

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015023.D
 Acq On : 10 Aug 2023 13:29
 Operator : SY/MD
 Sample : VY0810SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 10 14:23:30 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	314168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	504826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	453397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175561	46.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.716	113	159728	49.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.179	98	578351	47.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.477	95	208313	47.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35499	18.216	ug/l	98
3) Chloromethane	2.113	50	42244	17.086	ug/l	97
4) Vinyl Chloride	2.247	62	52921	17.370	ug/l	98
5) Bromomethane	2.625	94	38895	17.139	ug/l	95
6) Chloroethane	2.778	64	38754	18.423	ug/l	96
7) Trichlorofluoromethane	3.113	101	88534	18.389	ug/l	97
8) Diethyl Ether	3.521	74	32302	18.182	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	52003	18.246	ug/l	97
10) Methyl Iodide	4.082	142	54497	18.495	ug/l	99
11) Tert butyl alcohol	4.930	59	110045	119.746	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	43576	17.548	ug/l	90
13) Acrolein	3.723	56	40404	129.240	ug/l	100
14) Allyl chloride	4.472	41	73457	17.764	ug/l	96
15) Acrylonitrile	5.155	53	105459	97.166	ug/l	99
16) Acetone	3.942	43	125231	105.467	ug/l	93
17) Carbon Disulfide	4.186	76	82777	15.077	ug/l	98
18) Methyl Acetate	4.472	43	94378	21.826	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	178225	18.970	ug/l	98
20) Methylene Chloride	4.704	84	102527	11.463	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	49568	17.512	ug/l	93
22) Diisopropyl ether	6.118	45	179036	18.587	ug/l	90
23) Vinyl Acetate	6.051	43	486141	83.959	ug/l	95
24) 1,1-Dichloroethane	6.009	63	100759	18.442	ug/l	98
25) 2-Butanone	6.984	43	170368	100.175	ug/l	92
26) 2,2-Dichloropropane	6.972	77	94305	17.059	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	65763	18.359	ug/l	96
28) Bromochloromethane	7.332	49	48143	19.547	ug/l	89
29) Tetrahydrofuran	7.344	42	94663	94.917	ug/l	89
30) Chloroform	7.502	83	111490	18.785	ug/l	93
31) Cyclohexane	7.783	56	74349	16.524	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	97319	18.607	ug/l	98
36) 1,1-Dichloropropene	7.911	75	72781	18.159	ug/l	99
37) Ethyl Acetate	7.070	43	62622	19.684	ug/l #	95
38) Carbon Tetrachloride	7.899	117	85374	18.948	ug/l	98
39) Methylcyclohexane	9.179	83	83286	17.474	ug/l	92
40) Benzene	8.155	78	217082	18.394	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	88711	57.379	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	77356	18.830	ug/l	96
43) Isopropyl Acetate	8.271	43	112741	19.074	ug/l	97
44) Trichloroethene	8.935	130	63456	18.739	ug/l	95
45) 1,2-Dichloropropane	9.215	63	58732	18.725	ug/l	97
46) Dibromomethane	9.301	93	38515	19.062	ug/l	98
47) Bromodichloromethane	9.496	83	88882	19.102	ug/l	95
48) Methyl methacrylate	9.289	41	49570	19.114	ug/l	91
49) 1,4-Dioxane	9.295	88	15307	407.284	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	328384	98.587	ug/l	93
52) Toluene	10.240	92	142523	18.766	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	91582	18.900	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	99110	18.932	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	55173	18.788	ug/l	96
56) Ethyl methacrylate	10.508	69	80284	19.093	ug/l	90
57) 1,3-Dichloropropane	10.788	76	92411	19.020	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	193157	97.148	ug/l	92
59) 2-Hexanone	10.825	43	249711	101.484	ug/l	93
60) Dibromochloromethane	10.983	129	68385	19.557	ug/l	100
61) 1,2-Dibromoethane	11.081	107	53679	19.150	ug/l	99
64) Tetrachloroethene	10.715	164	75460	22.126	ug/l	98
65) Chlorobenzene	11.514	112	164759	19.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	66284	19.662	ug/l	99
67) Ethyl Benzene	11.587	91	287258	19.026	ug/l	99
68) m/p-Xylenes	11.697	106	221049	38.271	ug/l	96
69) o-Xylene	12.026	106	109028	19.291	ug/l	97
70) Styrene	12.038	104	184382	19.090	ug/l	98
71) Bromoform	12.203	173	46872	20.171	ug/l #	98
73) Isopropylbenzene	12.325	105	290467	18.852	ug/l	98
74) N-amyl acetate	12.142	43	93023	17.671	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	70904	18.831	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	94424	34.380	ug/l #	100
77) Bromobenzene	12.605	156	74505	19.935	ug/l	96
78) n-propylbenzene	12.666	91	346795	18.818	ug/l	98
79) 2-Chlorotoluene	12.751	91	197725	18.826	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	245528	19.337	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	23691	19.003	ug/l	97
82) 4-Chlorotoluene	12.849	91	205147	18.894	ug/l	98
83) tert-Butylbenzene	13.068	119	225146	19.384	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	245564	19.303	ug/l	97
85) sec-Butylbenzene	13.251	105	326649	19.161	ug/l	99
86) p-Isopropyltoluene	13.367	119	273851	19.407	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	142699	19.506	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	144487	19.805	ug/l	98
89) n-Butylbenzene	13.690	91	252205	19.022	ug/l	96
90) Hexachloroethane	13.959	117	52100	19.013	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	132361	19.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14998	20.400	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	84625	19.588	ug/l	97
94) Hexachlorobutadiene	15.105	225	48420	20.668	ug/l	96
95) Naphthalene	15.233	128	219107	21.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	76786	19.635	ug/l	98

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Instrument :
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

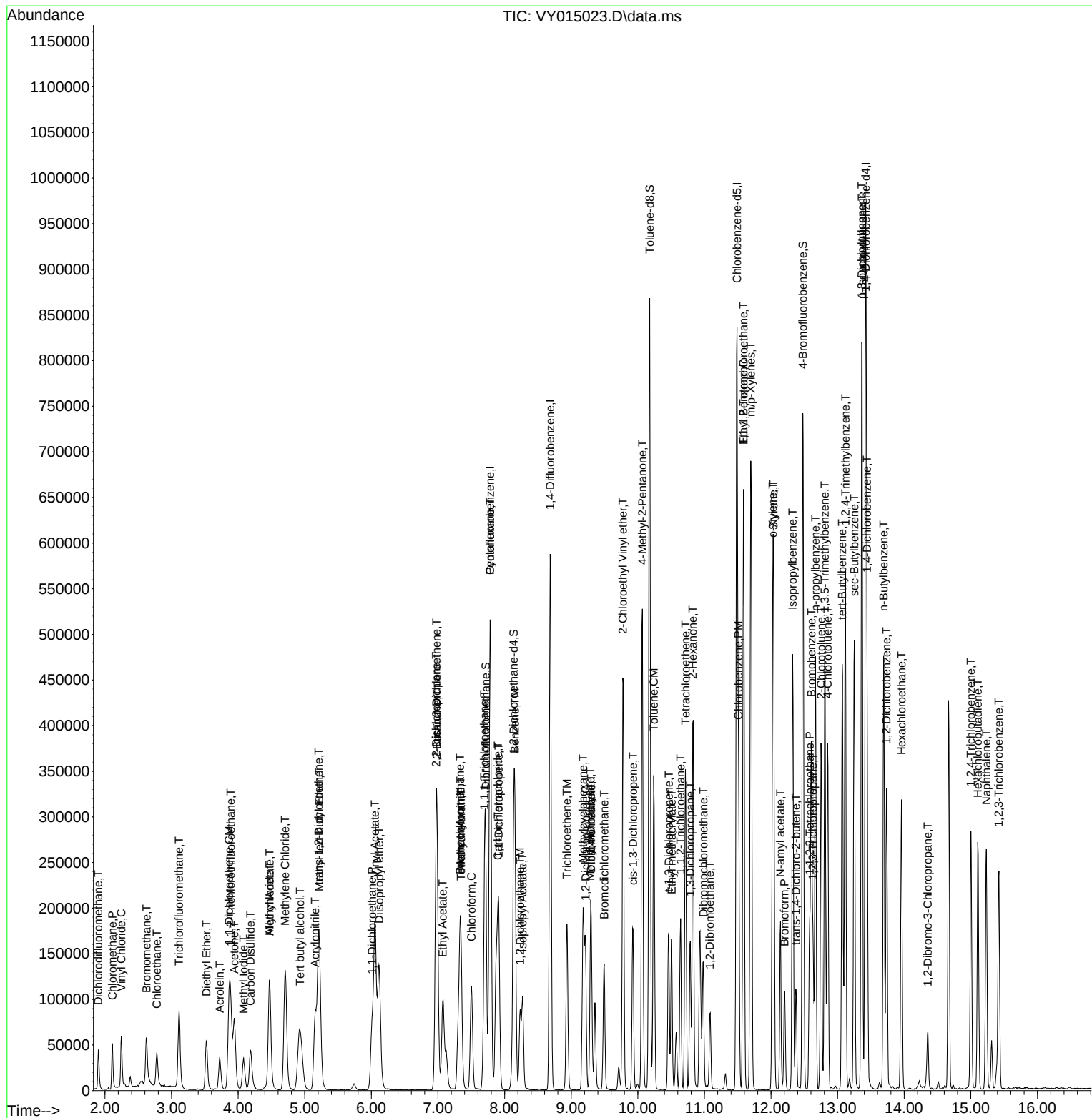
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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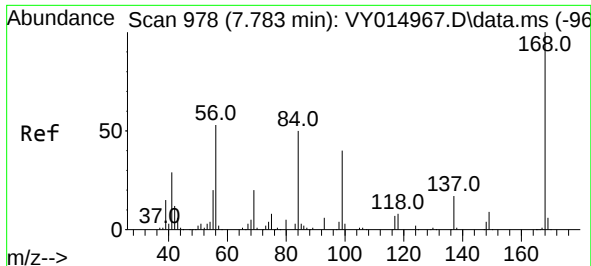
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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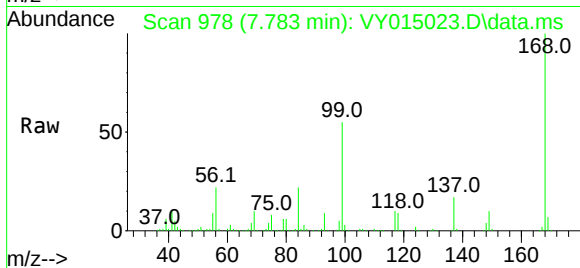
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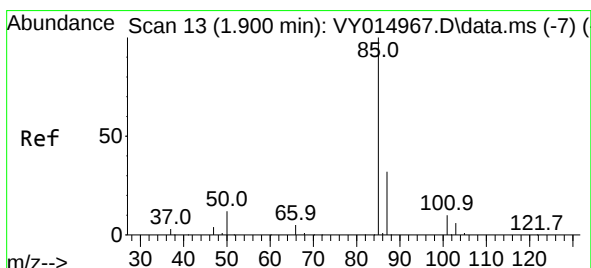
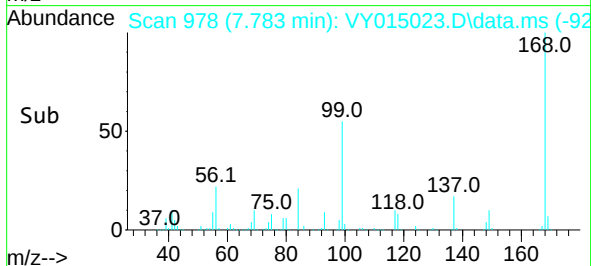
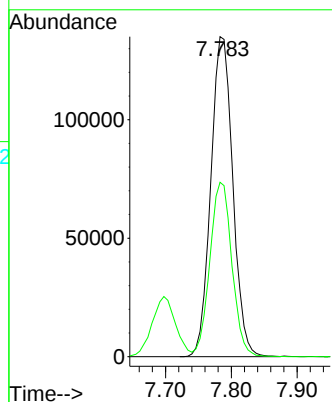


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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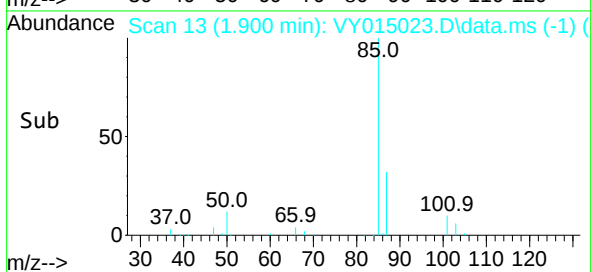
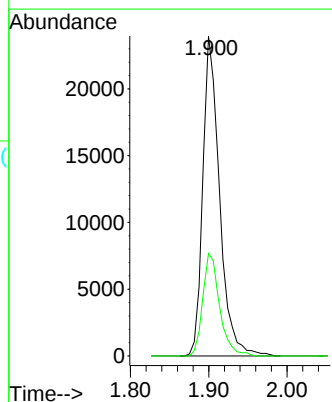
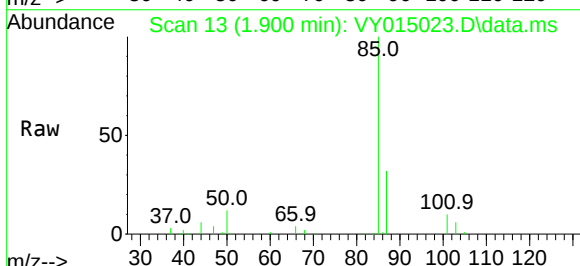


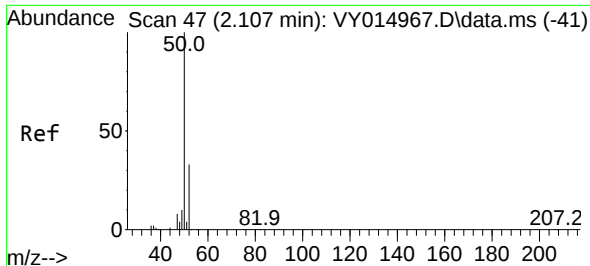
Tgt Ion:168 Resp: 314168
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.216 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 85 Resp: 35499
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8

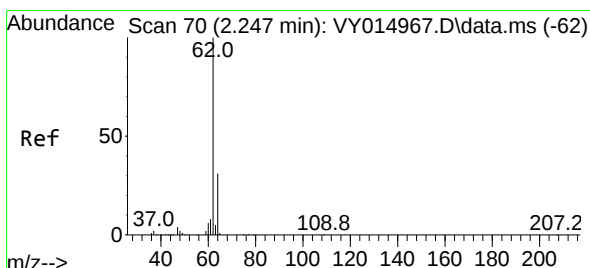
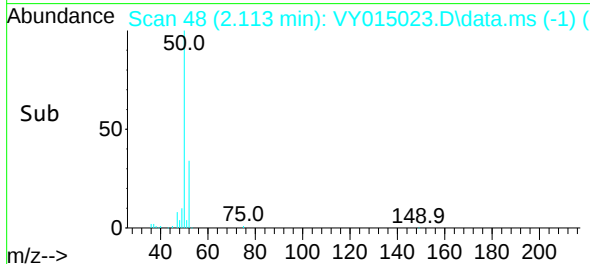
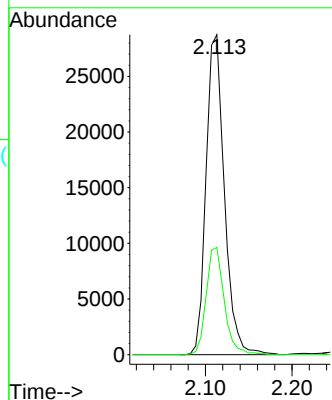
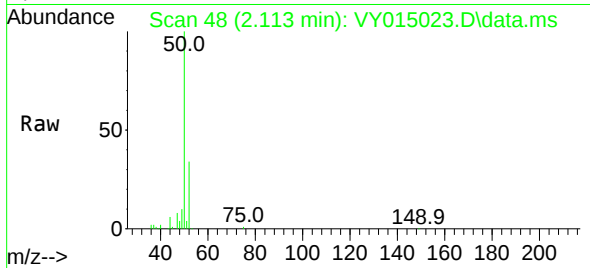




#3
Chloromethane
Concen: 17.086 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

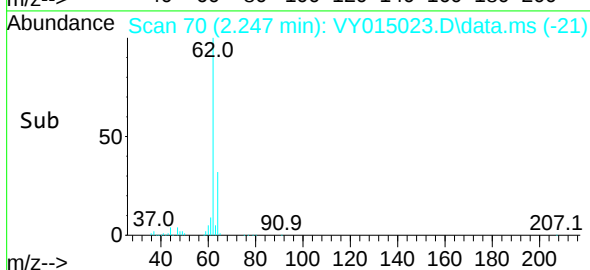
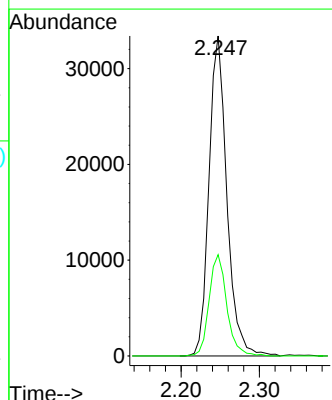
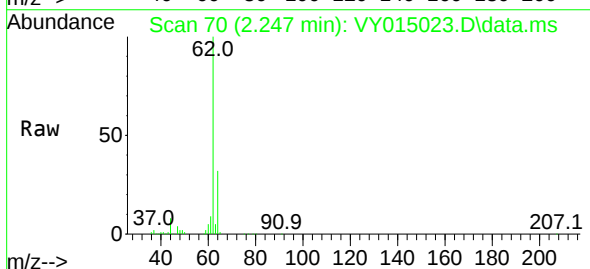
Instrument :
MSVOA_Y
ClientSampleId :

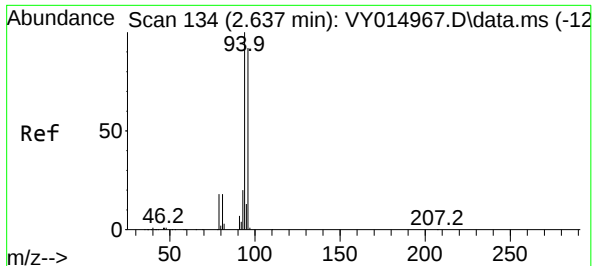
Tgt Ion: 50 Resp: 42244
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#4
Vinyl Chloride
Concen: 17.370 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 62 Resp: 52921
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

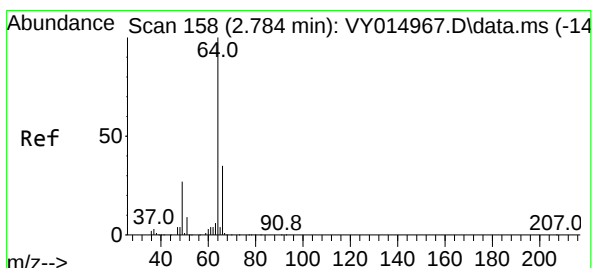
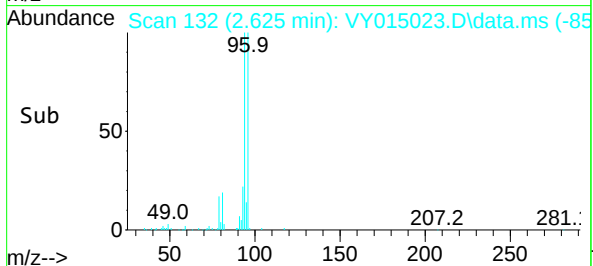
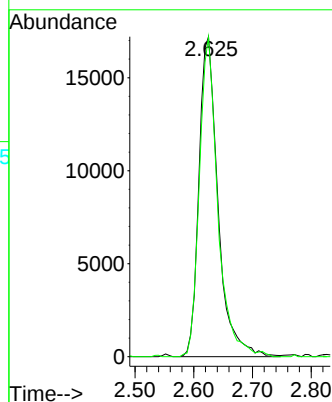
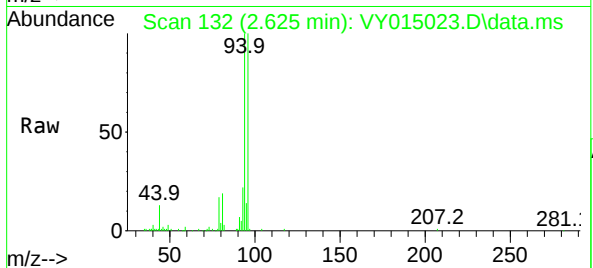




#5
Bromomethane
Concen: 17.139 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

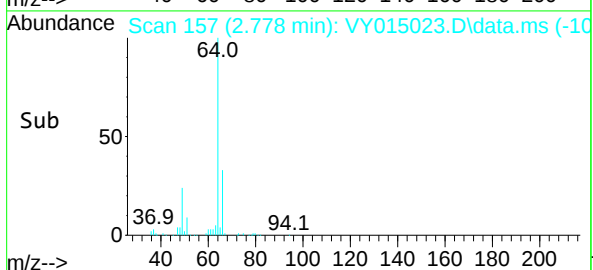
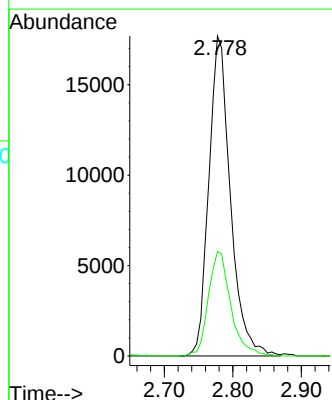
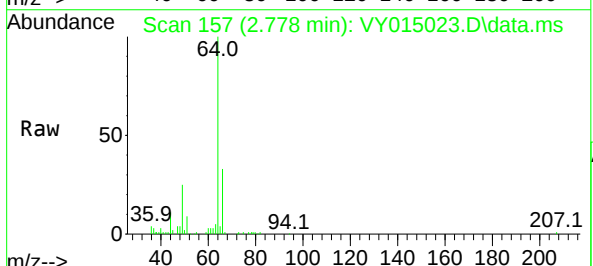
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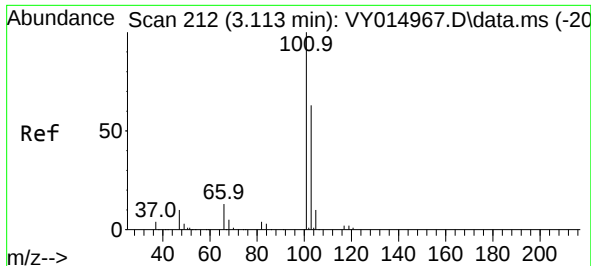
Tgt Ion: 94 Resp: 38895
Ion Ratio Lower Upper
94 100
96 99.9 75.8 113.6



#6
Chloroethane
Concen: 18.423 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 64 Resp: 38754
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

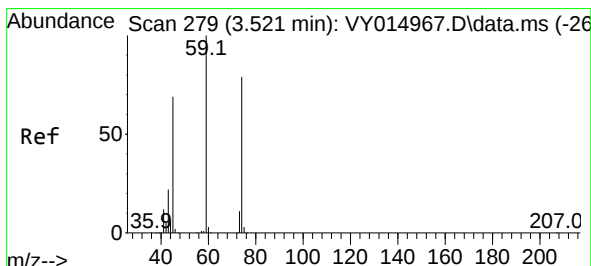
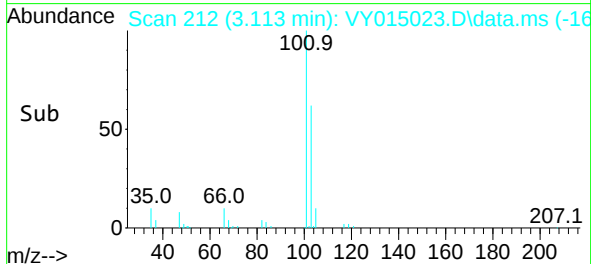
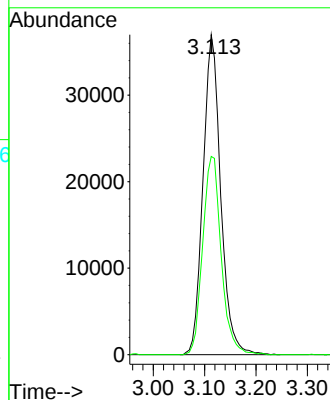
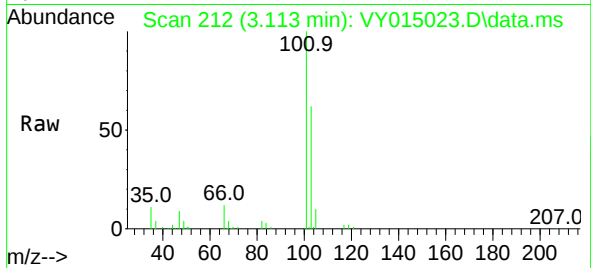




#7
 Trichlorofluoromethane
 Concen: 18.389 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY015023.D
 Acq: 10 Aug 2023 13:29

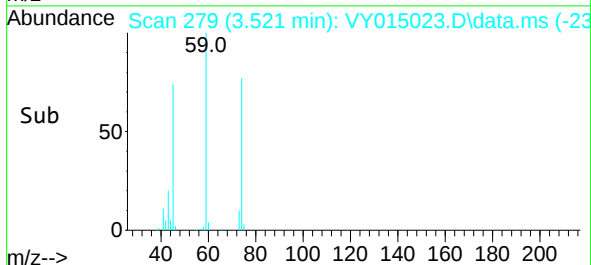
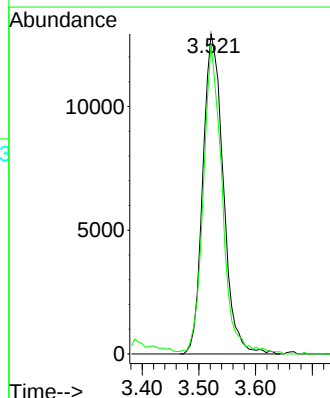
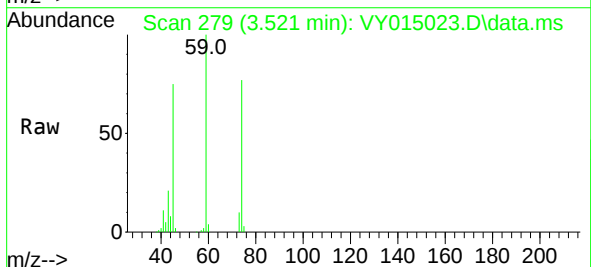
Instrument :
 MSVOA_Y
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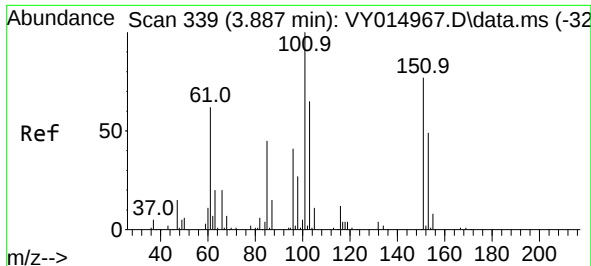
Tgt Ion:101 Resp: 88534
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.182 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 32302
 Ion Ratio Lower Upper
 74 100
 45 90.0 51.5 154.5

