

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008657.D
 Acq On : 09 May 2022 10:47
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: May 09 12:42:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 12:39:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	246013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	391327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39636	15.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	30.360%#		
35) Dibromofluoromethane	7.716	113	46816	19.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.140%#		
50) Toluene-d8	10.179	98	160366	17.429	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	34.860%#		
62) 4-Bromofluorobenzene	12.483	95	59358	17.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	35.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29114	19.843	ug/l	100
3) Chloromethane	2.113	50	32670	10.961	ug/l	94
4) Vinyl Chloride	2.260	62	43948	16.100	ug/l	95
5) Bromomethane	2.656	94	34378	9.613	ug/l	99
6) Chloroethane	2.802	64	28902	9.748	ug/l	98
7) Trichlorofluoromethane	3.125	101	52366	13.811	ug/l	94
8) Diethyl Ether	3.528	74	30173	18.485	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.900	101	51882	20.167	ug/l	95
10) Methyl Iodide	4.088	142	85859	22.112	ug/l #	87
11) Tert butyl alcohol	4.954	59	20224	79.585	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	52826	20.904	ug/l #	79
13) Acrolein	3.723	56	22456	142.091	ug/l	100
14) Allyl chloride	4.479	41	70179	19.436	ug/l #	84
15) Acrylonitrile	5.155	53	69288	87.769	ug/l	99
16) Acetone	3.942	43	47347	79.185	ug/l #	89
17) Carbon Disulfide	4.192	76	145195	21.952	ug/l	99
18) Methyl Acetate	4.473	43	32861	15.348	ug/l #	80
19) Methyl tert-butyl Ether	5.210	73	96860	18.155	ug/l	92
20) Methylene Chloride	4.710	84	61541	17.858	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	60203	19.390	ug/l #	77
22) Diisopropyl ether	6.119	45	150605	18.335	ug/l #	88
23) Vinyl Acetate	6.052	43	471843	86.383	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	95357	18.265	ug/l	97
25) 2-Butanone	6.984	43	80072	80.698	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	64644	18.629	ug/l	88
27) cis-1,2-Dichloroethene	6.984	96	66839	18.809	ug/l	78
28) Bromochloromethane	7.332	49	34106	16.677	ug/l #	66
29) Tetrahydrofuran	7.344	42	54309	82.709	ug/l #	76
30) Chloroform	7.503	83	101296	18.545	ug/l	98
31) Cyclohexane	7.783	56	85432	18.476	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	84518	18.761	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	79710	20.842	ug/l	95
37) Ethyl Acetate	7.070	43	37758	18.328	ug/l #	92
38) Carbon Tetrachloride	7.899	117	79964	20.935	ug/l	100
39) Methylcyclohexane	9.179	83	102777	20.180	ug/l #	86
40) Benzene	8.161	78	231557	20.755	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	49824	47.888	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	58756	18.167	ug/l	84
43) Isopropyl Acetate	8.271	43	68571	18.072	ug/l #	84
44) Trichloroethene	8.935	130	65843	20.249	ug/l	100
45) 1,2-Dichloropropane	9.216	63	54974	19.720	ug/l	97
46) Dibromomethane	9.301	93	33868	17.812	ug/l	95
47) Bromodichloromethane	9.496	83	75879	18.591	ug/l	97
48) Methyl methacrylate	9.295	41	30701	17.795	ug/l #	77
49) 1,4-Dioxane	9.295	88	7930	379.201	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	179133	85.922	ug/l #	82
52) Toluene	10.240	92	149753	19.382	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	82655	17.492	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	94721	19.370	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	48589	17.669	ug/l	98
56) Ethyl methacrylate	10.508	69	60688	17.211	ug/l #	72
57) 1,3-Dichloropropane	10.789	76	80265	18.166	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	144774	88.433	ug/l	90
59) 2-Hexanone	10.831	43	123571	83.255	ug/l	79
60) Dibromochloromethane	10.984	129	57893	18.170	ug/l	97
61) 1,2-Dibromoethane	11.087	107	47850	18.345	ug/l	100
64) Tetrachloroethene	10.721	164	56270	20.416	ug/l	96
65) Chlorobenzene	11.514	112	163911	20.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	60899	20.547	ug/l	97
67) Ethyl Benzene	11.593	91	281365	19.826	ug/l	95
68) m/p-Xylenes	11.703	106	227379	36.469	ug/l	89
69) o-Xylene	12.026	106	106083	17.290	ug/l	90
70) Styrene	12.044	104	176979	16.954	ug/l	93
71) Bromoform	12.209	173	38425	17.620	ug/l #	98
73) Isopropylbenzene	12.331	105	278622	18.322	ug/l	99
74) N-amyl acetate	12.142	43	61337	16.090	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	56337	18.034	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	70817	34.673	ug/l #	100
77) Bromobenzene	12.611	156	68662	20.230	ug/l	89
78) n-propylbenzene	12.672	91	336401	20.579	ug/l	97
79) 2-Chlorotoluene	12.758	91	181949	20.731	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	228116	21.120	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	19370	17.628	ug/l #	79
82) 4-Chlorotoluene	12.855	91	191711	20.895	ug/l	95
83) tert-Butylbenzene	13.075	119	204373	20.612	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	225173	20.552	ug/l	96
85) sec-Butylbenzene	13.252	105	304228	20.563	ug/l	98
86) p-Isopropyltoluene	13.367	119	254307	20.511	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	135205	20.629	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134800	20.624	ug/l	98
89) n-Butylbenzene	13.697	91	230206	20.016	ug/l	98
90) Hexachloroethane	13.959	117	49151	20.224	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	120632	20.862	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8127	16.905	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	75395	20.144	ug/l	99
94) Hexachlorobutadiene	15.111	225	42002	21.286	ug/l	97
95) Naphthalene	15.239	128	151212	18.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	67506	20.376	ug/l	99

