

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015022.D
 Acq On : 10 Aug 2023 13:06
 Operator : SY/MD
 Sample : VY0810SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 10 14:22:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	323706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	514962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	463856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	236318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	180542	46.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.716	113	162387	49.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.179	98	599603	47.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.477	95	215427	48.494	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35612	17.650	ug/l	94
3) Chloromethane	2.107	50	43448	17.055	ug/l	98
4) Vinyl Chloride	2.247	62	54056	17.220	ug/l	99
5) Bromomethane	2.625	94	41031	17.659	ug/l	100
6) Chloroethane	2.778	64	39183	18.078	ug/l	98
7) Trichlorofluoromethane	3.113	101	88999	17.941	ug/l	97
8) Diethyl Ether	3.527	74	32986	18.020	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	52634	17.924	ug/l	99
10) Methyl Iodide	4.082	142	53909	17.756	ug/l	97
11) Tert butyl alcohol	4.942	59	110366	116.557	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	44595	17.429	ug/l	89
13) Acrolein	3.723	56	38777	120.381	ug/l	100
14) Allyl chloride	4.472	41	74106	17.393	ug/l	96
15) Acrylonitrile	5.155	53	98936	88.470	ug/l	97
16) Acetone	3.942	43	116947	95.589	ug/l	98
17) Carbon Disulfide	4.186	76	83717	14.799	ug/l	98
18) Methyl Acetate	4.472	43	83472	18.735	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	174995	18.078	ug/l	98
20) Methylene Chloride	4.704	84	105412	11.395	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	50728	17.394	ug/l	94
22) Diisopropyl ether	6.118	45	177494	17.884	ug/l	90
23) Vinyl Acetate	6.051	43	482658	80.902	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	102985	18.294	ug/l	97
25) 2-Butanone	6.984	43	154741	88.306	ug/l	95
26) 2,2-Dichloropropane	6.972	77	97050	17.038	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	67433	18.271	ug/l	95
28) Bromochloromethane	7.332	49	47794	18.834	ug/l	87
29) Tetrahydrofuran	7.344	42	85953	83.644	ug/l	89
30) Chloroform	7.502	83	114187	18.673	ug/l	100
31) Cyclohexane	7.777	56	74043	15.844	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	99273	18.421	ug/l	98
36) 1,1-Dichloropropene	7.911	75	72456	17.722	ug/l	98
37) Ethyl Acetate	7.069	43	57483	17.713	ug/l	95
38) Carbon Tetrachloride	7.899	117	86827	18.891	ug/l	98
39) Methylcyclohexane	9.179	83	83538	17.182	ug/l	93
40) Benzene	8.155	78	220568	18.321	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	81165	51.465	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	76126	18.166	ug/l	95
43) Isopropyl Acetate	8.270	43	109434	18.150	ug/l	97
44) Trichloroethene	8.935	130	64507	18.674	ug/l	99
45) 1,2-Dichloropropane	9.209	63	59667	18.649	ug/l	97
46) Dibromomethane	9.301	93	38144	18.506	ug/l	98
47) Bromodichloromethane	9.490	83	90246	19.014	ug/l	99
48) Methyl methacrylate	9.289	41	46922	17.737	ug/l	93
49) 1,4-Dioxane	9.295	88	13286	346.552	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	305382	89.877	ug/l	93
52) Toluene	10.240	92	143833	18.566	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	91509	18.514	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	100132	18.751	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	55370	18.484	ug/l	97
56) Ethyl methacrylate	10.508	69	77268	18.014	ug/l	92
57) 1,3-Dichloropropane	10.788	76	91980	18.559	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	187783	92.587	ug/l	92
59) 2-Hexanone	10.831	43	228098	90.876	ug/l	92
60) Dibromochloromethane	10.983	129	67333	18.877	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53876	18.842	ug/l	100
64) Tetrachloroethene	10.715	164	72080	20.658	ug/l	98
65) Chlorobenzene	11.514	112	166000	18.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	66777	19.362	ug/l	98
67) Ethyl Benzene	11.587	91	292619	18.944	ug/l	99
68) m/p-Xylenes	11.697	106	220020	37.234	ug/l	97
69) o-Xylene	12.026	106	110089	19.039	ug/l	98
70) Styrene	12.044	104	187588	18.984	ug/l	97
71) Bromoform	12.209	173	45870	19.295	ug/l #	98
73) Isopropylbenzene	12.325	105	297684	18.739	ug/l	100
74) N-amyl acetate	12.142	43	88716	16.346	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	69484	17.898	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	88902	31.396	ug/l #	100
77) Bromobenzene	12.605	156	72013	18.689	ug/l	98
78) n-propylbenzene	12.666	91	348003	18.316	ug/l	98
79) 2-Chlorotoluene	12.751	91	202375	18.689	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	251100	19.181	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	22092	17.188	ug/l	99
82) 4-Chlorotoluene	12.849	91	209741	18.736	ug/l	99
83) tert-Butylbenzene	13.074	119	226634	18.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	249346	19.011	ug/l	99
85) sec-Butylbenzene	13.251	105	330531	18.806	ug/l	100
86) p-Isopropyltoluene	13.367	119	277015	19.040	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	143545	19.032	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	144618	19.227	ug/l	99
89) n-Butylbenzene	13.690	91	256390	18.756	ug/l	96
90) Hexachloroethane	13.958	117	52745	18.669	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	133160	19.130	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13420	17.705	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	84588	18.990	ug/l	98
94) Hexachlorobutadiene	15.111	225	48093	19.911	ug/l	97
95) Naphthalene	15.233	128	209470	19.986	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	76231	18.907	ug/l	98

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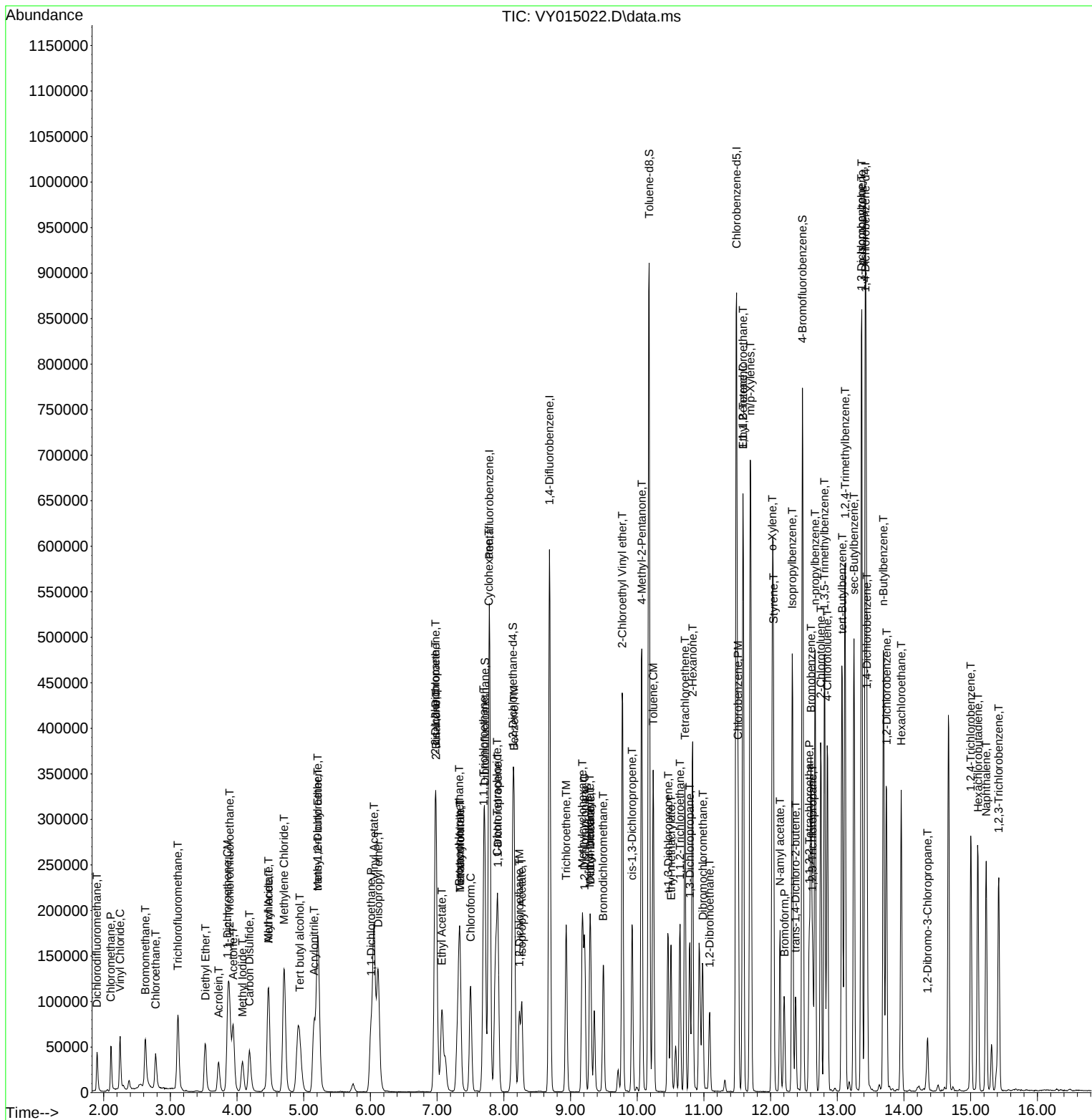
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MSVOA_Y
ClientSampleId :

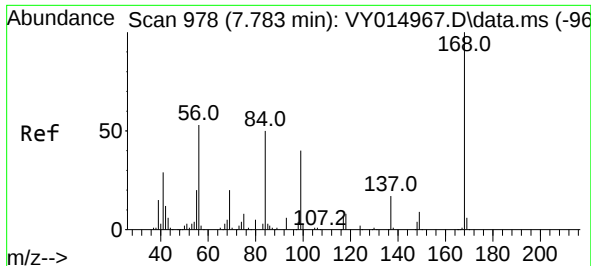
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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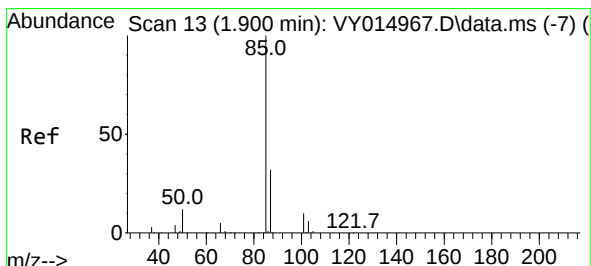
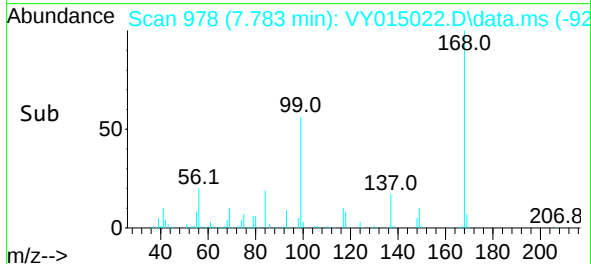
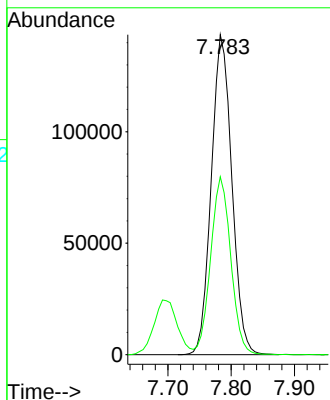
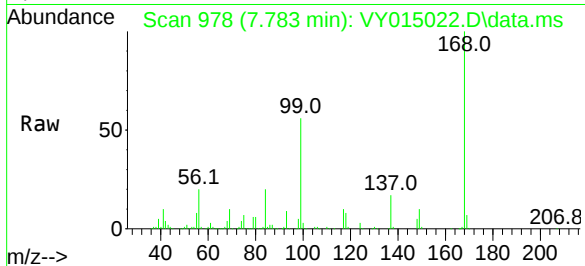




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015022.D
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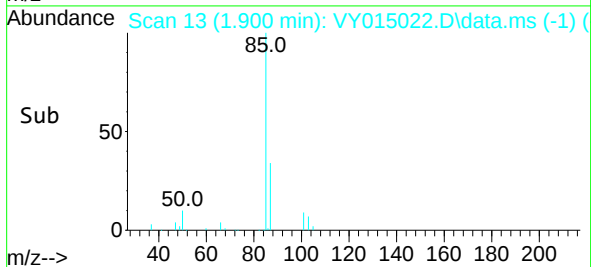
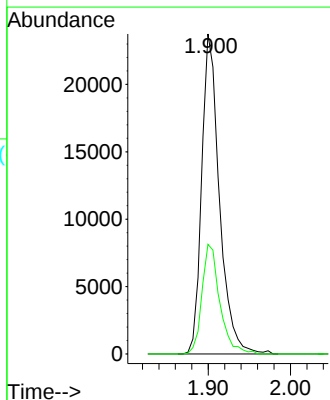
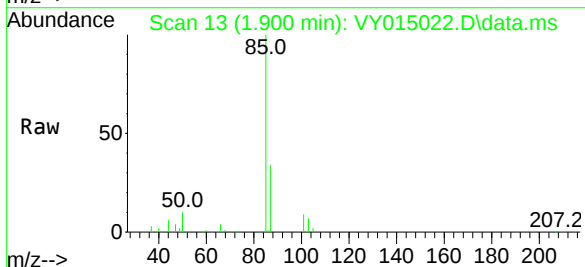
Instrument :
MSVOA_Y
ClientSampleId :

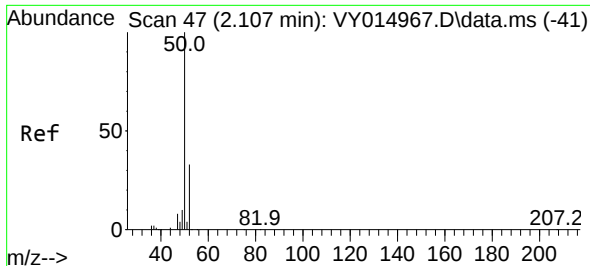
Tgt Ion:168 Resp: 323706
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.650 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 85 Resp: 35612
Ion Ratio Lower Upper
85 100
87 34.3 15.6 46.8

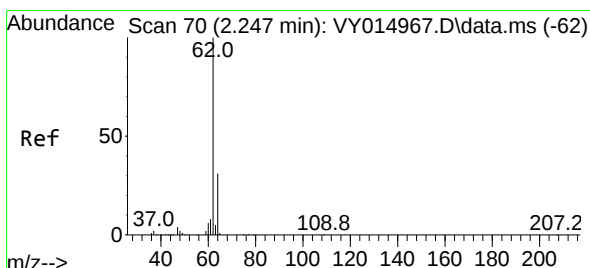
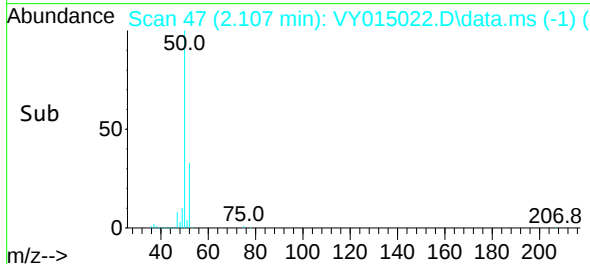
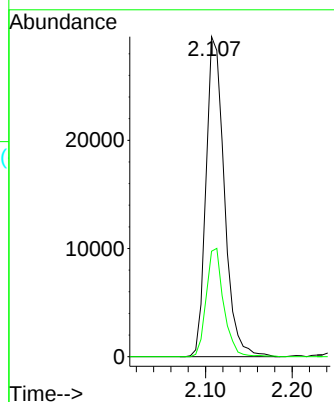
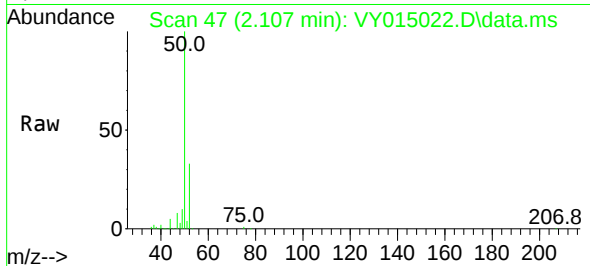




#3
Chloromethane
Concen: 17.055 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

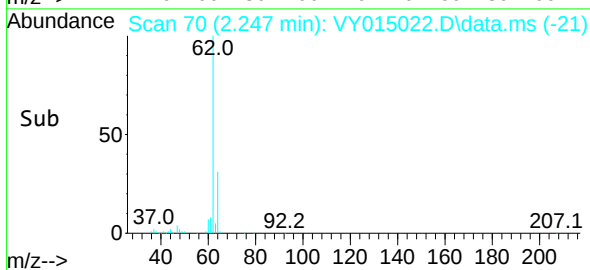
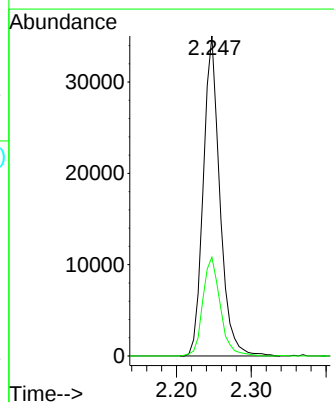
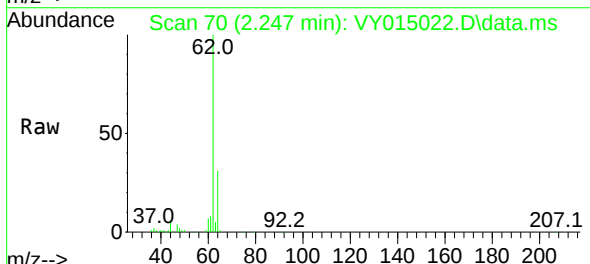
Instrument :
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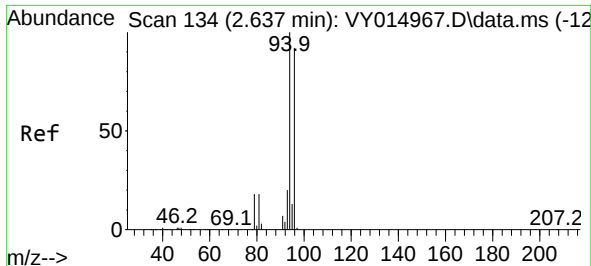
Tgt Ion: 50 Resp: 43448
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 17.220 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 62 Resp: 54056
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5

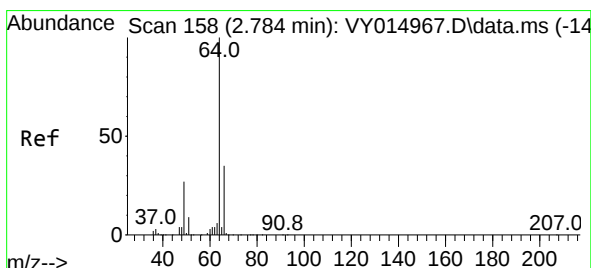
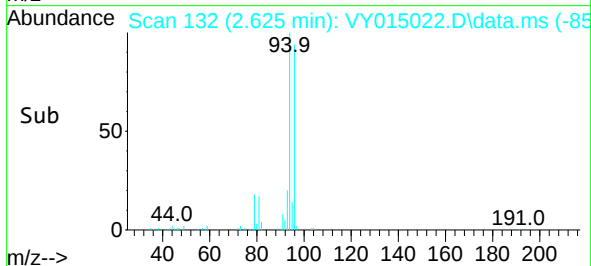
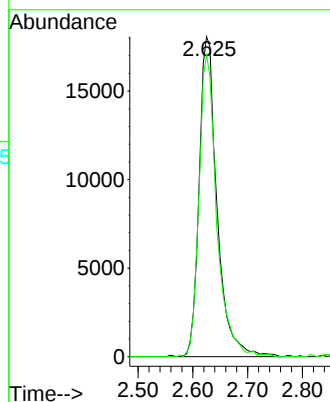
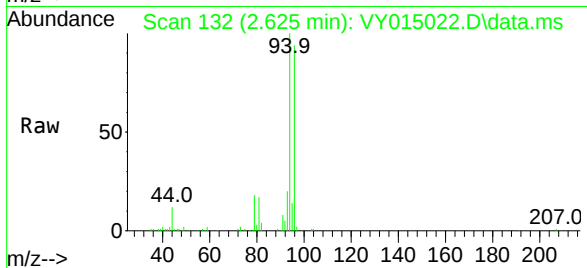




#5
Bromomethane
Concen: 17.659 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

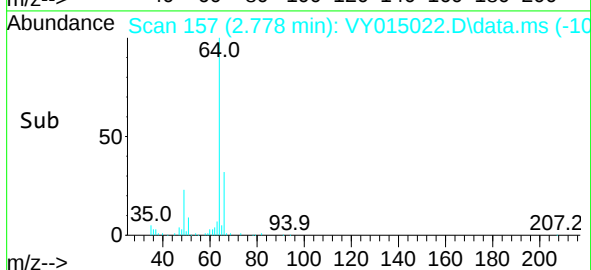
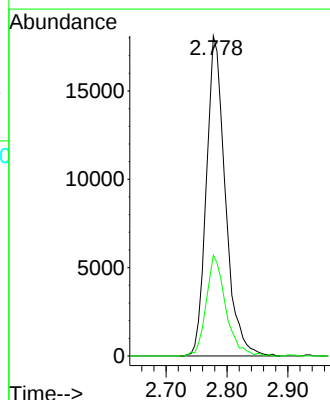
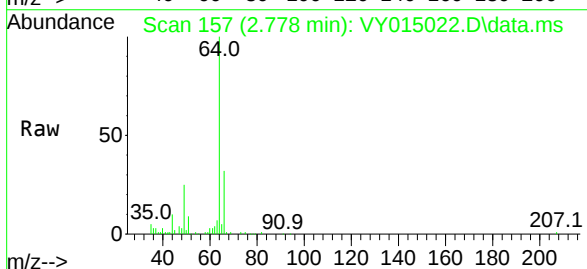
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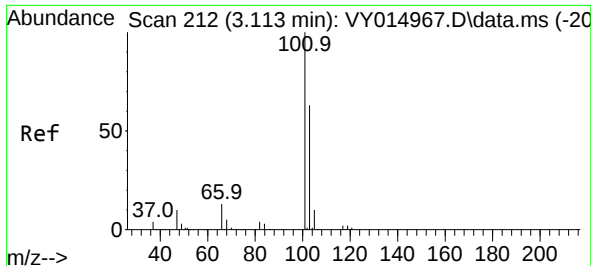
Tgt Ion: 94 Resp: 41031
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6



#6
Chloroethane
Concen: 18.078 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 64 Resp: 39183
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

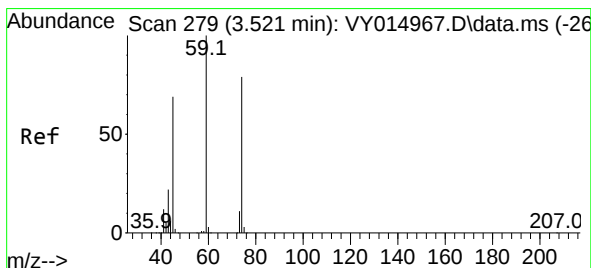
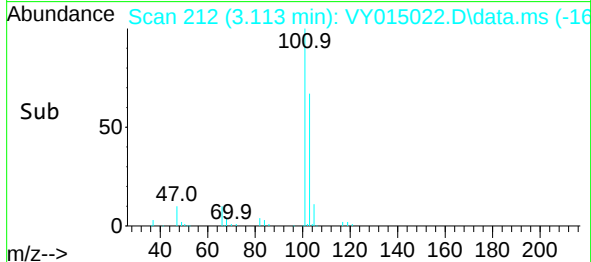
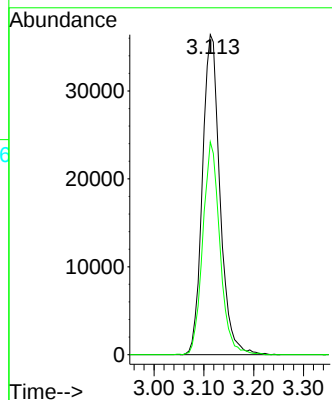
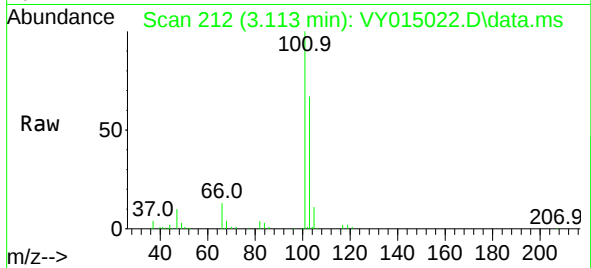




#7
 Trichlorofluoromethane
 Concen: 17.941 ug/l
 RT: 3.113 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY015022.D
 Acq: 10 Aug 2023 13:06

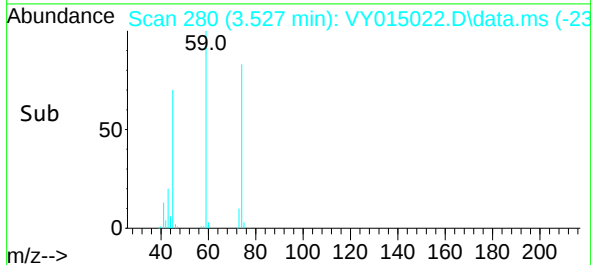
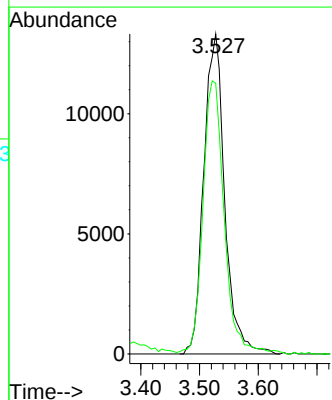
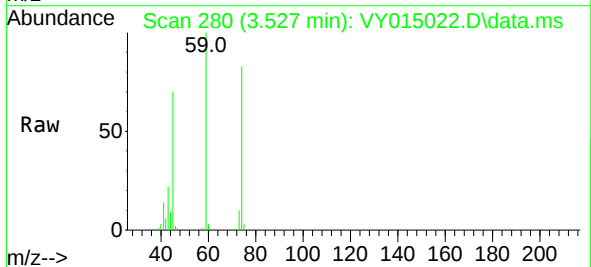
Instrument :
 MSVOA_Y
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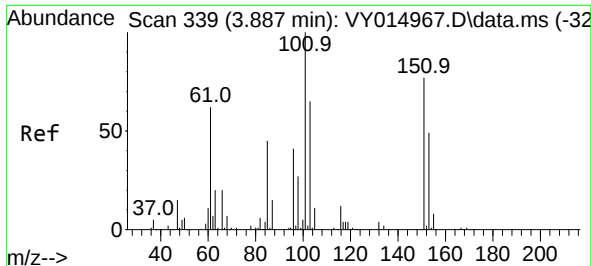
Tgt Ion:101 Resp: 88999
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.020 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015022.D
 Acq: 10 Aug 2023 13:06