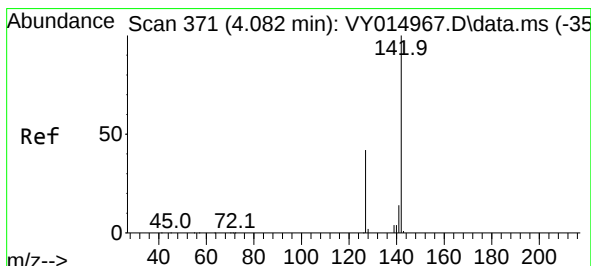
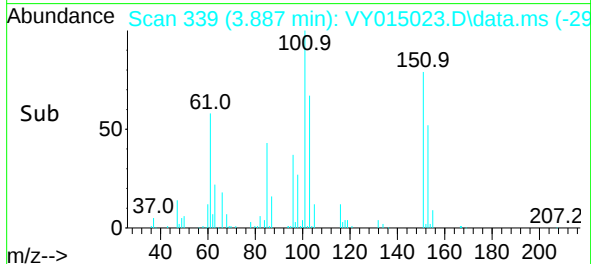
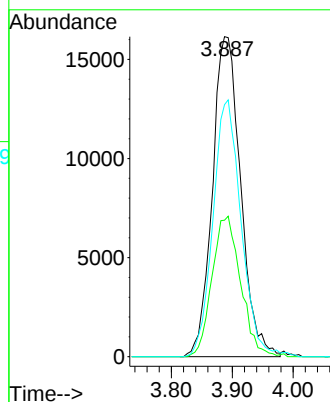
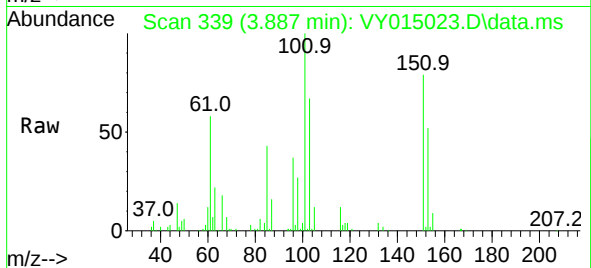




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.246 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

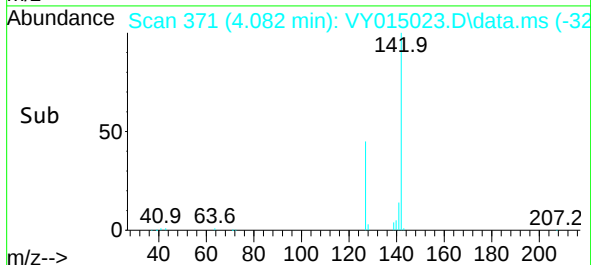
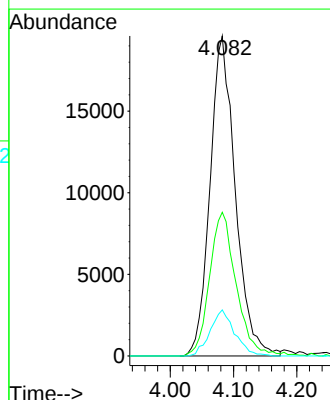
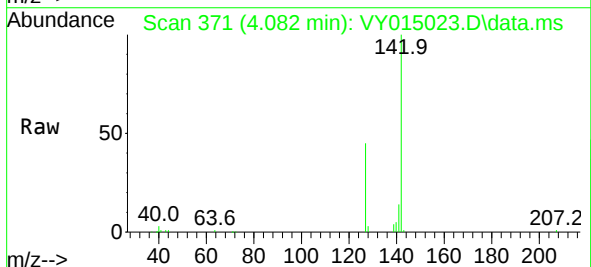
Instrument :
MSVOA_Y
ClientSampleId :

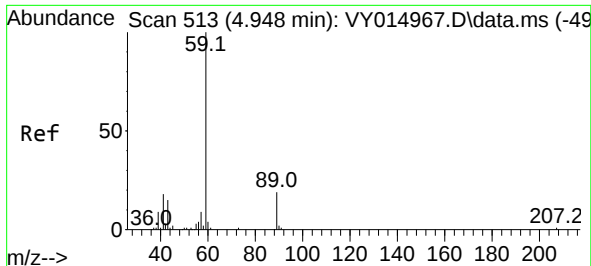
Tgt Ion:101 Resp: 52003
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 80.2 67.0 100.6



#10
Methyl Iodide
Concen: 18.495 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

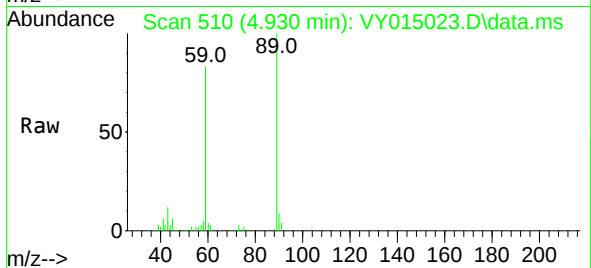
Tgt Ion:142 Resp: 54497
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 14.0 11.8 17.8



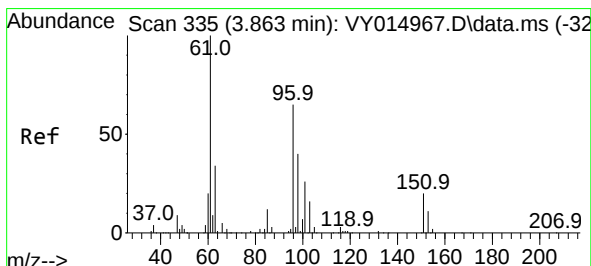
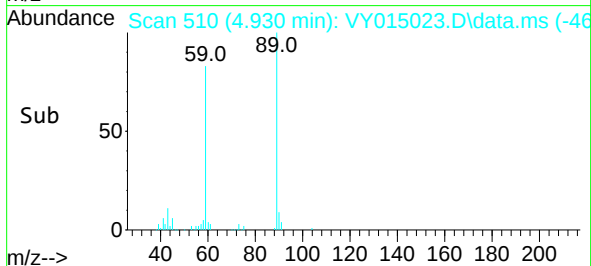
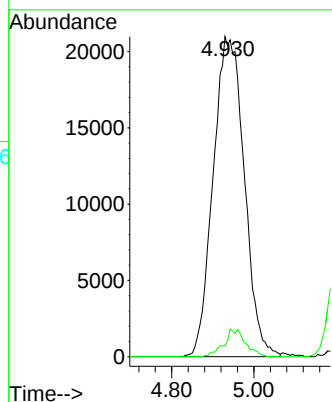


#11
Tert butyl alcohol
Concen: 119.746 ug/l
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

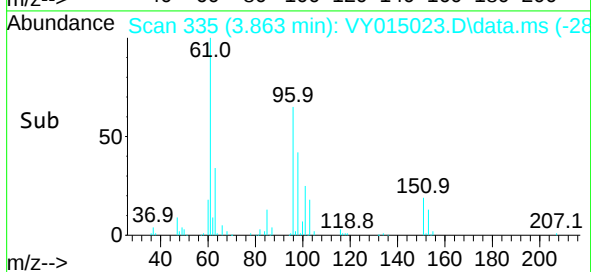
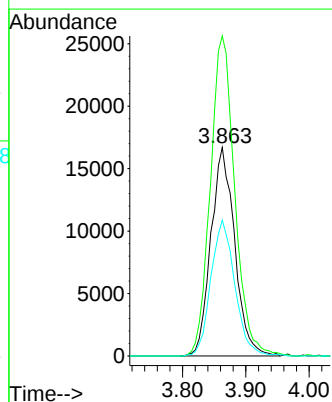
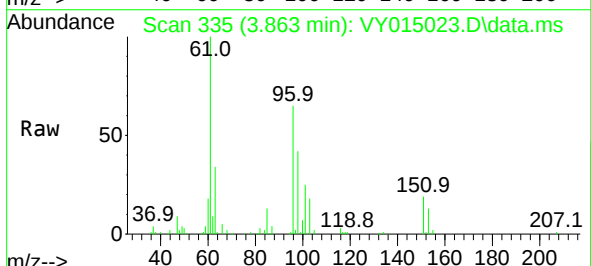


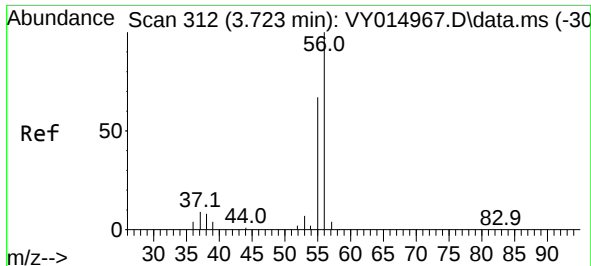
Tgt Ion: 59 Resp: 110045
Ion Ratio Lower Upper
59 100
57 5.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.548 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

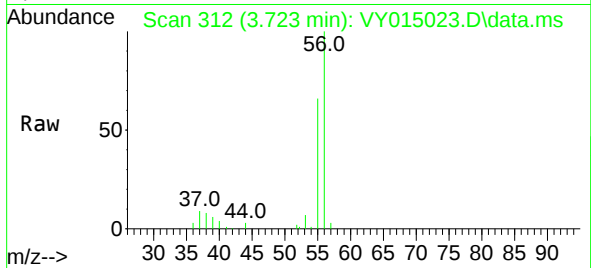
Tgt Ion: 96 Resp: 43576
Ion Ratio Lower Upper
96 100
61 153.5 136.4 204.6
98 65.2 49.4 74.2



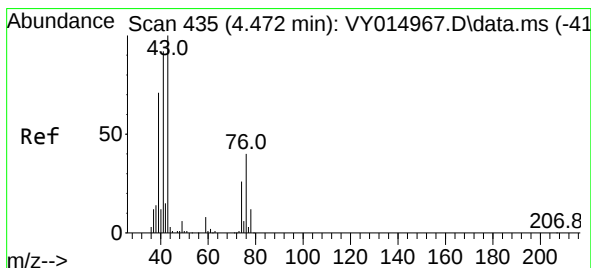
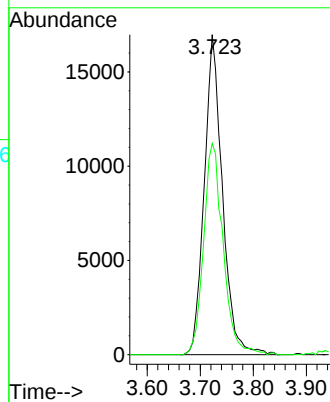
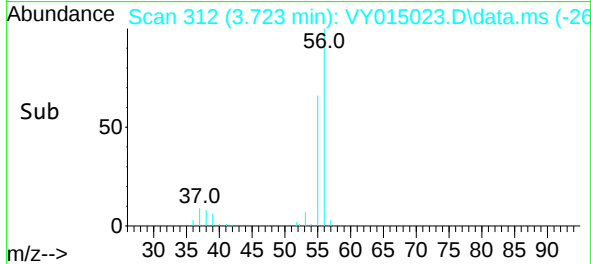


#13
Acrolein
Concen: 129.240 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

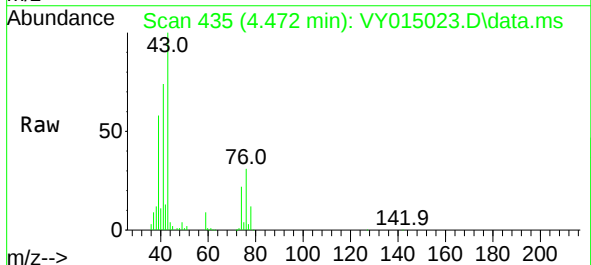
Instrument :
MSVOA_Y
ClientSampleId :



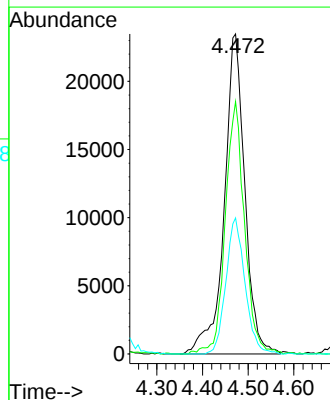
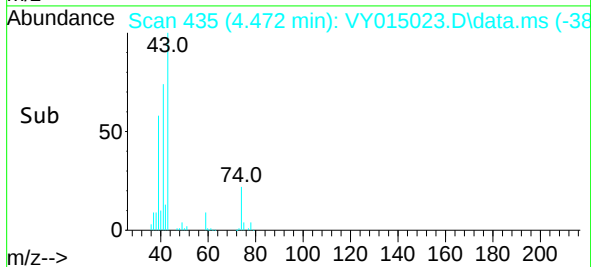
Tgt Ion: 56 Resp: 40404
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4

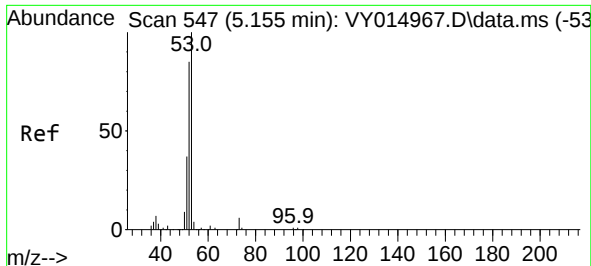


#14
Allyl chloride
Concen: 17.764 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29



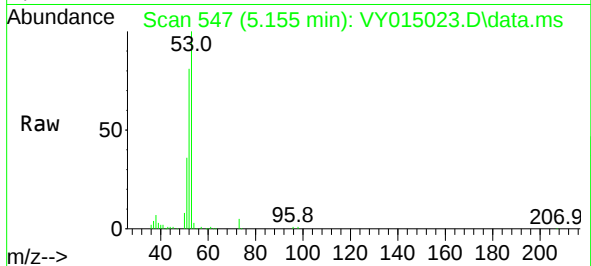
Tgt Ion: 41 Resp: 73457
Ion Ratio Lower Upper
41 100
39 73.8 58.0 87.0
76 39.5 27.4 41.2



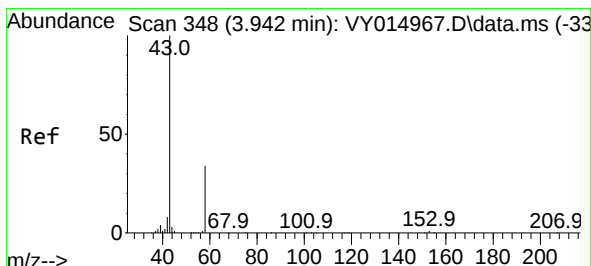
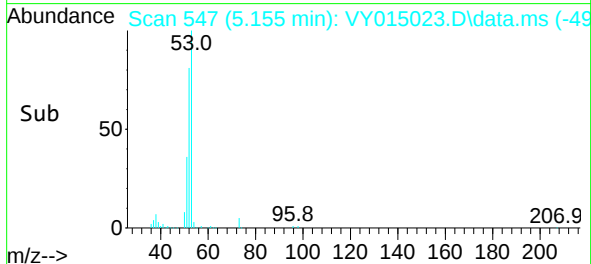
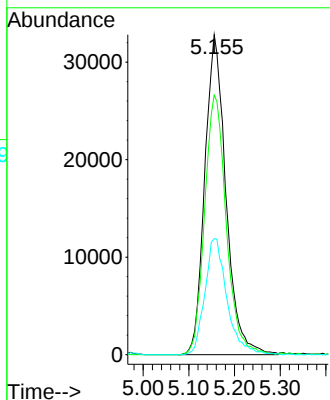


#15
Acrylonitrile
Concen: 97.166 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

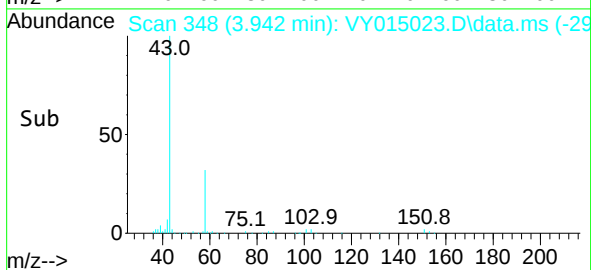
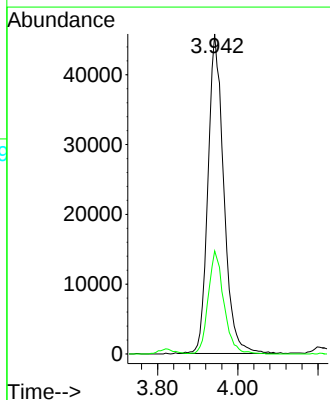
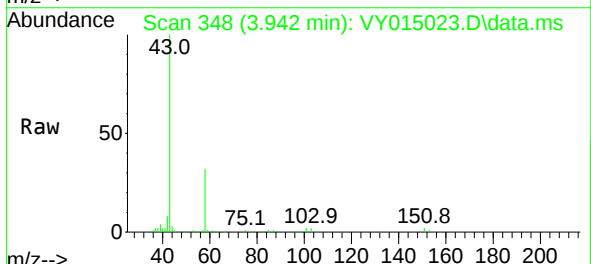


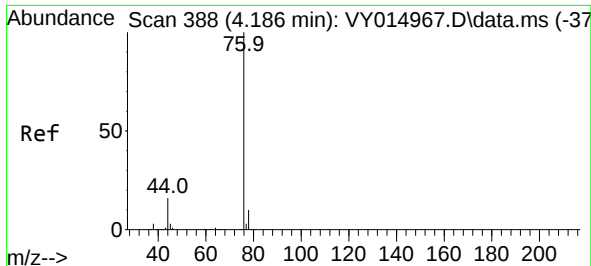
Tgt Ion: 53 Resp: 105459
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 38.0 29.8 44.6



#16
Acetone
Concen: 105.467 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

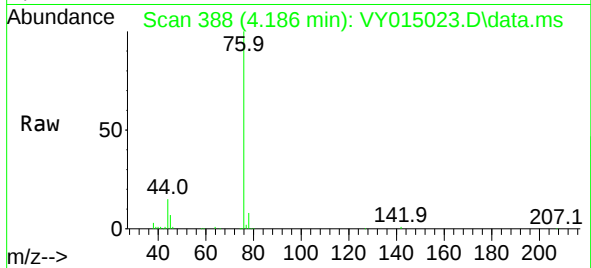
Tgt Ion: 43 Resp: 125231
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1



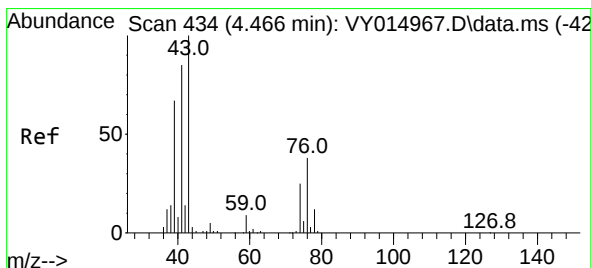
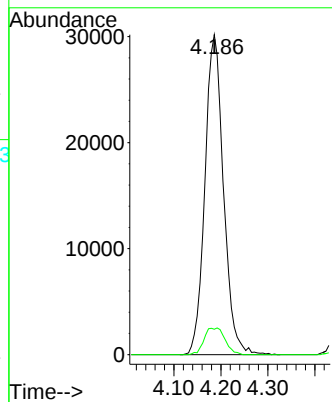
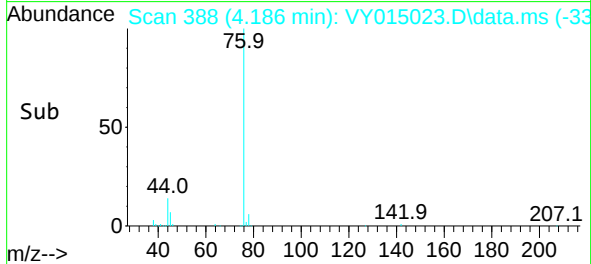


#17
Carbon Disulfide
Concen: 15.077 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

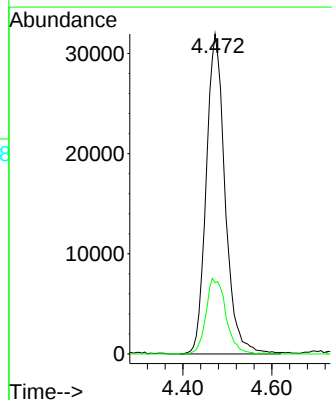
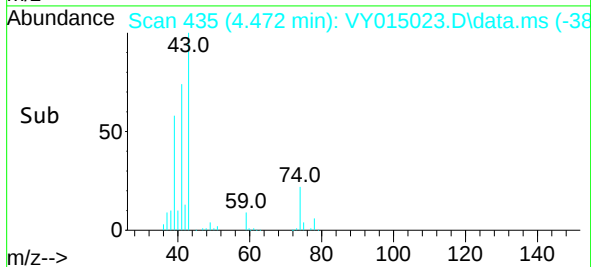
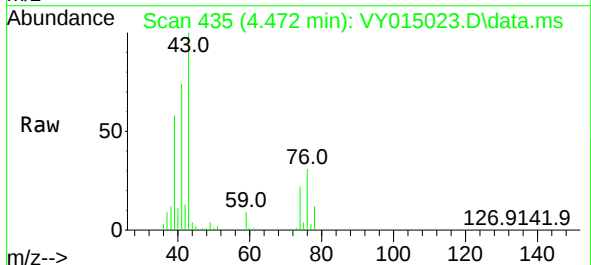


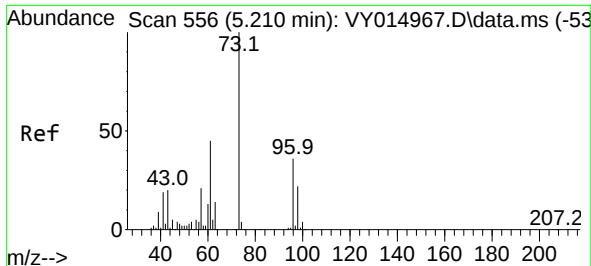
Tgt Ion: 76 Resp: 82777
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#18
Methyl Acetate
Concen: 21.826 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 43 Resp: 94378
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 18.970 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

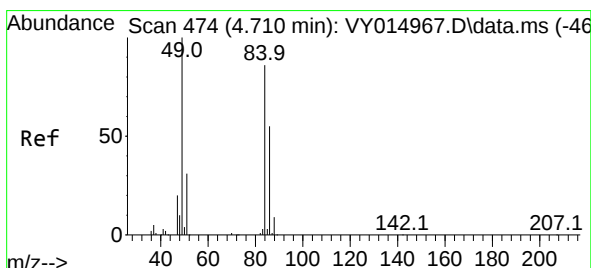
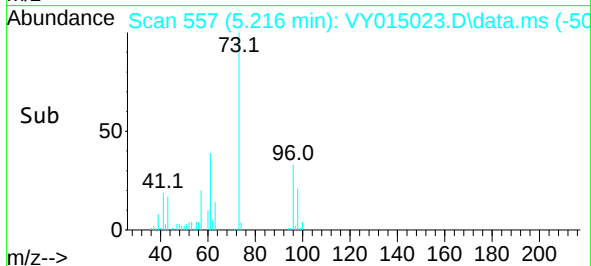
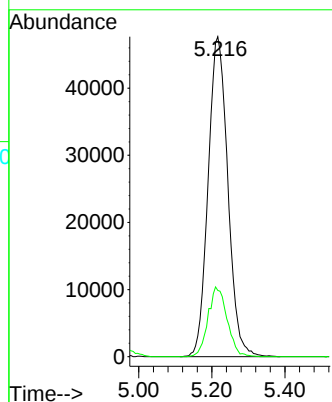
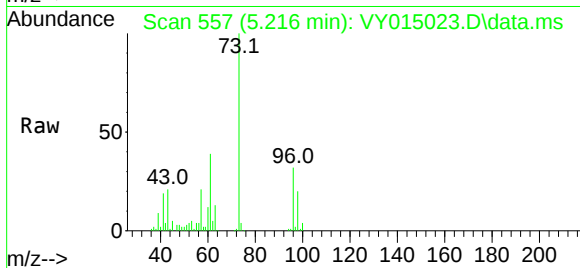
ClientSampleId :

Tgt Ion: 73 Resp: 178225

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 11.463 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Tgt Ion: 84 Resp: 102527

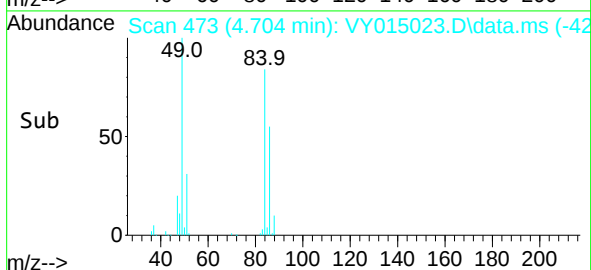
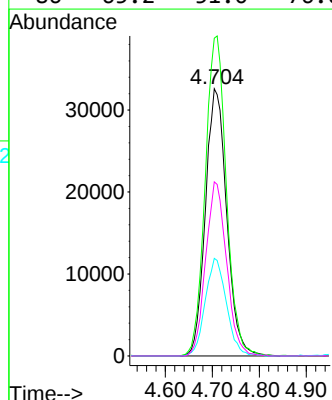
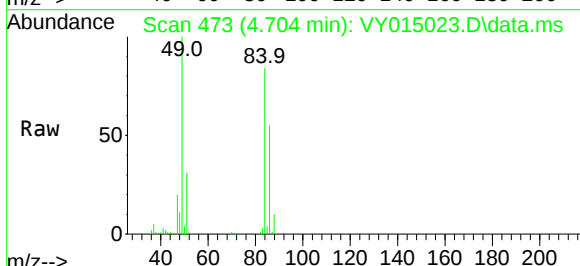
Ion Ratio Lower Upper

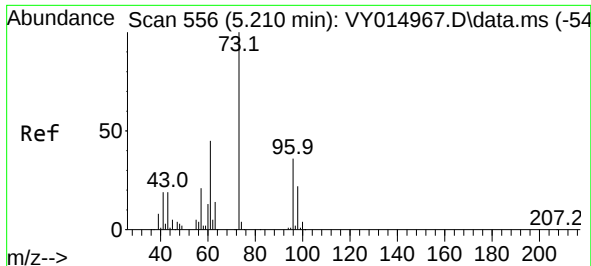
84 100

49 118.9 106.9 160.3

51 36.5 33.2 49.8

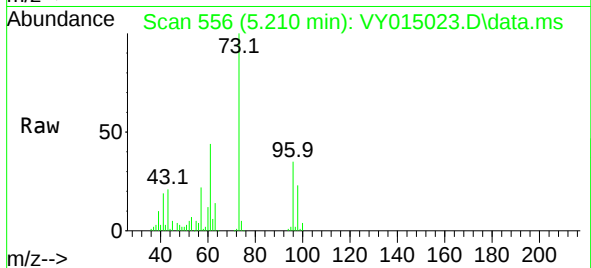
86 65.2 51.0 76.6



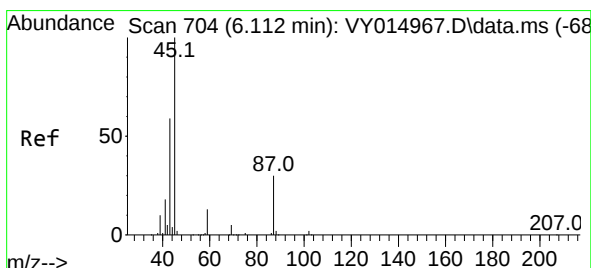
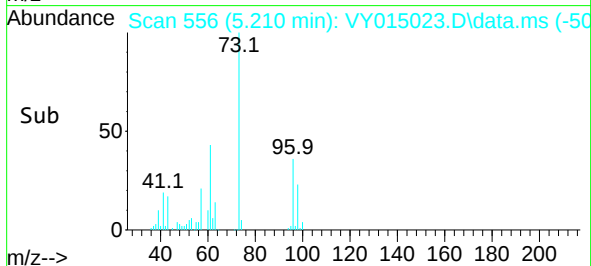
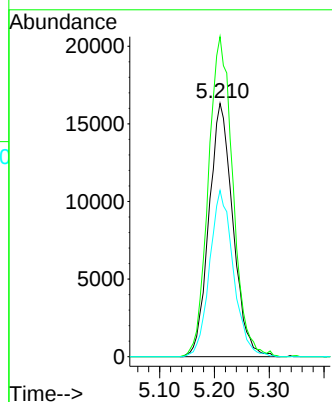