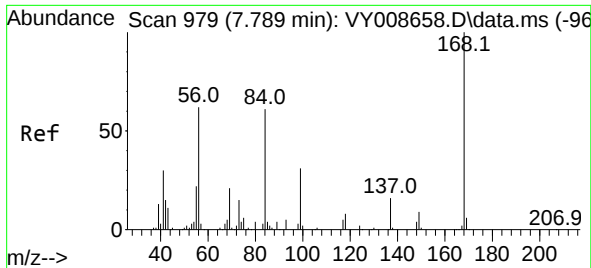
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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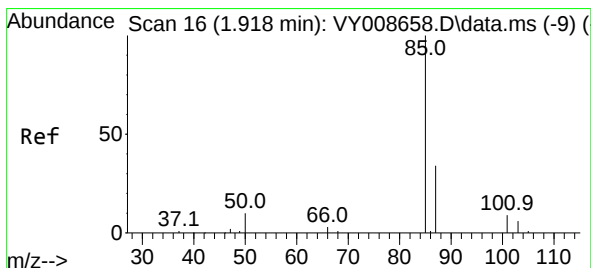
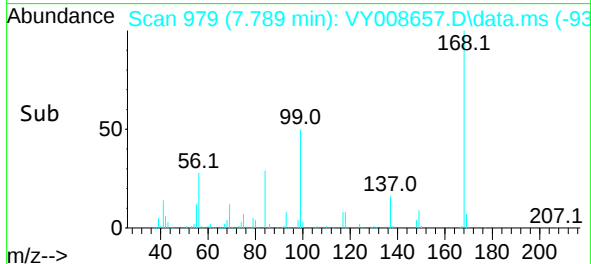
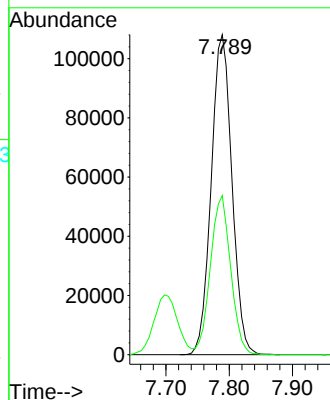
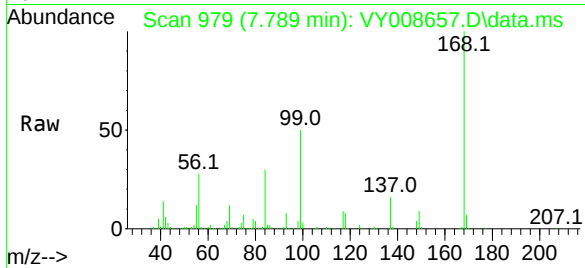
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008657.D
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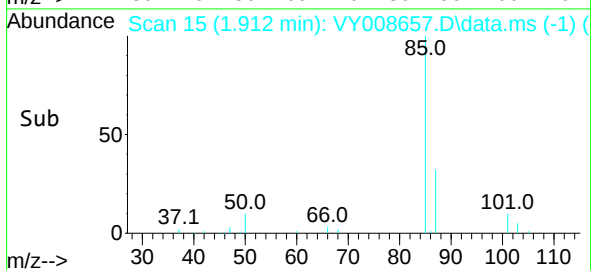
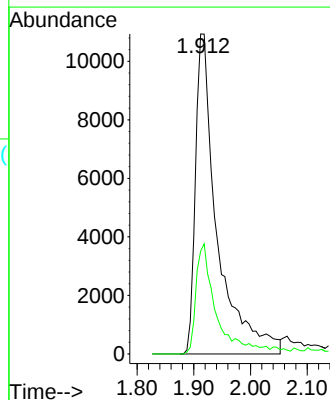
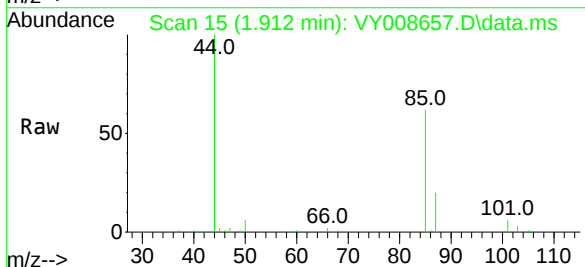
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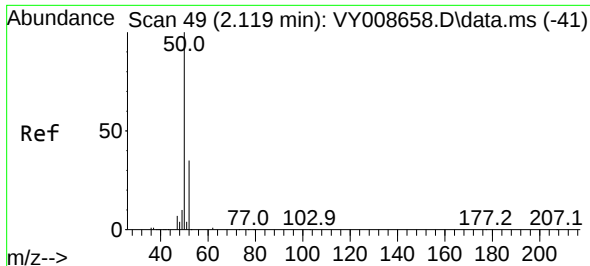
Tgt Ion:168 Resp: 246013
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.843 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 85 Resp: 29114
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

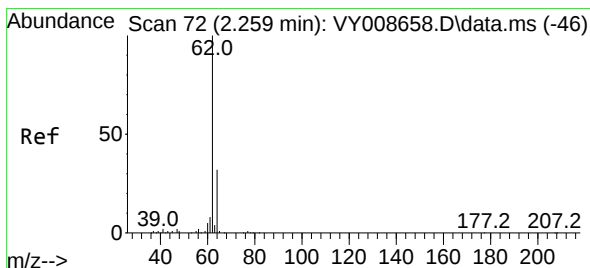
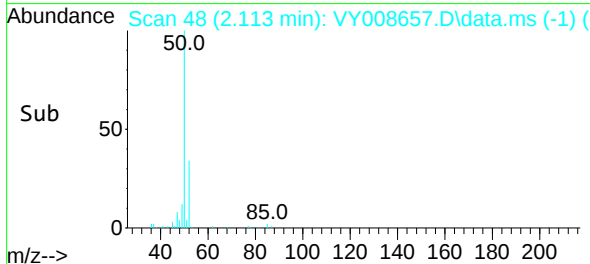
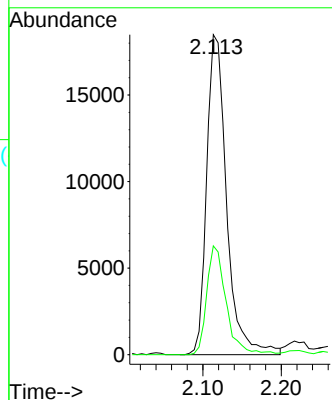
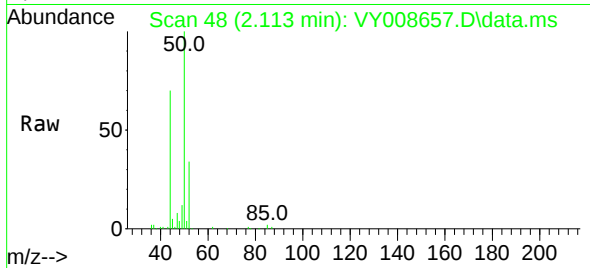




