

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013957.D
 Acq On : 01 Jun 2023 11:28
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 02 06:45:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 06:43:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	245901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	397064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	33634	10.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.660%#
35) Dibromofluoromethane	7.716	113	24670	9.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.560%#
50) Toluene-d8	10.179	98	96174	9.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.980%#
62) 4-Bromofluorobenzene	12.477	95	31672	9.652	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.300%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21025	9.717	ug/l	97
3) Chloromethane	2.113	50	31290	10.442	ug/l	96
4) Vinyl Chloride	2.247	62	26835	9.667	ug/l	99
5) Bromomethane	2.656	94	24130	9.982	ug/l	100
6) Chloroethane	2.790	64	19933	10.033	ug/l	95
7) Trichlorofluoromethane	3.125	101	42946	9.786	ug/l	99
8) Diethyl Ether	3.527	74	17352	10.086	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	21520	9.546	ug/l	99
10) Methyl Iodide	4.088	142	28781	9.263	ug/l	97
11) Tert butyl alcohol	4.924	59	39348	58.816	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	23503	9.943	ug/l	90
13) Acrolein	3.729	56	17108	55.842	ug/l	100
14) Allyl chloride	4.479	41	45008	9.812	ug/l	99
15) Acrylonitrile	5.167	53	44725	46.846	ug/l	99
16) Acetone	3.954	43	51269	46.035	ug/l	93
17) Carbon Disulfide	4.192	76	80975	10.131	ug/l	97
18) Methyl Acetate	4.479	43	36336	9.031	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	74010	9.678	ug/l	98
20) Methylene Chloride	4.710	84	39772	10.008	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	27183	10.153	ug/l	95
22) Diisopropyl ether	6.118	45	87383	9.827	ug/l	97
23) Vinyl Acetate	6.057	43	258662	46.379	ug/l	99
24) 1,1-Dichloroethane	6.015	63	50786	10.233	ug/l	99
25) 2-Butanone	6.990	43	63336	45.650	ug/l	95
26) 2,2-Dichloropropane	6.978	77	44869	9.961	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	31142	10.159	ug/l	99
28) Bromochloromethane	7.332	49	24790	10.576	ug/l	97
29) Tetrahydrofuran	7.350	42	39501	45.783	ug/l	99
30) Chloroform	7.502	83	53811	10.326	ug/l	99
31) Cyclohexane	7.783	56	37731	9.626	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	43040	9.737	ug/l	96
36) 1,1-Dichloropropene	7.911	75	34962	9.725	ug/l	99
37) Ethyl Acetate	7.069	43	28673	9.148	ug/l	99
38) Carbon Tetrachloride	7.893	117	39157	9.720	ug/l	97
39) Methylcyclohexane	9.179	83	33672	8.773	ug/l	98
40) Benzene	8.161	78	111901	10.090	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10918	7.537	ug/l	89
42) 1,2-Dichloroethane	8.234	62	41334	10.164	ug/l	97
43) Isopropyl Acetate	8.271	43	48588	9.206	ug/l	98
44) Trichloroethene	8.935	130	29384	10.118	ug/l	93
45) 1,2-Dichloropropane	9.215	63	28352	9.907	ug/l	94
46) Dibromomethane	9.301	93	18284	9.979	ug/l	98
47) Bromodichloromethane	9.496	83	41613	10.082	ug/l #	96
48) Methyl methacrylate	9.295	41	22312	9.288	ug/l	100
49) 1,4-Dioxane	9.313	88	4210	158.004	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	135813	45.560	ug/l	99
52) Toluene	10.240	92	69259	10.194	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	43379	9.784	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	47062	9.942	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	23950	9.915	ug/l	98
56) Ethyl methacrylate	10.508	69	31967	9.217	ug/l	97
57) 1,3-Dichloropropane	10.788	76	40351	9.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	49075	49.207	ug/l	99
59) 2-Hexanone	10.831	43	95649	44.312	ug/l	97
60) Dibromochloromethane	10.983	129	30361	9.945	ug/l	100
61) 1,2-Dibromoethane	11.087	107	24116	9.937	ug/l	95
64) Tetrachloroethene	10.715	164	24713	9.898	ug/l	96
65) Chlorobenzene	11.514	112	76179	10.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	29844	10.253	ug/l	99
67) Ethyl Benzene	11.593	91	128922	9.962	ug/l	99
68) m/p-Xylenes	11.703	106	98943	20.015	ug/l	98
69) o-Xylene	12.026	106	47091	9.941	ug/l	99
70) Styrene	12.044	104	79513	9.773	ug/l	99
71) Bromoform	12.209	173	21288	9.920	ug/l #	100
73) Isopropylbenzene	12.331	105	115544	9.611	ug/l	100
74) N-amyl acetate	12.142	43	41154	8.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	30672	9.762	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	40780	16.605	ug/l #	100
77) Bromobenzene	12.605	156	33184	10.211	ug/l	99
78) n-propylbenzene	12.672	91	142493	9.671	ug/l	100
79) 2-Chlorotoluene	12.758	91	87130	9.989	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	100839	9.787	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10604	9.178	ug/l	94
82) 4-Chlorotoluene	12.855	91	92335	10.065	ug/l	100
83) tert-Butylbenzene	13.075	119	84725	9.819	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	102686	9.978	ug/l	100
85) sec-Butylbenzene	13.251	105	121031	9.646	ug/l	99
86) p-Isopropyltoluene	13.367	119	104164	9.835	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	64117	10.389	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64620	10.350	ug/l	97
89) n-Butylbenzene	13.696	91	93571	9.363	ug/l	99
90) Hexachloroethane	13.959	117	22810	10.262	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	59150	10.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5659	9.338	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	33519	9.590	ug/l	96
94) Hexachlorobutadiene	15.111	225	18109	9.727	ug/l	98
95) Naphthalene	15.233	128	65828	11.022	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	30683	9.638	ug/l	99

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ClientSampleId :
VSTDICC010

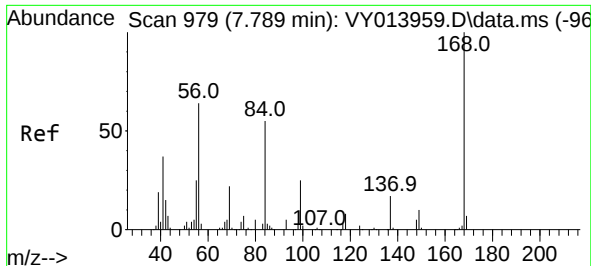
Quant Time: Jun 02 06:45:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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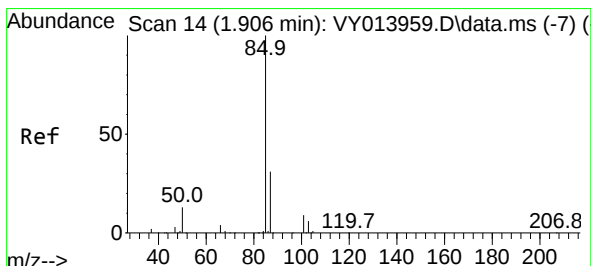
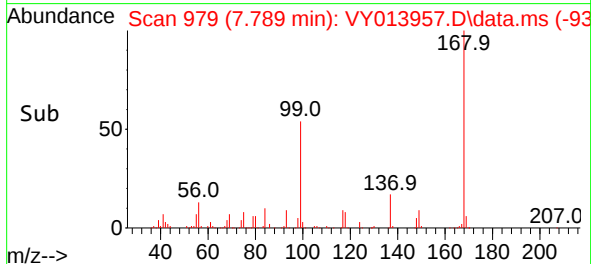
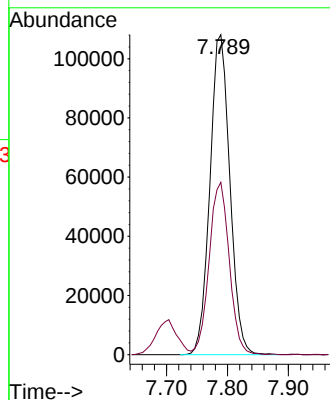
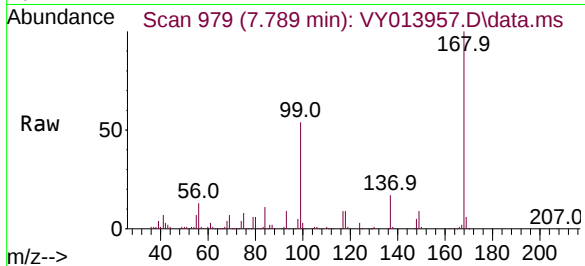




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013957.D
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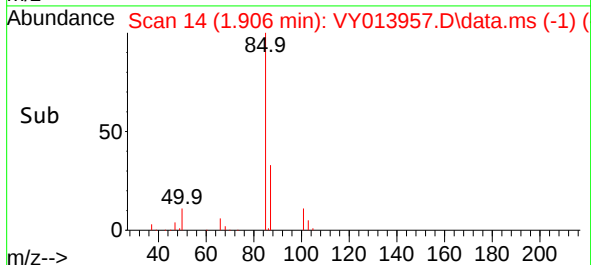
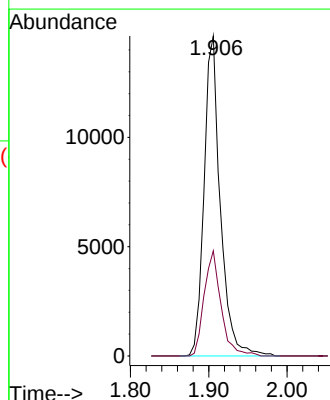
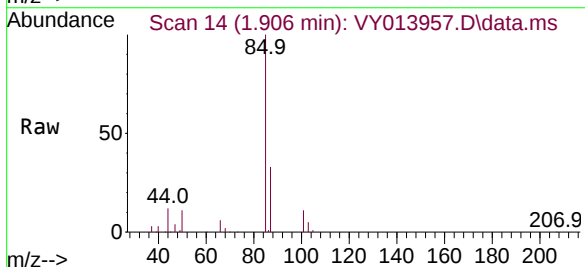
Instrument :
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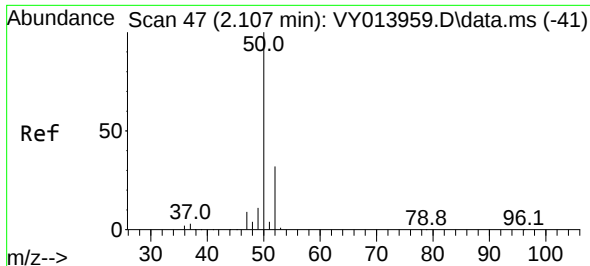
Tgt Ion:168 Resp: 245901
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 9.717 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 85 Resp: 21025
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

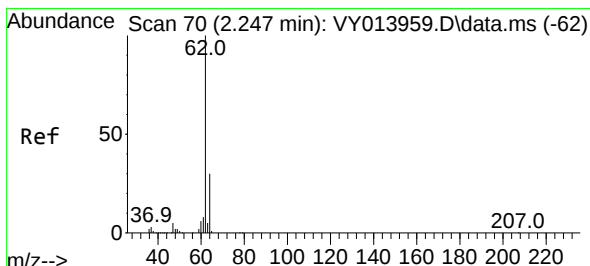
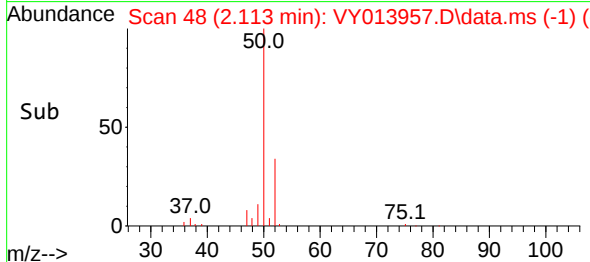
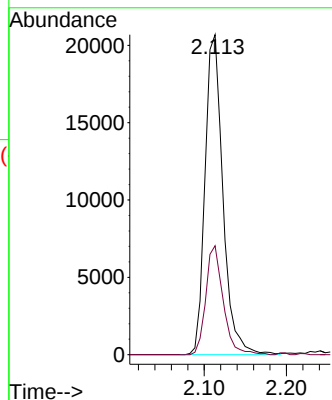
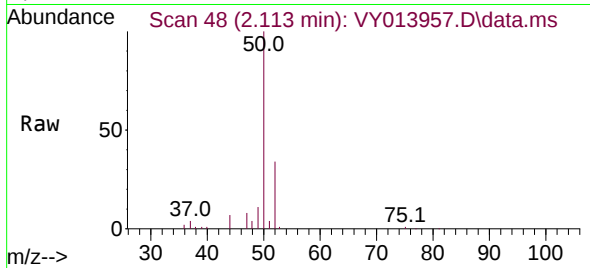




#3
Chloromethane
Concen: 10.442 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

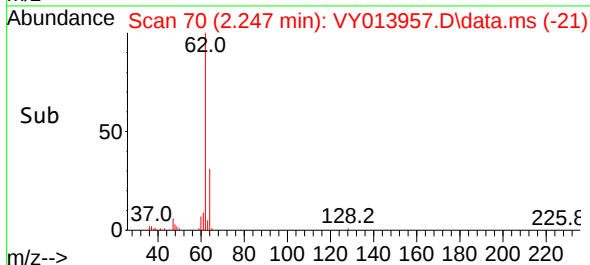
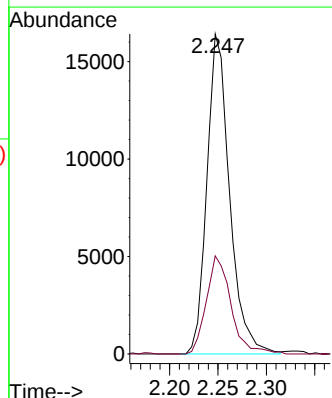
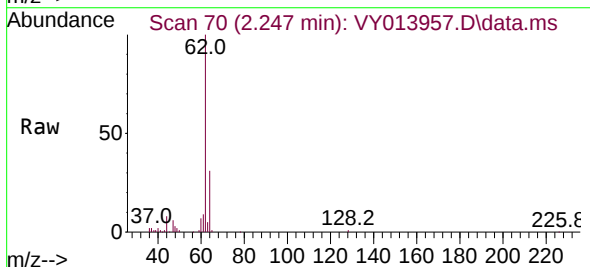
Instrument :
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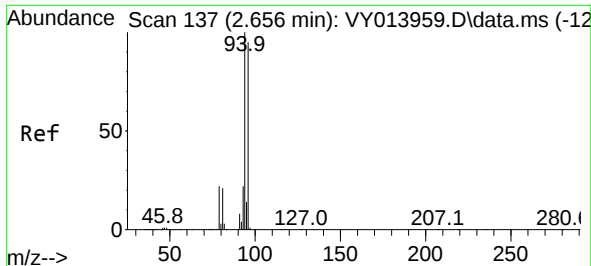
Tgt Ion: 50 Resp: 31290
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 9.667 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 62 Resp: 26835
Ion Ratio Lower Upper
62 100
64 30.7 24.3 36.5





#5

Bromomethane

Concen: 9.982 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

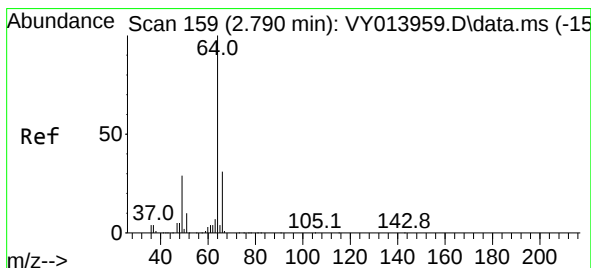
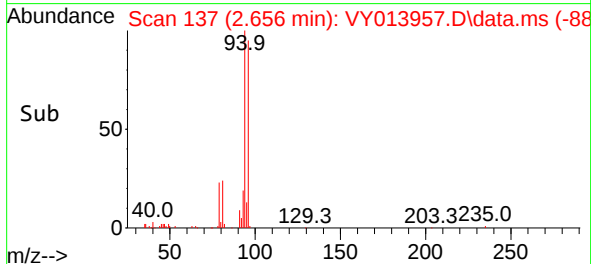
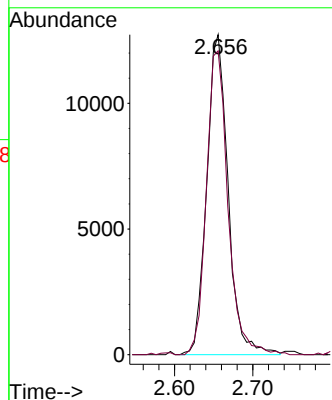
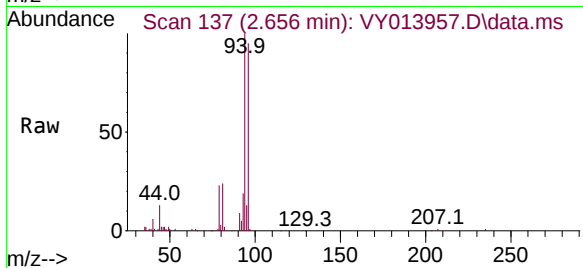
VSTDIC010

Tgt Ion: 94 Resp: 24130

Ion Ratio Lower Upper

94 100

96 95.0 75.8 113.6



#6

Chloroethane

Concen: 10.033 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.000 min

Lab File: VY013957.D

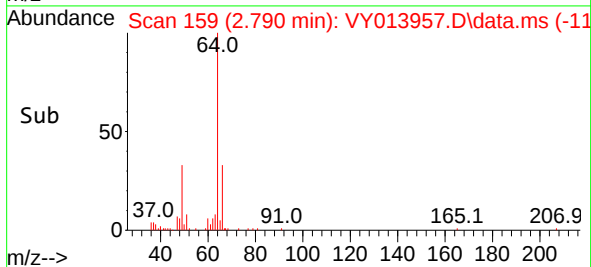
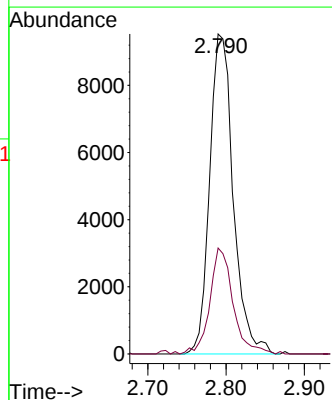
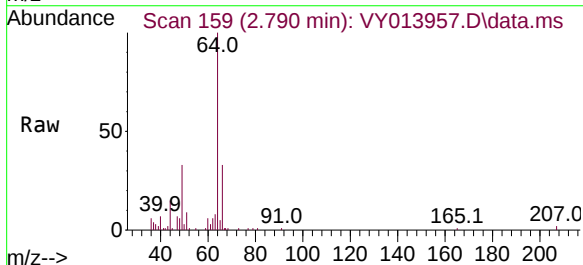
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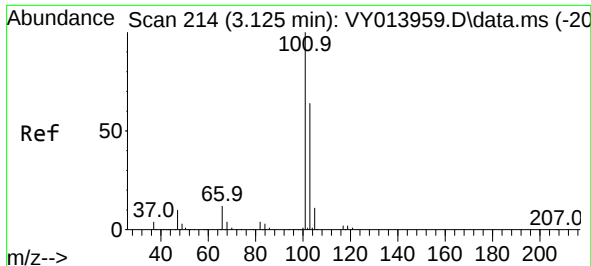
Tgt Ion: 64 Resp: 19933

Ion Ratio Lower Upper

64 100

66 33.1 24.4 36.6

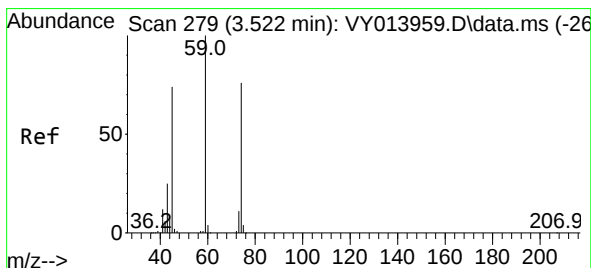
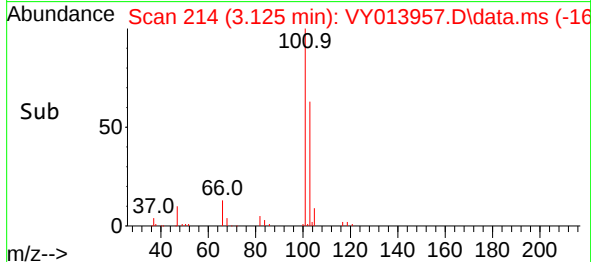
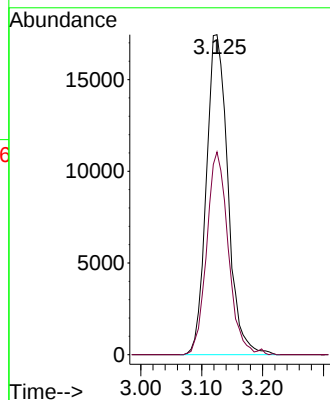
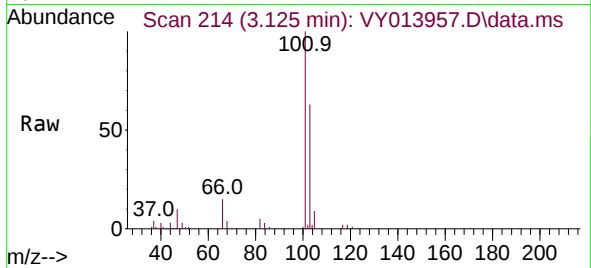




#7
 Trichlorofluoromethane
 Concen: 9.786 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

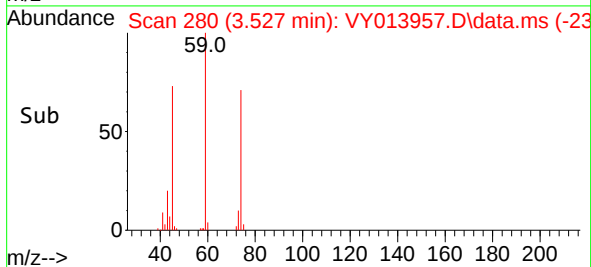
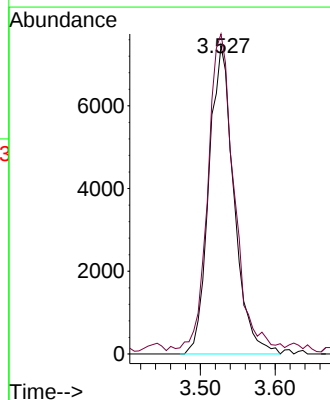
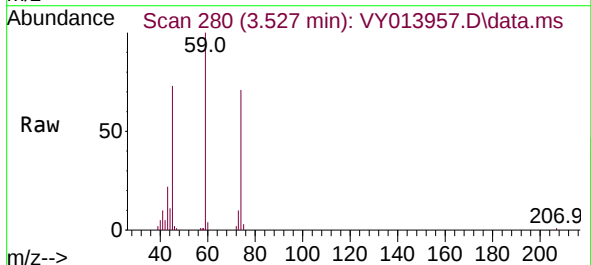
Instrument :
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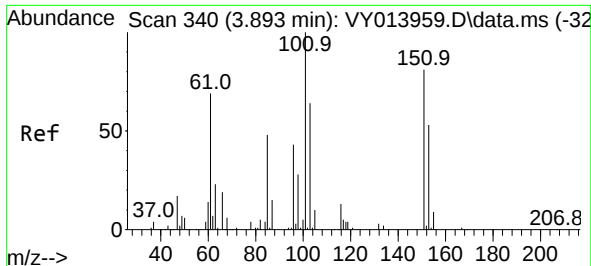
Tgt Ion:101 Resp: 42946
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 10.086 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

Tgt Ion: 74 Resp: 17352
 Ion Ratio Lower Upper
 74 100
 45 108.8 51.5 154.5

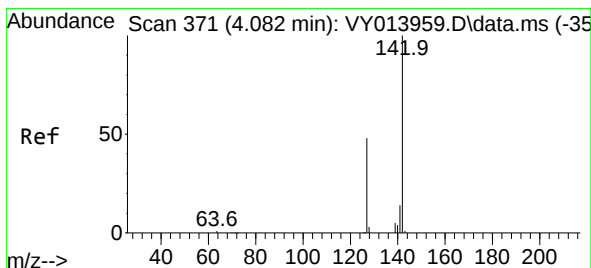
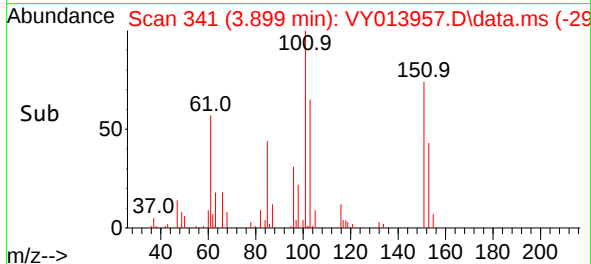
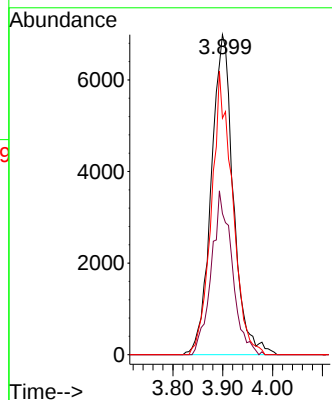
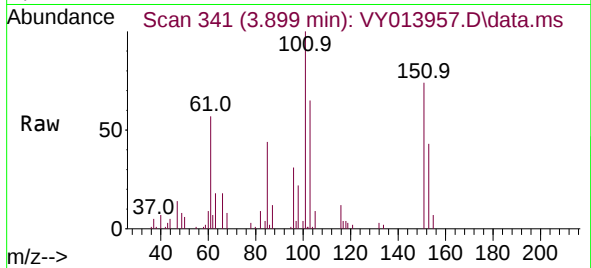