Tgt Ion: 74 Resp: 32986
 Ion Ratio Lower Upper
 74 100
 45 85.0 51.5 154.5

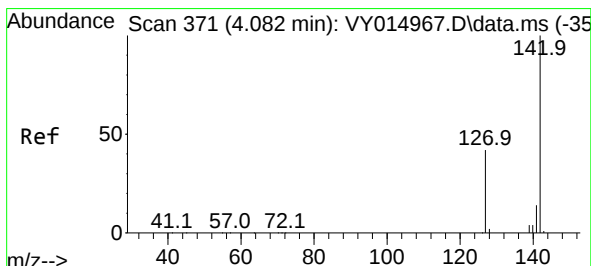
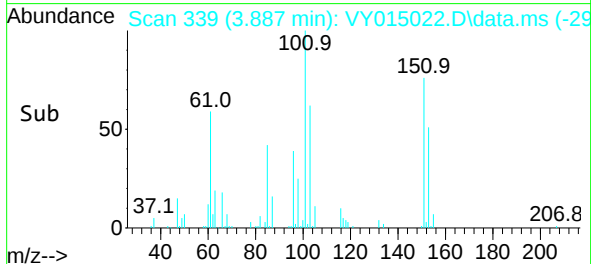
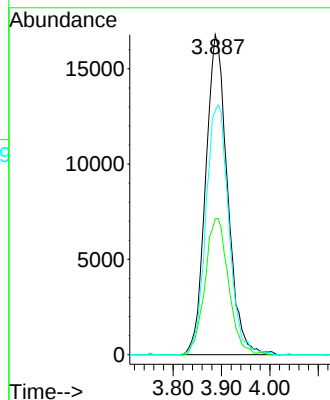
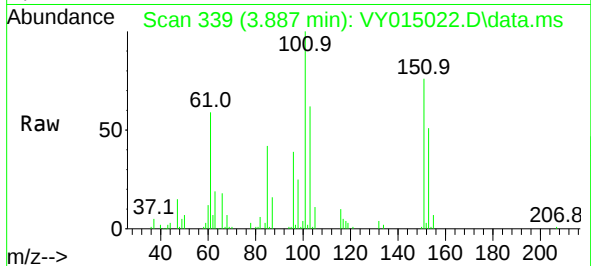




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.924 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

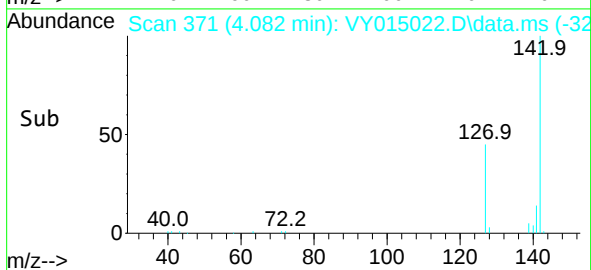
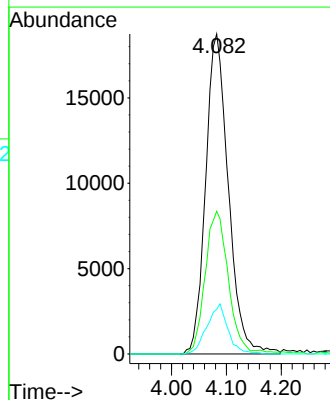
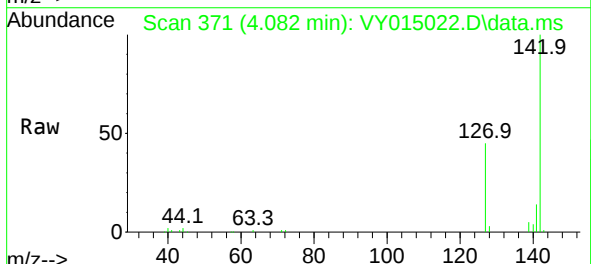
Instrument :
MSVOA_Y
ClientSampleId :

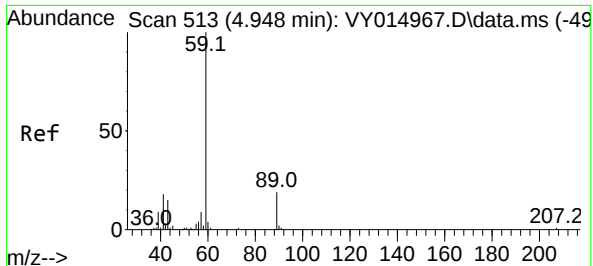
Tgt Ion:101 Resp: 52634
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 82.0 67.0 100.6



#10
Methyl Iodide
Concen: 17.756 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

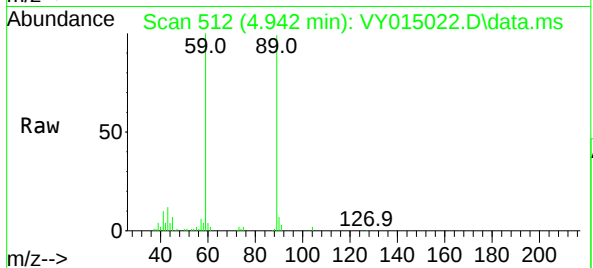
Tgt Ion:142 Resp: 53909
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.4 11.8 17.8



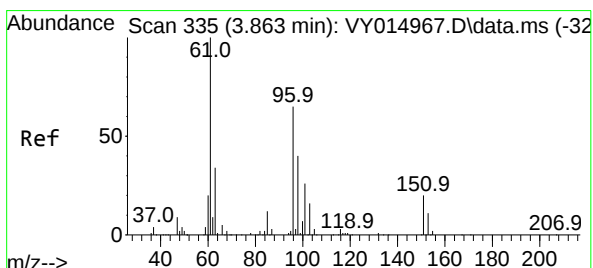
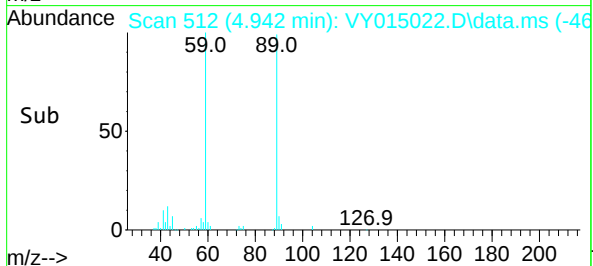
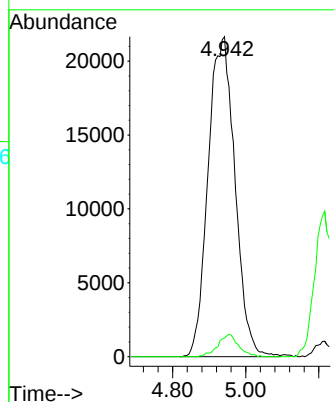


#11
Tert butyl alcohol
Concen: 116.557 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Instrument :
MSVOA_Y
ClientSampleId :

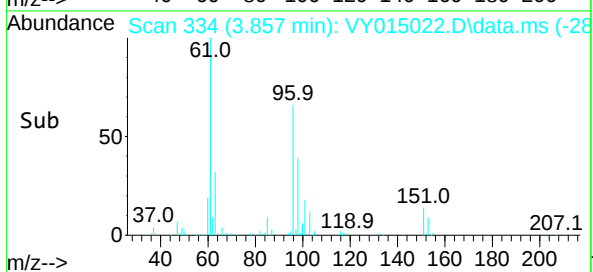
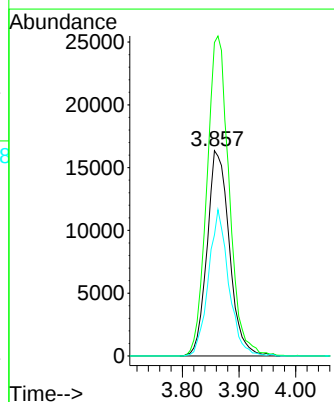
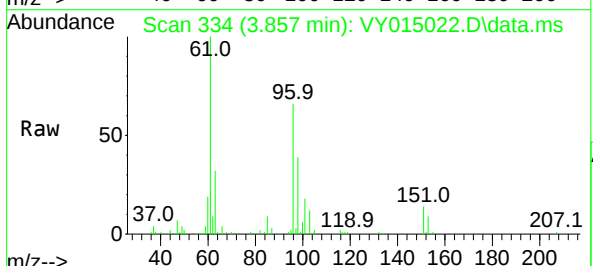


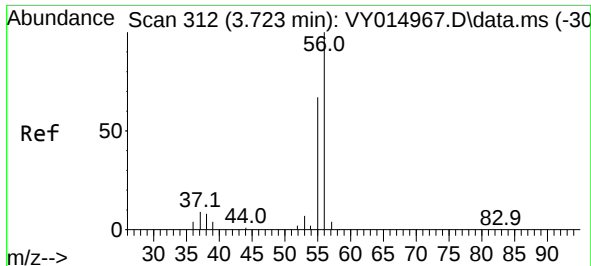
Tgt Ion: 59 Resp: 110366
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.429 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

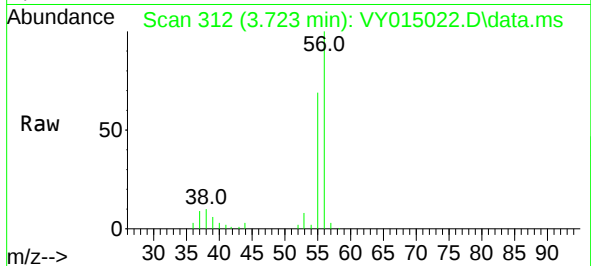
Tgt Ion: 96 Resp: 44595
Ion Ratio Lower Upper
96 100
61 152.7 136.4 204.6
98 58.9 49.4 74.2



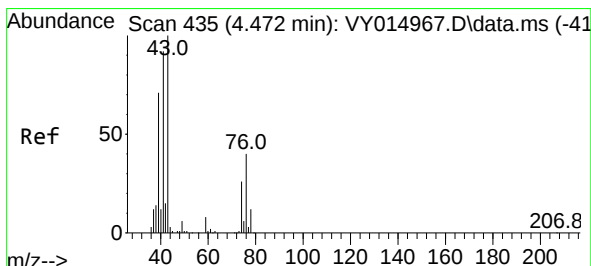
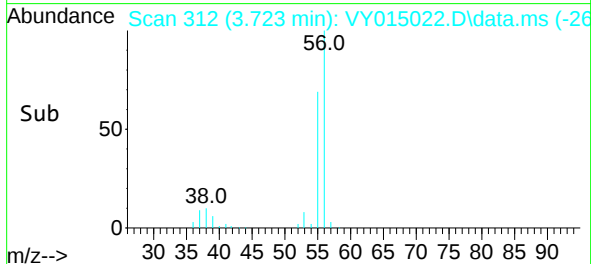
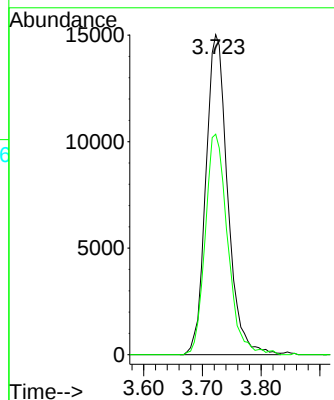


#13
Acrolein
Concen: 120.381 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Instrument :
MSVOA_Y
ClientSampleId :

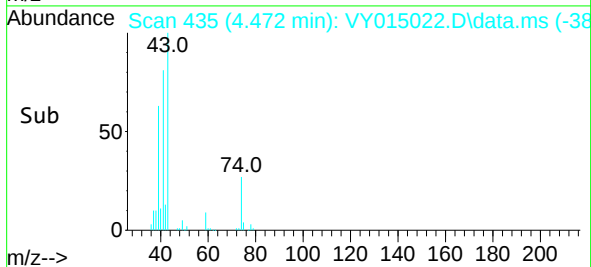
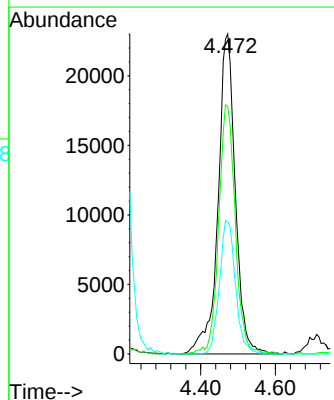
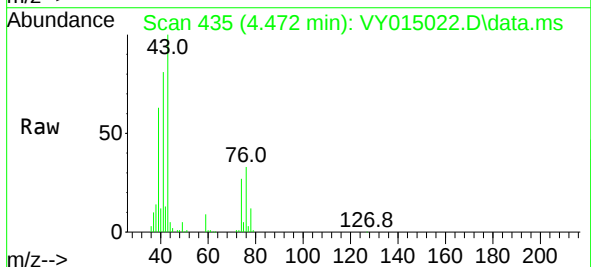


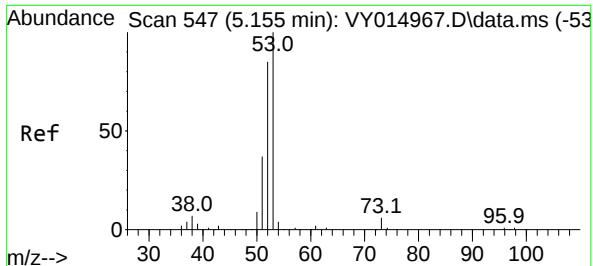
Tgt Ion: 56 Resp: 38777
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 17.393 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

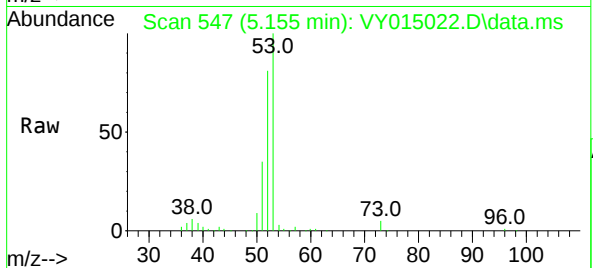
Tgt Ion: 41 Resp: 74106
Ion Ratio Lower Upper
41 100
39 74.6 58.0 87.0
76 38.5 27.4 41.2



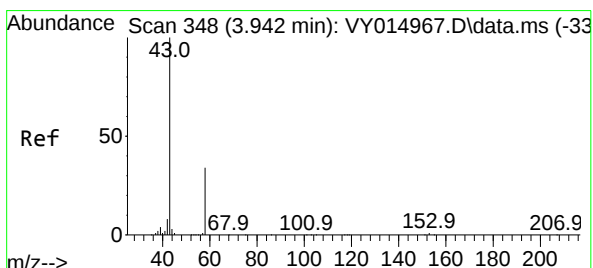
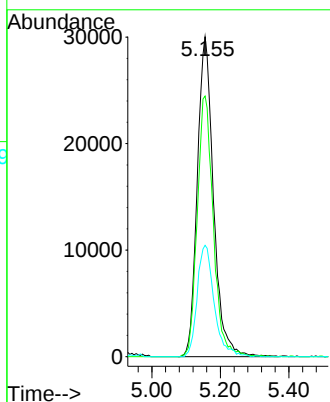
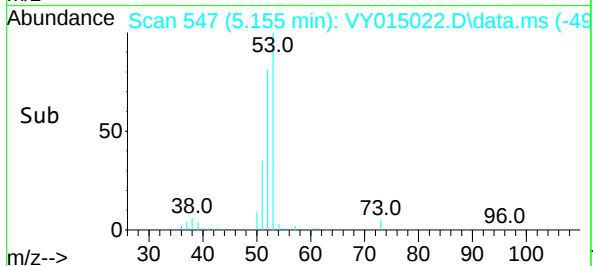


#15
Acrylonitrile
Concen: 88.470 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Instrument :
MSVOA_Y
ClientSampleId :

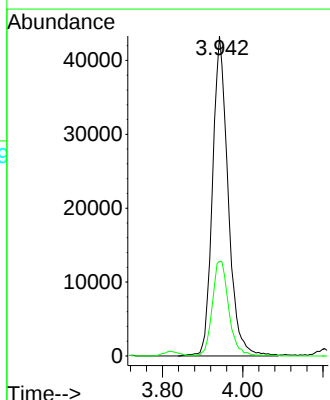
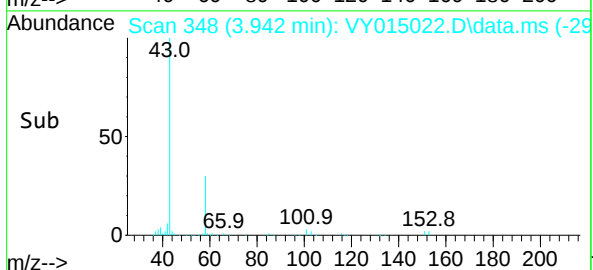
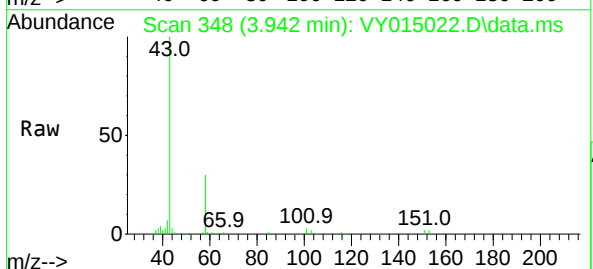


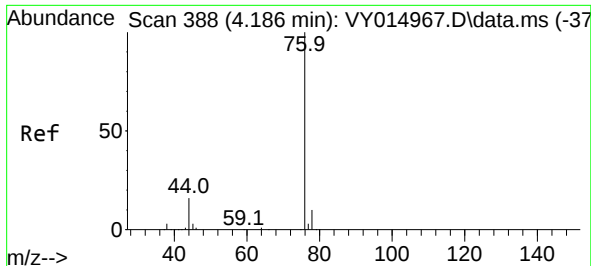
Tgt Ion: 53	Resp: 98936
Ion Ratio	Lower Upper
53 100	
52 80.5	66.9 100.3
51 36.5	29.8 44.6



#16
Acetone
Concen: 95.589 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 43	Resp: 116947
Ion Ratio	Lower Upper
43 100	
58 29.4	22.7 34.1

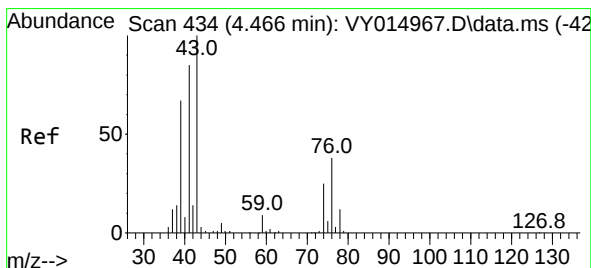
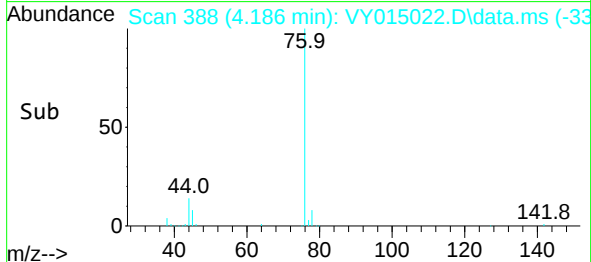
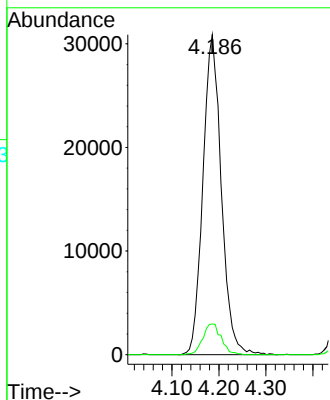
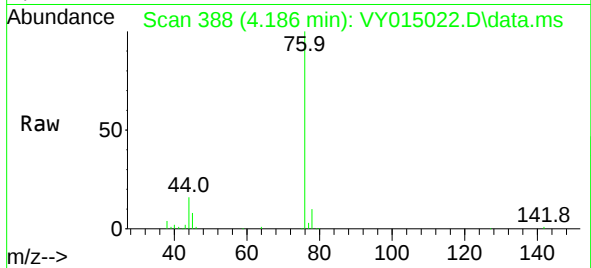




#17
Carbon Disulfide
Concen: 14.799 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

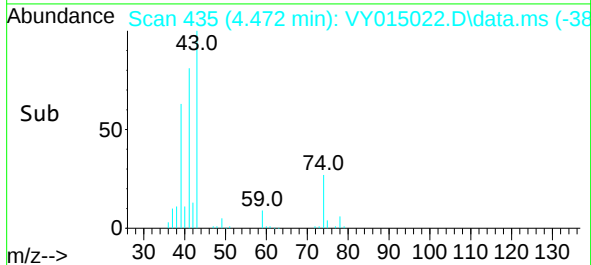
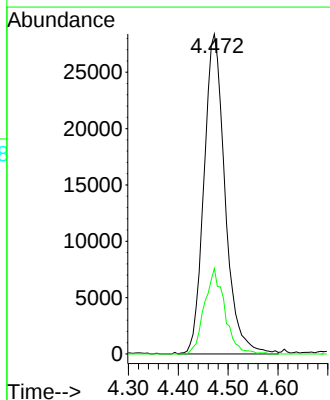
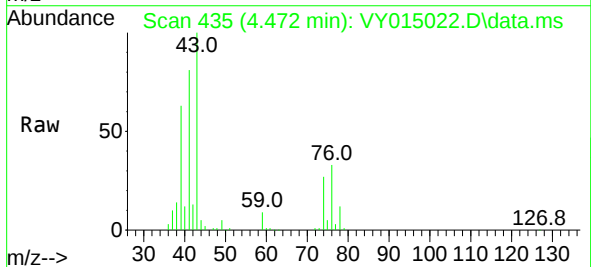
Instrument :
MSVOA_Y
ClientSampleId :

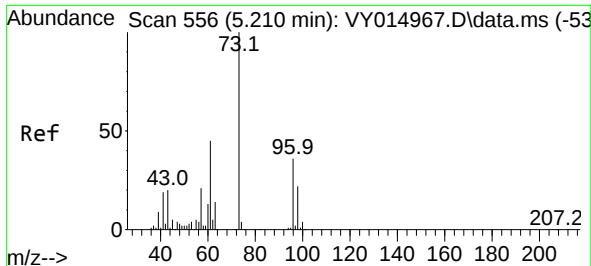
Tgt Ion: 76 Resp: 83717
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 18.735 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 43 Resp: 83472
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 18.078 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

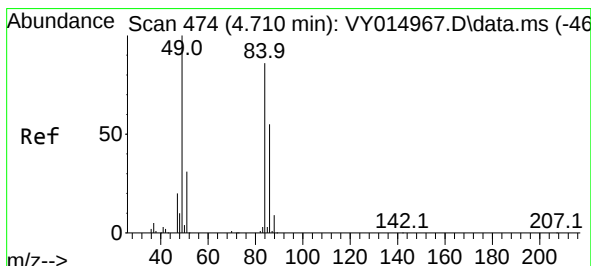
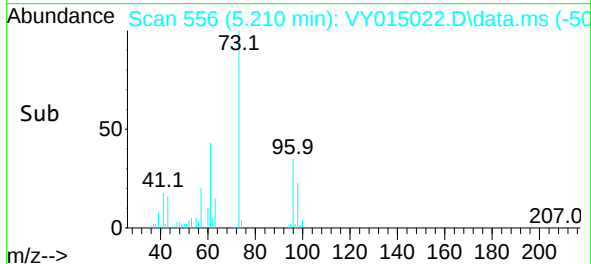
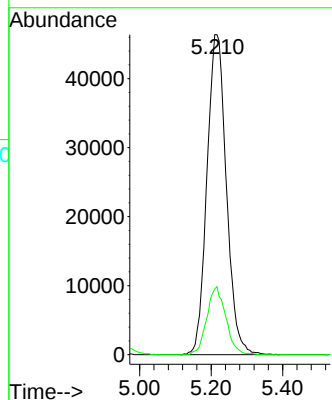
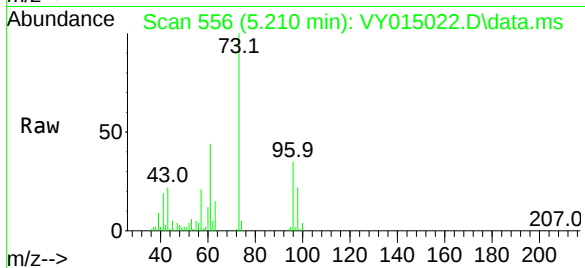
ClientSampleId :

Tgt Ion: 73 Resp: 174995

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 11.395 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Tgt Ion: 84 Resp: 105412

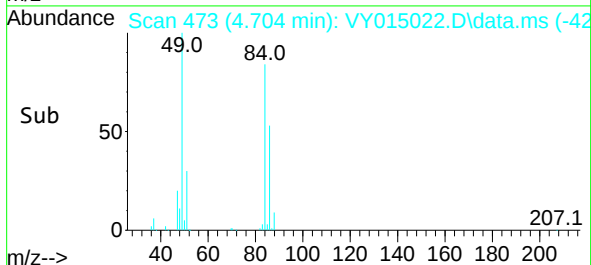
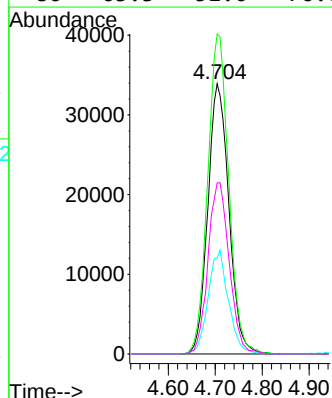
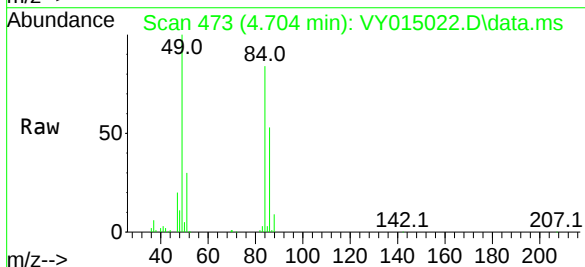
Ion Ratio Lower Upper