#3
Chloromethane
Concen: 10.961 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

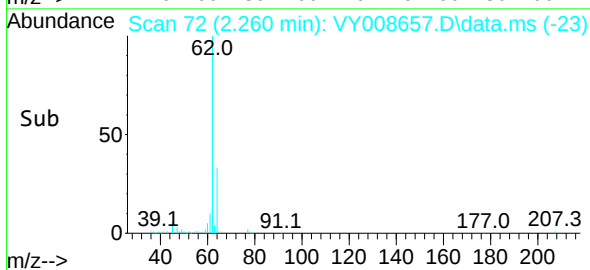
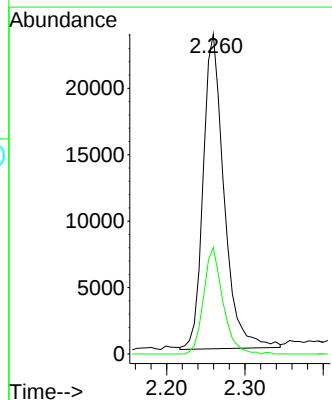
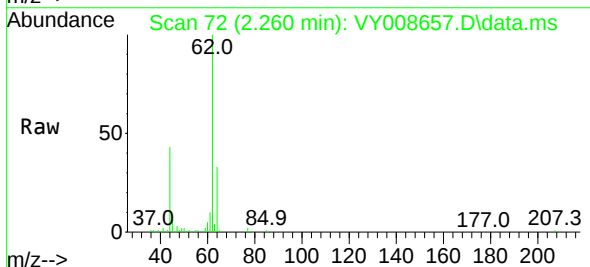
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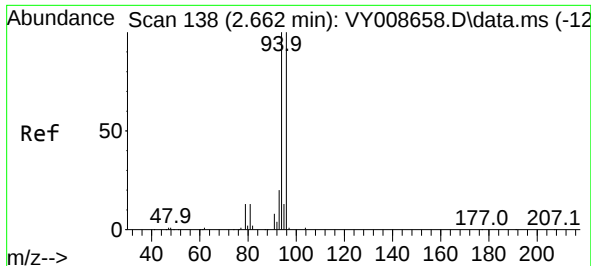
Tgt Ion: 50 Resp: 32670
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0



#4
Vinyl Chloride
Concen: 16.100 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 62 Resp: 43948
Ion Ratio Lower Upper
62 100
64 33.9 25.0 37.6

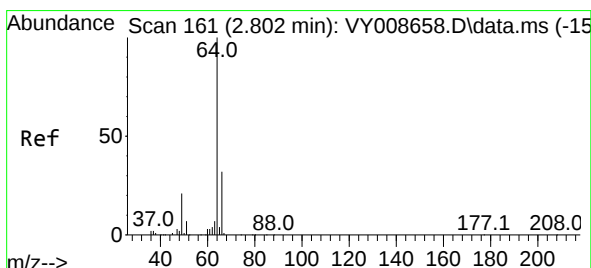
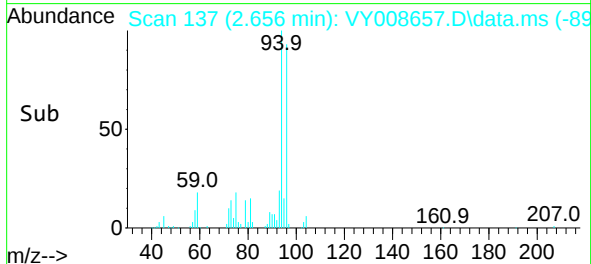
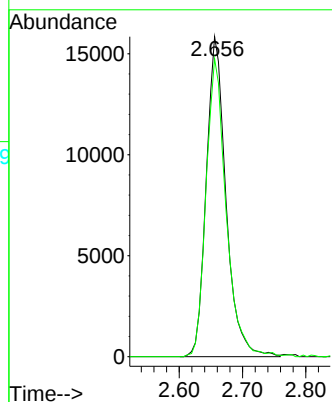
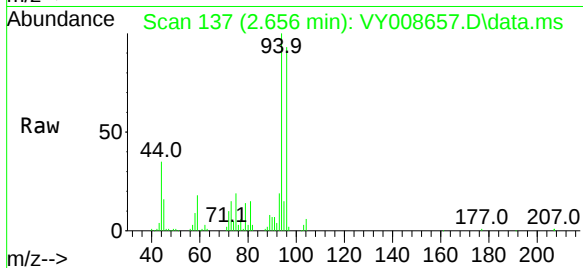




#5
Bromomethane
Concen: 9.613 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008657.D
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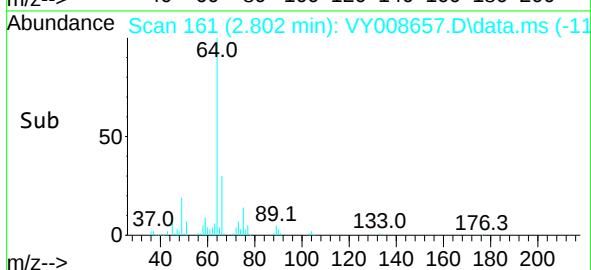
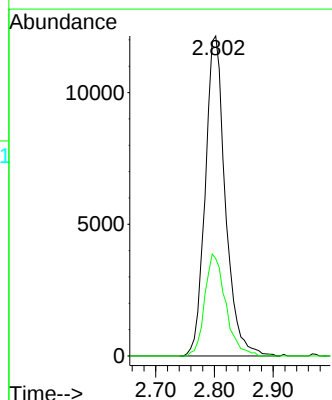
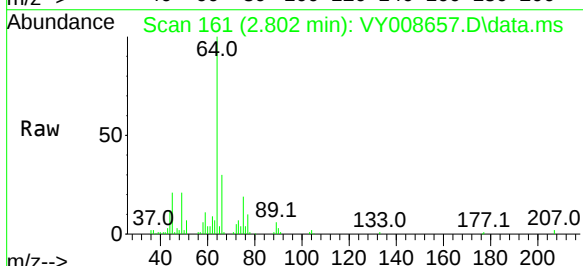
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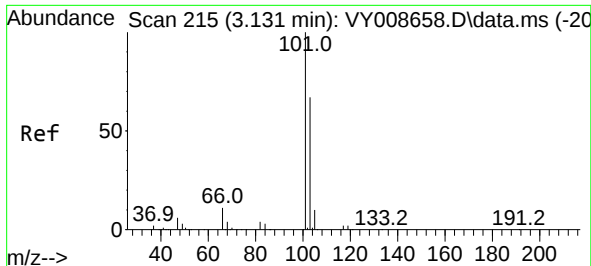
Tgt Ion: 94 Resp: 34378
Ion Ratio Lower Upper
94 100
96 93.1 73.5 110.3



