ion Ratio Lower Upper
43 100
58 30.6 23.7 35.5

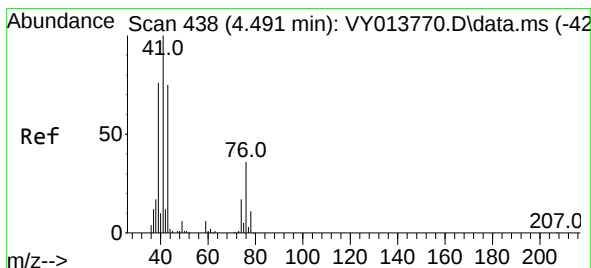
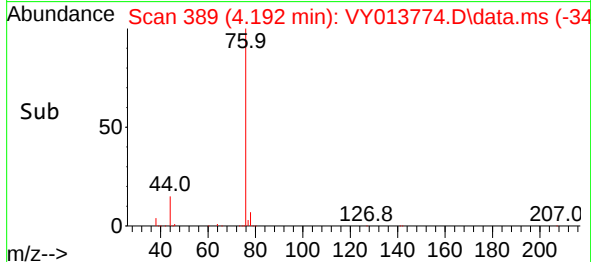
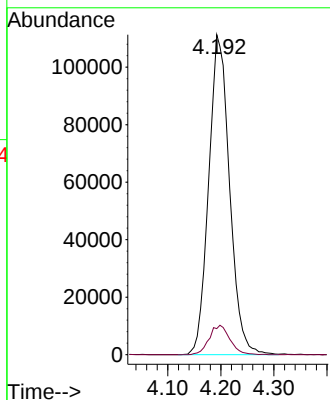
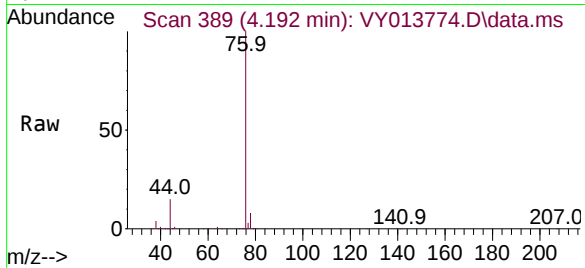




#17
Carbon Disulfide
Concen: 47.546 ug/l
RT: 4.192 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

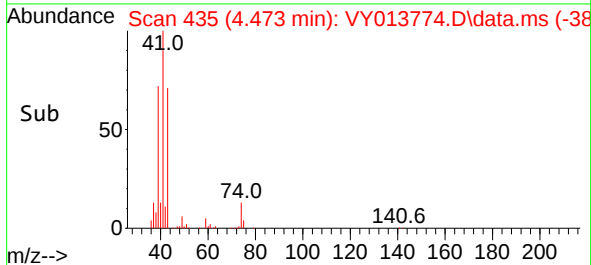
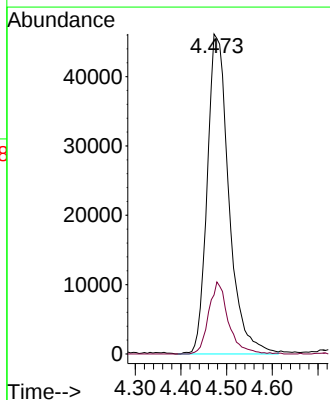
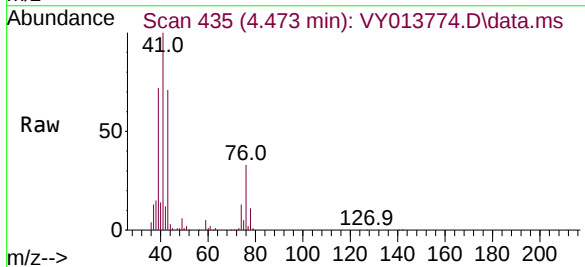
Instrument :
MSVOA_Y
ClientSampleId :
ICVY051723

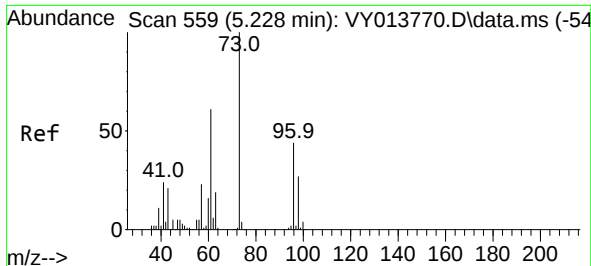
Tgt Ion: 76 Resp: 304001
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 46.955 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 43 Resp: 152125
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 50.739 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

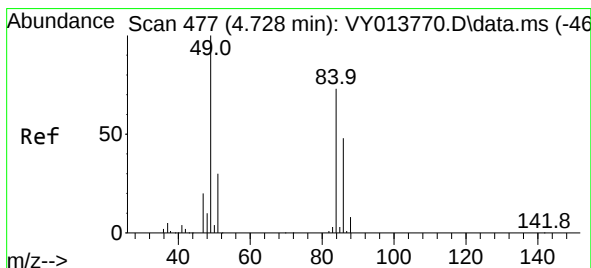
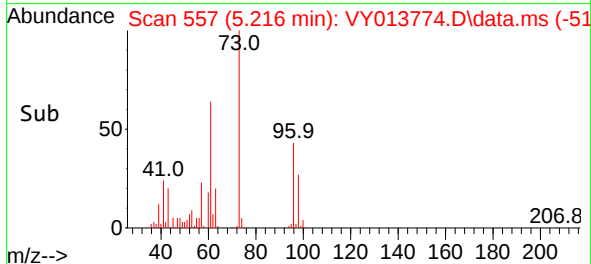
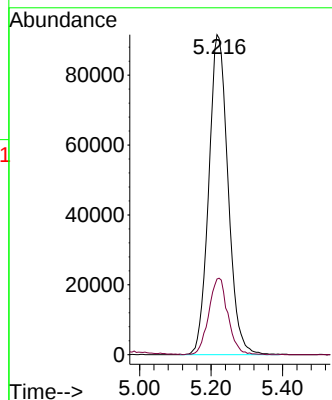
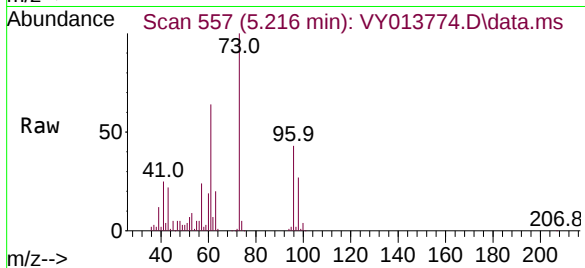
ICVVY051723

Tgt Ion: 73 Resp: 342530

Ion Ratio Lower Upper

73 100

57 23.6 18.6 27.8



#20

Methylene Chloride

Concen: 53.891 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Tgt Ion: 84 Resp: 149643

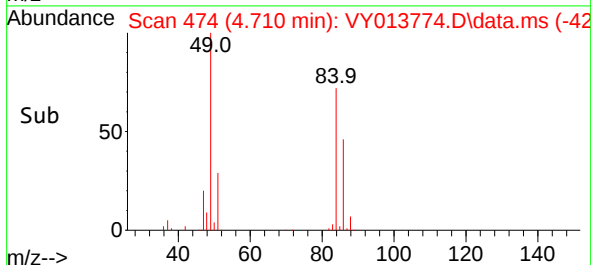
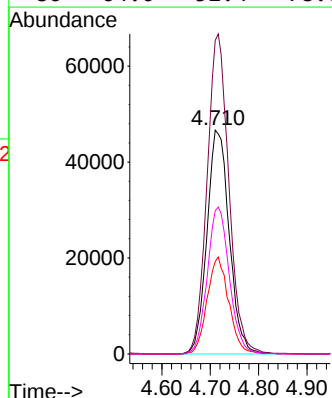
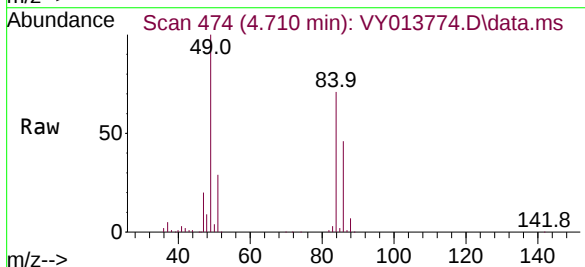
Ion Ratio Lower Upper

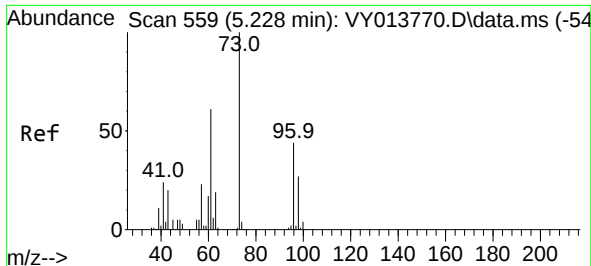
84 100

49 140.0 109.4 164.0

51 41.3 32.8 49.2

86 64.0 52.4 78.6

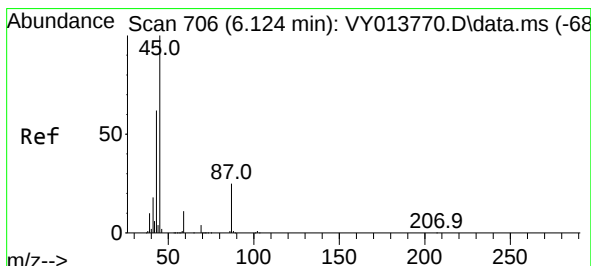
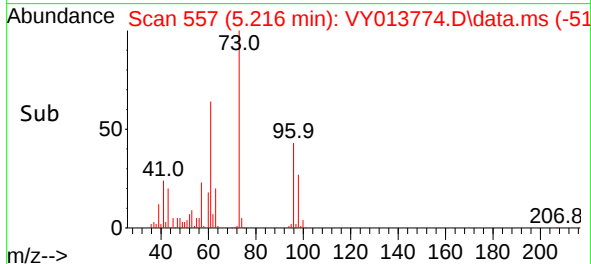
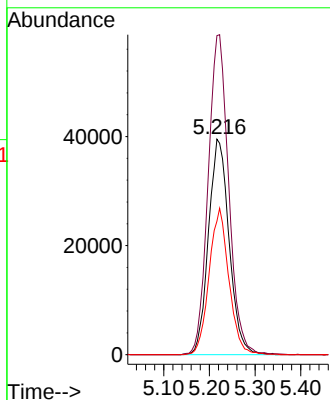
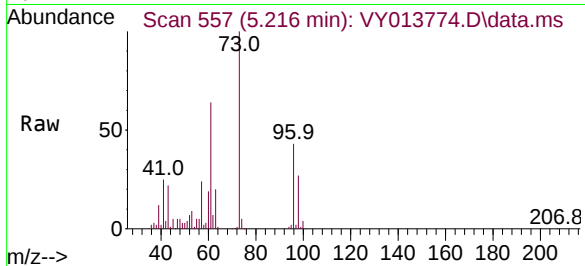




#21
trans-1,2-Dichloroethene
Concen: 49.484 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

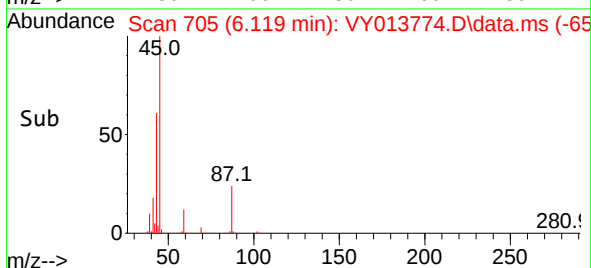
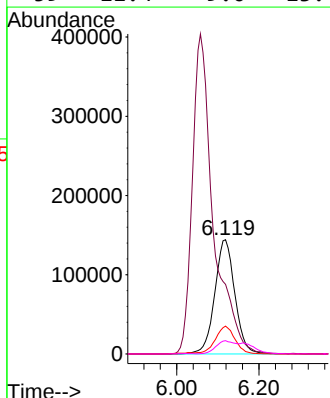
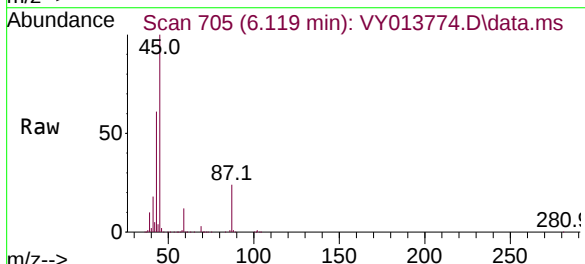
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

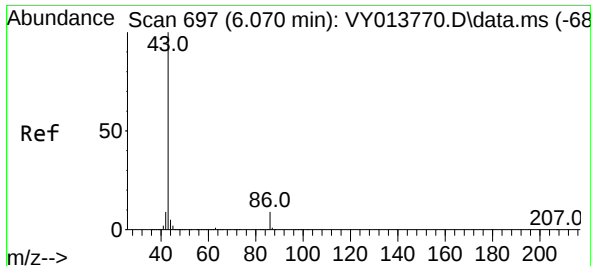
Tgt Ion: 96 Resp: 123980
Ion Ratio Lower Upper
96 100
61 148.0 110.8 166.2
98 61.9 48.6 72.8



#22
Diisopropyl ether
Concen: 52.405 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 45 Resp: 488603
Ion Ratio Lower Upper
45 100
43 60.5 49.7 74.5
87 24.4 19.9 29.9
59 11.4 9.0 13.4

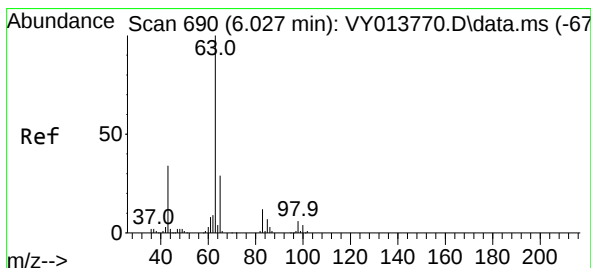
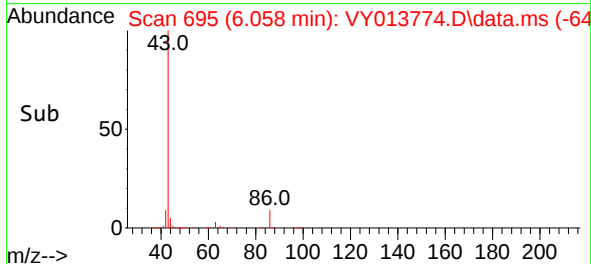
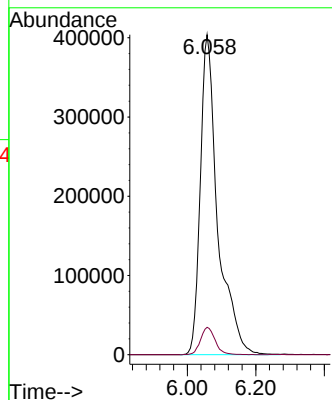
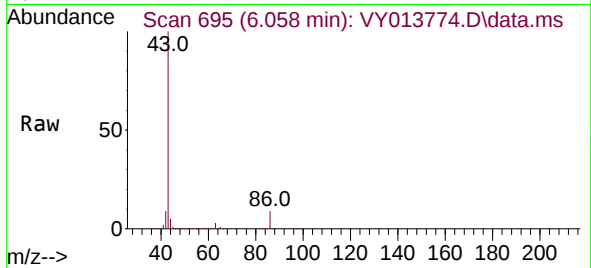




#23
 Vinyl Acetate
 Concen: 264.767 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY013774.D
 Acq: 17 May 2023 13:45

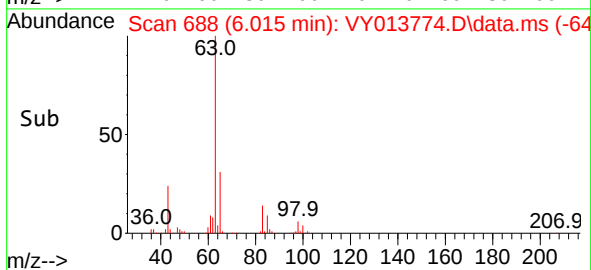
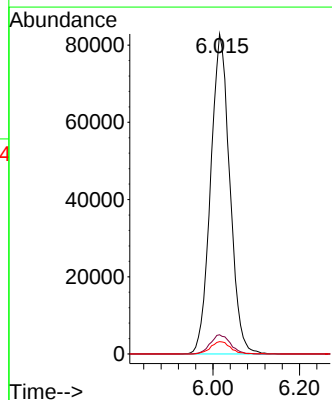
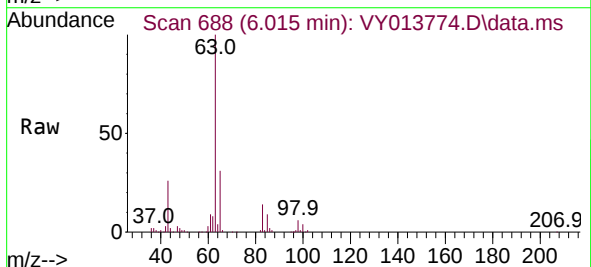
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051723

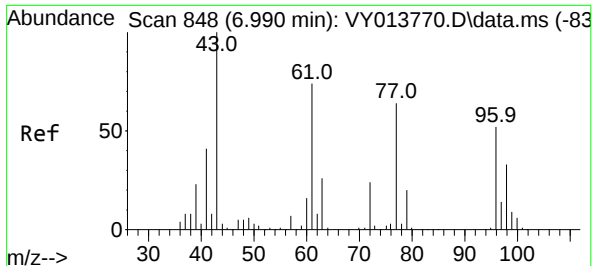
Tgt Ion: 43 Resp: 1428480
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 49.948 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY013774.D
 Acq: 17 May 2023 13:45

Tgt Ion: 63 Resp: 254575
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.0
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 255.555 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

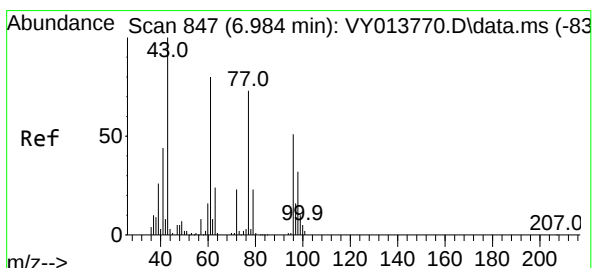
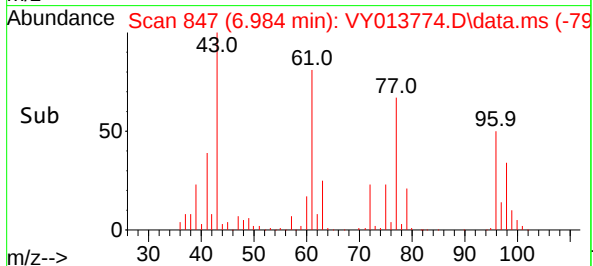
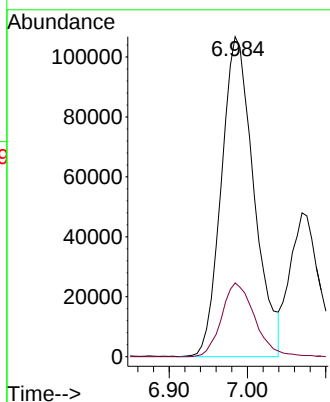
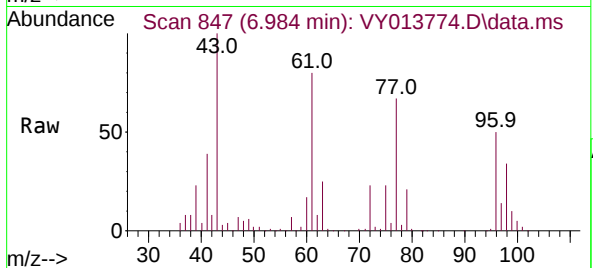
ICVVY051723

Tgt Ion: 43 Resp: 308721

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.6



#26

2,2-Dichloropropane

Concen: 51.350 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013774.D

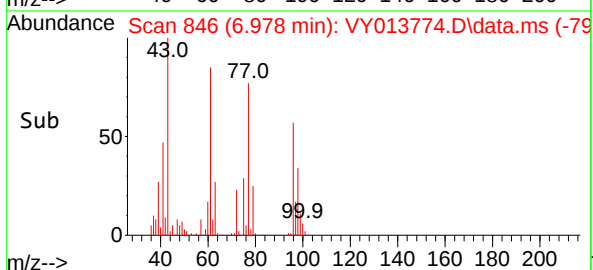
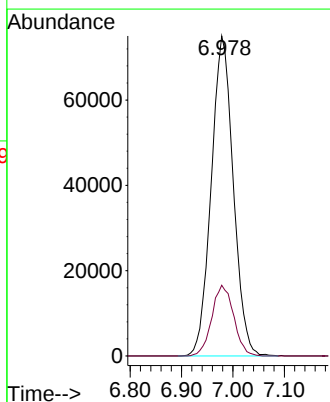
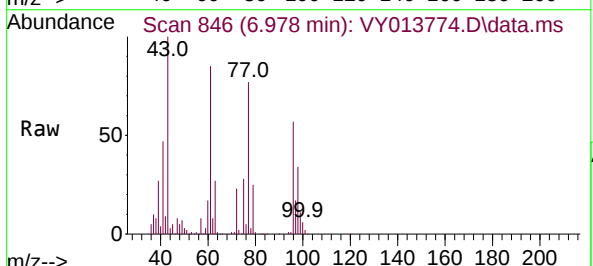
Acq: 17 May 2023 13:45