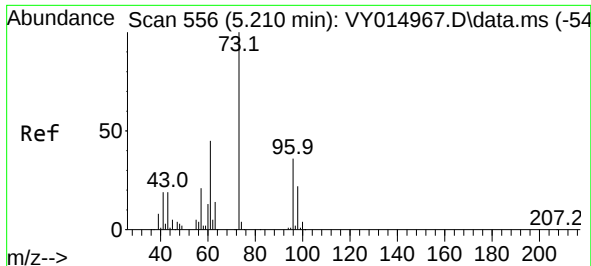
84 100

49 118.4 106.9 160.3

51 35.5 33.2 49.8

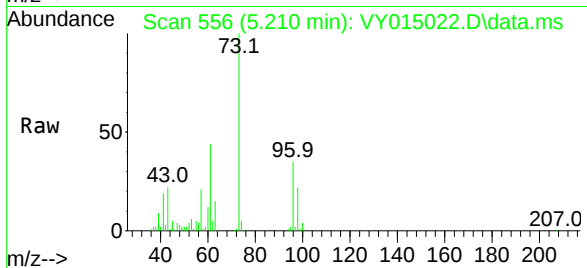
86 63.3 51.0 76.6



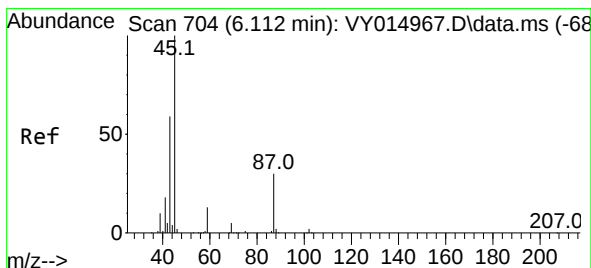
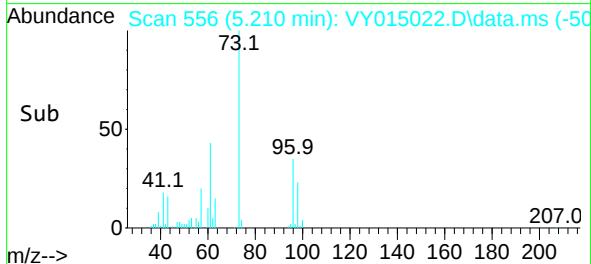
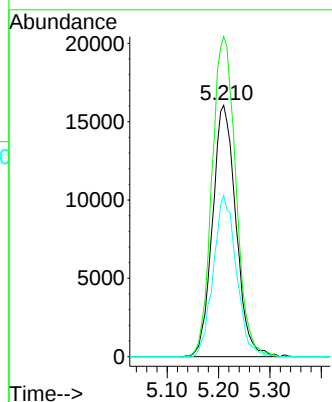


#21
trans-1,2-Dichloroethene
Concen: 17.394 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Instrument :
MSVOA_Y
ClientSampleId :

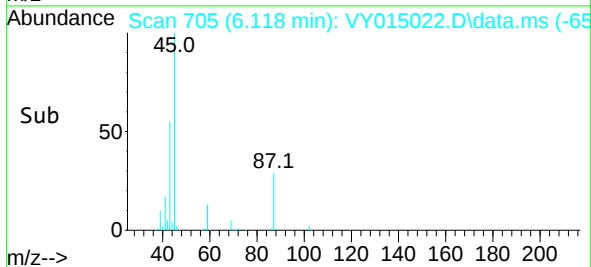
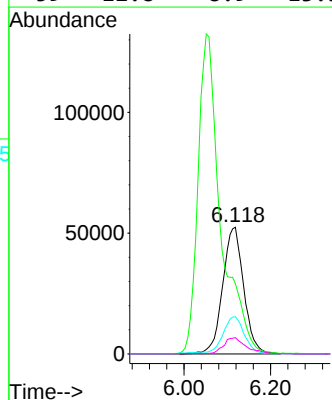
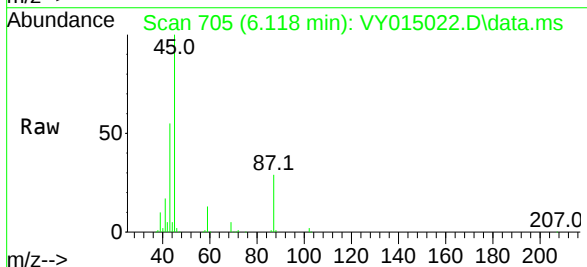


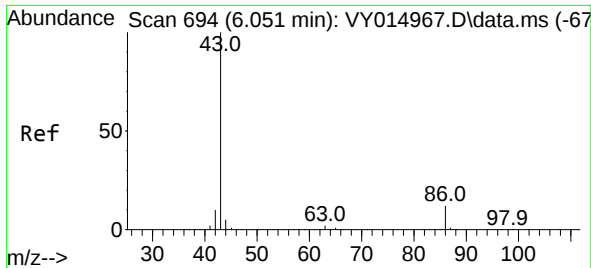
Tgt Ion: 96 Resp: 50728
Ion Ratio Lower Upper
96 100
61 127.3 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 17.884 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 45 Resp: 177494
Ion Ratio Lower Upper
45 100
43 55.0 52.2 78.4
87 29.3 21.0 31.6
59 12.8 8.9 13.3

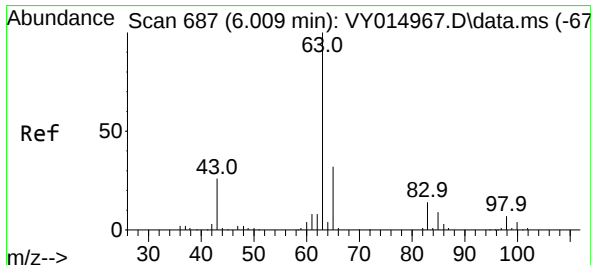
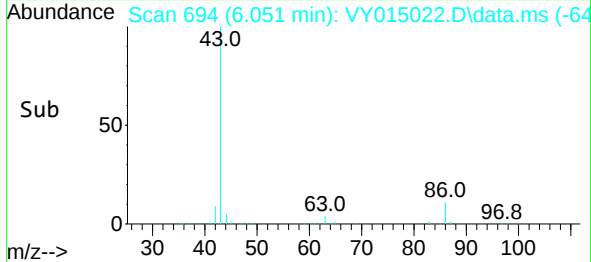
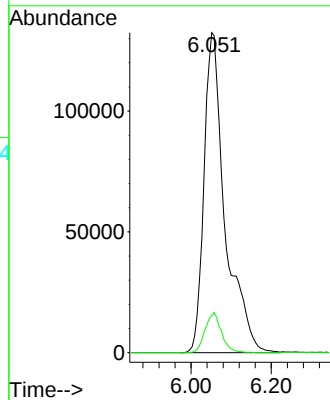
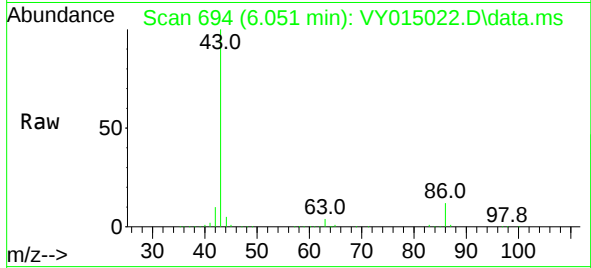




#23
Vinyl Acetate
Concen: 80.902 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

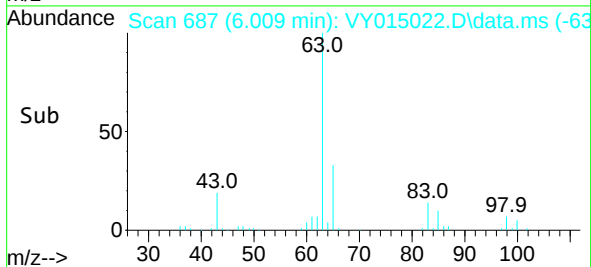
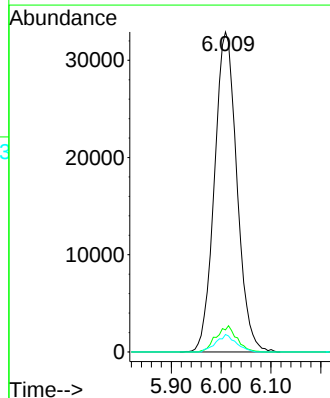
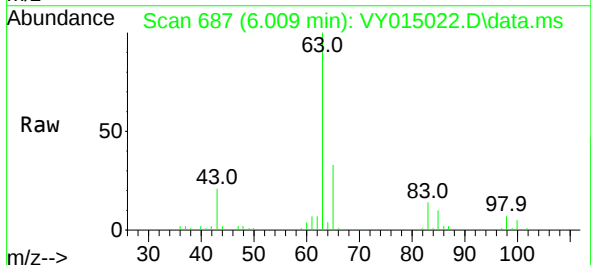
Instrument :
MSVOA_Y
ClientSampleId :

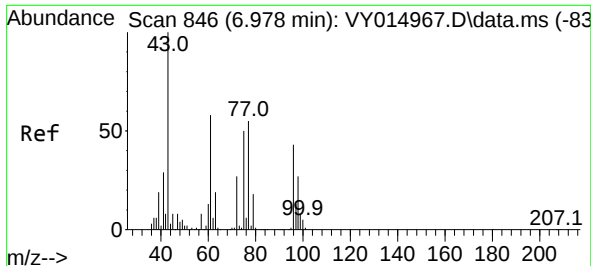
Tgt Ion: 43 Resp: 482658
Ion Ratio Lower Upper
43 100
86 11.5 7.5 11.3#



#24
1,1-Dichloroethane
Concen: 18.294 ug/l
RT: 6.009 min Scan# 687
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 63 Resp: 102985
Ion Ratio Lower Upper
63 100
98 6.9 3.1 9.4
100 5.4 1.8 5.5

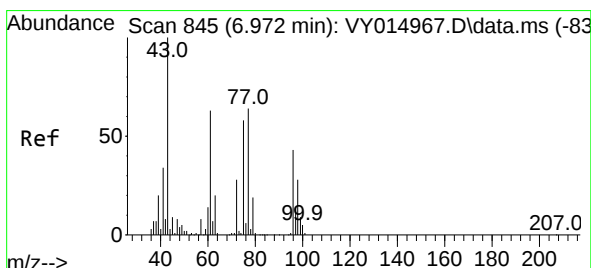
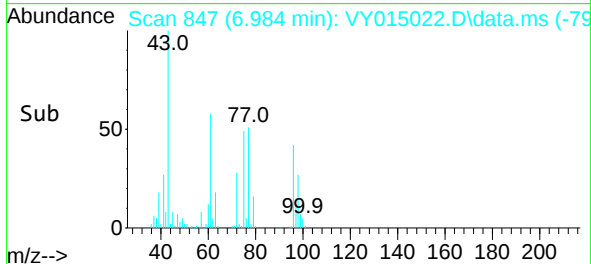
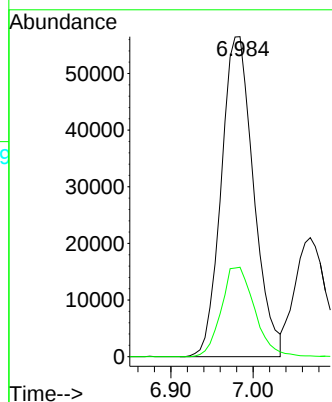
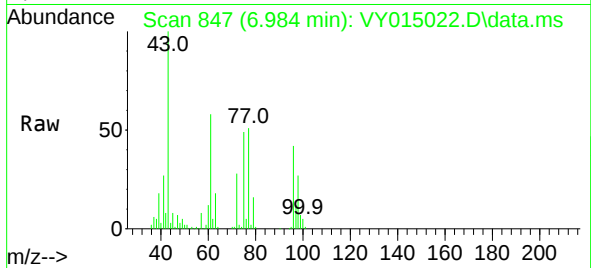




#25
2-Butanone
Concen: 88.306 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

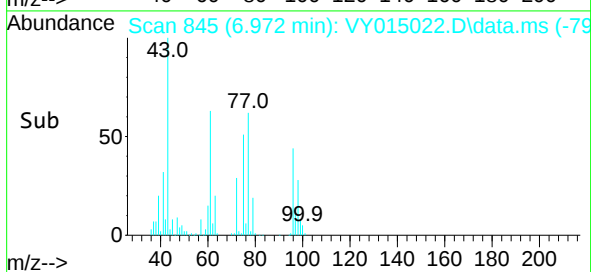
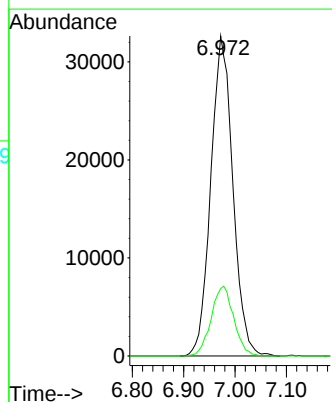
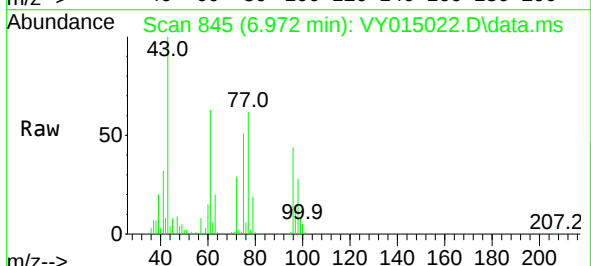
Instrument :
MSVOA_Y
ClientSampleId :

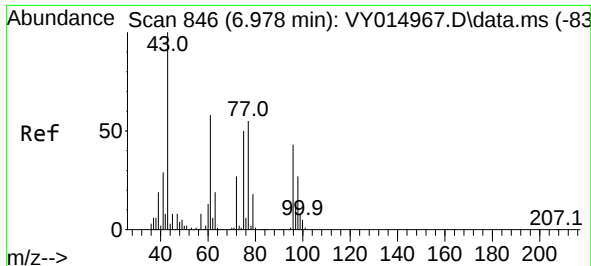
Tgt Ion: 43 Resp: 154741
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 17.038 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

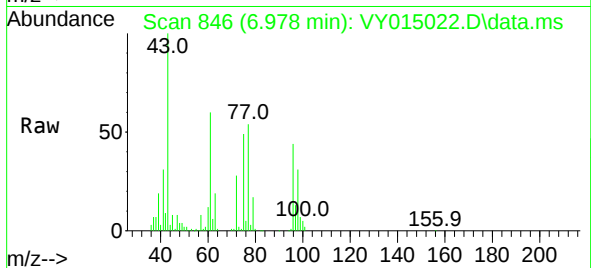
Tgt Ion: 77 Resp: 97050
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9





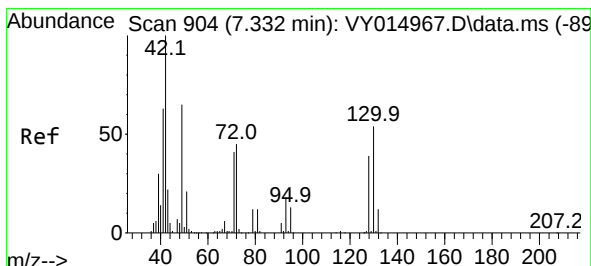
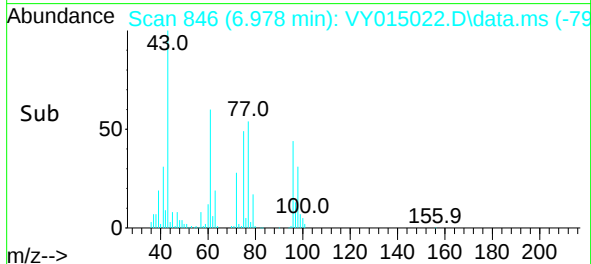
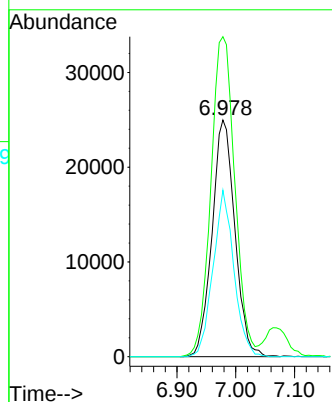
#27
 cis-1,2-Dichloroethene
 Concen: 18.271 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY015022.D
 Acq: 10 Aug 2023 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 67433

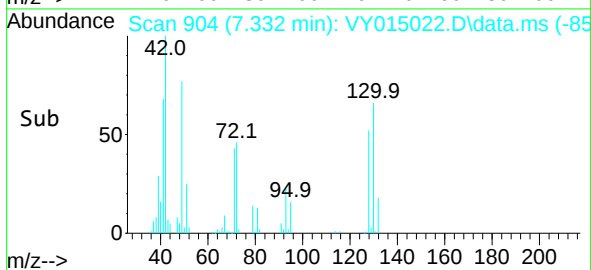
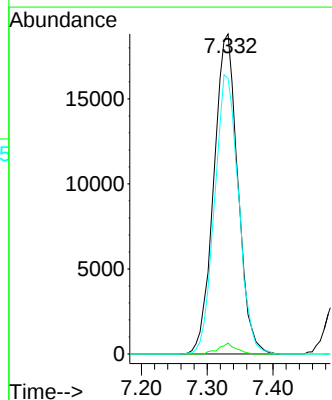
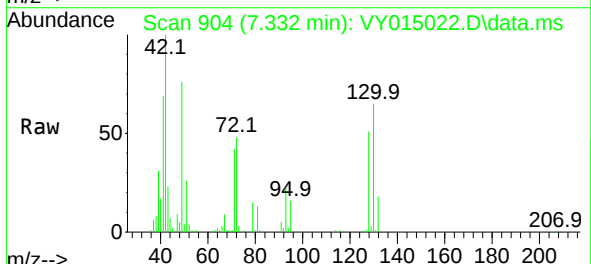
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	301.4
98	64.2	0.0	130.4

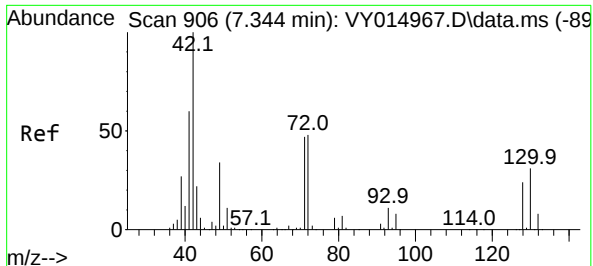


#28
 Bromochloromethane
 Concen: 18.834 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015022.D
 Acq: 10 Aug 2023 13:06

Tgt Ion: 49 Resp: 47794

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	87.3	60.7	91.1





#29

Tetrahydrofuran

Concen: 83.644 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015022.D

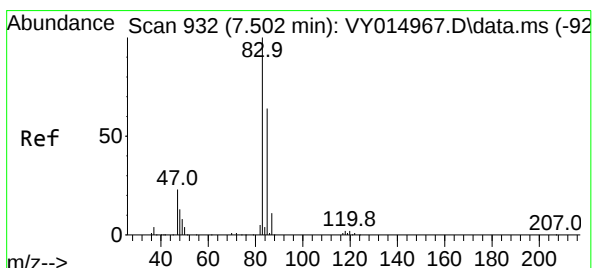
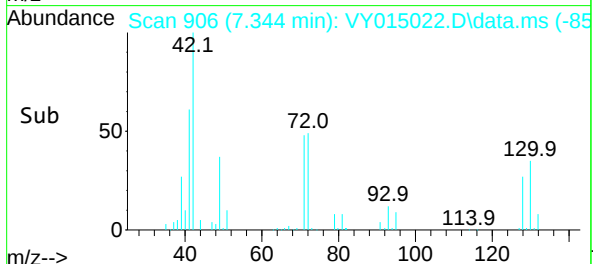
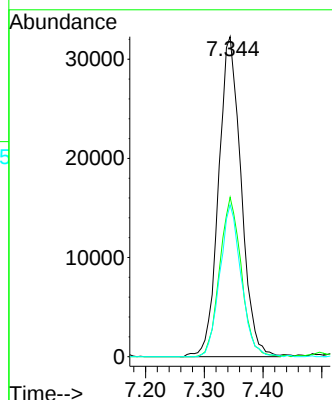
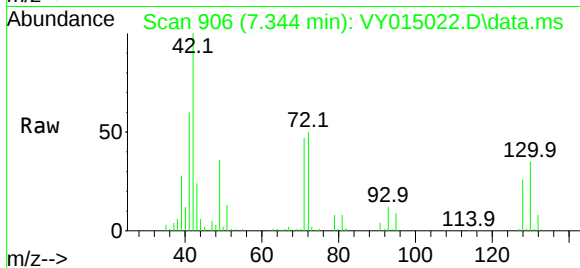
Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 85953
Ion Ratio	Lower Upper
42	100
72	47.8 32.8 49.2
71	44.9 31.0 46.4



#30

Chloroform

Concen: 18.673 ug/l

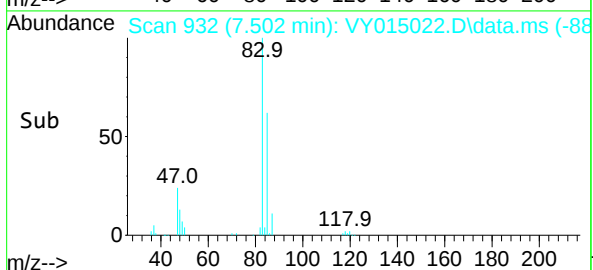
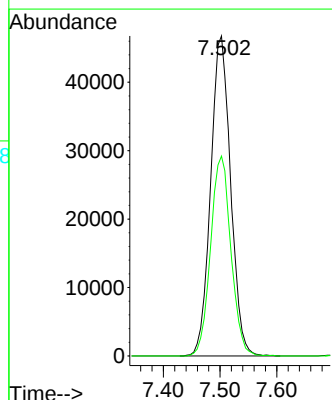
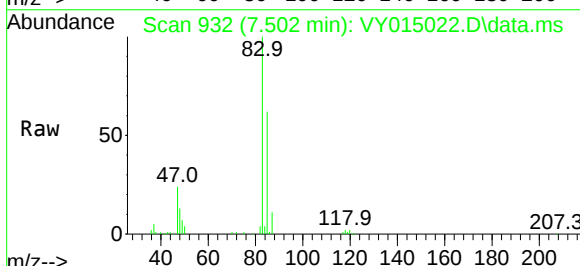
RT: 7.502 min Scan# 932

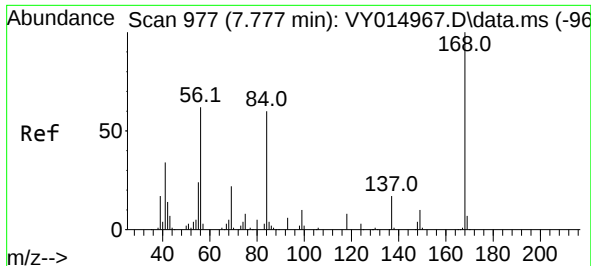
Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

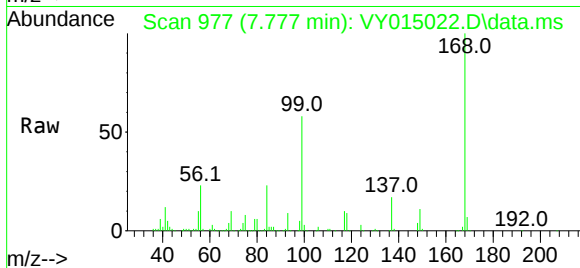
Tgt Ion: 83	Resp: 114187
Ion Ratio	Lower Upper
83	100
85	62.5 49.7 74.5



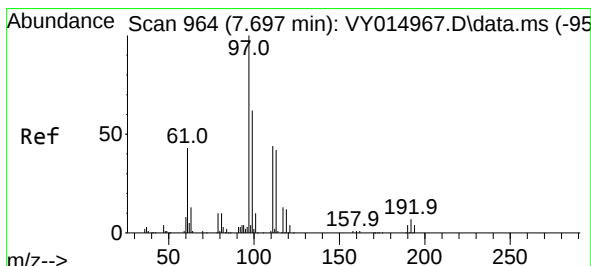
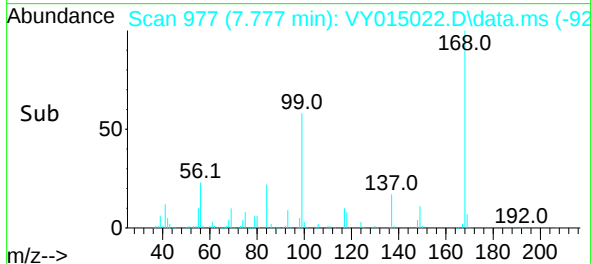
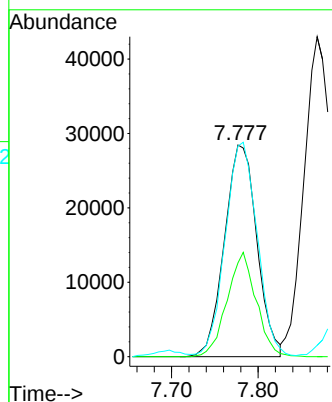


#31
Cyclohexane
Concen: 15.844 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Instrument :
MSVOA_Y
ClientSampleId :

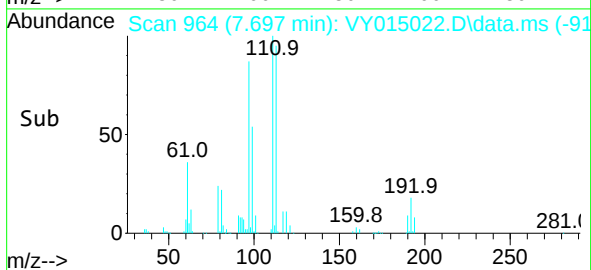
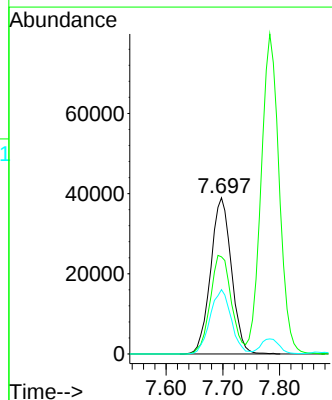
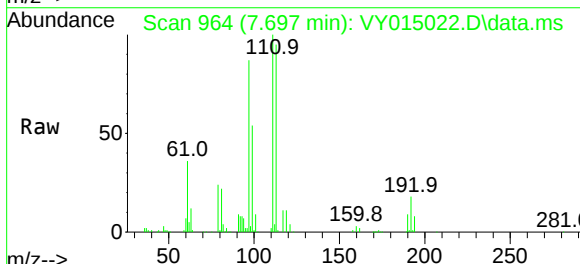


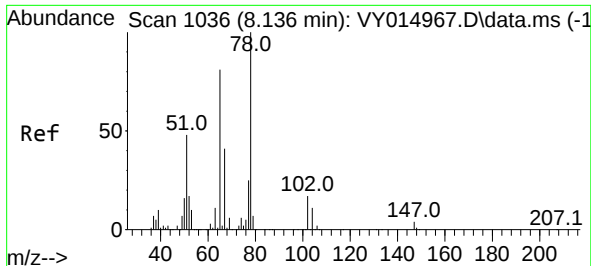
Tgt Ion: 56 Resp: 74043
Ion Ratio Lower Upper
56 100
69 44.3 27.8 41.6#
84 97.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.421 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 97 Resp: 99273
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.017 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