#6
Chloroethane
Concen: 9.748 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 64 Resp: 28902
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.0

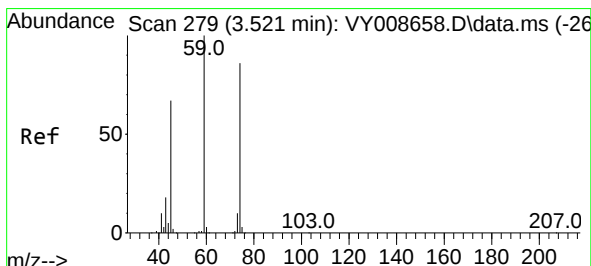
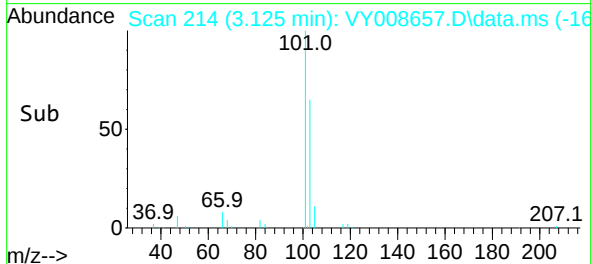
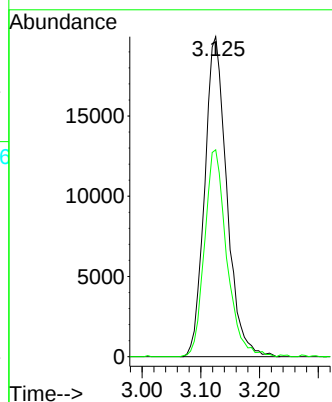
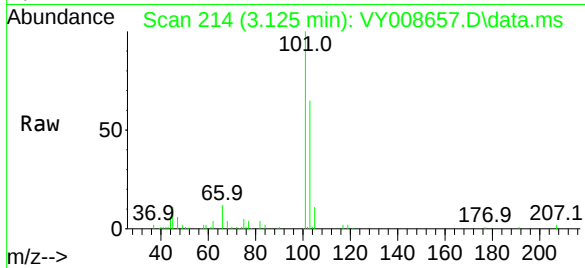




#7
 Trichlorofluoromethane
 Concen: 13.811 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

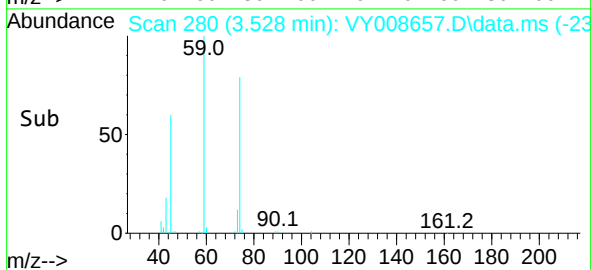
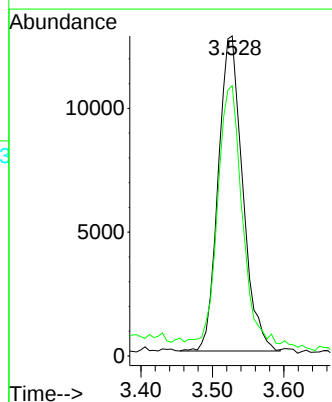
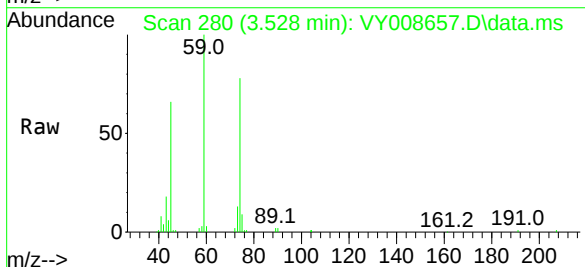
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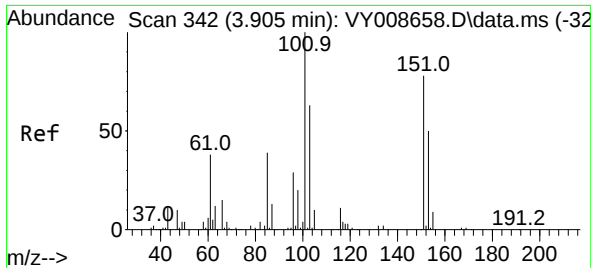
Tgt Ion:101 Resp: 52366
 Ion Ratio Lower Upper
 101 100
 103 64.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 18.485 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

Tgt Ion: 74 Resp: 30173
 Ion Ratio Lower Upper
 74 100
 45 80.6 55.1 165.5

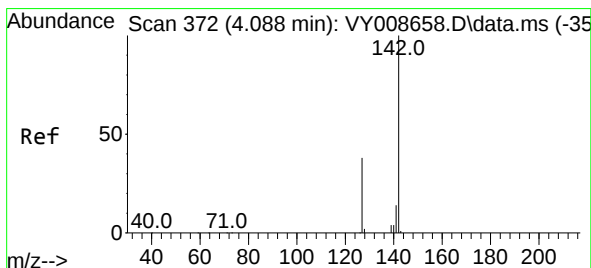
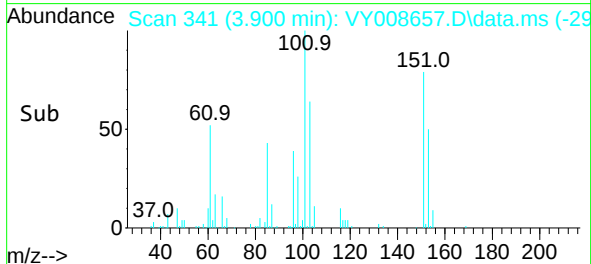
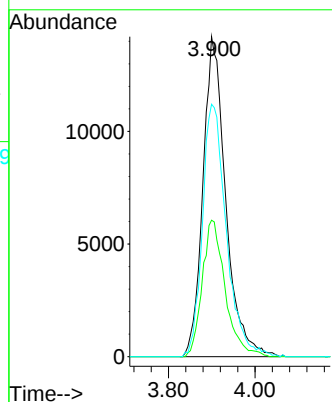
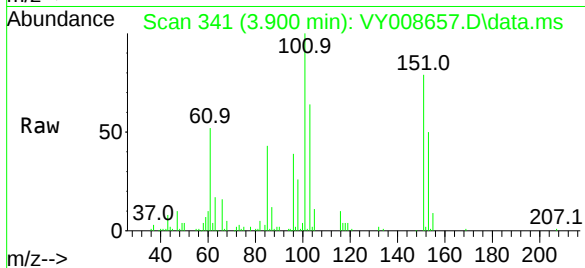