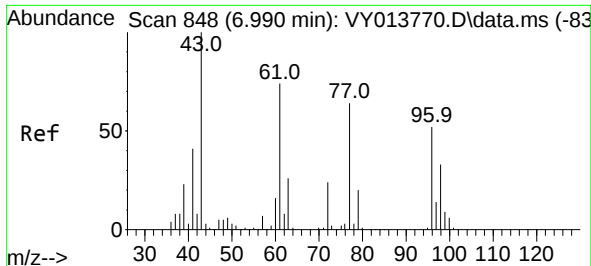
Tgt Ion: 77 Resp: 223557

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.729 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

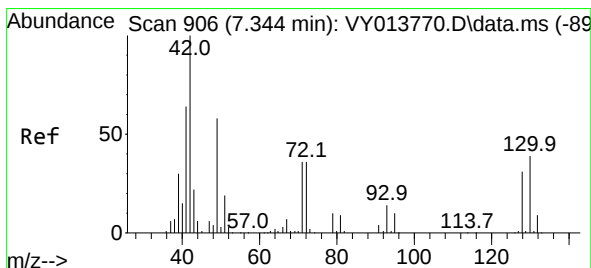
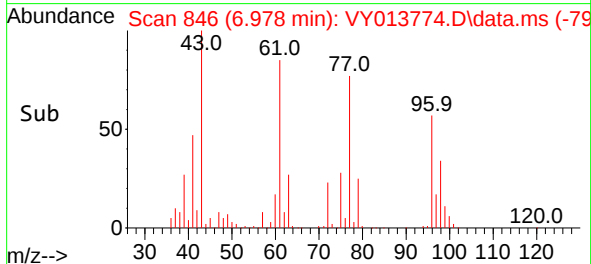
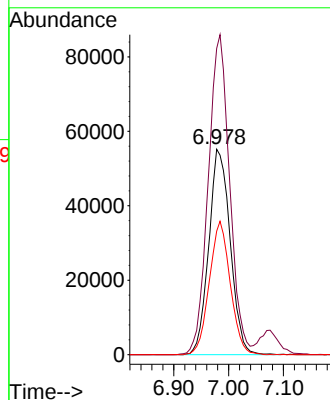
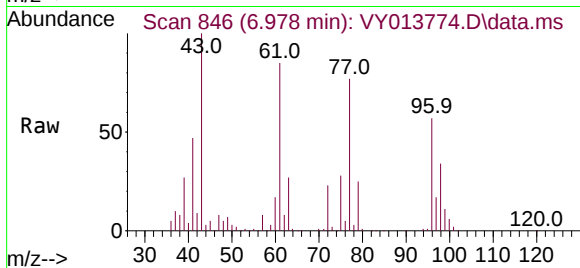
Tgt Ion: 96 Resp: 149766

Ion Ratio Lower Upper

96 100

61 155.3 0.0 300.6

98 63.4 0.0 127.8



#28

Bromochloromethane

Concen: 46.716 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

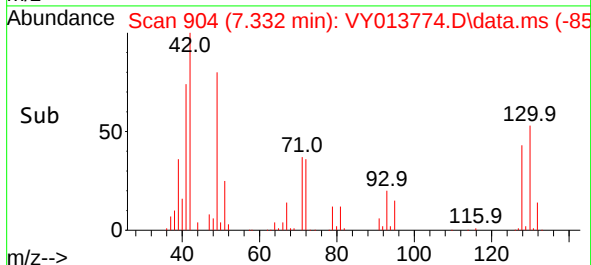
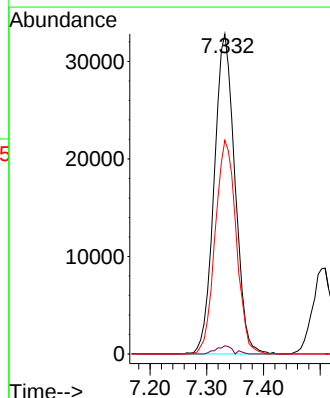
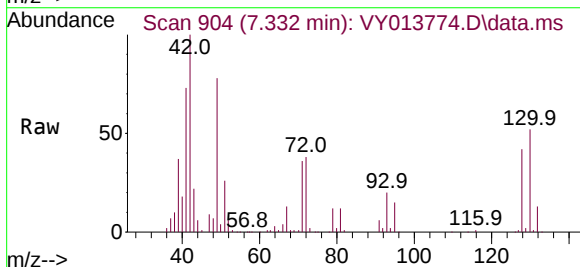
Tgt Ion: 49 Resp: 83310

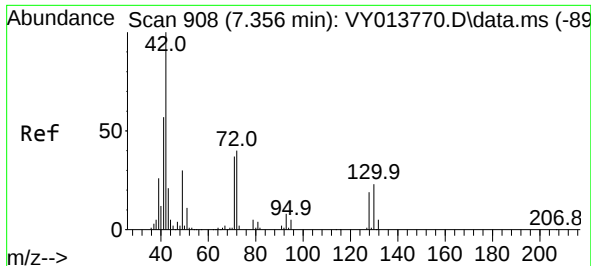
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 67.6 54.4 81.6





#29

Tetrahydrofuran

Concen: 249.771 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051723

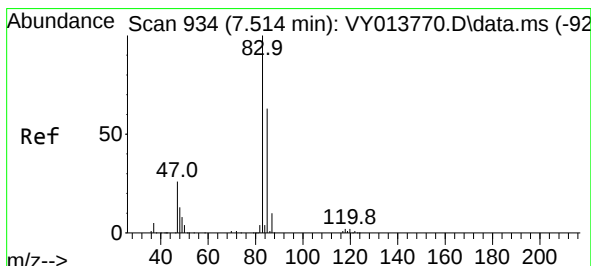
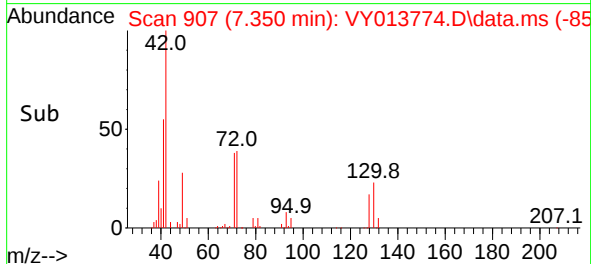
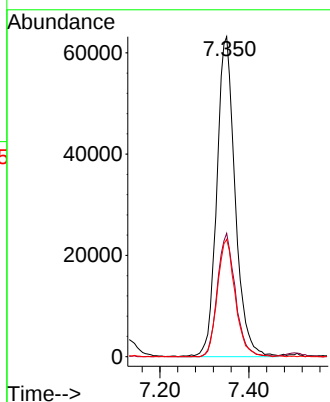
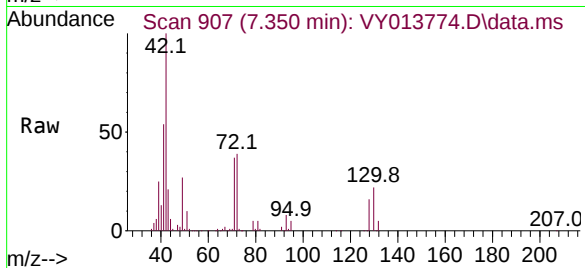
Tgt Ion: 42 Resp: 180541

Ion Ratio Lower Upper

42 100

72 37.5 30.7 46.1

71 35.7 29.0 43.6



#30

Chloroform

Concen: 49.782 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.012 min

Lab File: VY013774.D

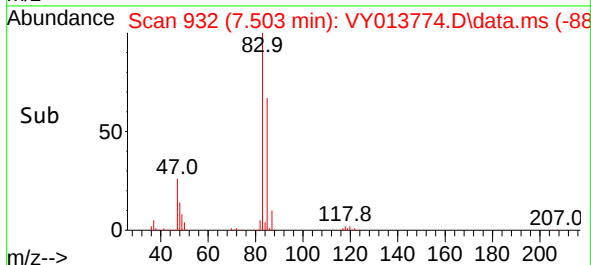
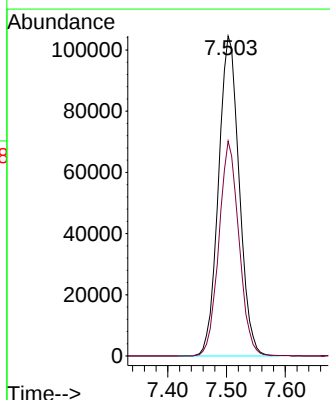
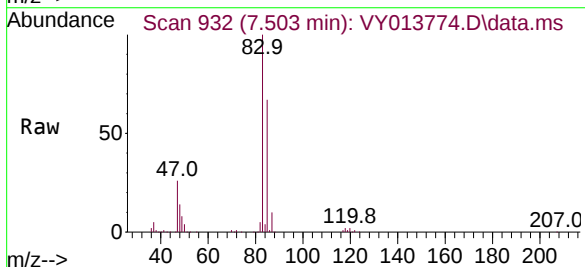
Acq: 17 May 2023 13:45

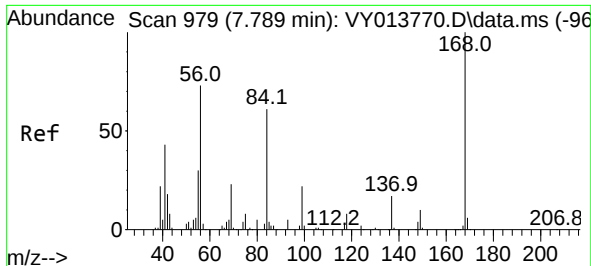
Tgt Ion: 83 Resp: 255683

Ion Ratio Lower Upper

83 100

85 67.1 50.5 75.7

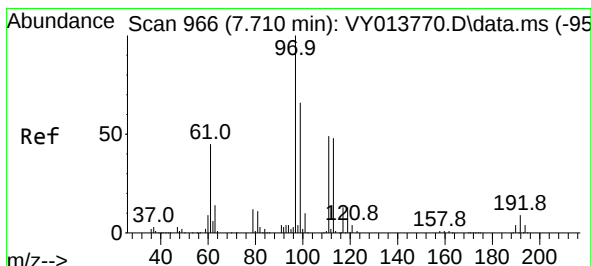
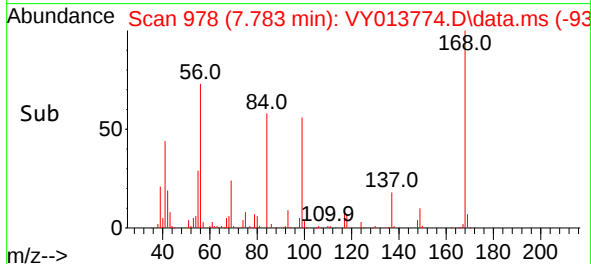
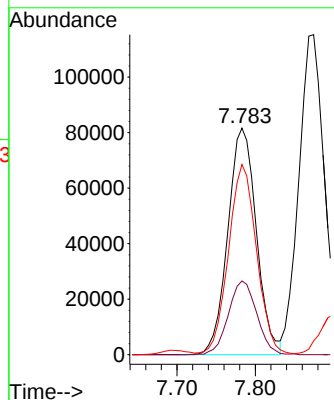
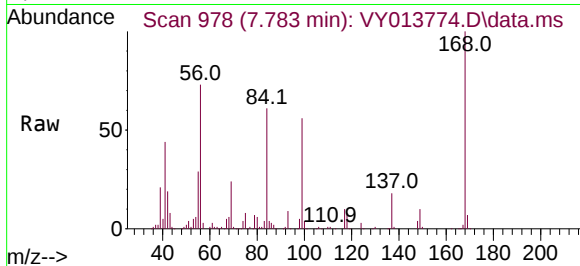




#31
Cyclohexane
Concen: 46.833 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

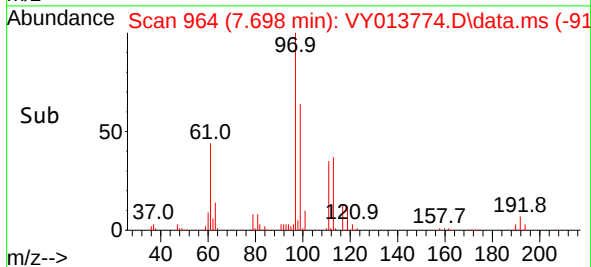
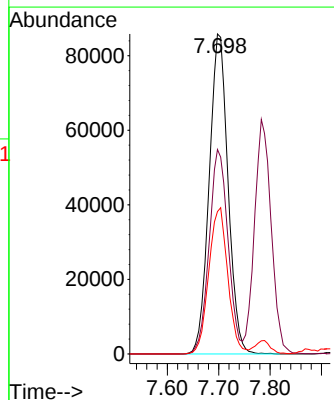
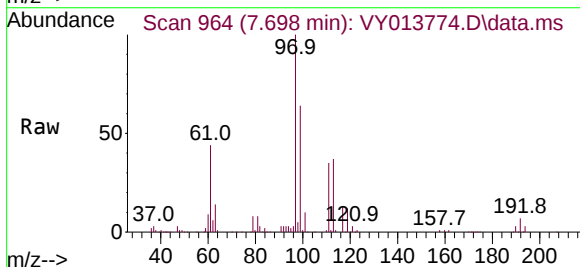
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

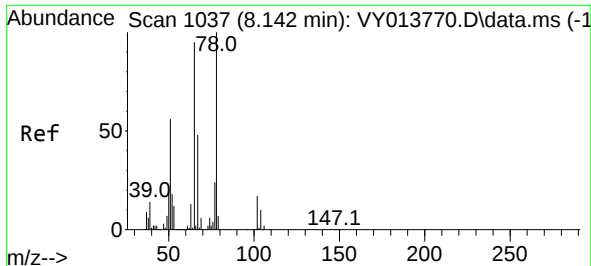
Tgt Ion: 56 Resp: 206824
Ion Ratio Lower Upper
56 100
69 32.6 25.8 38.6
84 82.0 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 49.903 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 97 Resp: 218783
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 46.3 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.702 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

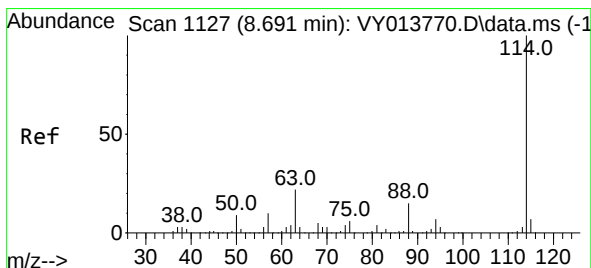
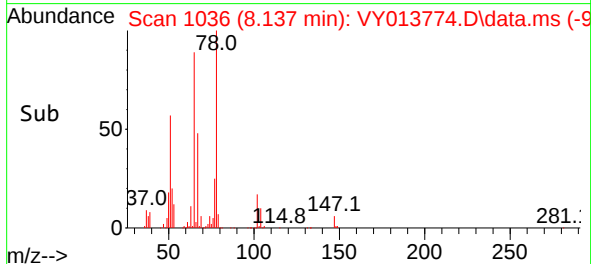
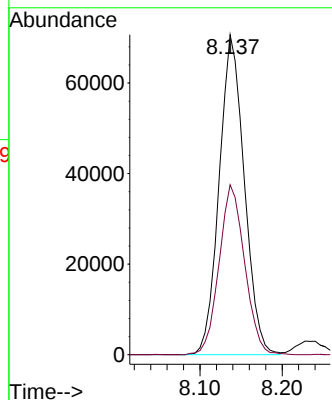
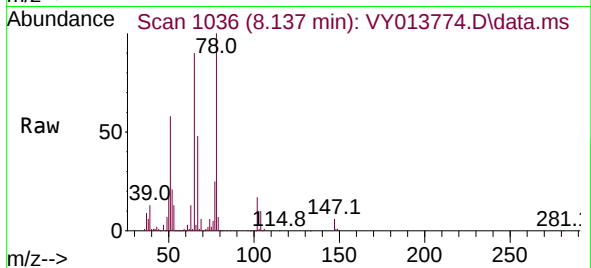
ICVVY051723

Tgt Ion: 65 Resp: 150010

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

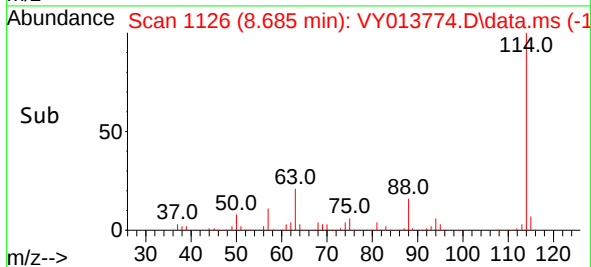
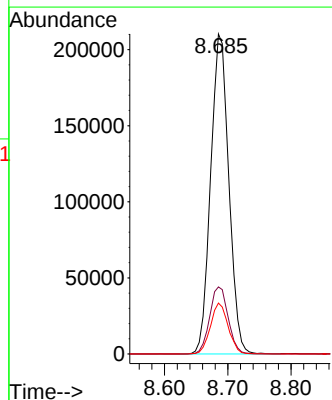
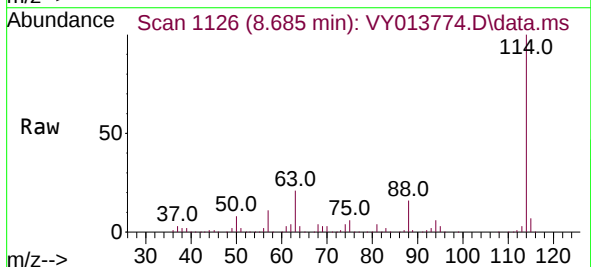
Tgt Ion: 114 Resp: 419409

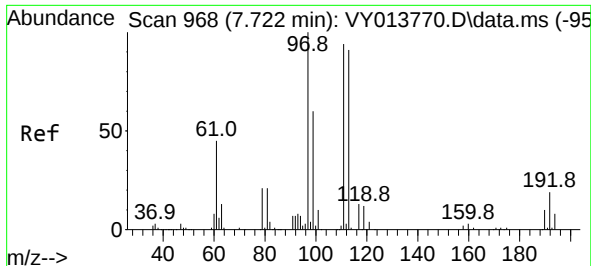
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

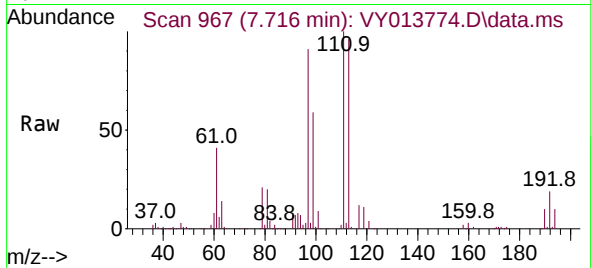
88 15.9 0.0 30.8



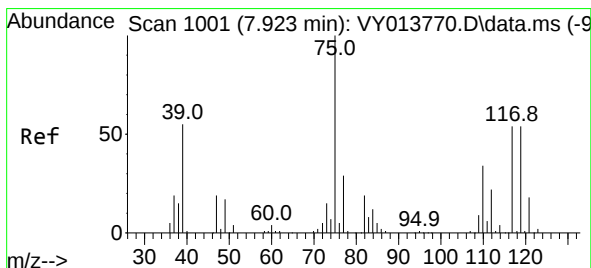
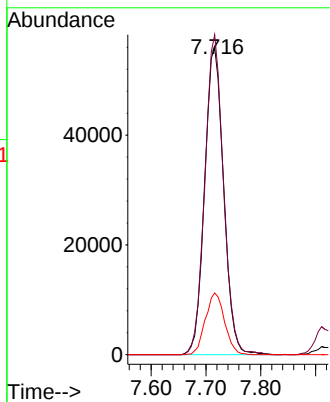
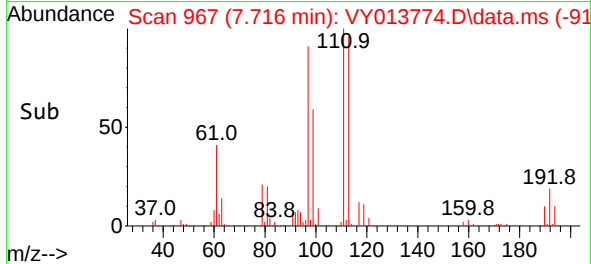


#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

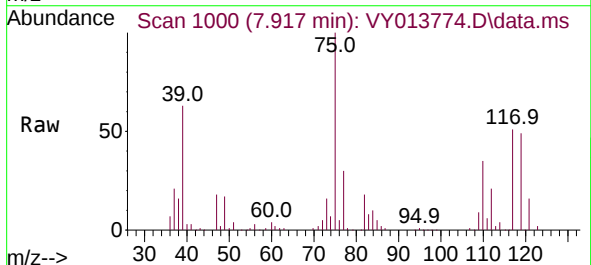
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723



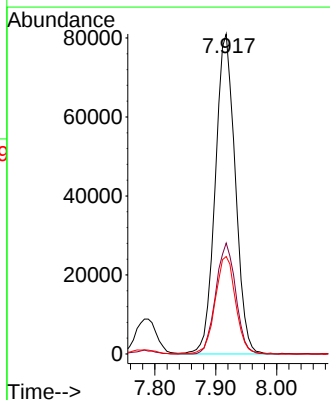
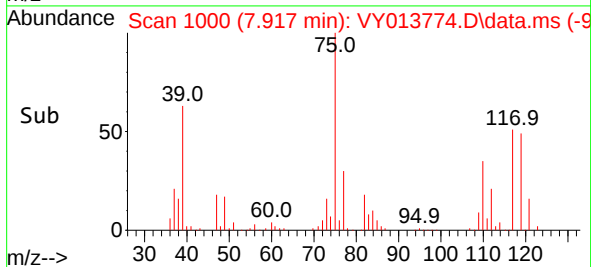
Tgt Ion:113 Resp: 134759
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 20.3 16.0 24.0