#21
trans-1,2-Dichloroethene
Concen: 17.512 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

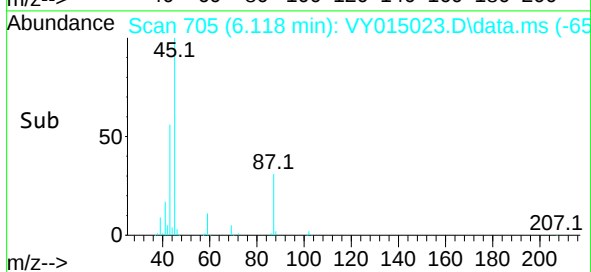
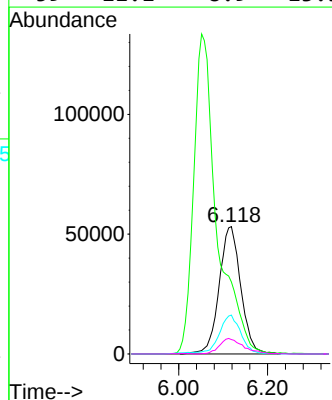
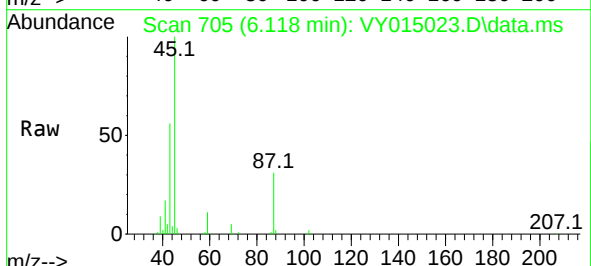


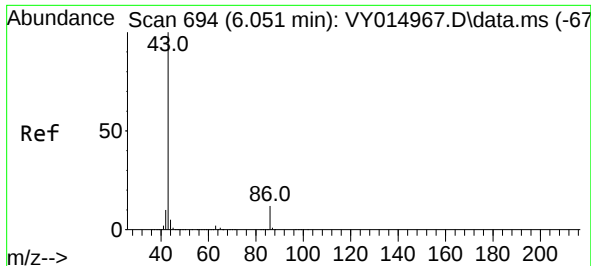
Tgt Ion: 96 Resp: 49568
Ion Ratio Lower Upper
96 100
61 126.3 110.2 165.4
98 65.6 51.8 77.6



#22
Diisopropyl ether
Concen: 18.587 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 45 Resp: 179036
Ion Ratio Lower Upper
45 100
43 55.5 52.2 78.4
87 30.6 21.0 31.6
59 11.1 8.9 13.3

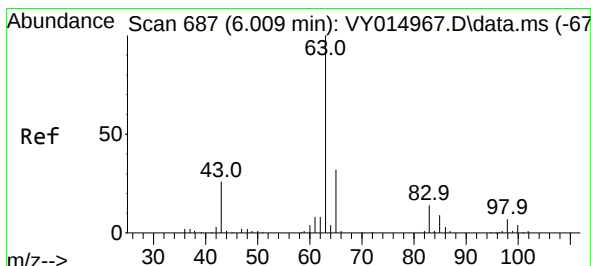
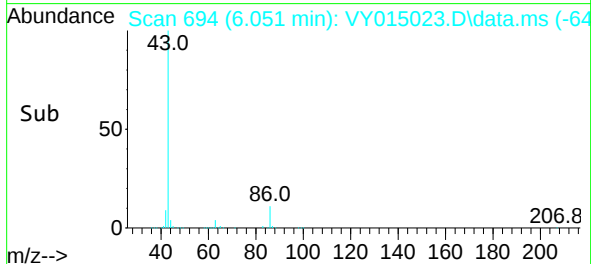
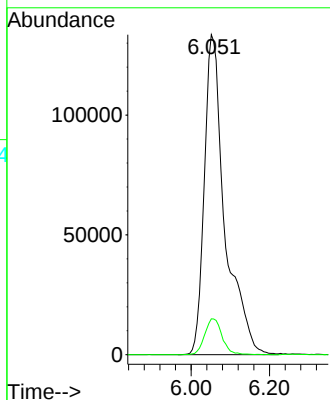
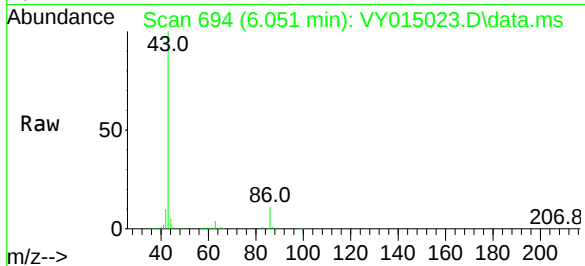




#23
 Vinyl Acetate
 Concen: 83.959 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015023.D
 Acq: 10 Aug 2023 13:29

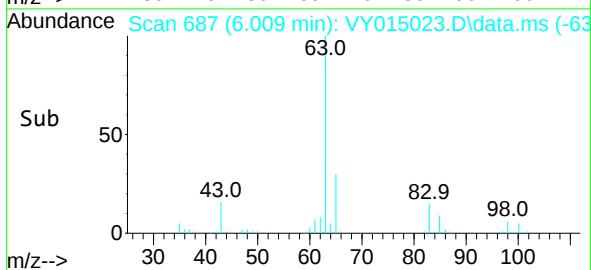
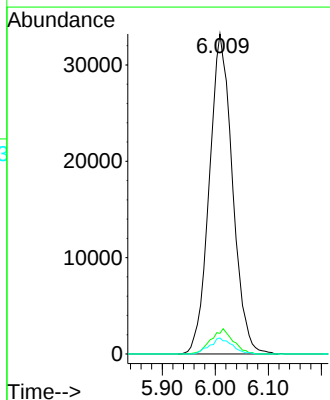
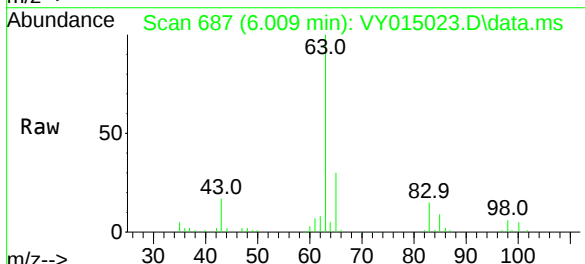
Instrument :
 MSVOA_Y
 ClientSampleId :

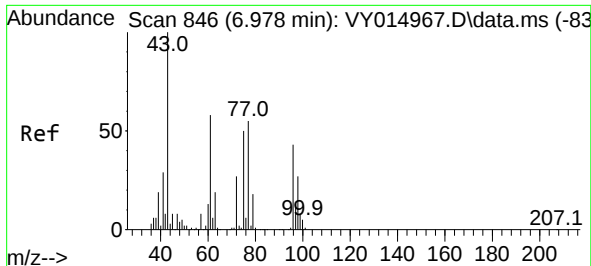
Tgt Ion: 43 Resp: 486141
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 18.442 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015023.D
 Acq: 10 Aug 2023 13:29

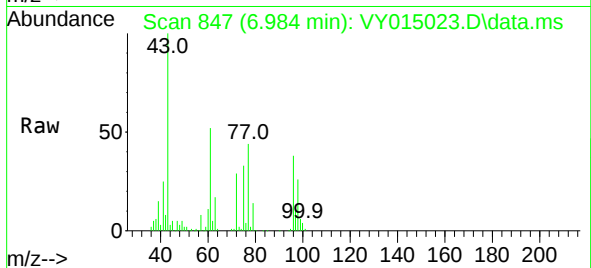
Tgt Ion: 63 Resp: 100759
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 5.0 1.8 5.5



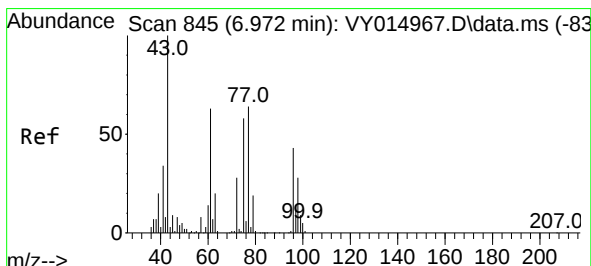
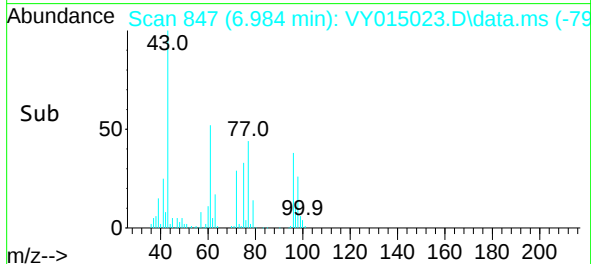
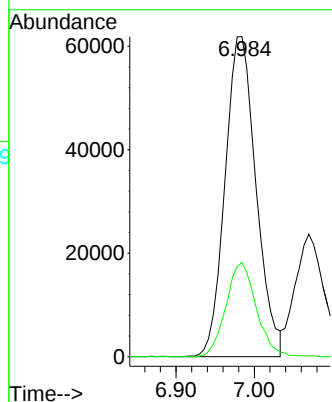


#25
2-Butanone
Concen: 100.175 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

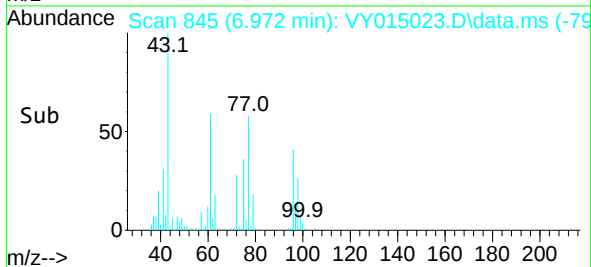
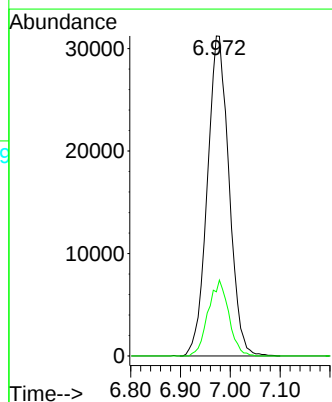
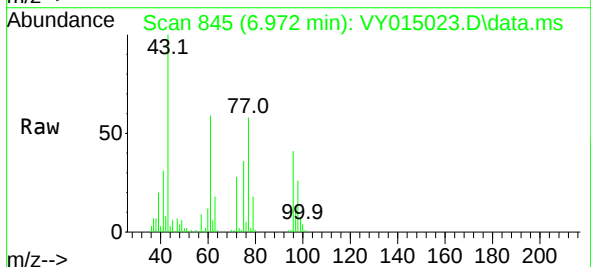


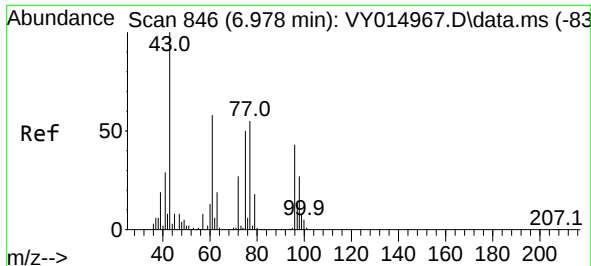
Tgt Ion: 43 Resp: 170368
Ion Ratio Lower Upper
43 100
72 29.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 17.059 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 77 Resp: 94305
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

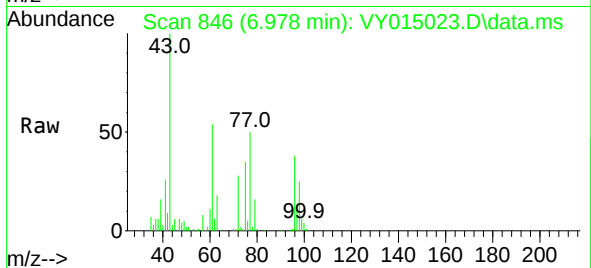
Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :



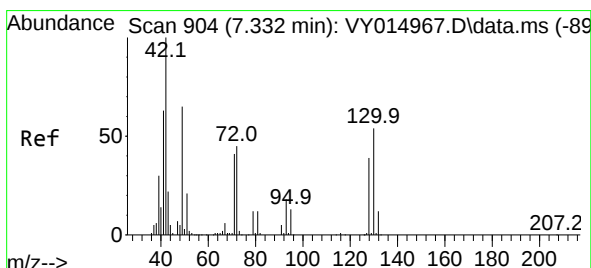
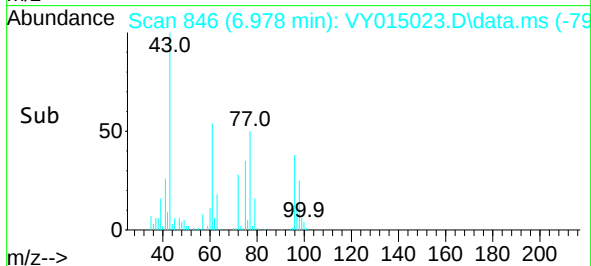
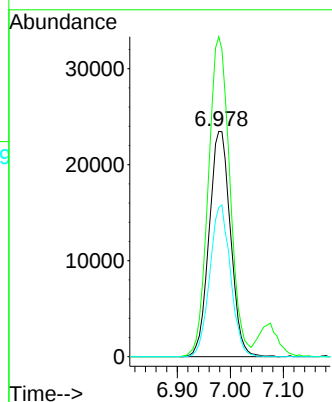
Tgt Ion: 96 Resp: 65763

Ion Ratio Lower Upper

96 100

61 142.8 0.0 301.4

98 65.3 0.0 130.4



#28

Bromochloromethane

Concen: 19.547 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

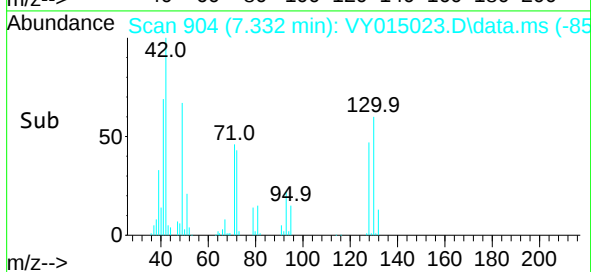
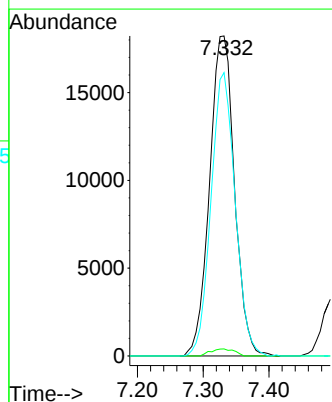
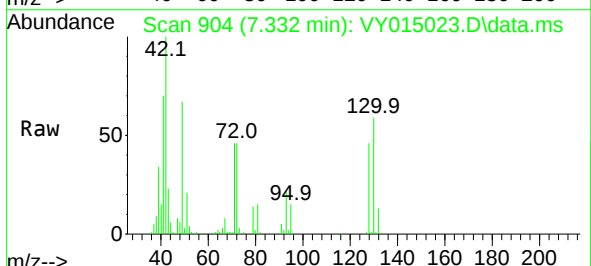
Tgt Ion: 49 Resp: 48143

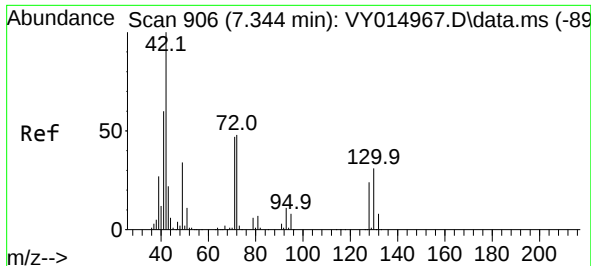
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 85.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 94.917 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

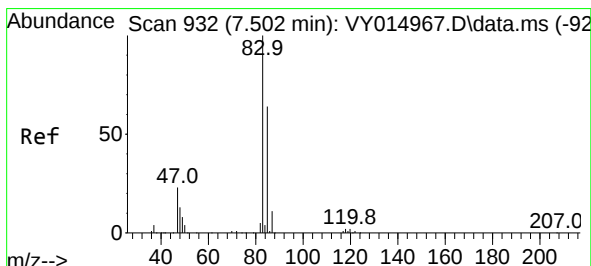
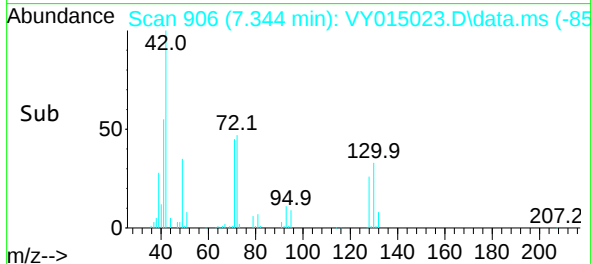
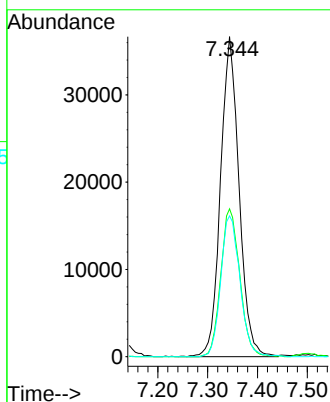
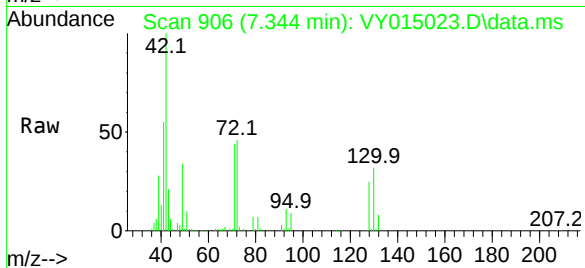
Tgt Ion: 42 Resp: 94663

Ion Ratio Lower Upper

42 100

72 47.6 32.8 49.2

71 45.6 31.0 46.4



#30

Chloroform

Concen: 18.785 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015023.D

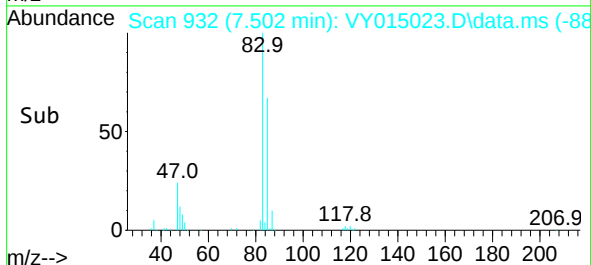
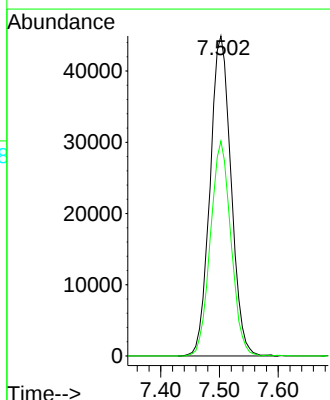
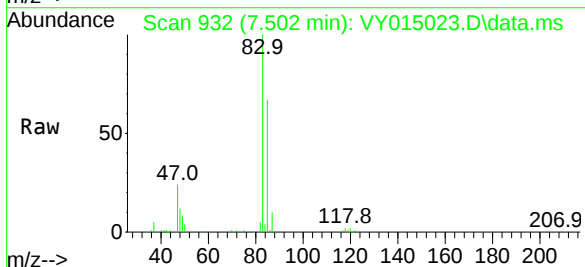
Acq: 10 Aug 2023 13:29

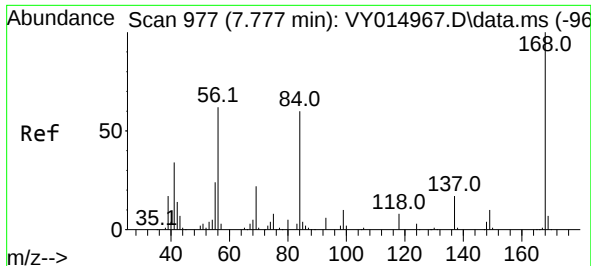
Tgt Ion: 83 Resp: 111490

Ion Ratio Lower Upper

83 100

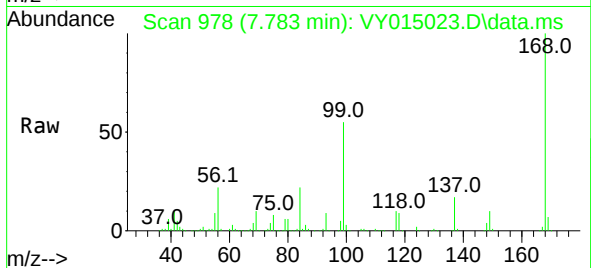
85 67.2 49.7 74.5



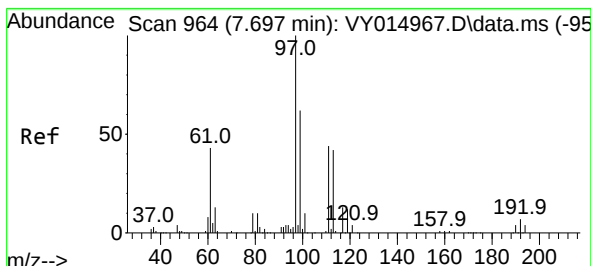
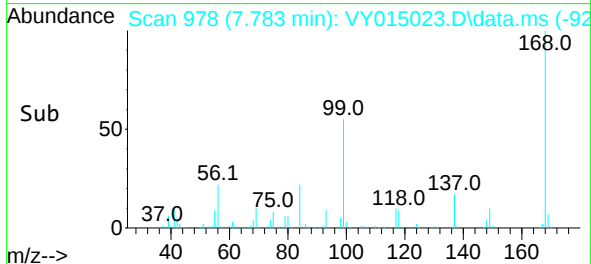
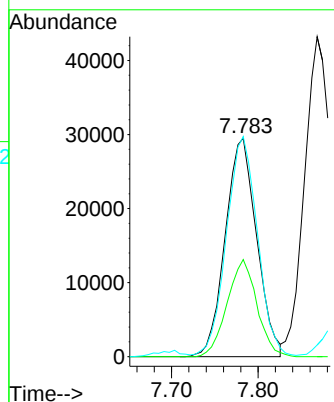


#31
Cyclohexane
Concen: 16.524 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

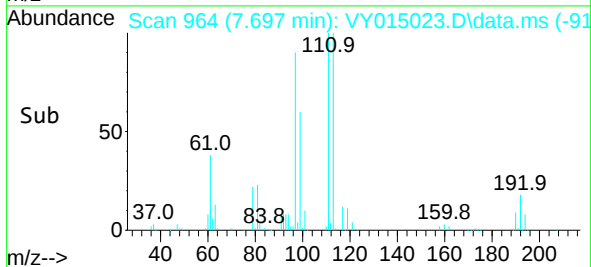
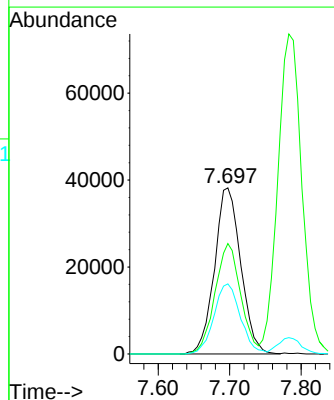
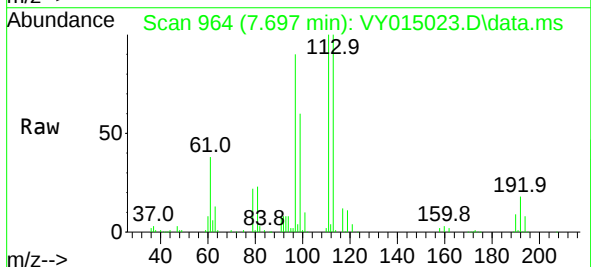


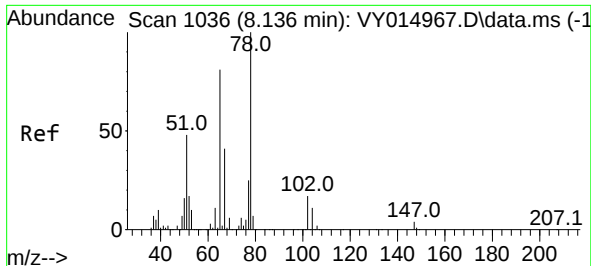
Tgt Ion: 56 Resp: 74349
Ion Ratio Lower Upper
56 100
69 44.5 27.8 41.6#
84 99.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.607 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 97 Resp: 97319
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 42.7 35.1 52.7

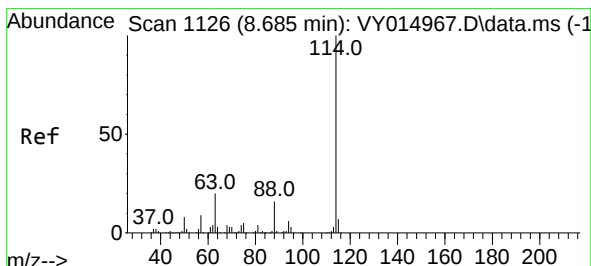
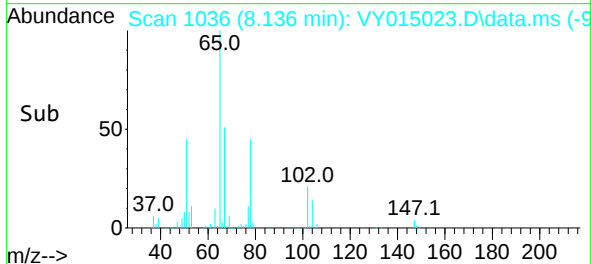
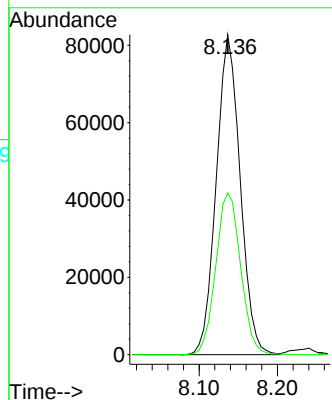
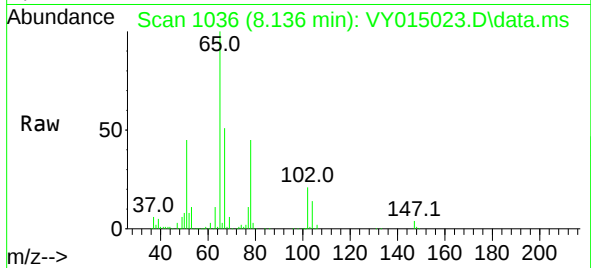