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.546 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013957.D
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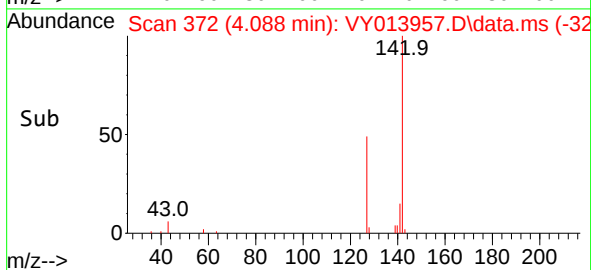
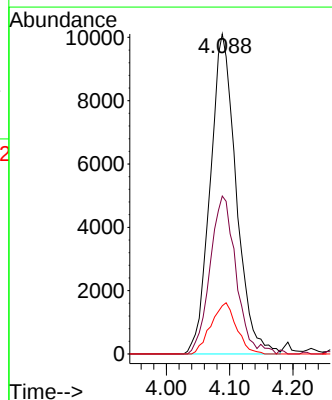
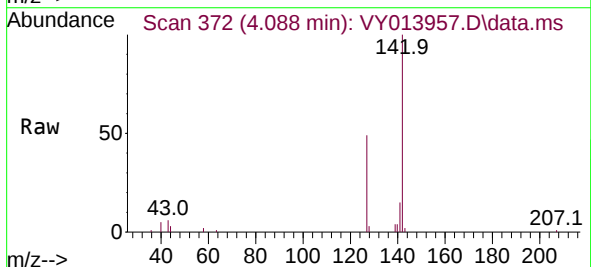
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

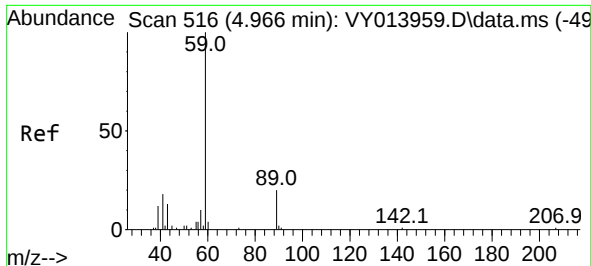
Tgt Ion:101 Resp: 21520
Ion Ratio Lower Upper
101 100
85 47.9 36.6 55.0
151 84.1 67.0 100.6



#10
Methyl Iodide
Concen: 9.263 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:142 Resp: 28781
Ion Ratio Lower Upper
142 100
127 49.4 37.6 56.4
141 15.7 11.8 17.8

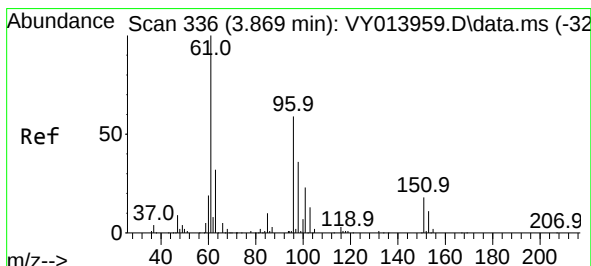
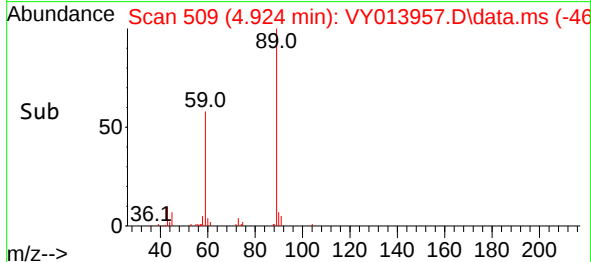
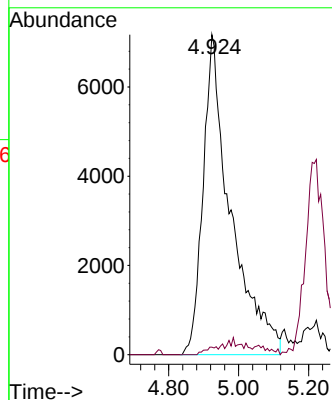
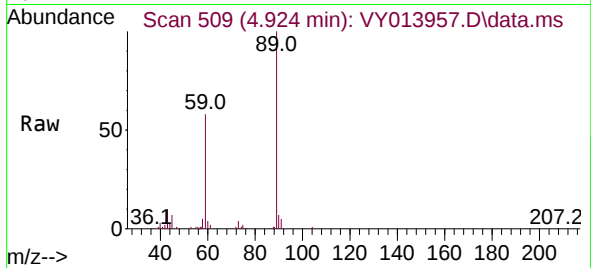




#11
Tert butyl alcohol
Concen: 58.816 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

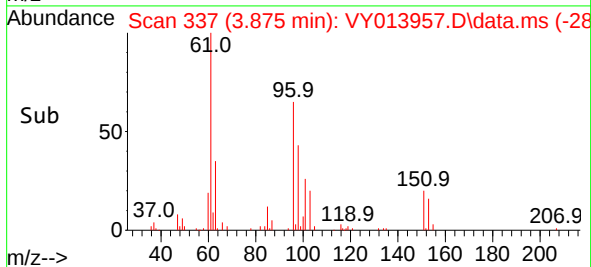
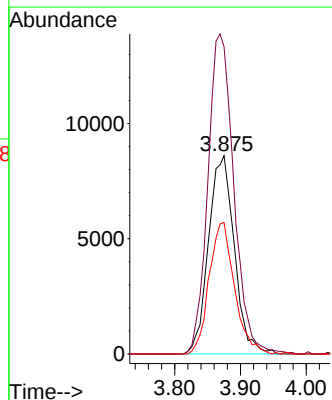
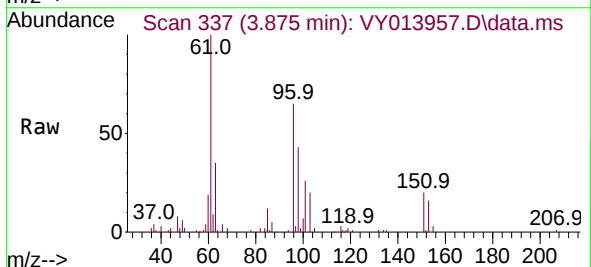
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

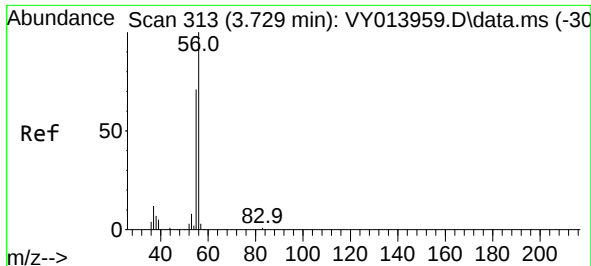
Tgt Ion: 59 Resp: 39348
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 9.943 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 96 Resp: 23503
Ion Ratio Lower Upper
96 100
61 155.0 136.4 204.6
98 66.3 49.4 74.2





#13

Acrolein

Concen: 55.842 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

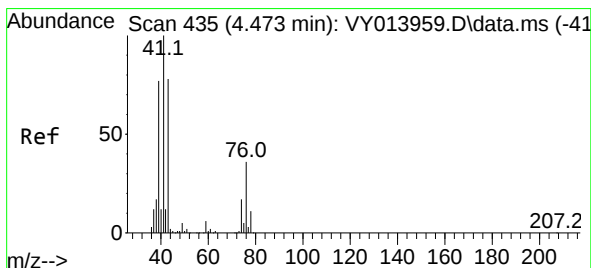
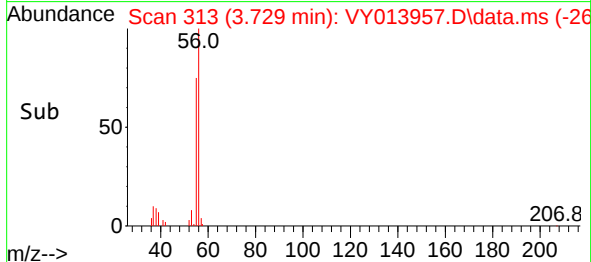
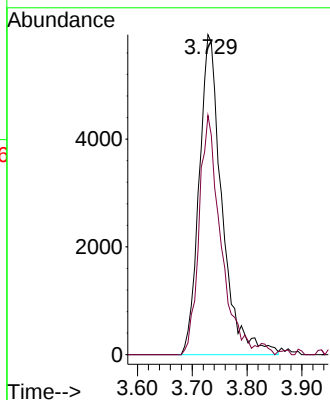
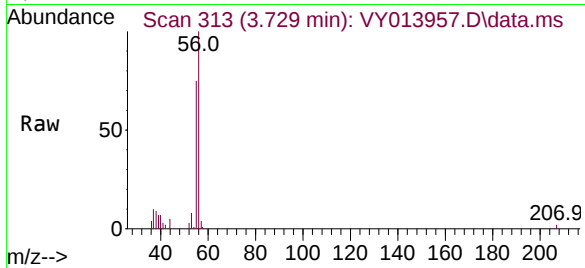
VSTDIC010

Tgt Ion: 56 Resp: 17108

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 9.812 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

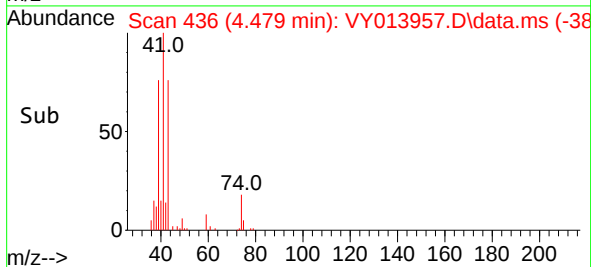
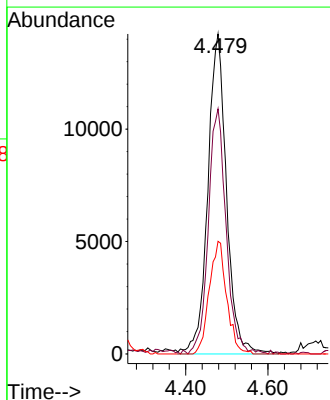
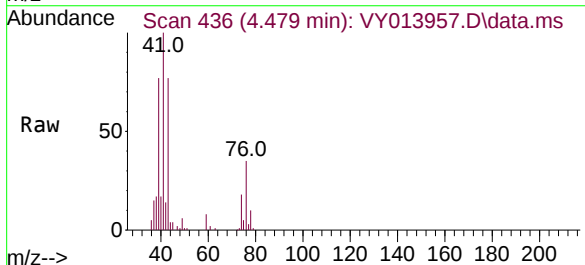
Tgt Ion: 41 Resp: 45008

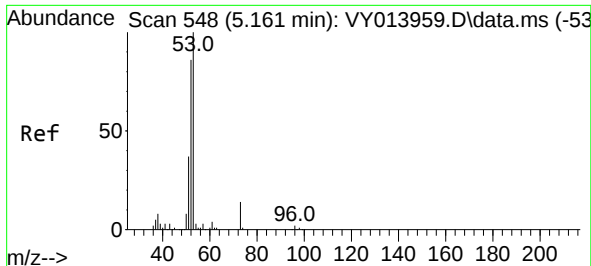
Ion Ratio Lower Upper

41 100

39 72.8 58.0 87.0

76 32.7 27.4 41.2

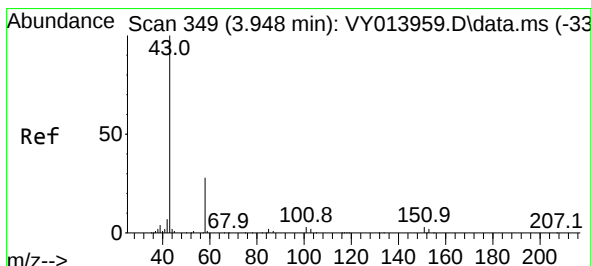
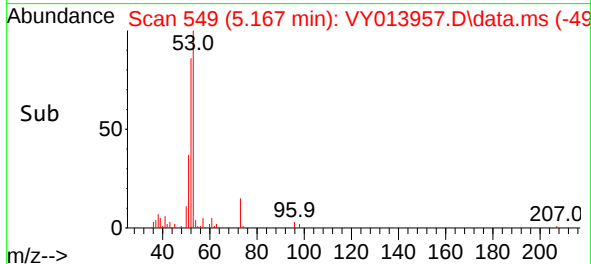
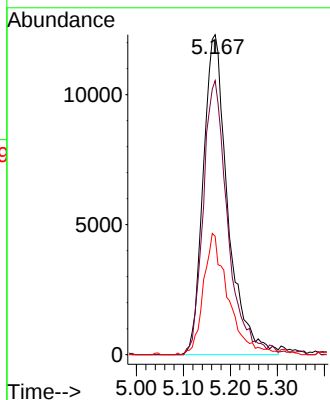
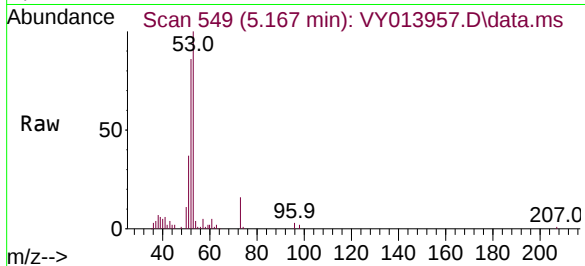




#15
Acrylonitrile
Concen: 46.846 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

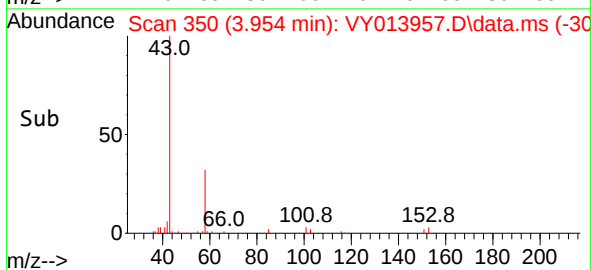
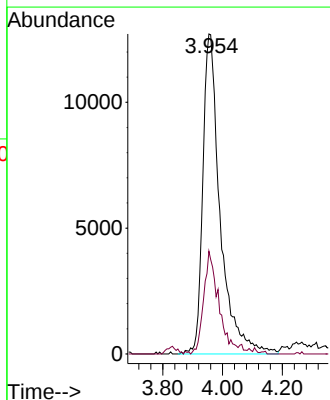
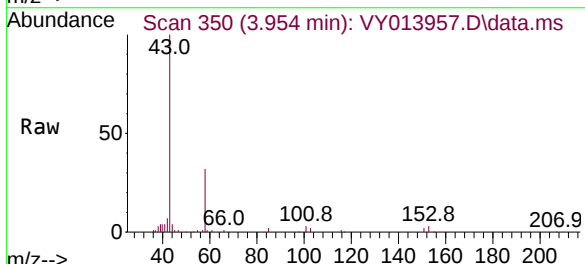
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

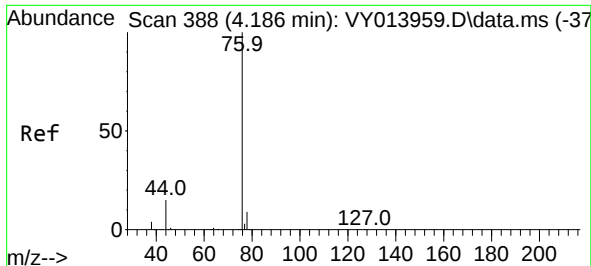
Tgt Ion: 53 Resp: 44725
Ion Ratio Lower Upper
53 100
52 84.6 66.9 100.3
51 38.1 29.8 44.6



#16
Acetone
Concen: 46.035 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 43 Resp: 51269
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

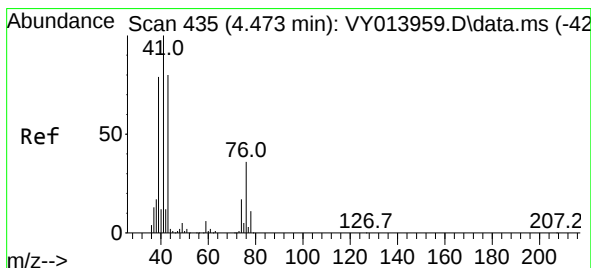
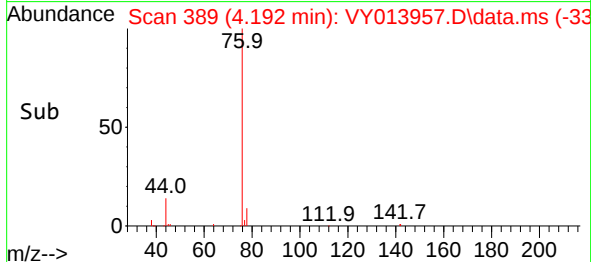
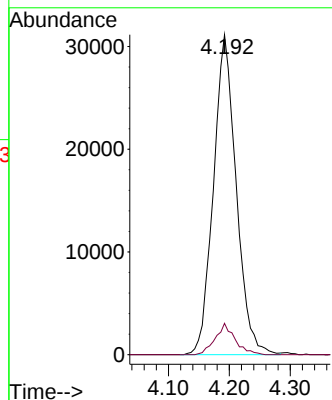
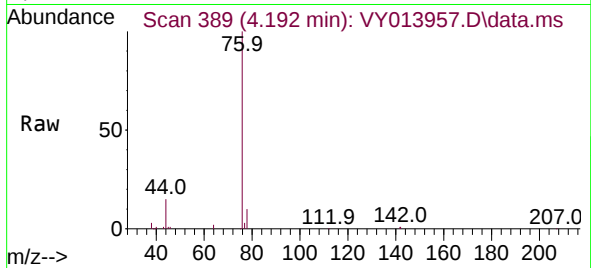




#17
Carbon Disulfide
Concen: 10.131 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

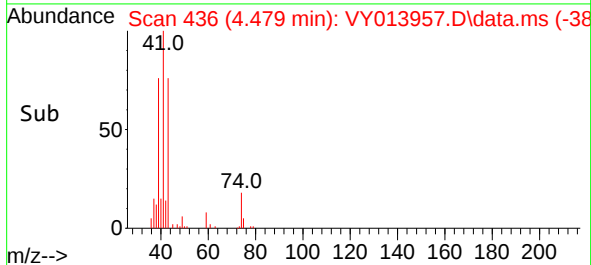
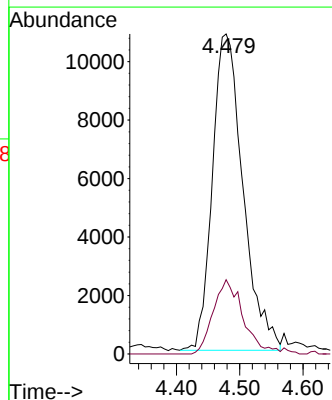
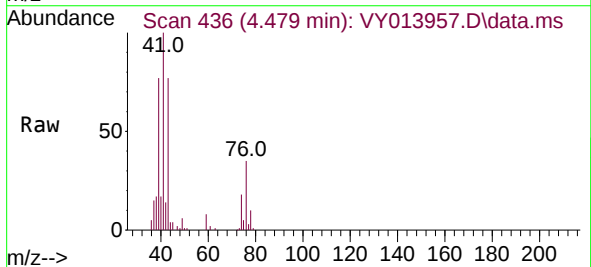
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

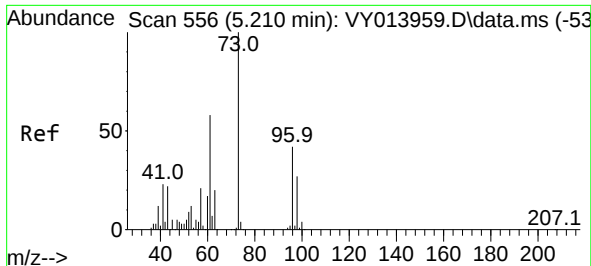
Tgt Ion: 76 Resp: 80975
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 9.031 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 43 Resp: 36336
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 9.678 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

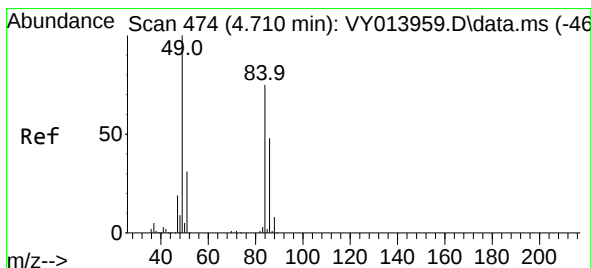
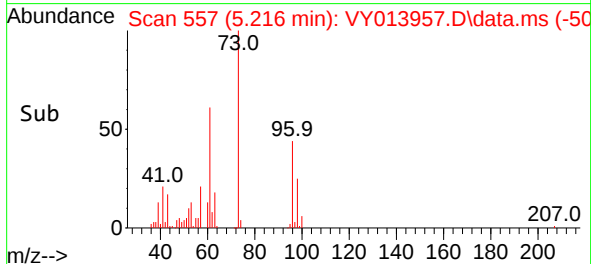
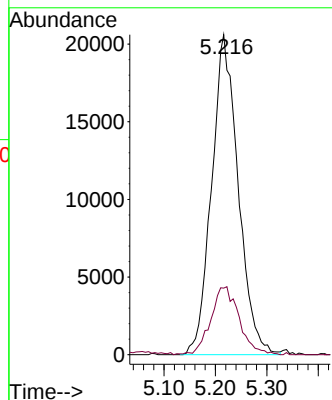
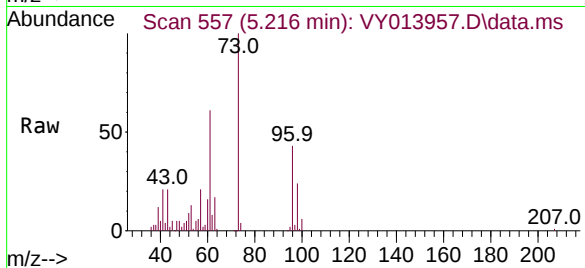
VSTDICC010

Tgt Ion: 73 Resp: 74010

Ion Ratio Lower Upper

73 100

57 20.8 17.3 25.9



#20

Methylene Chloride

Concen: 10.008 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion: 84 Resp: 39772

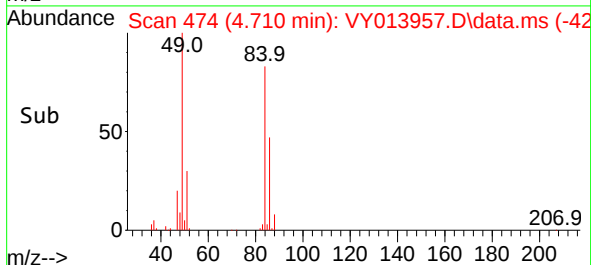
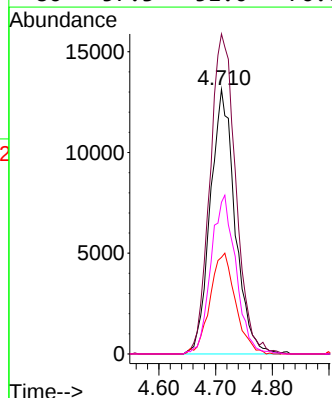
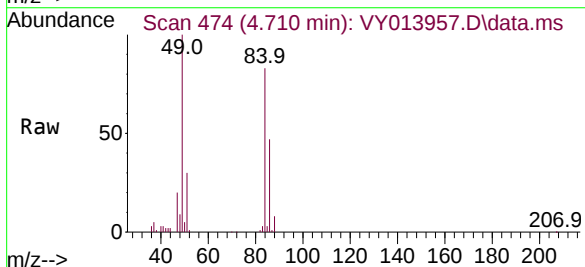
Ion Ratio Lower Upper

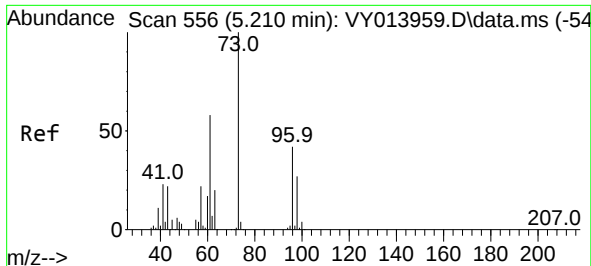
84 100

49 121.0 106.9 160.3

51 36.5 33.2 49.8

86 57.3 51.0 76.6

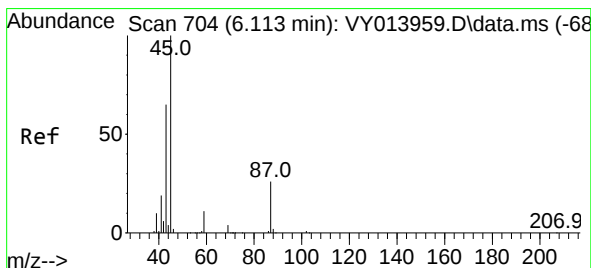
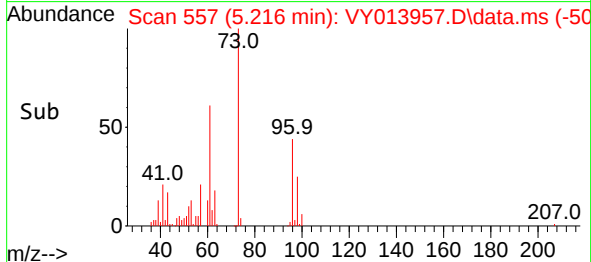
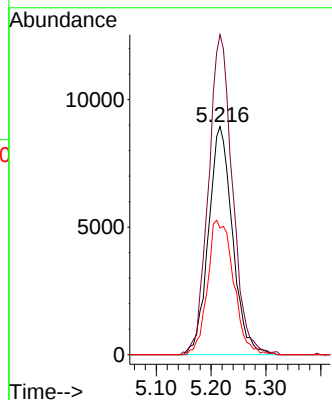
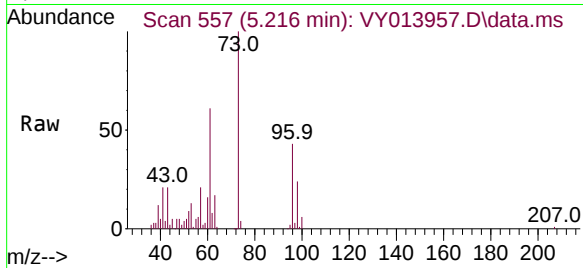




#21
trans-1,2-Dichloroethene
Concen: 10.153 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

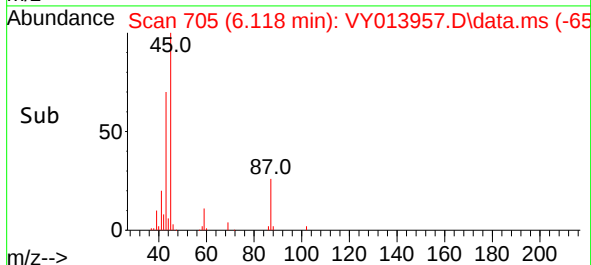
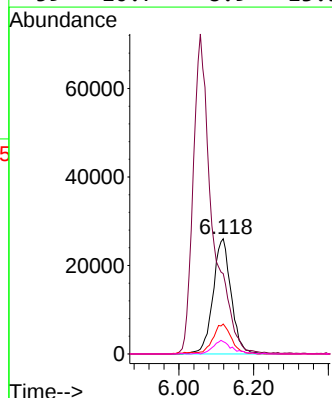
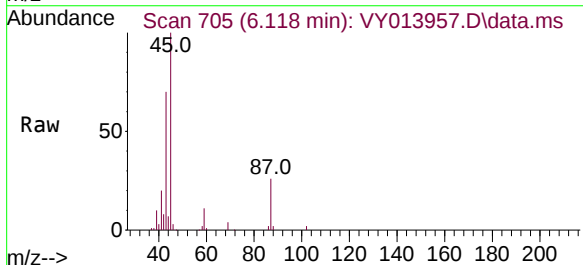
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 27183
Ion Ratio Lower Upper
96 100
61 140.3 110.2 165.4
98 55.6 51.8 77.6