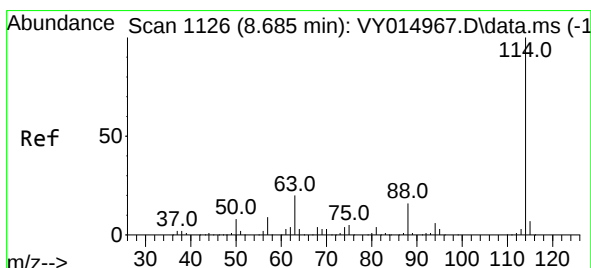
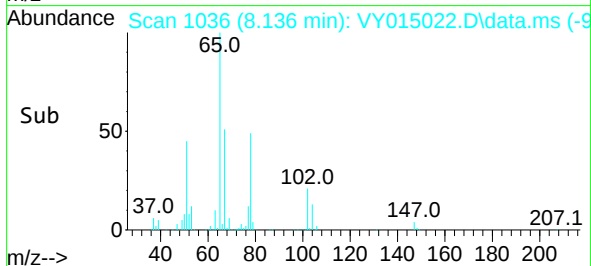
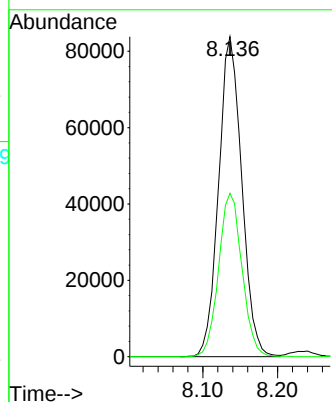
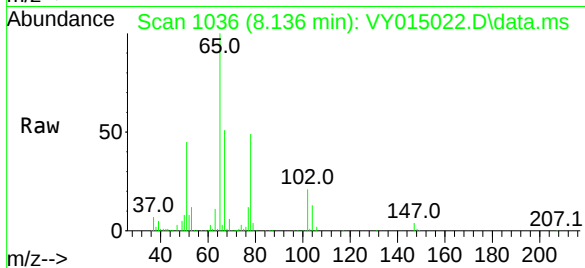
ClientSampleId :

Tgt Ion: 65 Resp: 180542

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

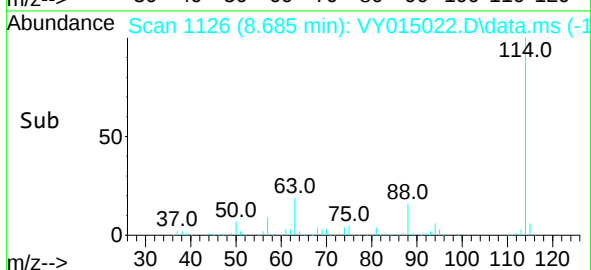
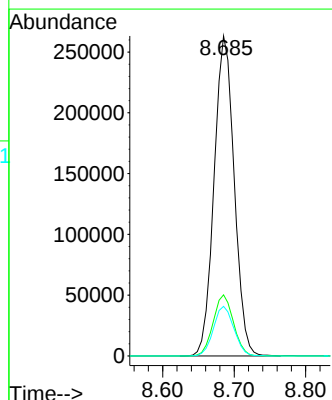
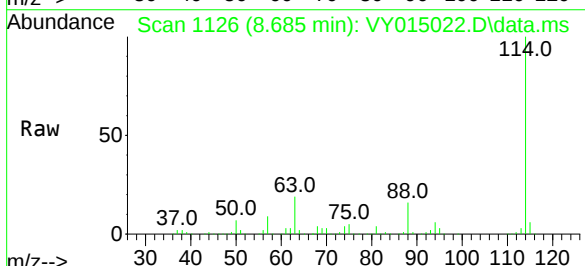
Tgt Ion: 114 Resp: 514962

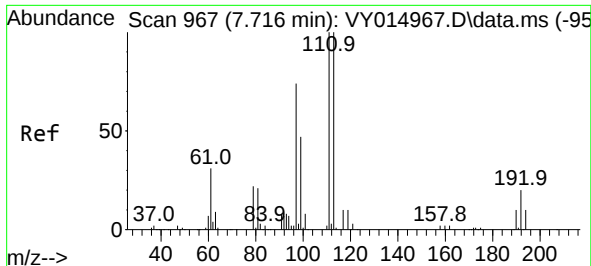
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.5 0.0 30.6

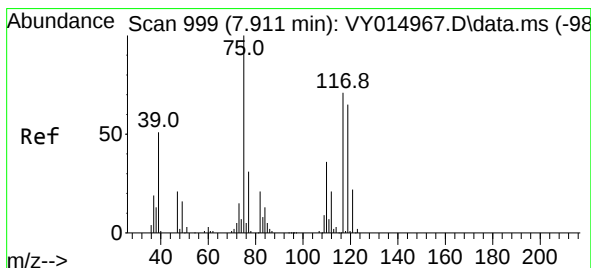
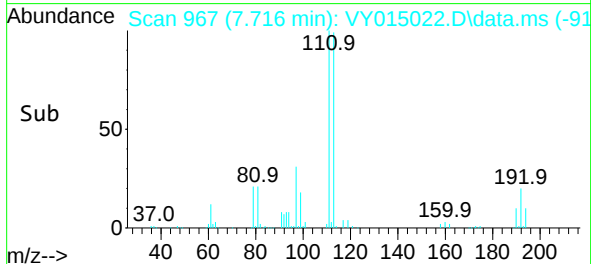
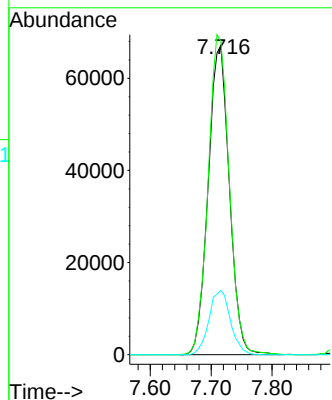
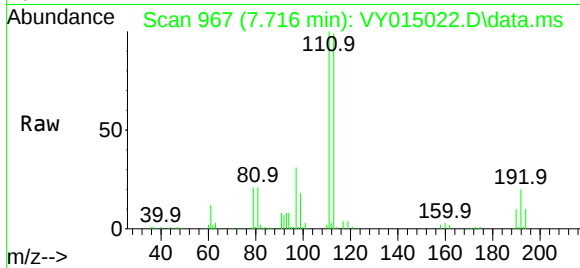




#35
Dibromofluoromethane
Concen: 49.312 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

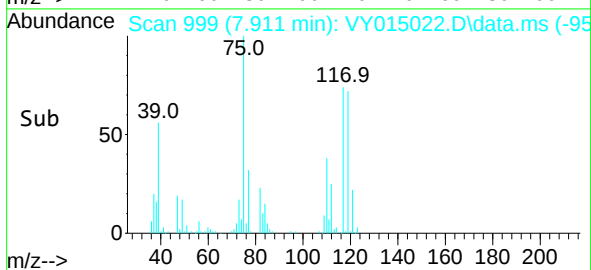
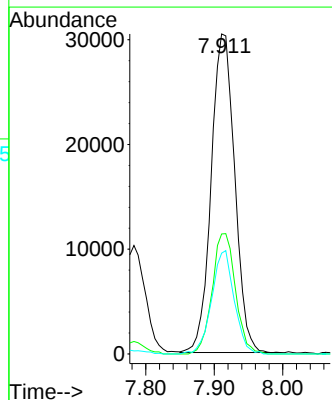
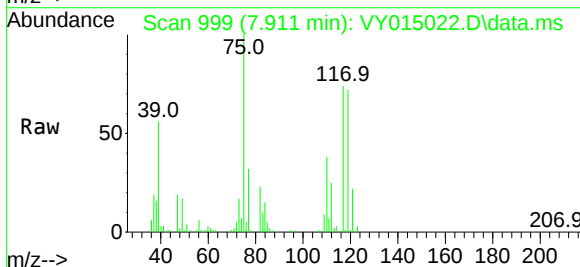
Instrument :
MSVOA_Y
ClientSampleId :

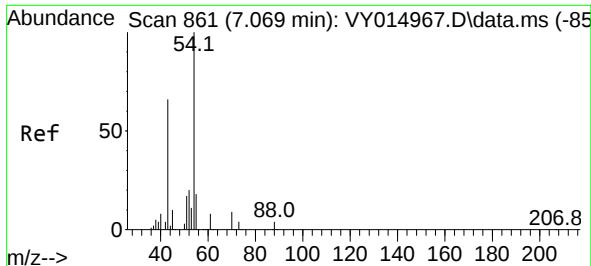
Tgt Ion:113 Resp: 162387
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.722 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 75 Resp: 72456
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.1 24.4 36.6

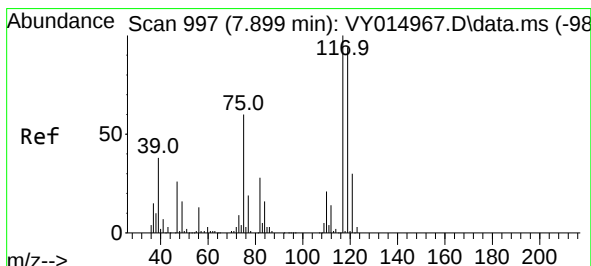
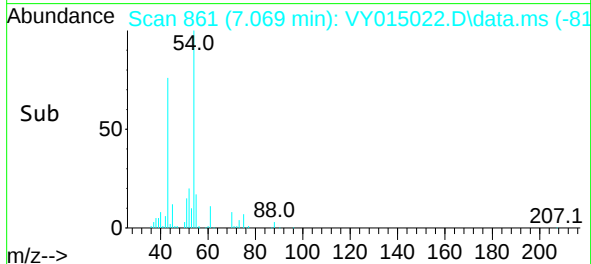
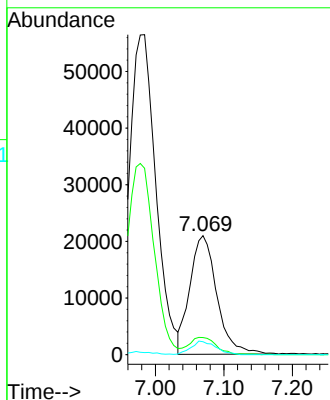
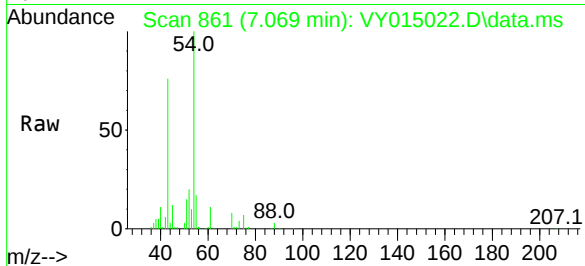




#37
Ethyl Acetate
Concen: 17.713 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

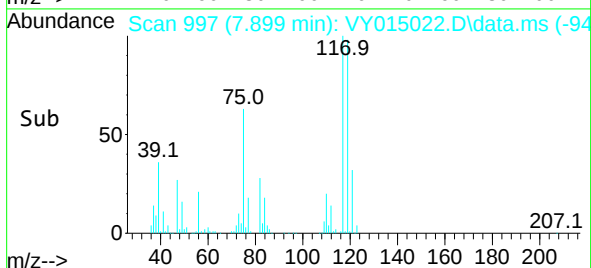
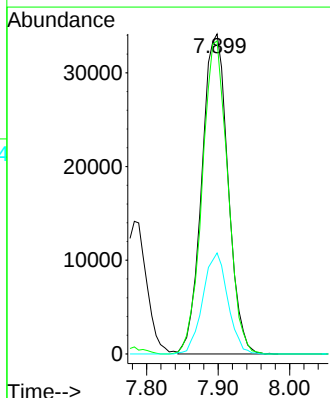
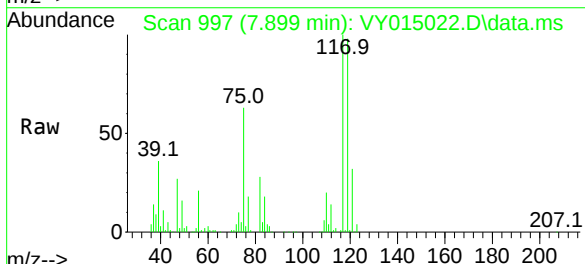
Instrument :
MSVOA_Y
ClientSampleId :

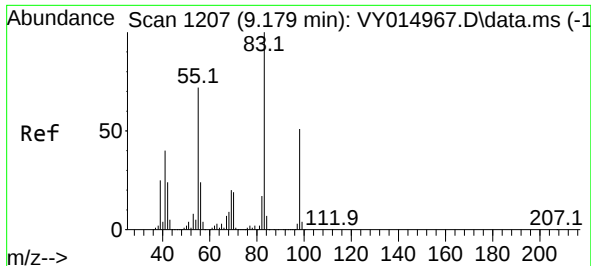
Tgt Ion: 43 Resp: 57483
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.891 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 117 Resp: 86827
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6
121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 17.182 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

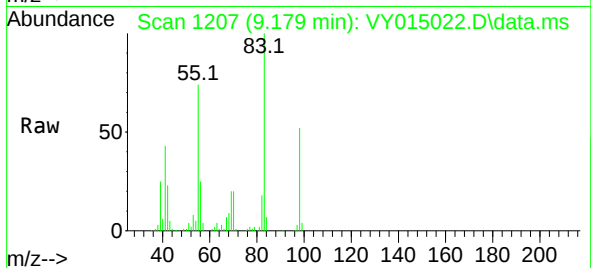
Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

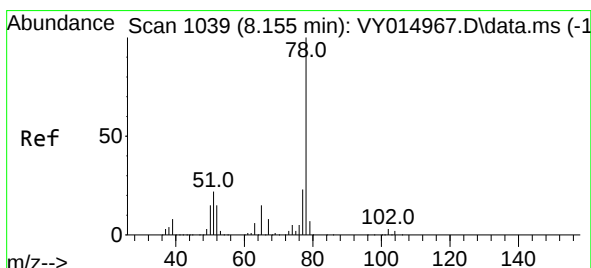
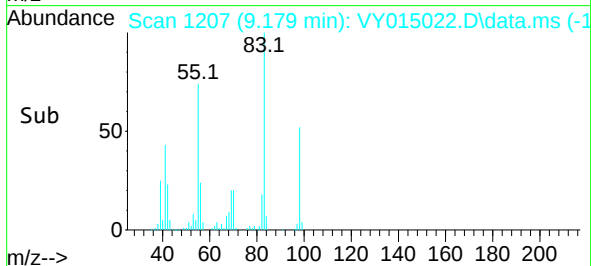
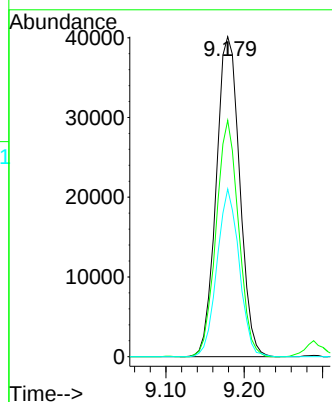
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	83538
Ion	Ratio	Lower	Upper
83	100		
55	73.8	63.0	94.4
98	52.4	37.4	56.2



#40

Benzene

Concen: 18.321 ug/l

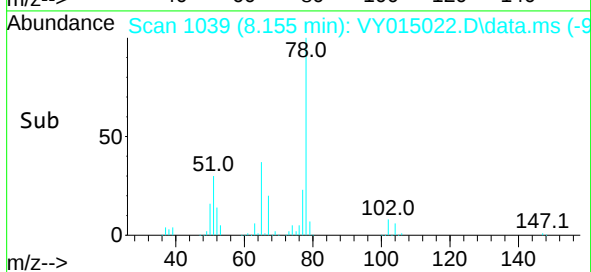
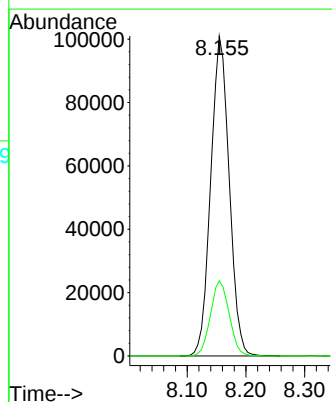
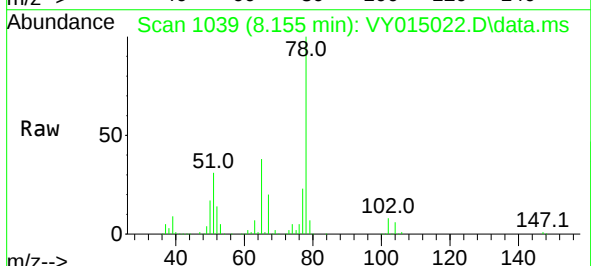
RT: 8.155 min Scan# 1039

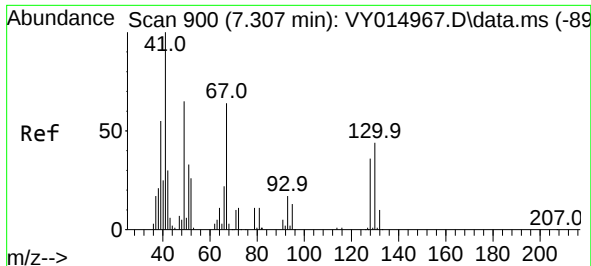
Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

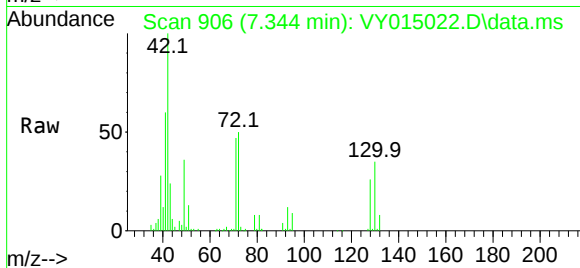
Tgt Ion:	78	Resp:	220568
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6



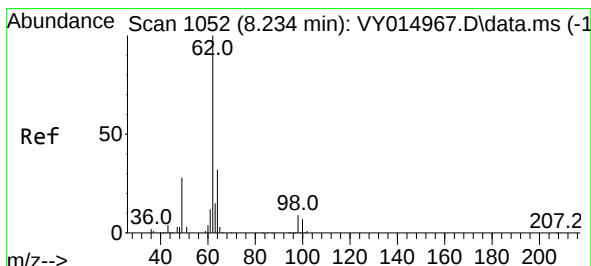
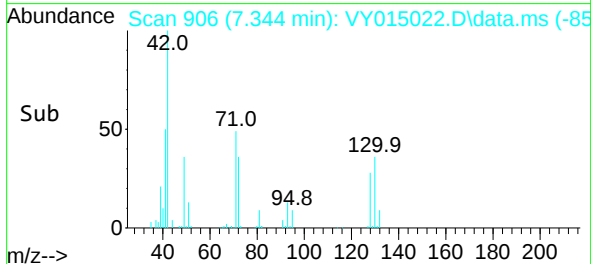
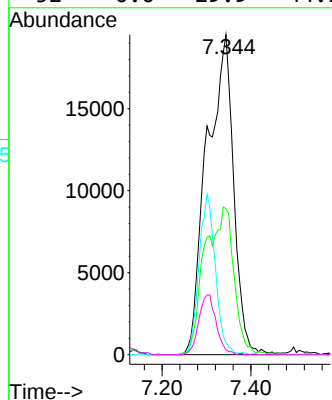


#41
Methacrylonitrile
Concen: 51.465 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Instrument :
MSVOA_Y
ClientSampleId :

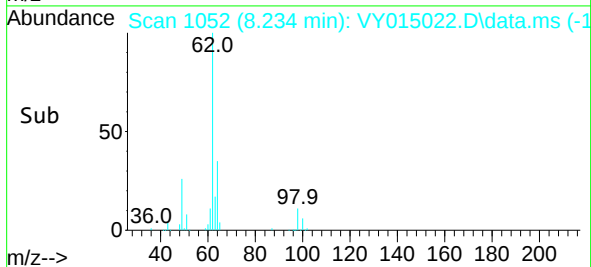
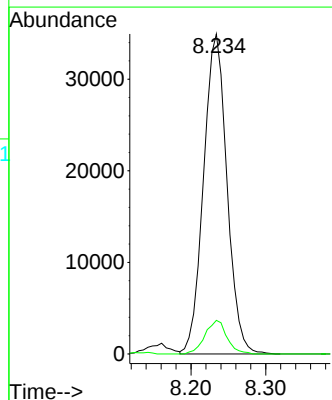
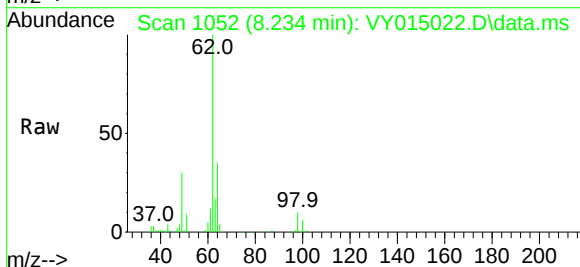


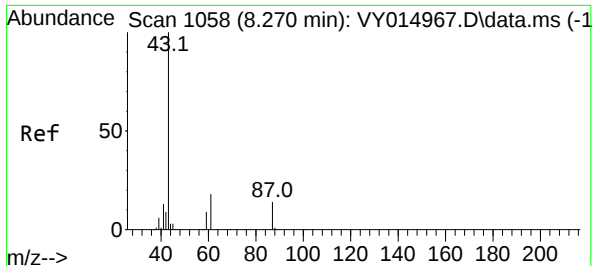
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 18.166 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

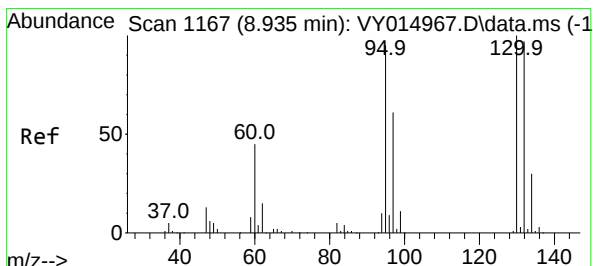
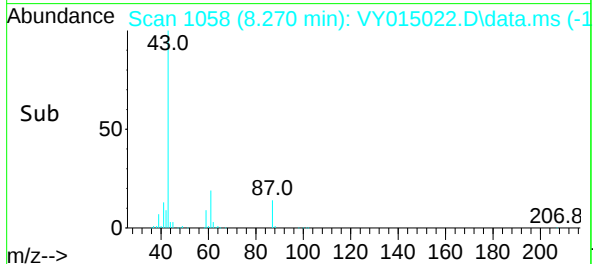
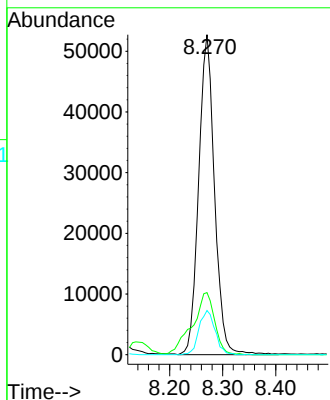
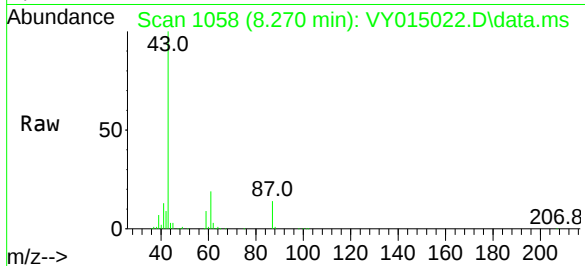




#43
Isopropyl Acetate
Concen: 18.150 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

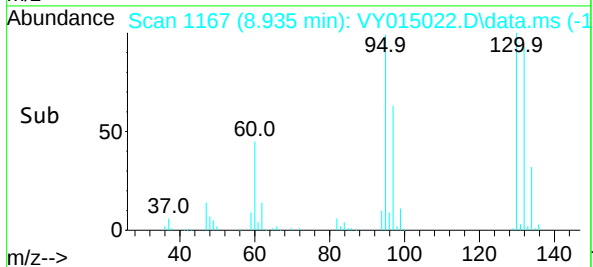
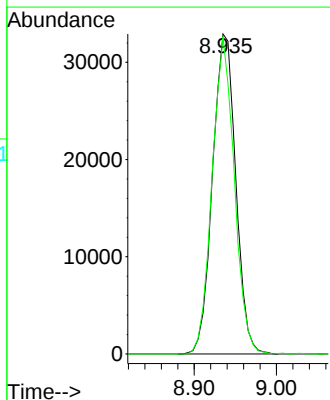
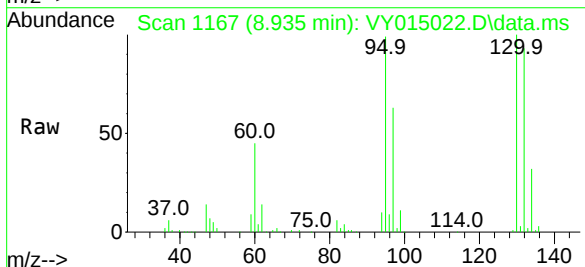
Instrument :
MSVOA_Y
ClientSampleId :

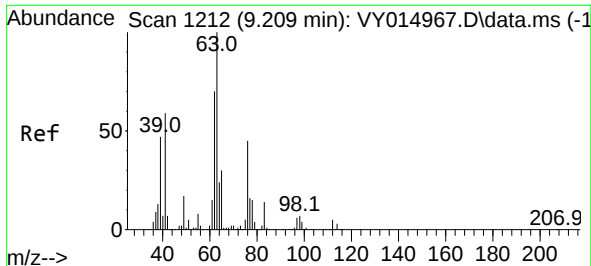
Tgt Ion: 43 Resp: 109434
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 18.674 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion:130 Resp: 64507
Ion Ratio Lower Upper
130 100
95 98.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.649 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

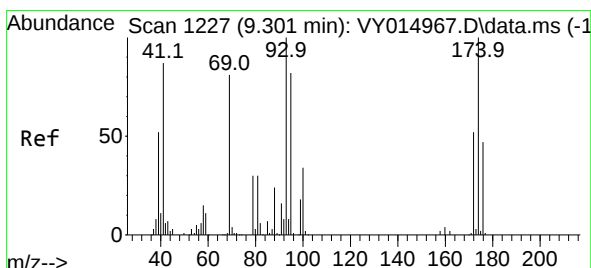
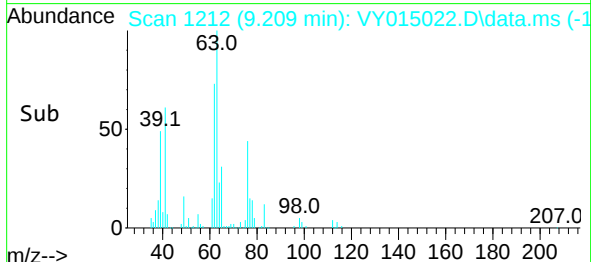
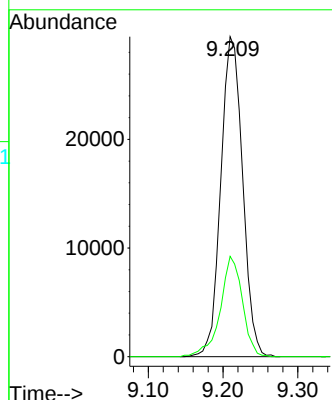
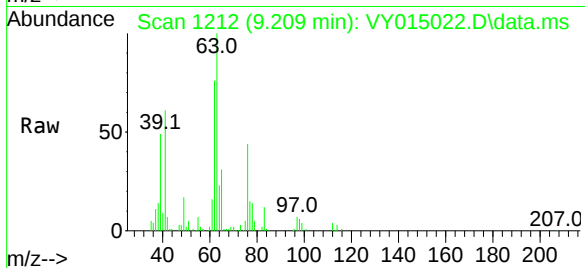
ClientSampleId :

Tgt Ion: 63 Resp: 59667

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 18.506 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