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.167 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.006 min
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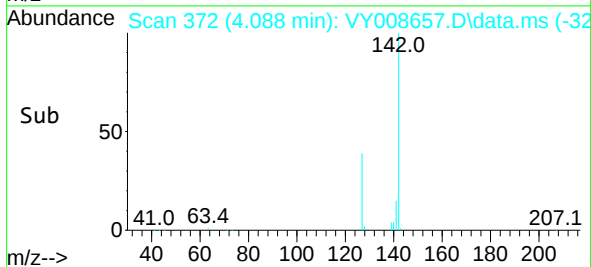
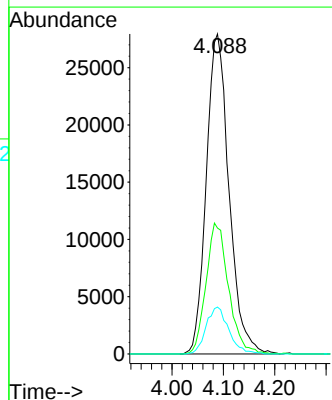
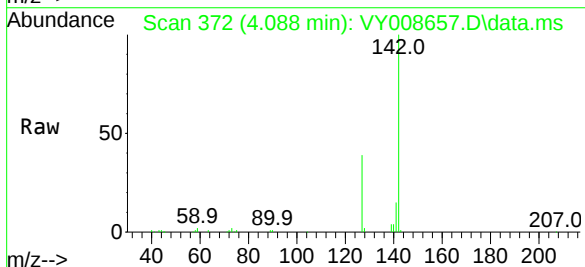
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

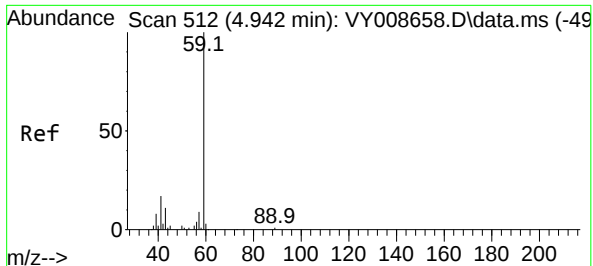
Tgt Ion:101 Resp: 51882
Ion Ratio Lower Upper
101 100
85 43.0 40.6 60.8
151 82.9 64.9 97.3



#10
Methyl Iodide
Concen: 22.112 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion:142 Resp: 85859
Ion Ratio Lower Upper
142 100
127 40.5 41.5 62.3#
141 14.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 79.585 ug/l

RT: 4.954 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

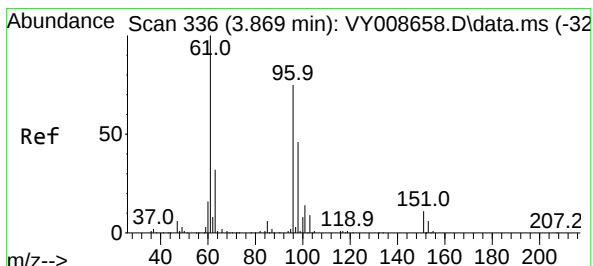
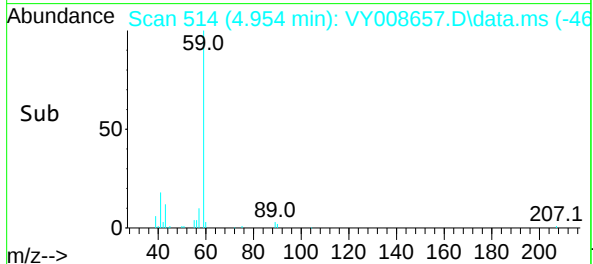
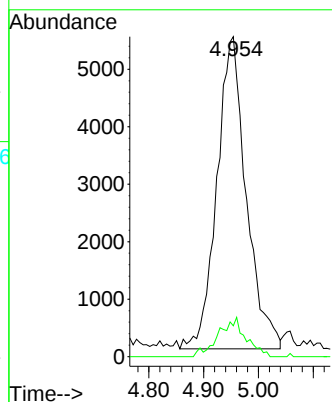
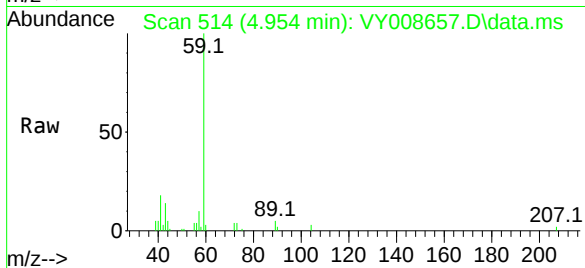
VSTDICC020

Tgt Ion: 59 Resp: 20224

Ion Ratio Lower Upper

59 100

57 11.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 20.904 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

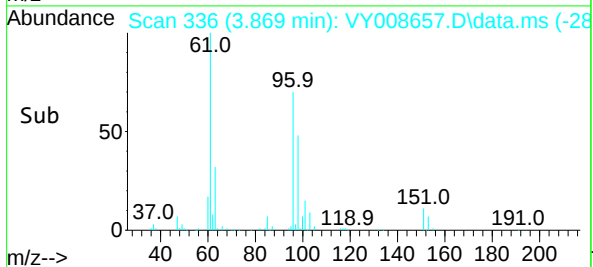
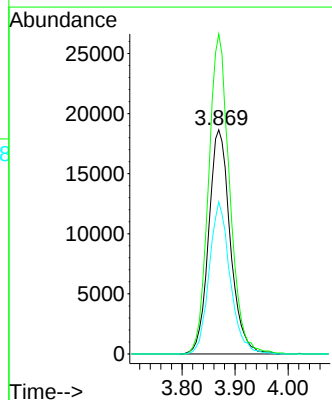
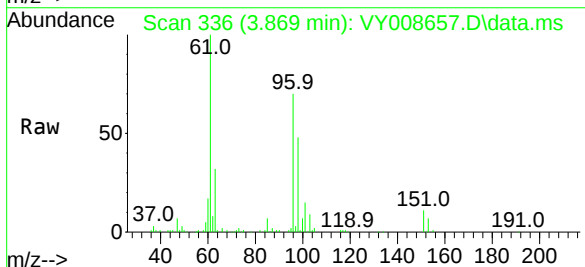
Tgt Ion: 96 Resp: 52826