#22
Diisopropyl ether
Concen: 9.827 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 45 Resp: 87383
Ion Ratio Lower Upper
45 100
43 69.3 52.2 78.4
87 25.9 21.0 31.6
59 10.7 8.9 13.3

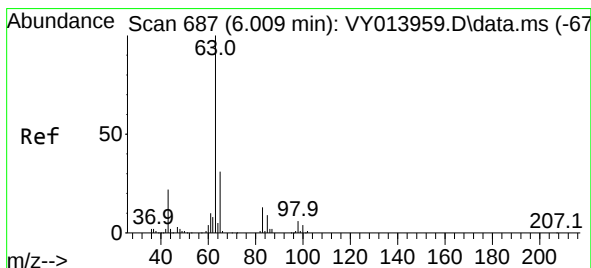
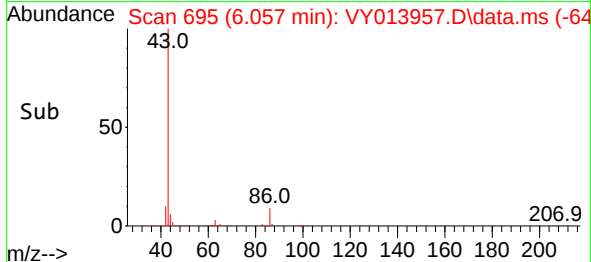
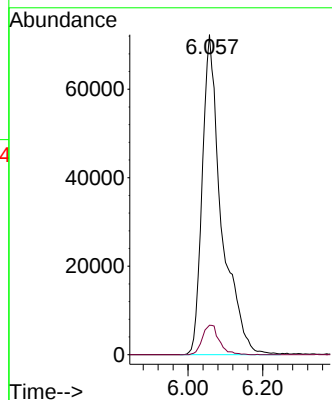
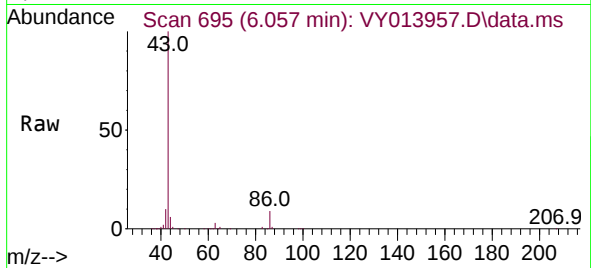




#23
 Vinyl Acetate
 Concen: 46.379 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

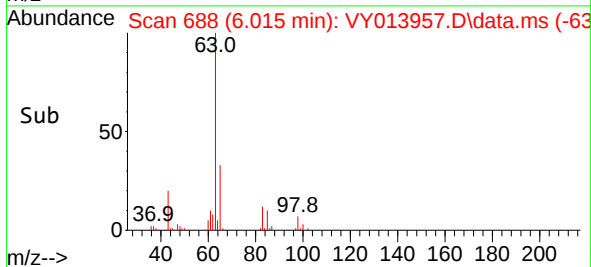
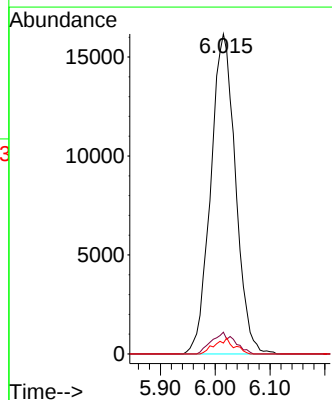
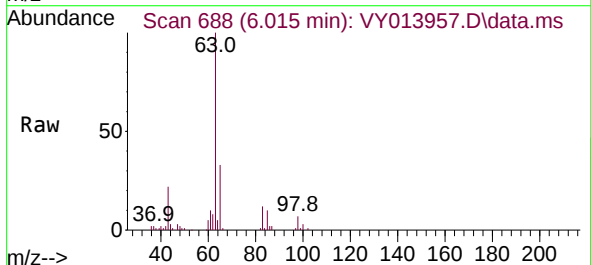
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

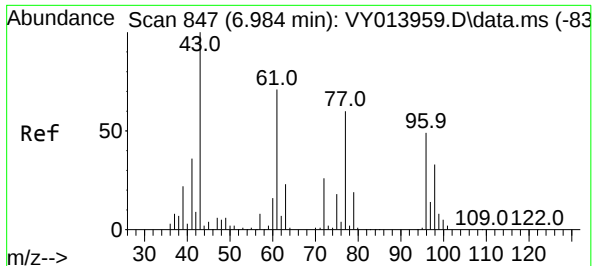
Tgt Ion: 43 Resp: 258662
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 10.233 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

Tgt Ion: 63 Resp: 50786
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 3.4 1.8 5.5





#25

2-Butanone

Concen: 45.650 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

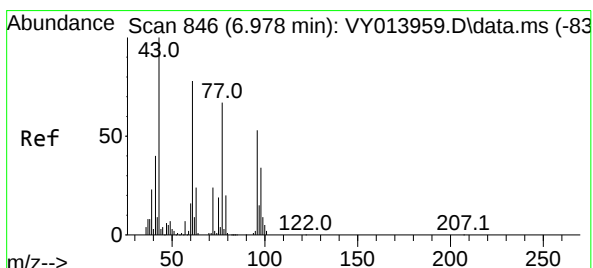
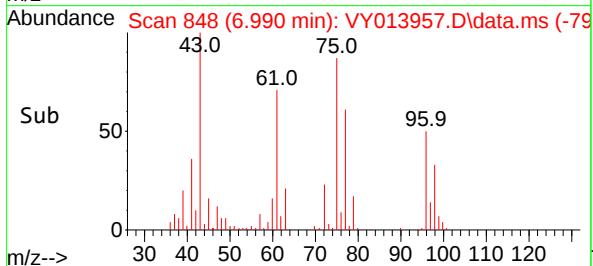
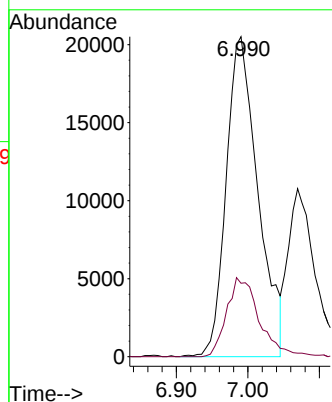
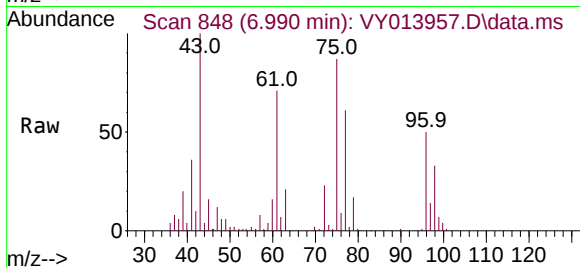
VSTDIC010

Tgt Ion: 43 Resp: 63336

Ion Ratio Lower Upper

43 100

72 23.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 9.961 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013957.D

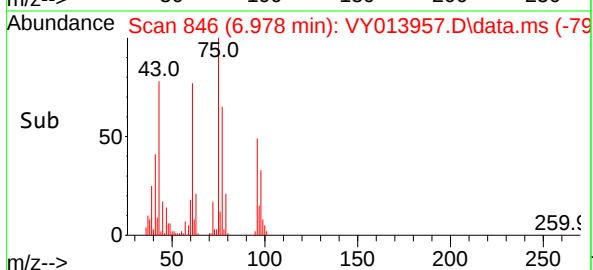
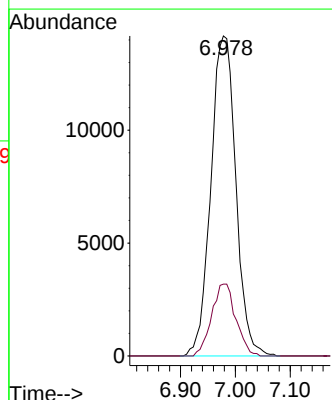
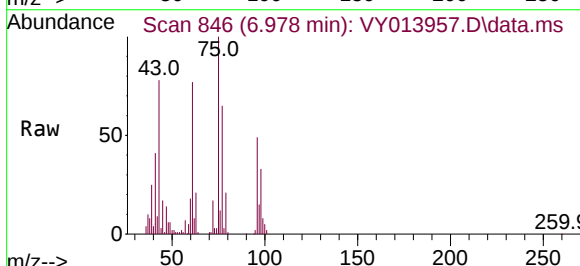
Acq: 01 Jun 2023 11:28

Tgt Ion: 77 Resp: 44869

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 10.159 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

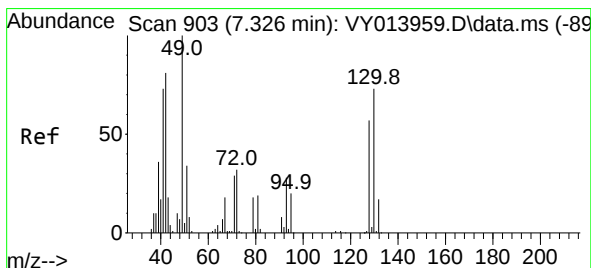
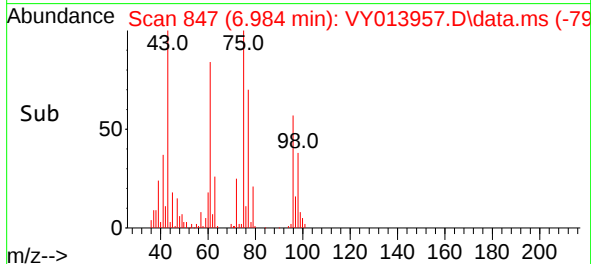
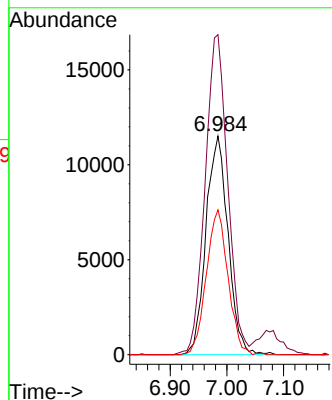
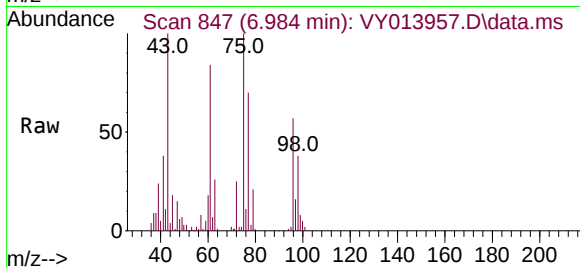
Tgt Ion: 96 Resp: 31142

Ion Ratio Lower Upper

96 100

61 149.4 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 10.576 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

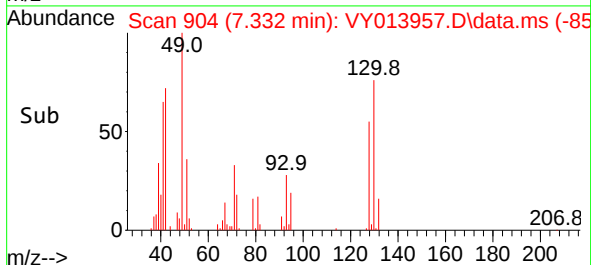
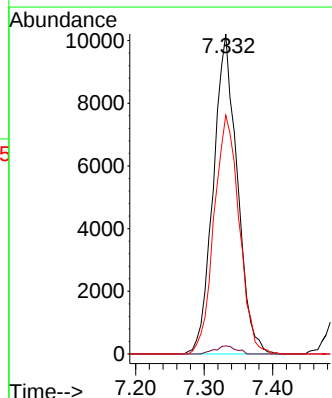
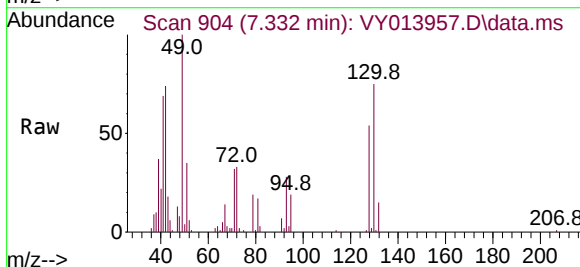
Tgt Ion: 49 Resp: 24790

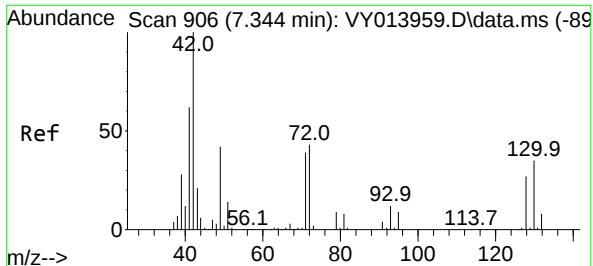
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 78.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 45.783 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

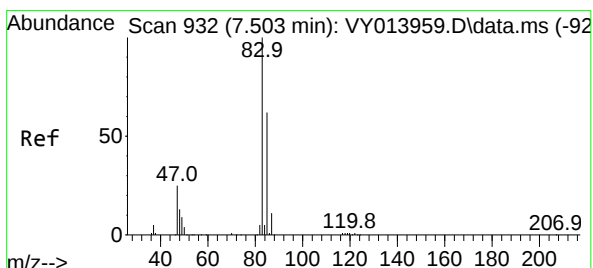
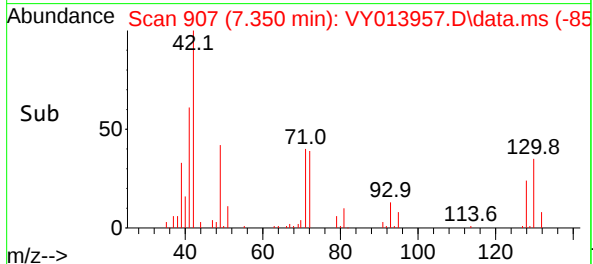
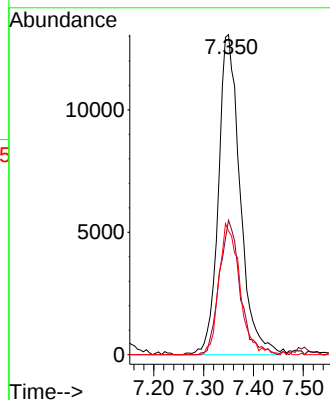
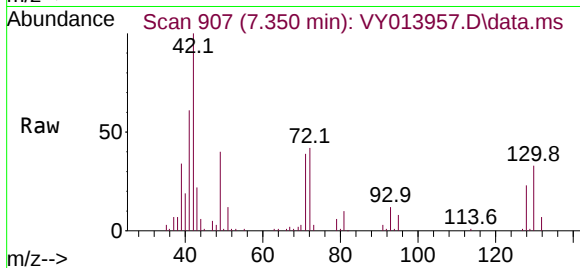
Tgt Ion: 42 Resp: 39501

Ion Ratio Lower Upper

42 100

72 40.5 32.8 49.2

71 39.5 31.0 46.4



#30

Chloroform

Concen: 10.326 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013957.D

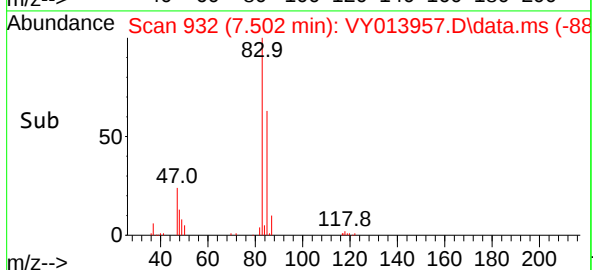
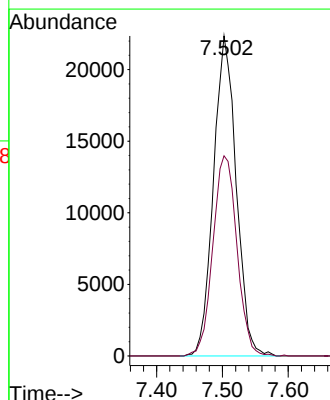
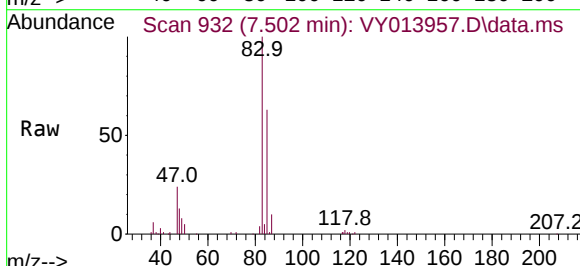
Acq: 01 Jun 2023 11:28

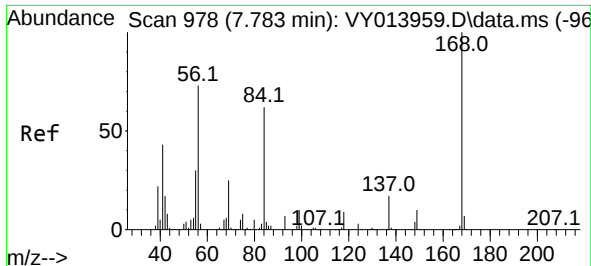
Tgt Ion: 83 Resp: 53811

Ion Ratio Lower Upper

83 100

85 62.5 49.7 74.5

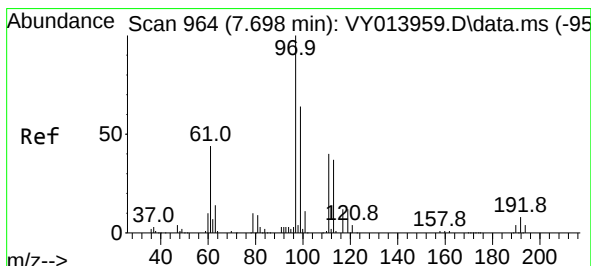
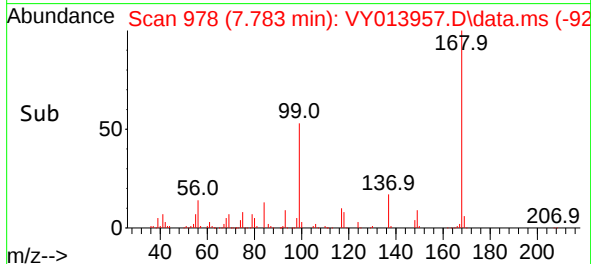
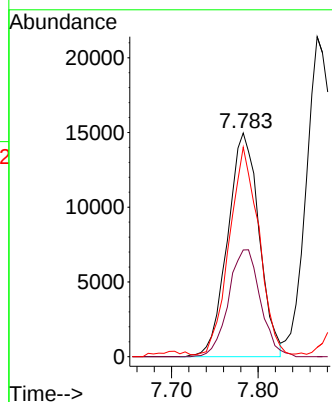
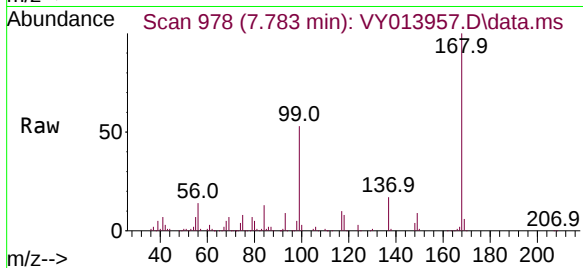




#31
Cyclohexane
Concen: 9.626 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

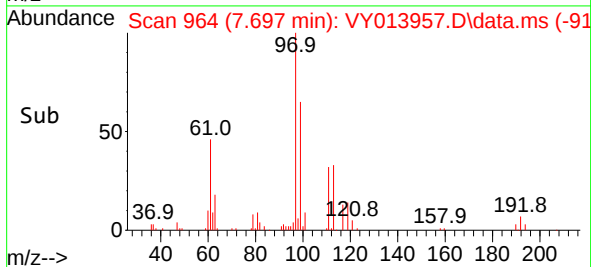
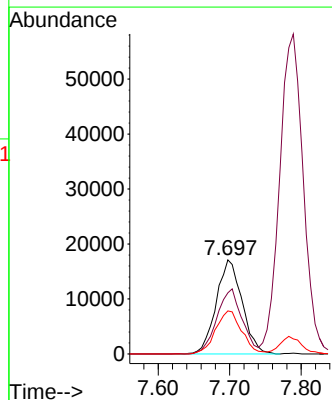
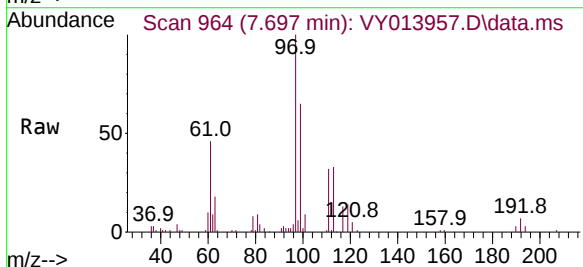
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

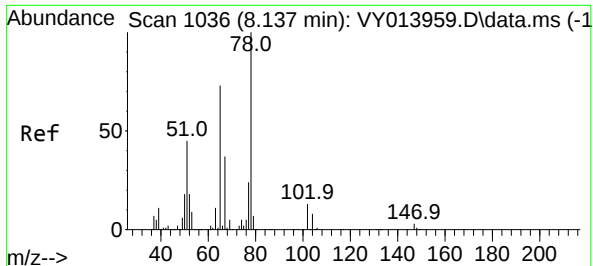
Tgt Ion: 56 Resp: 37731
Ion Ratio Lower Upper
56 100
69 47.7 27.8 41.6#
84 92.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 9.737 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 97 Resp: 43040
Ion Ratio Lower Upper
97 100
99 67.4 50.8 76.2
61 46.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 10.333 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

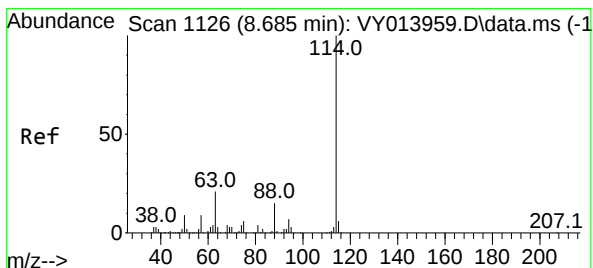
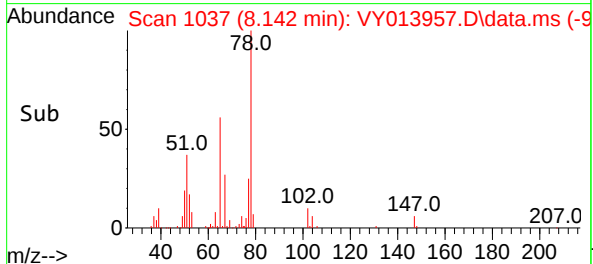
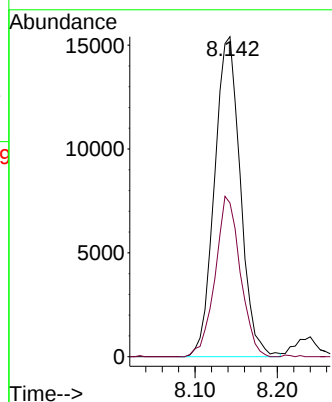
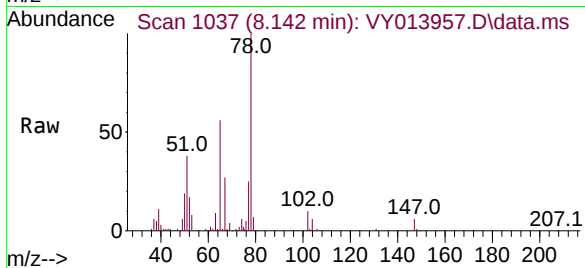
VSTDIC010

Tgt Ion: 65 Resp: 33634

Ion Ratio Lower Upper

65 100

67 48.7 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: VY013957.D

Acq: 01 Jun 2023 11:28

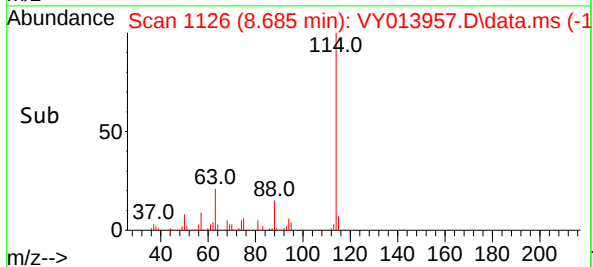
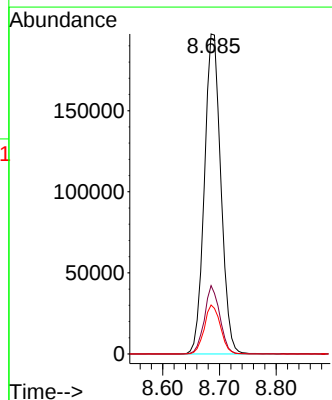
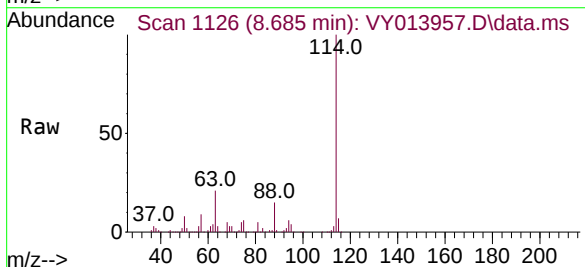
Tgt Ion: 114 Resp: 397064

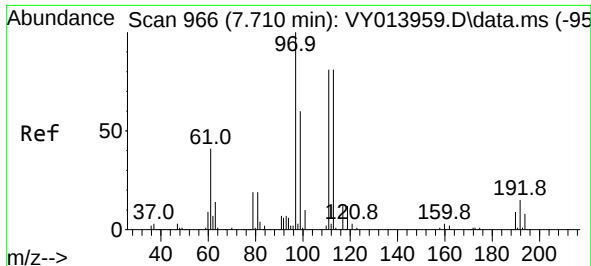
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 15.3 0.0 30.6