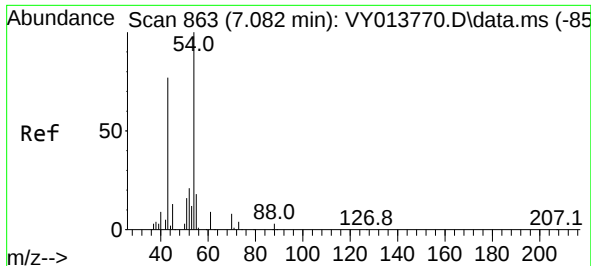


#36
1,1-Dichloropropene
Concen: 49.585 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45



Tgt Ion: 75 Resp: 184261
Ion Ratio Lower Upper
75 100
110 34.6 17.3 51.7
77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 50.035 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

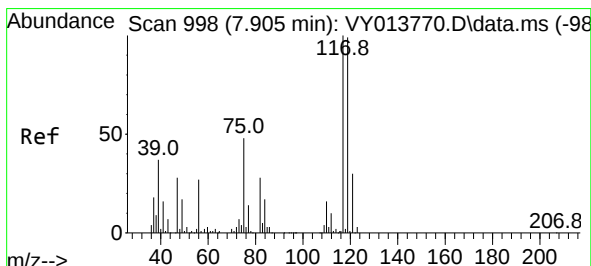
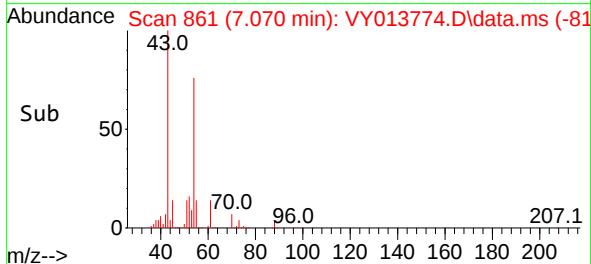
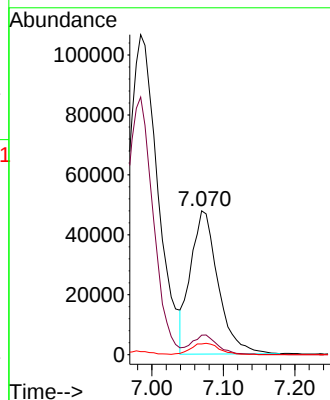
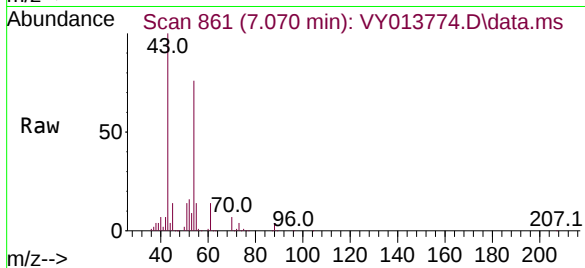
Tgt Ion: 43 Resp: 127897

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 8.2 7.0 10.6



#38

Carbon Tetrachloride

Concen: 49.085 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

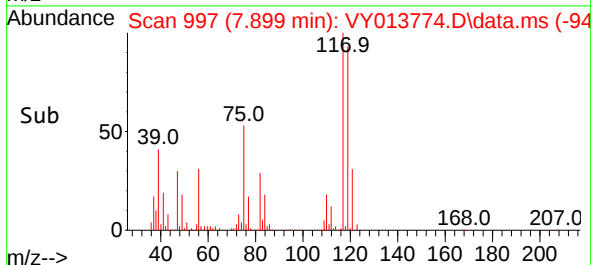
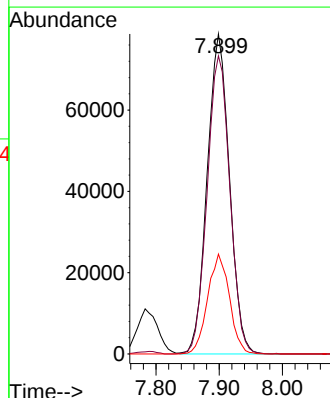
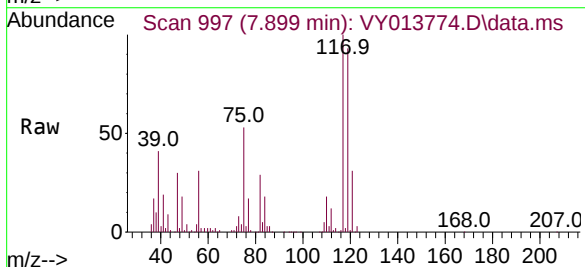
Tgt Ion: 117 Resp: 192426

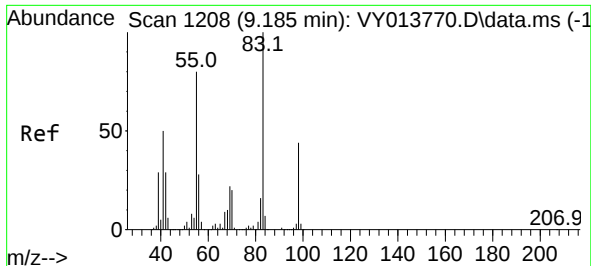
Ion Ratio Lower Upper

117 100

119 93.2 79.0 118.6

121 31.2 24.1 36.1





#39

Methylcyclohexane

Concen: 50.069 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051723

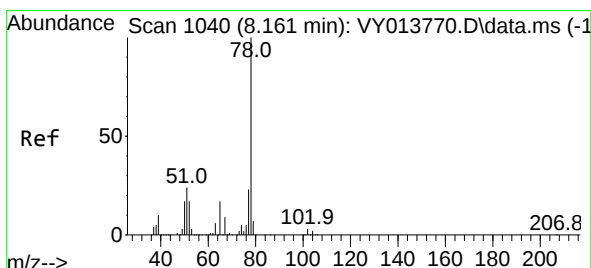
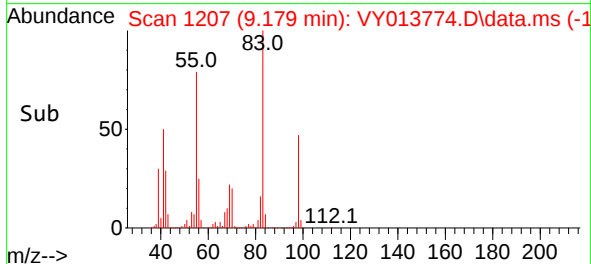
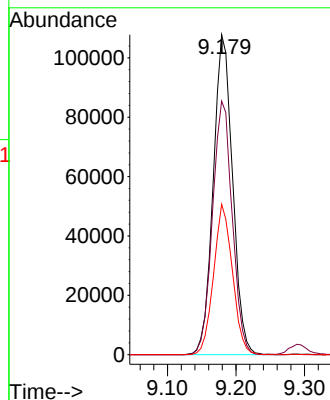
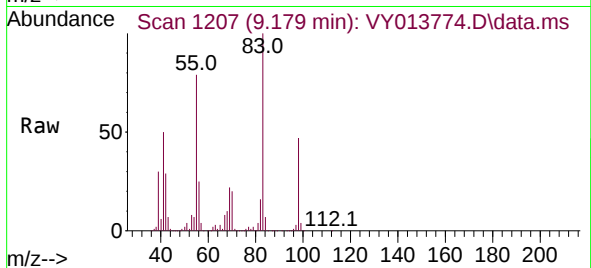
Tgt Ion: 83 Resp: 211475

Ion Ratio Lower Upper

83 100

55 79.2 63.7 95.5

98 47.0 35.0 52.6



#40

Benzene

Concen: 49.601 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013774.D

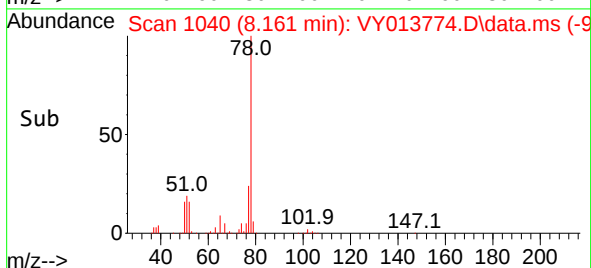
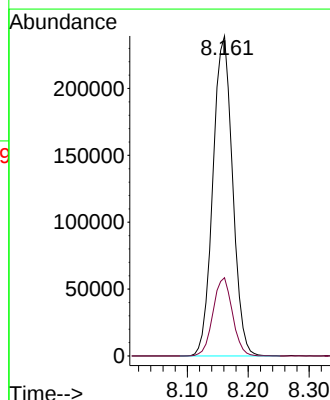
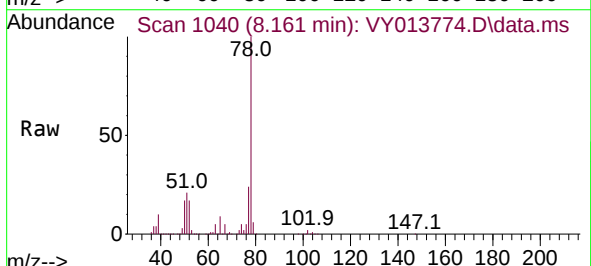
Acq: 17 May 2023 13:45

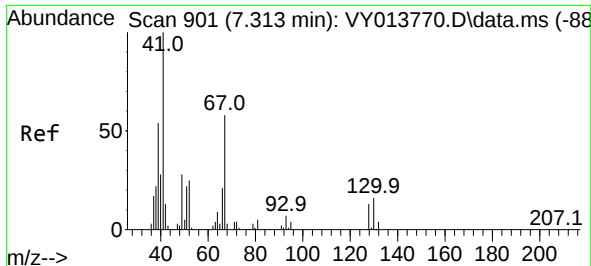
Tgt Ion: 78 Resp: 535635

Ion Ratio Lower Upper

78 100

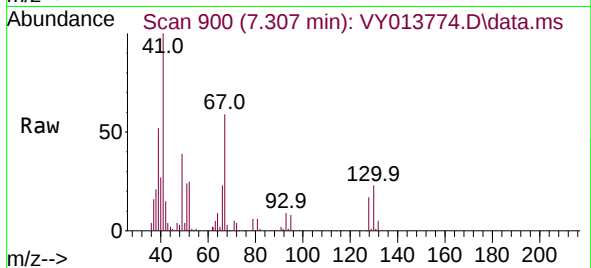
77 24.5 18.6 27.8



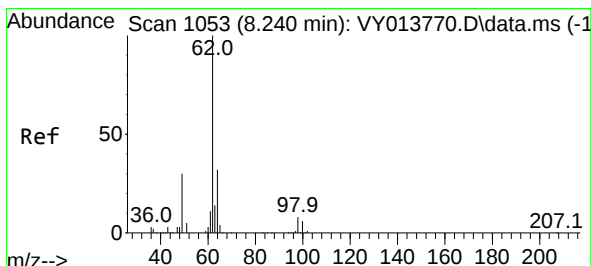
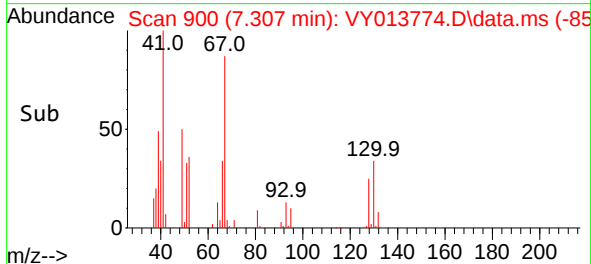
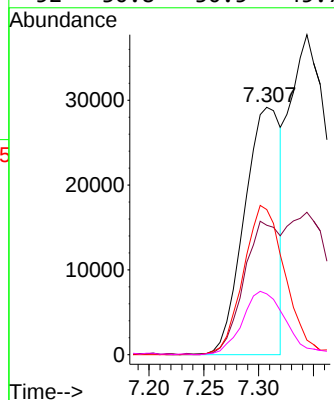


#41
Methacrylonitrile
Concen: 52.712 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

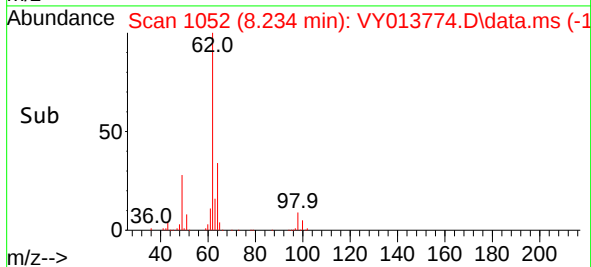
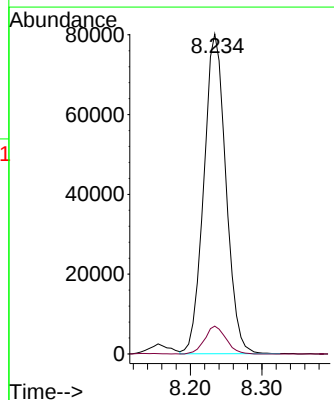
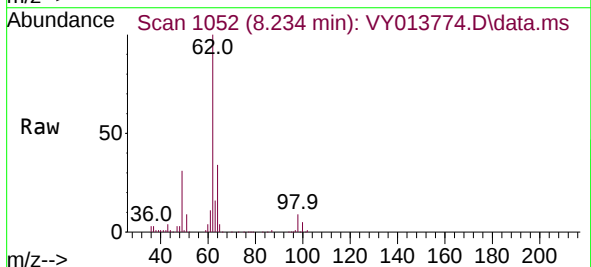


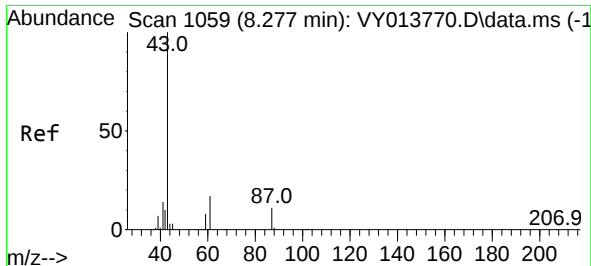
Tgt Ion: 41 Resp: 66957
Ion Ratio Lower Upper
41 100
39 53.5 59.5 89.3#
67 70.0 69.1 103.7
52 30.8 30.5 45.7



#42
1,2-Dichloroethane
Concen: 49.337 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 62 Resp: 172145
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.8

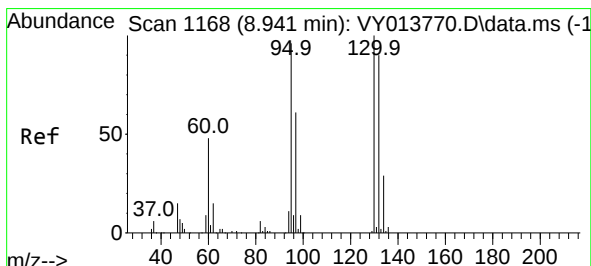
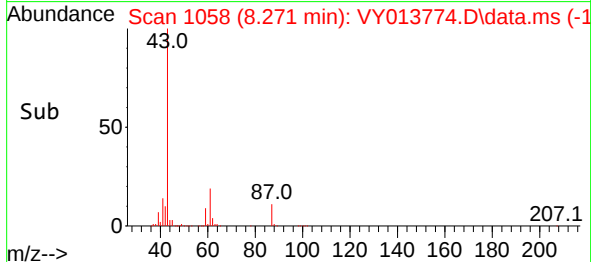
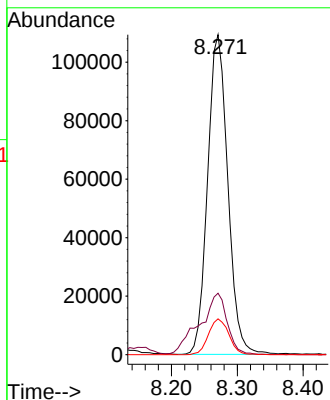
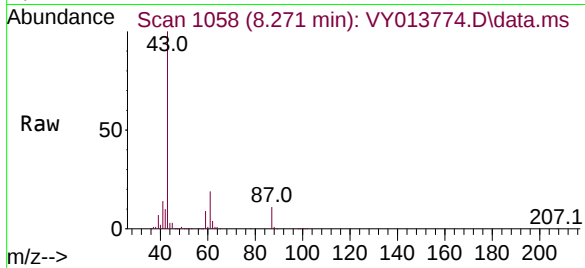




#43
Isopropyl Acetate
Concen: 50.440 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

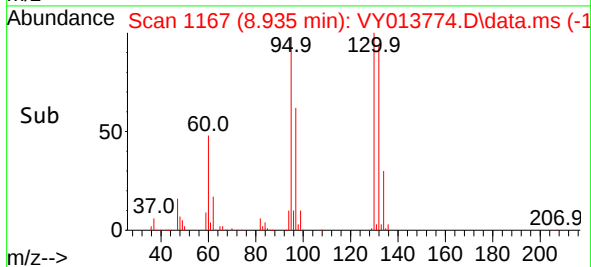
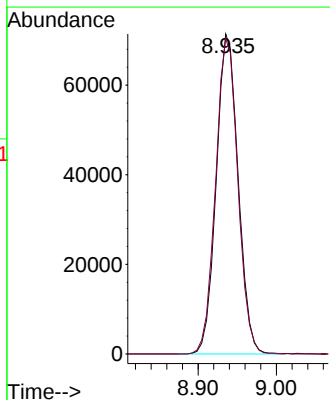
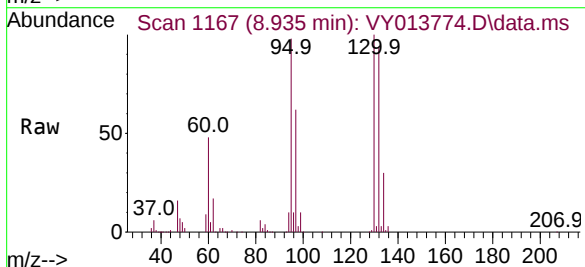
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

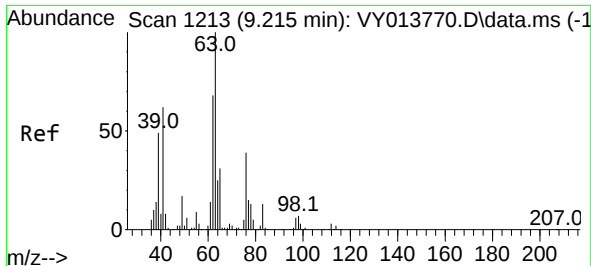
Tgt Ion: 43 Resp: 234018
Ion Ratio Lower Upper
43 100
61 26.1 20.6 31.0
87 11.4 9.0 13.6



#44
Trichloroethene
Concen: 49.163 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion:130 Resp: 138785
Ion Ratio Lower Upper
130 100
95 98.5 0.0 193.0





#45

1,2-Dichloropropane

Concen: 50.747 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

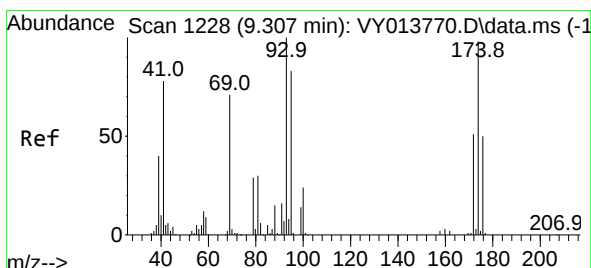
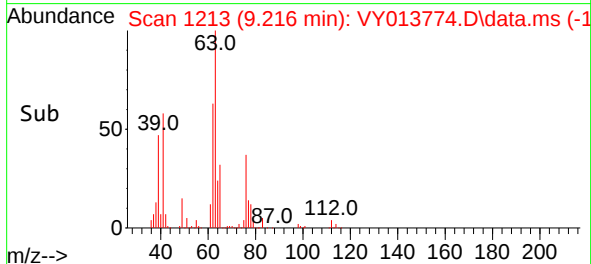
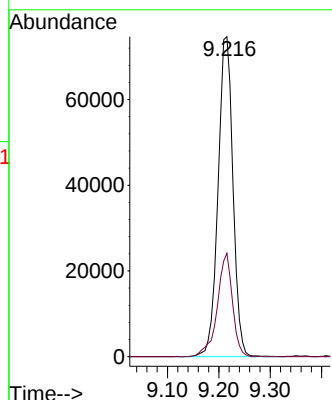
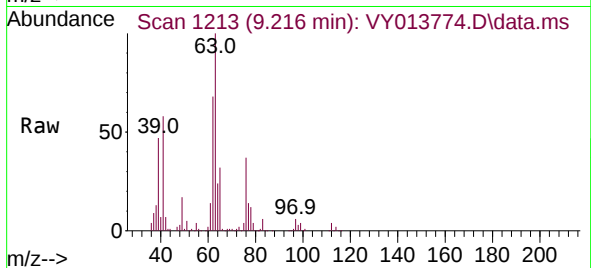
ICVVY051723

Tgt Ion: 63 Resp: 150588

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3



#46

Dibromomethane

Concen: 48.824 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

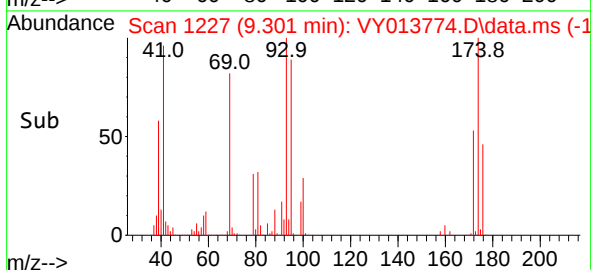
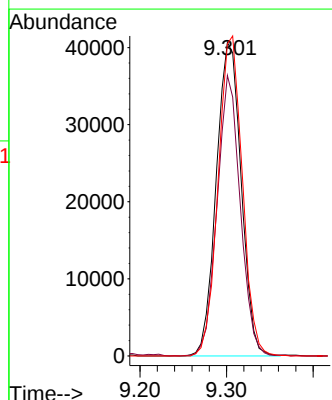
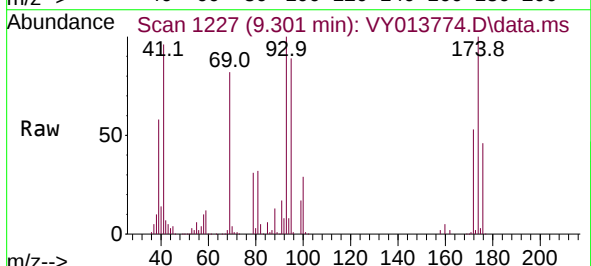
Tgt Ion: 93 Resp: 81142