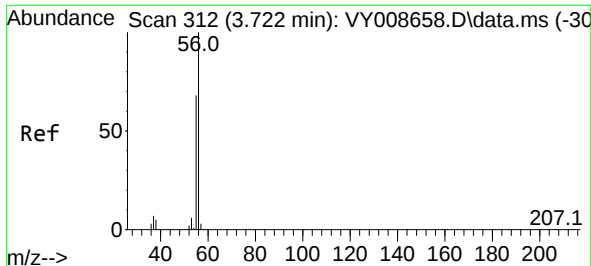
Ion Ratio Lower Upper

96 100

61 142.7 145.8 218.6#

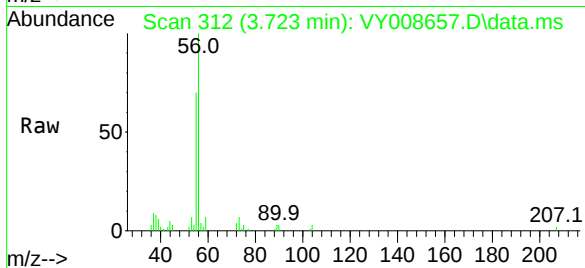
98 67.8 52.5 78.7



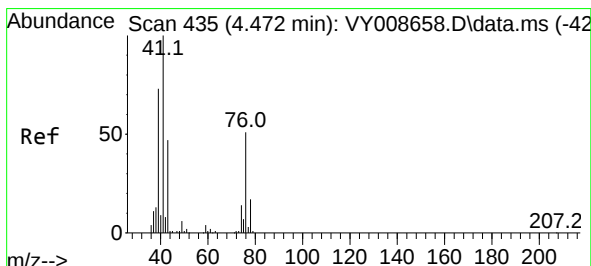
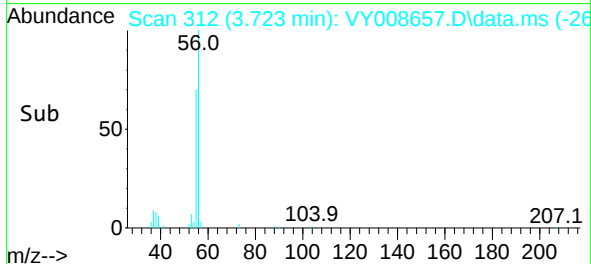
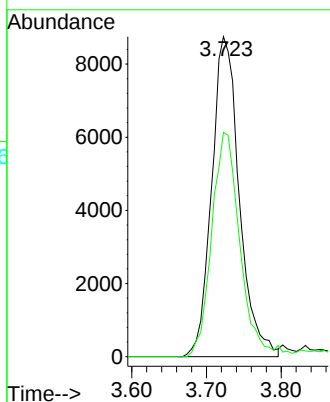


#13
Acrolein
Concen: 142.091 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

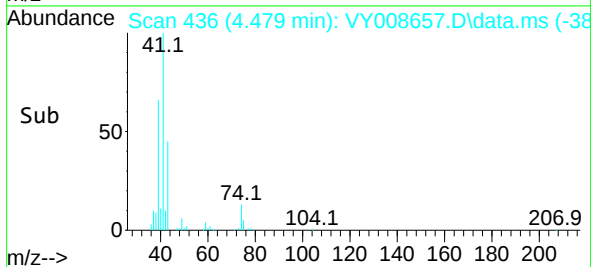
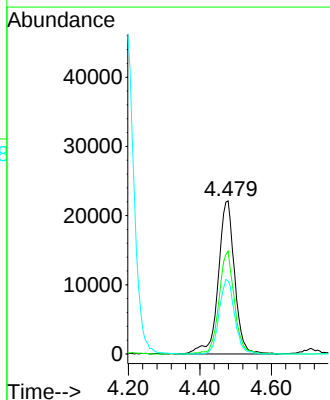
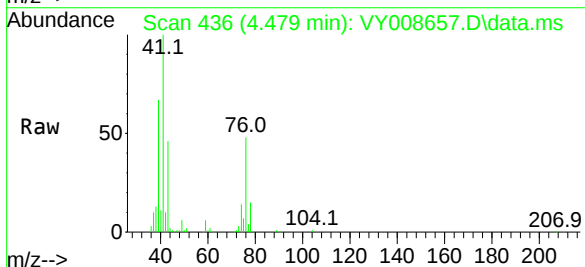


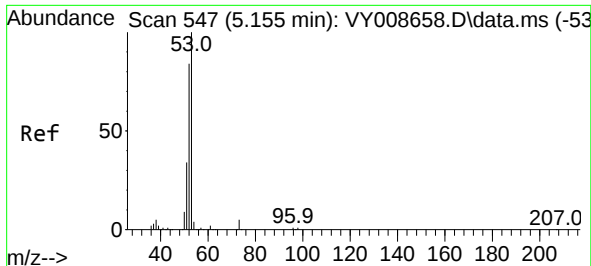
Tgt Ion: 56 Resp: 22456
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4



#14
Allyl chloride
Concen: 19.436 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

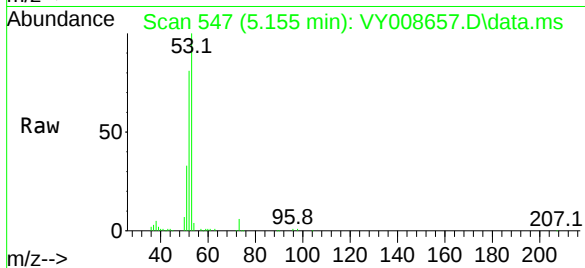
Tgt Ion: 41 Resp: 70179
Ion Ratio Lower Upper
41 100
39 63.1 58.8 88.2
76 45.7 25.1 37.7#