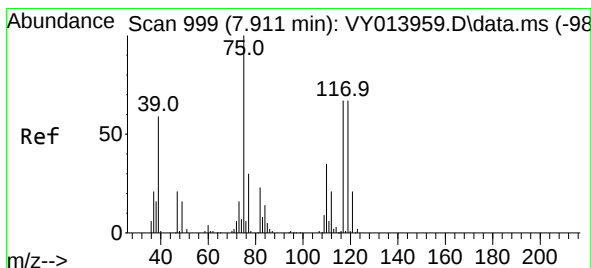
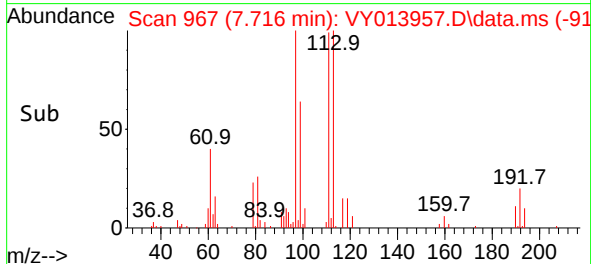
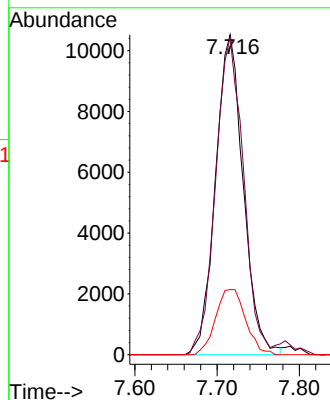
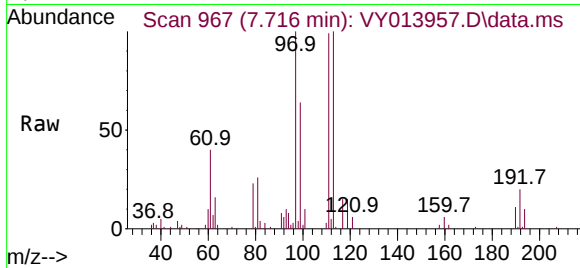




#35
Dibromofluoromethane
Concen: 9.777 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

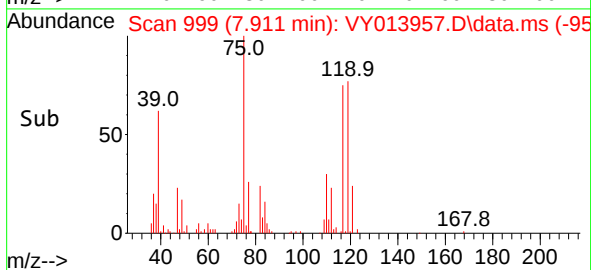
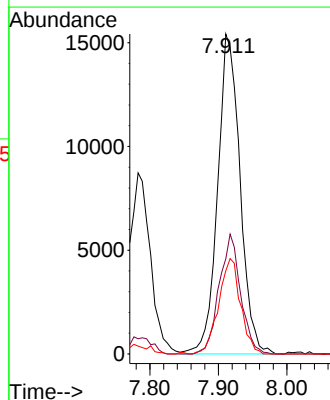
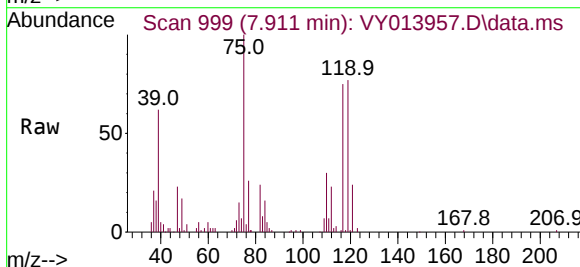
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

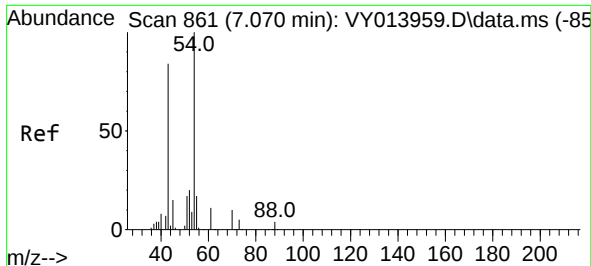
Tgt Ion:113 Resp: 24670
Ion Ratio Lower Upper
113 100
111 99.4 81.3 121.9
192 22.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 9.725 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 75 Resp: 34962
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 29.1 24.4 36.6





#37

Ethyl Acetate

Concen: 9.148 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

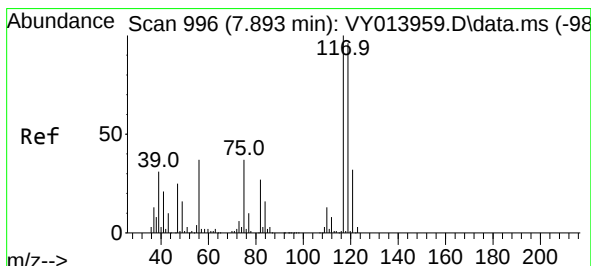
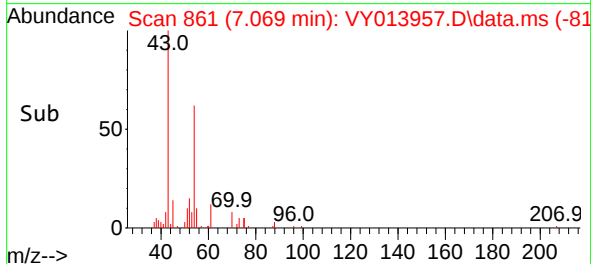
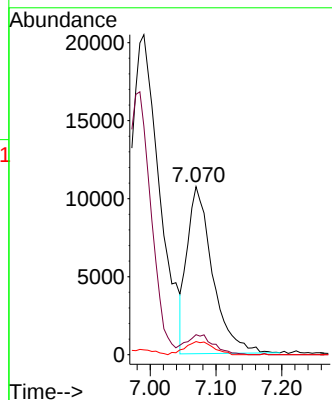
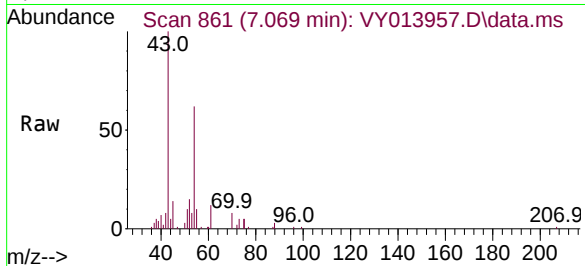
Tgt Ion: 43 Resp: 28673

Ion Ratio Lower Upper

43 100

61 13.2 10.1 15.1

70 8.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 9.720 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

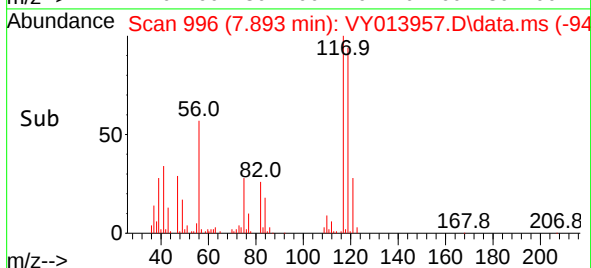
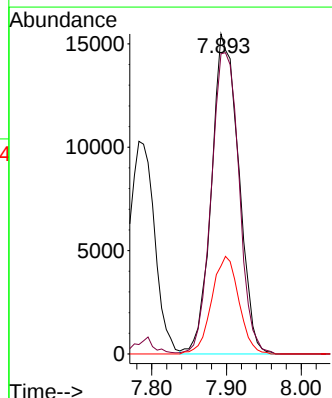
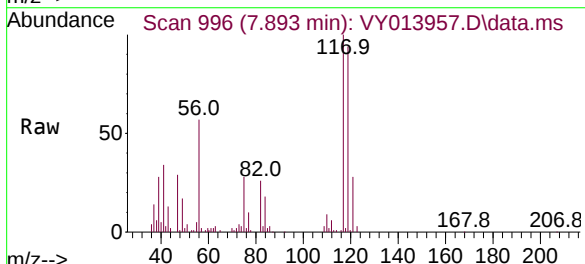
Tgt Ion: 117 Resp: 39157

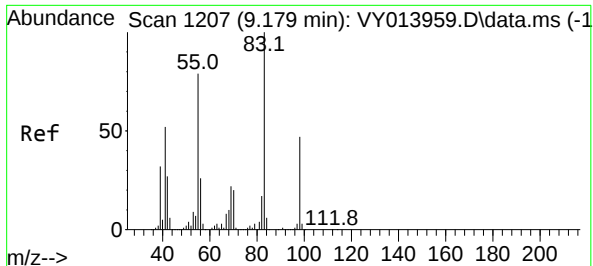
Ion Ratio Lower Upper

117 100

119 93.8 76.4 114.6

121 27.5 25.8 38.6





#39

Methylcyclohexane

Concen: 8.773 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

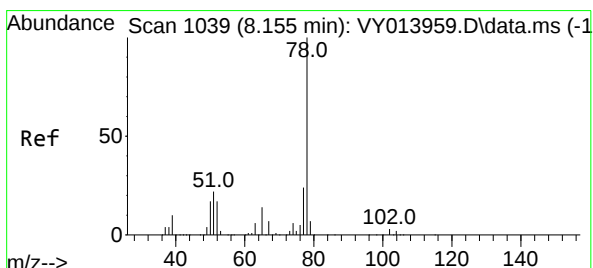
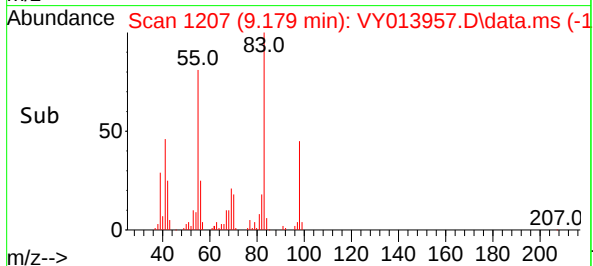
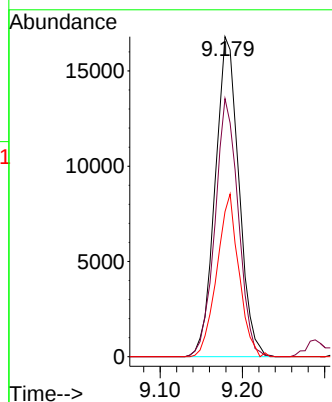
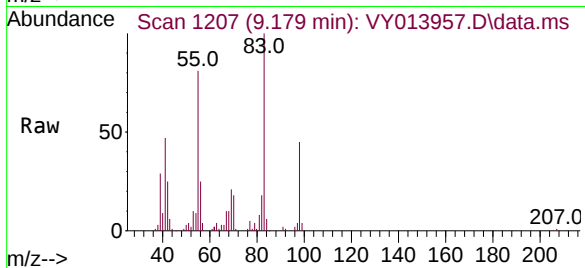
Tgt Ion: 83 Resp: 33672

Ion Ratio Lower Upper

83 100

55 80.6 63.0 94.4

98 45.3 37.4 56.2



#40

Benzene

Concen: 10.090 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY013957.D

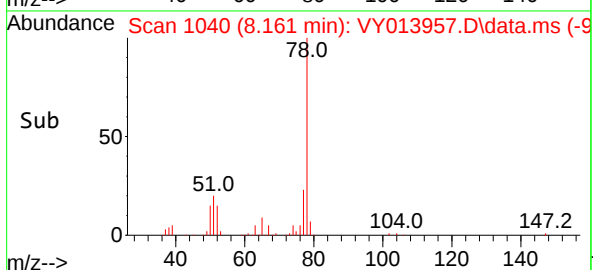
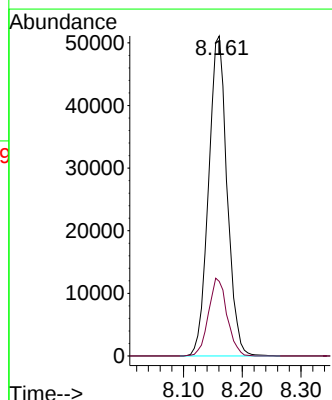
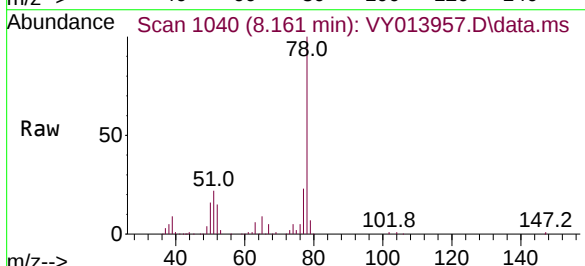
Acq: 01 Jun 2023 11:28

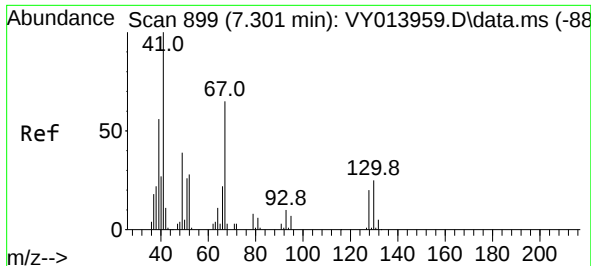
Tgt Ion: 78 Resp: 111901

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

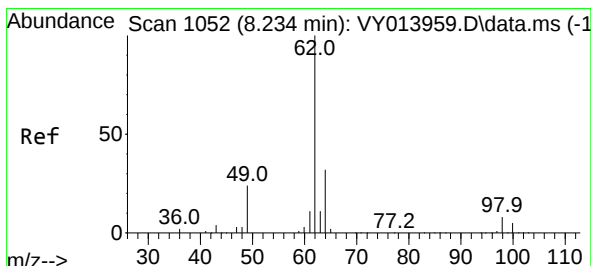
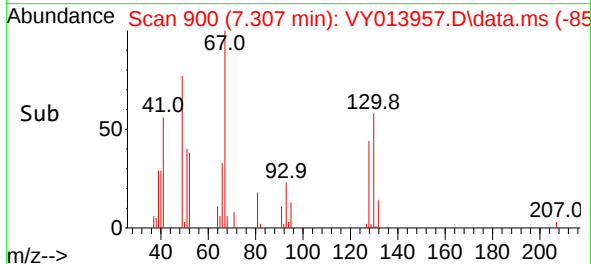
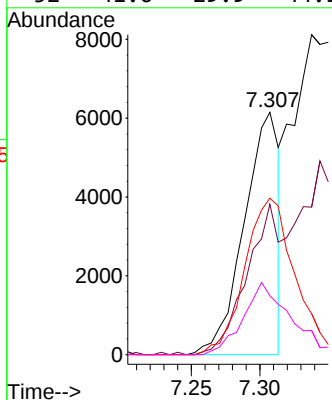
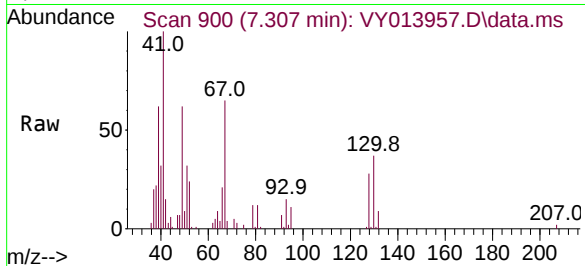




#41
Methacrylonitrile
Concen: 7.537 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

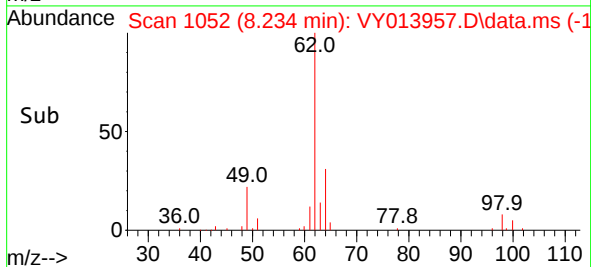
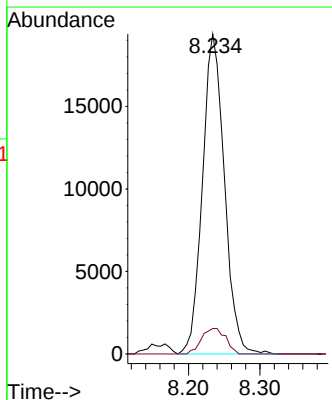
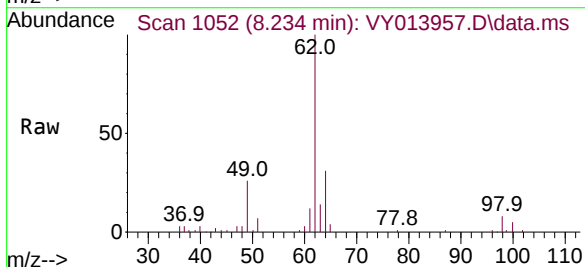
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

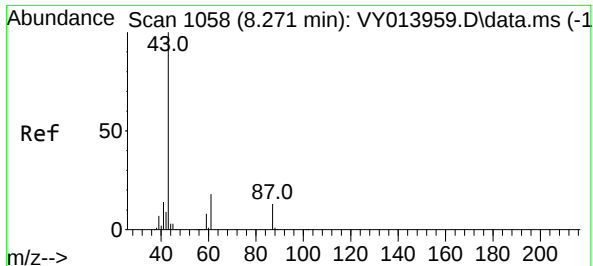
Tgt Ion:	41	Resp:	10918
Ion	Ratio	Lower	Upper
41	100		
39	56.0	52.1	78.1
67	94.4	66.2	99.2
52	41.6	29.9	44.9



#42
1,2-Dichloroethane
Concen: 10.164 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:	62	Resp:	41334
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8

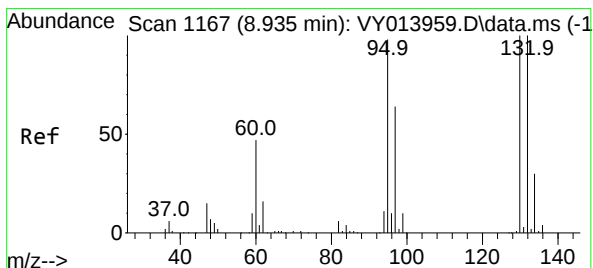
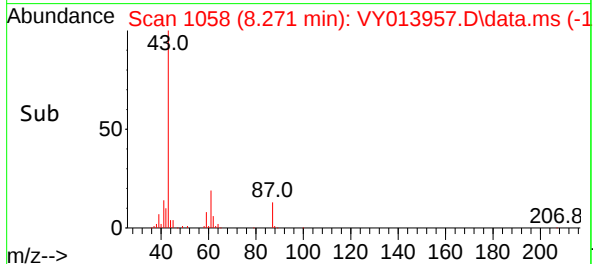
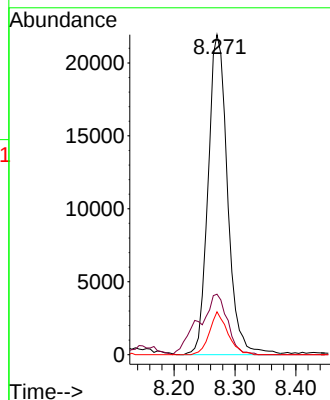
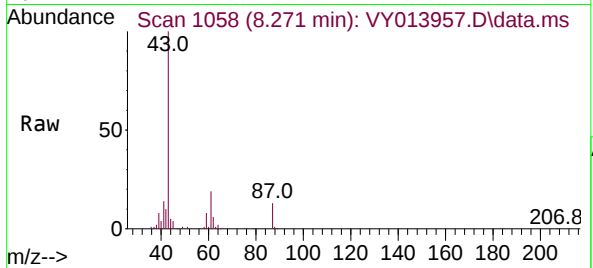




#43
Isopropyl Acetate
Concen: 9.206 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

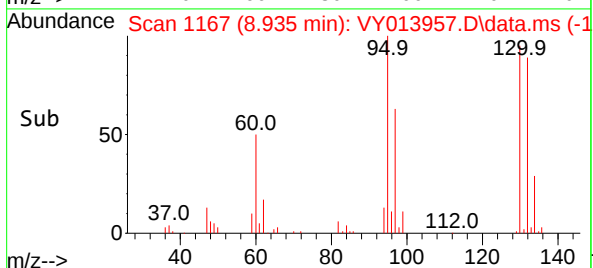
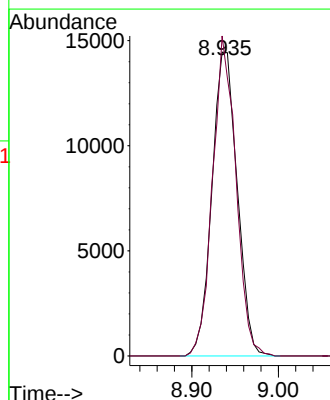
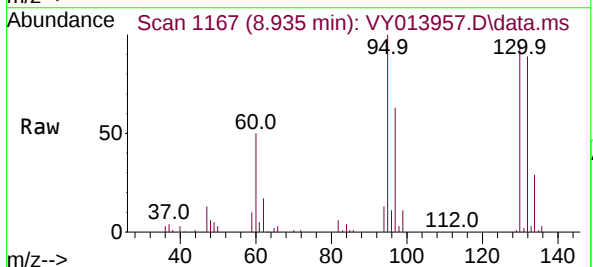
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

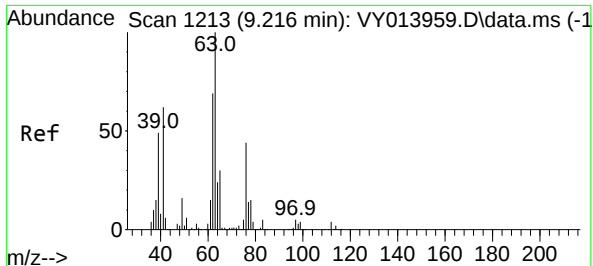
Tgt Ion:	43	Resp:	48588
Ion	Ratio	Lower	Upper
43	100		
61	27.8	21.1	31.7
87	12.6	9.8	14.8



#44
Trichloroethene
Concen: 10.118 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:	130	Resp:	29384
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	196.0





#45

1,2-Dichloropropane

Concen: 9.907 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

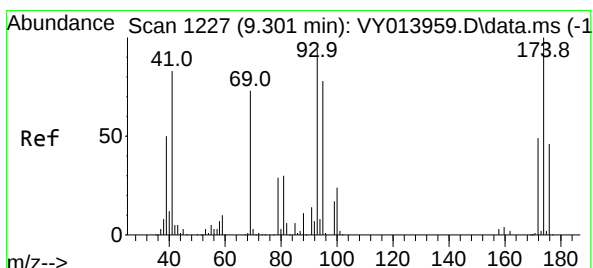
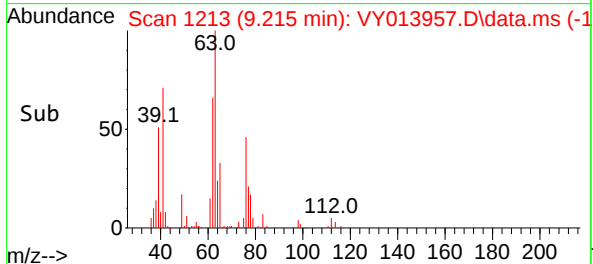
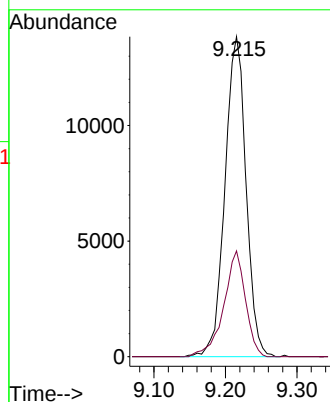
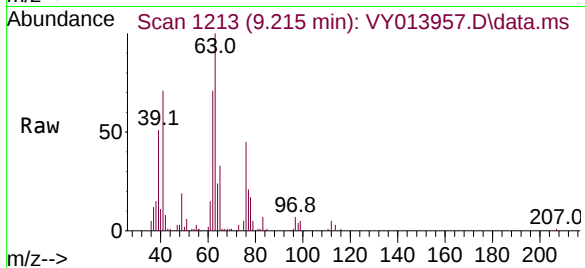
VSTDICC010

Tgt Ion: 63 Resp: 28352

Ion Ratio Lower Upper

63 100

65 33.0 23.8 35.6



#46

Dibromomethane

Concen: 9.979 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

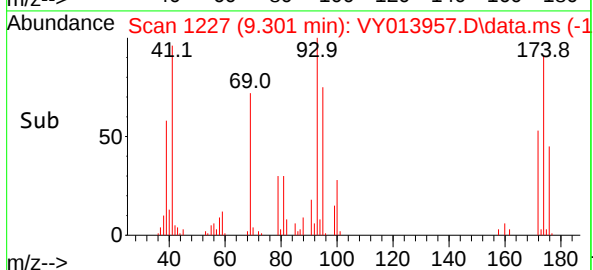
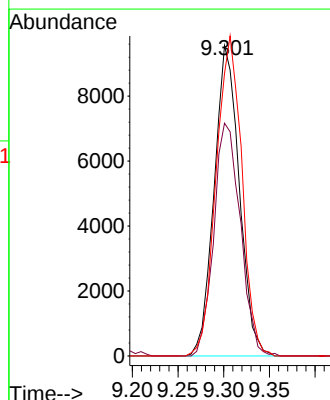
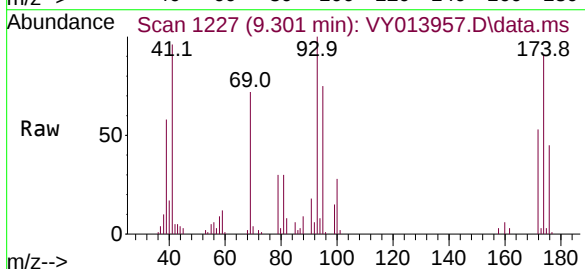
Tgt Ion: 93 Resp: 18284