#33
 1,2-Dichloroethane-d4
 Concen: 46.106 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015023.D
 Acq: 10 Aug 2023 13:29

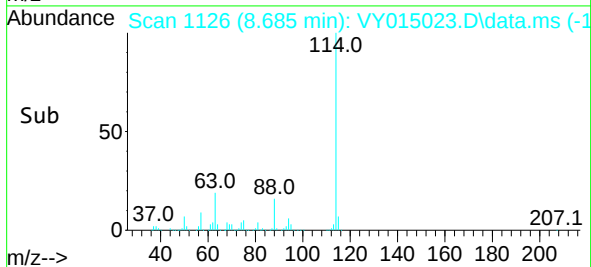
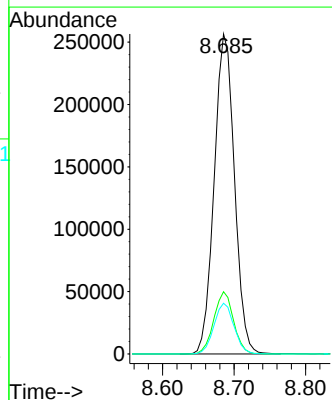
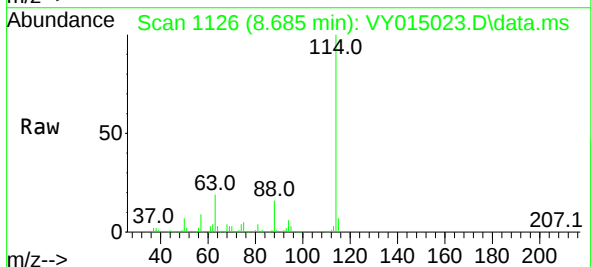
Instrument :
 MSVOA_Y
 ClientSampleId :

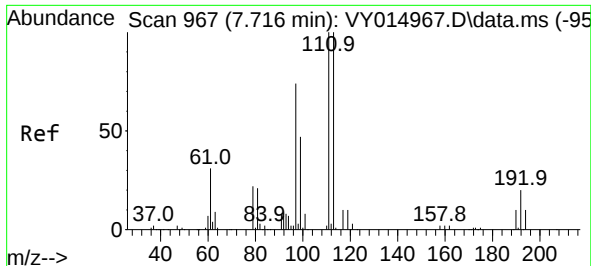
Tgt Ion: 65 Resp: 175561
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015023.D
 Acq: 10 Aug 2023 13:29

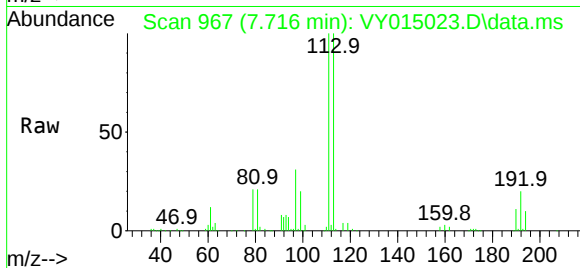
Tgt Ion: 114 Resp: 504826
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.9 0.0 30.6



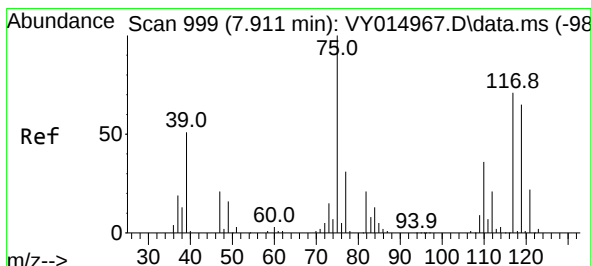
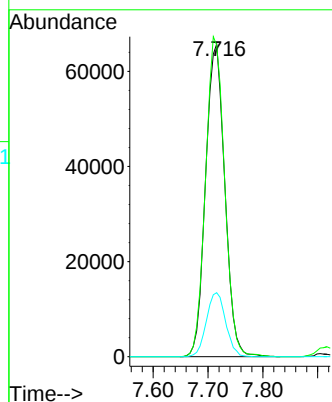
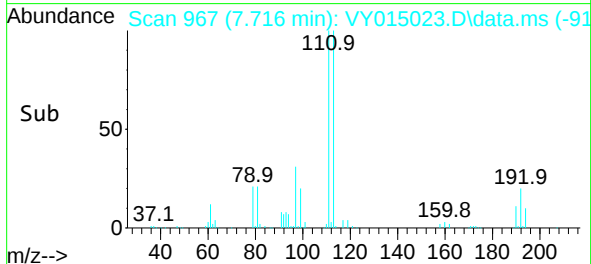


#35
Dibromofluoromethane
Concen: 49.478 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

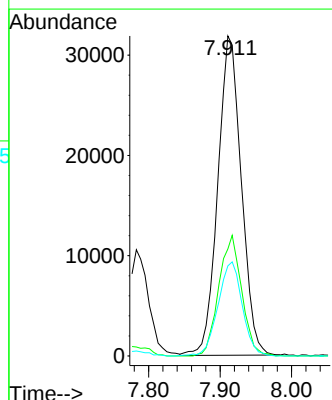
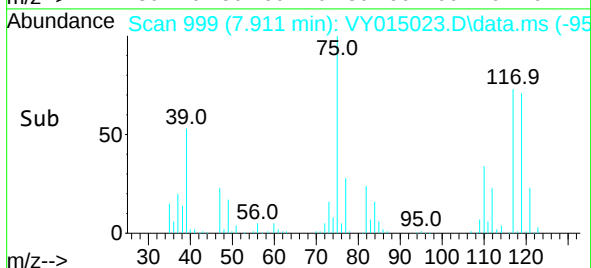
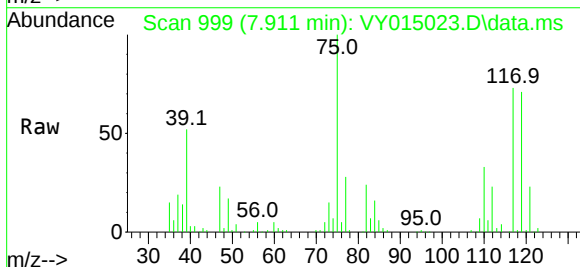


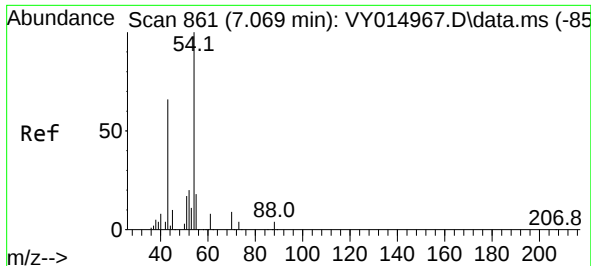
Tgt Ion:113 Resp: 159728
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.159 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 75 Resp: 72781
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 19.684 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

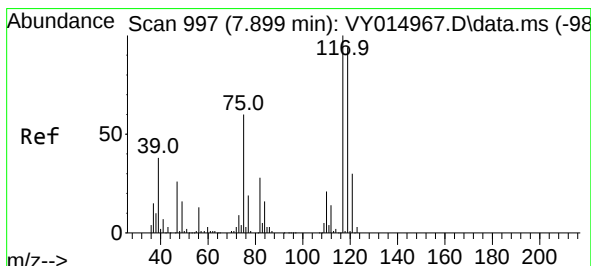
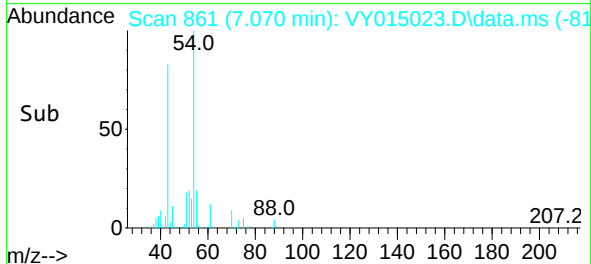
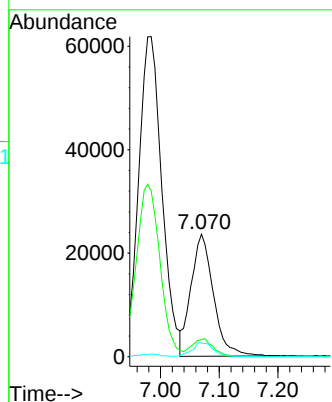
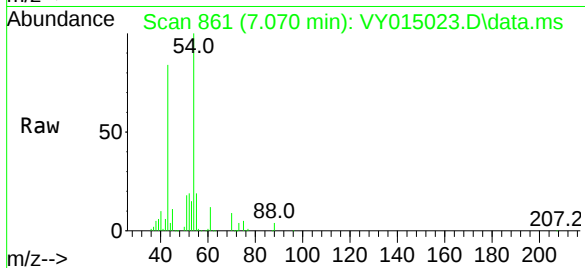
Tgt Ion: 43 Resp: 62622

Ion Ratio Lower Upper

43 100

61 14.3 10.1 15.1

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.948 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

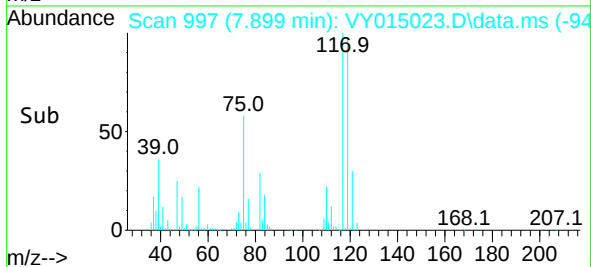
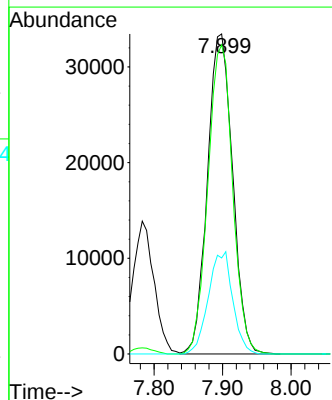
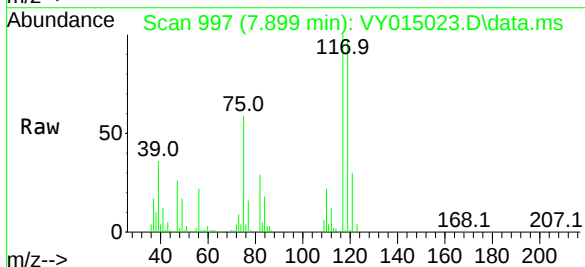
Tgt Ion: 117 Resp: 85374

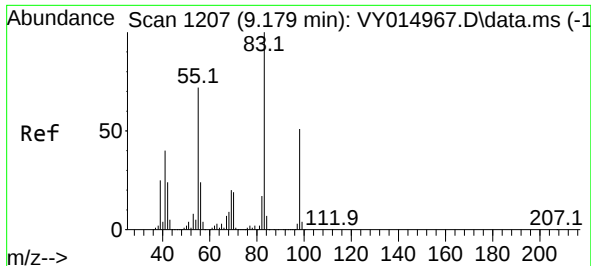
Ion Ratio Lower Upper

117 100

119 96.6 76.4 114.6

121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 17.474 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

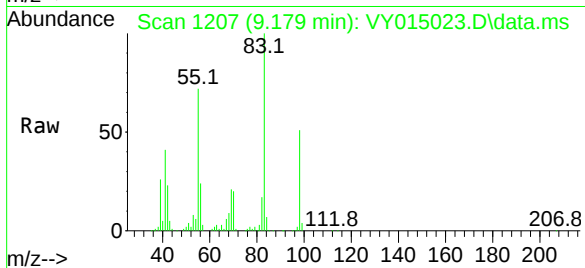
Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

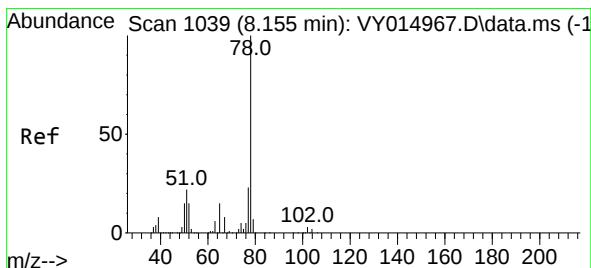
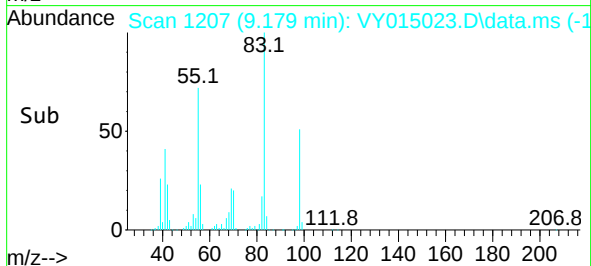
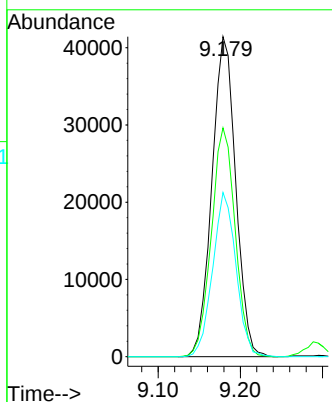
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	83286
Ion	Ratio	Lower	Upper
83	100		
55	71.5	63.0	94.4
98	51.3	37.4	56.2



#40

Benzene

Concen: 18.394 ug/l

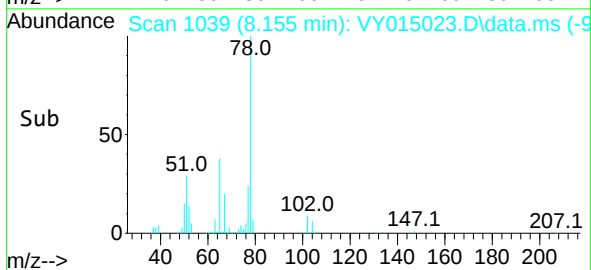
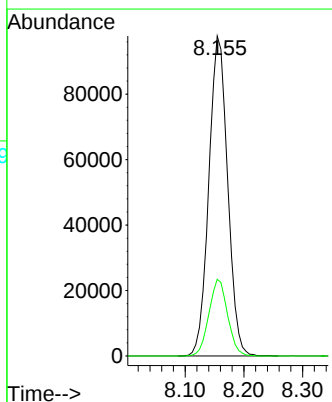
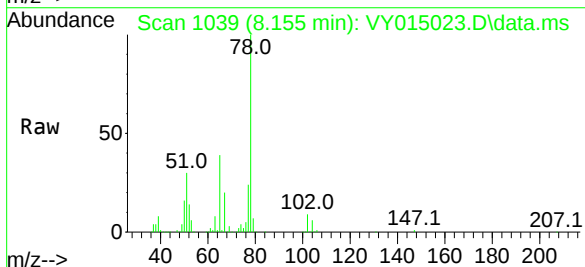
RT: 8.155 min Scan# 1039

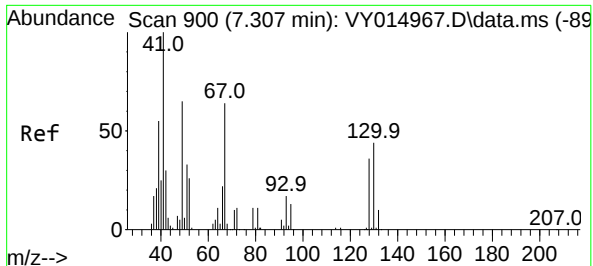
Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

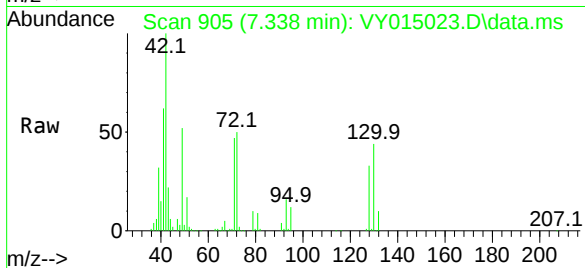
Tgt Ion:	78	Resp:	217082
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6



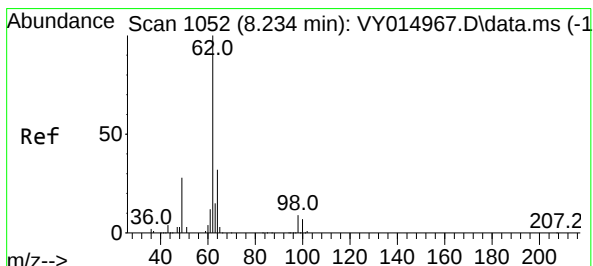
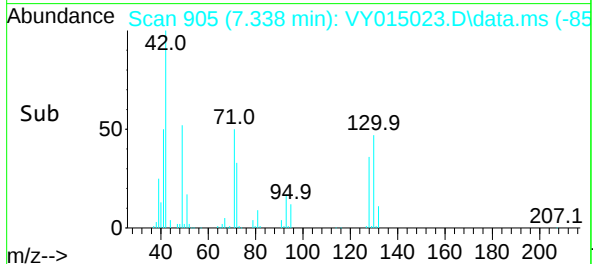
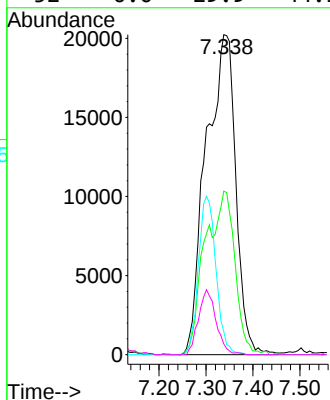


#41
Methacrylonitrile
Concen: 57.379 ug/l
RT: 7.338 min Scan# 900
Delta R.T. 0.031 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :

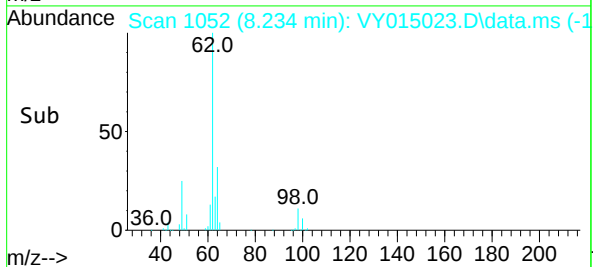
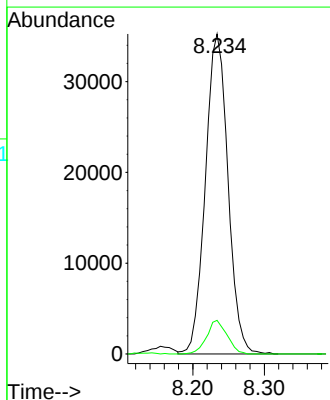
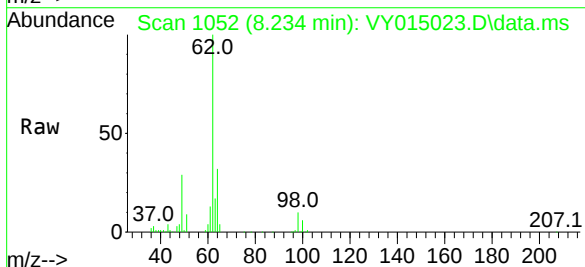


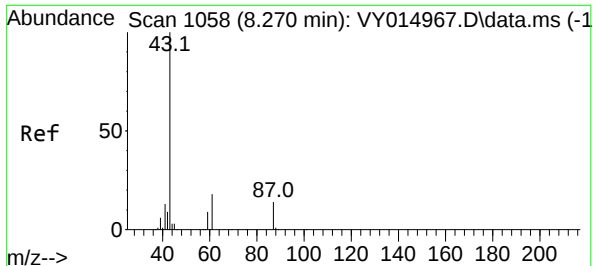
Tgt Ion: 41 Resp: 88711
Ion Ratio Lower Upper
41 100
39 29.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 18.830 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 62 Resp: 77356
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

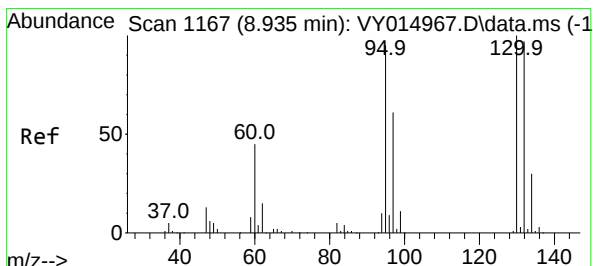
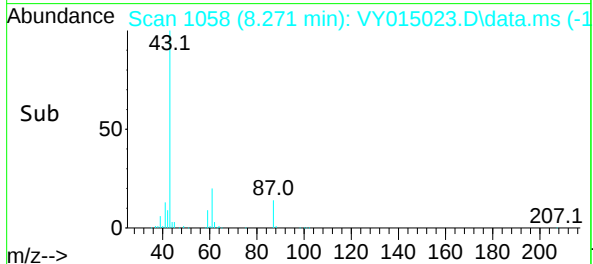
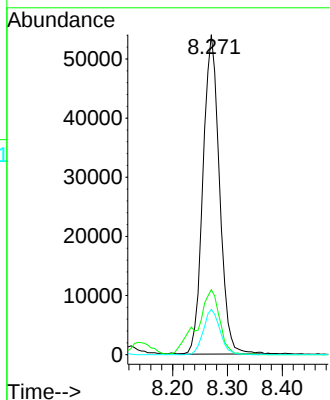
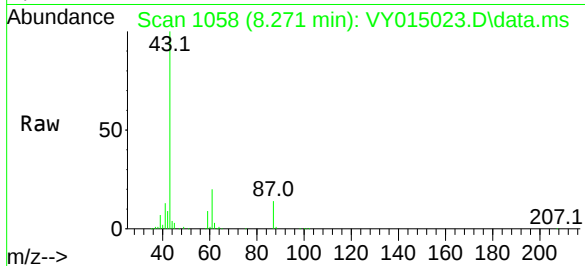




#43
Isopropyl Acetate
Concen: 19.074 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

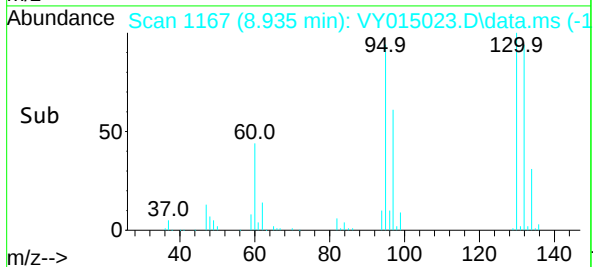
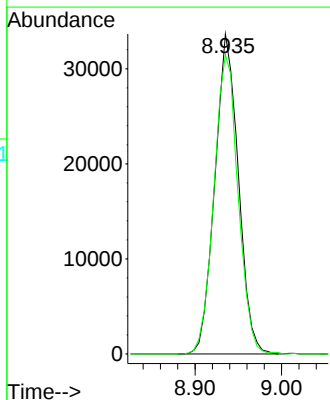
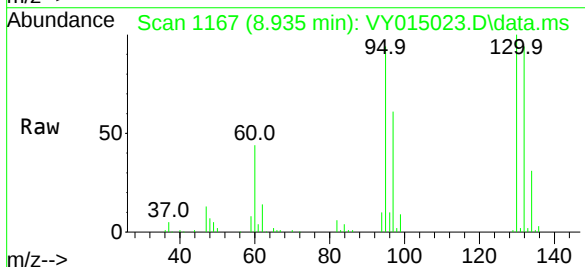
Instrument :
MSVOA_Y
ClientSampleId :

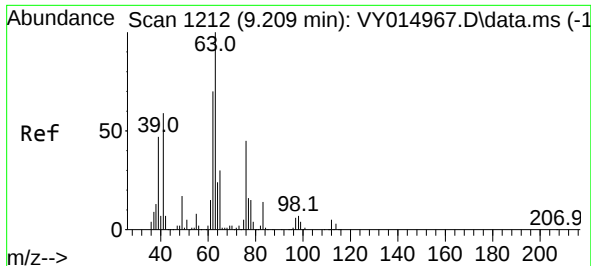
Tgt Ion: 43 Resp: 112741
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 18.739 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion:130 Resp: 63456
Ion Ratio Lower Upper
130 100
95 93.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.725 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

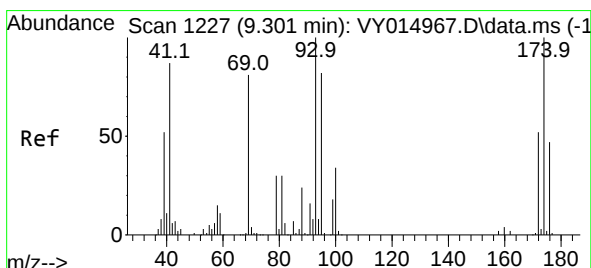
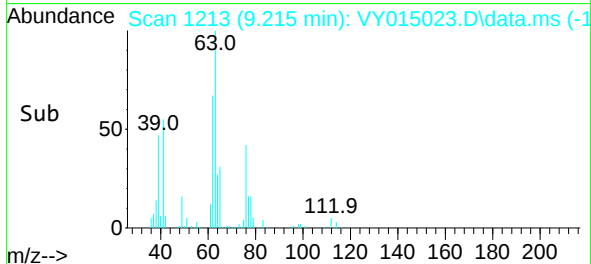
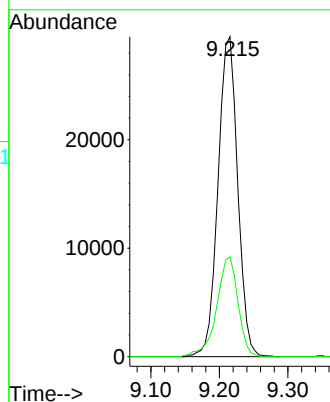
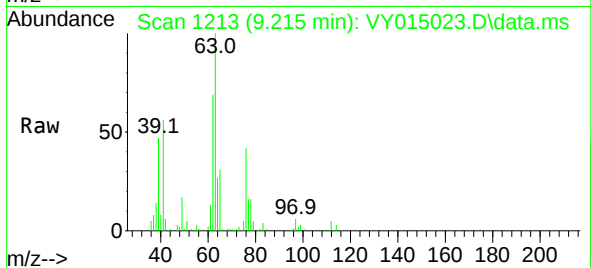
ClientSampleId :