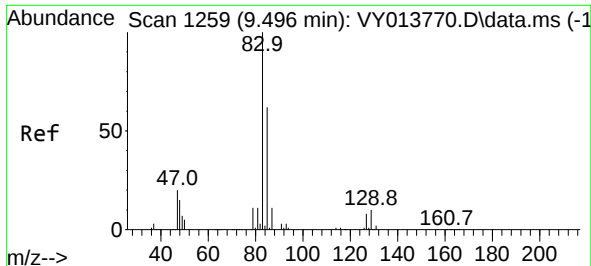
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 98.9 79.5 119.3

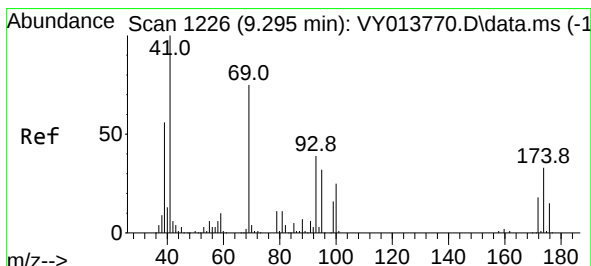
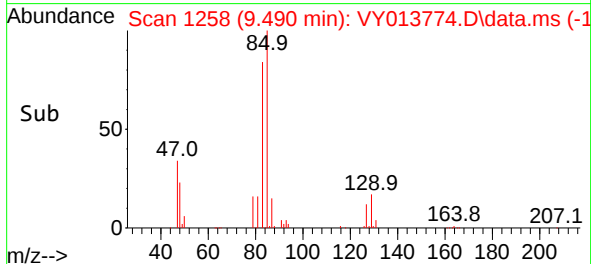
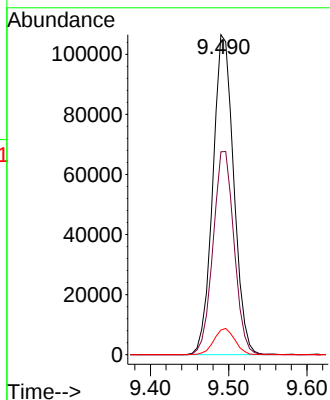
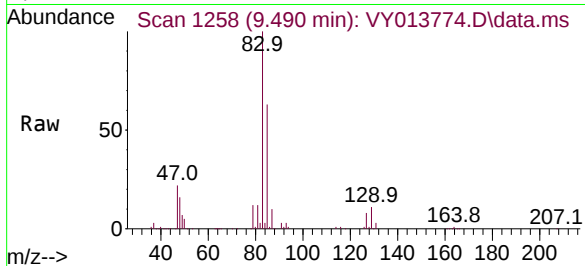




#47
Bromodichloromethane
Concen: 50.223 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

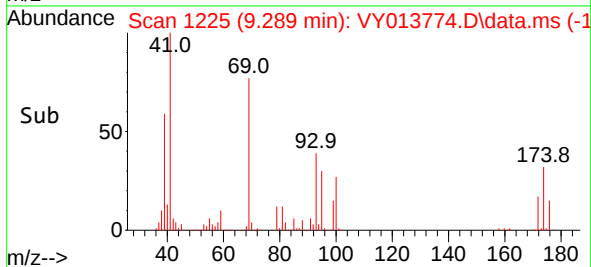
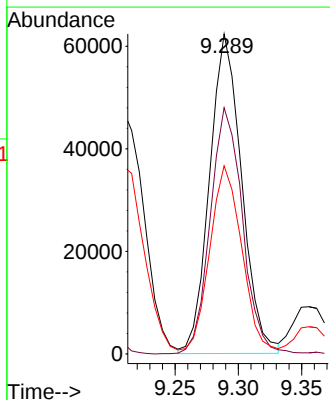
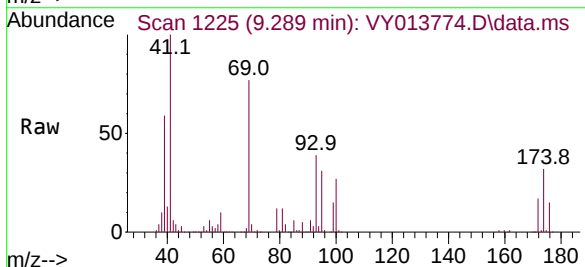
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

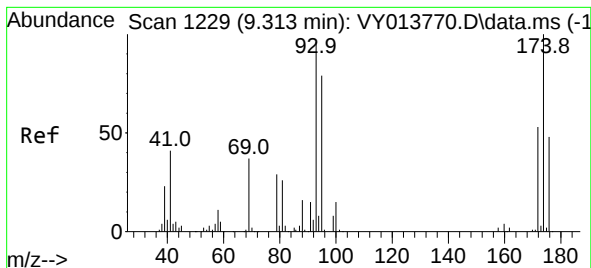
Tgt Ion: 83 Resp: 197667
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 51.578 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 41 Resp: 109922
Ion Ratio Lower Upper
41 100
69 77.7 63.0 94.6
39 59.2 46.2 69.2





#49

1,4-Dioxane

Concen: 1017.494 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

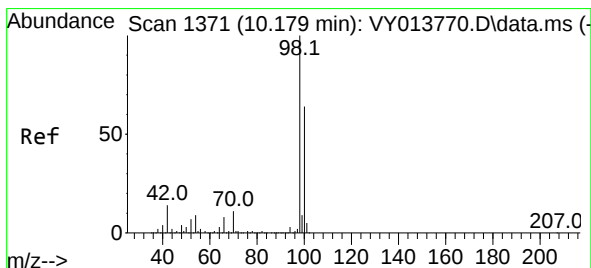
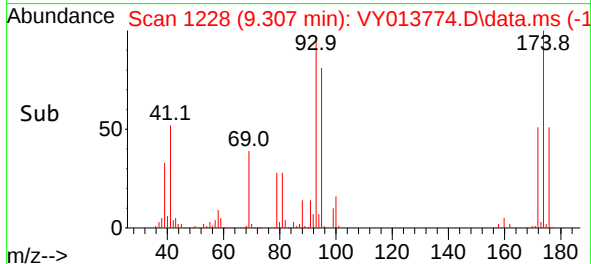
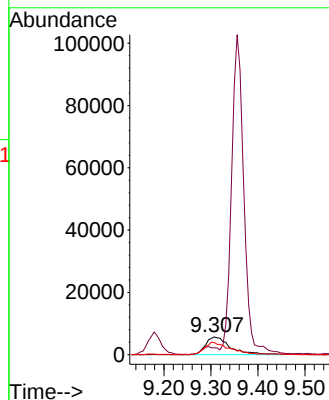
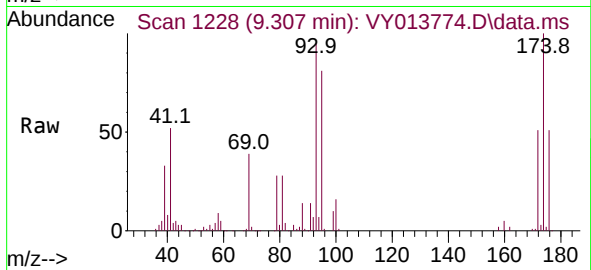
Tgt Ion: 88 Resp: 20754

Ion Ratio Lower Upper

88 100

43 28.4 26.1 39.1

58 72.2 62.2 93.2



#50

Toluene-d8

Concen: 50.536 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013774.D

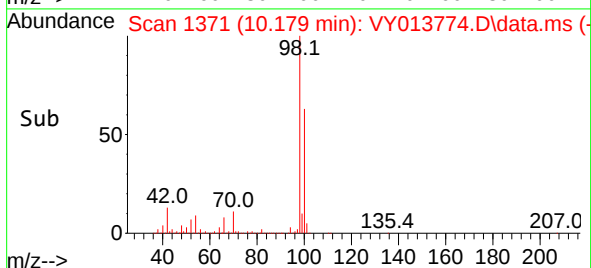
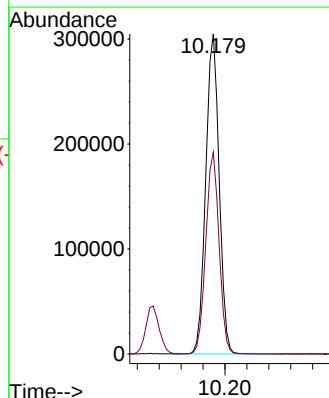
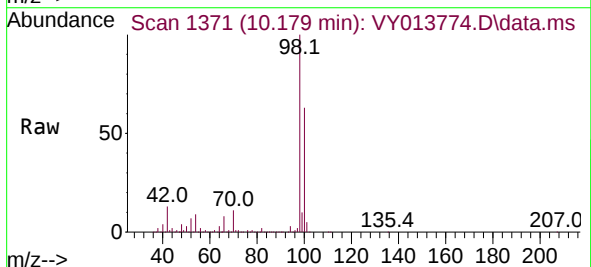
Acq: 17 May 2023 13:45

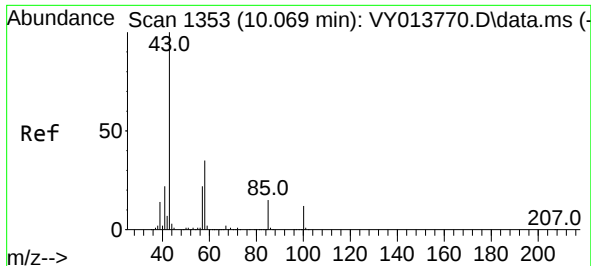
Tgt Ion: 98 Resp: 515273

Ion Ratio Lower Upper

98 100

100 62.5 51.0 76.6

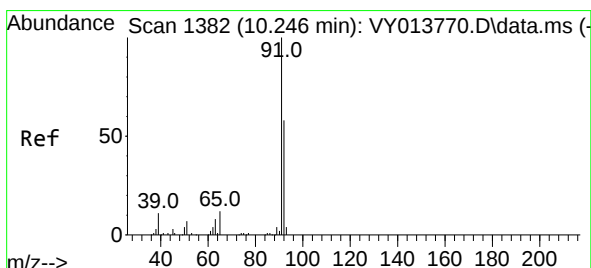
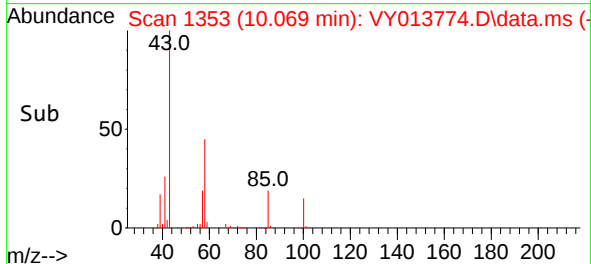
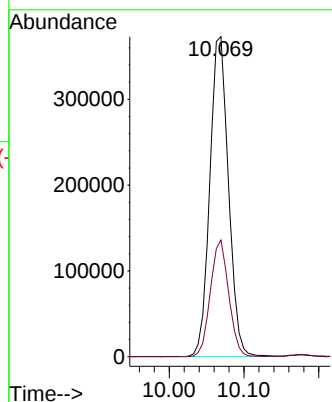
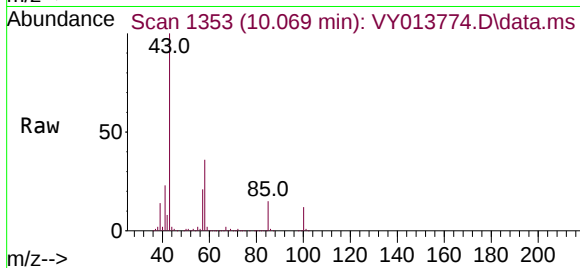




#51
4-Methyl-2-Pentanone
Concen: 250.787 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

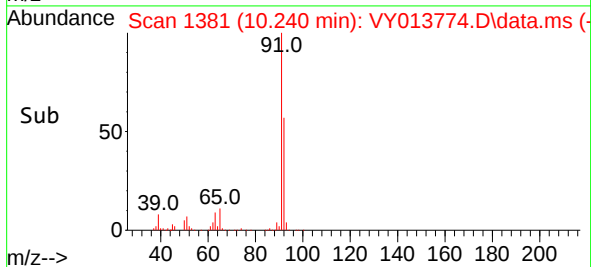
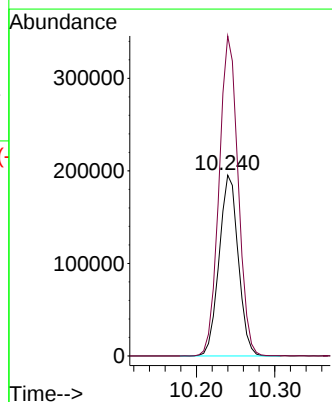
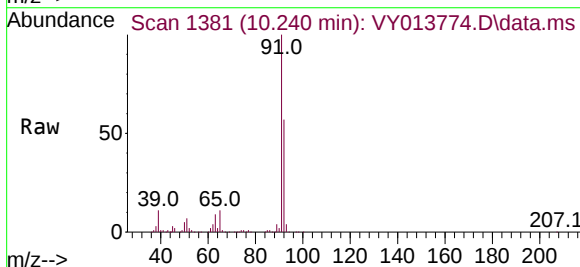
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

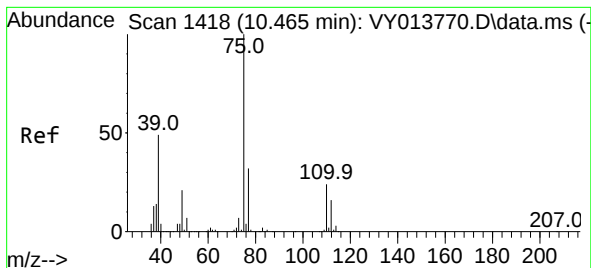
Tgt Ion: 43 Resp: 647935
Ion Ratio Lower Upper
43 100
58 35.8 28.2 42.2



#52
Toluene
Concen: 50.755 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 92 Resp: 332276
Ion Ratio Lower Upper
92 100
91 176.5 141.0 211.4

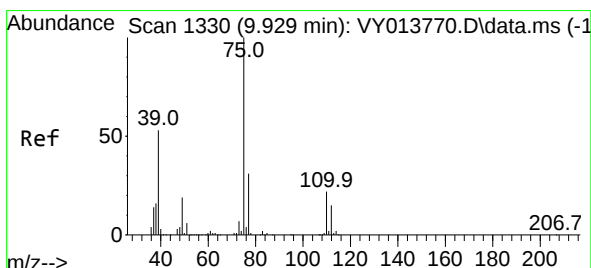
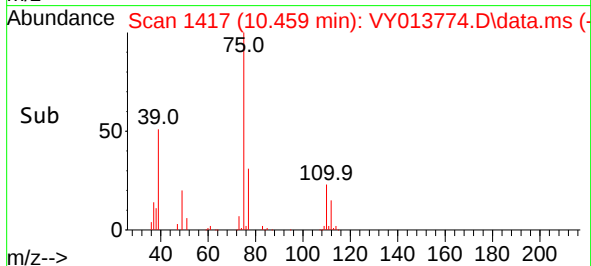
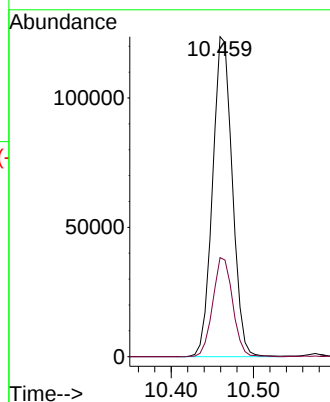
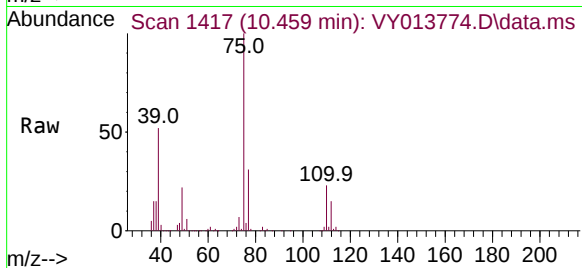




#53
t-1,3-Dichloropropene
Concen: 50.838 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

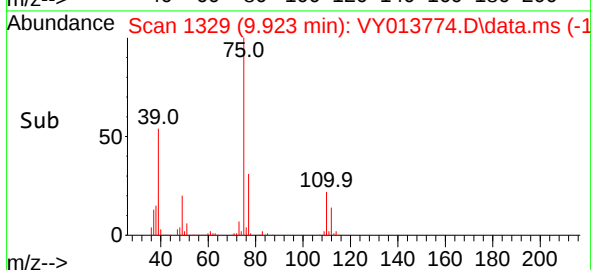
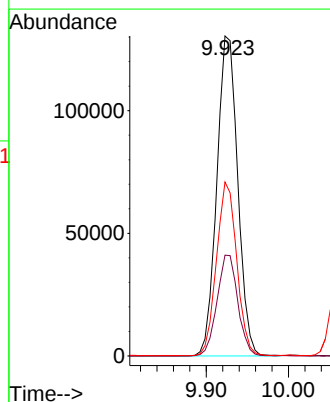
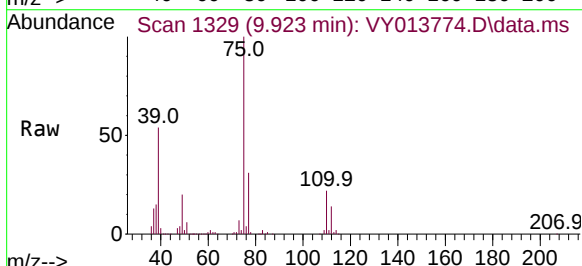
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

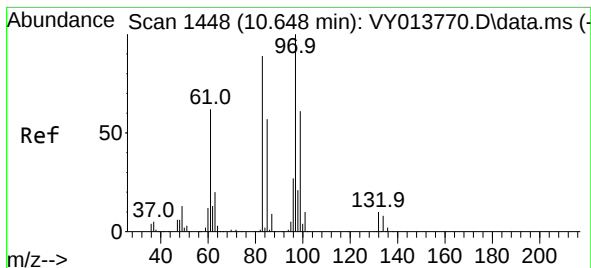
Tgt Ion: 75 Resp: 206299
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 50.983 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 75 Resp: 230835
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 54.2 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 49.941 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

Tgt Ion: 97 Resp: 112886

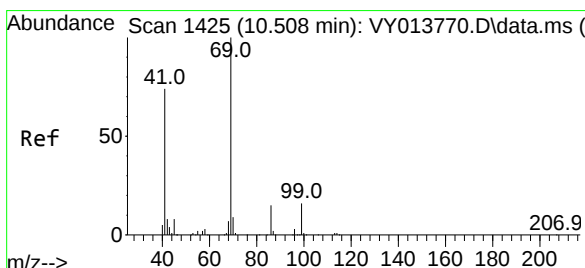
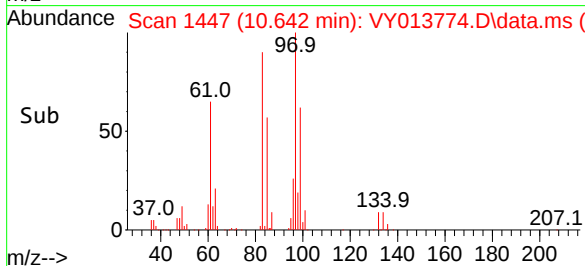
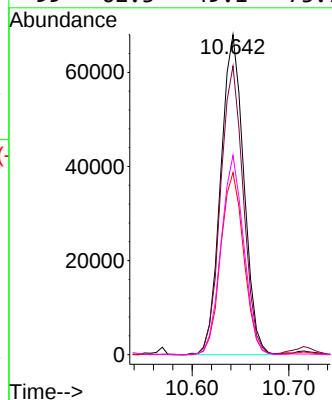
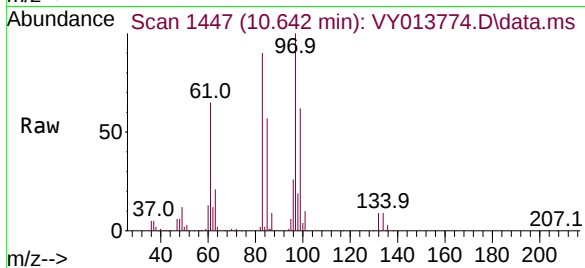
Ion Ratio Lower Upper