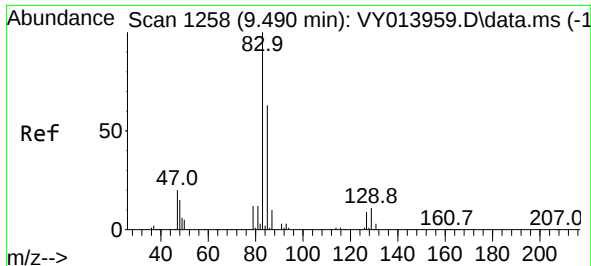
Ion Ratio Lower Upper

93 100

95 79.0 66.6 100.0

174 105.3 84.8 127.2





#47

Bromodichloromethane

Concen: 10.082 ug/l

RT: 9.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

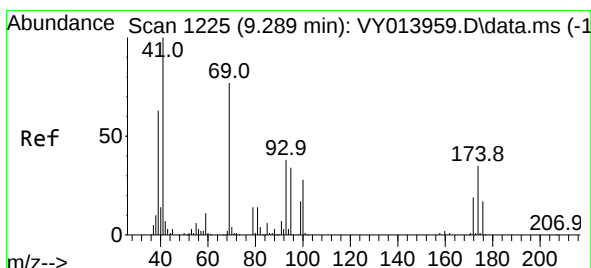
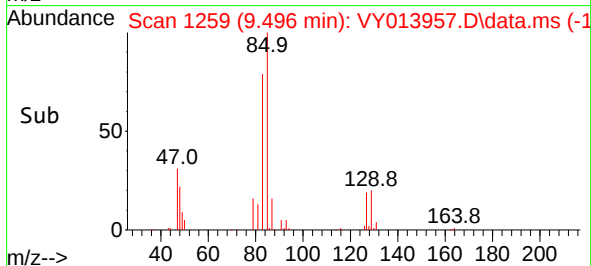
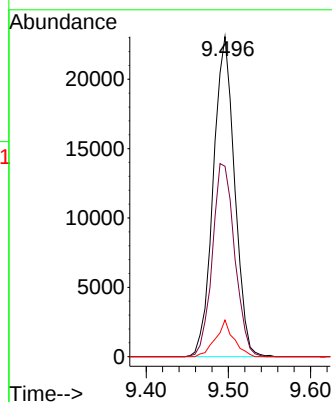
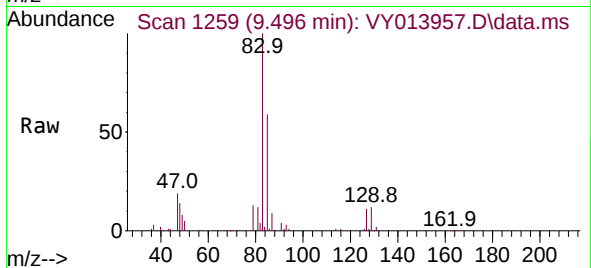
Tgt Ion: 83 Resp: 41613

Ion Ratio Lower Upper

83 100

85 59.5 50.1 75.1

127 11.5 7.1 10.7#



#48

Methyl methacrylate

Concen: 9.288 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

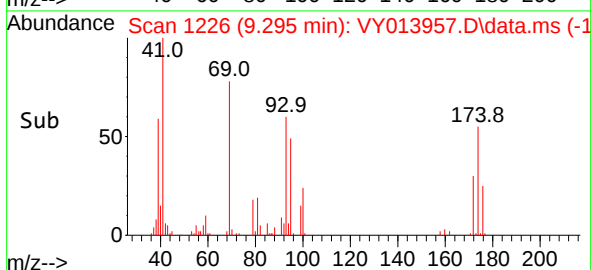
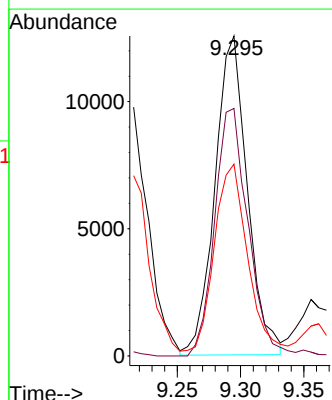
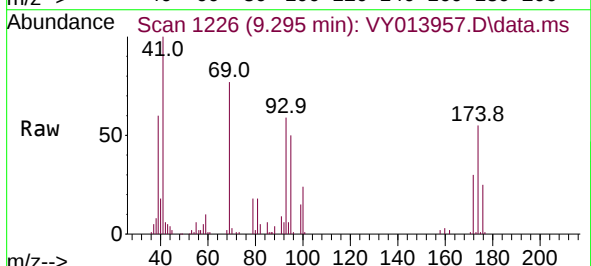
Tgt Ion: 41 Resp: 22312

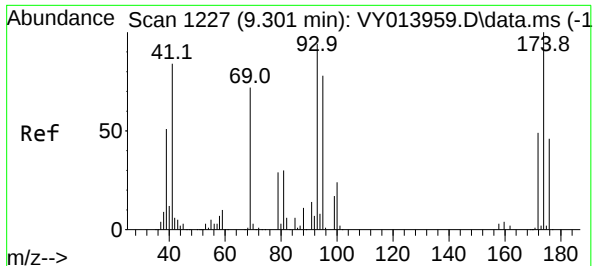
Ion Ratio Lower Upper

41 100

69 80.6 64.5 96.7

39 63.6 50.8 76.2





#49

1,4-Dioxane

Concen: 158.004 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

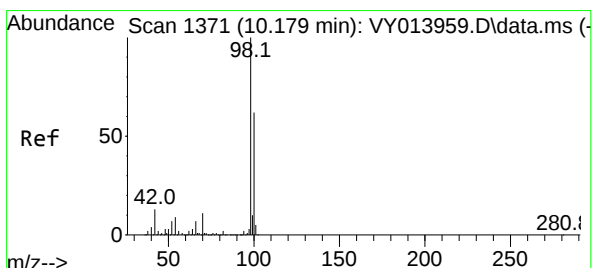
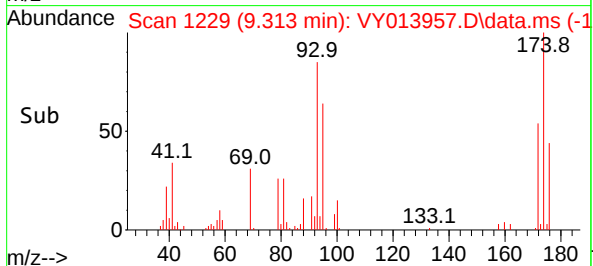
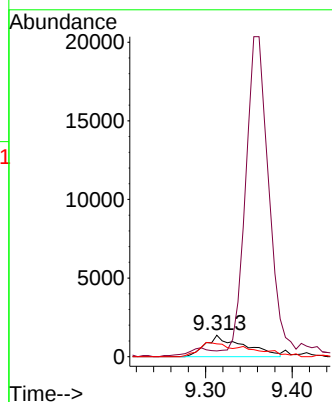
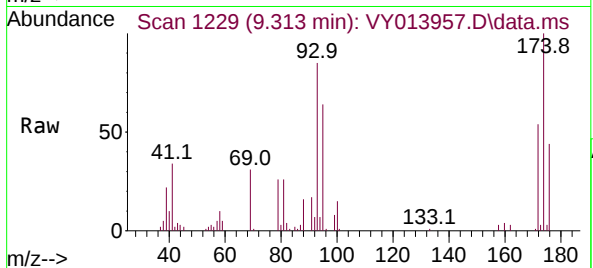
Tgt Ion: 88 Resp: 4210

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

58 48.8 30.9 46.3#



#50

Toluene-d8

Concen: 9.992 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013957.D

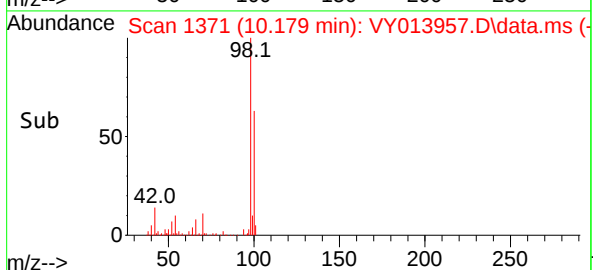
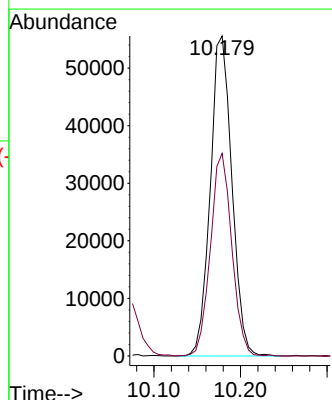
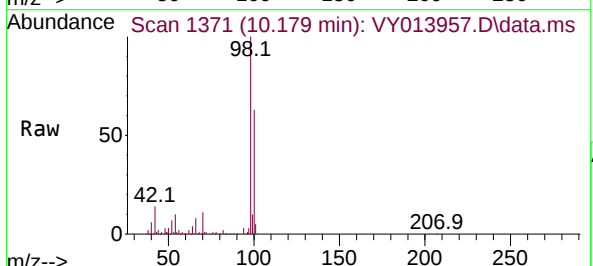
Acq: 01 Jun 2023 11:28

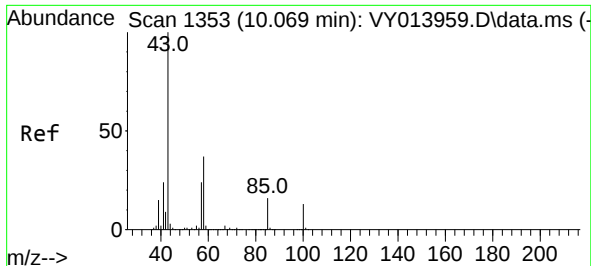
Tgt Ion: 98 Resp: 96174

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1

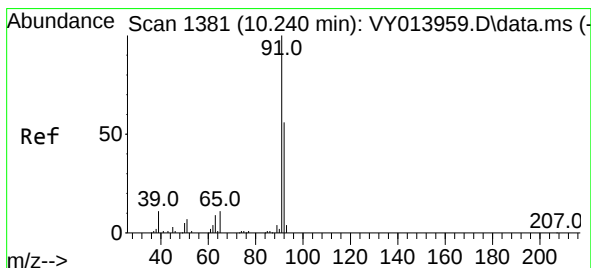
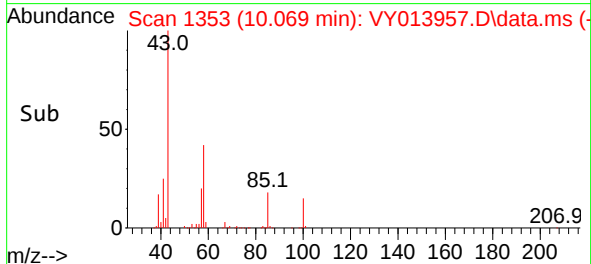
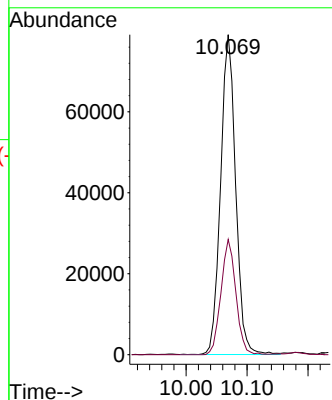
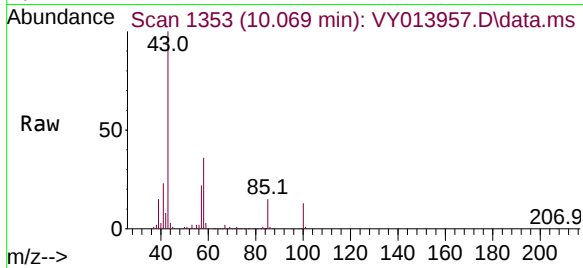




#51
4-Methyl-2-Pentanone
Concen: 45.560 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

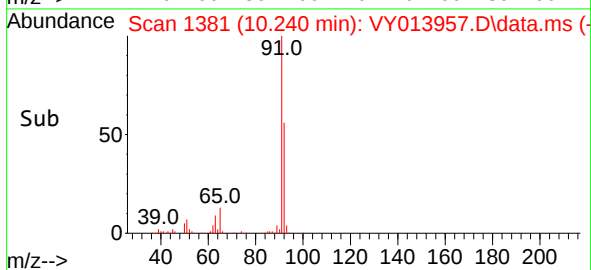
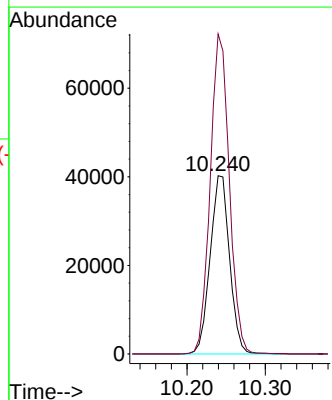
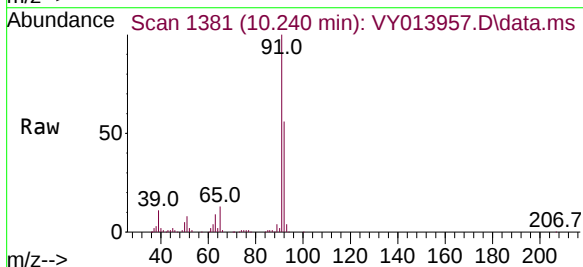
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

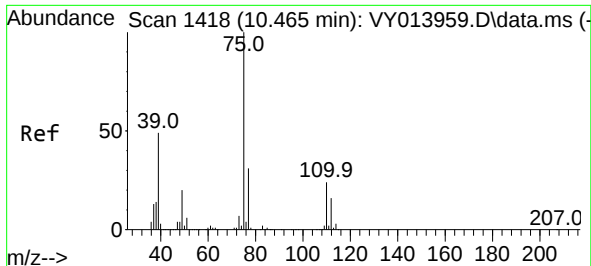
Tgt Ion: 43 Resp: 135813
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.6



#52
Toluene
Concen: 10.194 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 92 Resp: 69259
Ion Ratio Lower Upper
92 100
91 176.9 143.8 215.6

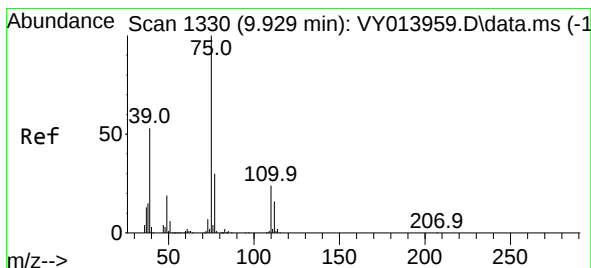
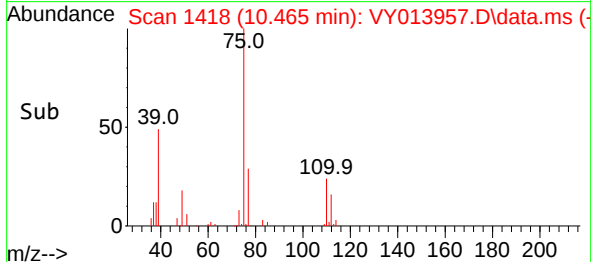
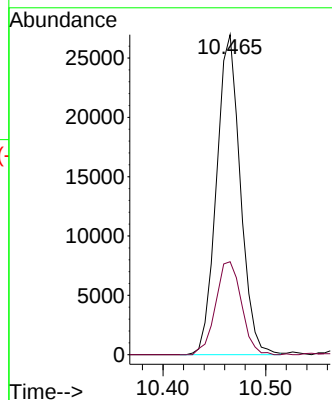
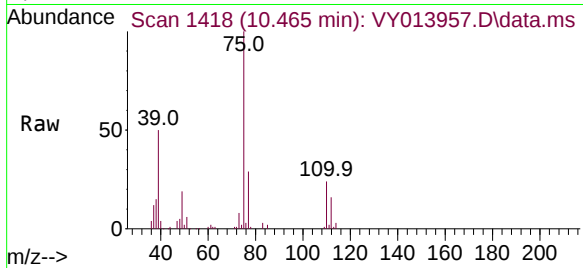




#53
t-1,3-Dichloropropene
Concen: 9.784 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

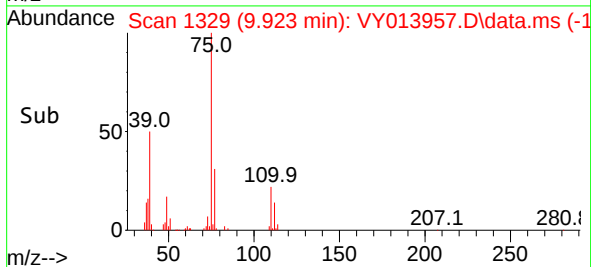
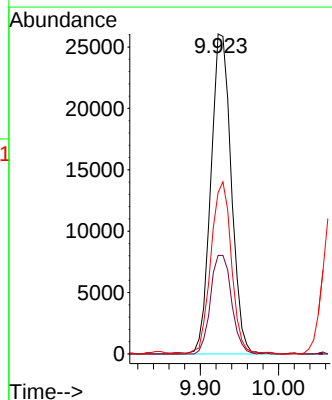
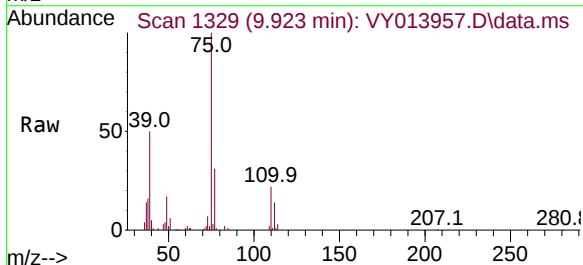
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

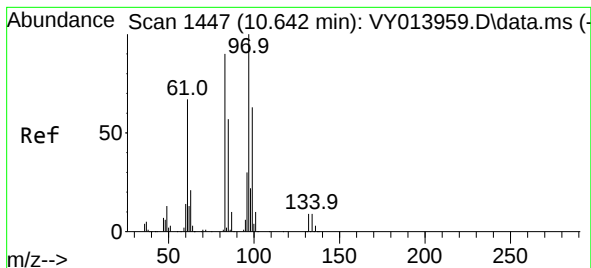
Tgt Ion: 75 Resp: 43379
Ion Ratio Lower Upper
75 100
77 29.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 9.942 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 75 Resp: 47062
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 50.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 9.915 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 23950

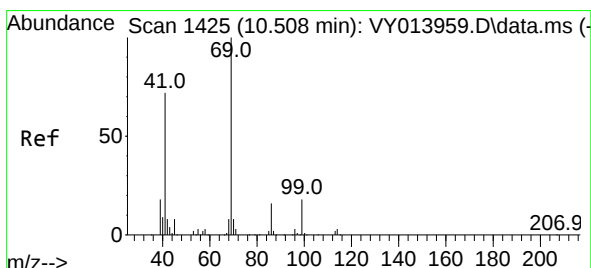
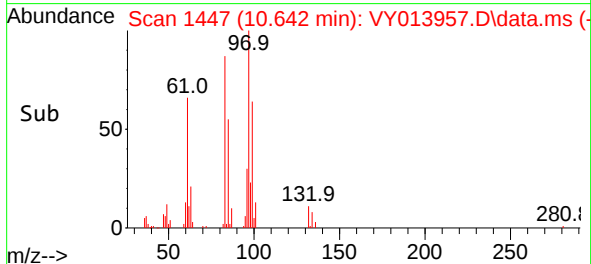
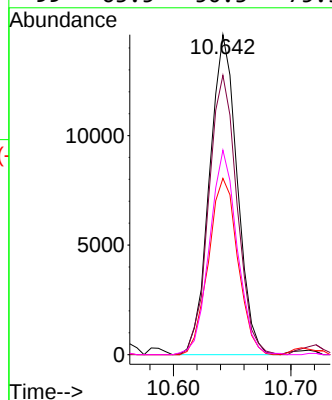
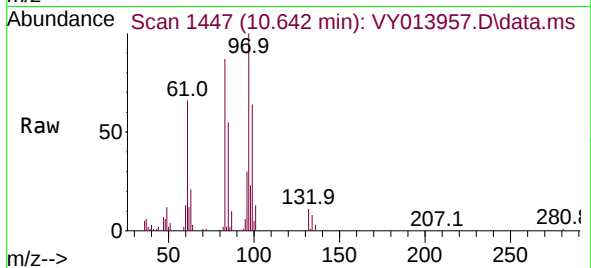
Ion Ratio Lower Upper

97 100

83 87.3 72.0 108.0

85 55.1 45.4 68.0

99 63.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 9.217 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

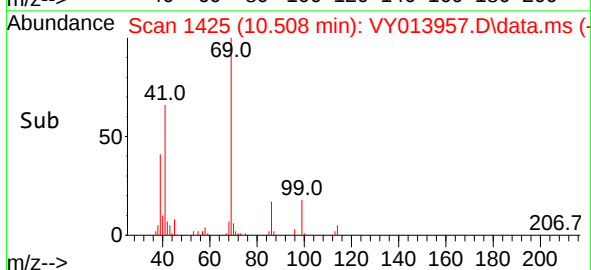
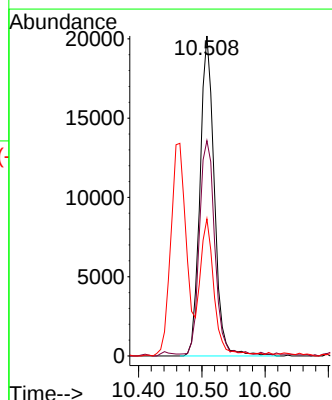
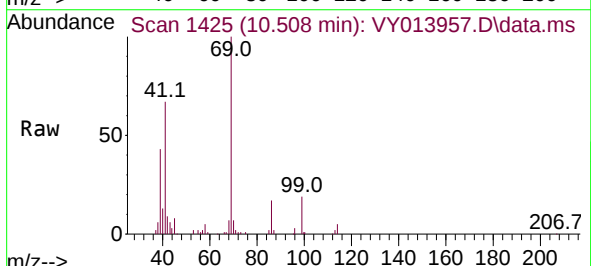
Tgt Ion: 69 Resp: 31967

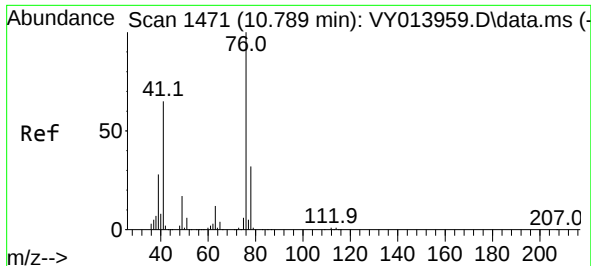
Ion Ratio Lower Upper

69 100

41 70.5 57.6 86.4

39 38.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 9.777 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

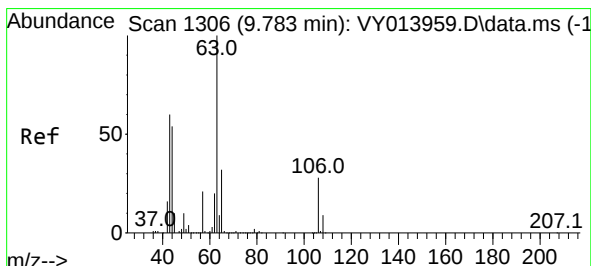
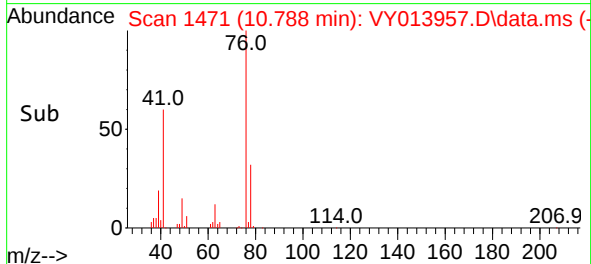
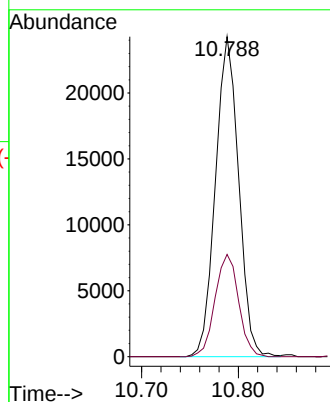
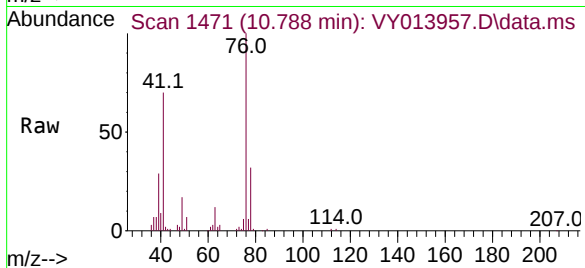
VSTDICC010

Tgt Ion: 76 Resp: 40351

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 49.207 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY013957.D

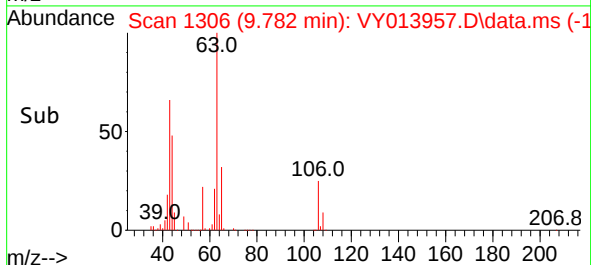
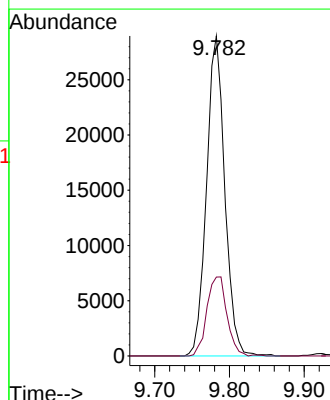
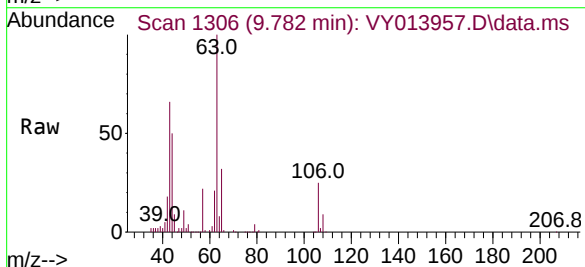
Acq: 01 Jun 2023 11:28