Tgt Ion: 63 Resp: 58732

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.6



#46

Dibromomethane

Concen: 19.062 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

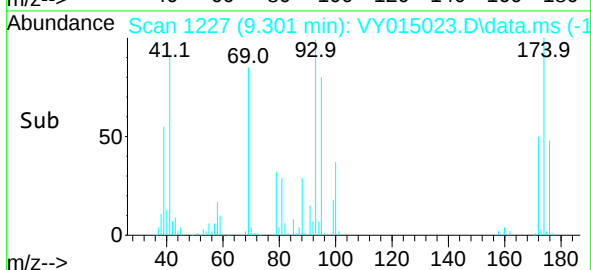
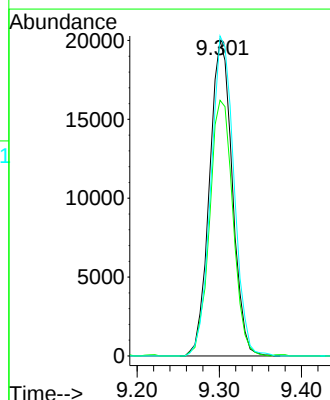
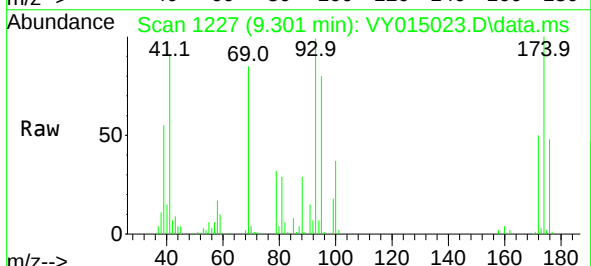
Tgt Ion: 93 Resp: 38515

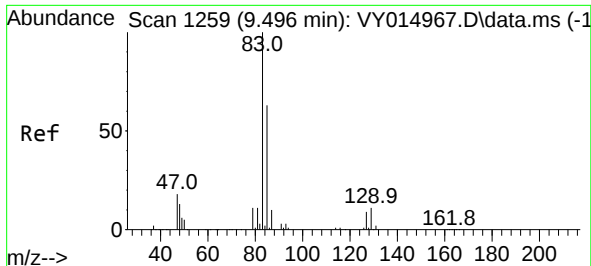
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 102.4 84.8 127.2

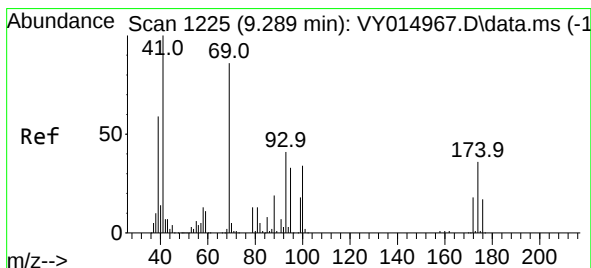
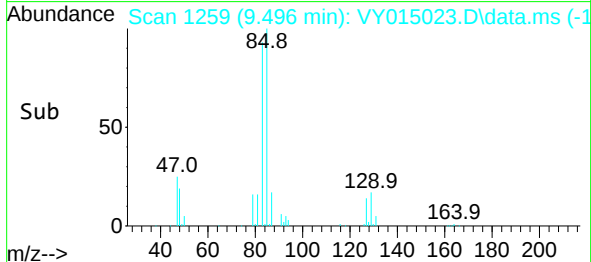
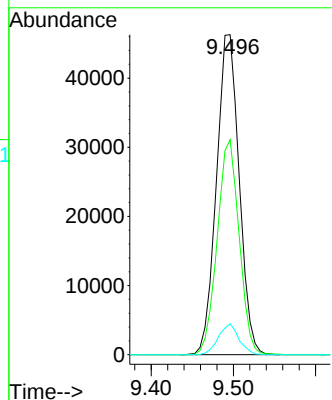
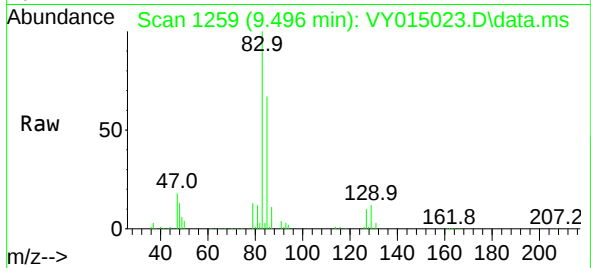




#47
Bromodichloromethane
Concen: 19.102 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

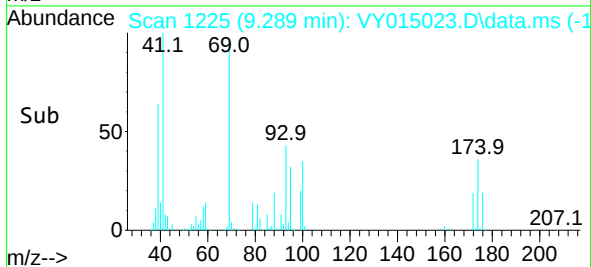
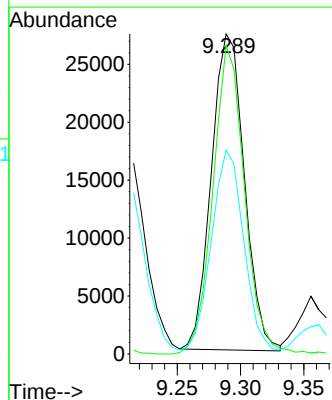
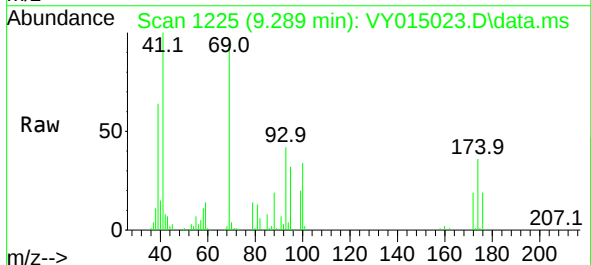
Instrument :
MSVOA_Y
ClientSampleId :

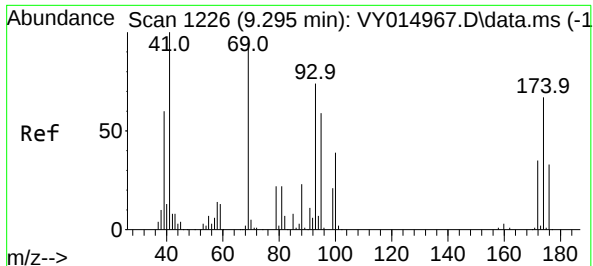
Tgt Ion: 83 Resp: 88882
Ion Ratio Lower Upper
83 100
85 67.2 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 19.114 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 41 Resp: 49570
Ion Ratio Lower Upper
41 100
69 93.7 64.5 96.7
39 64.3 50.8 76.2





#49

1,4-Dioxane

Concen: 407.284 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

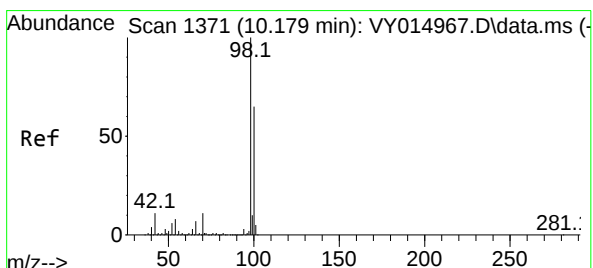
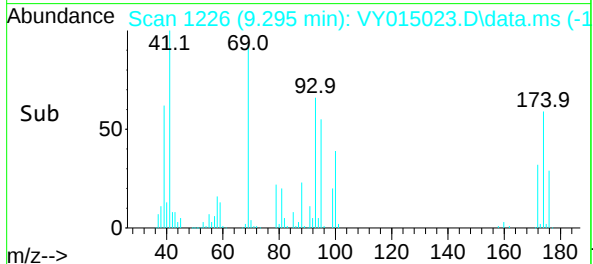
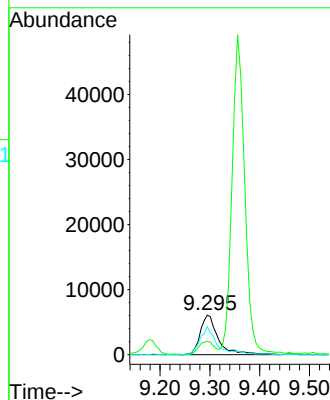
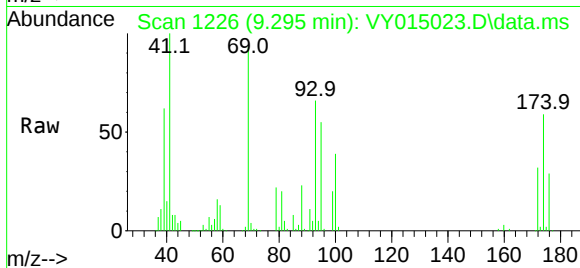
Tgt Ion: 88 Resp: 15307

Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 59.7 30.9 46.3#



#50

Toluene-d8

Concen: 47.068 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015023.D

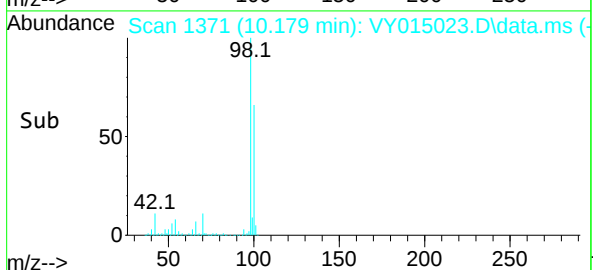
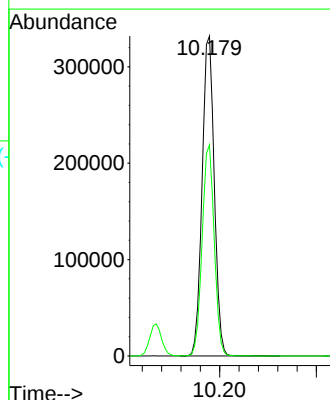
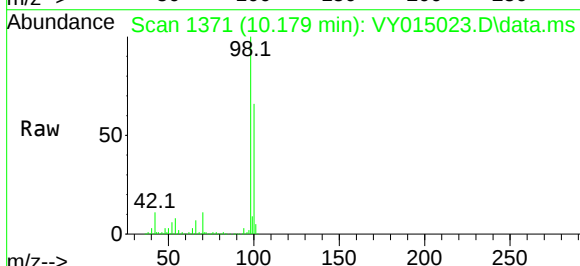
Acq: 10 Aug 2023 13:29

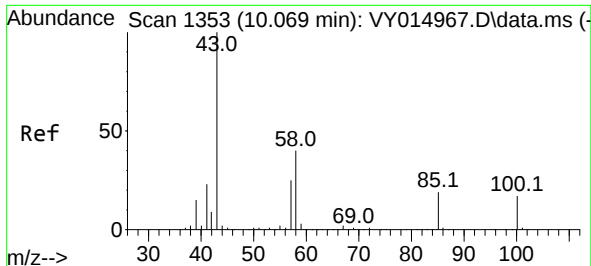
Tgt Ion: 98 Resp: 578351

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

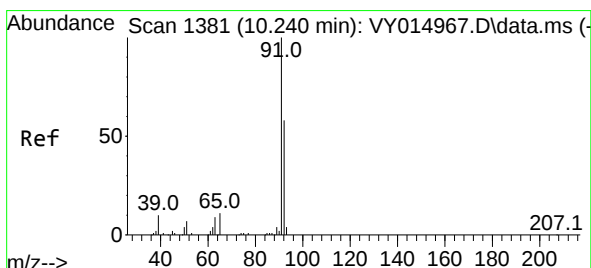
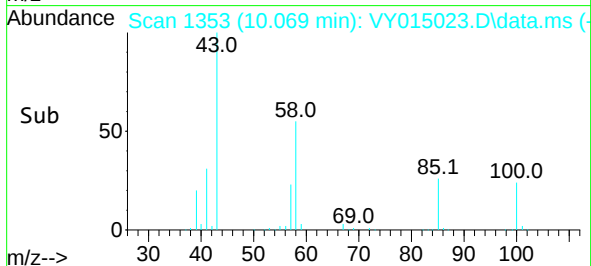
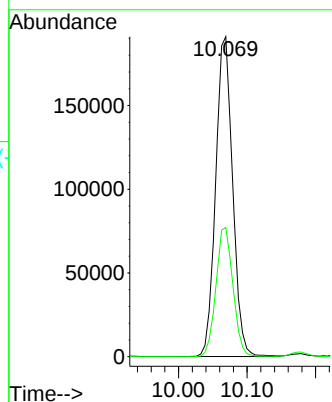
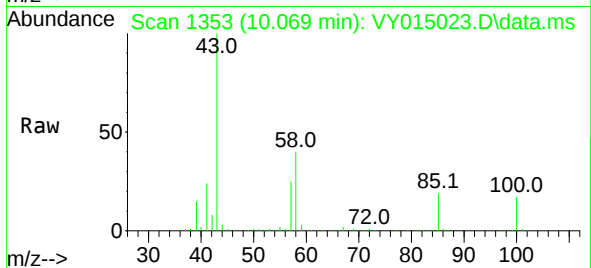




#51
4-Methyl-2-Pentanone
Concen: 98.587 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

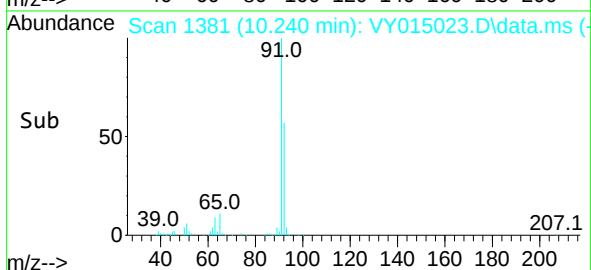
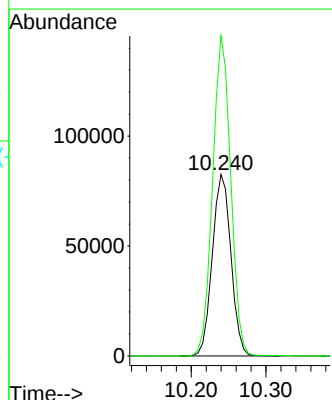
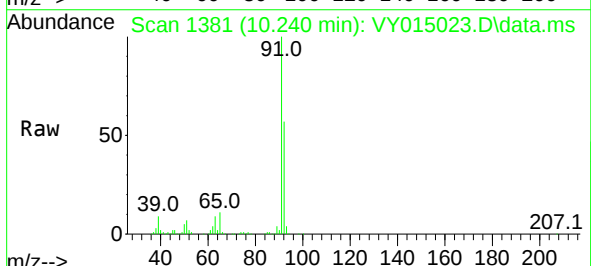
Instrument :
MSVOA_Y
ClientSampleId :

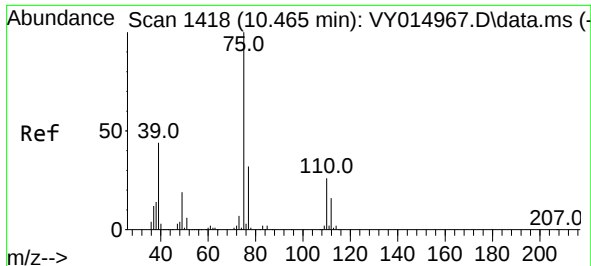
Tgt Ion: 43 Resp: 328384
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6



#52
Toluene
Concen: 18.766 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 92 Resp: 142523
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

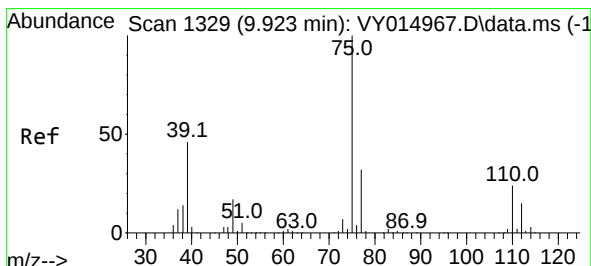
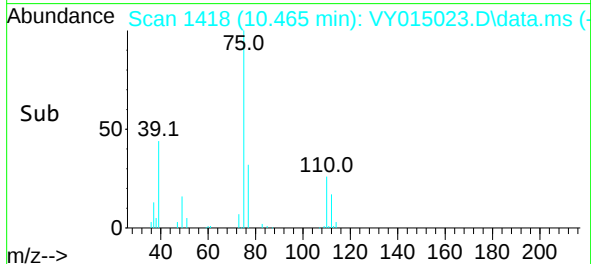
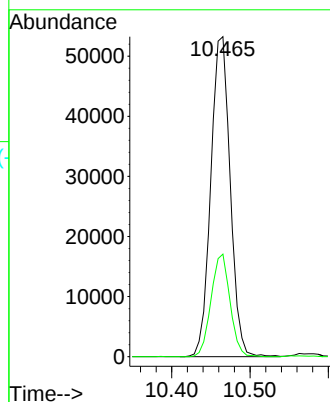
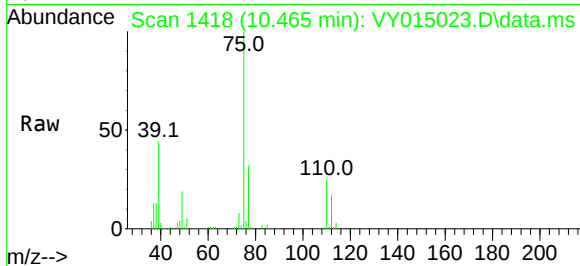




#53
t-1,3-Dichloropropene
Concen: 18.900 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

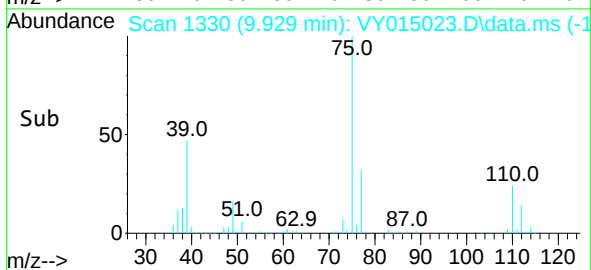
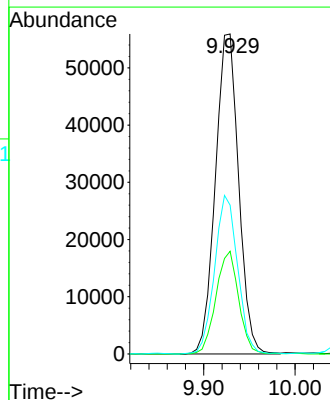
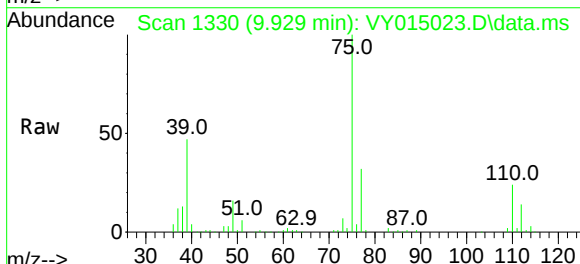
Instrument :
MSVOA_Y
ClientSampleId :

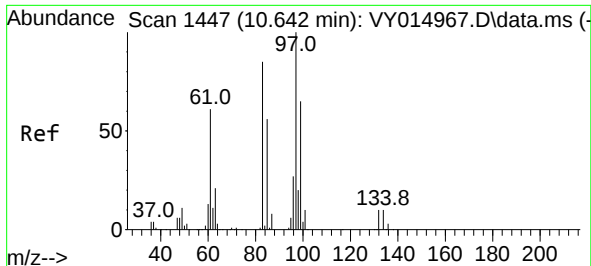
Tgt Ion: 75 Resp: 91582
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.932 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 75 Resp: 99110
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 46.5 42.2 63.4

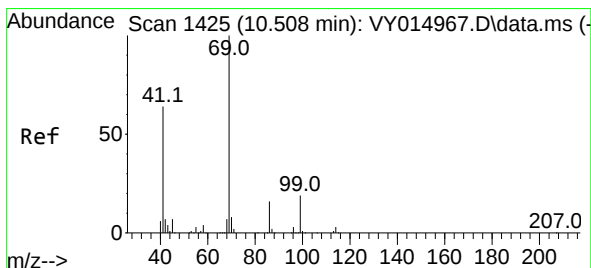
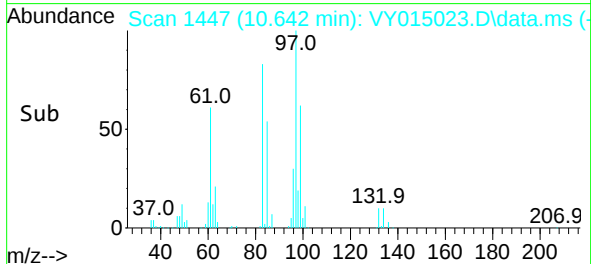
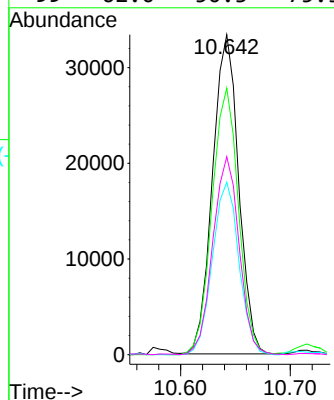
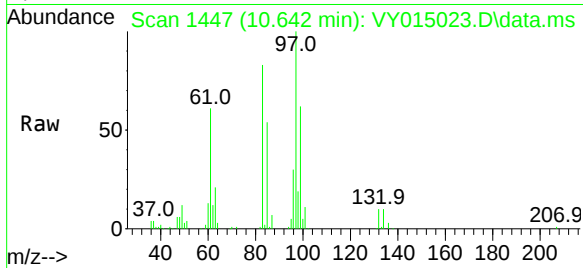




#55
1,1,2-Trichloroethane
Concen: 18.788 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

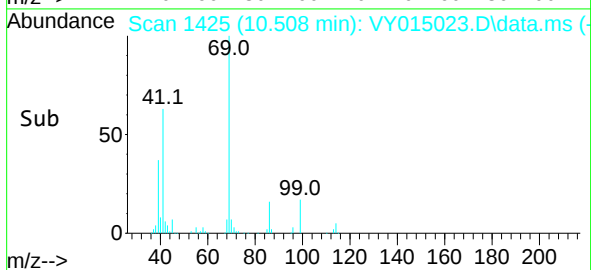
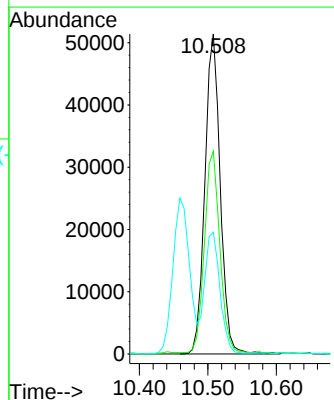
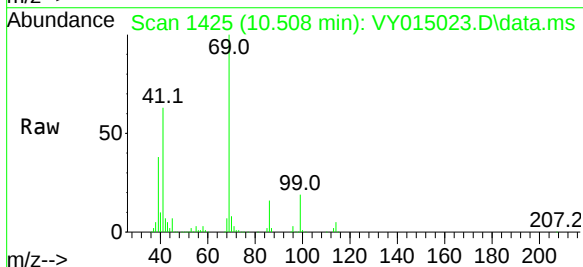
Instrument :
MSVOA_Y
ClientSampleId :

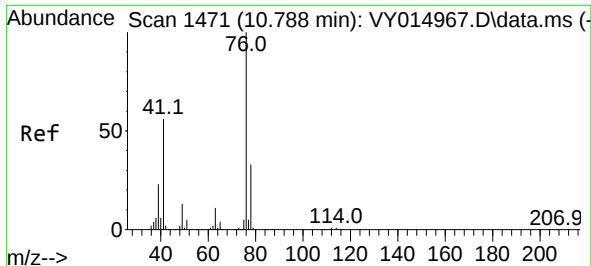
Tgt Ion:	97	Resp:	55173
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.0	108.0
85	54.1	45.4	68.0
99	62.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.093 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion:	69	Resp:	80284
Ion	Ratio	Lower	Upper
69	100		
41	62.9	57.6	86.4
39	38.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 19.020 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

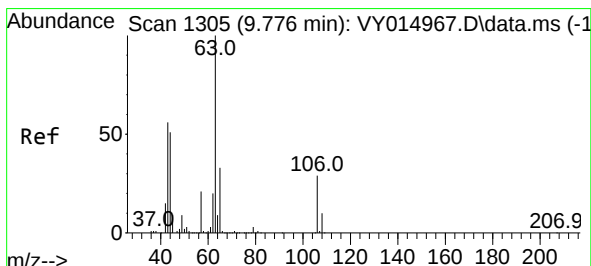
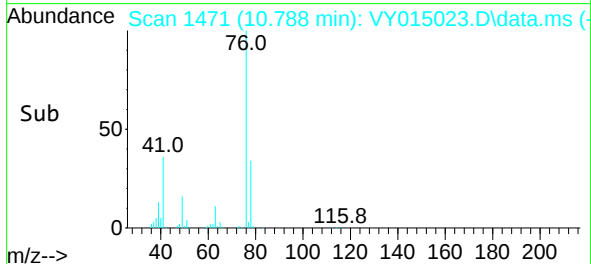
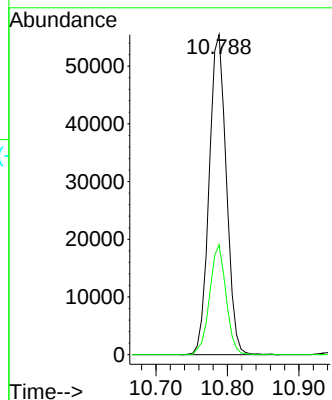
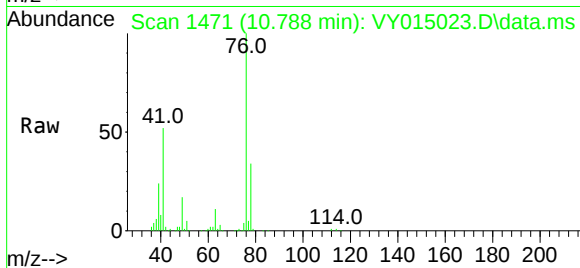
ClientSampleId :

Tgt Ion: 76 Resp: 92411

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.148 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015023.D

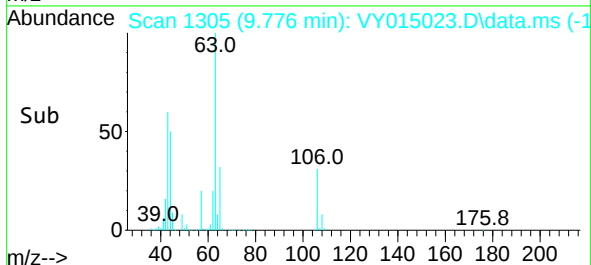
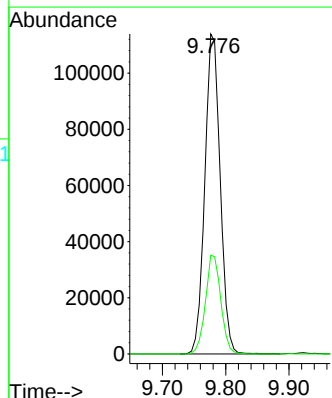
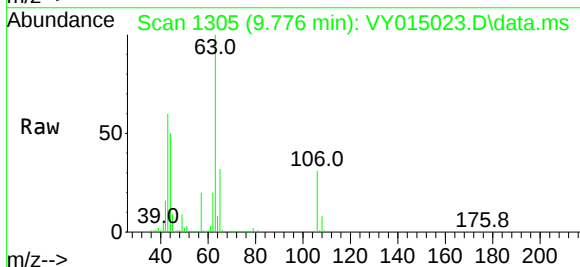
Acq: 10 Aug 2023 13:29