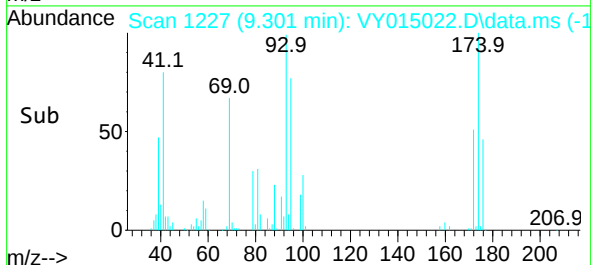
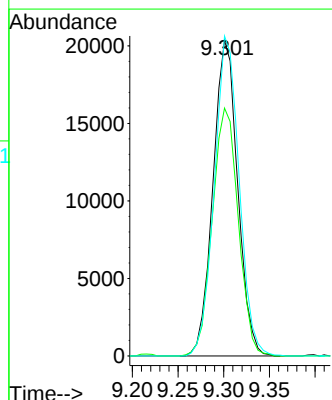
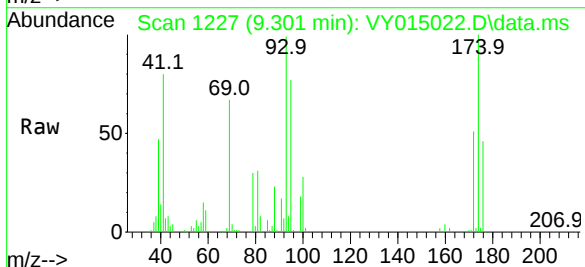
Tgt Ion: 93 Resp: 38144

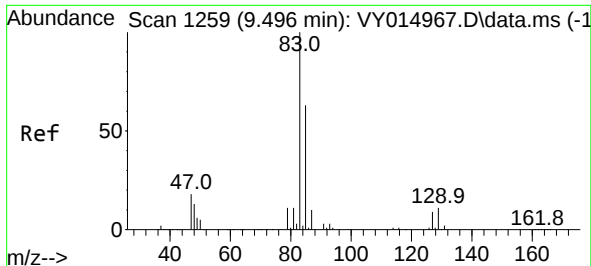
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 102.2 84.8 127.2





#47

Bromodichloromethane

Concen: 19.014 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY015022.D

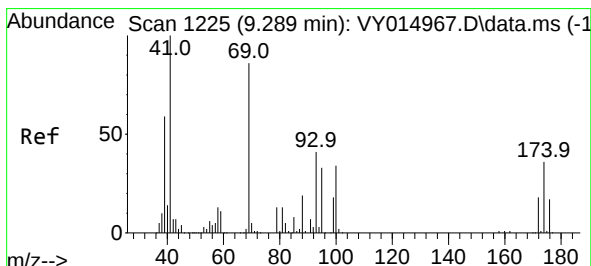
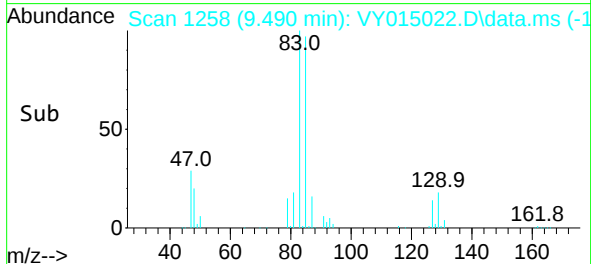
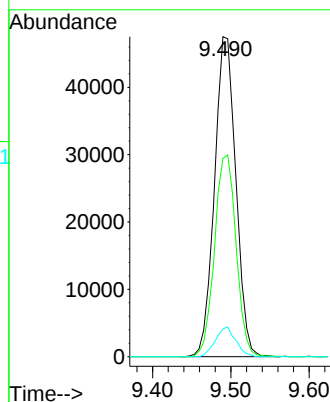
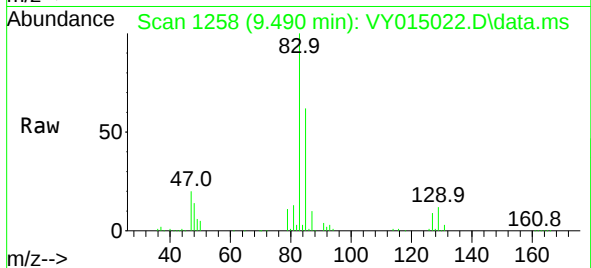
Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 90246
Ion Ratio	Lower Upper
83	100
85	61.9 50.1 75.1
127	8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 17.737 ug/l

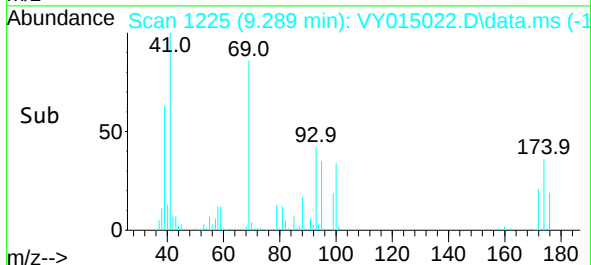
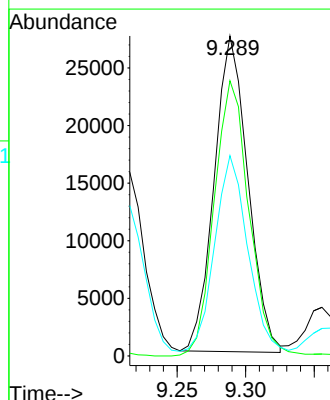
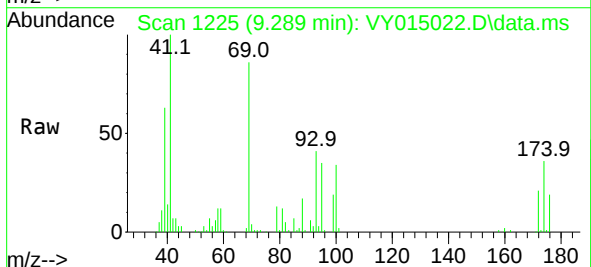
RT: 9.289 min Scan# 1225

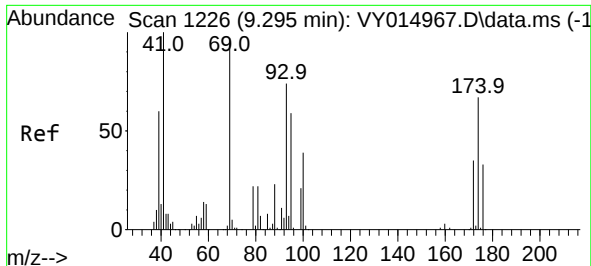
Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Tgt Ion: 41	Resp: 46922
Ion Ratio	Lower Upper
41	100
69	90.4 64.5 96.7
39	64.1 50.8 76.2





#49

1,4-Dioxane

Concen: 346.552 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

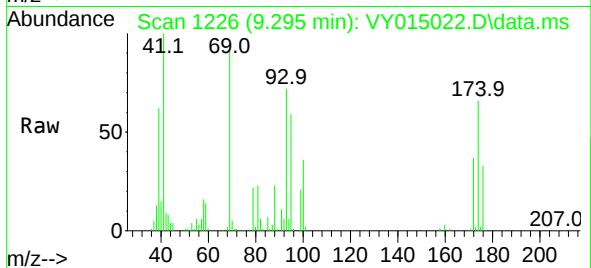
Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :



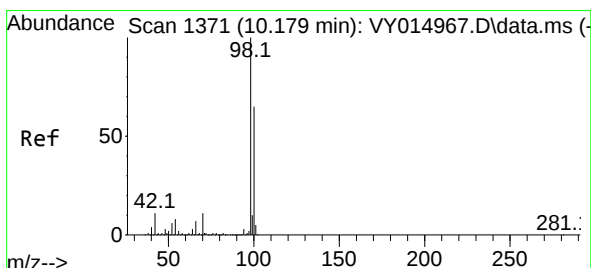
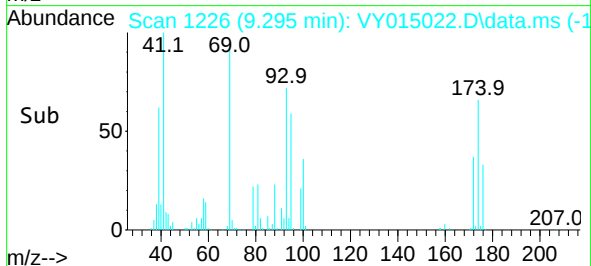
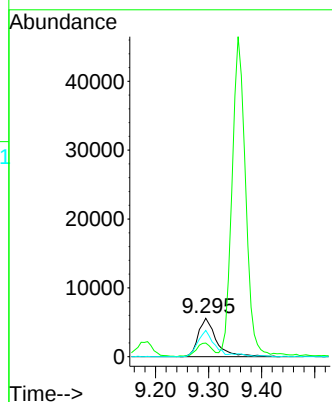
Tgt Ion: 88 Resp: 13286

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 60.3 30.9 46.3#



#50

Toluene-d8

Concen: 47.837 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015022.D

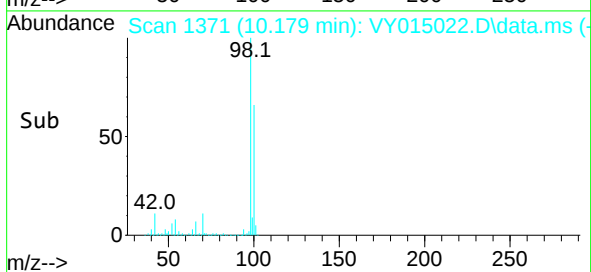
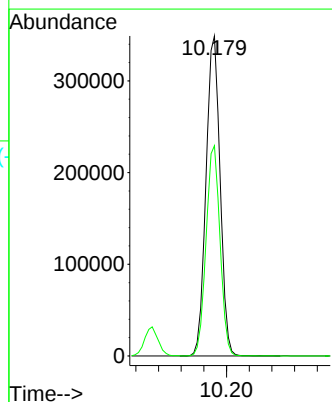
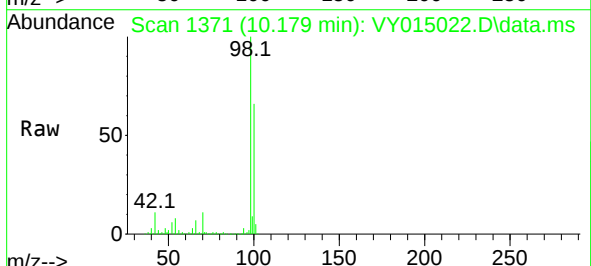
Acq: 10 Aug 2023 13:06

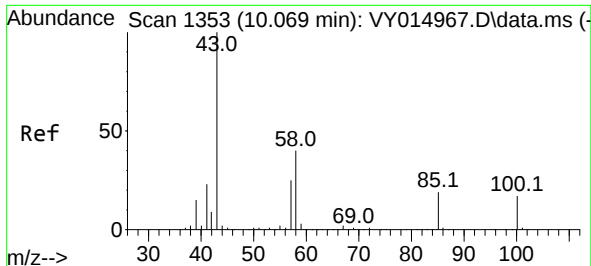
Tgt Ion: 98 Resp: 599603

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 89.877 ug/l

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

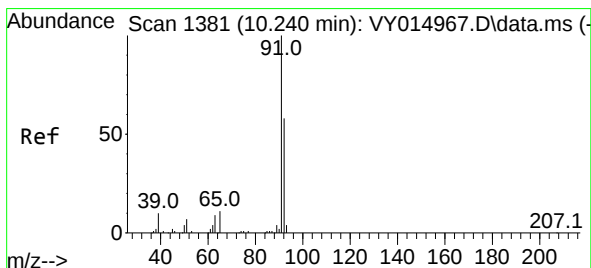
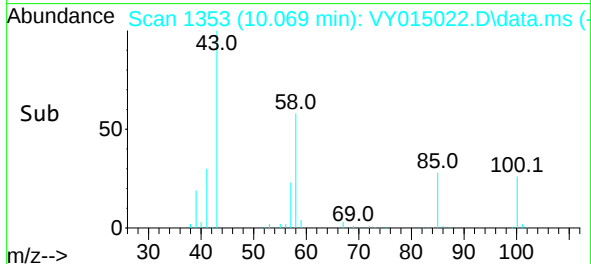
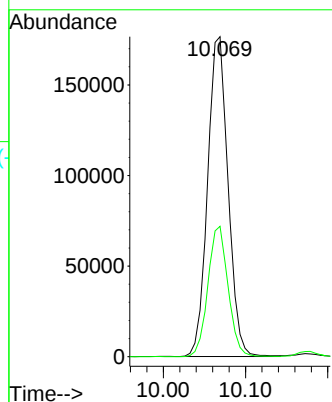
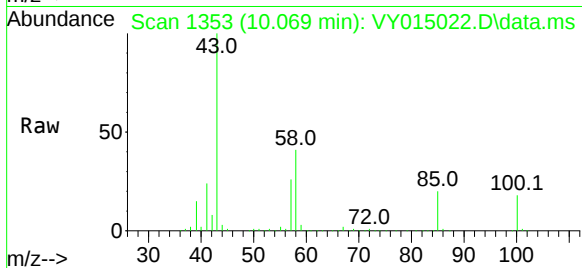
ClientSampleId :

Tgt Ion: 43 Resp: 305382

Ion Ratio Lower Upper

43 100

58 40.2 29.0 43.6



#52

Toluene

Concen: 18.566 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015022.D

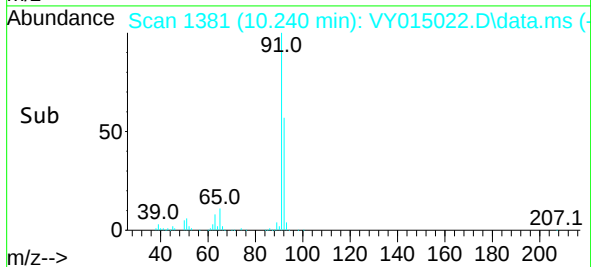
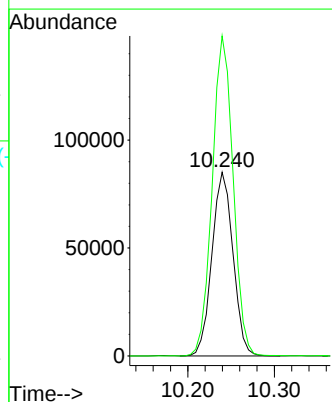
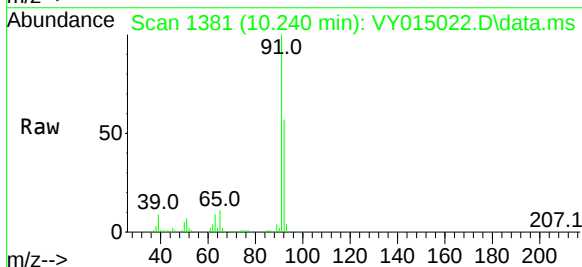
Acq: 10 Aug 2023 13:06

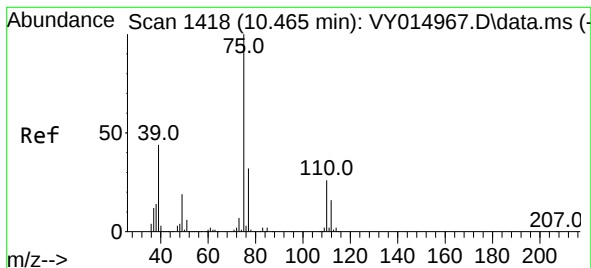
Tgt Ion: 92 Resp: 143833

Ion Ratio Lower Upper

92 100

91 172.8 143.8 215.6

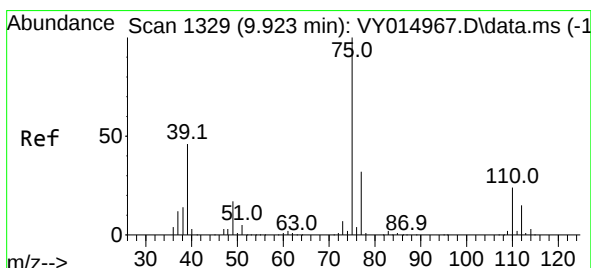
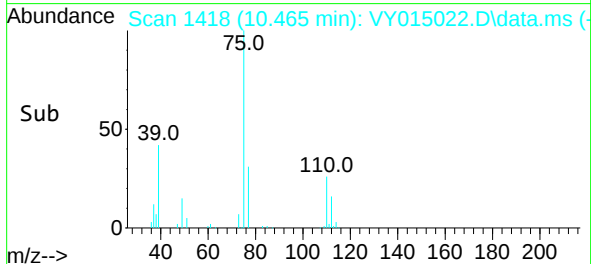
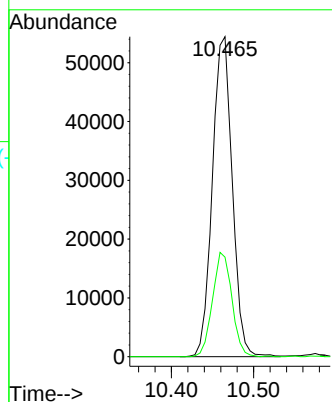
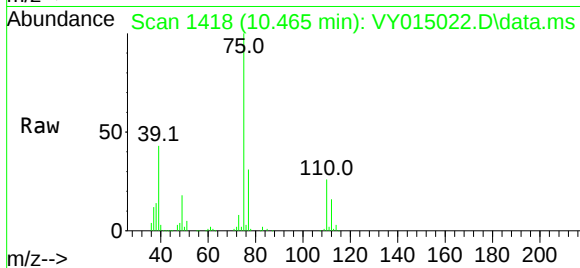




#53
t-1,3-Dichloropropene
Concen: 18.514 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

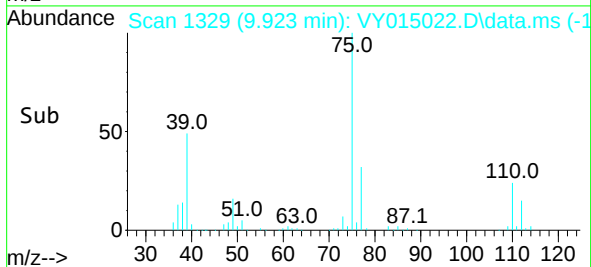
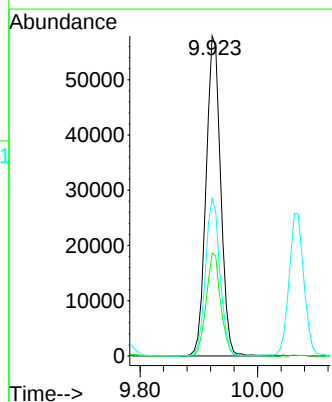
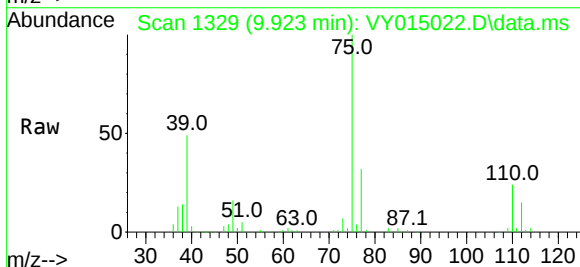
Instrument :
MSVOA_Y
ClientSampleId :

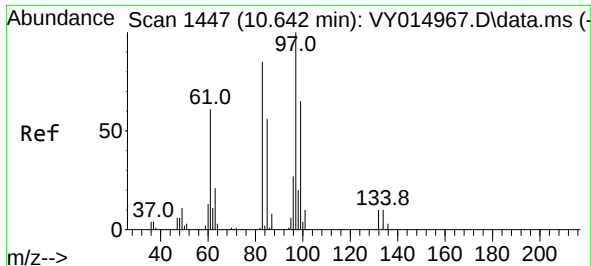
Tgt Ion: 75 Resp: 91509
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.751 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 75 Resp: 100132
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 49.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.484 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 55370

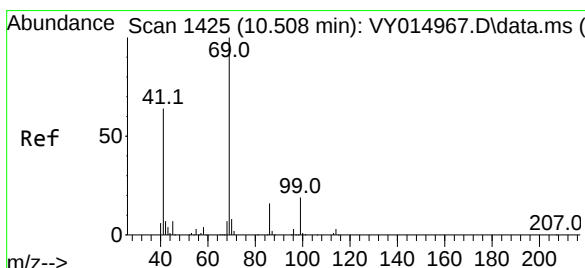
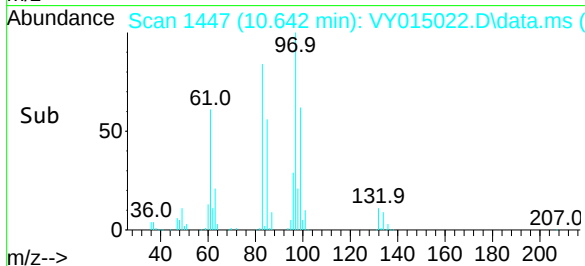
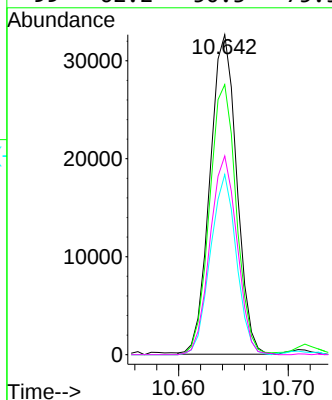
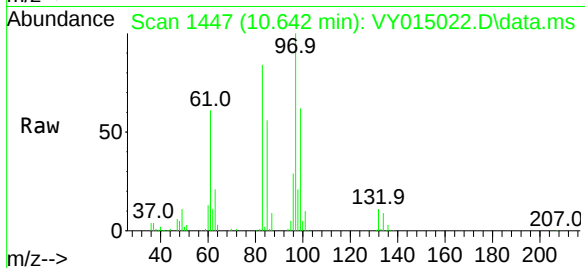
Ion Ratio Lower Upper

97 100

83 84.6 72.0 108.0

85 56.4 45.4 68.0

99 62.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.014 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

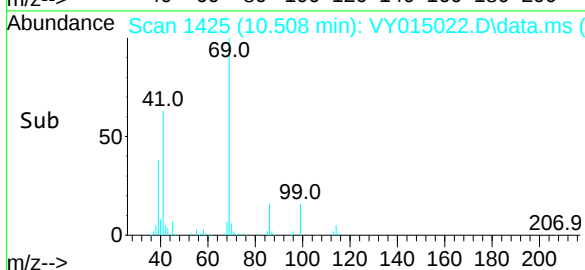
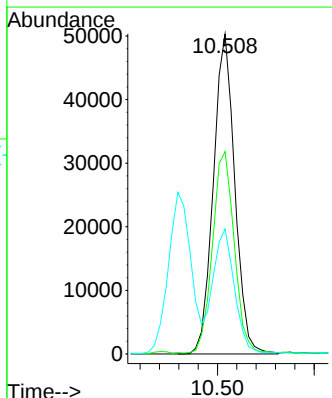
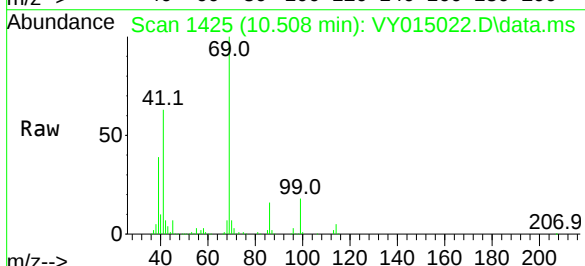
Tgt Ion: 69 Resp: 77268

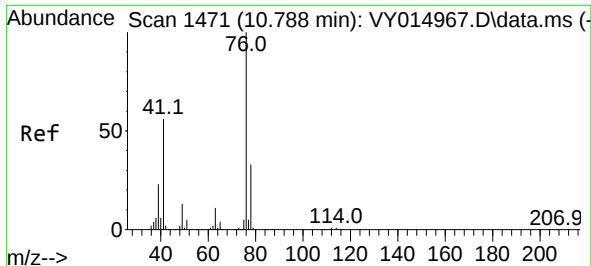
Ion Ratio Lower Upper

69 100

41 63.8 57.6 86.4

39 39.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 18.559 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

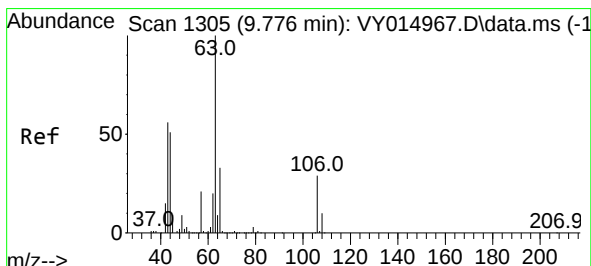
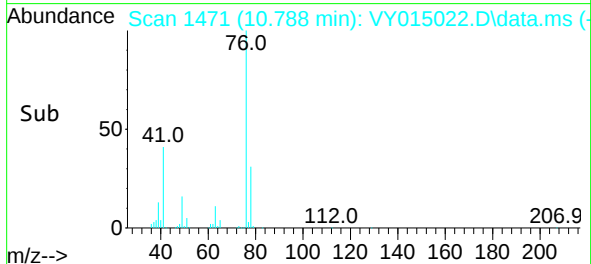
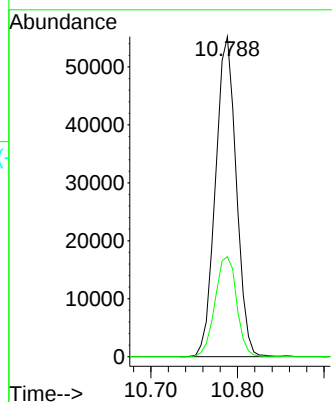
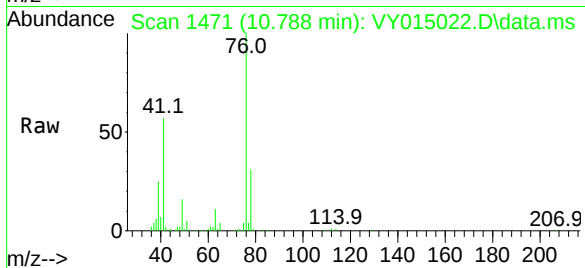
ClientSampleId :

Tgt Ion: 76 Resp: 91980

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 92.587 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015022.D

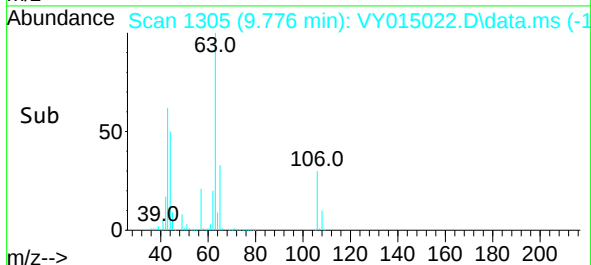
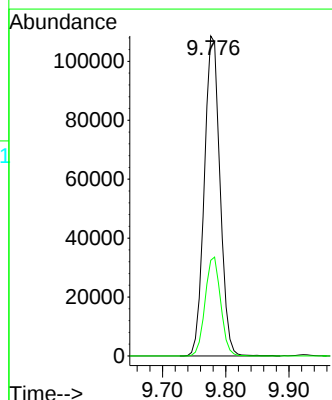
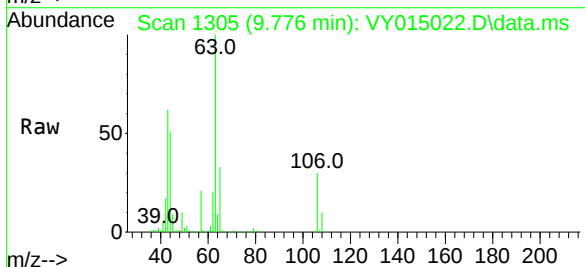
Acq: 10 Aug 2023 13:06