97 100

83 90.2 71.1 106.7

85 56.9 45.7 68.5

99 62.3 49.1 73.7



#56

Ethyl methacrylate

Concen: 52.808 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

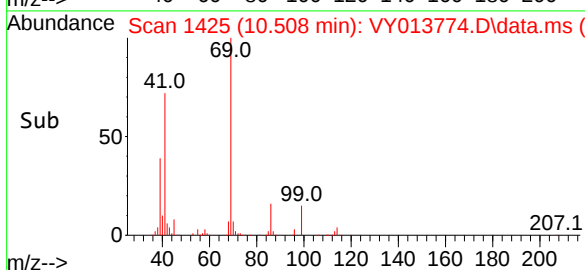
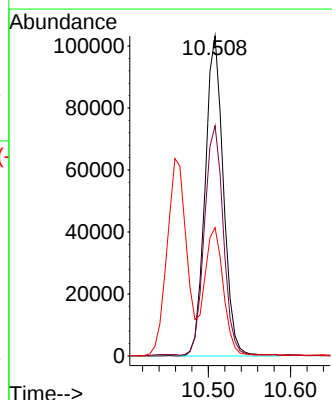
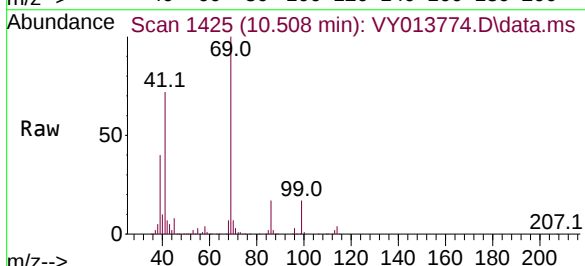
Tgt Ion: 69 Resp: 159297

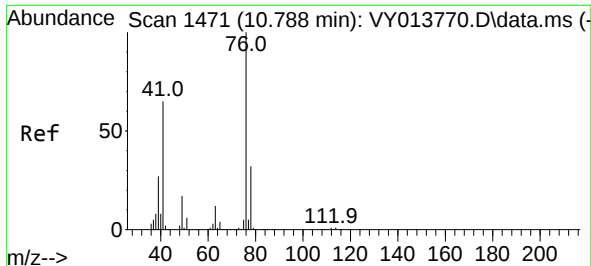
Ion Ratio Lower Upper

69 100

41 73.9 58.3 87.5

39 40.9 31.8 47.8





#57

1,3-Dichloropropane

Concen: 49.998 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

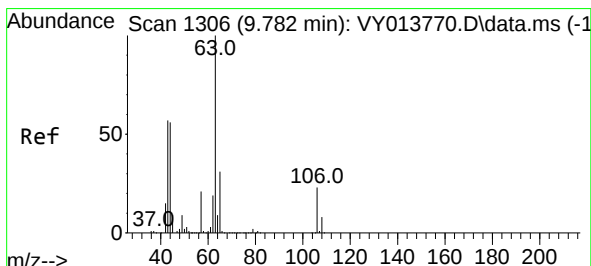
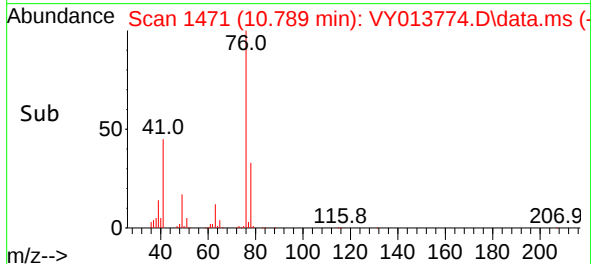
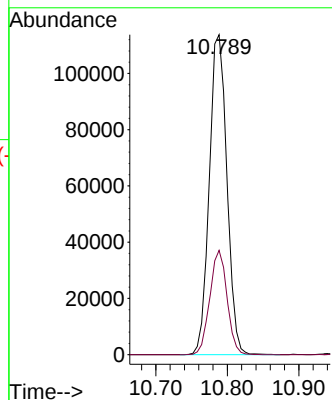
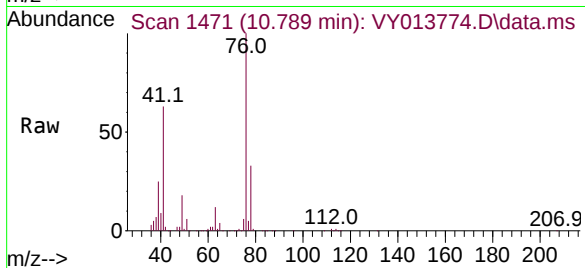
ICVVY051723

Tgt Ion: 76 Resp: 194427

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 224.110 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013774.D

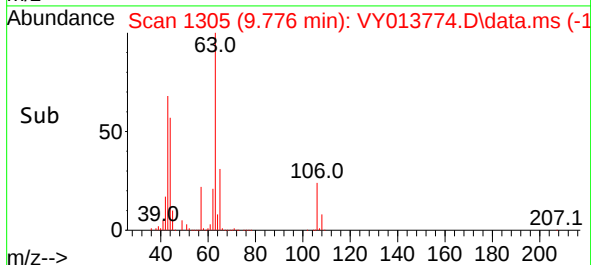
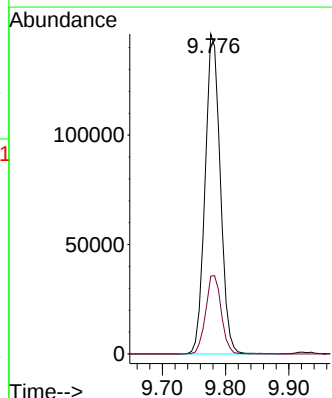
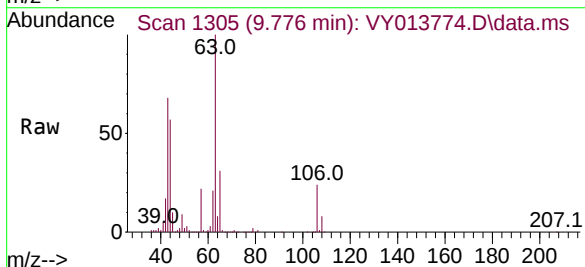
Acq: 17 May 2023 13:45

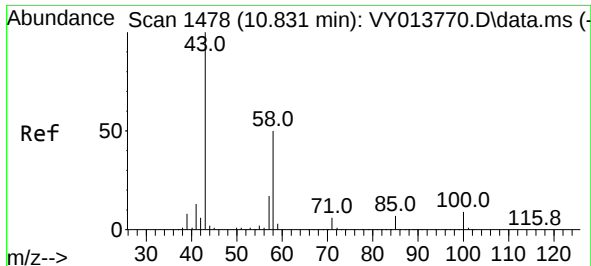
Tgt Ion: 63 Resp: 244924

Ion Ratio Lower Upper

63 100

106 25.1 19.7 29.5





#59

2-Hexanone

Concen: 259.939 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

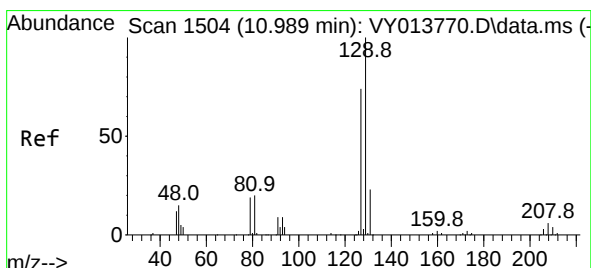
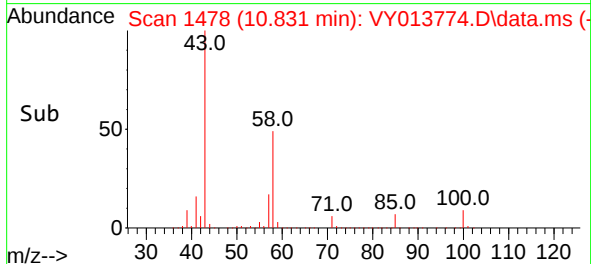
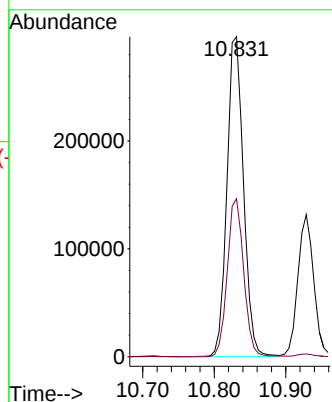
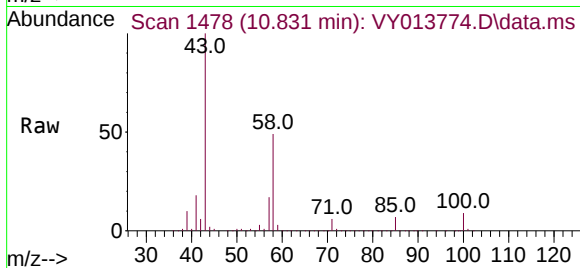
ICVVY051723

Tgt Ion: 43 Resp: 477372

Ion Ratio Lower Upper

43 100

58 49.0 24.8 74.4



#60

Dibromochloromethane

Concen: 49.439 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.006 min

Lab File: VY013774.D

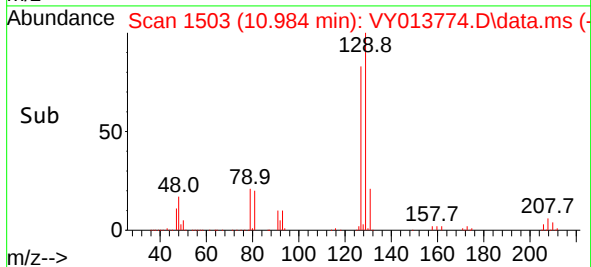
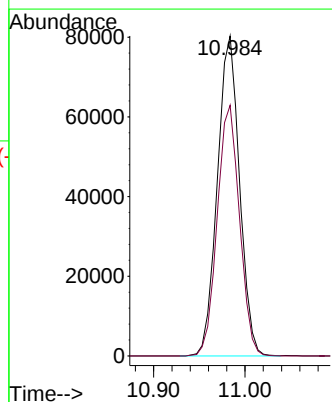
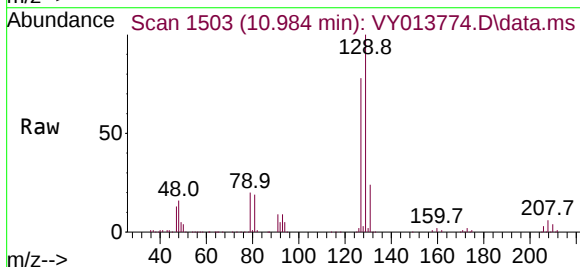
Acq: 17 May 2023 13:45

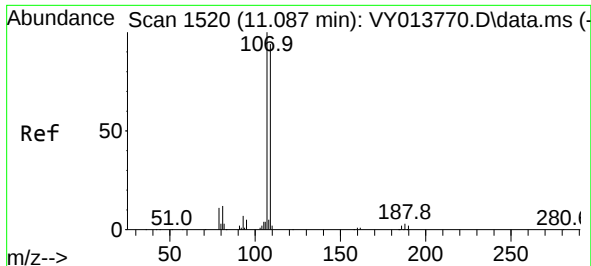
Tgt Ion:129 Resp: 135411

Ion Ratio Lower Upper

129 100

127 78.6 38.6 115.7

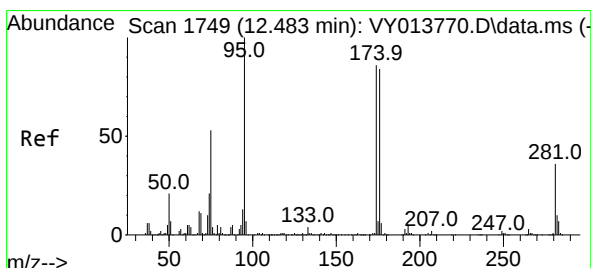
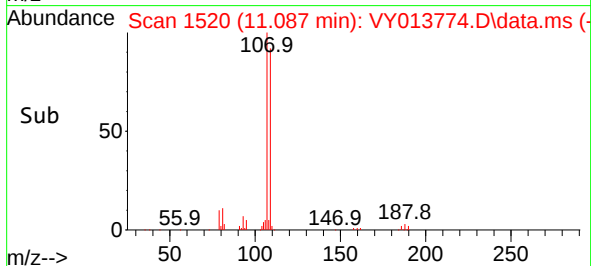
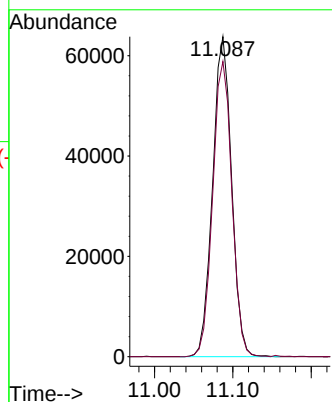
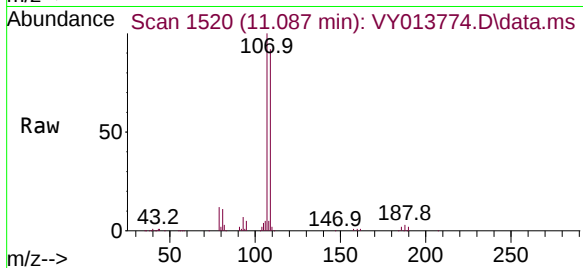




#61
1,2-Dibromoethane
Concen: 50.340 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

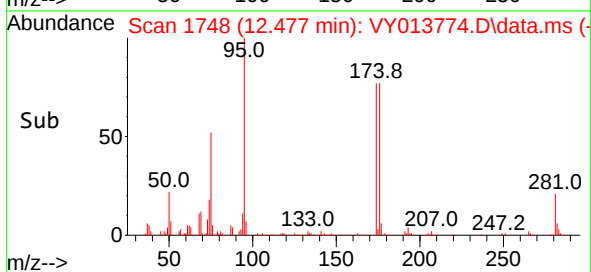
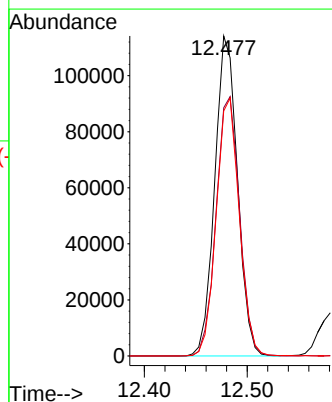
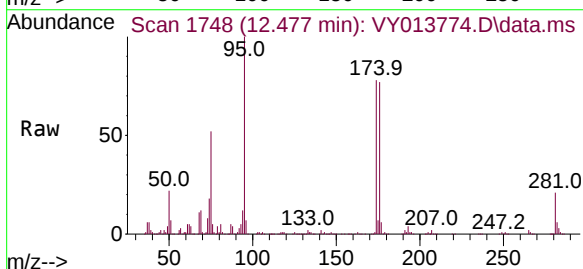
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

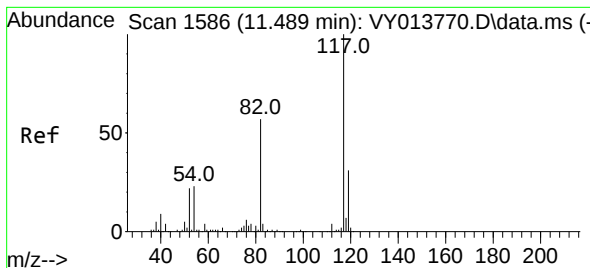
Tgt Ion:107 Resp: 107299
Ion Ratio Lower Upper
107 100
109 93.4 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 95 Resp: 174963
Ion Ratio Lower Upper
95 100
174 83.8 0.0 168.8
176 81.7 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

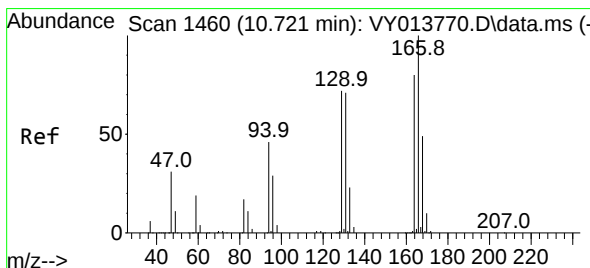
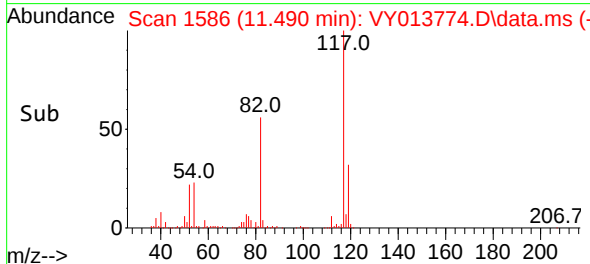
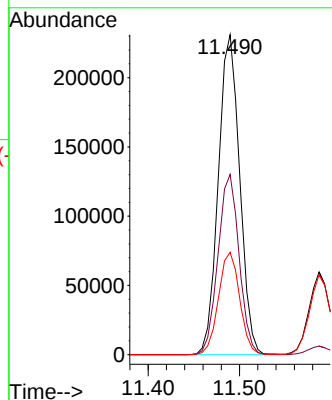
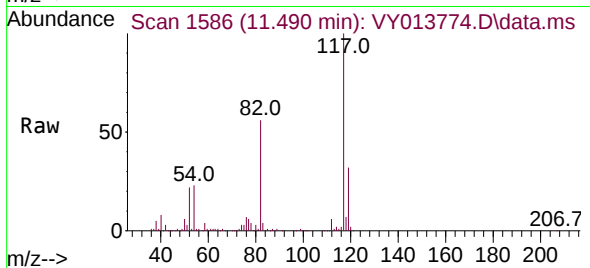
Tgt Ion:117 Resp: 375632

Ion Ratio Lower Upper

117 100

82 56.4 45.5 68.3

119 32.0 24.8 37.2



#64

Tetrachloroethene

Concen: 47.765 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Tgt Ion:164 Resp: 113818

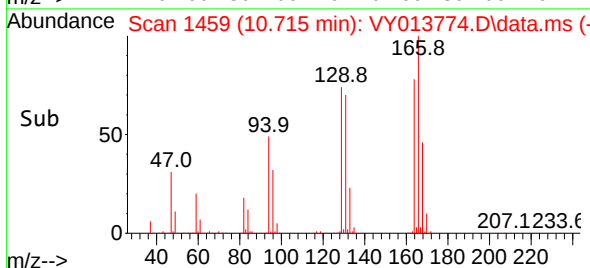
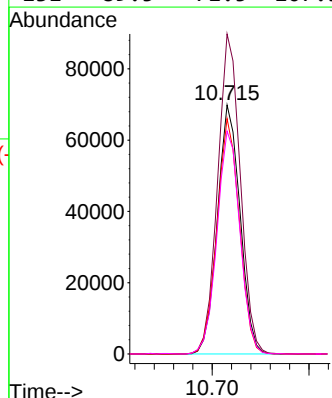
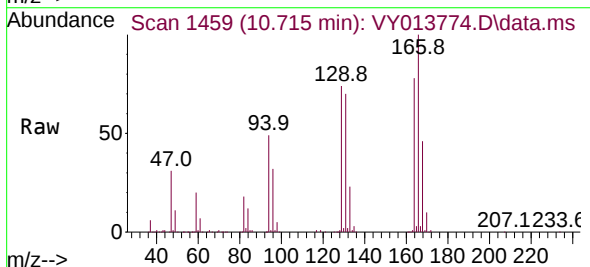
Ion Ratio Lower Upper

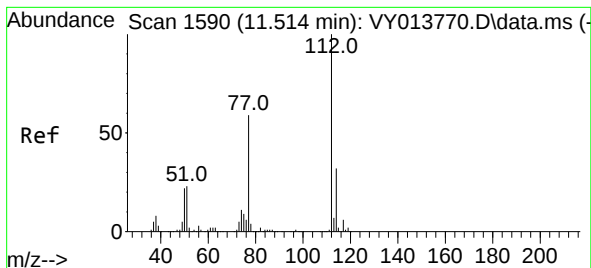
164 100

166 128.5 100.5 150.7

129 94.5 72.5 108.7

131 89.5 71.5 107.3





#65

Chlorobenzene

Concen: 49.725 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

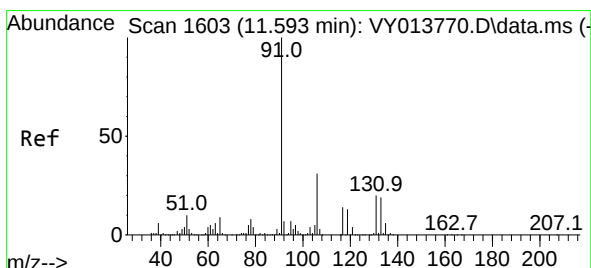
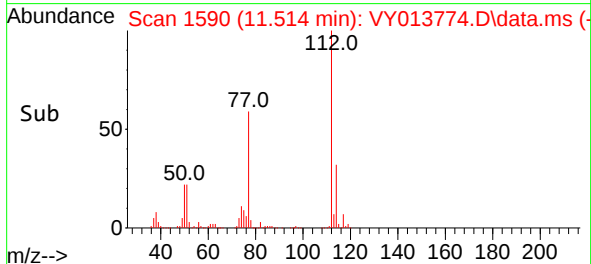
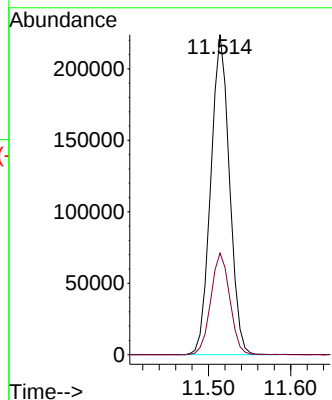
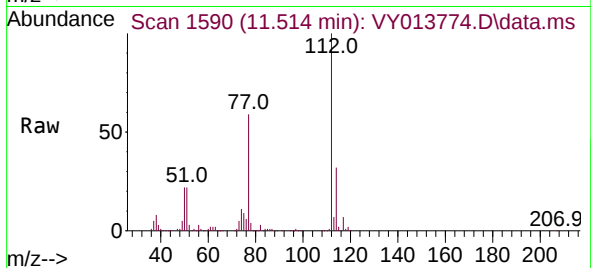
ICVVY051723

Tgt Ion:112 Resp: 353537

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.770 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