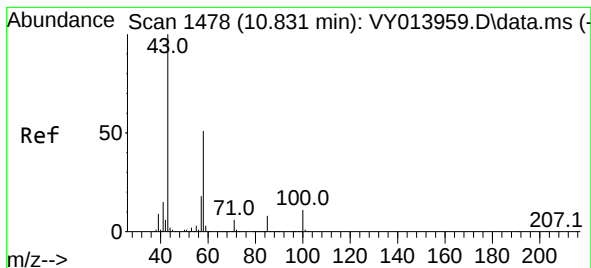
Tgt Ion: 63 Resp: 49075

Ion Ratio Lower Upper

63 100

106 27.2 21.2 31.8

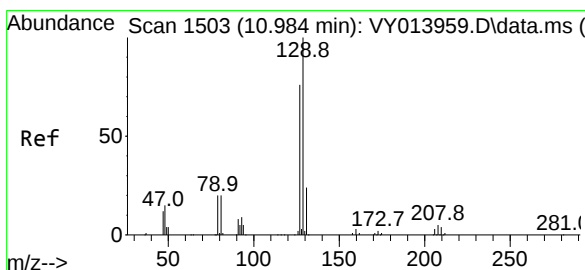
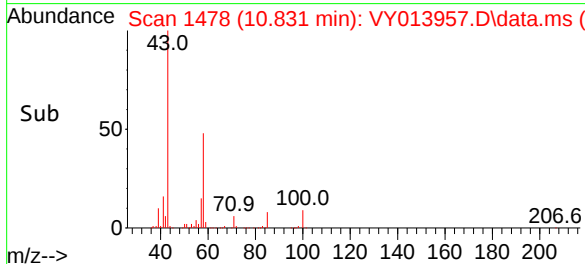
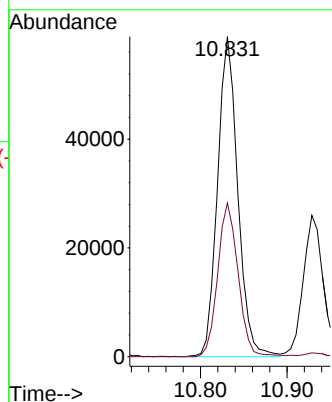
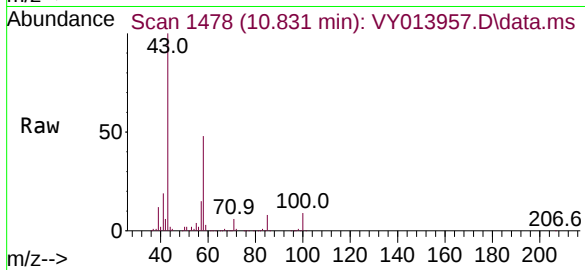




#59
2-Hexanone
Concen: 44.312 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

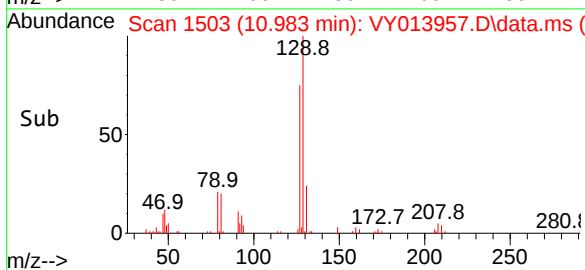
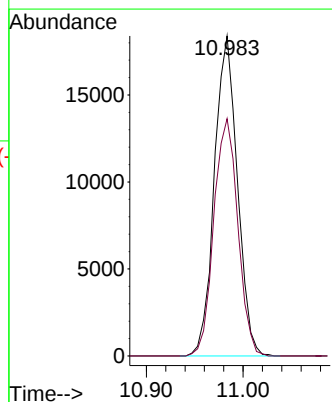
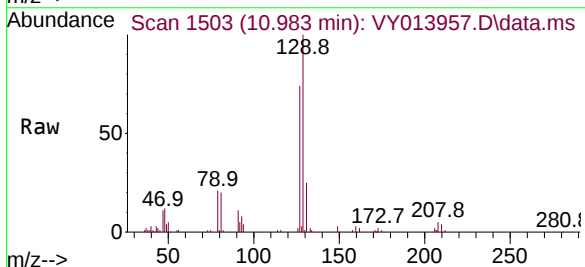
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

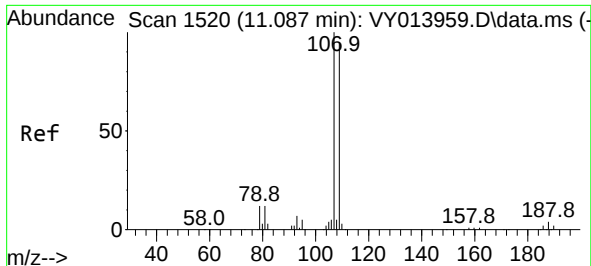
Tgt Ion: 43 Resp: 95649
Ion Ratio Lower Upper
43 100
58 48.4 25.1 75.3



#60
Dibromochloromethane
Concen: 9.945 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 129 Resp: 30361
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

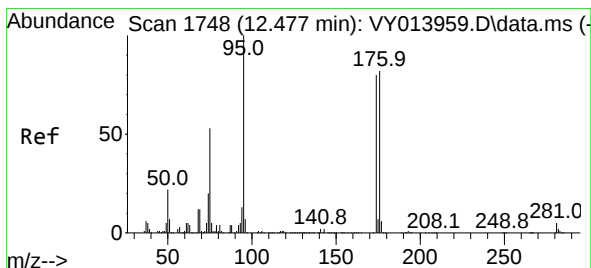
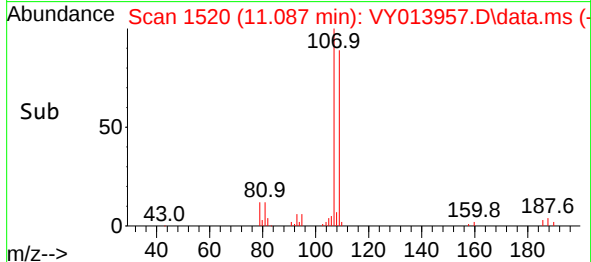
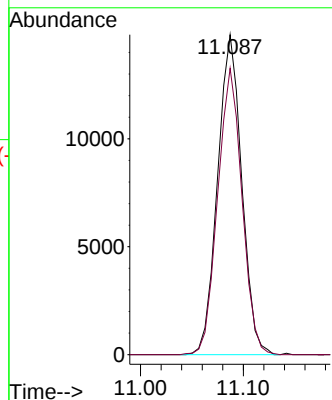
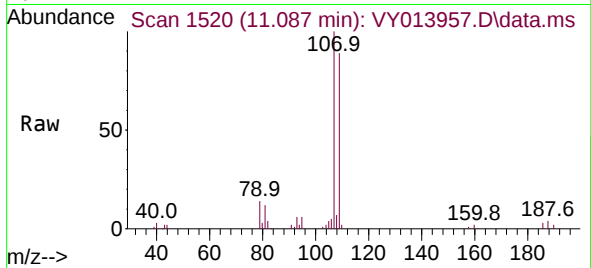




#61
1,2-Dibromoethane
Concen: 9.937 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

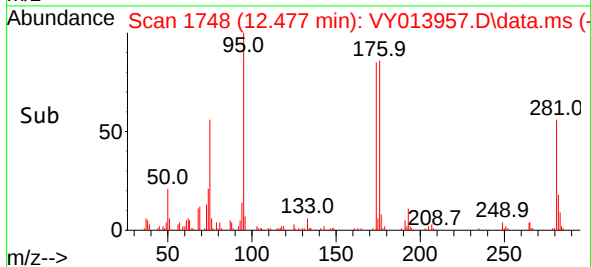
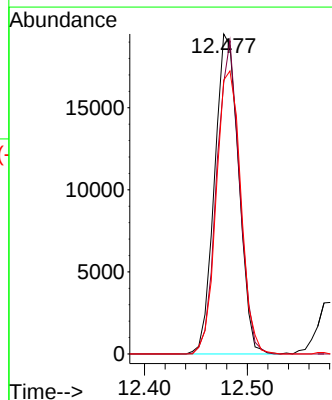
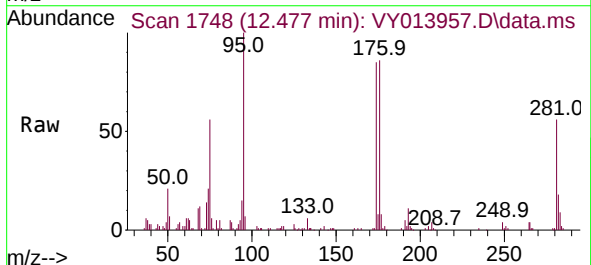
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

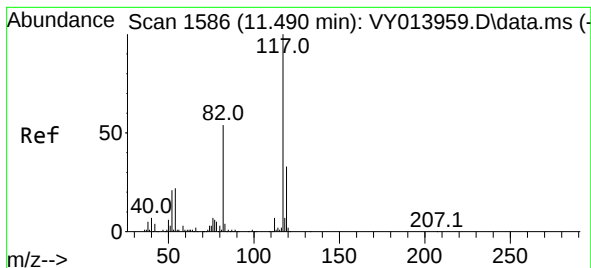
Tgt Ion:107 Resp: 24116
Ion Ratio Lower Upper
107 100
109 90.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 9.652 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 95 Resp: 31672
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 90.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

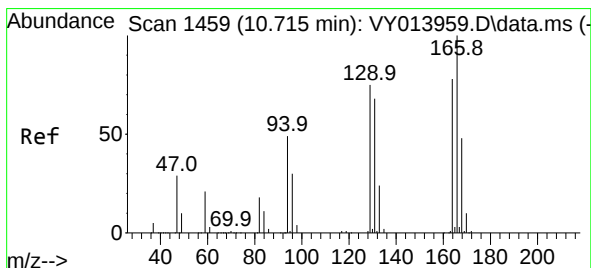
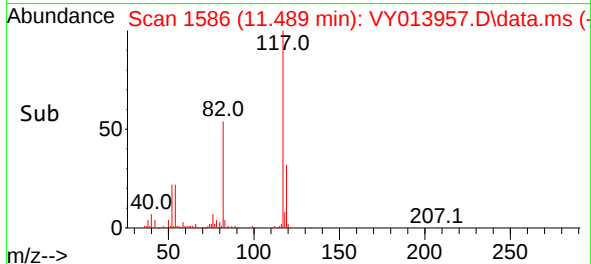
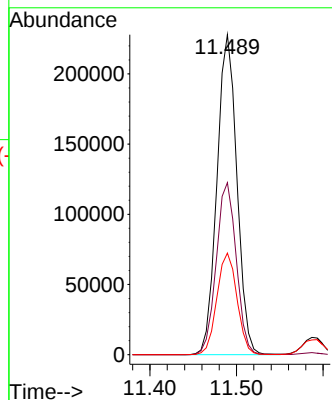
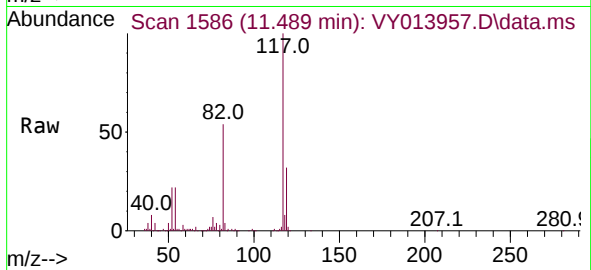
Tgt Ion:117 Resp: 364445

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 9.898 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:164 Resp: 24713

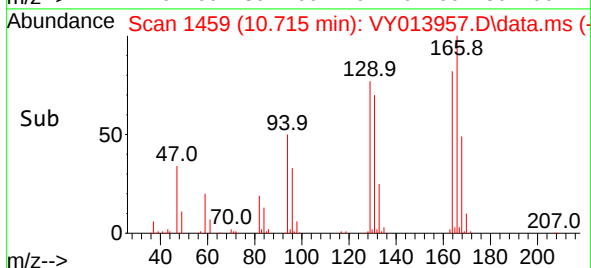
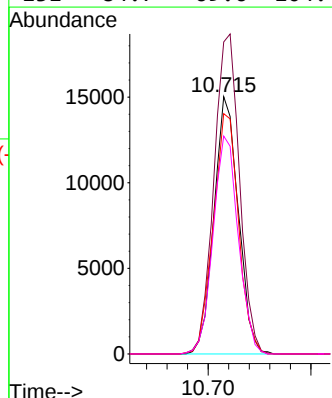
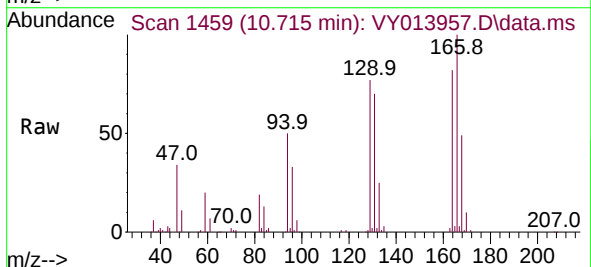
Ion Ratio Lower Upper

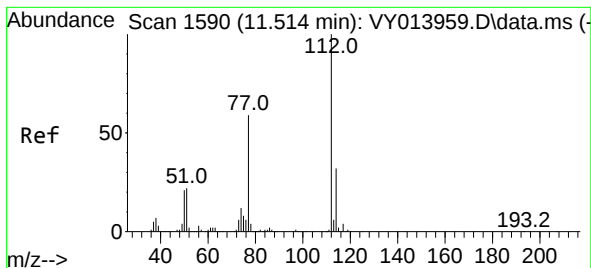
164 100

166 121.3 103.0 154.6

129 93.4 77.2 115.8

131 84.7 69.6 104.4





#65

Chlorobenzene

Concen: 10.189 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

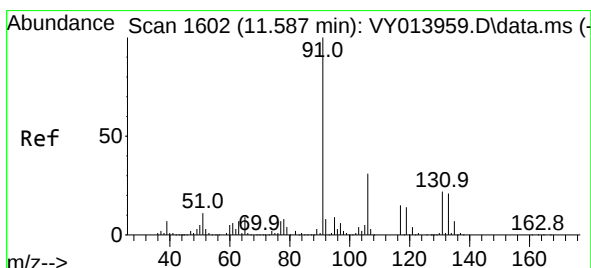
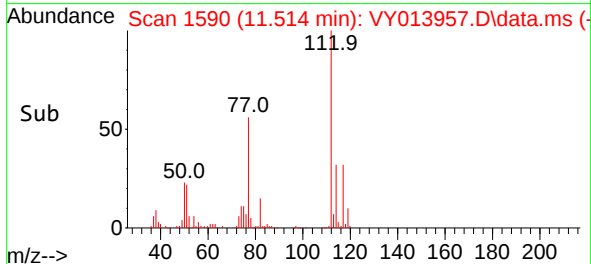
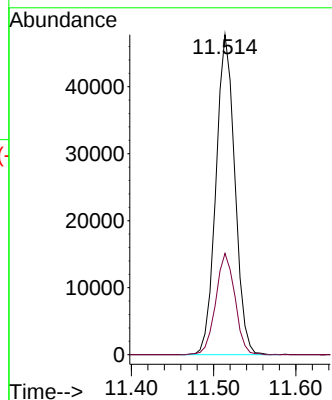
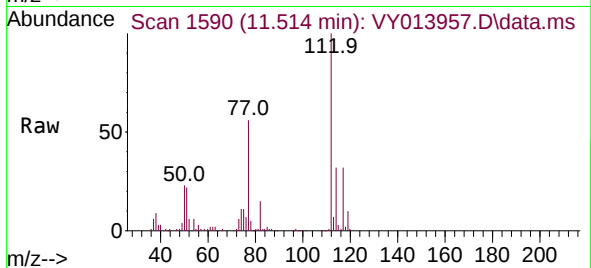
VSTDIC010

Tgt Ion:112 Resp: 76179

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 10.253 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

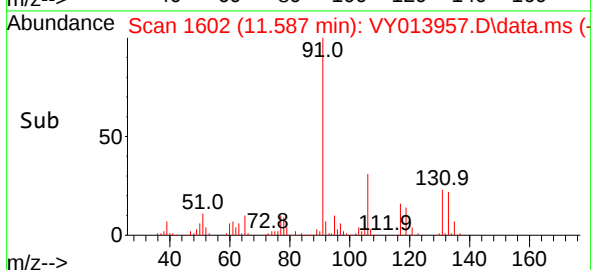
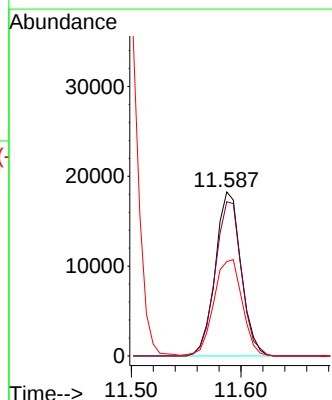
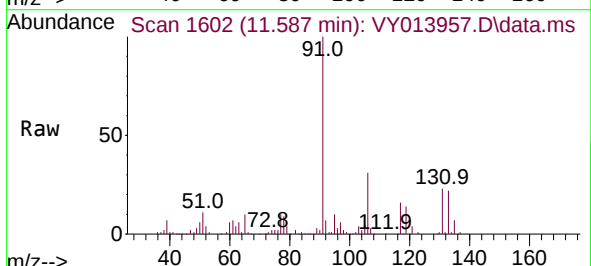
Tgt Ion:131 Resp: 29844

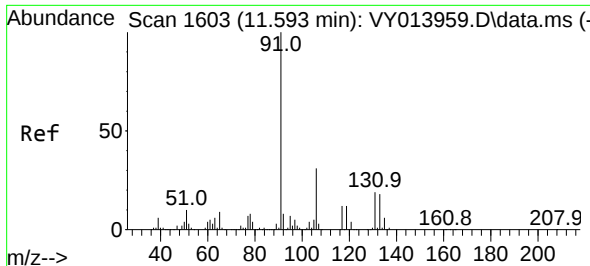
Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

119 64.6 31.6 94.7

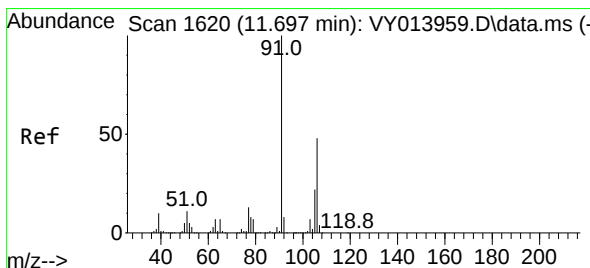
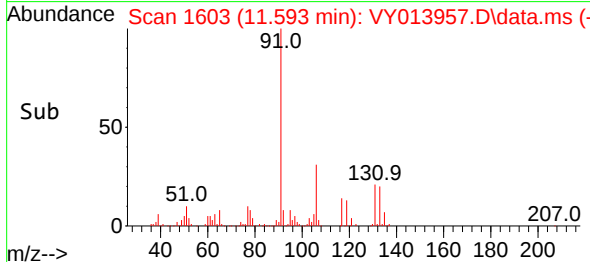
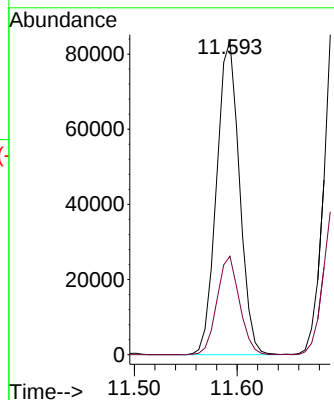
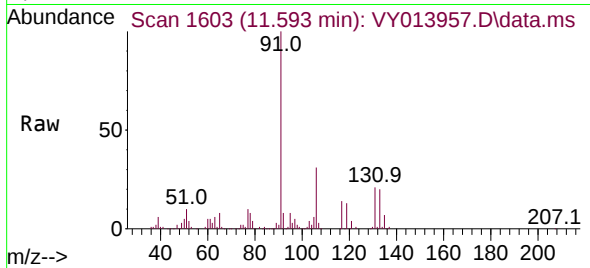




#67
Ethyl Benzene
Concen: 9.962 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

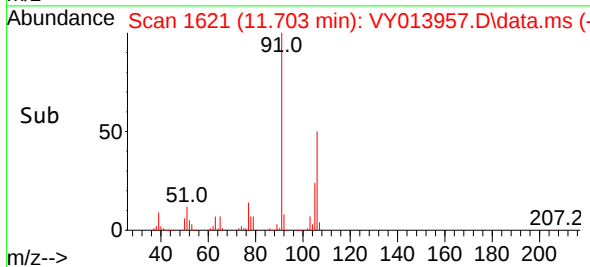
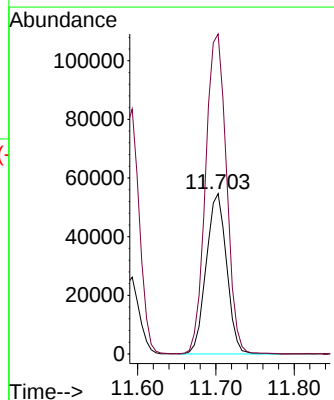
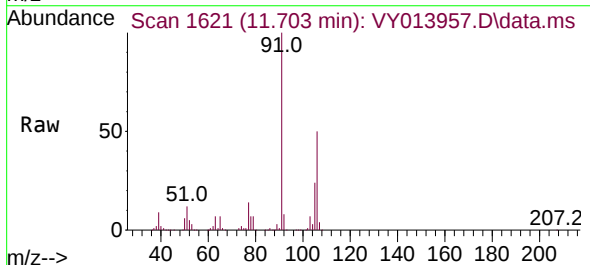
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

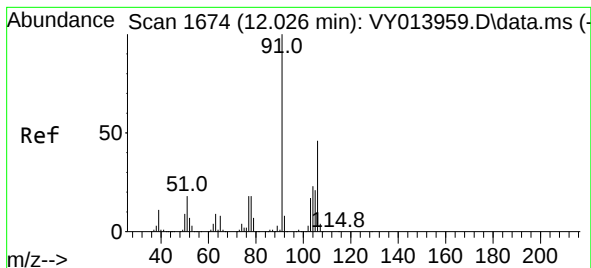
Tgt Ion: 91 Resp: 128922
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 20.015 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 106 Resp: 98943
Ion Ratio Lower Upper
106 100
91 204.6 166.1 249.1





#69

o-Xylene

Concen: 9.941 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

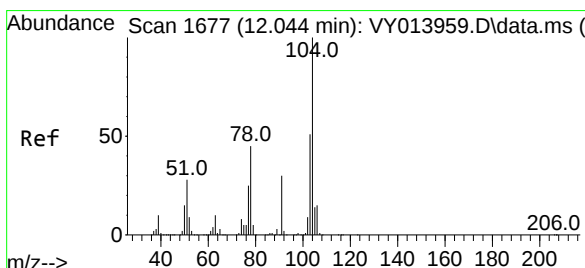
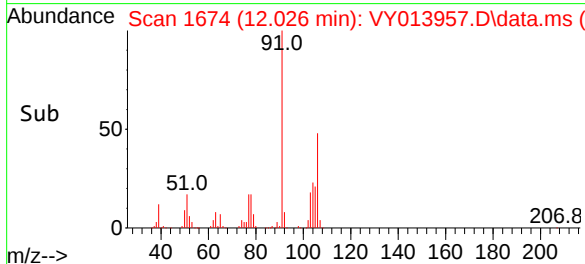
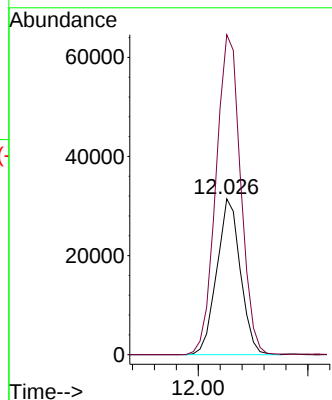
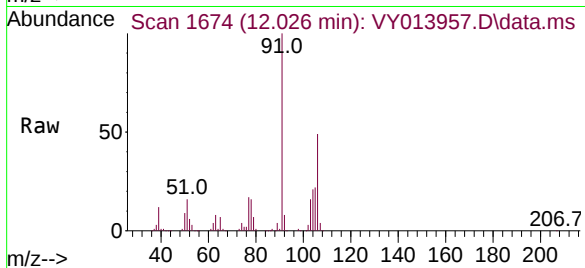
VSTDIC010

Tgt Ion:106 Resp: 47091

Ion Ratio Lower Upper

106 100

91 215.2 108.1 324.3



#70

Styrene

Concen: 9.773 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

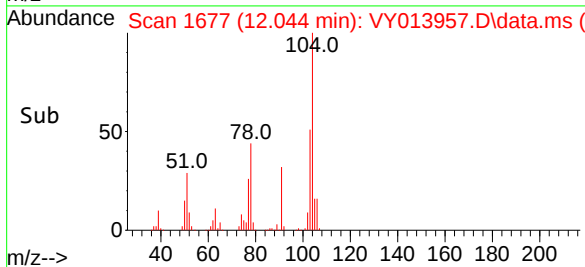
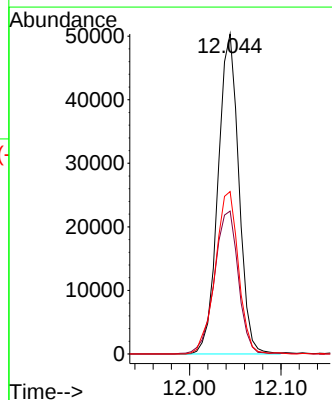
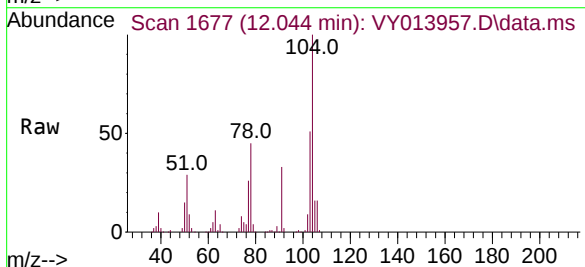
Tgt Ion:104 Resp: 79513