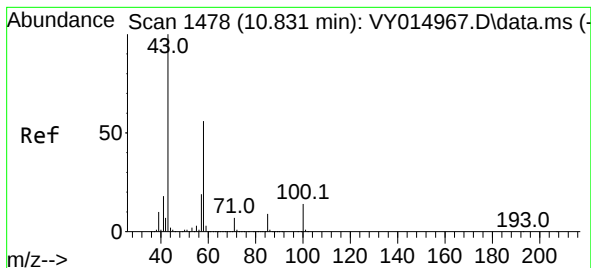
Tgt Ion: 63 Resp: 187783

Ion Ratio Lower Upper

63 100

106 30.6 21.2 31.8





#59

2-Hexanone

Concen: 90.876 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

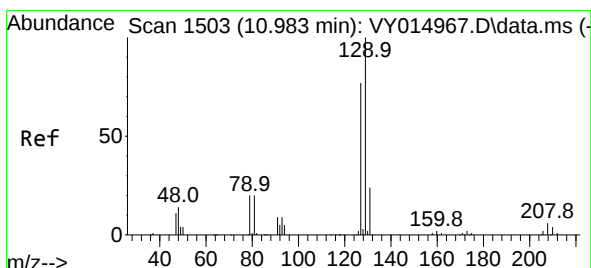
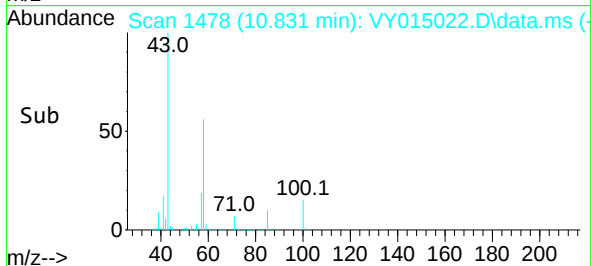
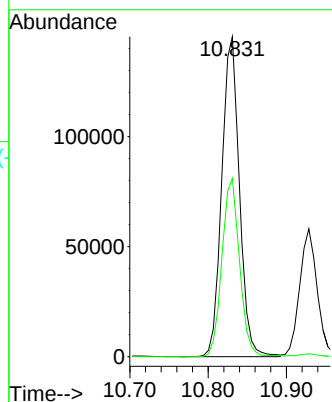
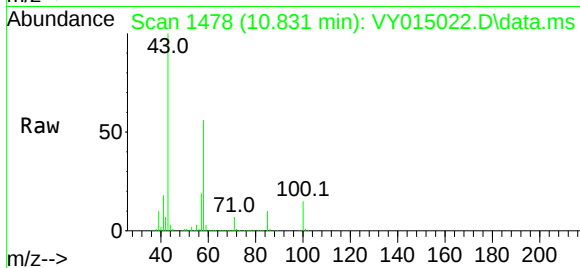
ClientSampleId :

Tgt Ion: 43 Resp: 228098

Ion Ratio Lower Upper

43 100

58 55.6 25.1 75.3



#60

Dibromochloromethane

Concen: 18.877 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY015022.D

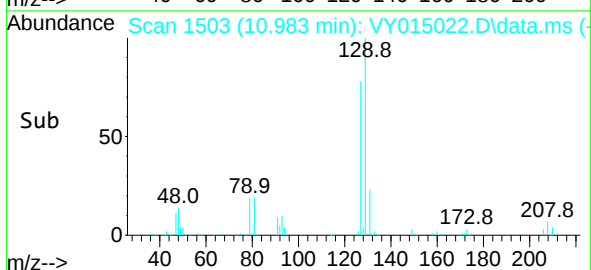
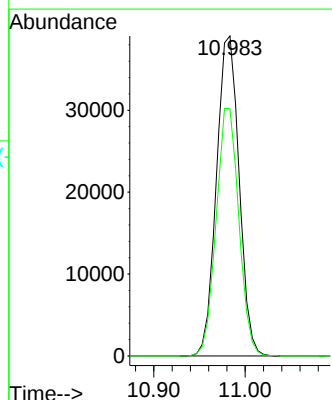
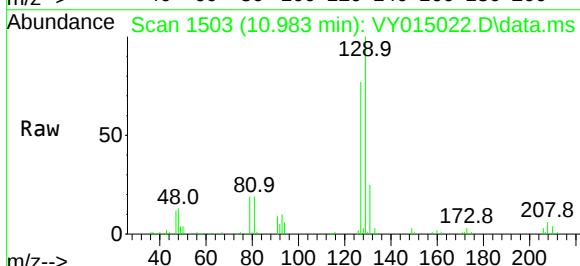
Acq: 10 Aug 2023 13:06

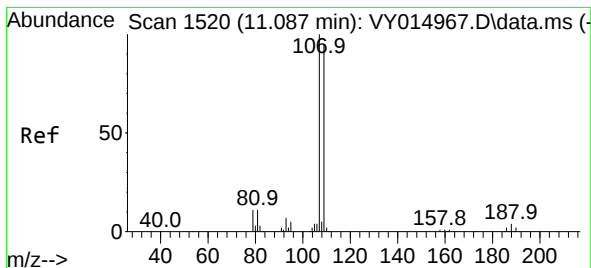
Tgt Ion: 129 Resp: 67333

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.842 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

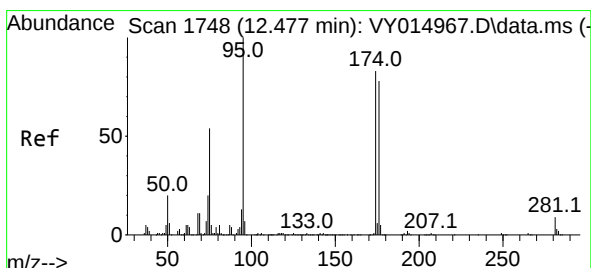
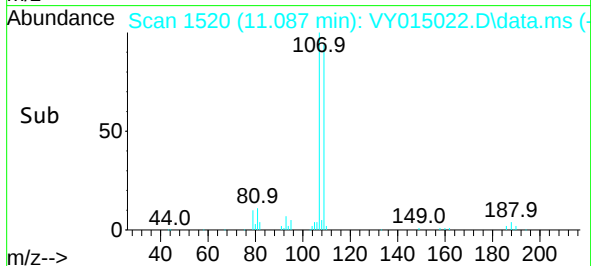
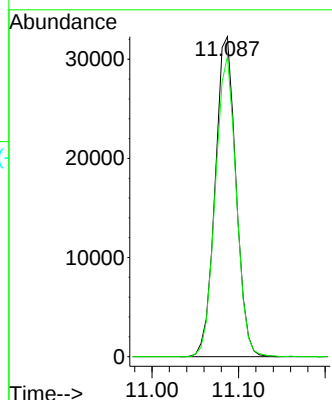
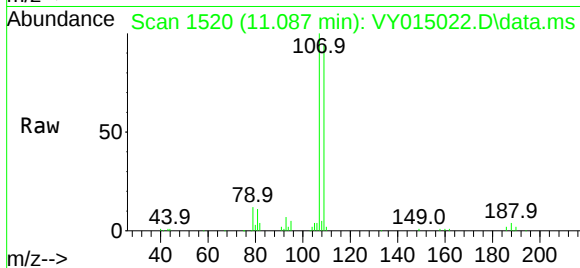
ClientSampleId :

Tgt Ion:107 Resp: 53876

Ion Ratio Lower Upper

107 100

109 94.3 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.494 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

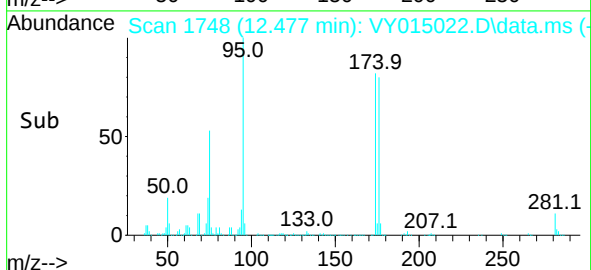
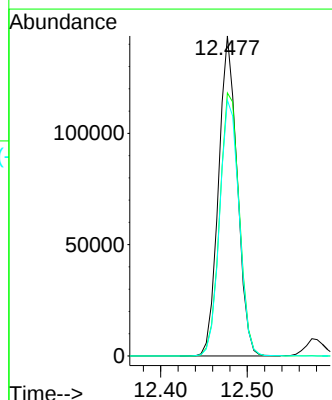
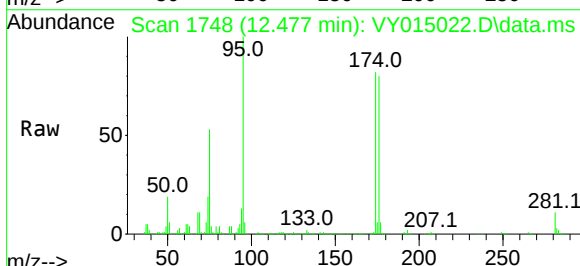
Tgt Ion: 95 Resp: 215427

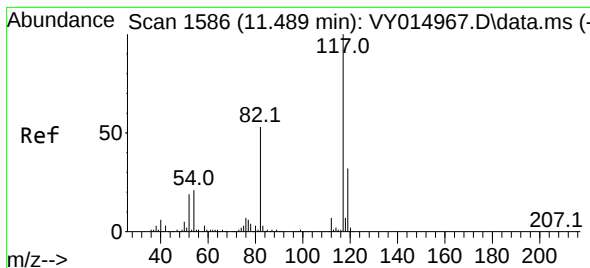
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

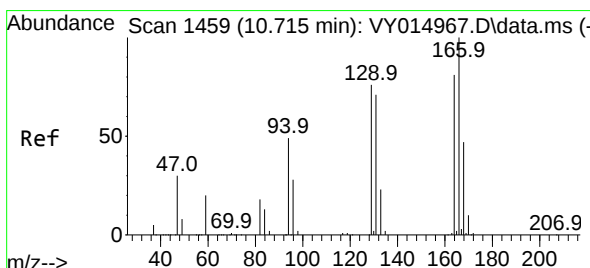
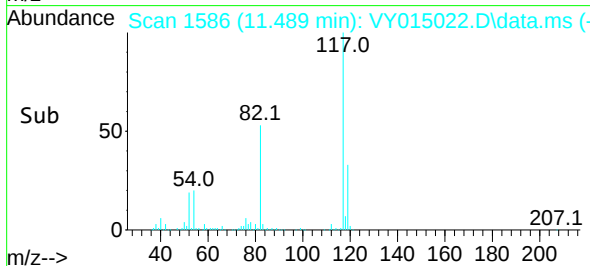
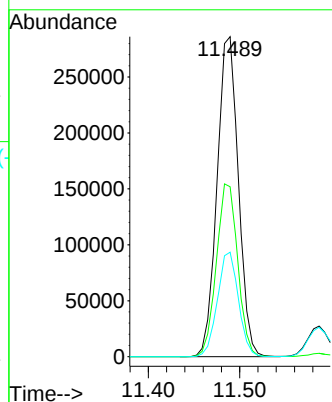
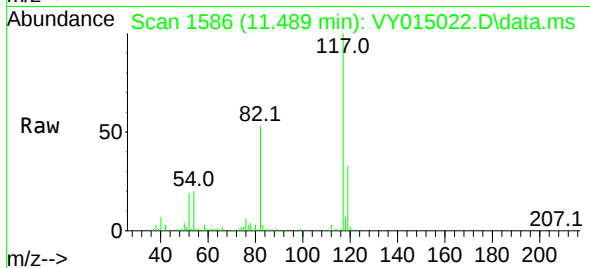
Tgt Ion:117 Resp: 463856

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 20.658 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Tgt Ion:164 Resp: 72080

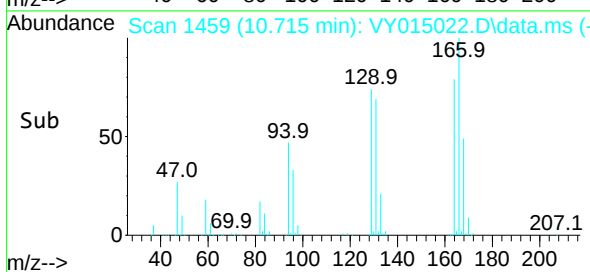
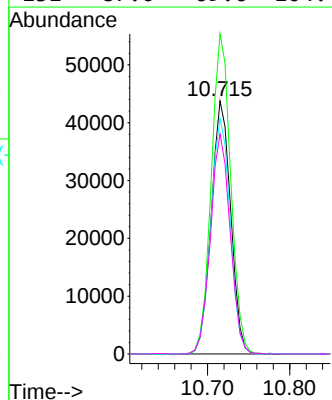
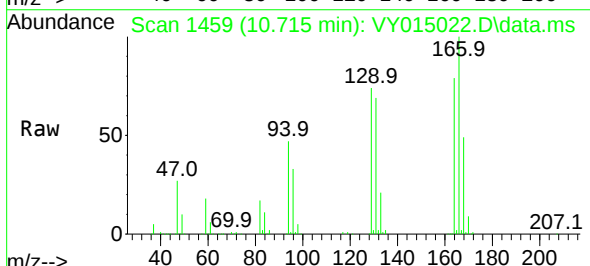
Ion Ratio Lower Upper

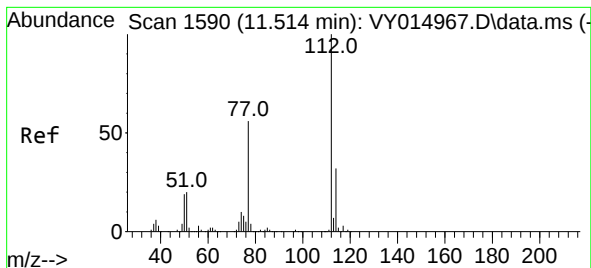
164 100

166 126.5 103.0 154.6

129 93.1 77.2 115.8

131 87.0 69.6 104.4





#65

Chlorobenzene

Concen: 18.860 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

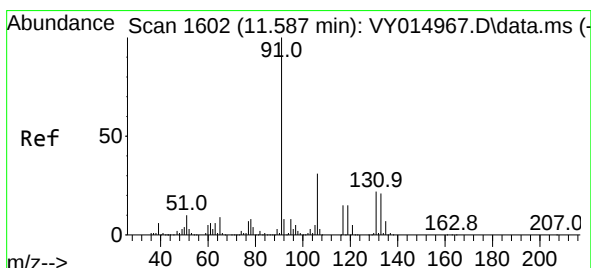
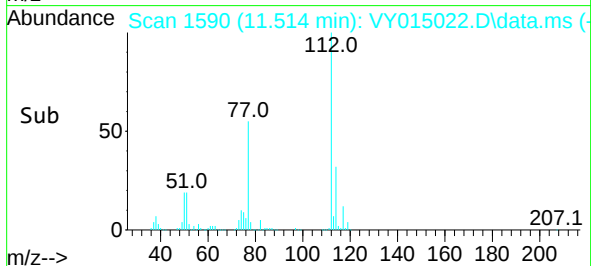
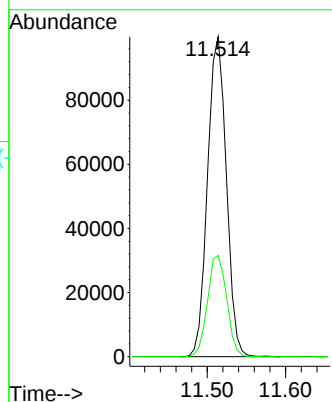
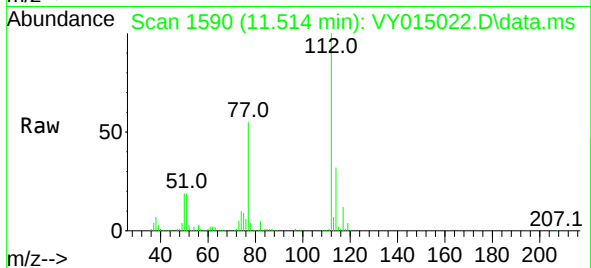
ClientSampleId :

Tgt Ion:112 Resp: 166000

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.362 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

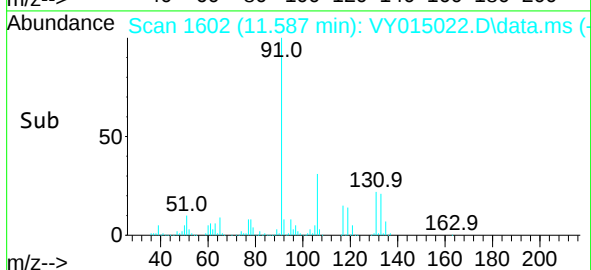
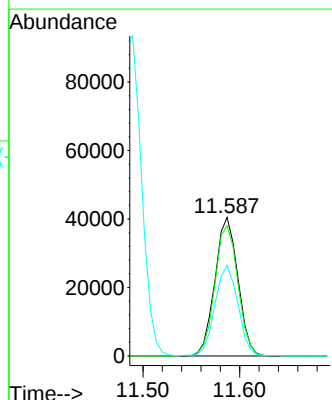
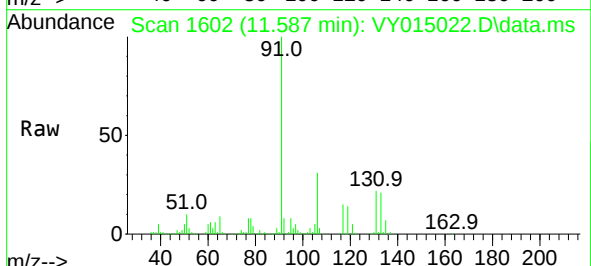
Tgt Ion:131 Resp: 66777

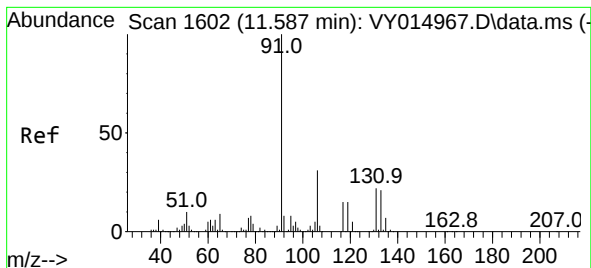
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 18.944 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

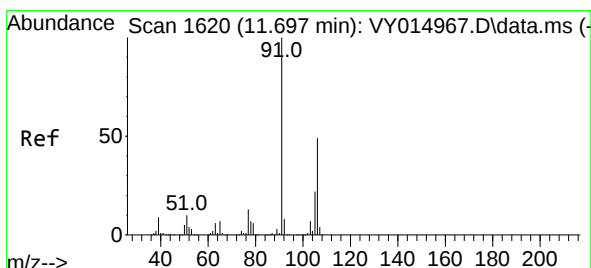
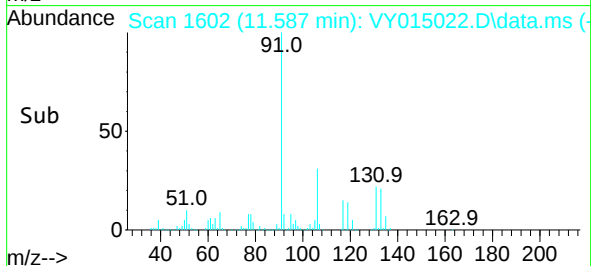
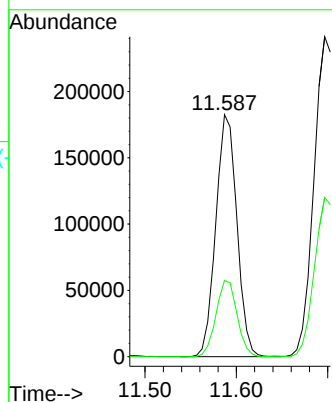
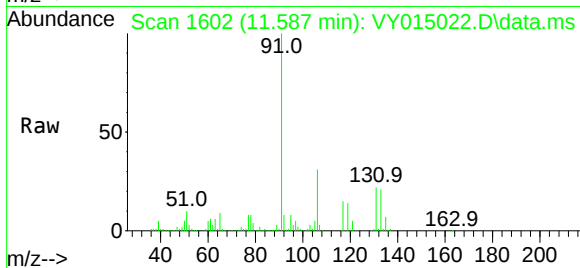
ClientSampleId :

Tgt Ion: 91 Resp: 292619

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 37.234 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015022.D

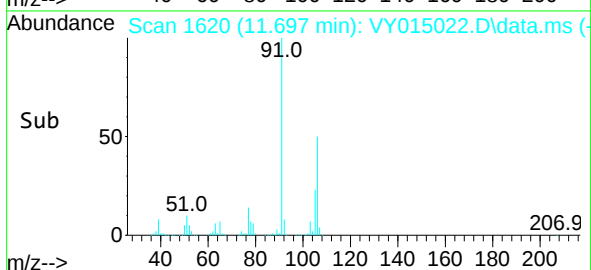
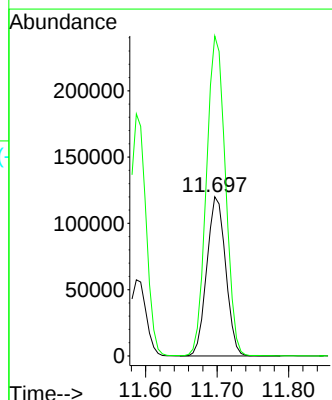
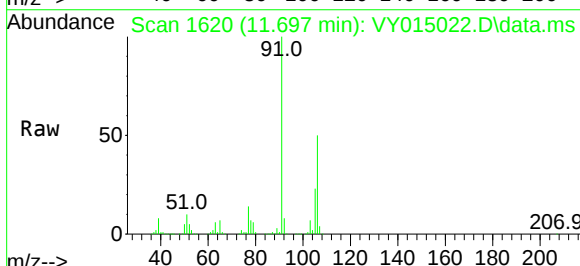
Acq: 10 Aug 2023 13:06

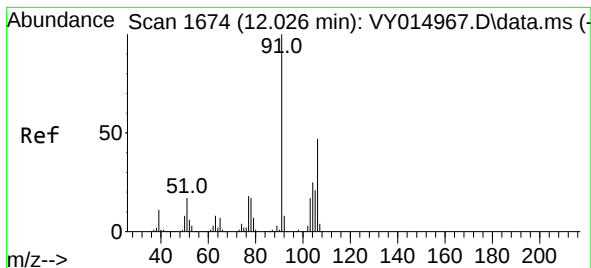
Tgt Ion:106 Resp: 220020

Ion Ratio Lower Upper

106 100

91 202.8 166.1 249.1





#69

o-Xylene

Concen: 19.039 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

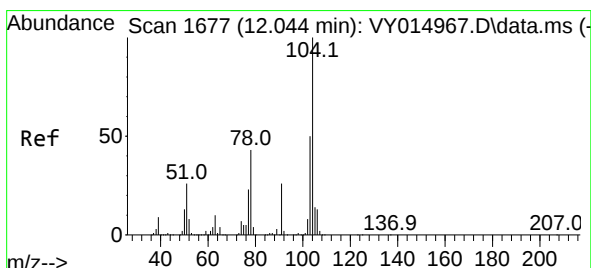
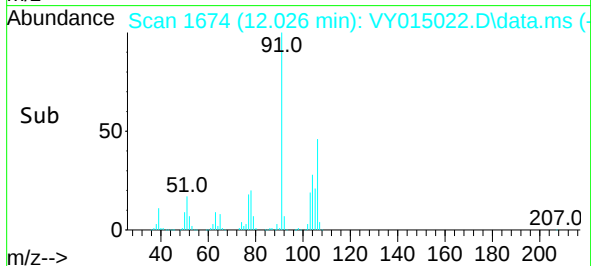
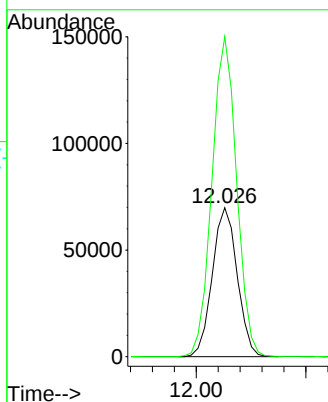
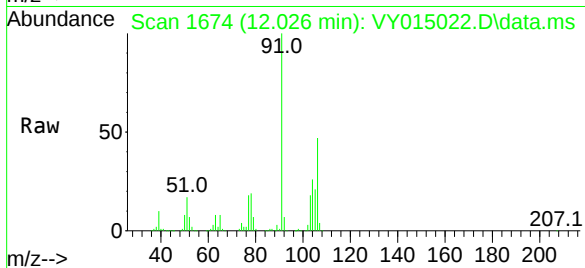
ClientSampleId :

Tgt Ion:106 Resp: 110089

Ion Ratio Lower Upper

106 100

91 212.8 108.1 324.3



#70

Styrene

Concen: 18.984 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

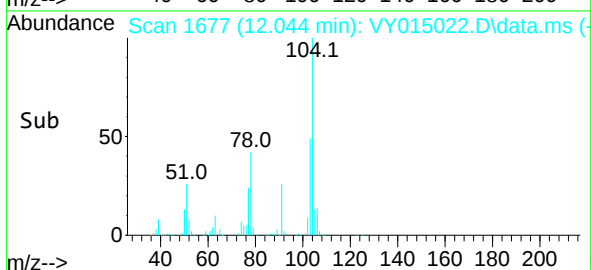
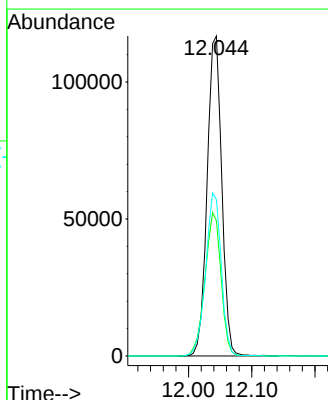
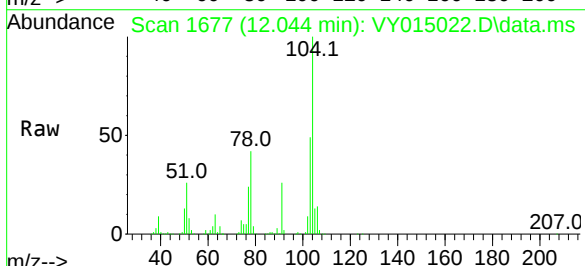
Tgt Ion:104 Resp: 187588

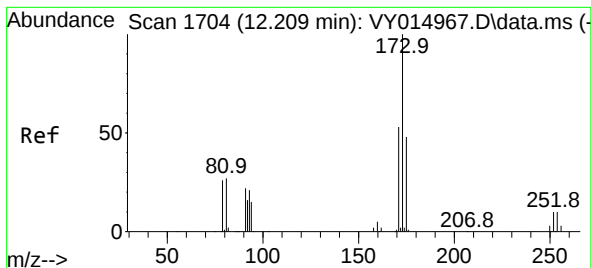
Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 19.295 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015022.D