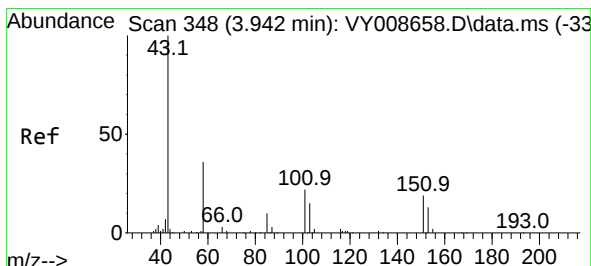
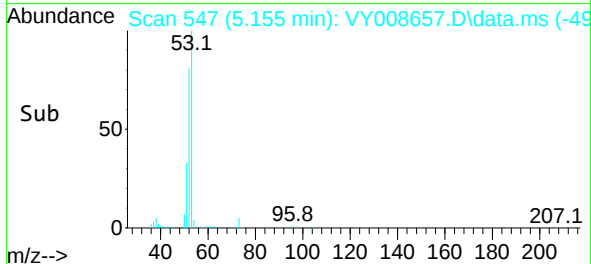
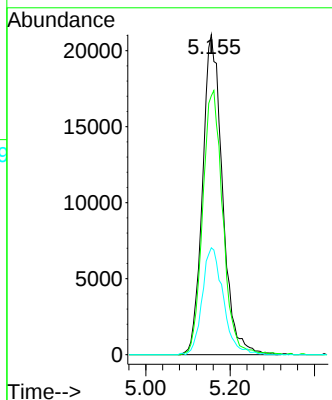
#15
Acrylonitrile
Concen: 87.769 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 69288

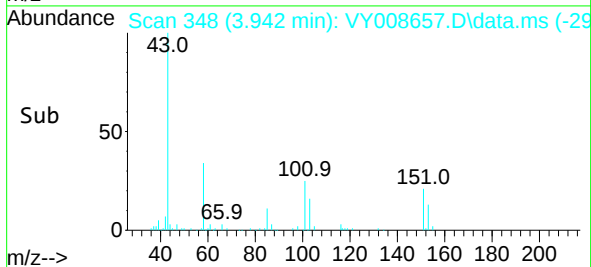
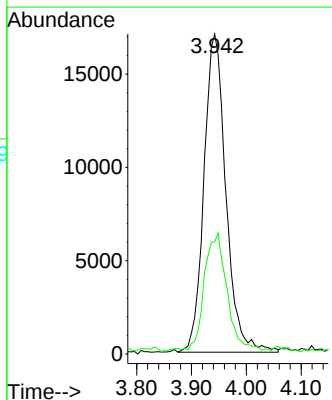
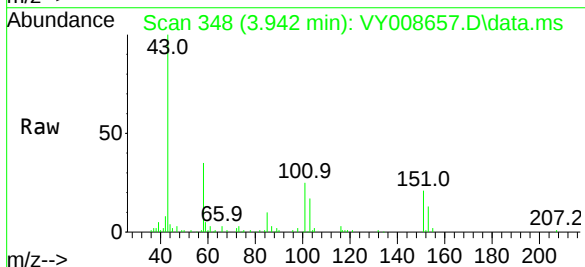
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.0	100.4
51	35.3	29.8	44.6

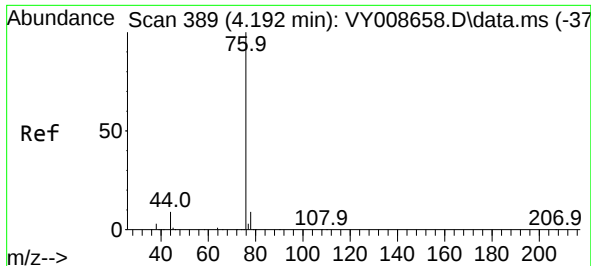


#16
Acetone
Concen: 79.185 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 43 Resp: 47347

Ion	Ratio	Lower	Upper
43	100		
58	33.5	22.0	33.0#

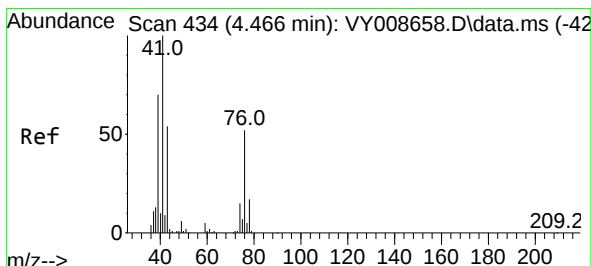
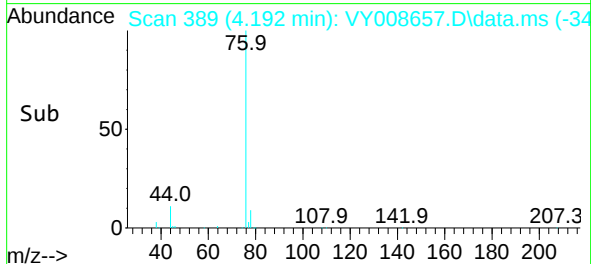
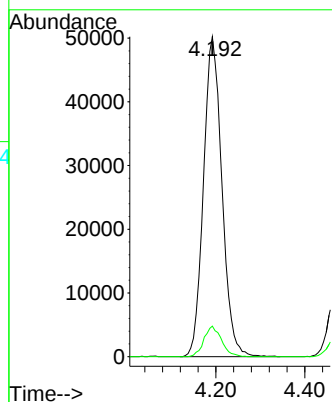
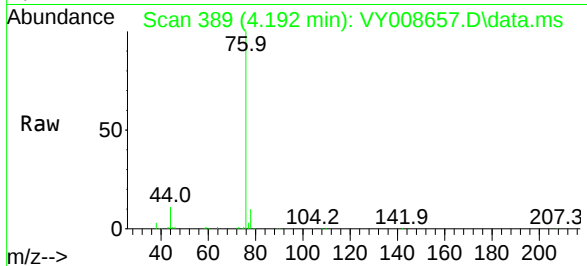




#17
Carbon Disulfide
Concen: 21.952 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