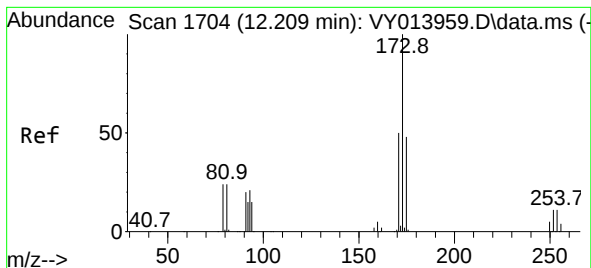
Ion Ratio Lower Upper

104 100

78 51.5 41.5 62.3

103 56.6 44.6 67.0





#71

Bromoform

Concen: 9.920 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

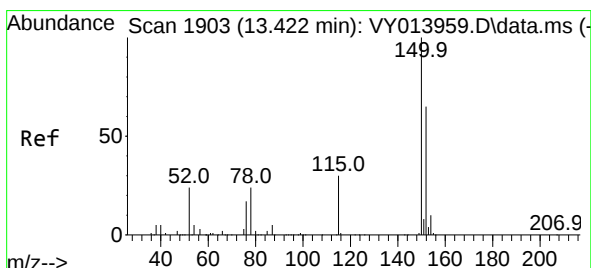
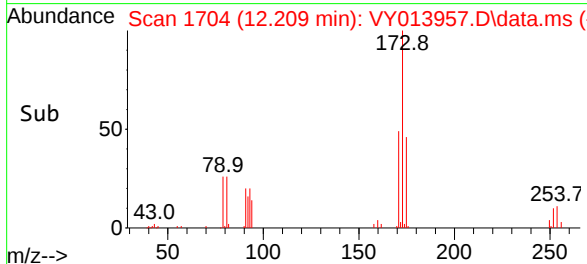
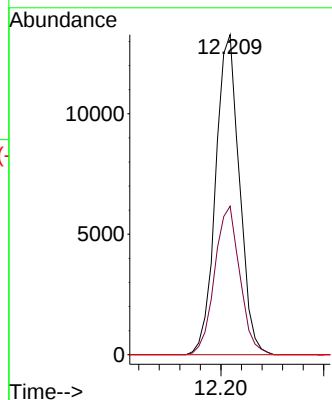
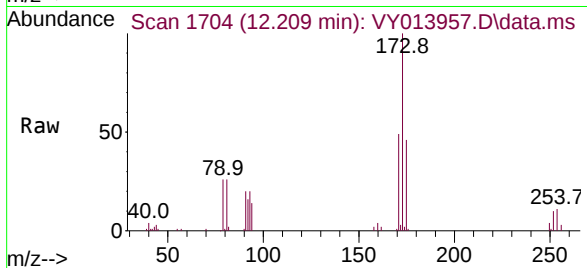
Tgt Ion:173 Resp: 21288

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

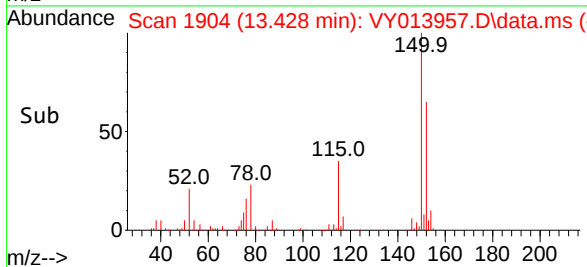
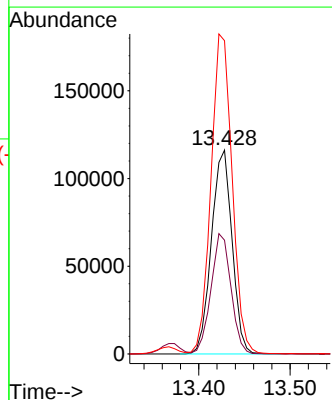
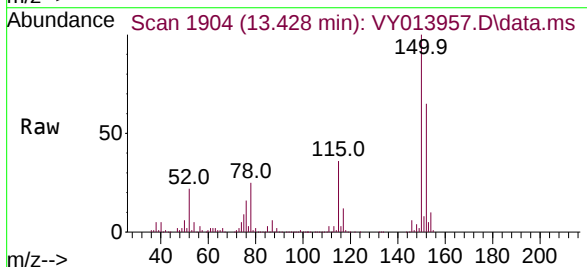
Tgt Ion:152 Resp: 182140

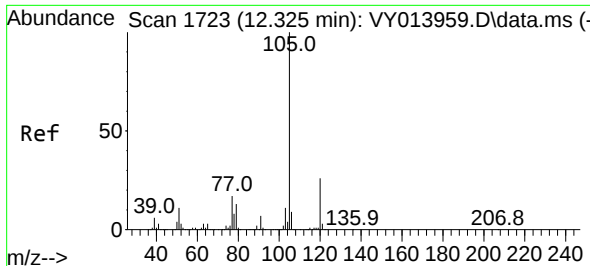
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 160.8 0.0 348.8

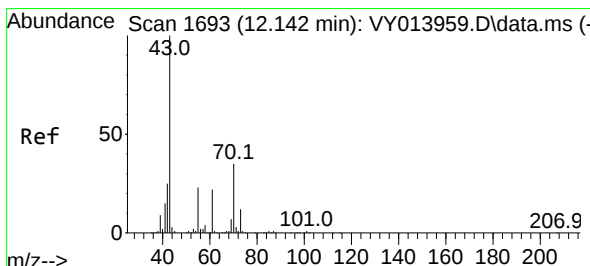
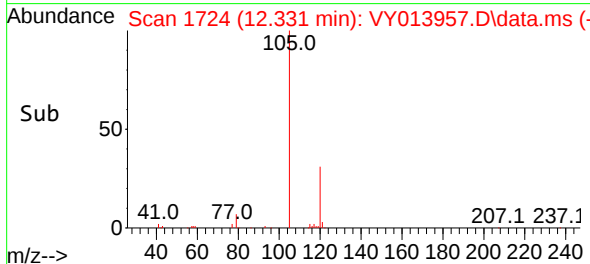
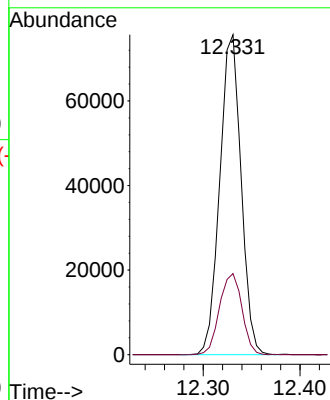
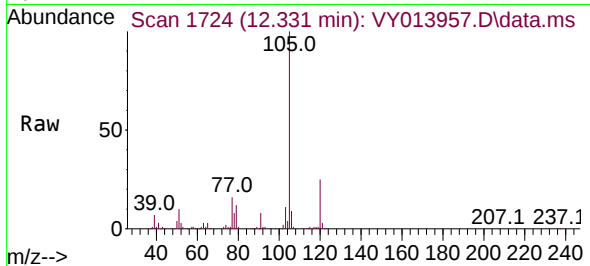




#73
Isopropylbenzene
Concen: 9.611 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

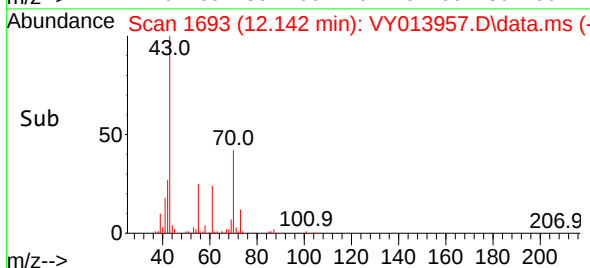
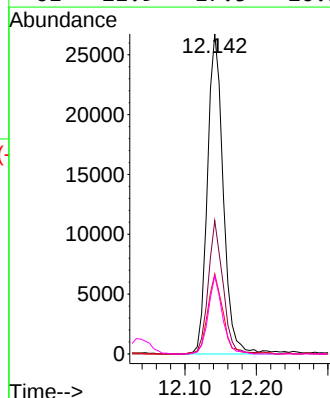
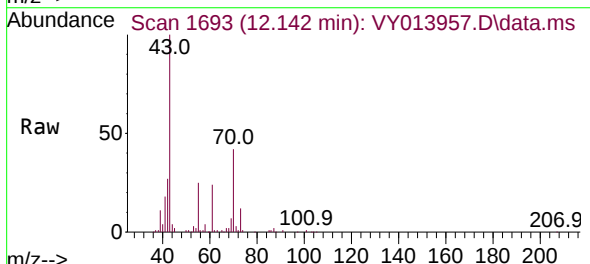
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

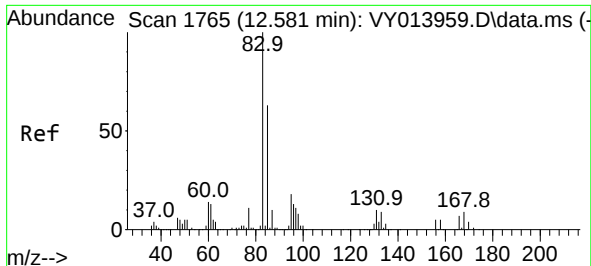
Tgt Ion:105 Resp: 115544
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 8.923 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 43 Resp: 41154
Ion Ratio Lower Upper
43 100
70 38.6 29.7 44.5
55 24.0 18.3 27.5
61 21.9 17.5 26.3

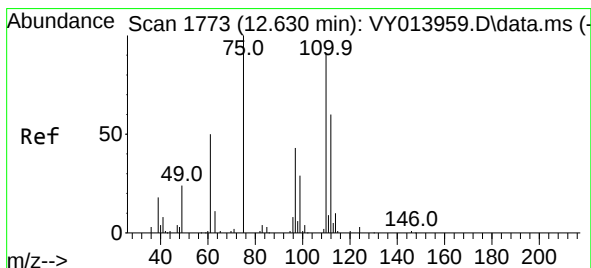
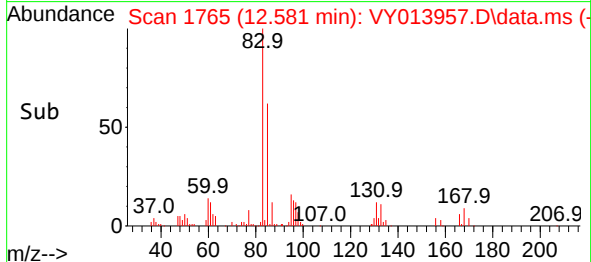
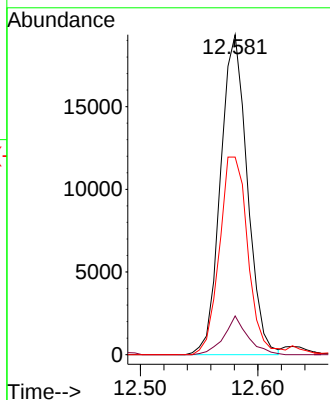
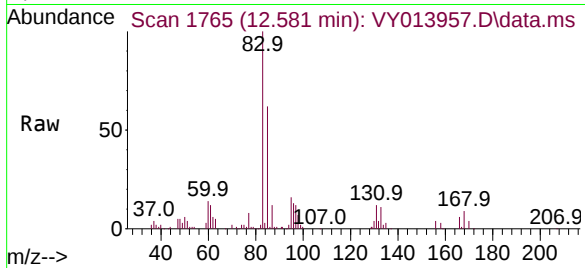




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.762 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

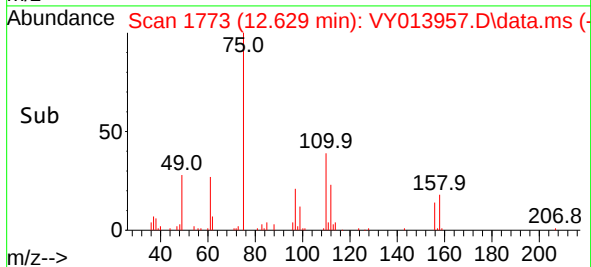
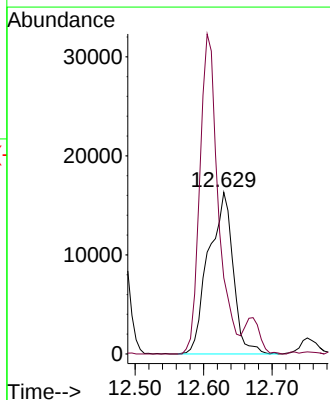
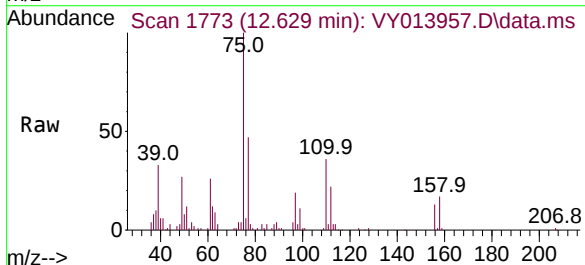
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

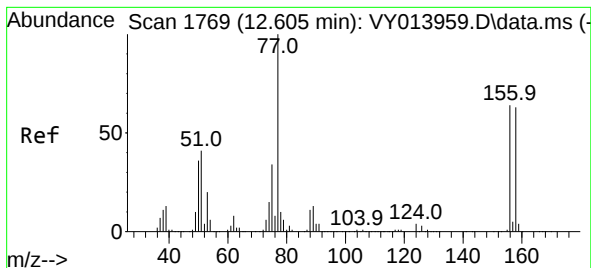
Tgt Ion: 83 Resp: 30672
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 65.7 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 16.605 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

Tgt Ion: 75 Resp: 40780
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.211 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

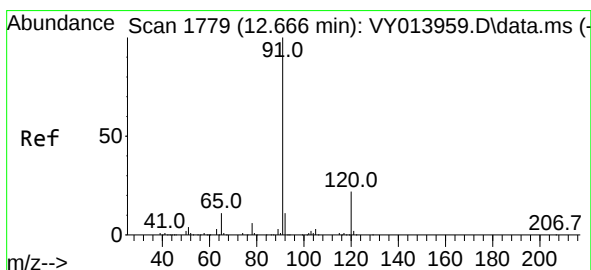
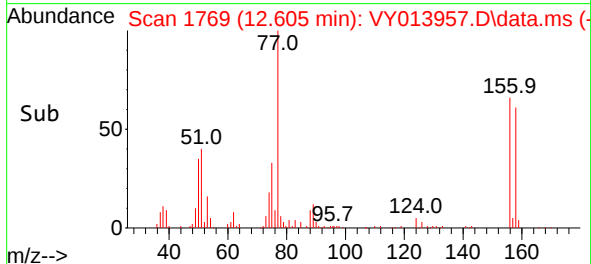
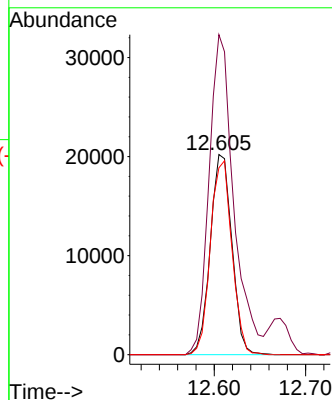
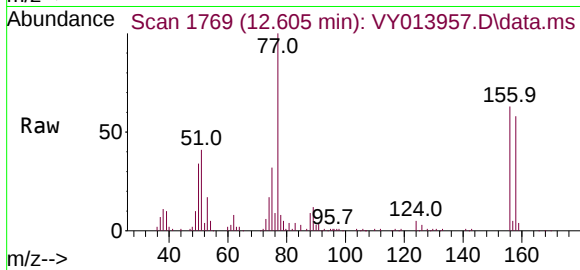
Tgt Ion:156 Resp: 33184

Ion Ratio Lower Upper

156 100

77 183.0 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 9.671 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY013957.D

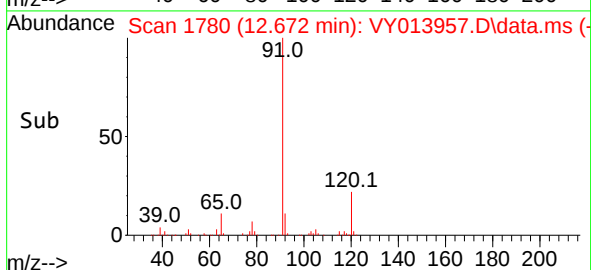
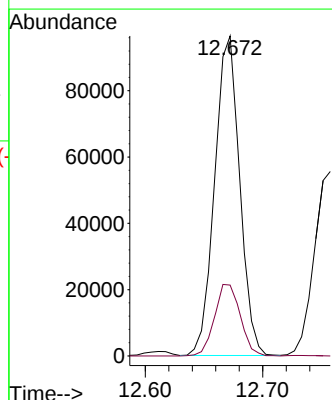
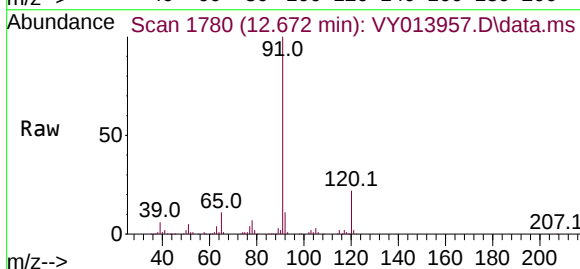
Acq: 01 Jun 2023 11:28

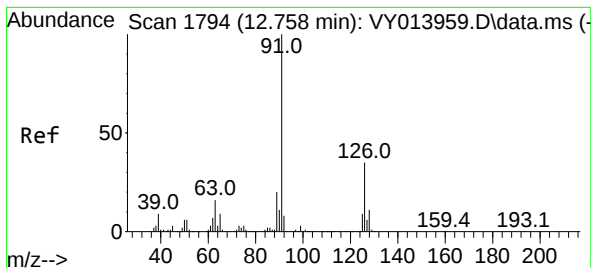
Tgt Ion: 91 Resp: 142493

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 9.989 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

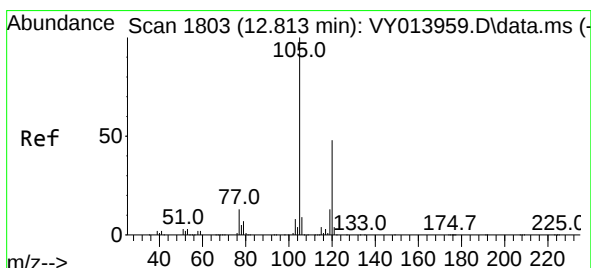
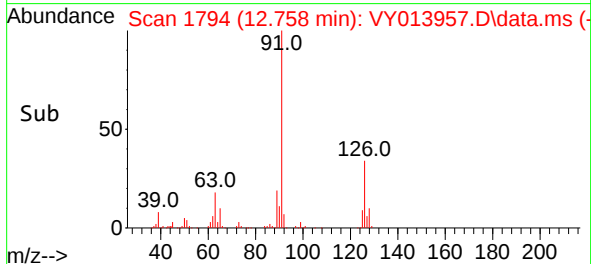
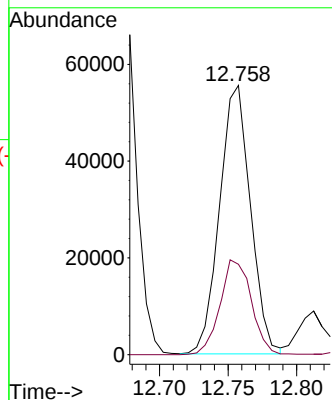
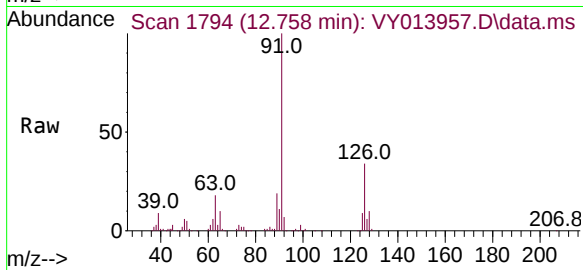
VSTDIC010

Tgt Ion: 91 Resp: 87130

Ion Ratio Lower Upper

91 100

126 35.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 9.787 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013957.D

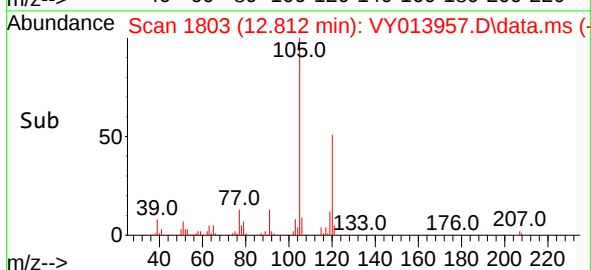
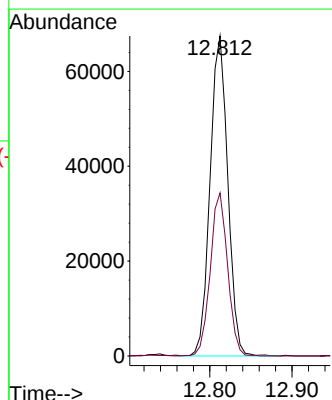
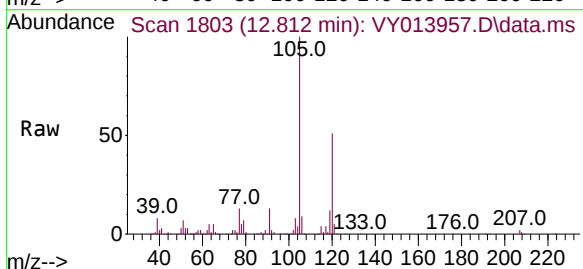
Acq: 01 Jun 2023 11:28

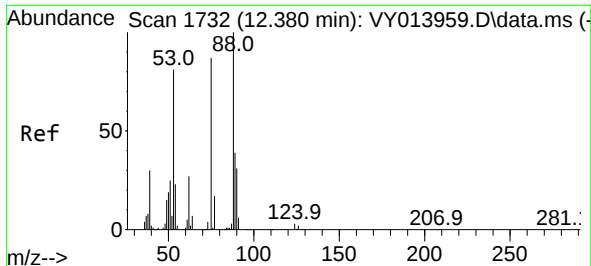
Tgt Ion: 105 Resp: 100839

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

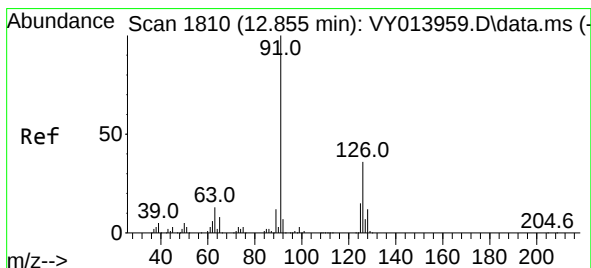
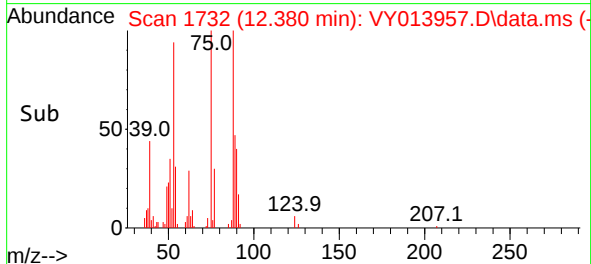
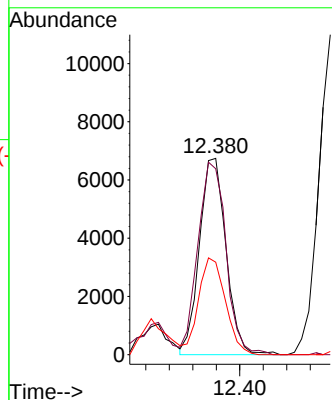
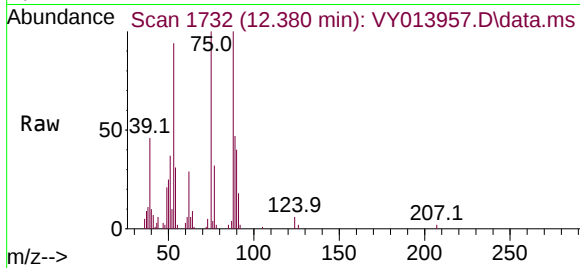




#81
trans-1,4-Dichloro-2-butene
Concen: 9.178 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

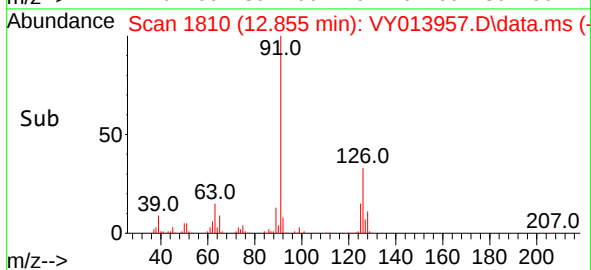
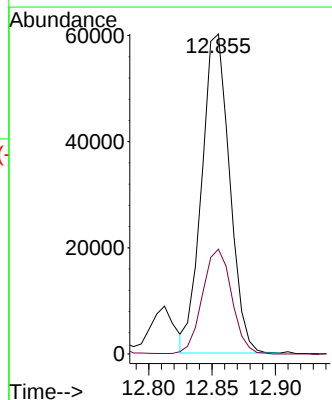
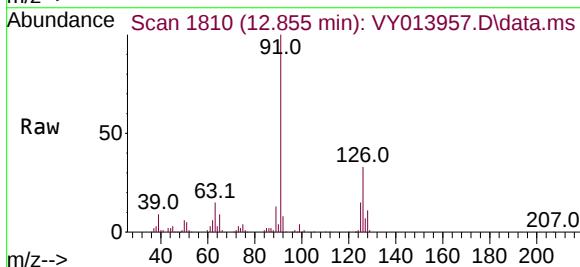
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

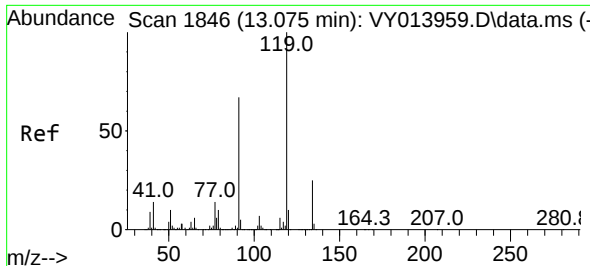
Tgt Ion: 75 Resp: 10604
Ion Ratio Lower Upper
75 100
53 103.3 77.8 116.8
89 50.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.065 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 91 Resp: 92335
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

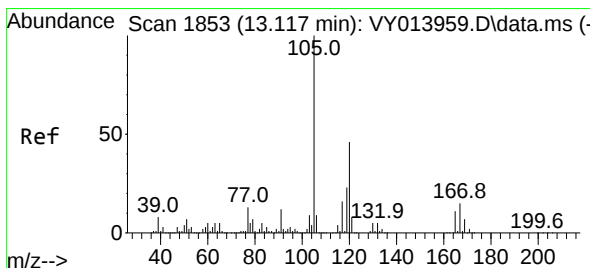
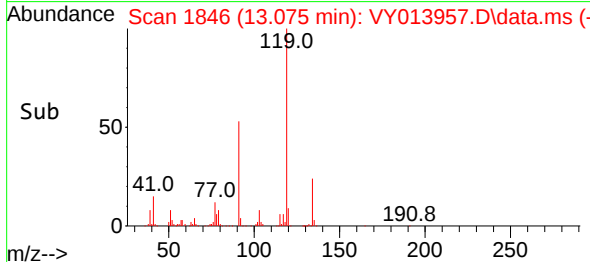
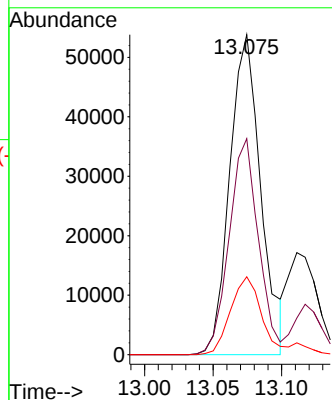
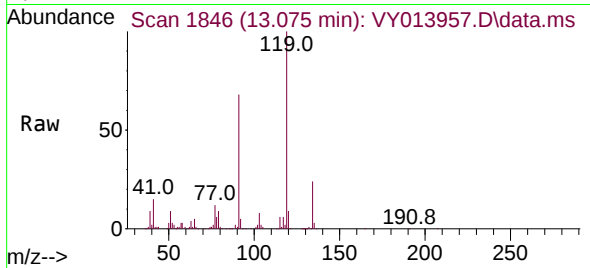