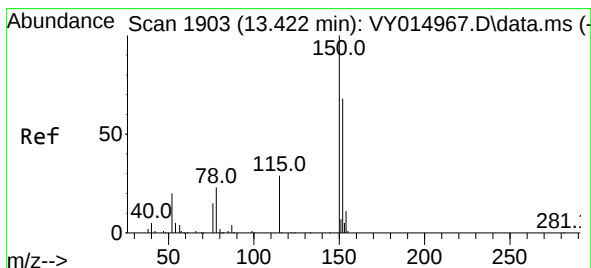
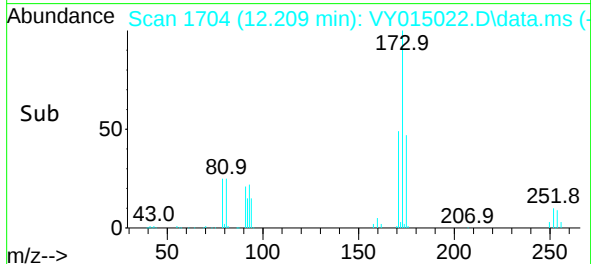
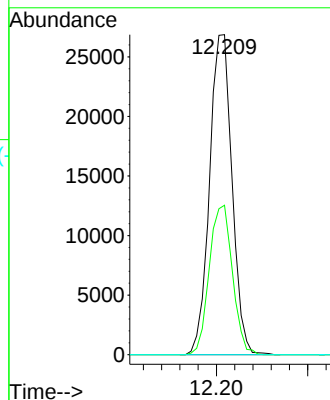
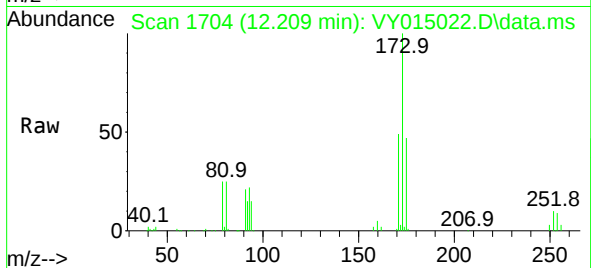
Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 45870
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.6 73.8
 254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

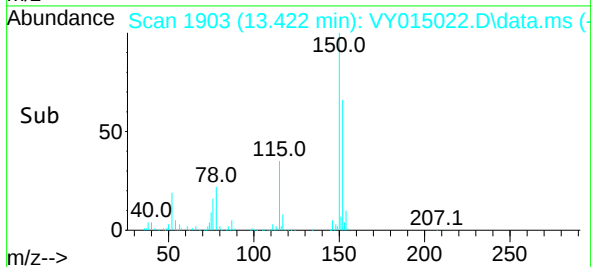
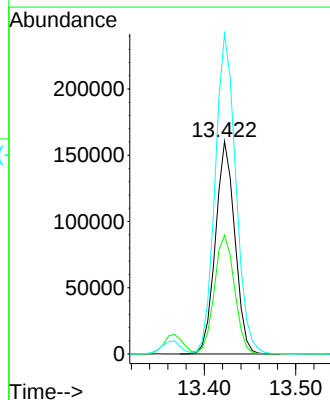
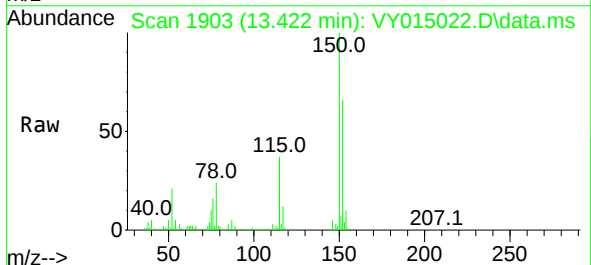
RT: 13.422 min Scan# 1903

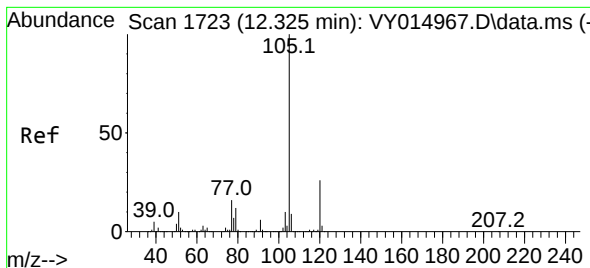
Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Tgt Ion:152 Resp: 236318
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 160.9 0.0 348.8





#73

Isopropylbenzene

Concen: 18.739 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

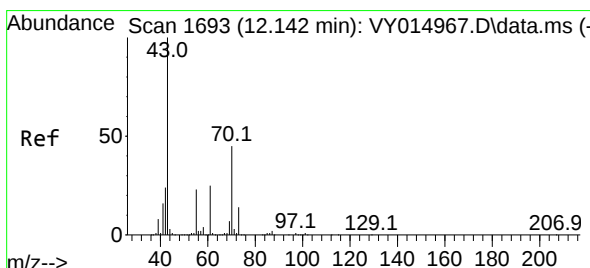
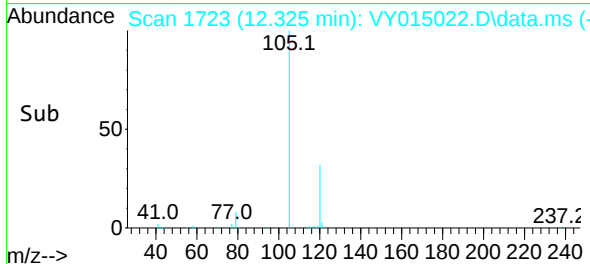
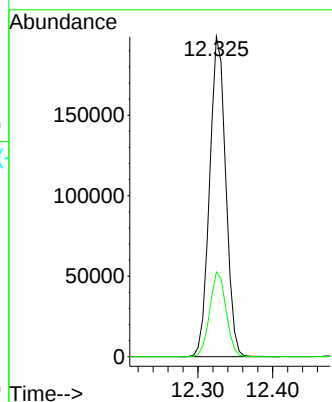
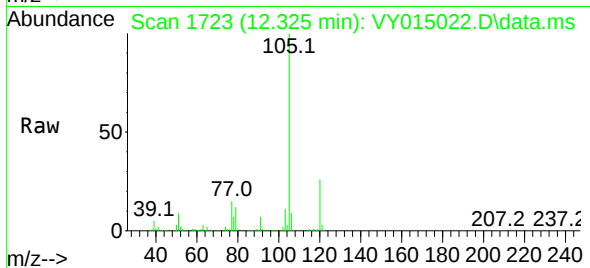
ClientSampleId :

Tgt Ion:105 Resp: 297684

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 16.346 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Tgt Ion: 43 Resp: 88716

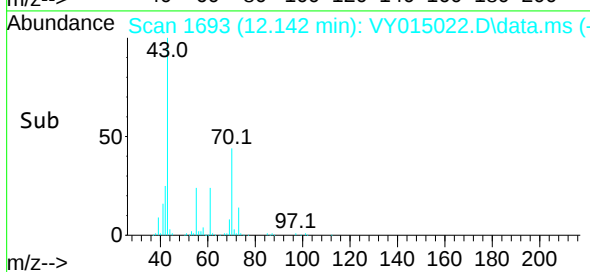
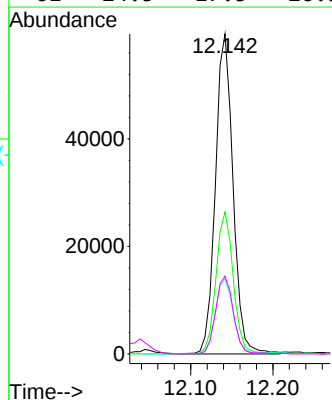
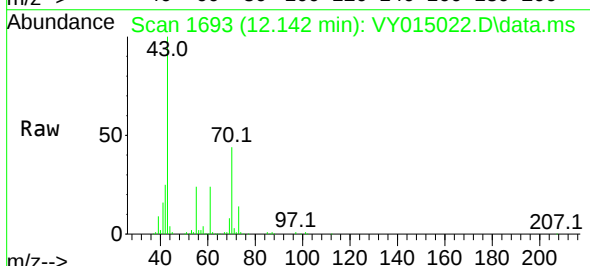
Ion Ratio Lower Upper

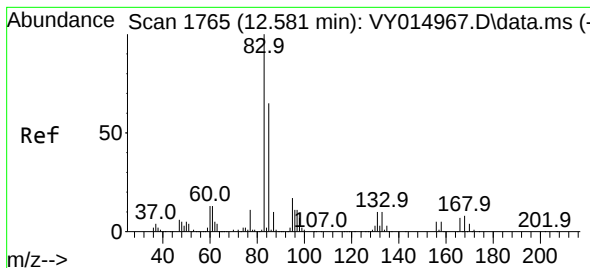
43 100

70 43.5 29.7 44.5

55 24.3 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.898 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

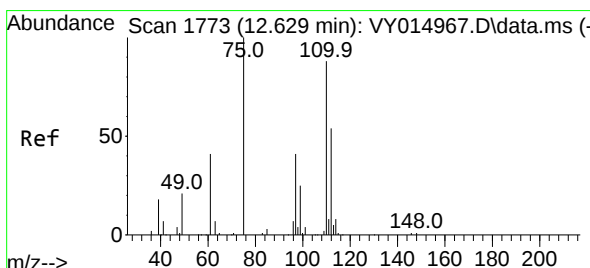
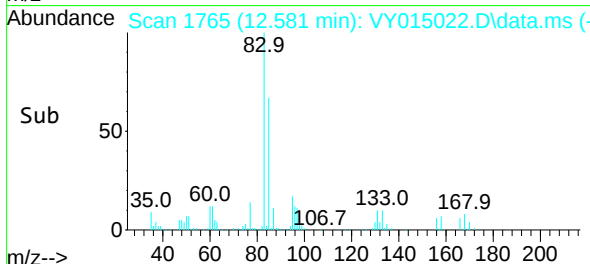
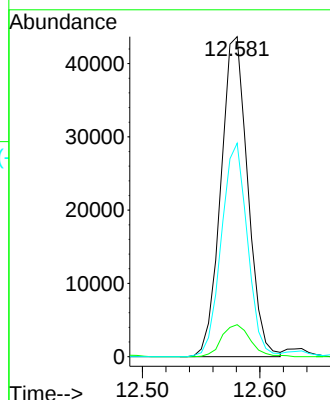
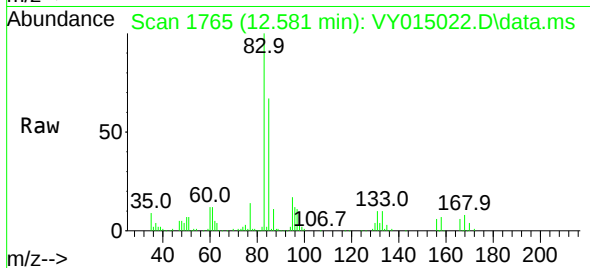
Tgt Ion: 83 Resp: 69484

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.396 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015022.D

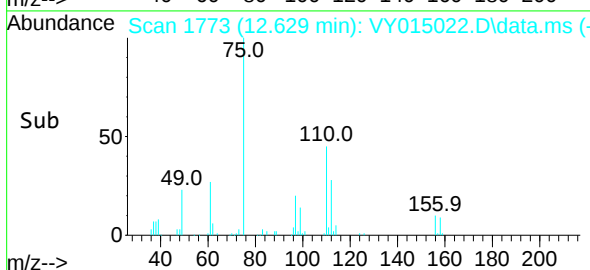
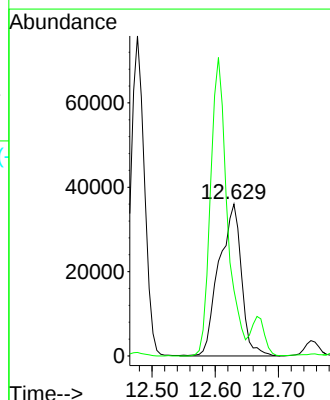
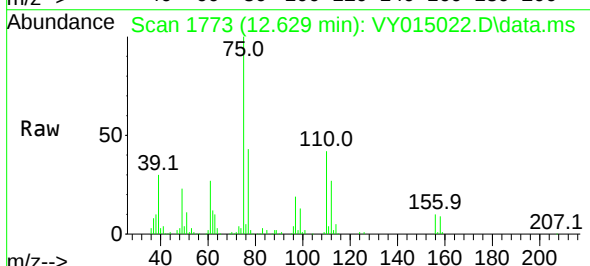
Acq: 10 Aug 2023 13:06

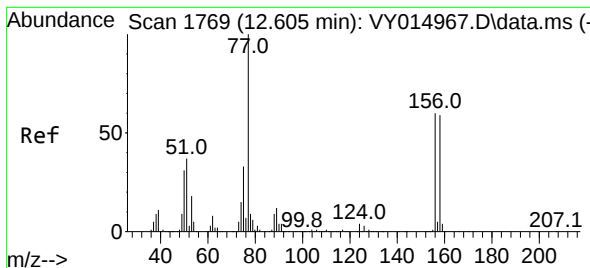
Tgt Ion: 75 Resp: 88902

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.689 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015022.D

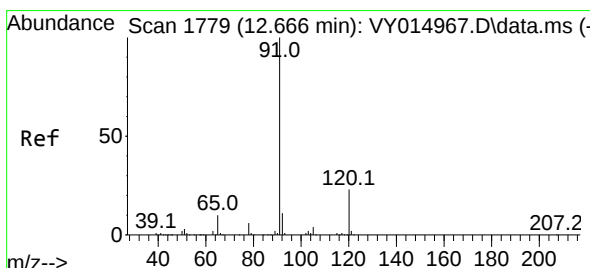
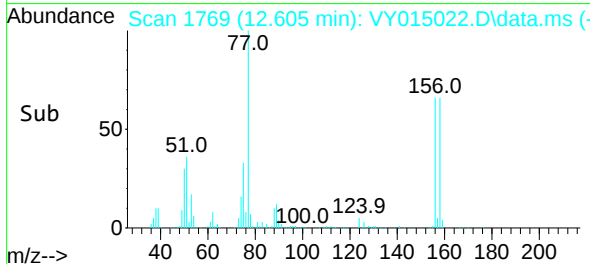
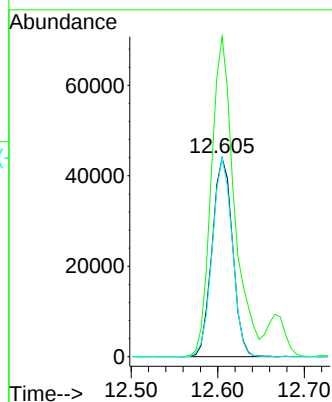
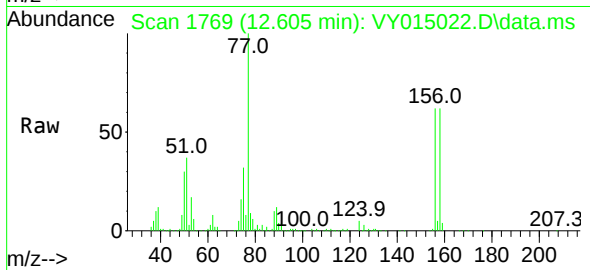
Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	72013
Ion Ratio	Lower	Upper	
156	100		
77	181.5	92.8	278.6
158	97.9	48.4	145.3



#78

n-propylbenzene

Concen: 18.316 ug/l

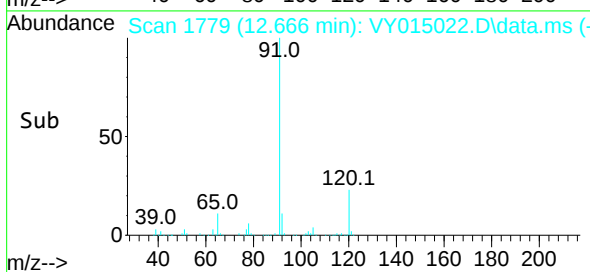
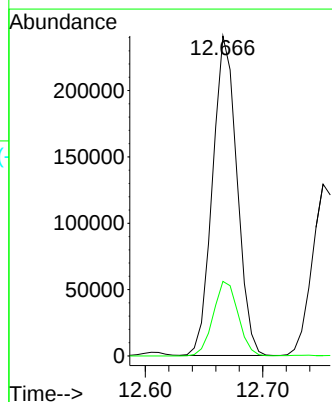
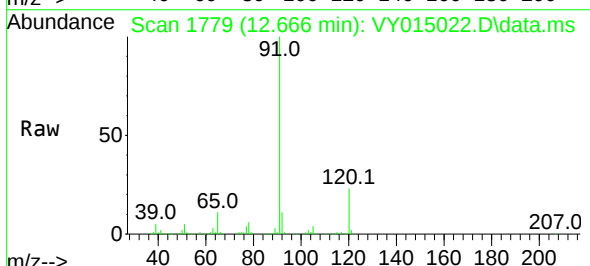
RT: 12.666 min Scan# 1779

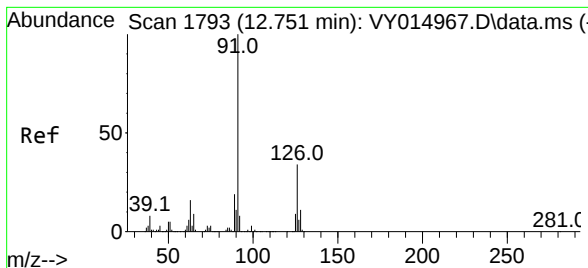
Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Tgt Ion:	91	Resp:	348003
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.4

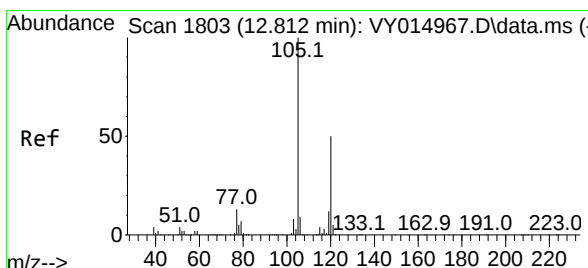
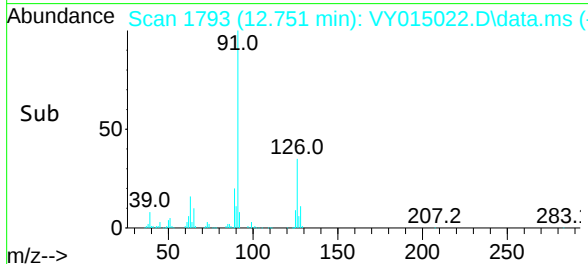
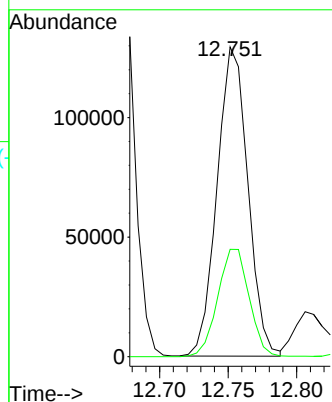
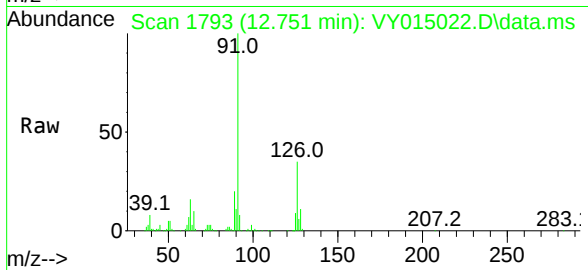




#79
2-Chlorotoluene
Concen: 18.689 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

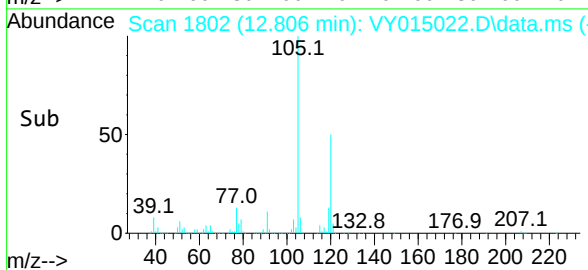
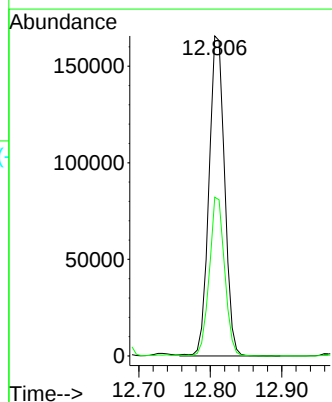
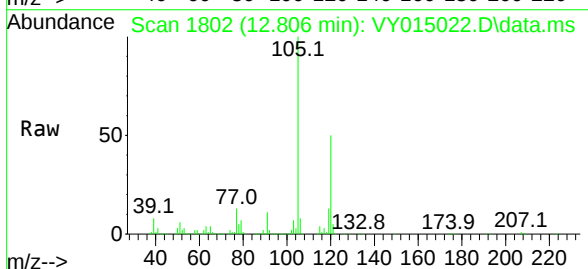
Instrument :
MSVOA_Y
ClientSampleId :

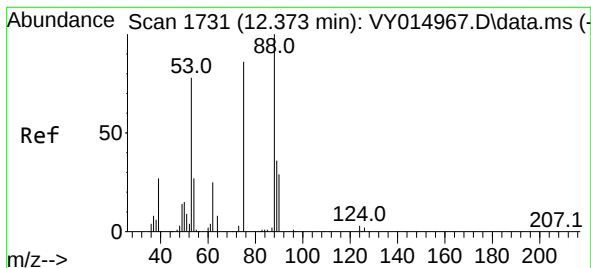
Tgt Ion: 91 Resp: 202375
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.181 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 105 Resp: 251100
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7

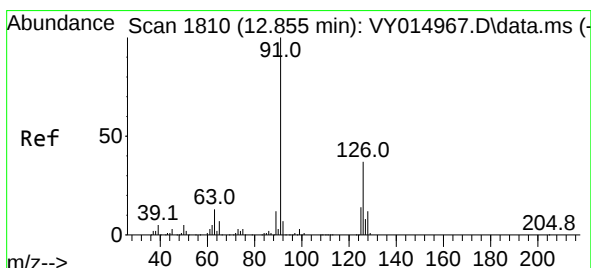
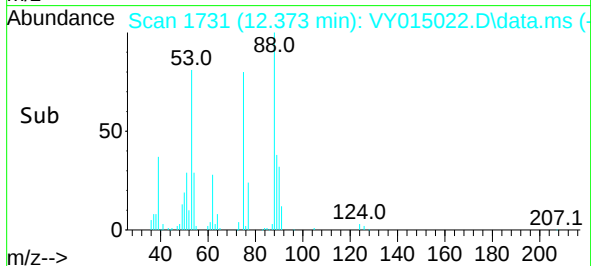
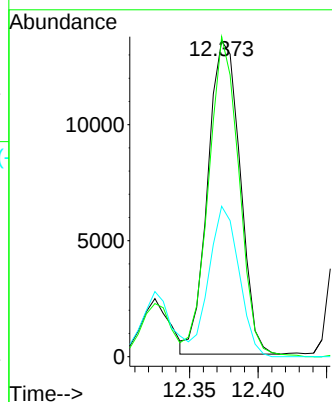
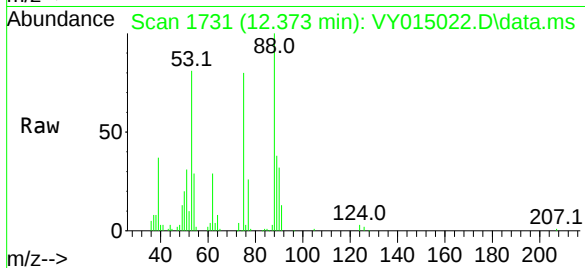




#81
trans-1,4-Dichloro-2-butene
Concen: 17.188 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

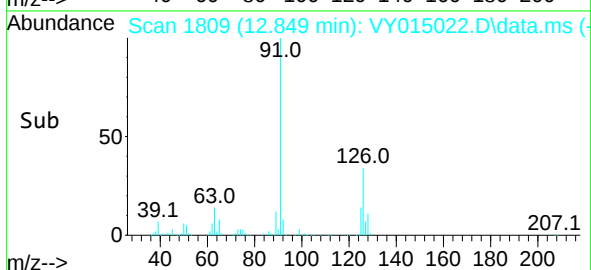
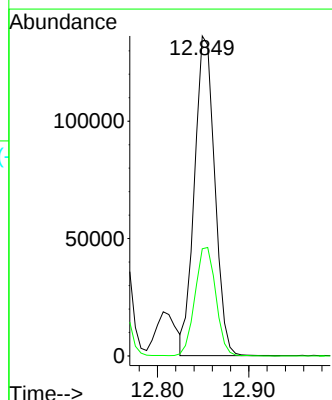
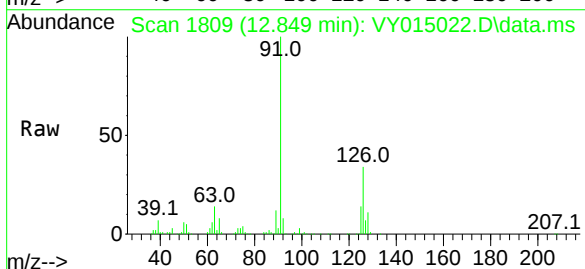
Instrument :
MSVOA_Y
ClientSampleId :

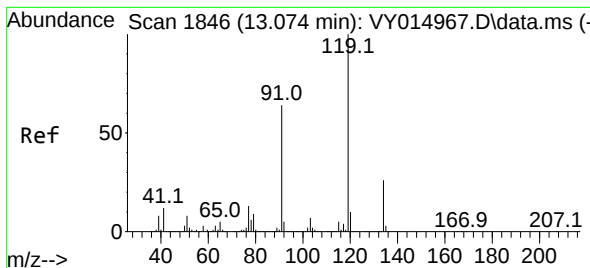
Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.8	77.8	116.8
89	44.6	37.4	56.0



#82
4-Chlorotoluene
Concen: 18.736 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.2	51.6





#83

tert-Butylbenzene

Concen: 18.925 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

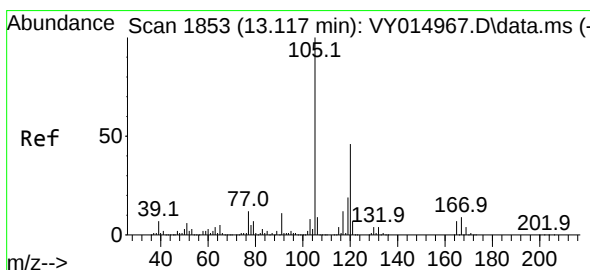
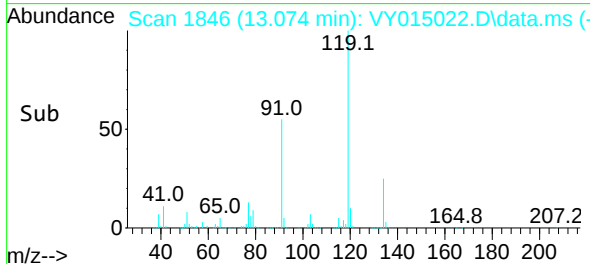
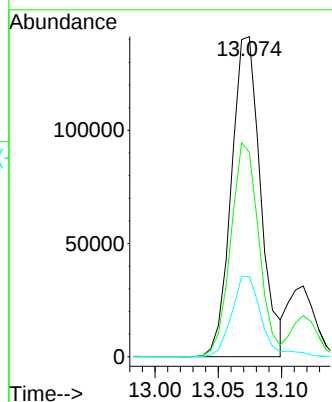
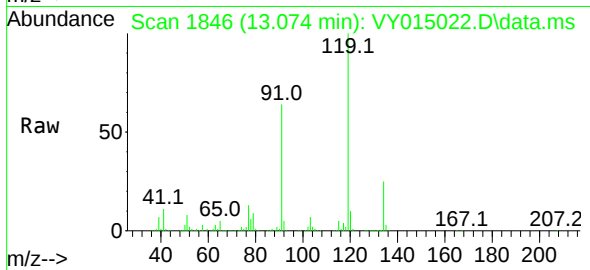
Tgt Ion:119 Resp: 226634