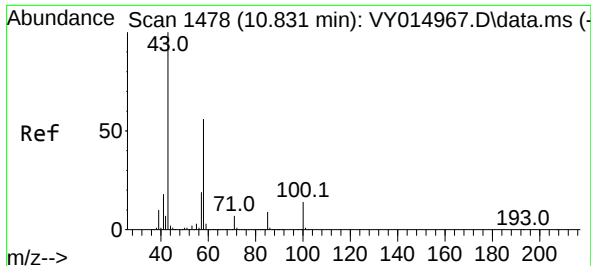
Tgt Ion: 63 Resp: 193157

Ion Ratio Lower Upper

63 100

106 30.8 21.2 31.8

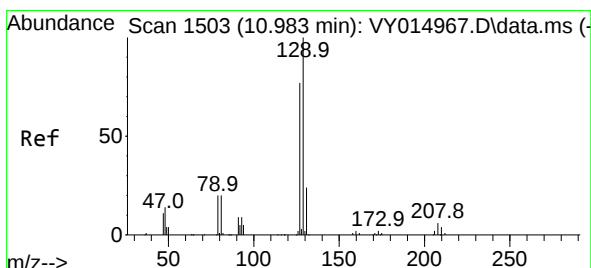
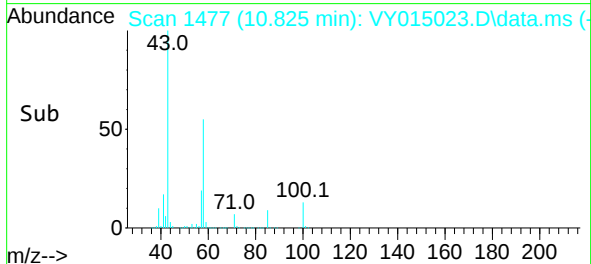
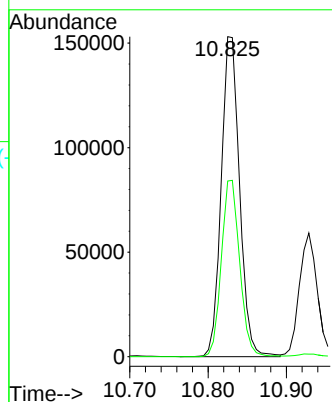
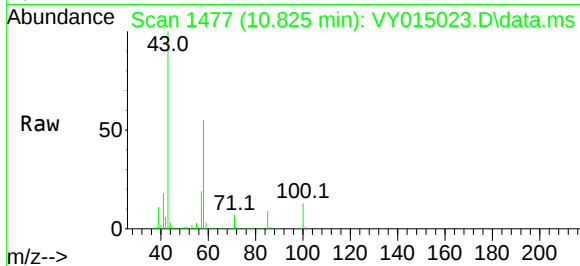




#59
2-Hexanone
Concen: 101.484 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

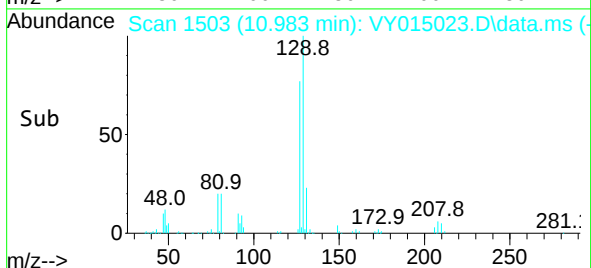
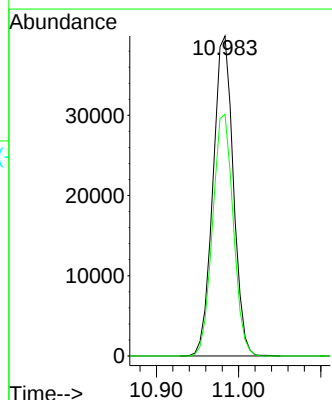
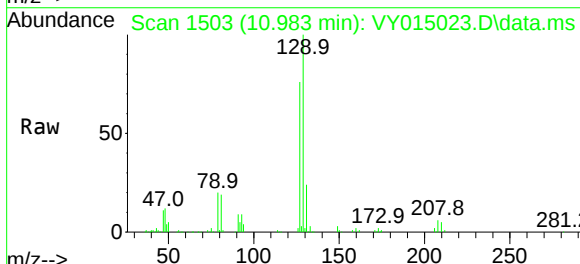
Instrument :
MSVOA_Y
ClientSampleId :

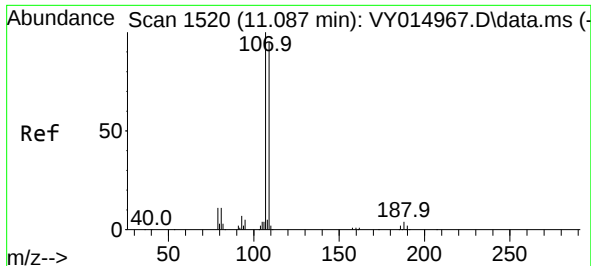
Tgt Ion: 43 Resp: 249711
Ion Ratio Lower Upper
43 100
58 55.1 25.1 75.3



#60
Dibromochloromethane
Concen: 19.557 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 129 Resp: 68385
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

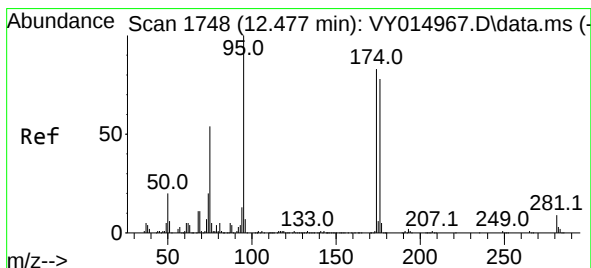
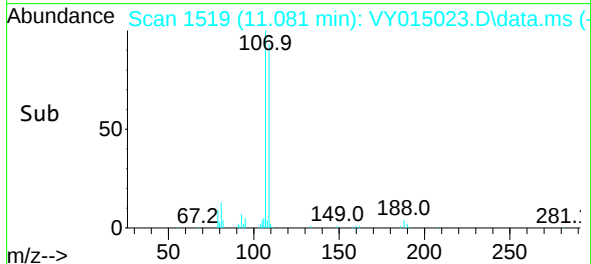
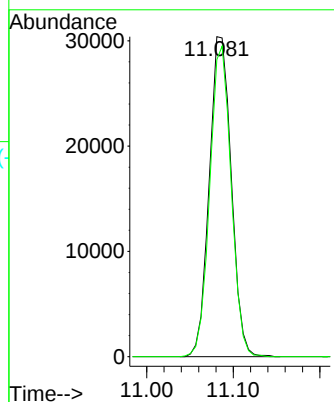
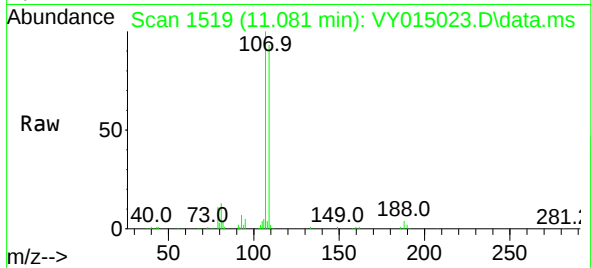




#61
1,2-Dibromoethane
Concen: 19.150 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

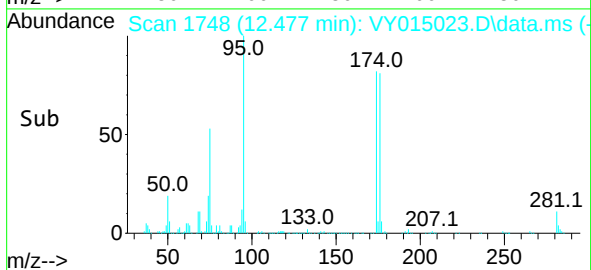
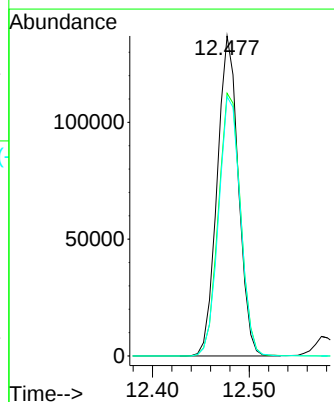
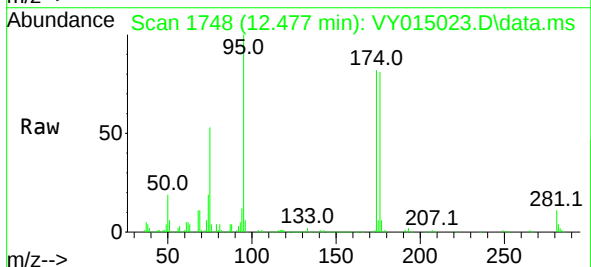
Instrument :
MSVOA_Y
ClientSampleId :

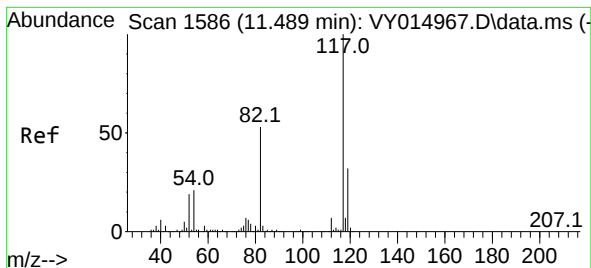
Tgt Ion:107 Resp: 53679
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.834 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 95 Resp: 208313
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.3 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: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

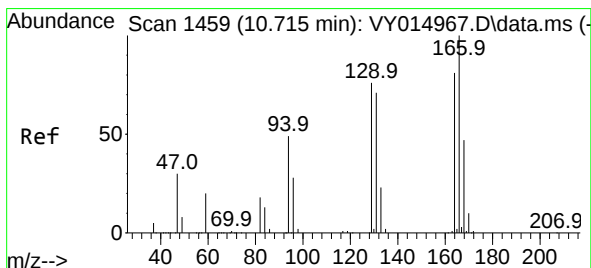
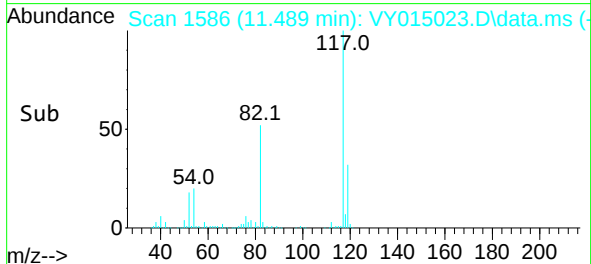
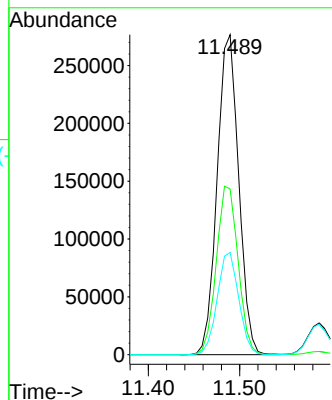
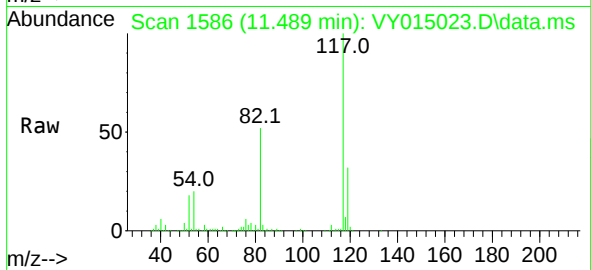
Tgt Ion:117 Resp: 453397

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 22.126 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Tgt Ion:164 Resp: 75460

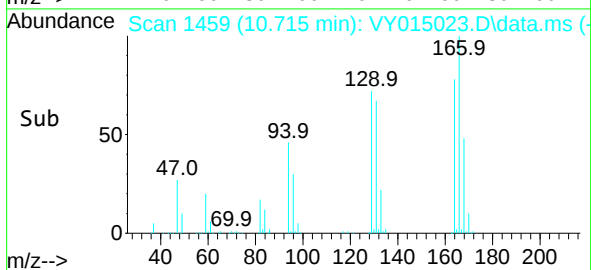
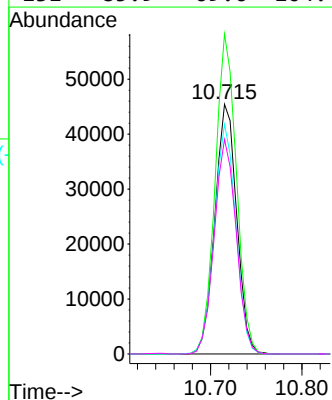
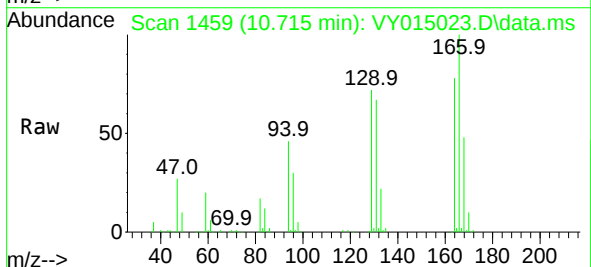
Ion Ratio Lower Upper

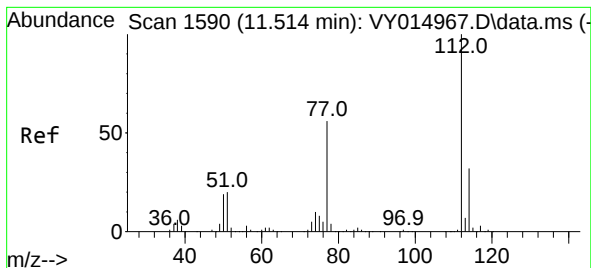
164 100

166 128.1 103.0 154.6

129 91.9 77.2 115.8

131 85.9 69.6 104.4

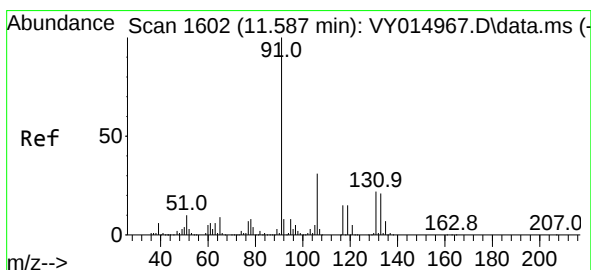
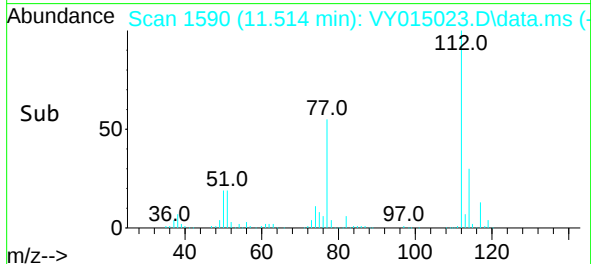
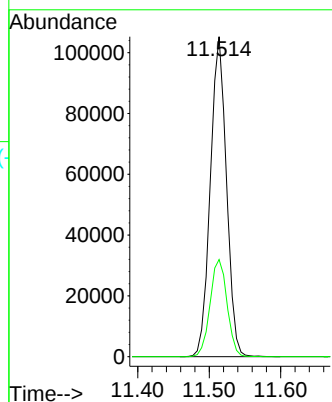
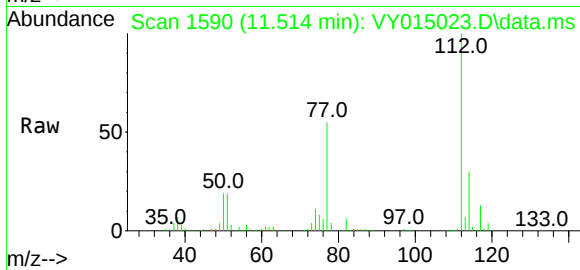




#65
Chlorobenzene
Concen: 19.151 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

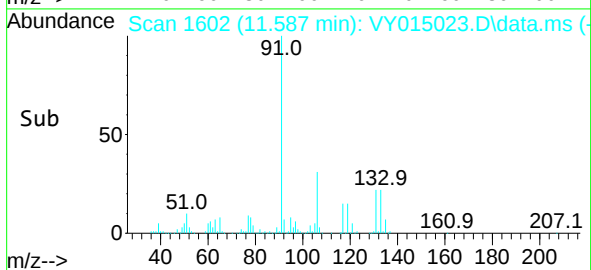
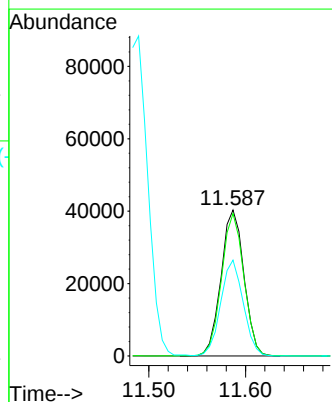
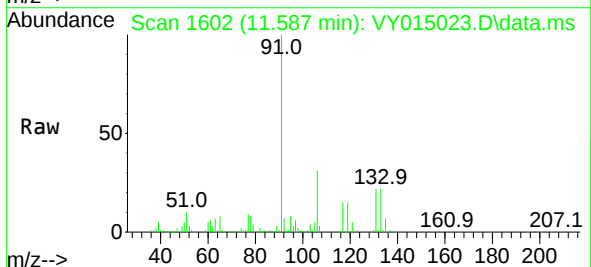
Instrument :
MSVOA_Y
ClientSampleId :

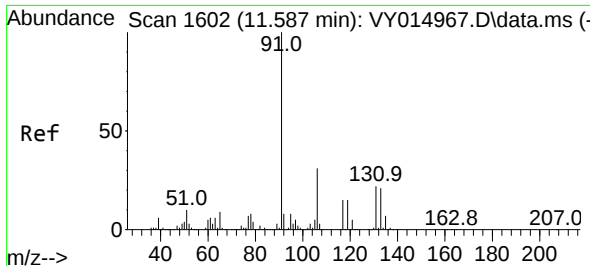
Tgt Ion:112 Resp: 164759
Ion Ratio Lower Upper
112 100
114 30.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.662 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion:131 Resp: 66284
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.5 31.6 94.7

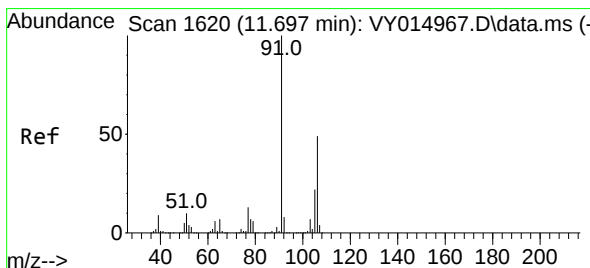
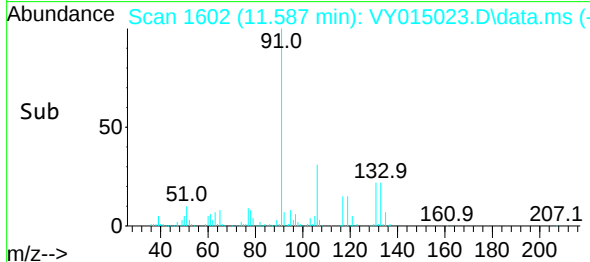
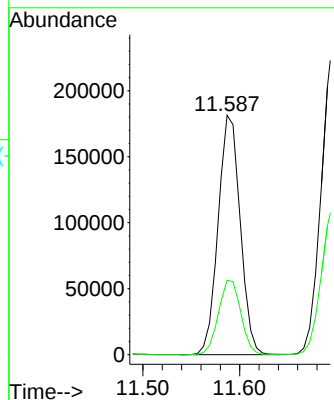
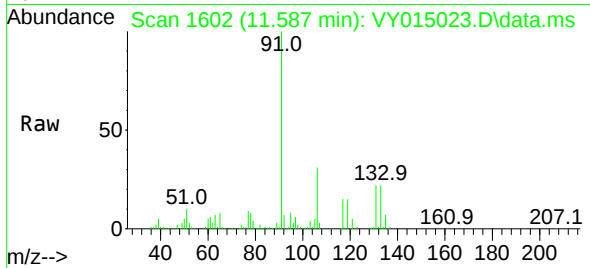




#67
Ethyl Benzene
Concen: 19.026 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

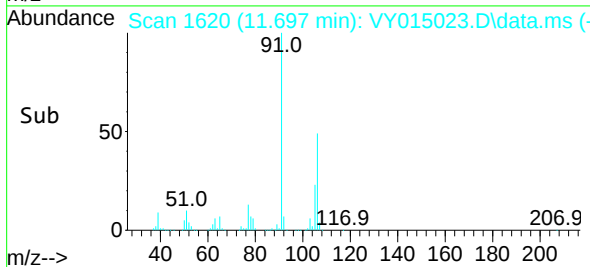
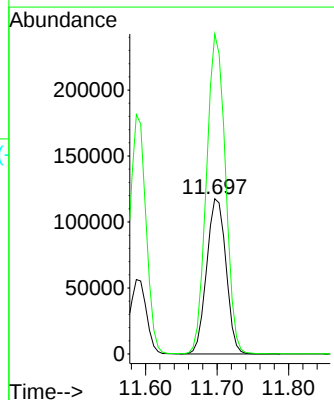
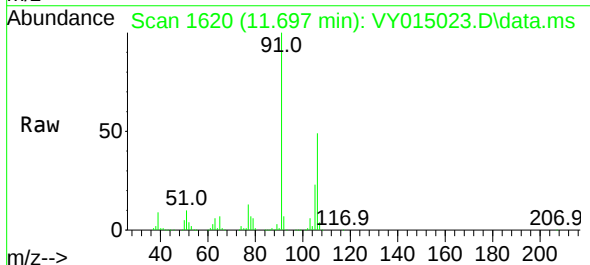
Instrument :
MSVOA_Y
ClientSampleId :

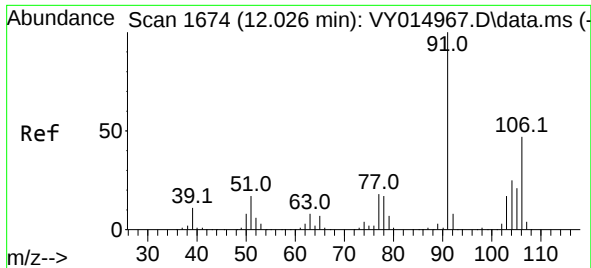
Tgt Ion: 91 Resp: 287258
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 38.271 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 106 Resp: 221049
Ion Ratio Lower Upper
106 100
91 201.6 166.1 249.1

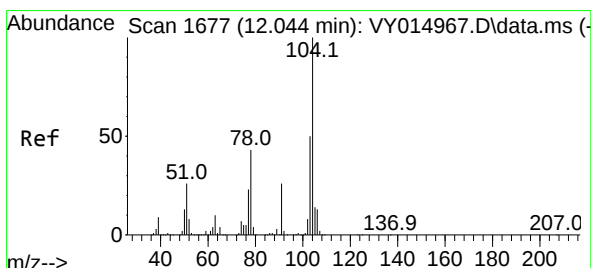
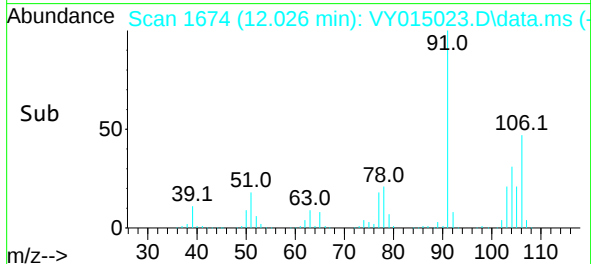
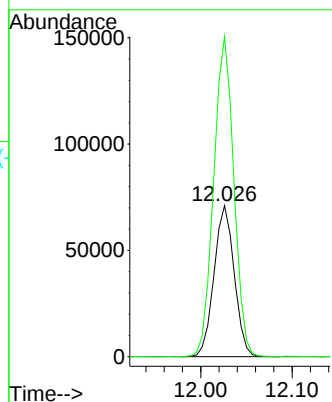
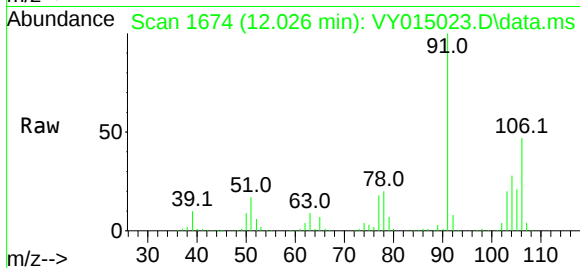




#69
o-Xylene
Concen: 19.291 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

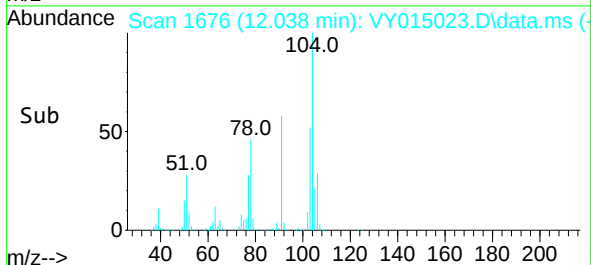
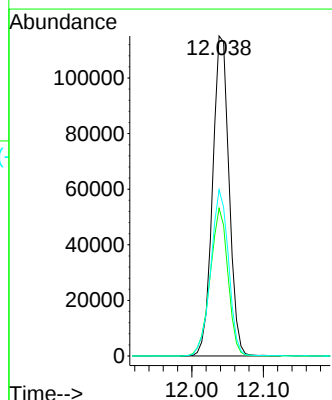
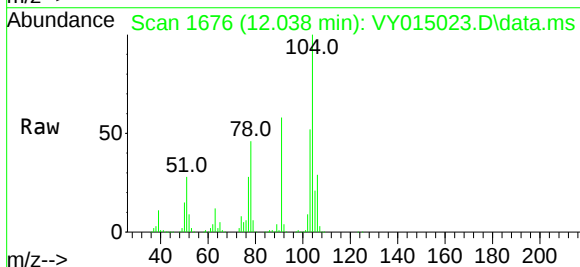
Instrument :
MSVOA_Y
ClientSampleId :

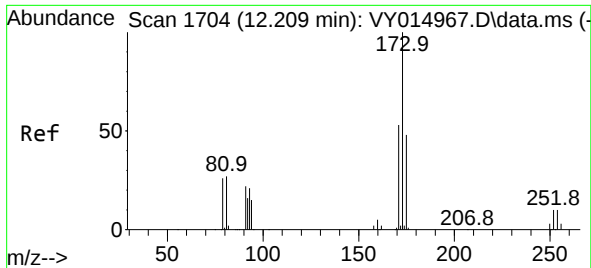
Tgt Ion:106 Resp: 109028
Ion Ratio Lower Upper
106 100
91 211.7 108.1 324.3