#83
tert-Butylbenzene
Concen: 9.819 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

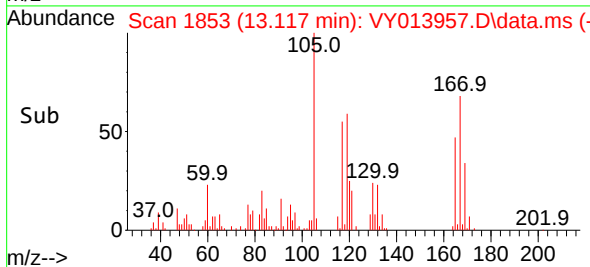
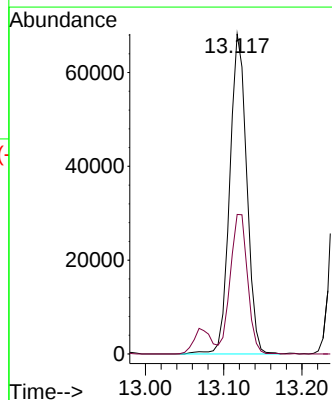
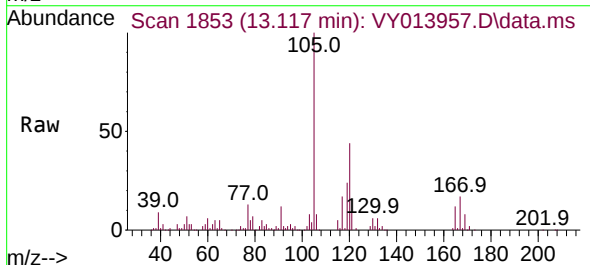
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

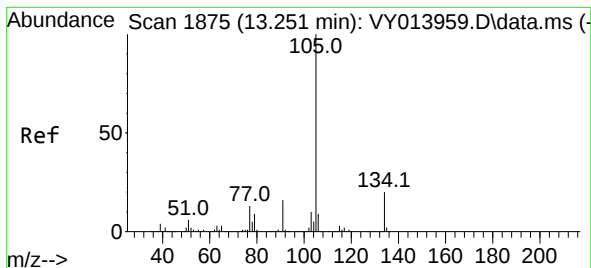
Tgt Ion:119 Resp: 84725
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 24.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 9.978 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:105 Resp: 102686
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 9.646 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

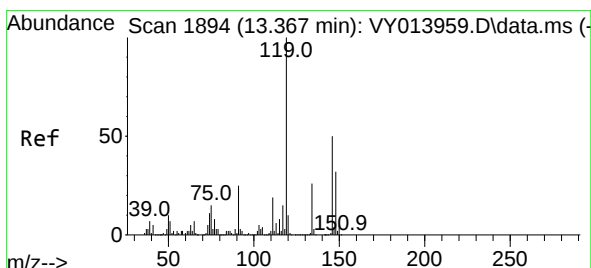
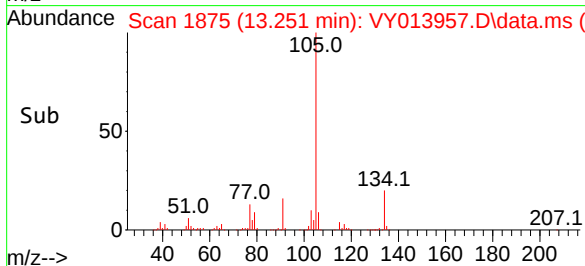
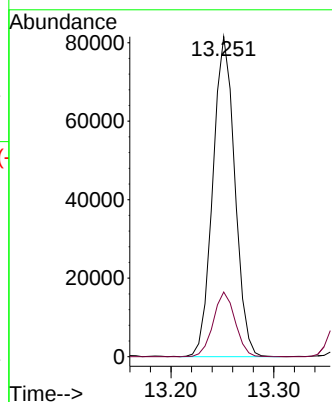
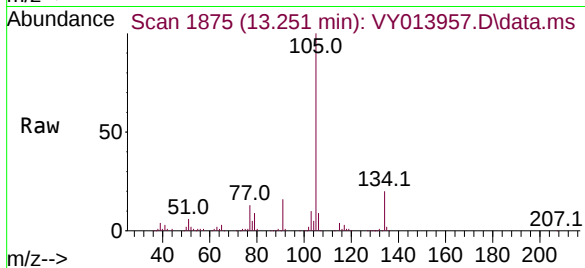
VSTDIC010

Tgt Ion:105 Resp: 121031

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 9.835 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

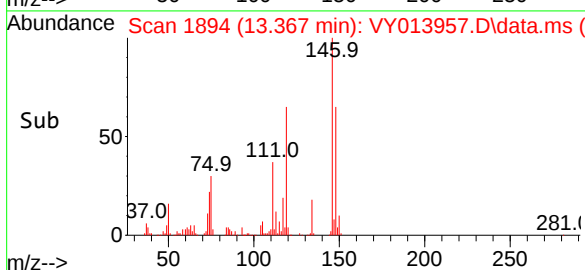
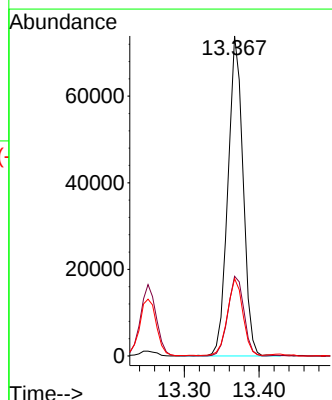
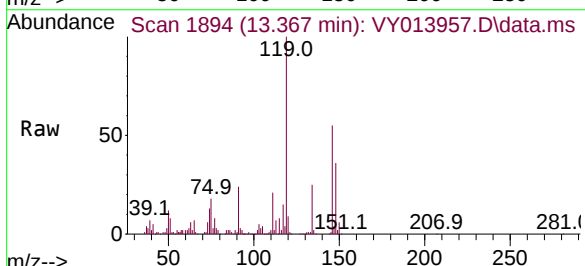
Tgt Ion:119 Resp: 104164

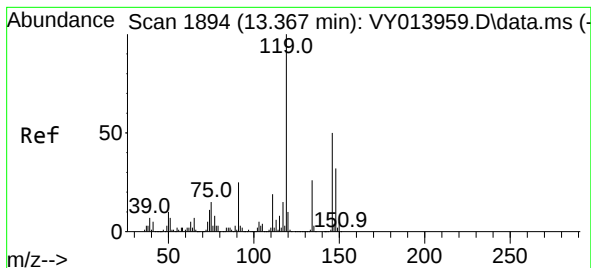
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 10.389 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

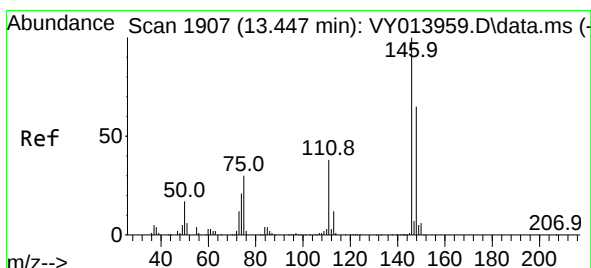
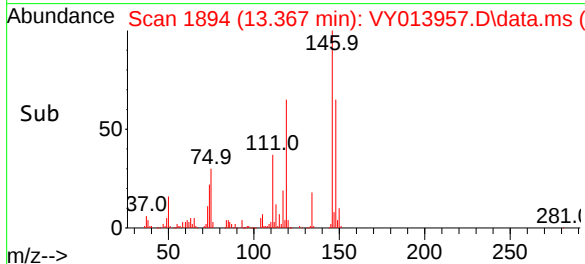
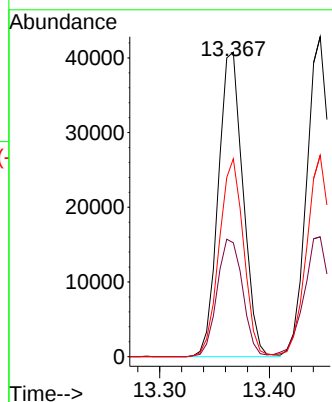
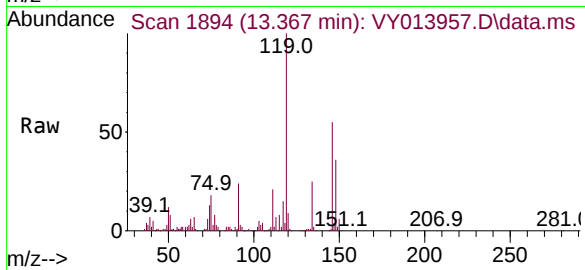
Tgt Ion:146 Resp: 64117

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 10.350 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

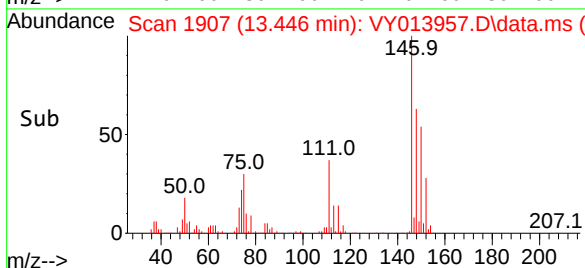
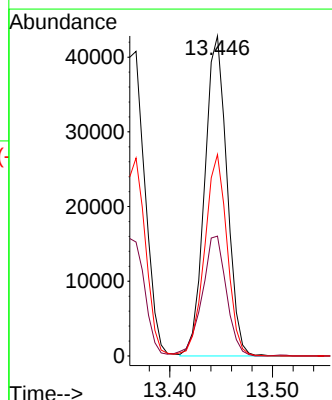
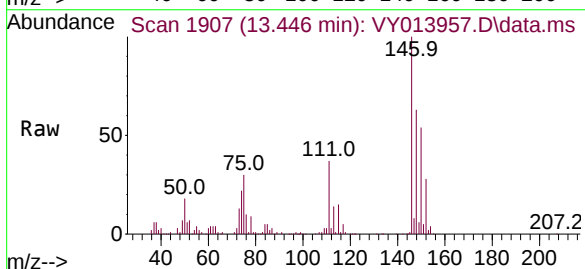
Tgt Ion:146 Resp: 64620

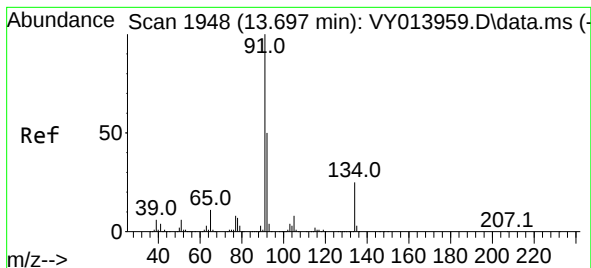
Ion Ratio Lower Upper

146 100

111 40.8 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 9.363 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

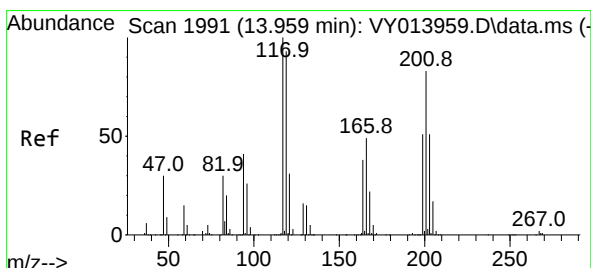
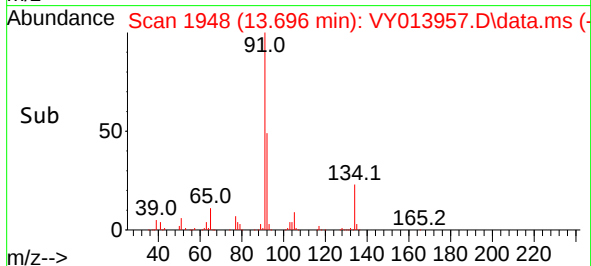
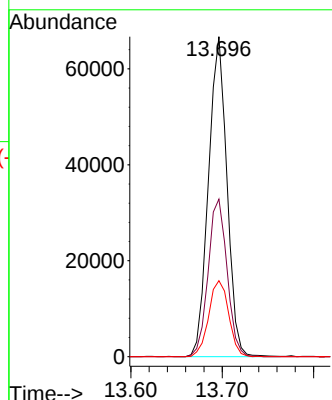
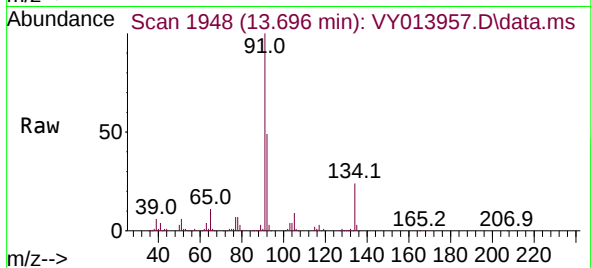
Tgt Ion: 91 Resp: 93571

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 10.262 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013957.D

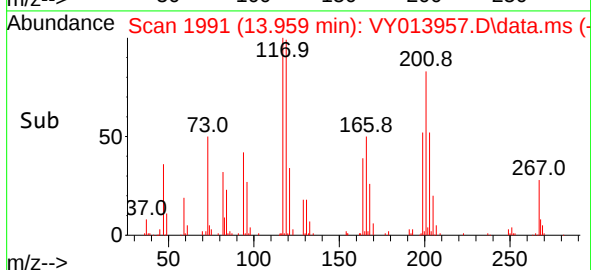
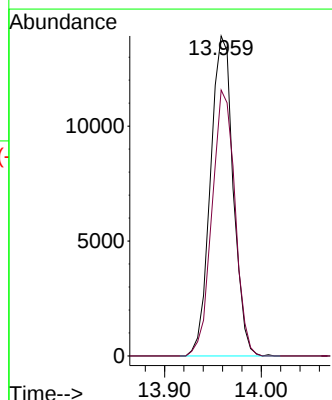
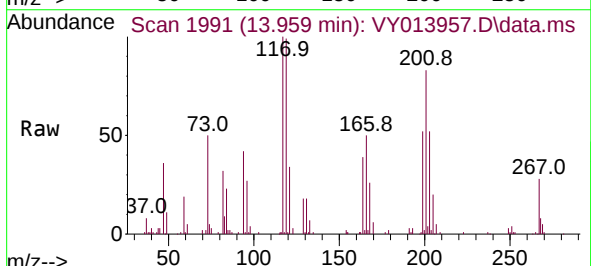
Acq: 01 Jun 2023 11:28

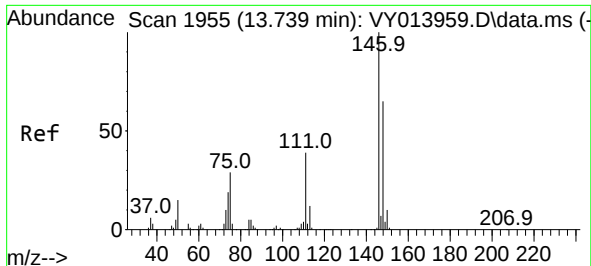
Tgt Ion: 117 Resp: 22810

Ion Ratio Lower Upper

117 100

201 83.5 41.6 124.8

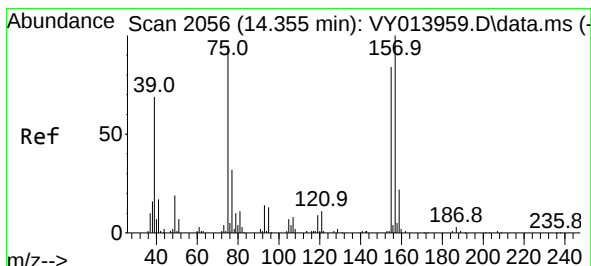
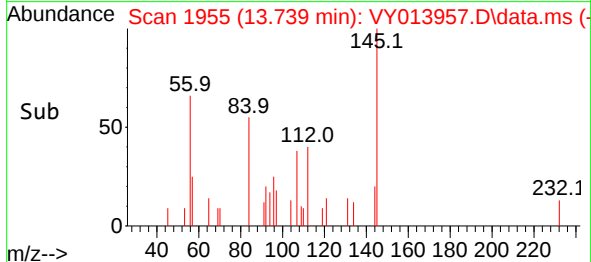
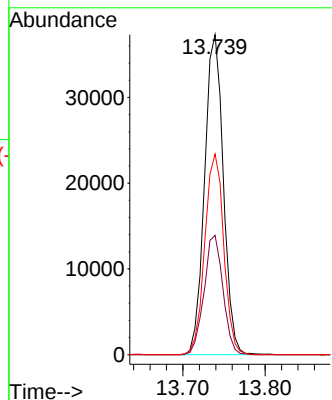
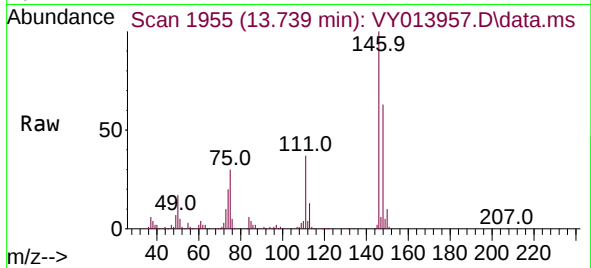




#91
1,2-Dichlorobenzene
Concen: 10.403 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

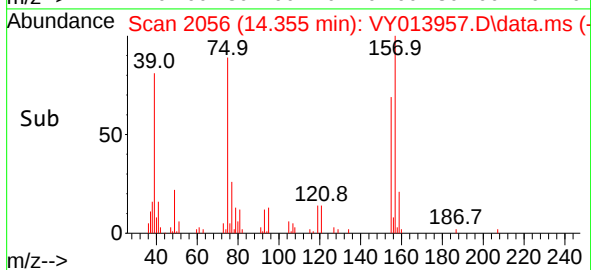
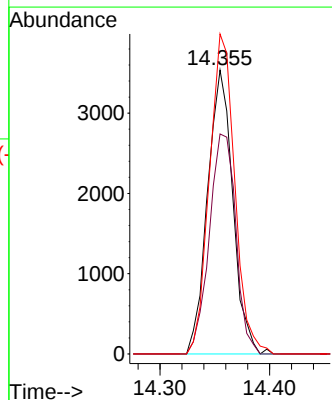
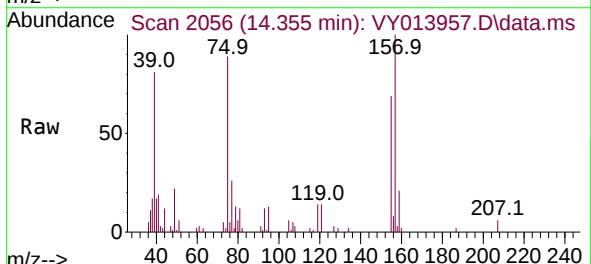
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

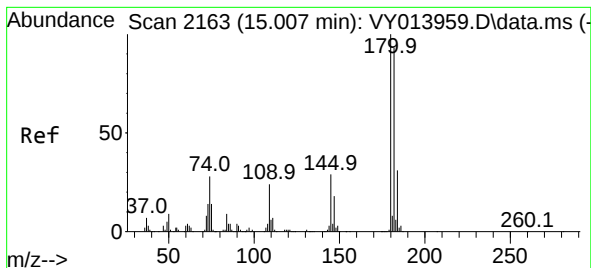
Tgt Ion:146 Resp: 59150
Ion Ratio Lower Upper
146 100
111 37.6 19.7 59.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.338 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 75 Resp: 5659
Ion Ratio Lower Upper
75 100
155 81.1 41.5 124.6
157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.590 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

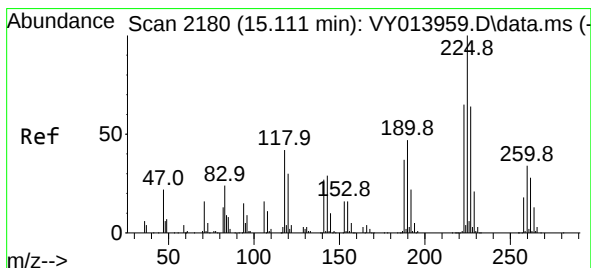
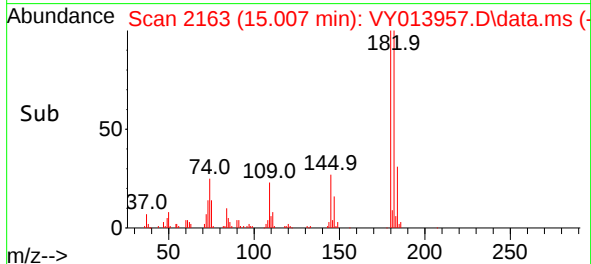
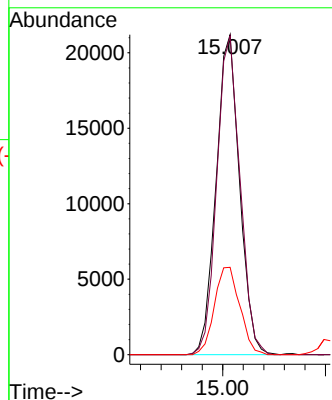
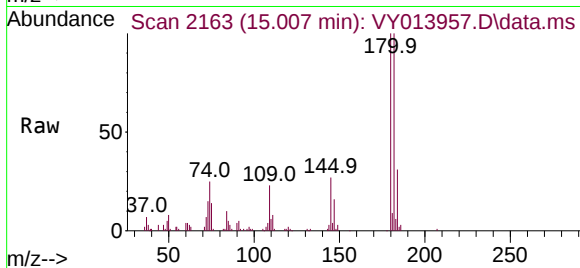
Tgt Ion:180 Resp: 33519

Ion Ratio Lower Upper

180 100

182 98.4 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 9.727 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

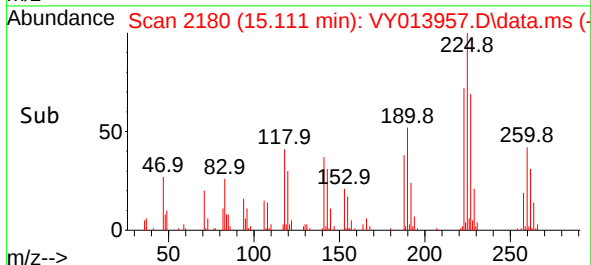
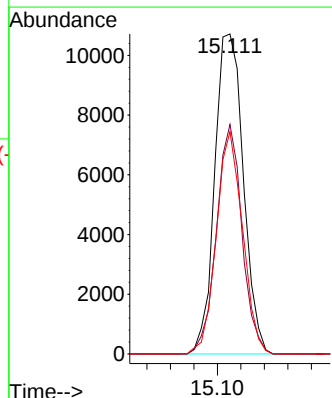
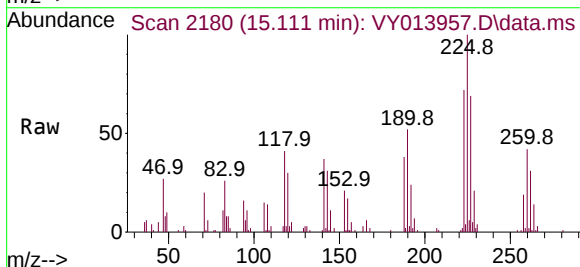
Tgt Ion:225 Resp: 18109

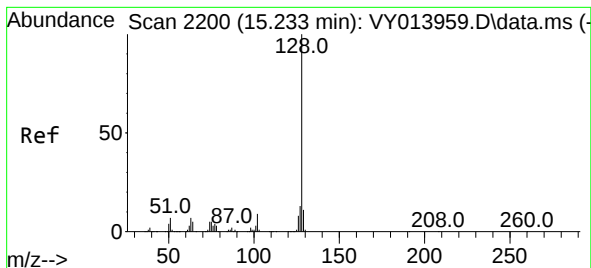
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 11.022 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

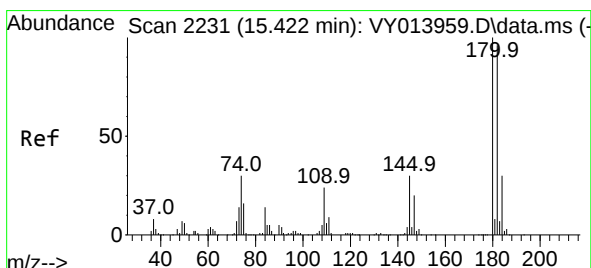
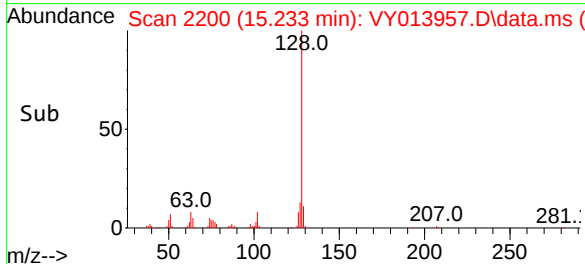
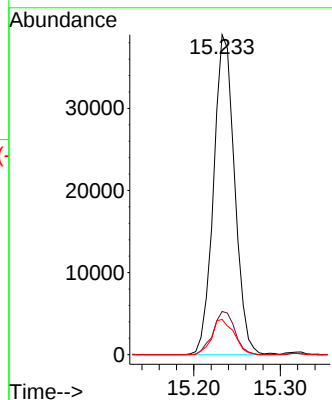
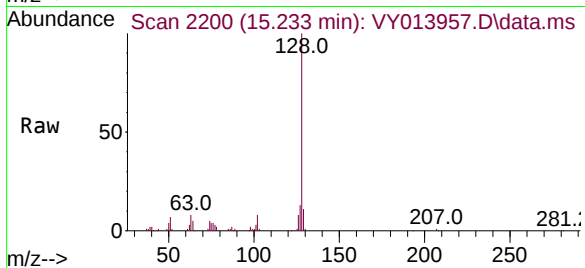
Tgt Ion:128 Resp: 65828

Ion Ratio Lower Upper

128 100

127 14.1 10.8 16.2

129 11.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.638 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:180 Resp: 30683

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 31.2 15.4 46.2