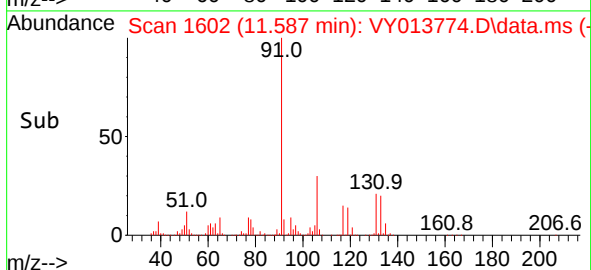
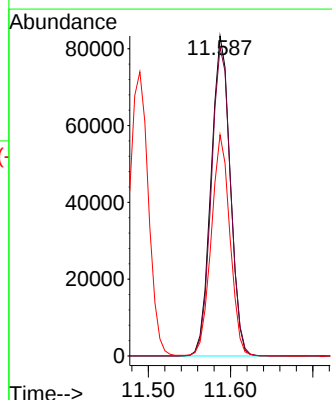
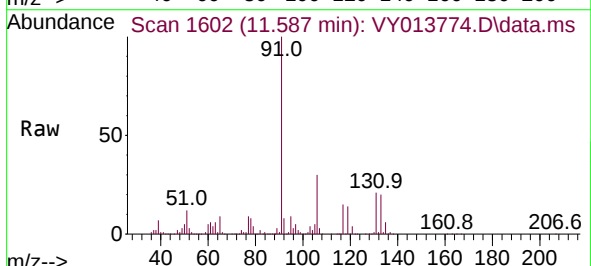
Tgt Ion:131 Resp: 134731

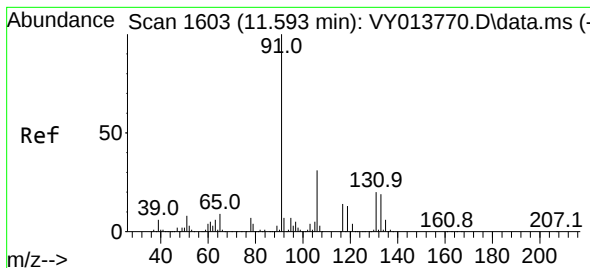
Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.4

119 67.4 32.9 98.7





#67

Ethyl Benzene

Concen: 51.219 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

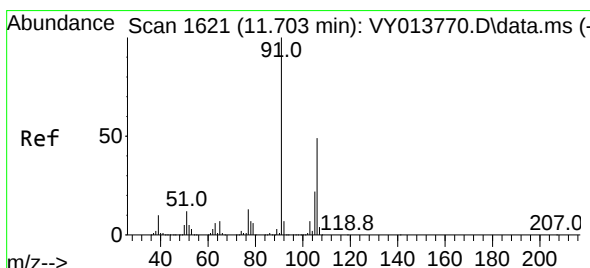
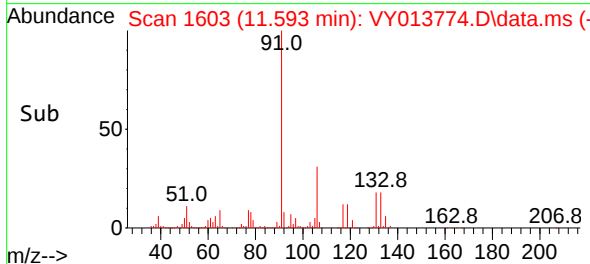
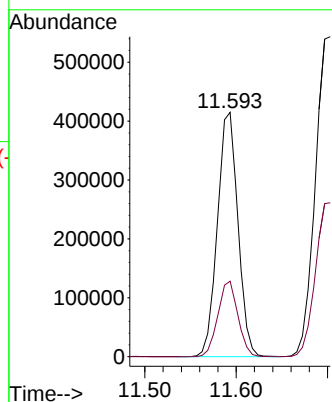
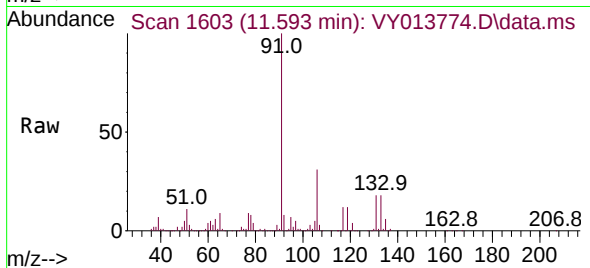
ICVVY051723

Tgt Ion: 91 Resp: 647102

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6



#68

m/p-Xylenes

Concen: 102.615 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013774.D

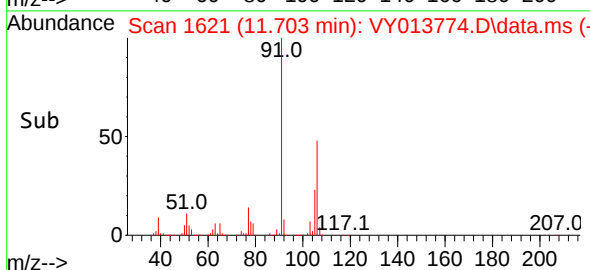
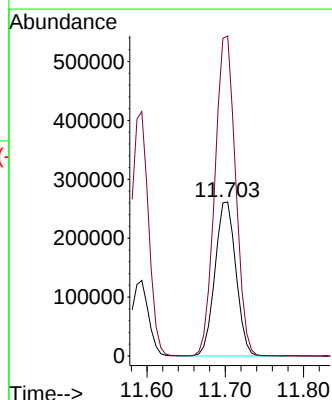
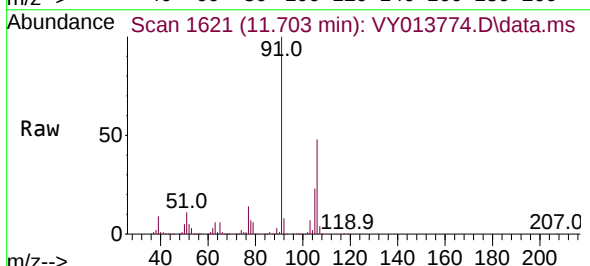
Acq: 17 May 2023 13:45

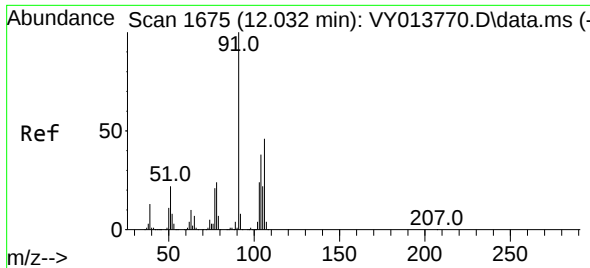
Tgt Ion: 106 Resp: 485578

Ion Ratio Lower Upper

106 100

91 206.2 164.0 246.0

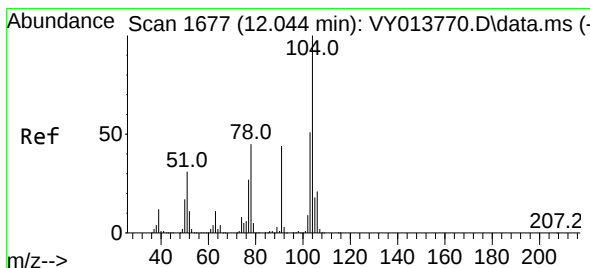
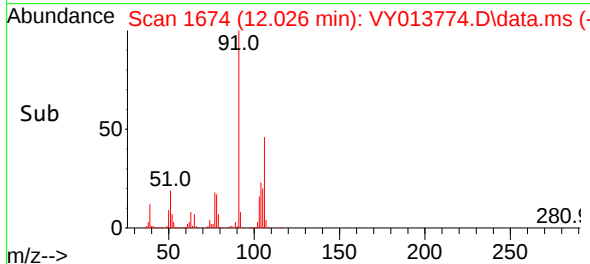
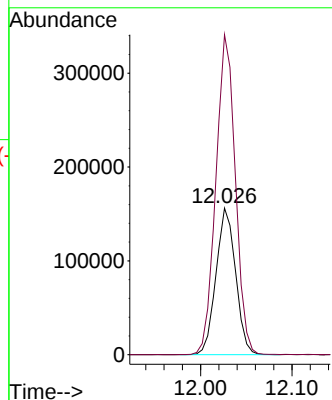
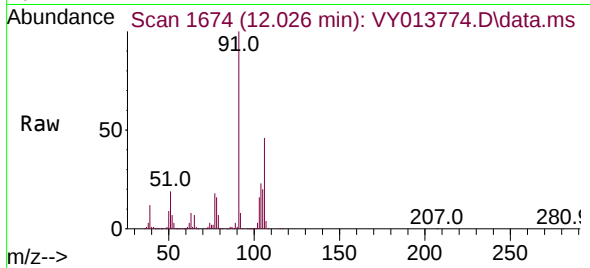




#69
o-Xylene
Concen: 51.762 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

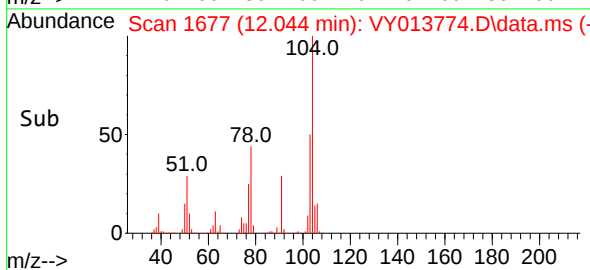
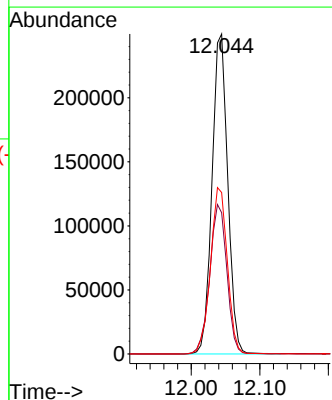
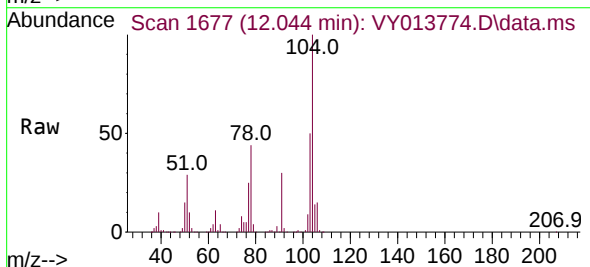
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

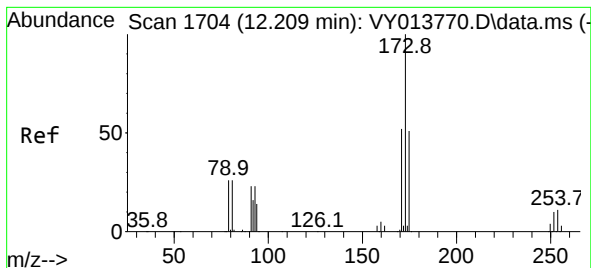
Tgt Ion:106 Resp: 233004
Ion Ratio Lower Upper
106 100
91 217.8 108.4 325.2



#70
Styrene
Concen: 51.930 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion:104 Resp: 397027
Ion Ratio Lower Upper
104 100
78 50.9 40.6 61.0
103 56.0 44.6 66.8





#71

Bromoform

Concen: 50.584 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

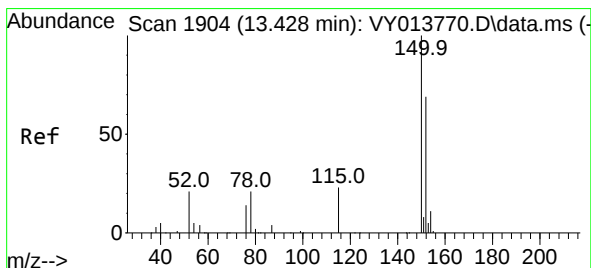
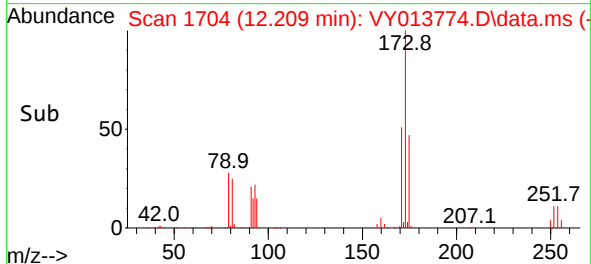
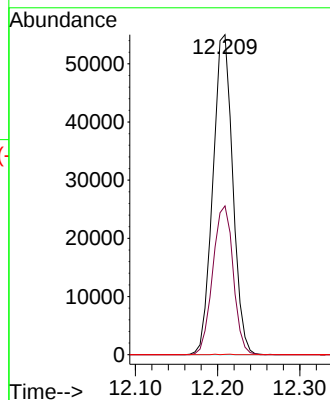
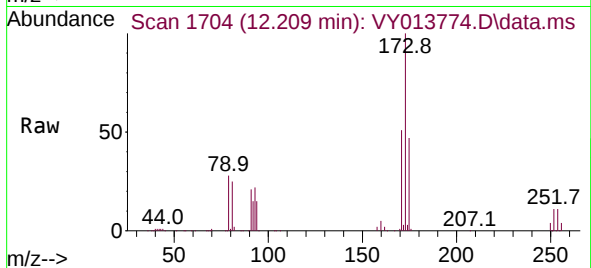
Tgt Ion:173 Resp: 92319

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

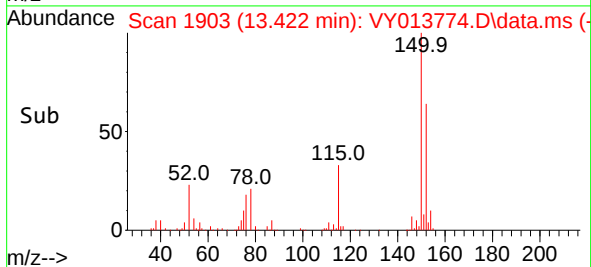
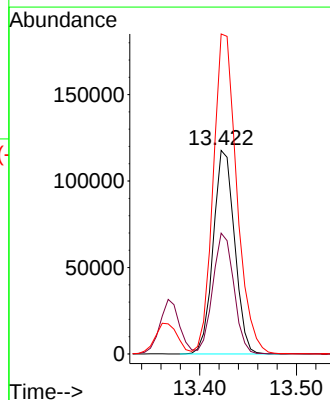
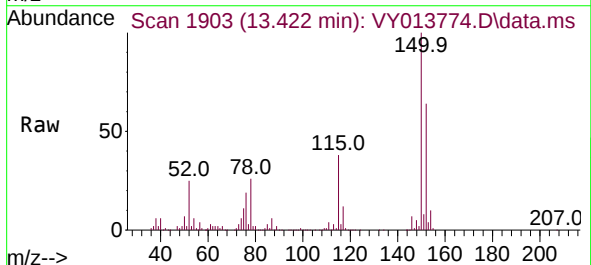
Tgt Ion:152 Resp: 180591

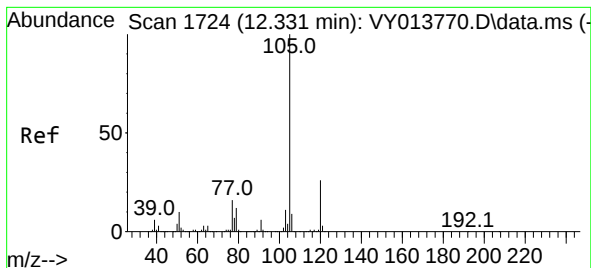
Ion Ratio Lower Upper

152 100

115 58.3 28.5 85.5

150 174.0 0.0 347.0





#73

Isopropylbenzene

Concen: 51.275 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

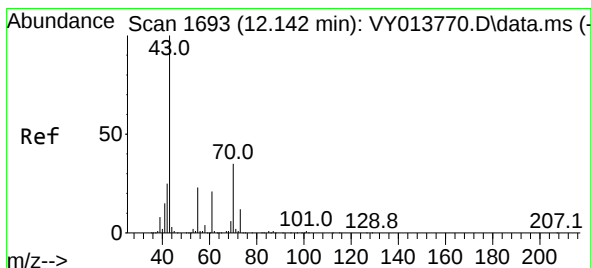
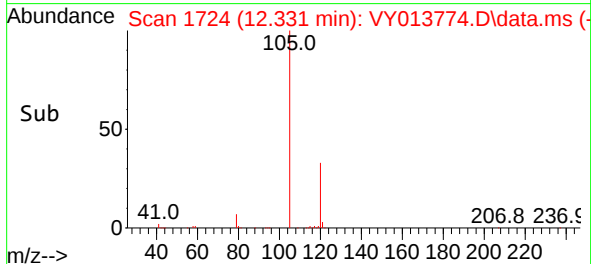
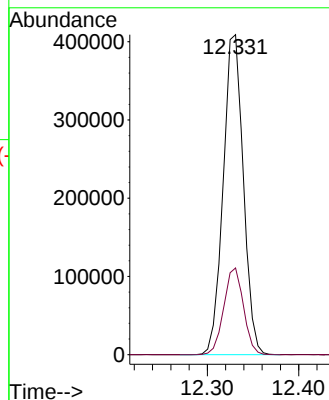
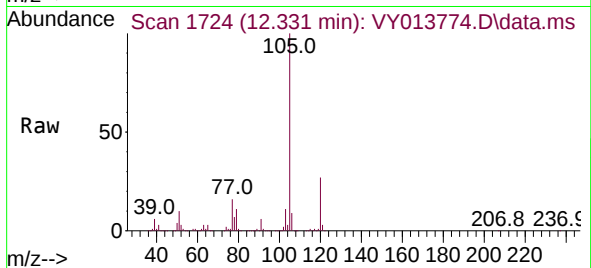
ICVVY051723

Tgt Ion:105 Resp: 626886

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 51.478 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Tgt Ion: 43 Resp: 213581

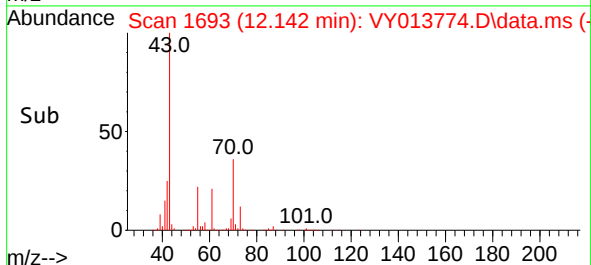
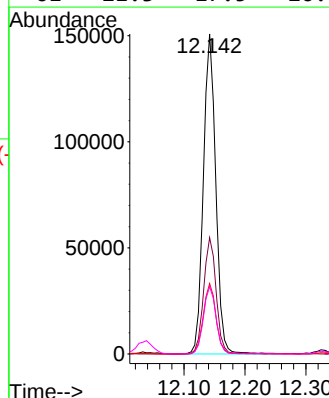
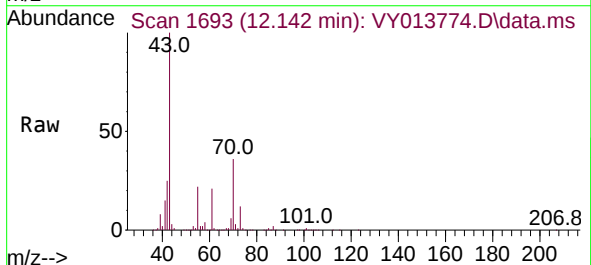
Ion Ratio Lower Upper

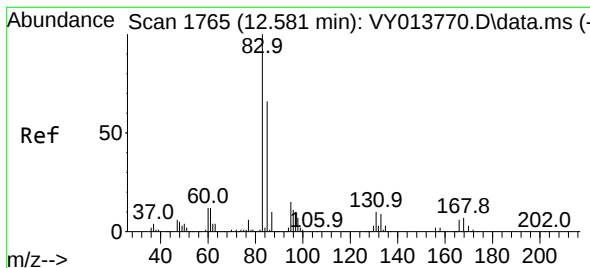
43 100

70 36.5 28.8 43.2

55 22.5 18.5 27.7

61 21.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.835 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

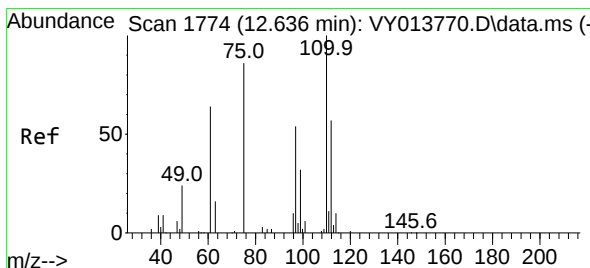
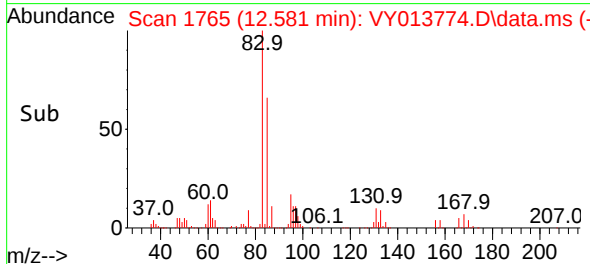
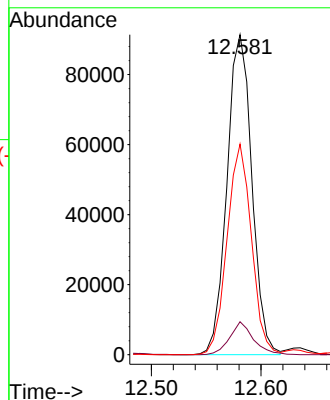
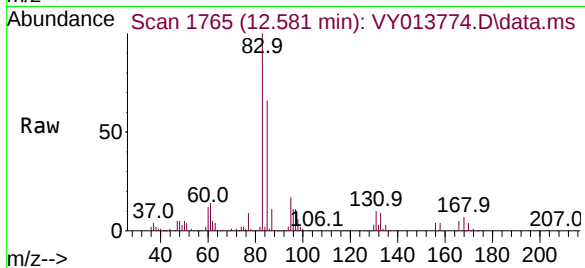
Tgt Ion: 83 Resp: 144334