#70
Styrene
Concen: 19.090 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion:104 Resp: 184382
Ion Ratio Lower Upper
104 100
78 49.8 41.5 62.3
103 56.2 44.6 67.0

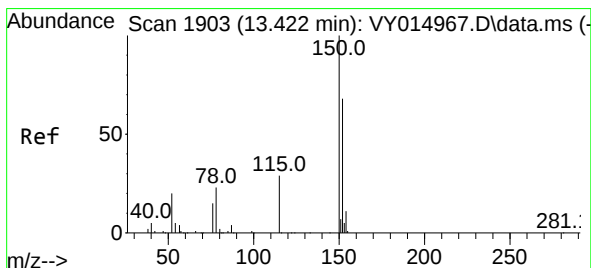
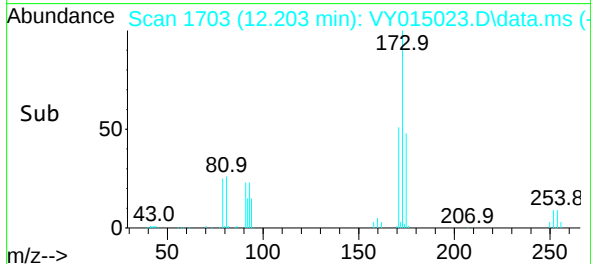
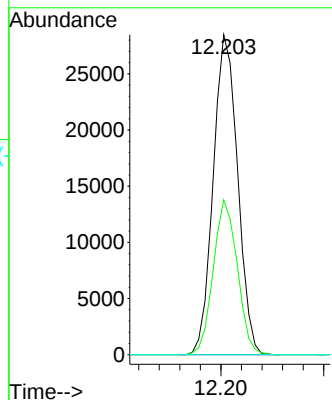
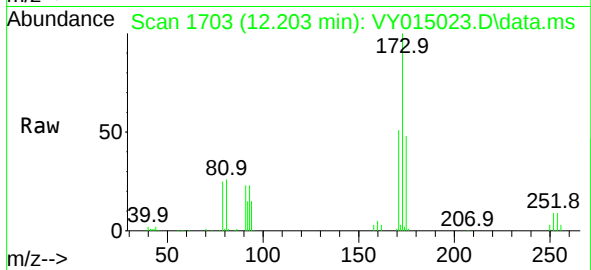




#71
Bromoform
Concen: 20.171 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

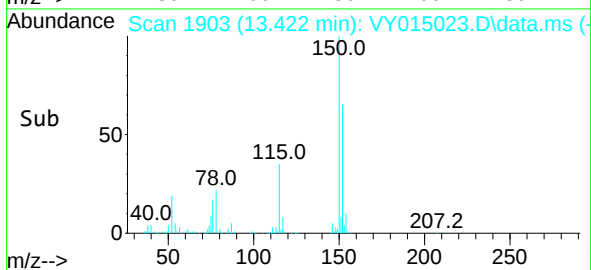
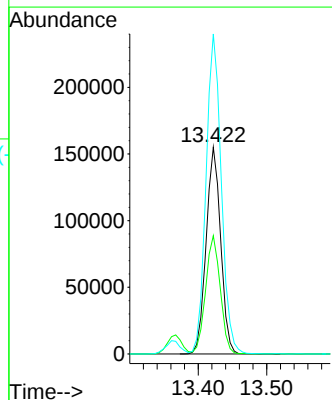
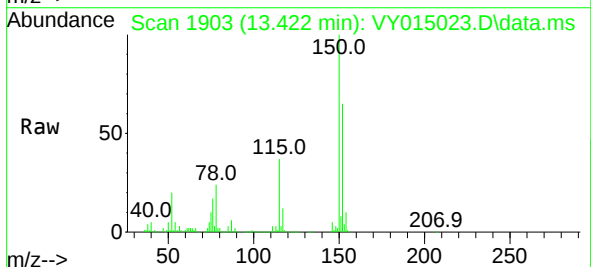
Instrument :
MSVOA_Y
ClientSampleId :

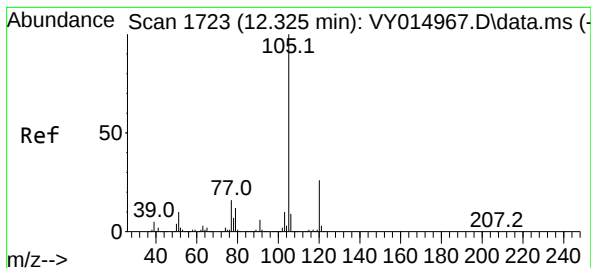
Tgt Ion:173 Resp: 46872
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion:152 Resp: 229209
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 162.3 0.0 348.8





#73

Isopropylbenzene

Concen: 18.852 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

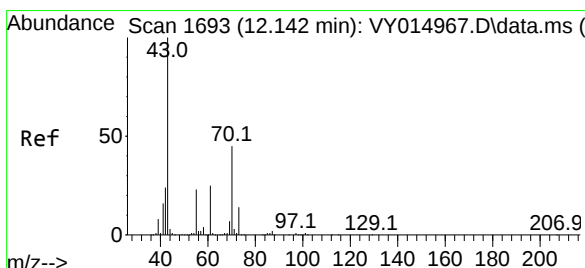
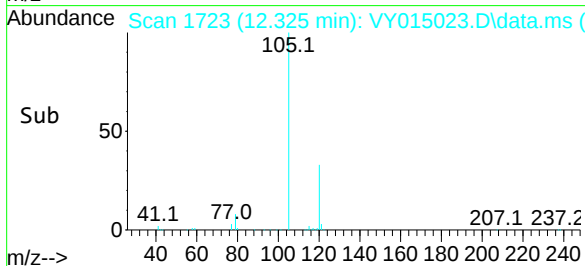
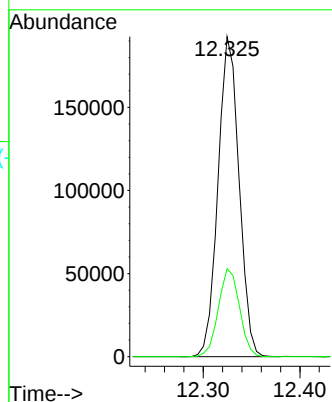
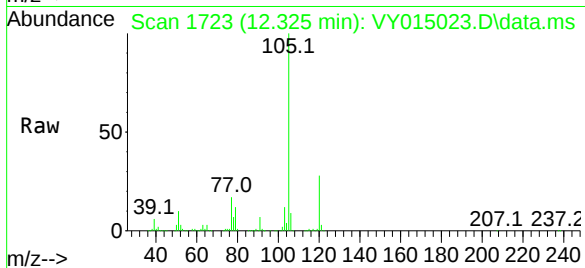
ClientSampleId :

Tgt Ion:105 Resp: 290467

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.9



#74

N-ethyl acetate

Concen: 17.671 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Tgt Ion: 43 Resp: 93023

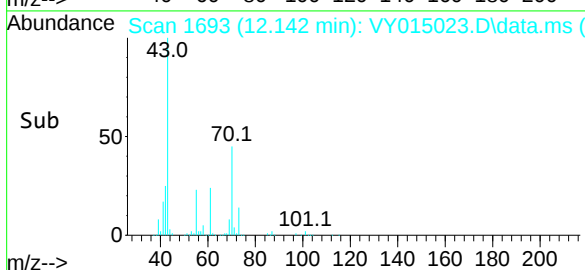
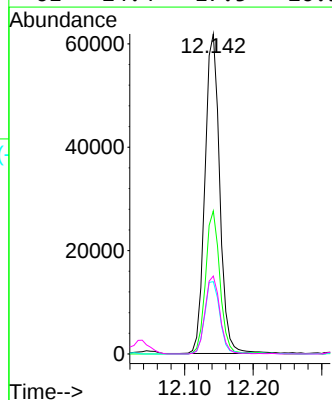
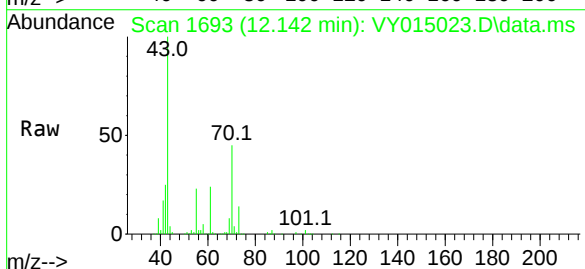
Ion Ratio Lower Upper

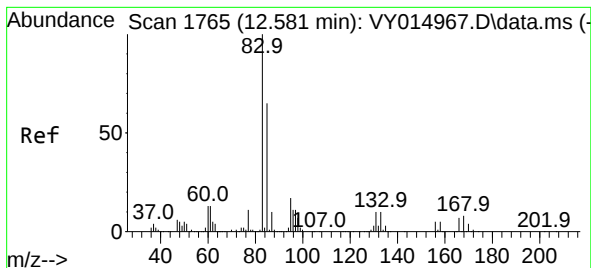
43 100

70 43.8 29.7 44.5

55 23.4 18.3 27.5

61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.831 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

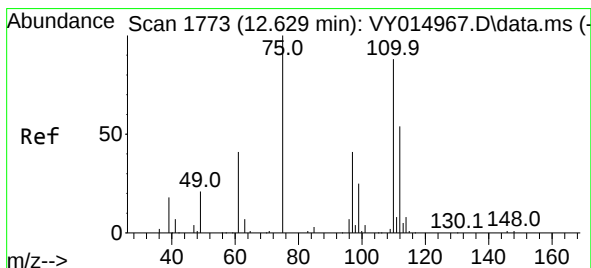
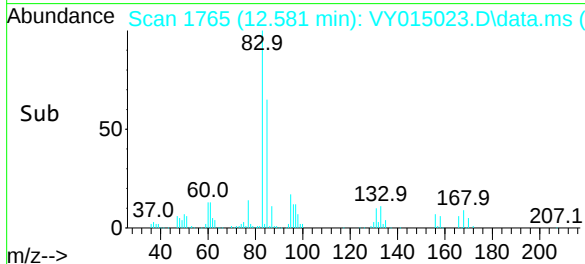
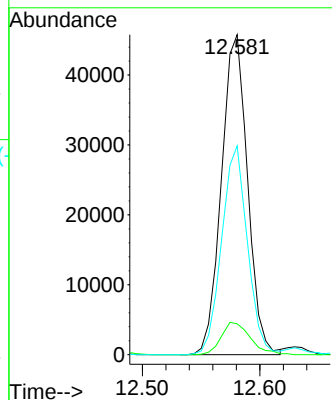
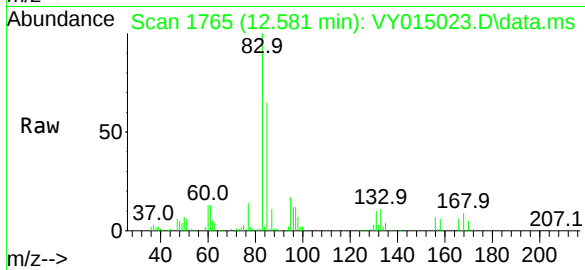
Tgt Ion: 83 Resp: 70904

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.380 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015023.D

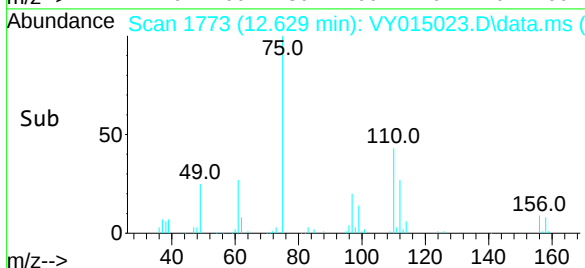
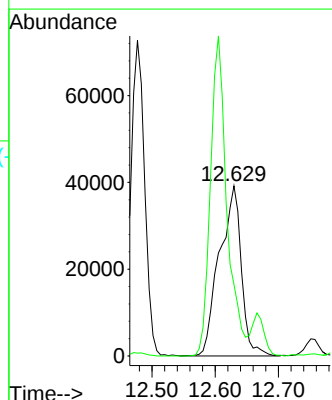
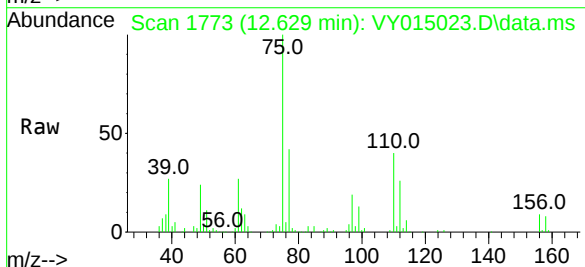
Acq: 10 Aug 2023 13:29

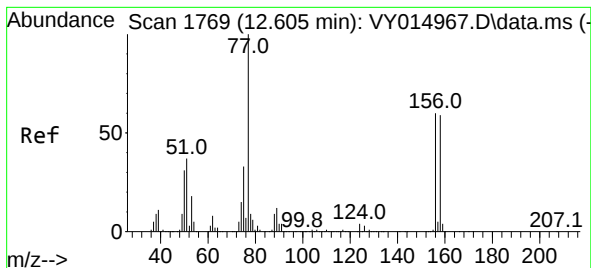
Tgt Ion: 75 Resp: 94424

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.935 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015023.D

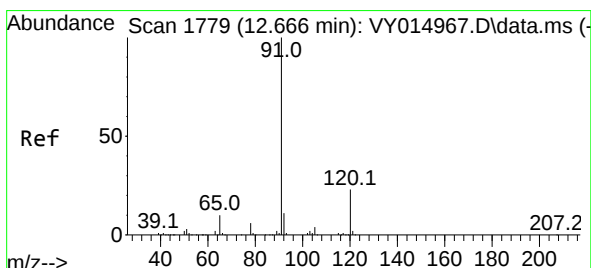
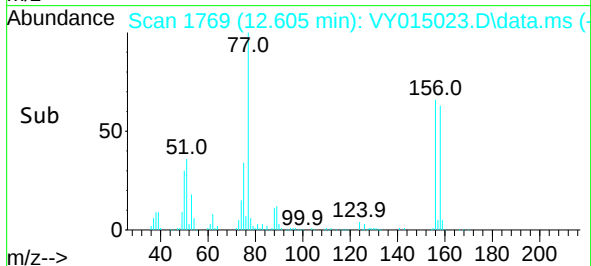
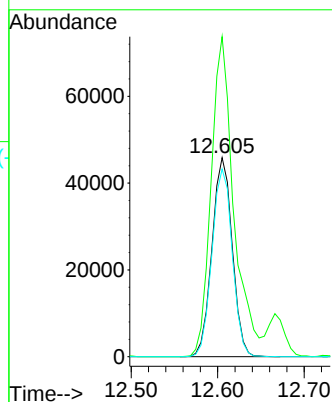
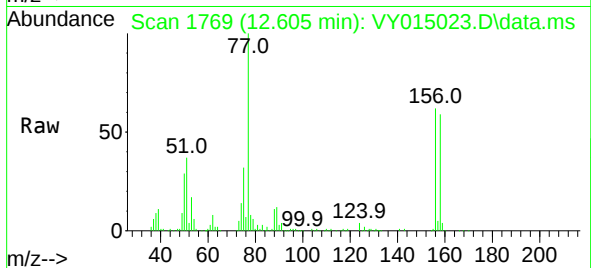
Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	74505
Ion Ratio	Lower	Upper	
156	100		
77	178.9	92.8	278.6
158	94.4	48.4	145.3



#78

n-propylbenzene

Concen: 18.818 ug/l

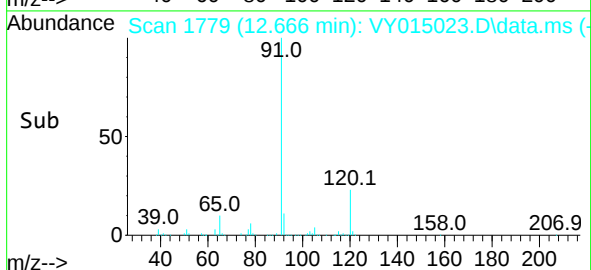
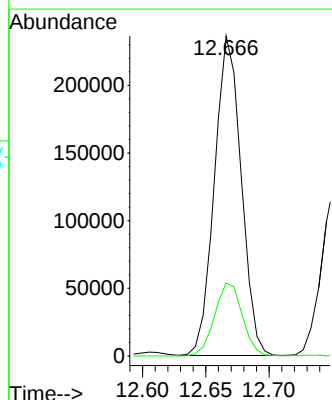
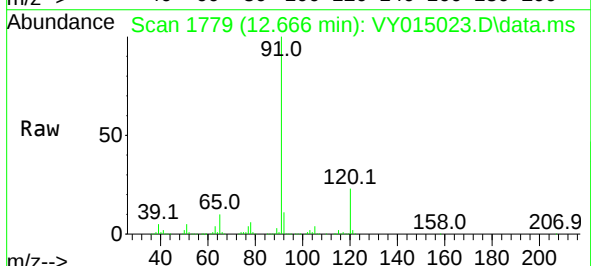
RT: 12.666 min Scan# 1779

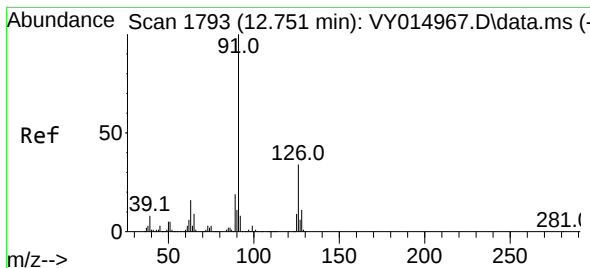
Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Tgt Ion:	91	Resp:	346795
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.5	34.4

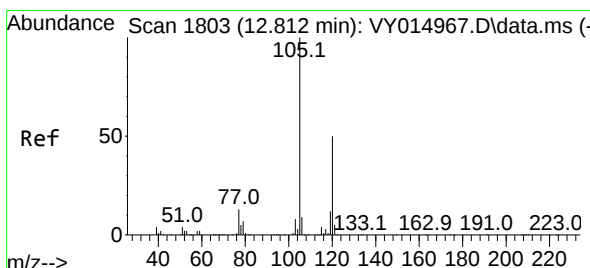
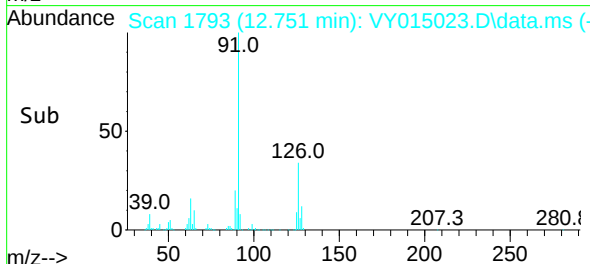
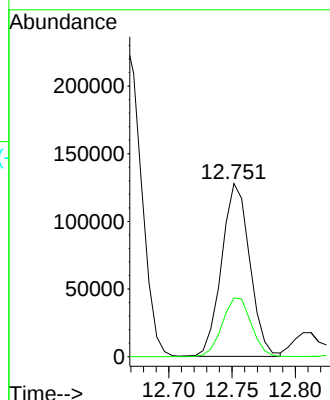
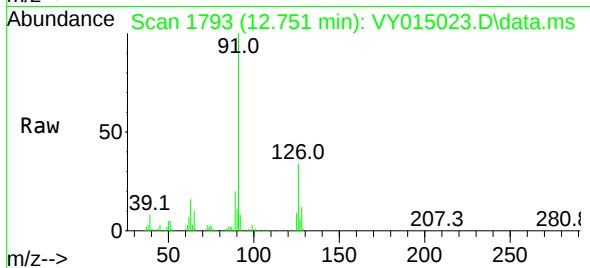




#79
2-Chlorotoluene
Concen: 18.826 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

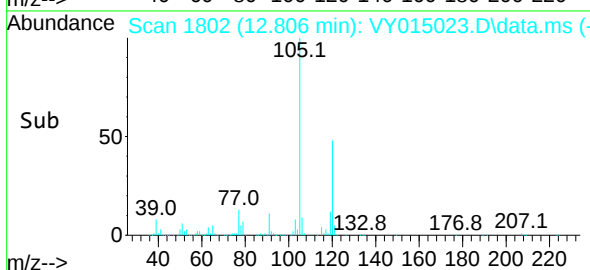
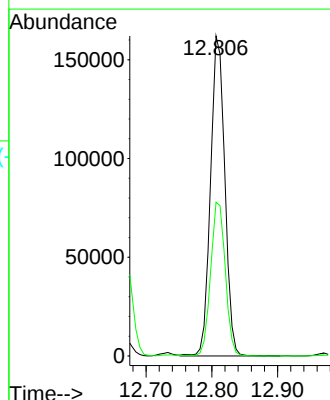
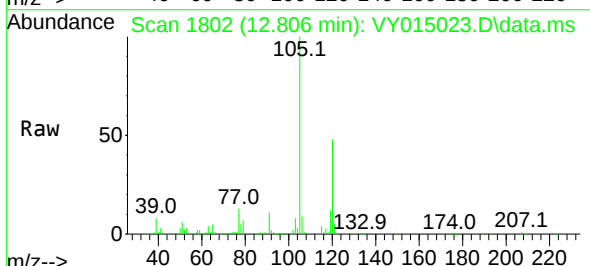
Instrument :
MSVOA_Y
ClientSampleId :

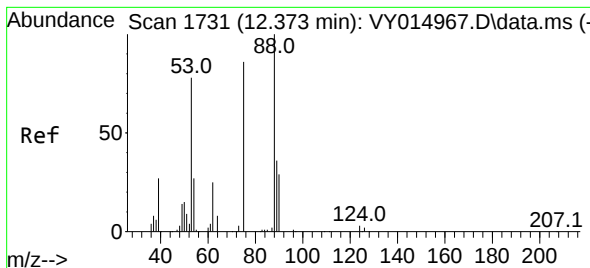
Tgt Ion: 91 Resp: 197725
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.337 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 105 Resp: 245528
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

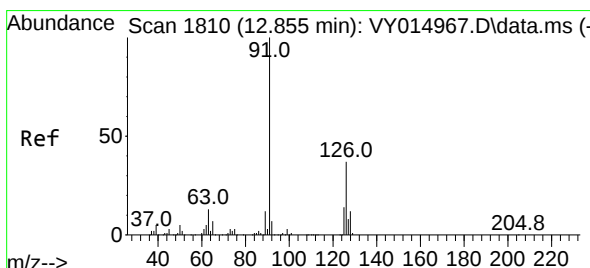
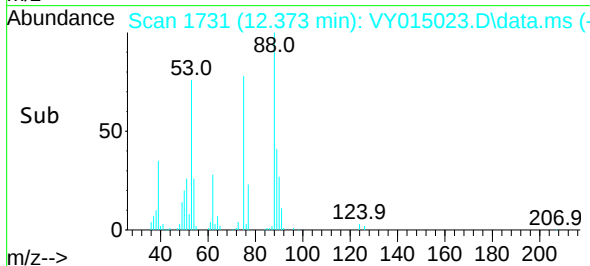
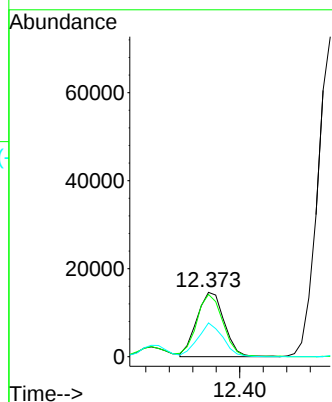
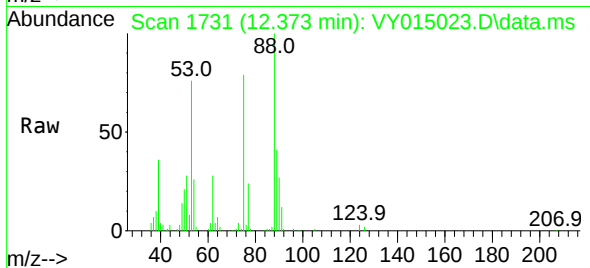




#81
trans-1,4-Dichloro-2-butene
Concen: 19.003 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

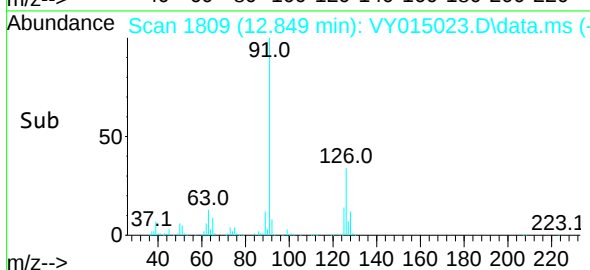
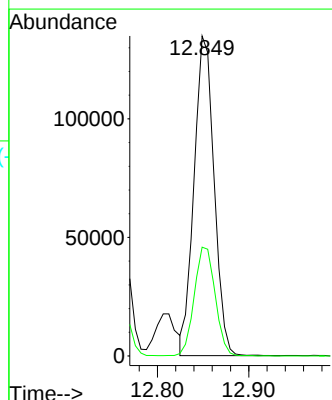
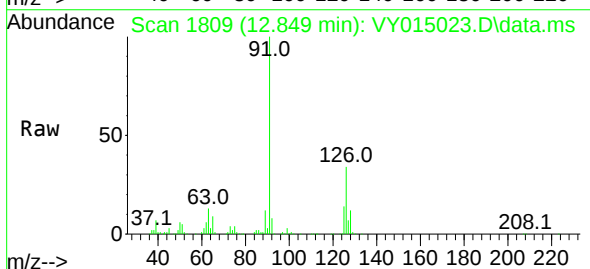
Instrument :
MSVOA_Y
ClientSampleId :

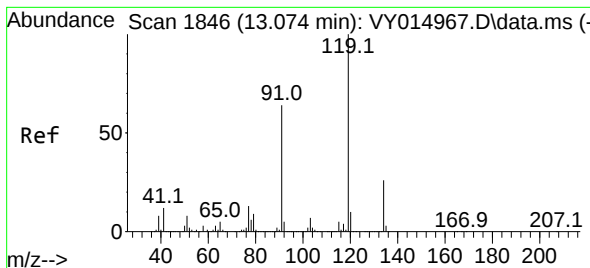
Tgt Ion: 75 Resp: 23691
Ion Ratio Lower Upper
75 100
53 93.7 77.8 116.8
89 47.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.894 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 91 Resp: 205147
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.384 ug/l