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.011 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015022.D

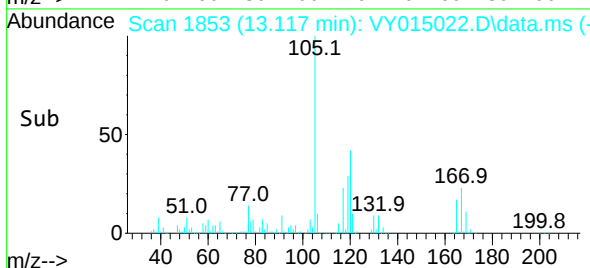
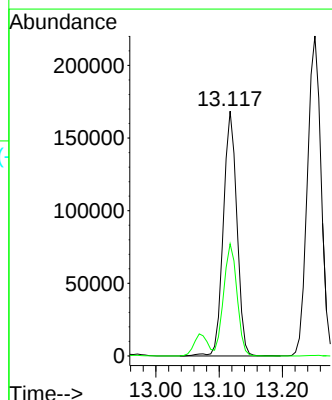
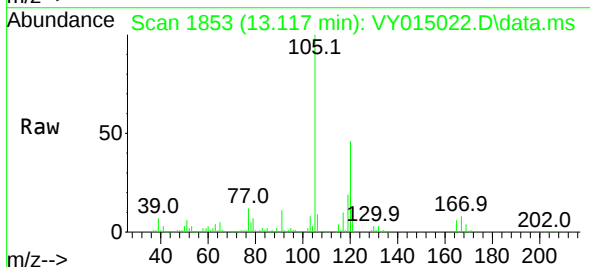
Acq: 10 Aug 2023 13:06

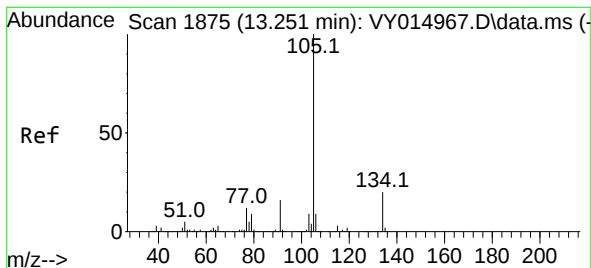
Tgt Ion:105 Resp: 249346

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.806 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

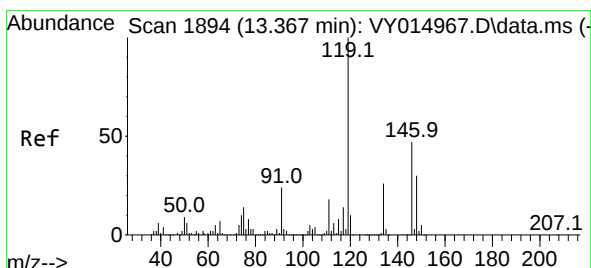
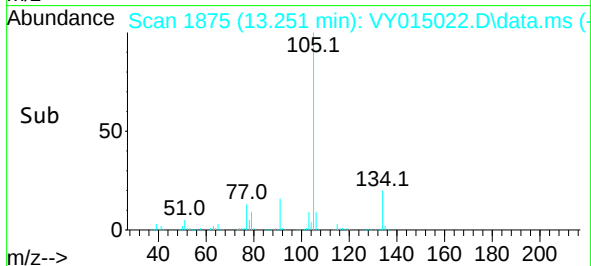
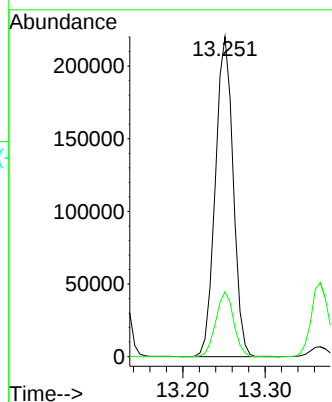
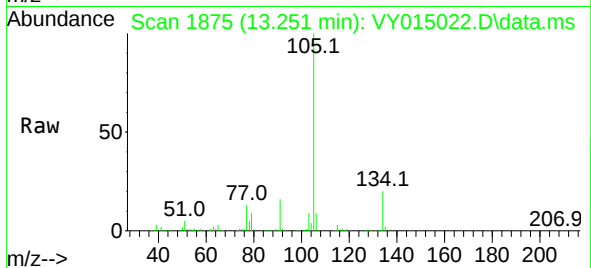
ClientSampleId :

Tgt Ion:105 Resp: 330531

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.040 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

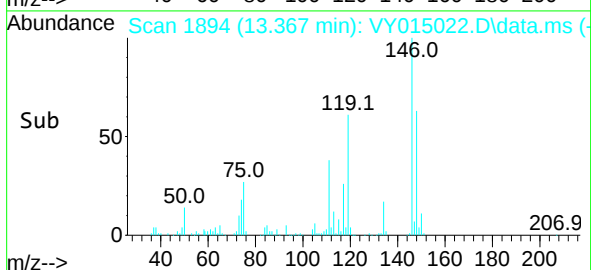
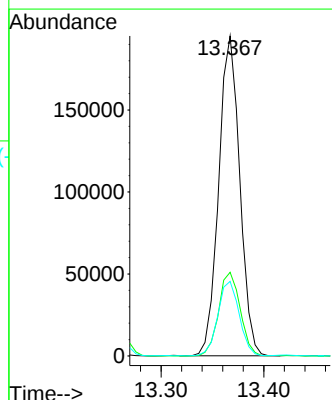
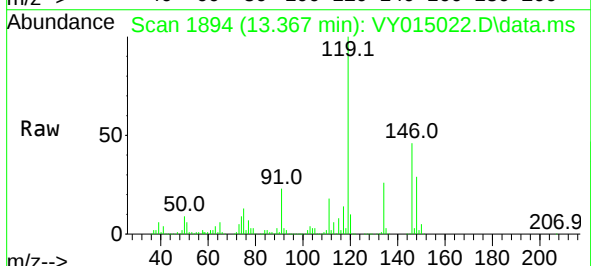
Tgt Ion:119 Resp: 277015

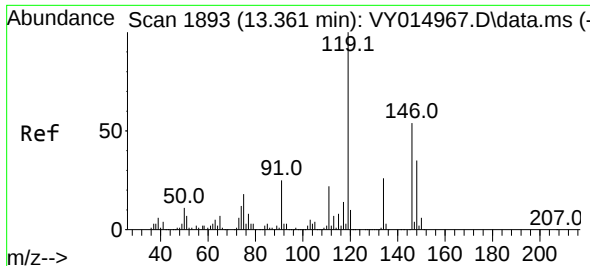
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

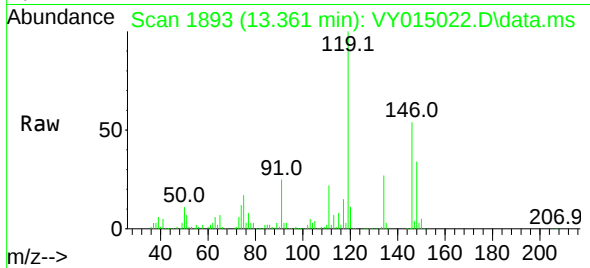
91 23.5 12.4 37.4



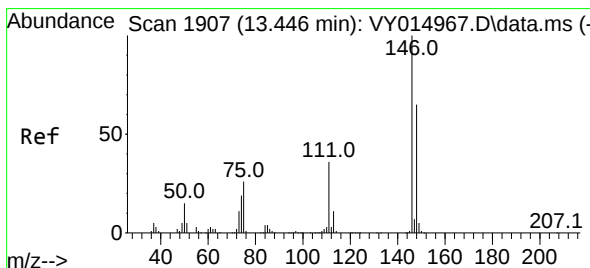
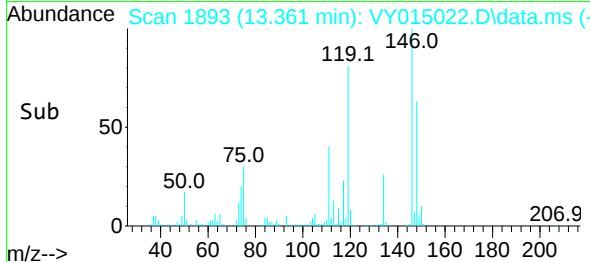
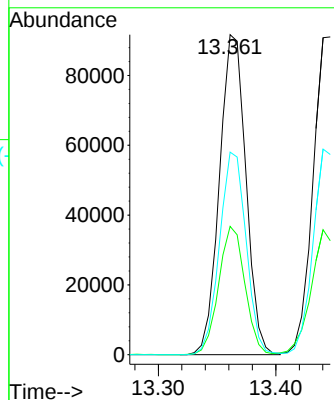


#87
 1,3-Dichlorobenzene
 Concen: 19.032 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY015022.D
 Acq: 10 Aug 2023 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :

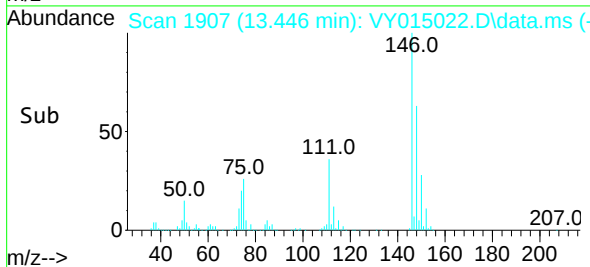
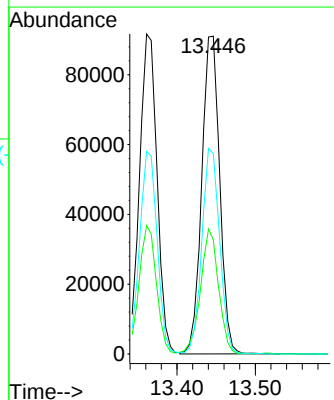
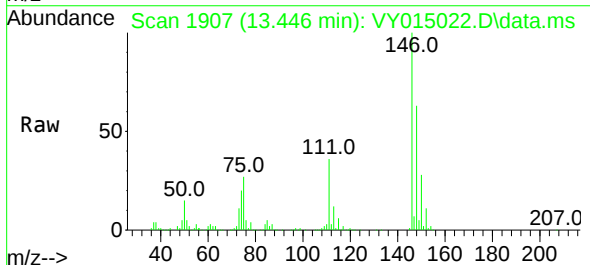


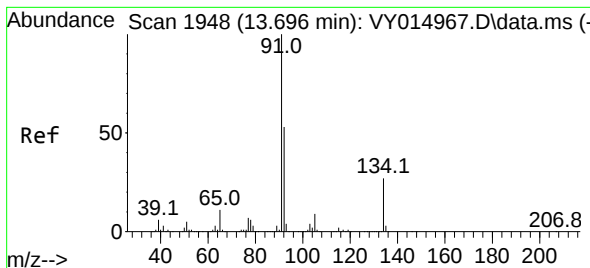
Tgt Ion:146 Resp: 143545
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.2
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.227 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015022.D
 Acq: 10 Aug 2023 13:06

Tgt Ion:146 Resp: 144618
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.9 56.7
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 18.756 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

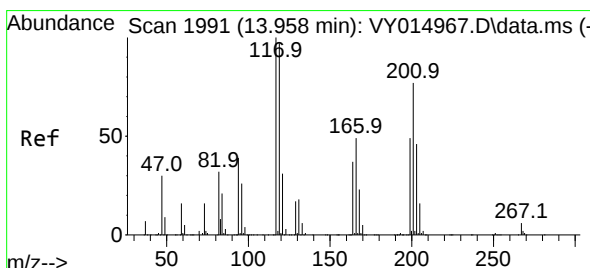
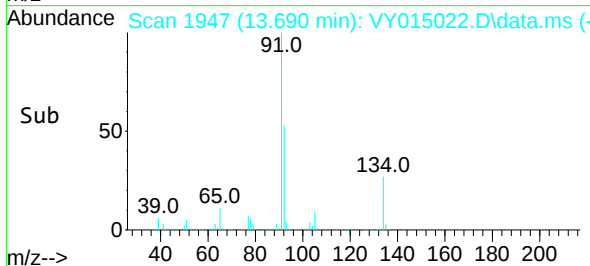
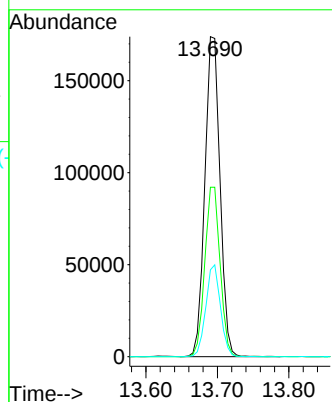
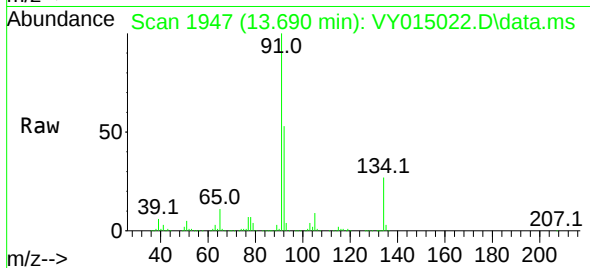
Tgt Ion: 91 Resp: 256390

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 27.7 12.6 37.6



#90

Hexachloroethane

Concen: 18.669 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015022.D

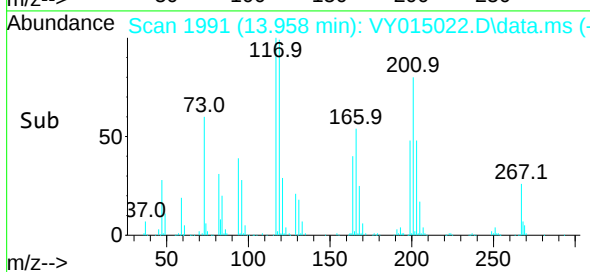
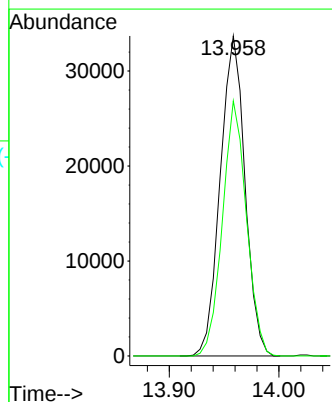
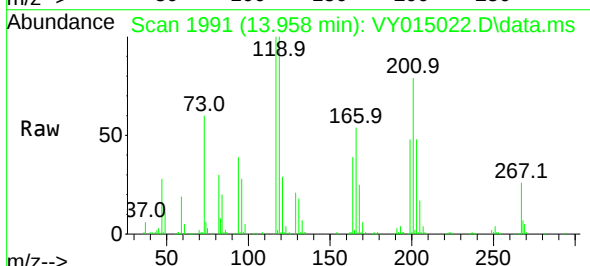
Acq: 10 Aug 2023 13:06

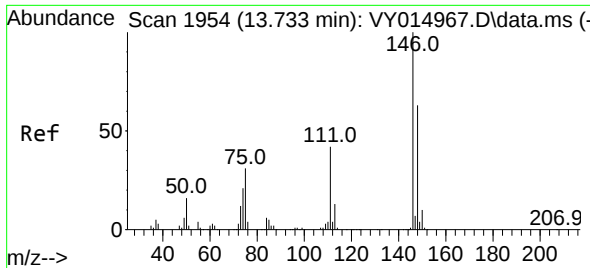
Tgt Ion: 117 Resp: 52745

Ion Ratio Lower Upper

117 100

201 77.4 41.6 124.8

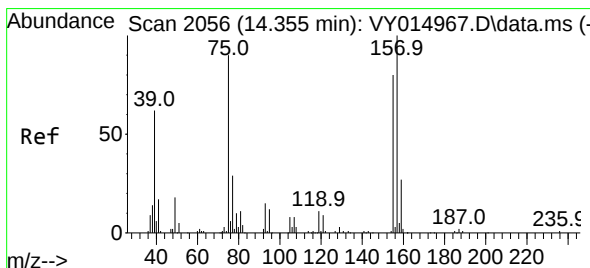
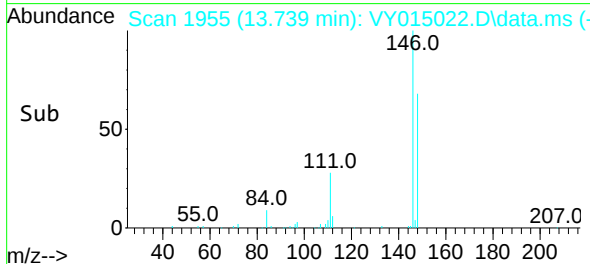
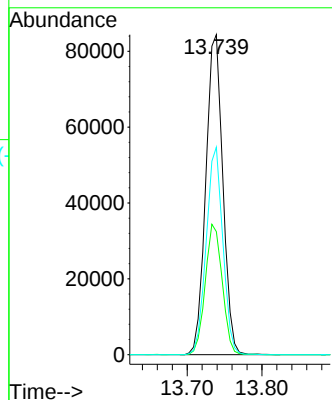
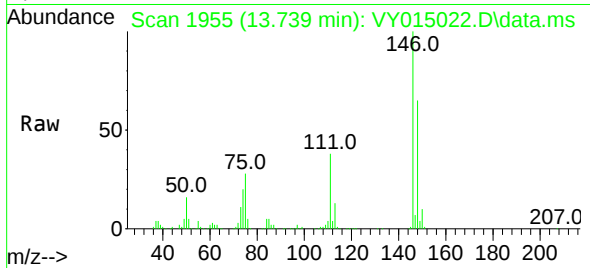




#91
1,2-Dichlorobenzene
Concen: 19.130 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

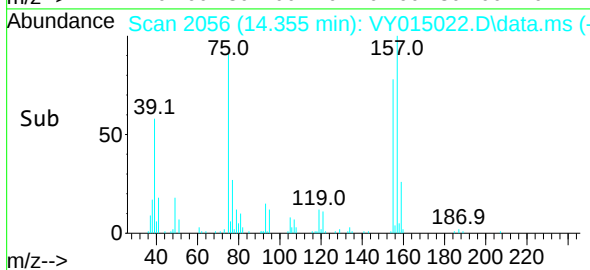
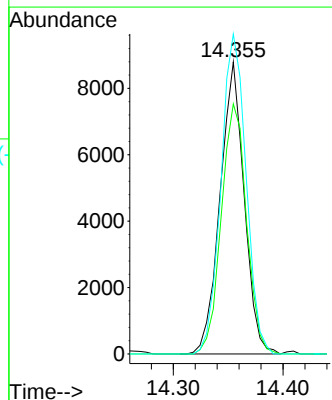
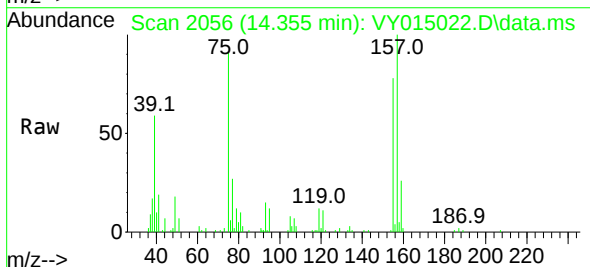
Instrument :
MSVOA_Y
ClientSampleId :

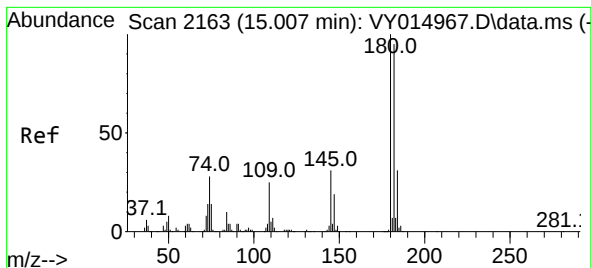
Tgt Ion:146 Resp: 133160
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.705 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015022.D
Acq: 10 Aug 2023 13:06

Tgt Ion: 75 Resp: 13420
Ion Ratio Lower Upper
75 100
155 89.4 41.5 124.6
157 113.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.990 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

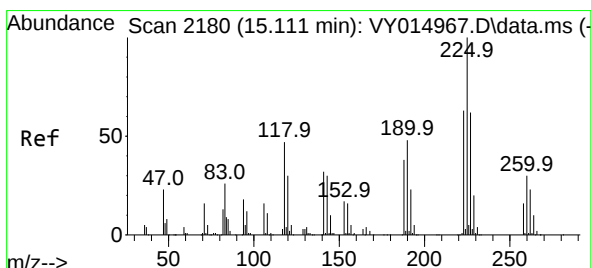
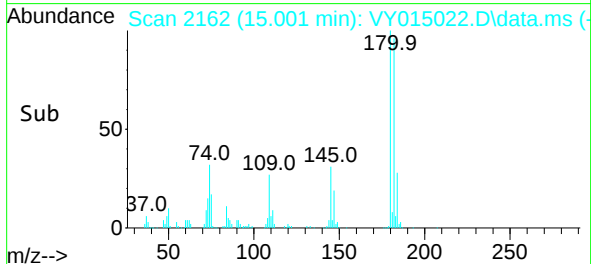
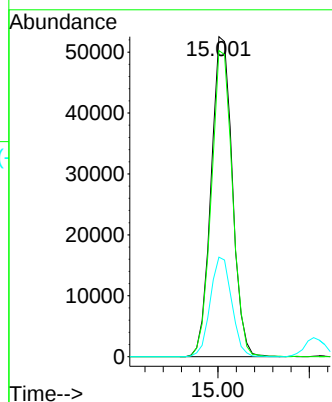
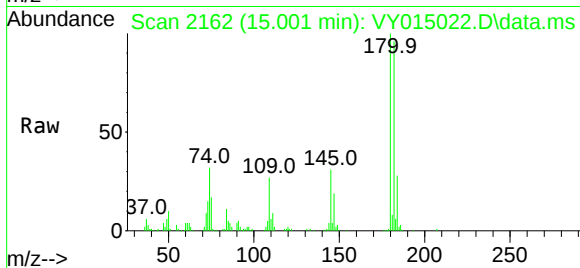
Tgt Ion:180 Resp: 84588

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.911 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

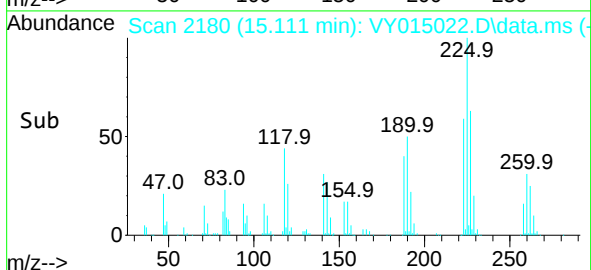
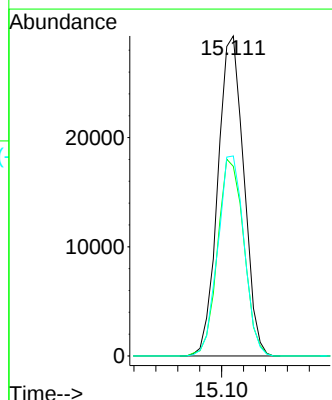
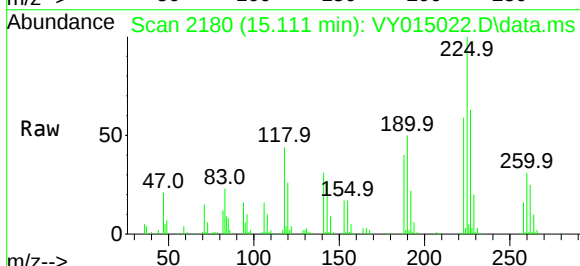
Tgt Ion:225 Resp: 48093

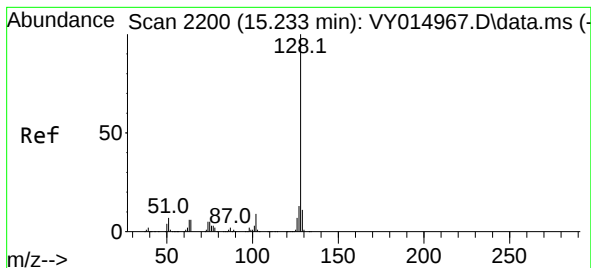
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 19.986 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

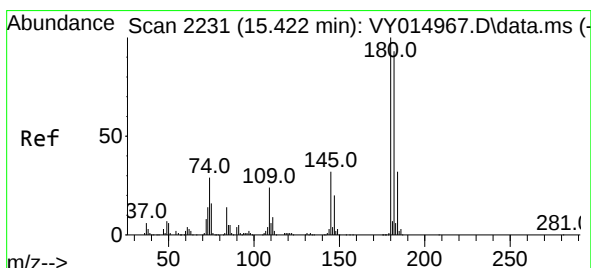
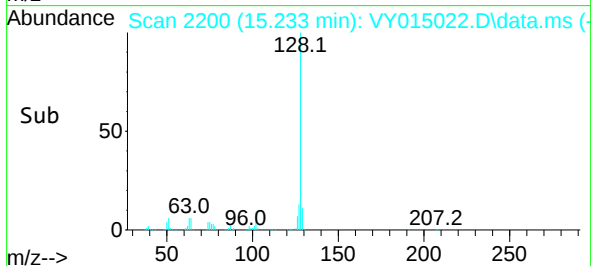
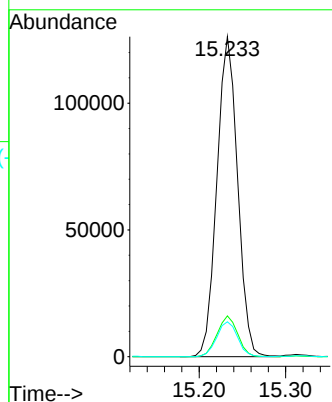
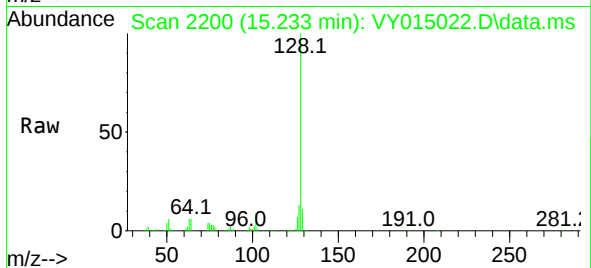
Tgt Ion:128 Resp: 209470

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.907 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015022.D

Acq: 10 Aug 2023 13:06

Tgt Ion:180 Resp: 76231

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 33.2 15.4 46.2