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 84.473 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013774.D

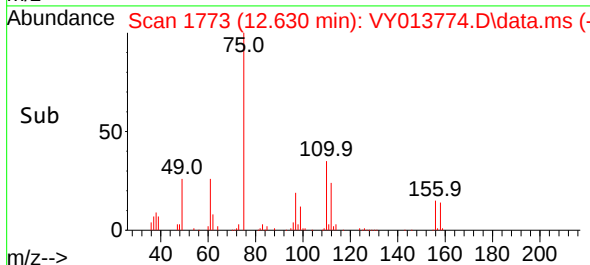
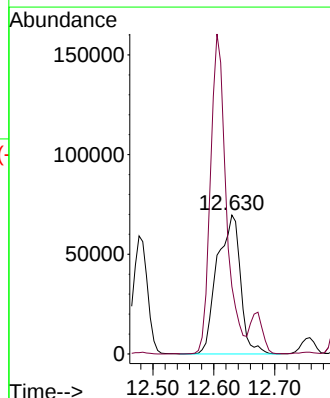
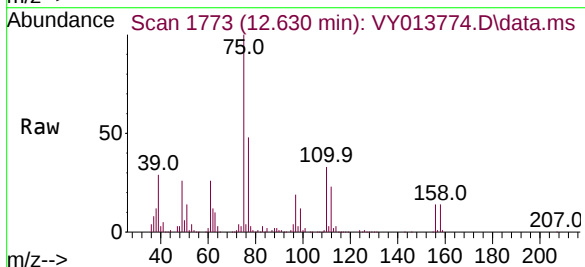
Acq: 17 May 2023 13:45

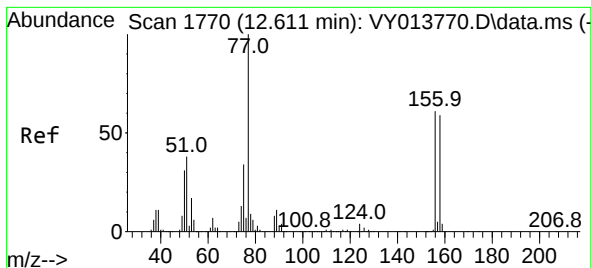
Tgt Ion: 75 Resp: 184627

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.977 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

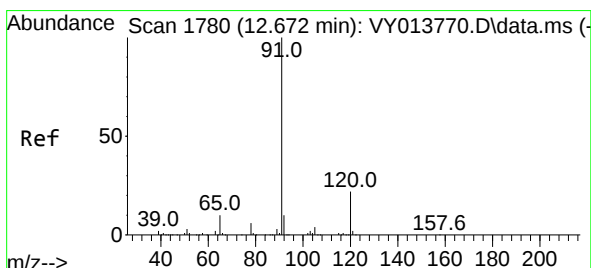
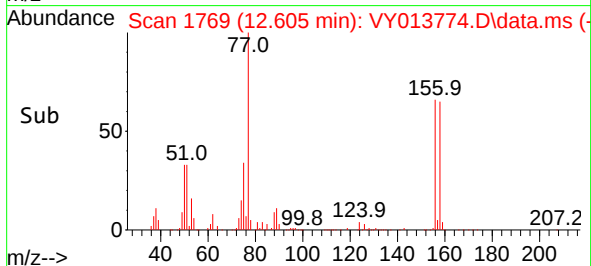
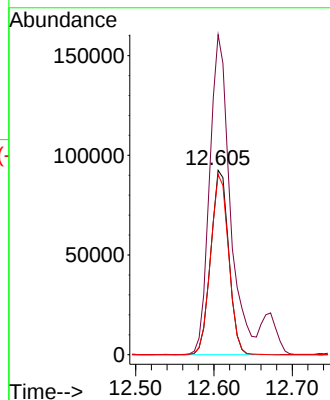
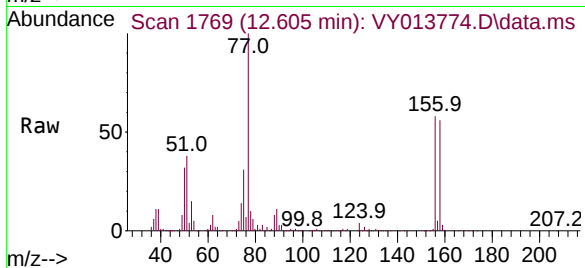
Tgt Ion:156 Resp: 147395

Ion Ratio Lower Upper

156 100

77 197.4 97.1 291.3

158 98.0 49.1 147.3



#78

n-propylbenzene

Concen: 51.673 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013774.D

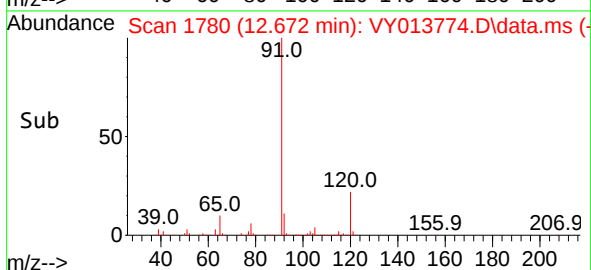
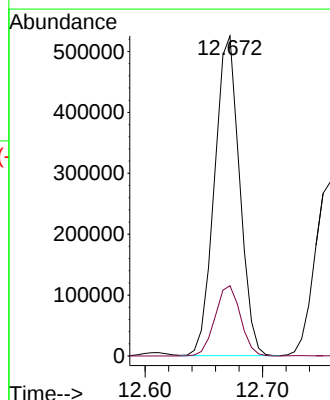
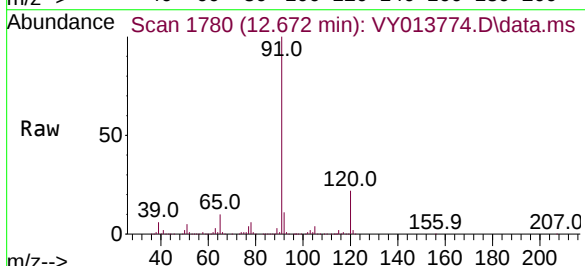
Acq: 17 May 2023 13:45

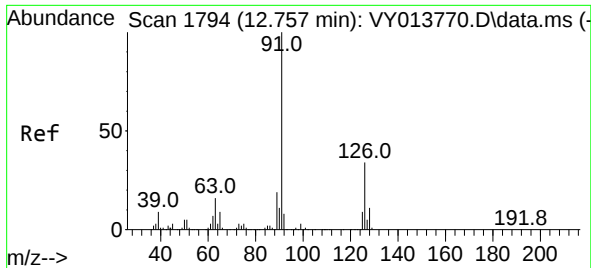
Tgt Ion: 91 Resp: 778209

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9

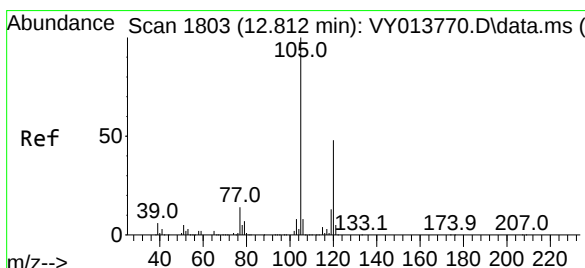
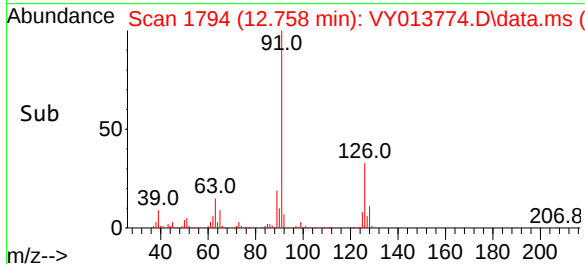
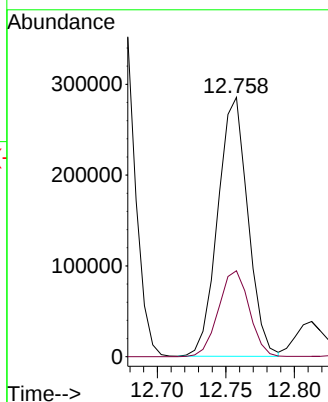
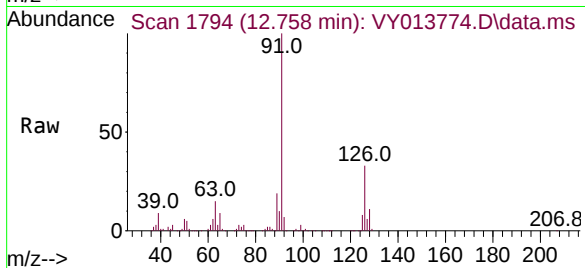




#79
2-Chlorotoluene
Concen: 51.282 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

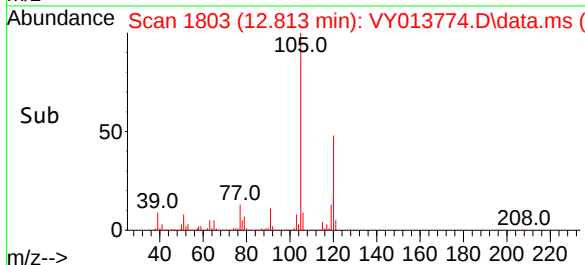
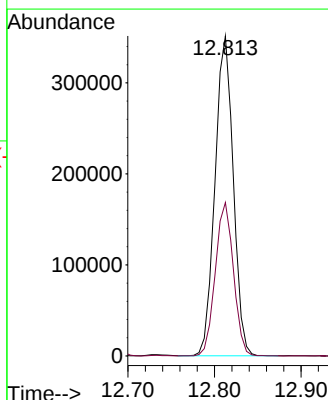
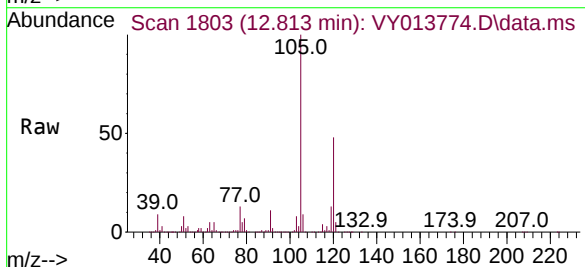
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

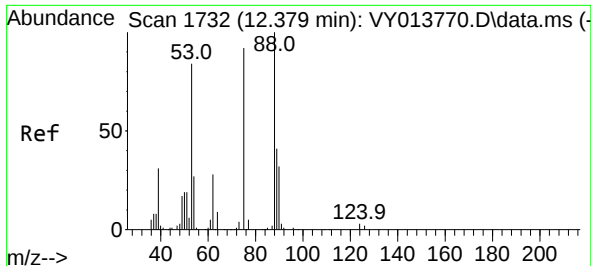
Tgt Ion: 91 Resp: 435882
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 51.555 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 105 Resp: 513957
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.5

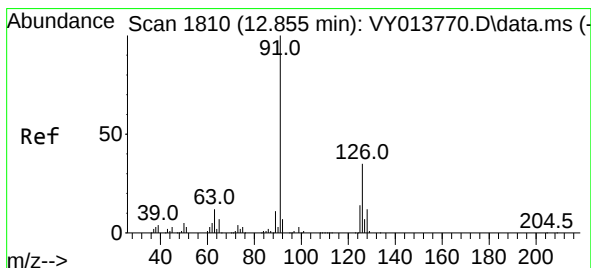
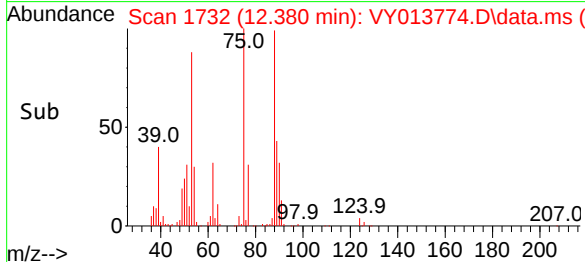
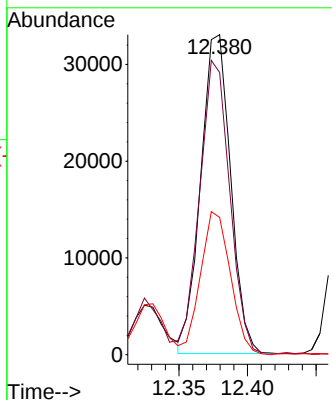
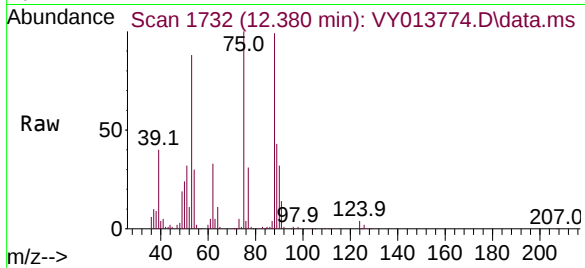




#81
trans-1,4-Dichloro-2-butene
Concen: 50.959 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

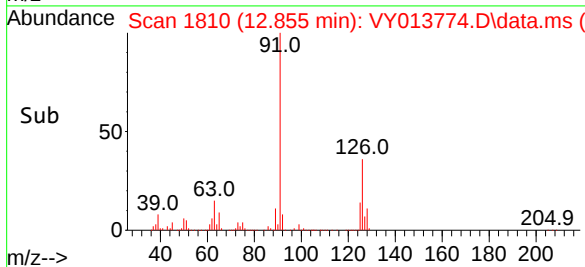
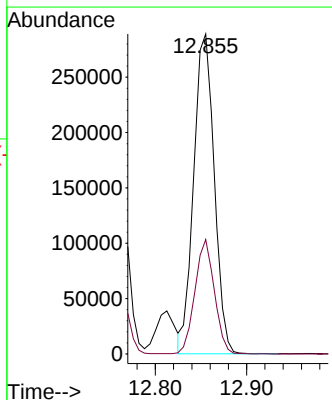
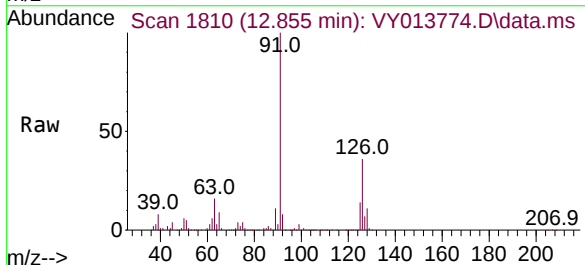
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

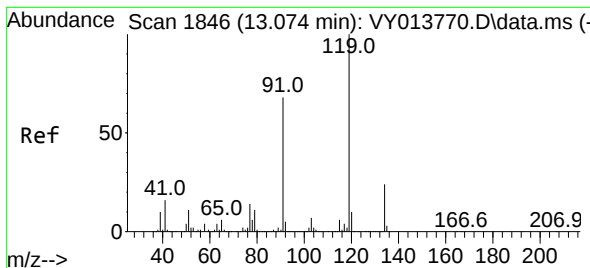
Tgt Ion: 75 Resp: 50026
Ion Ratio Lower Upper
75 100
53 93.3 75.3 112.9
89 45.1 35.4 53.2



#82
4-Chlorotoluene
Concen: 50.997 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion: 91 Resp: 451522
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4





#83

tert-Butylbenzene

Concen: 52.440 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

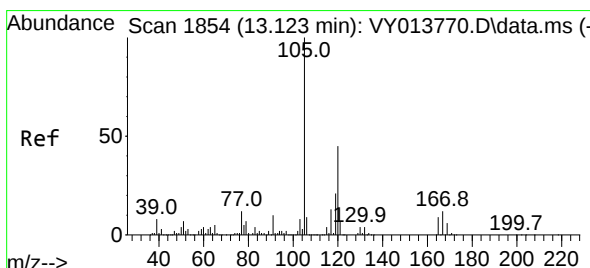
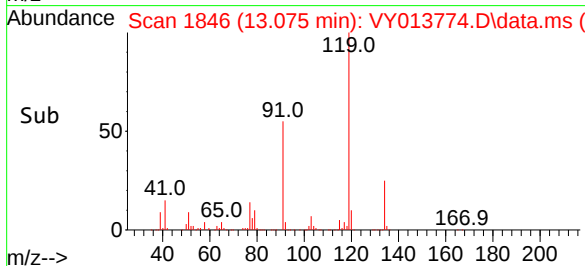
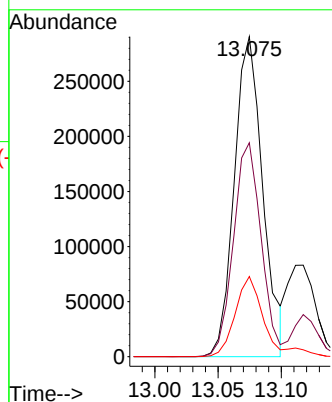
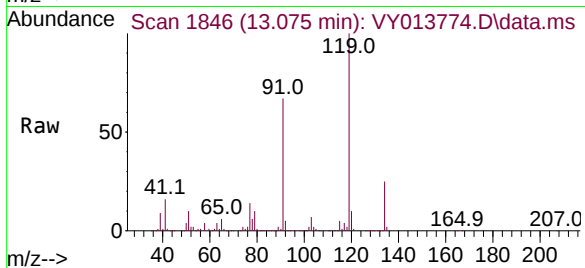
Tgt Ion:119 Resp: 455258

Ion Ratio Lower Upper

119 100

91 65.1 33.3 99.9

134 25.7 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 52.025 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013774.D

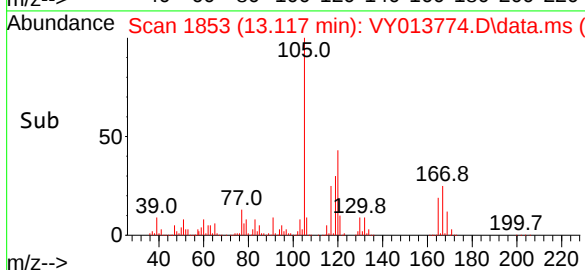
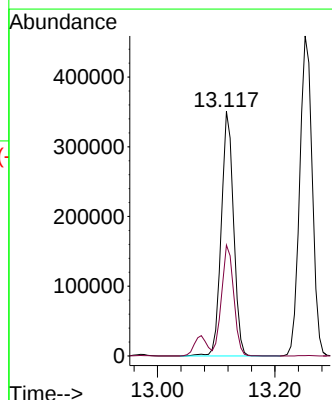
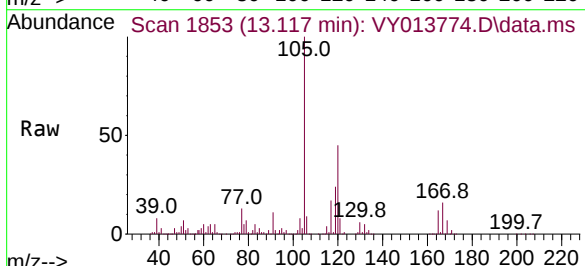
Acq: 17 May 2023 13:45

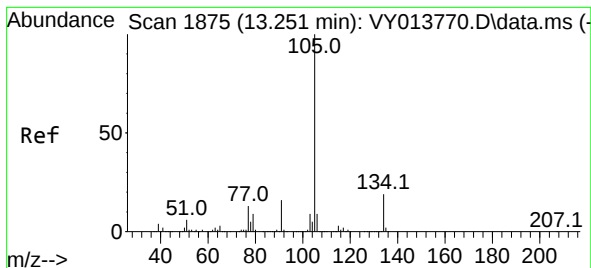
Tgt Ion:105 Resp: 508327

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.077 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

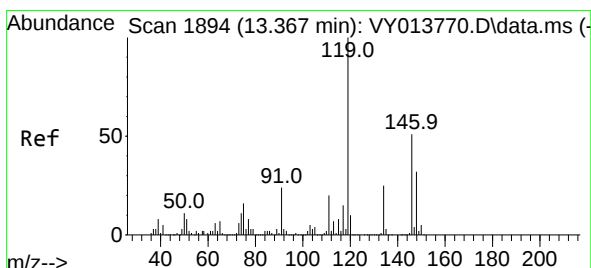
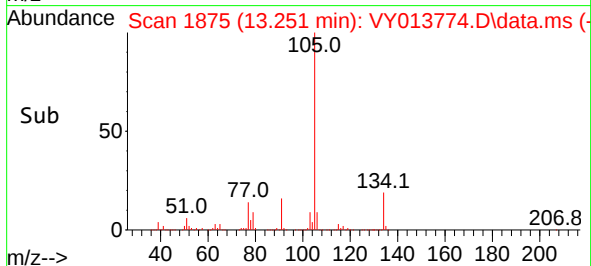
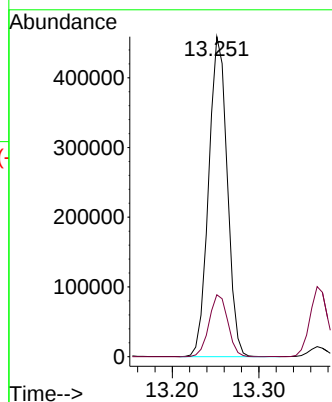
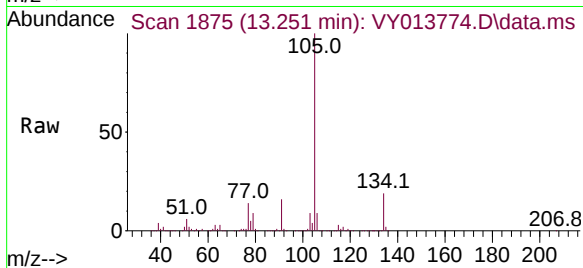
ICVY051723

Tgt Ion:105 Resp: 682145

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 52.256 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