RT: 13.068 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

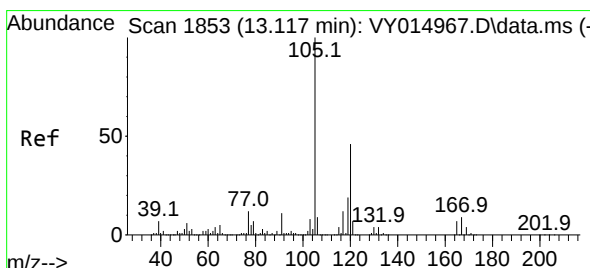
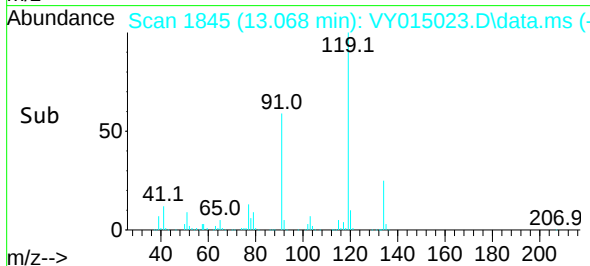
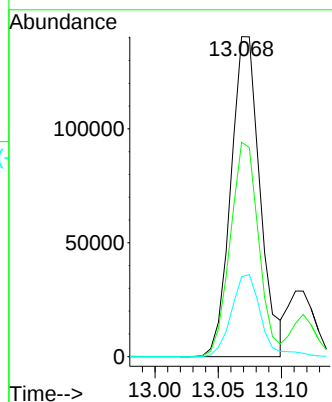
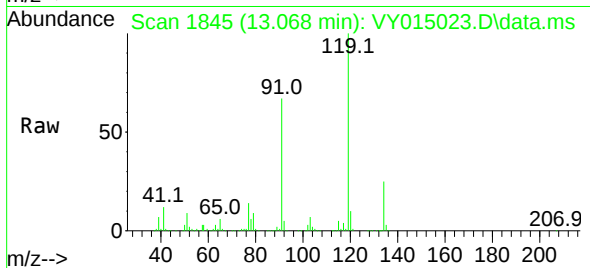
Tgt Ion:119 Resp: 225146

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.303 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015023.D

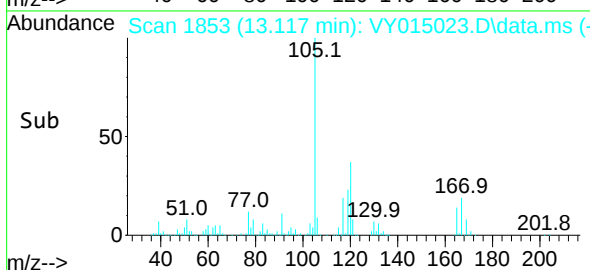
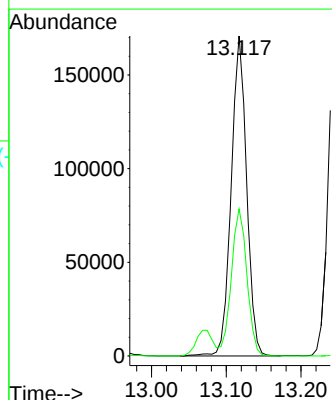
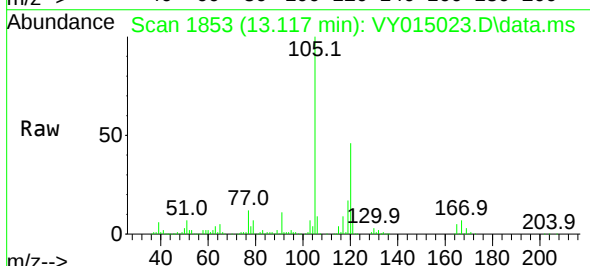
Acq: 10 Aug 2023 13:29

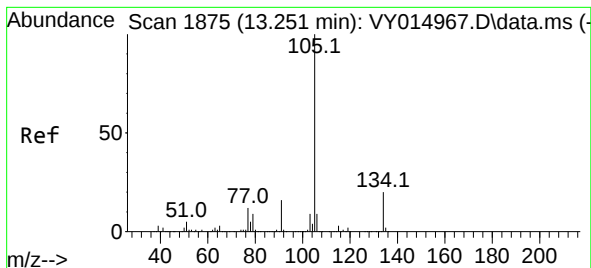
Tgt Ion:105 Resp: 245564

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.161 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

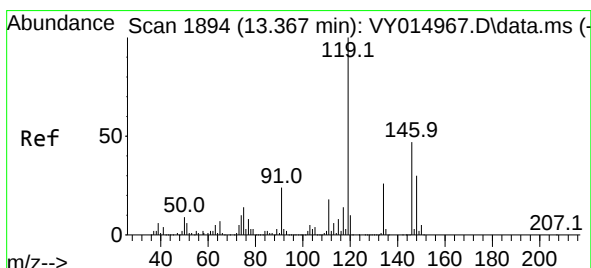
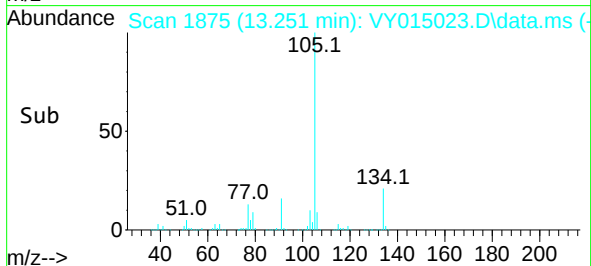
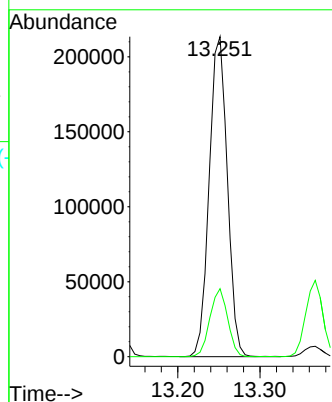
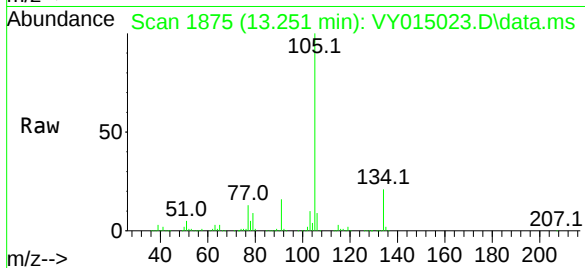
ClientSampleId :

Tgt Ion:105 Resp: 326649

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.407 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

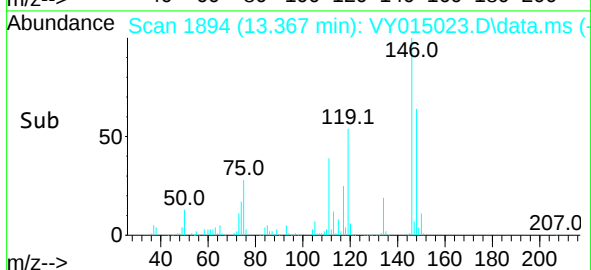
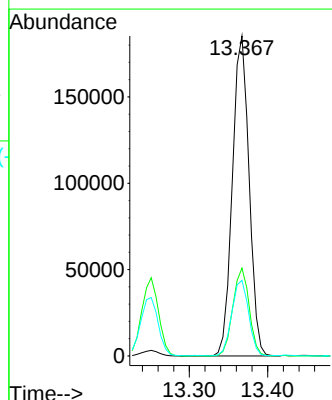
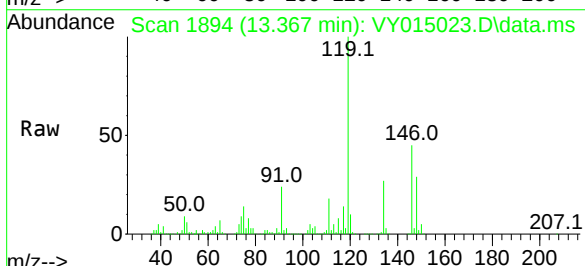
Tgt Ion:119 Resp: 273851

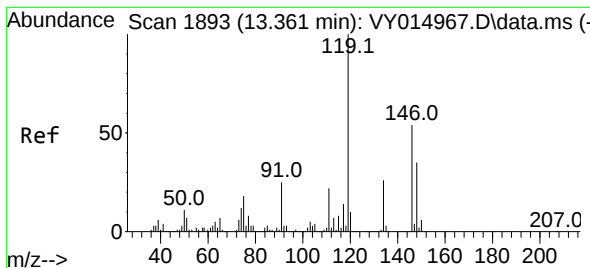
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.506 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

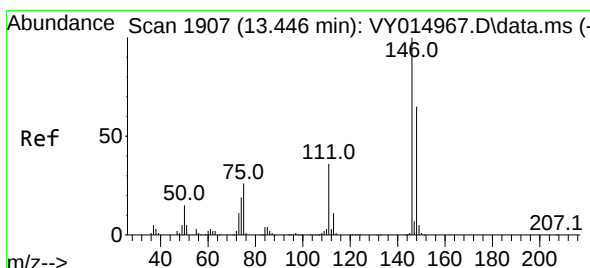
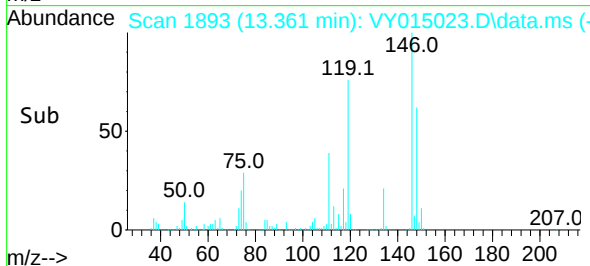
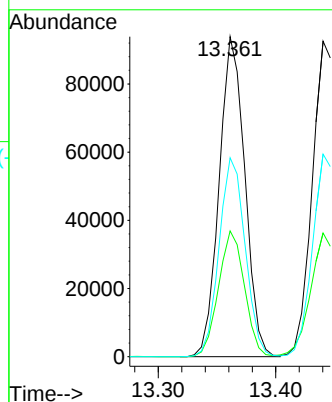
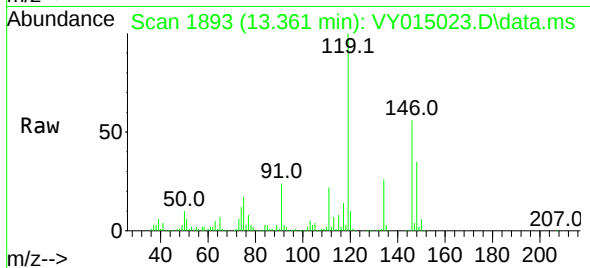
Tgt Ion:146 Resp: 142699

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.805 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

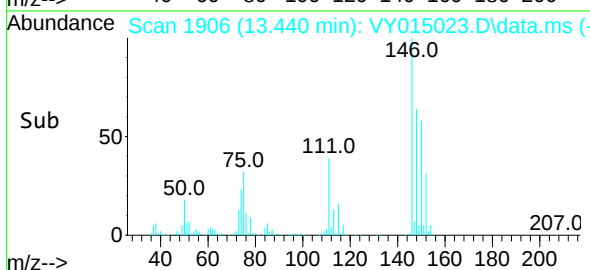
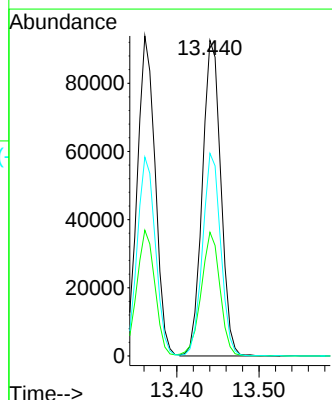
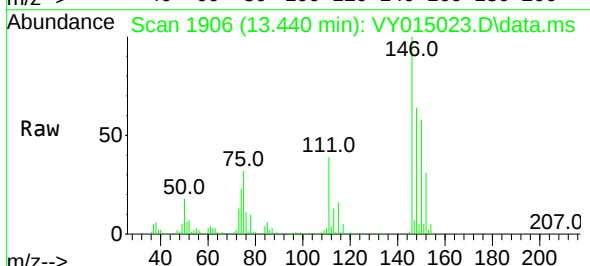
Tgt Ion:146 Resp: 144487

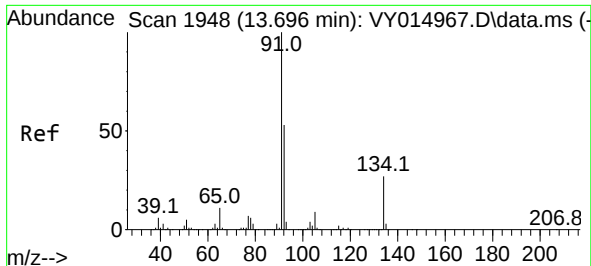
Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.7

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 19.022 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

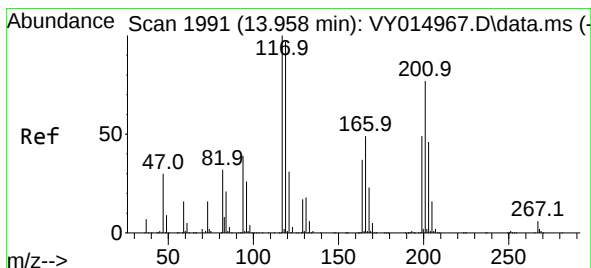
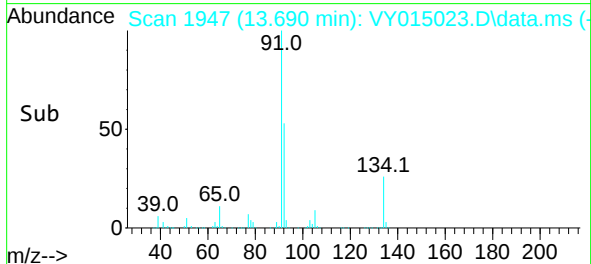
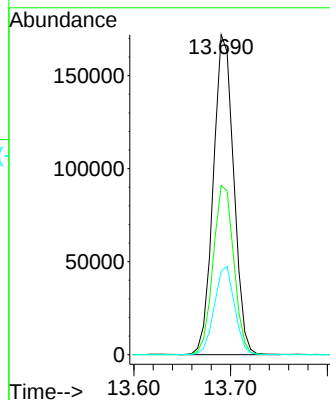
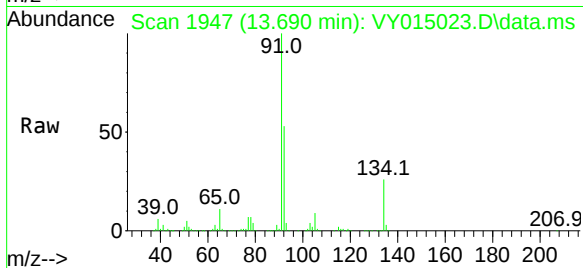
Tgt Ion: 91 Resp: 252205

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 27.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.013 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015023.D

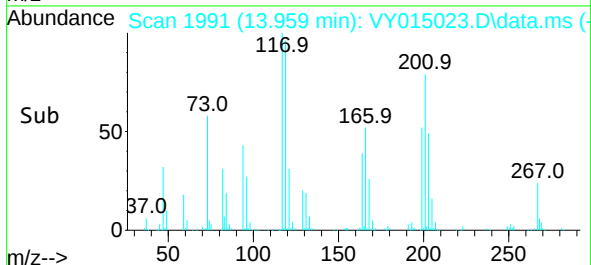
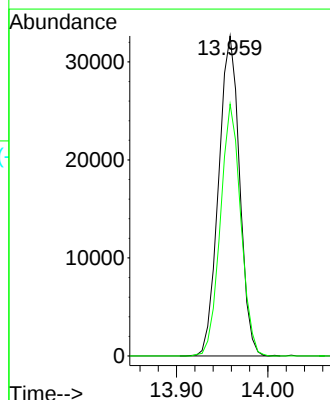
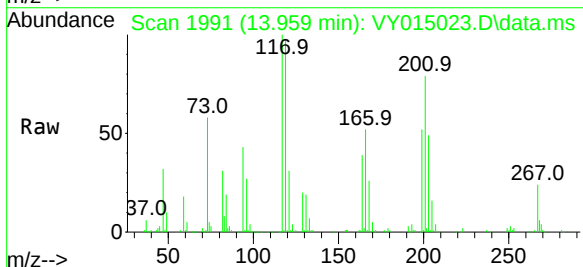
Acq: 10 Aug 2023 13:29

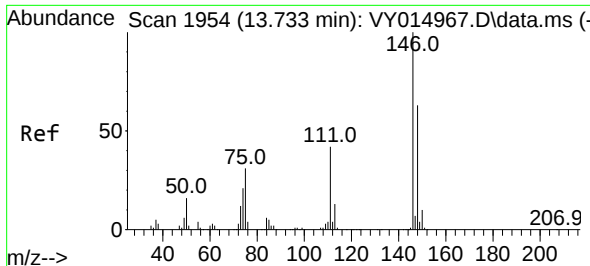
Tgt Ion: 117 Resp: 52100

Ion Ratio Lower Upper

117 100

201 76.6 41.6 124.8

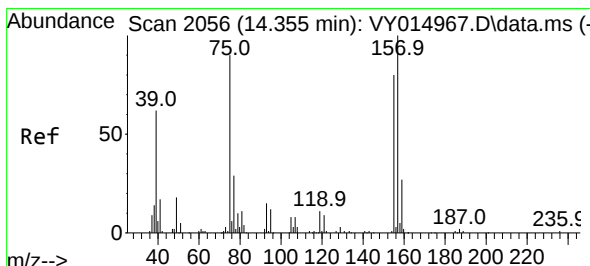
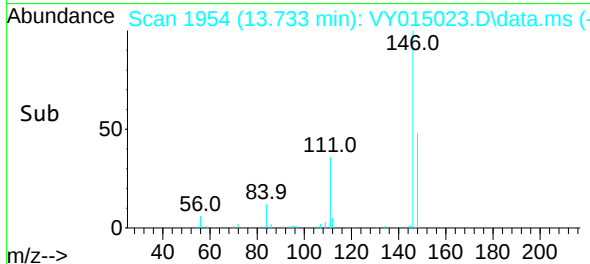
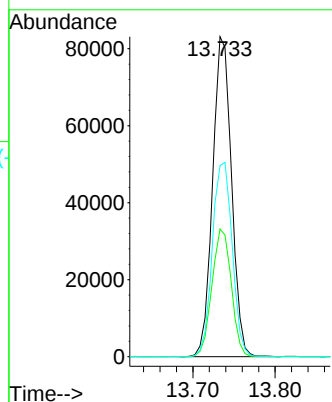
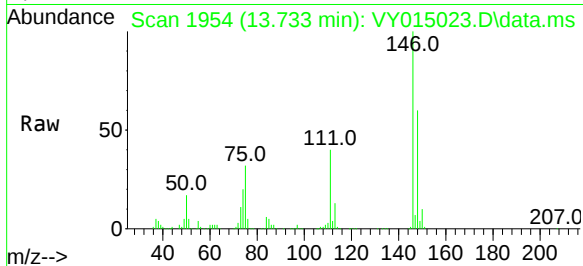




#91
1,2-Dichlorobenzene
Concen: 19.605 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

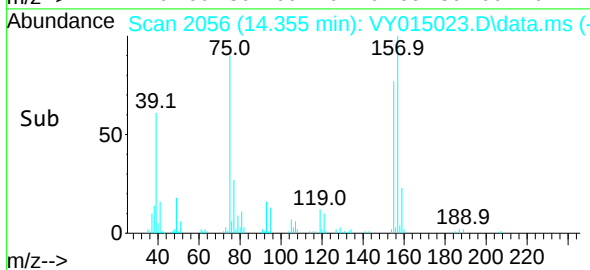
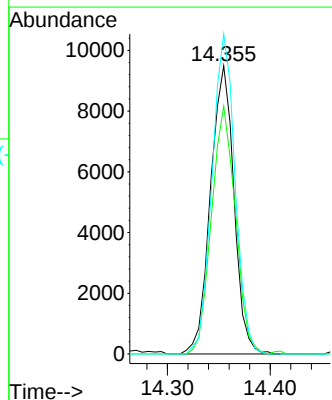
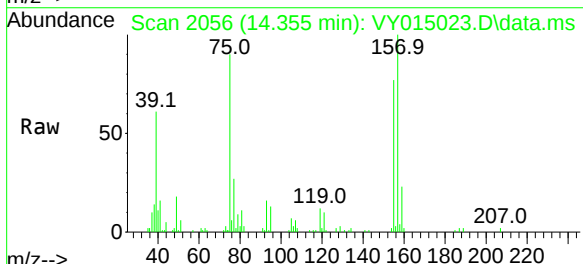
Instrument :
MSVOA_Y
ClientSampleId :

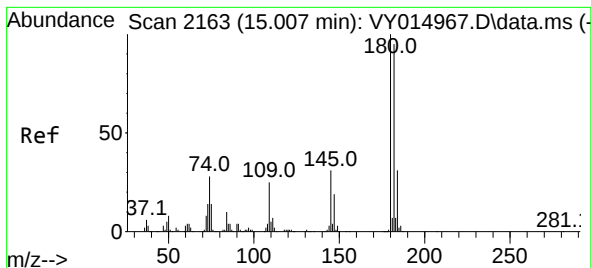
Tgt Ion:146 Resp: 132361
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.400 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015023.D
Acq: 10 Aug 2023 13:29

Tgt Ion: 75 Resp: 14998
Ion Ratio Lower Upper
75 100
155 87.7 41.5 124.6
157 109.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.588 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

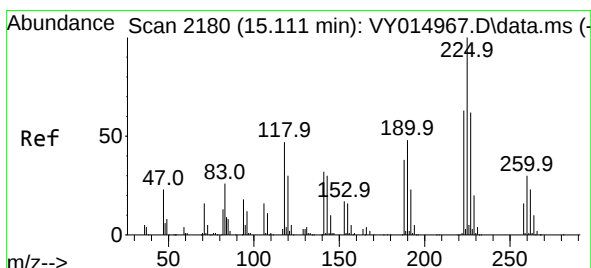
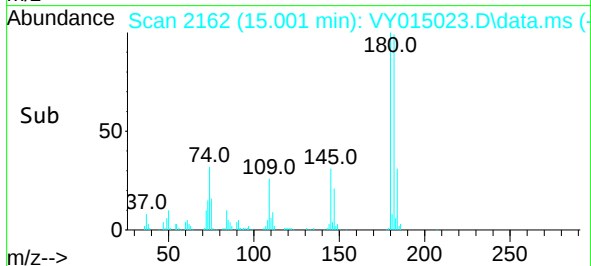
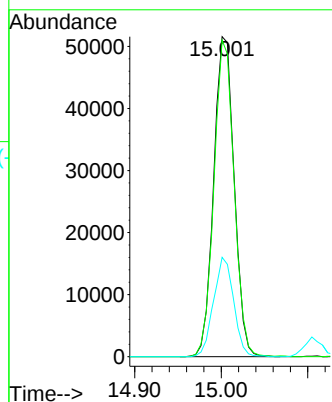
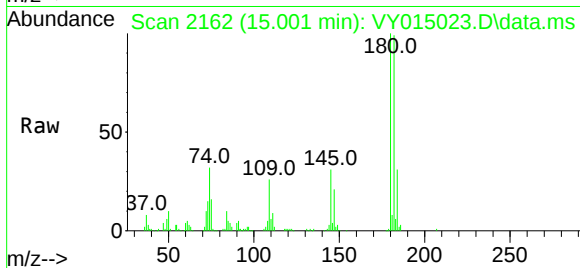
Tgt Ion:180 Resp: 84625

Ion Ratio Lower Upper

180 100

182 97.6 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.668 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

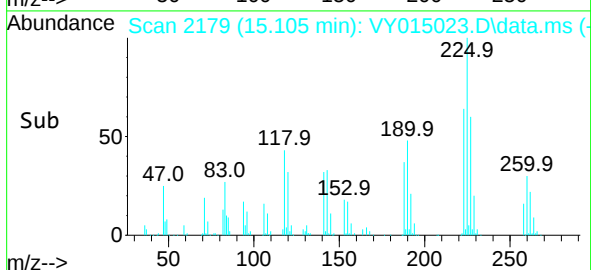
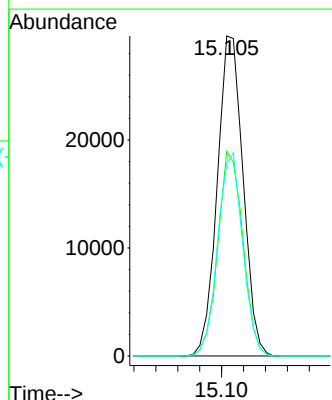
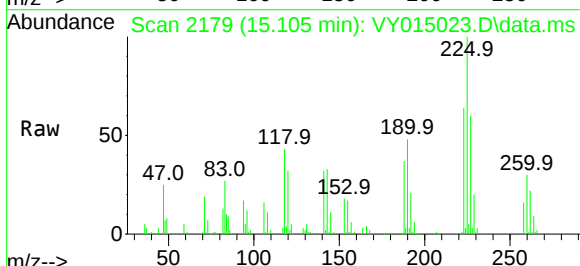
Tgt Ion:225 Resp: 48420

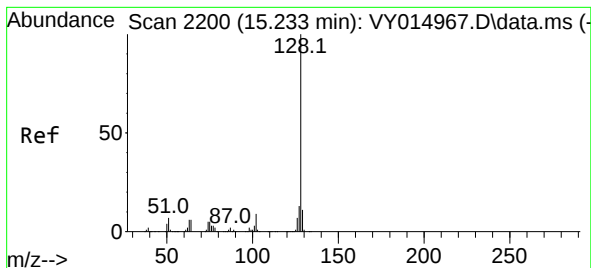
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 61.5 33.0 98.9





#95

Naphthalene

Concen: 21.554 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

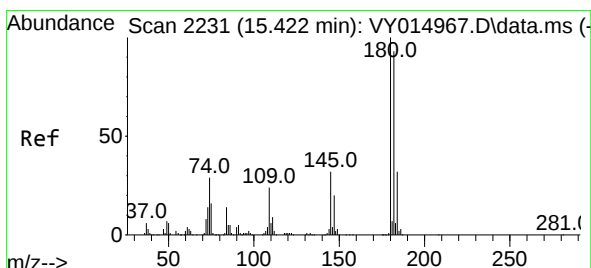
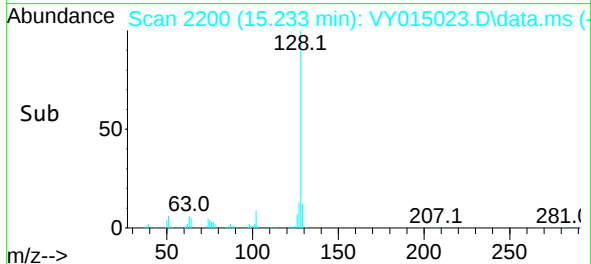
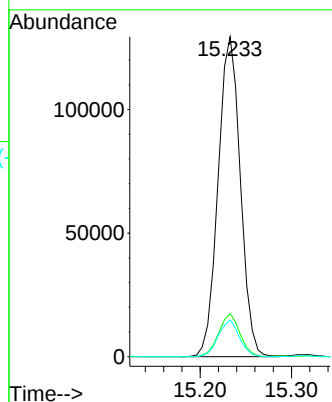
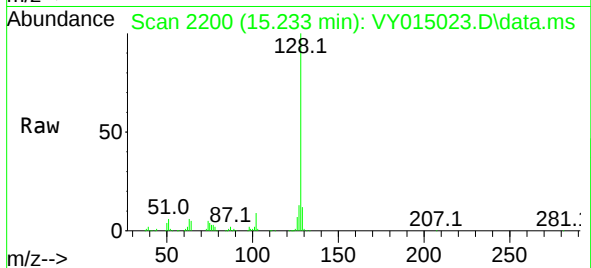
Tgt Ion:128 Resp: 219107

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.635 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015023.D

Acq: 10 Aug 2023 13:29

Tgt Ion:180 Resp: 76786

Ion Ratio Lower Upper

180 100

182 92.9 47.3 141.8

145 31.9 15.4 46.2