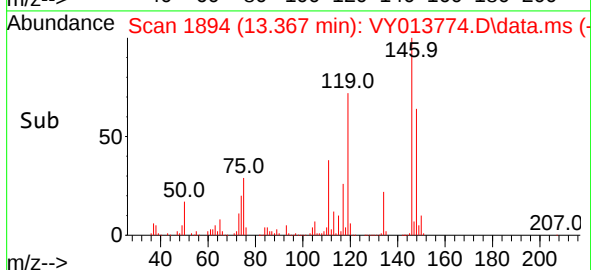
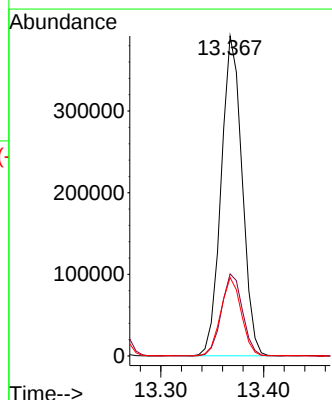
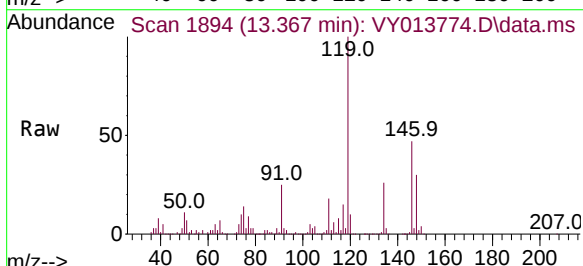
Tgt Ion:119 Resp: 552721

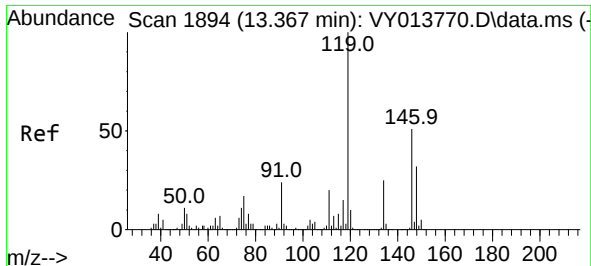
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.1 11.8 35.4

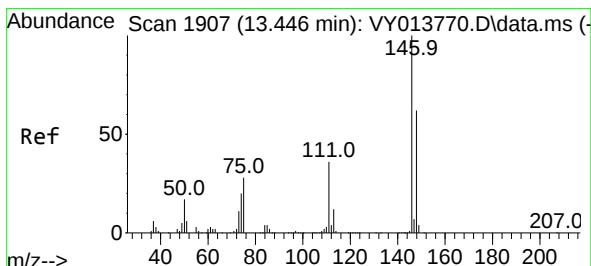
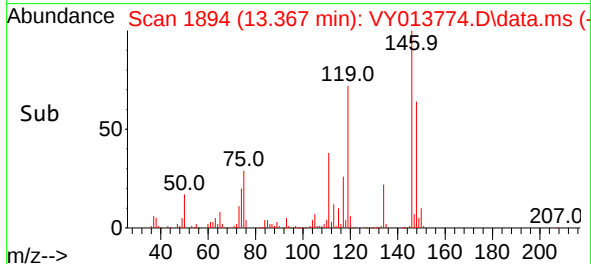
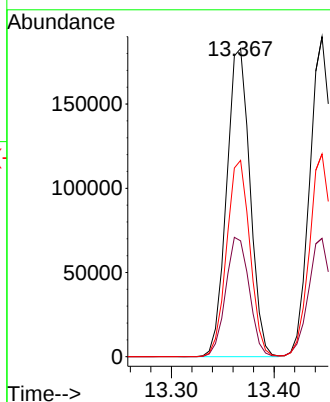
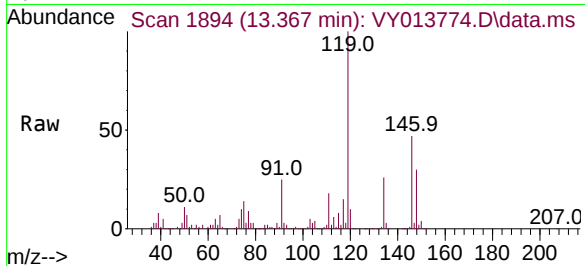




#87
1,3-Dichlorobenzene
Concen: 50.421 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

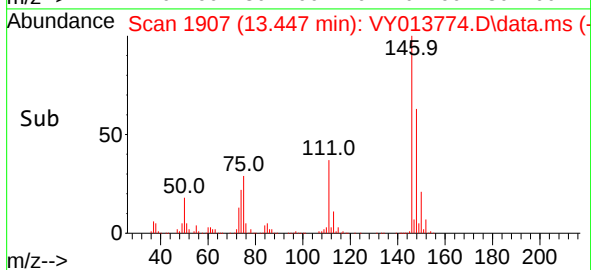
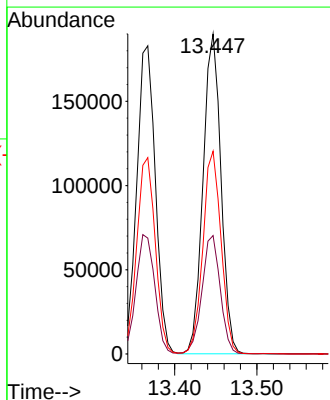
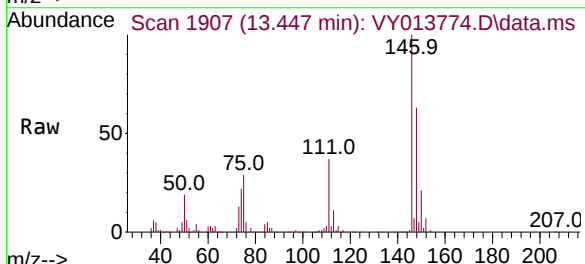
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

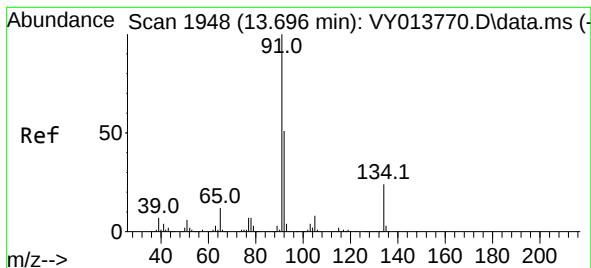
Tgt Ion:146 Resp: 289490
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 63.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.850 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013774.D
Acq: 17 May 2023 13:45

Tgt Ion:146 Resp: 287792
Ion Ratio Lower Upper
146 100
111 37.6 18.9 56.7
148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 52.482 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051723

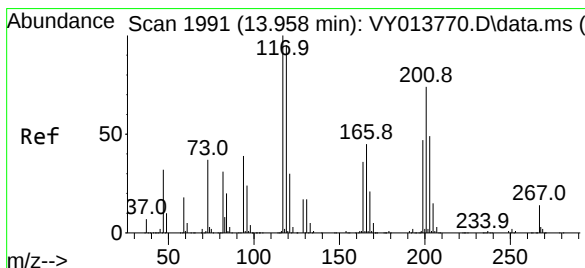
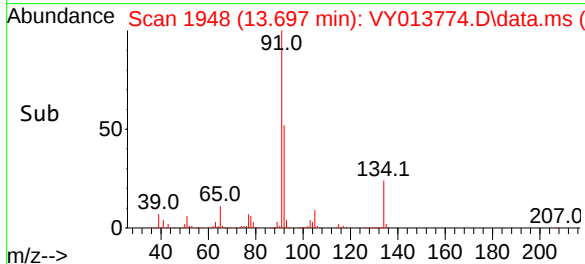
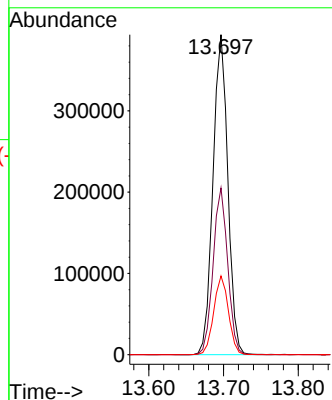
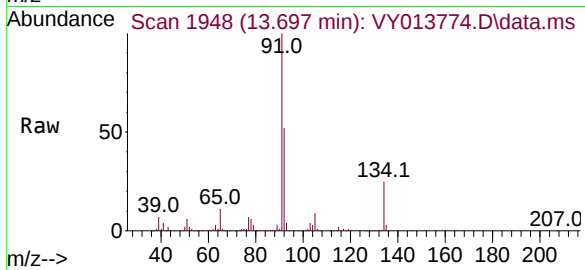
Tgt Ion: 91 Resp: 544232

Ion Ratio Lower Upper

91 100

92 51.4 25.4 76.4

134 24.4 12.2 36.6



#90

Hexachloroethane

Concen: 49.143 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013774.D

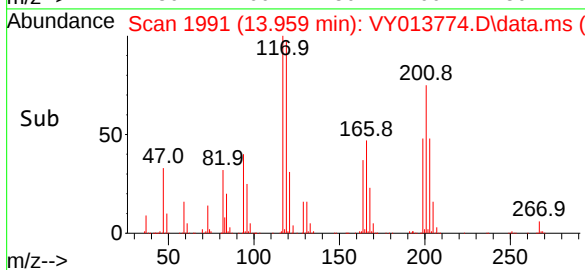
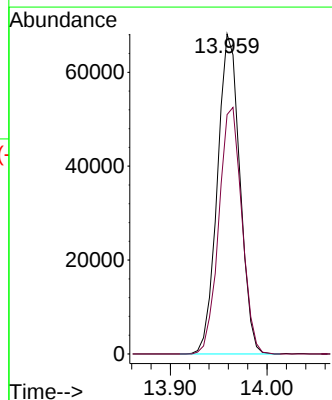
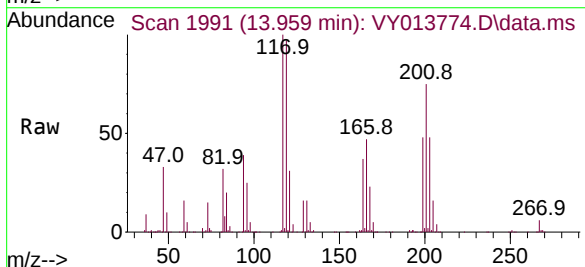
Acq: 17 May 2023 13:45

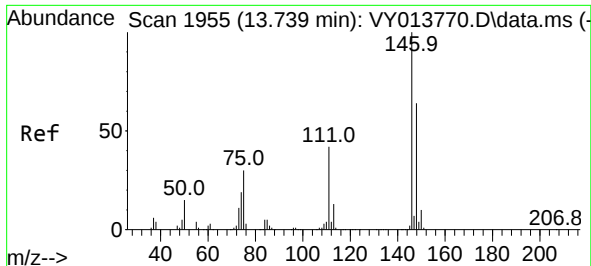
Tgt Ion: 117 Resp: 109841

Ion Ratio Lower Upper

117 100

201 78.7 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 50.672 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

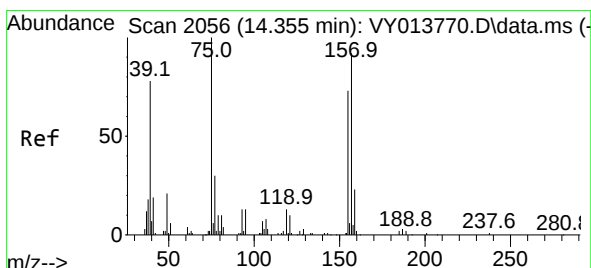
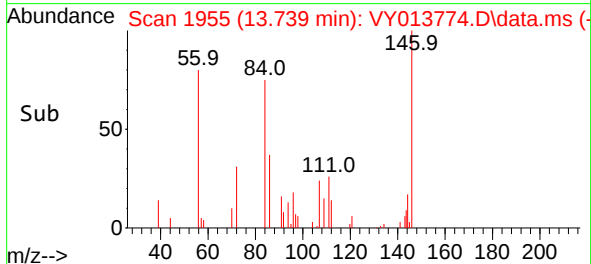
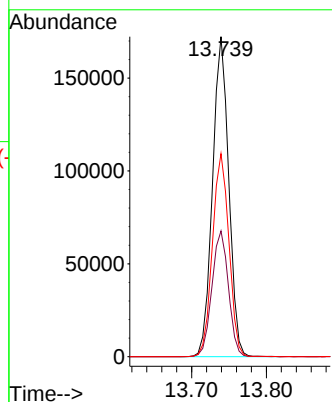
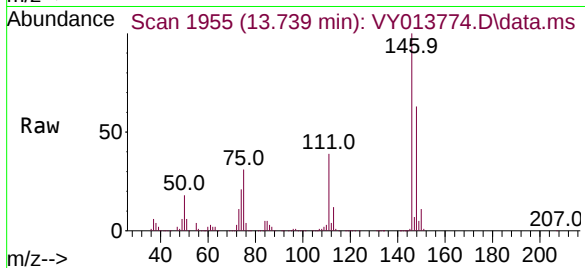
Tgt Ion:146 Resp: 259072

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

148 64.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.801 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

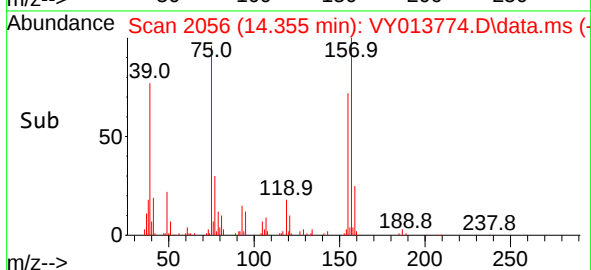
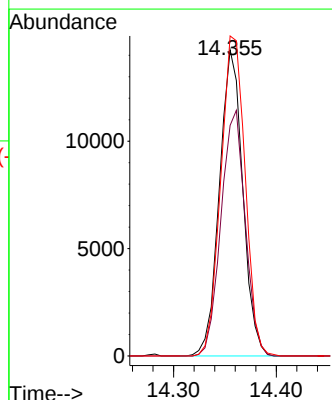
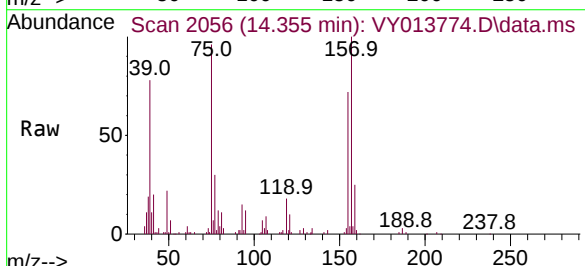
Tgt Ion: 75 Resp: 22432

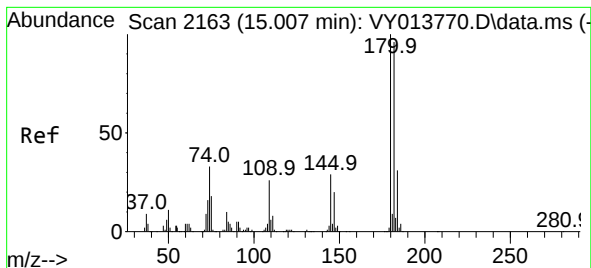
Ion Ratio Lower Upper

75 100

155 83.2 39.1 117.3

157 109.1 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 51.222 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

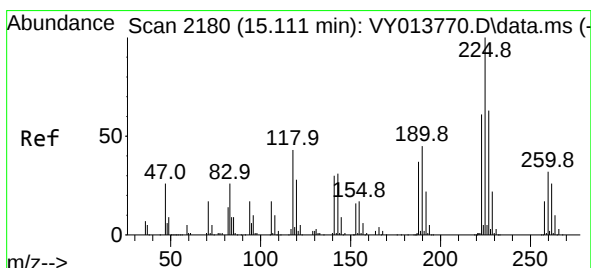
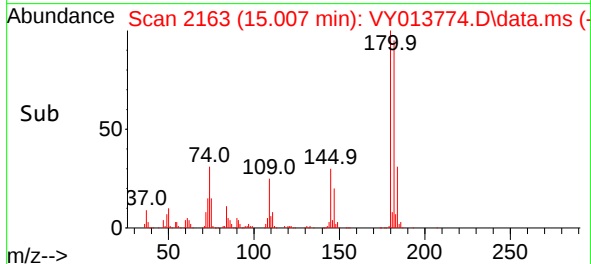
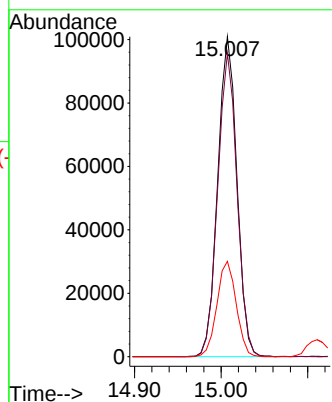
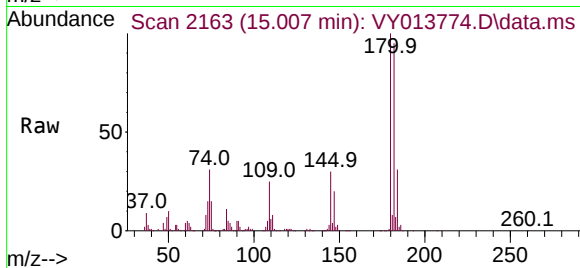
Tgt Ion:180 Resp: 155408

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 49.375 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

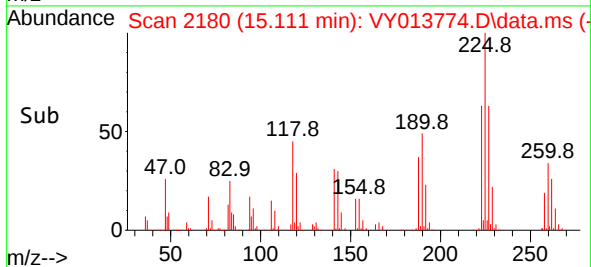
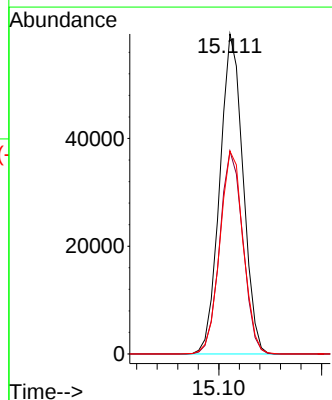
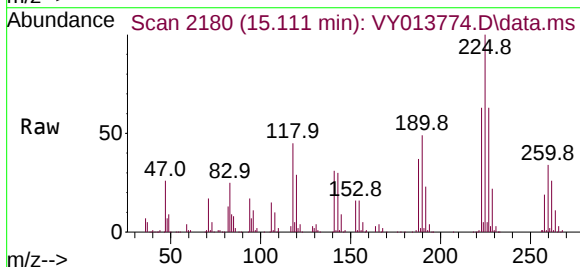
Tgt Ion:225 Resp: 93059

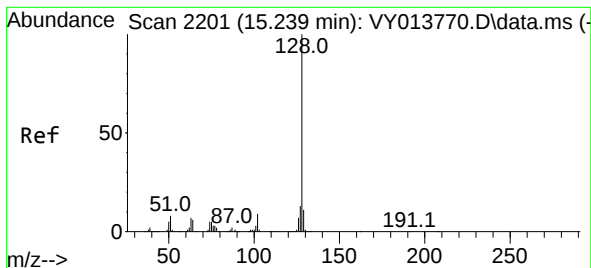
Ion Ratio Lower Upper

225 100

223 63.2 30.6 91.6

227 63.8 31.6 94.7





#95

Naphthalene

Concen: 53.139 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051723

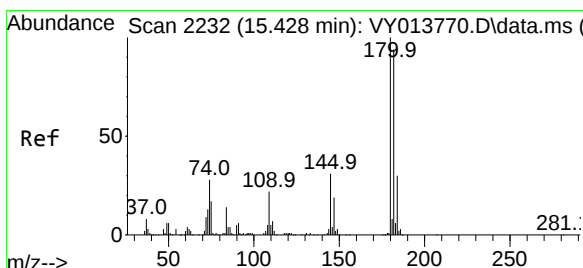
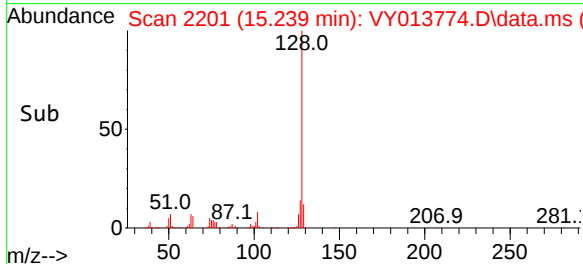
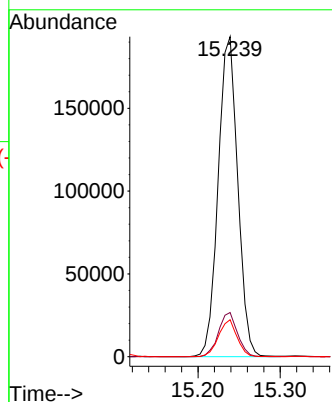
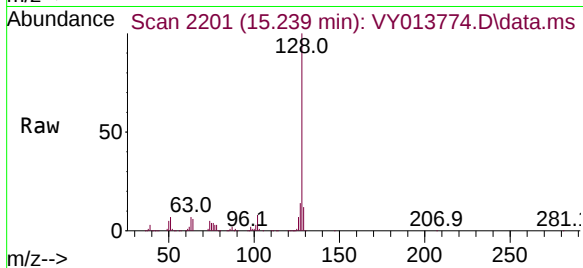
Tgt Ion:128 Resp: 319984

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.958 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY013774.D

Acq: 17 May 2023 13:45

Tgt Ion:180 Resp: 139102

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.4

145 31.6 15.6 46.7