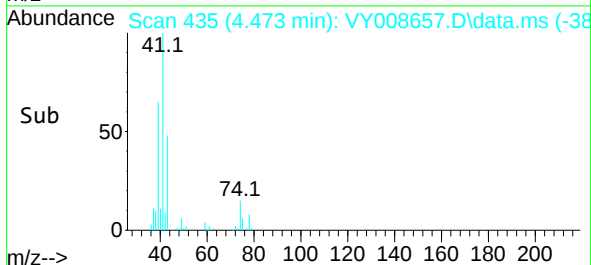
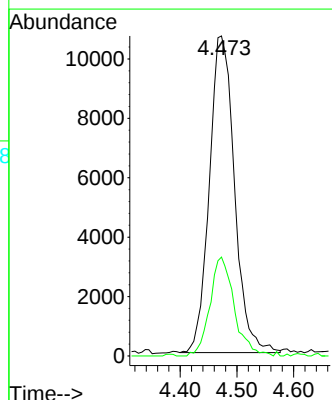
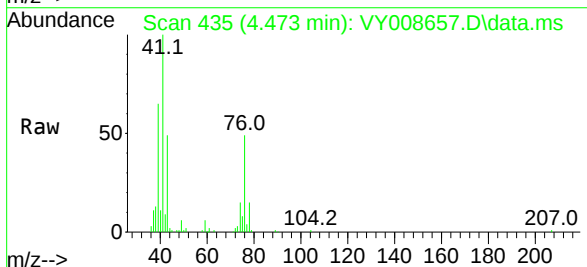
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

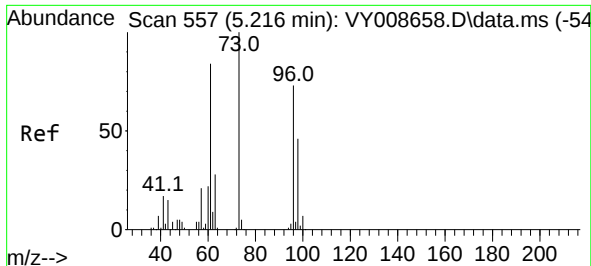
Tgt Ion: 76 Resp: 145195
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 15.348 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 43 Resp: 32861
Ion Ratio Lower Upper
43 100
74 30.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 18.155 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

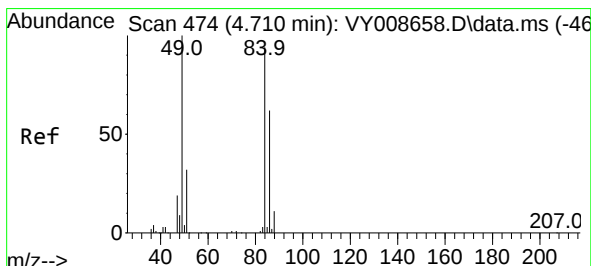
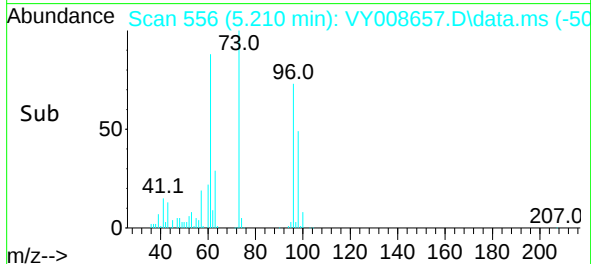
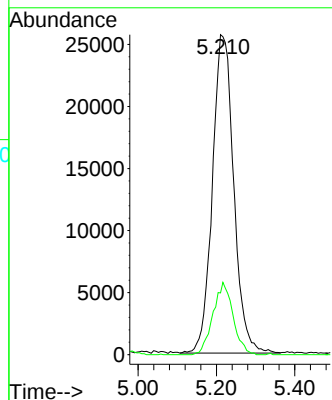
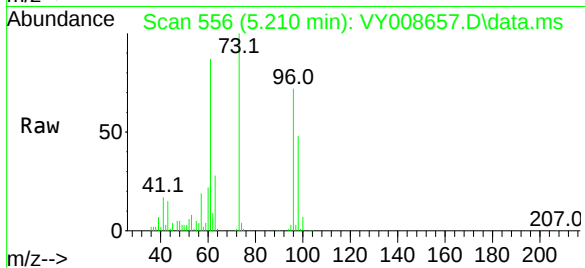
VSTDIC020

Tgt Ion: 73 Resp: 96860

Ion Ratio Lower Upper

73 100

57 19.4 18.6 27.8



#20

Methylene Chloride

Concen: 17.858 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Tgt Ion: 84 Resp: 61541

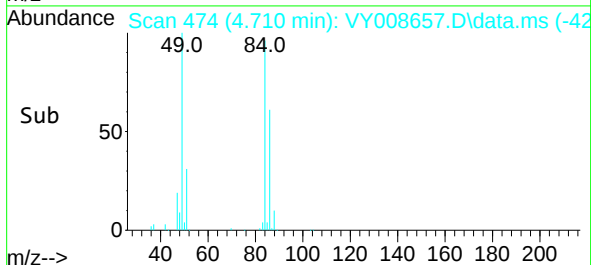
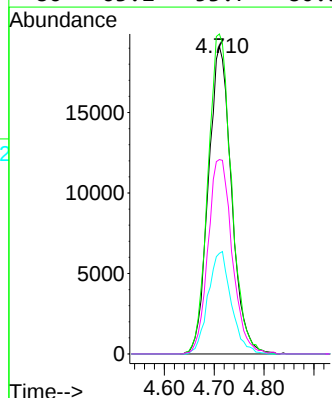
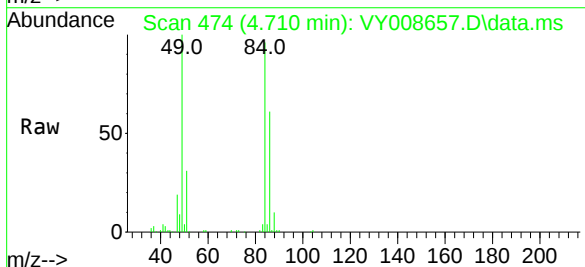
Ion Ratio Lower Upper

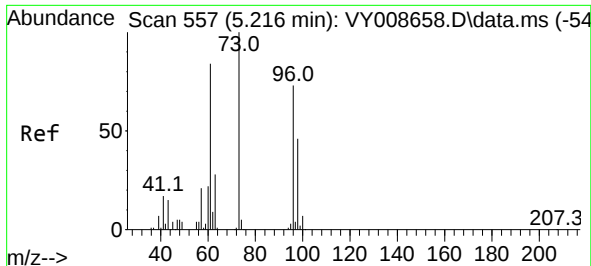
84 100

49 104.0 114.4 171.6#

51 32.7 35.3 52.9#

86 63.2 53.7 80.5

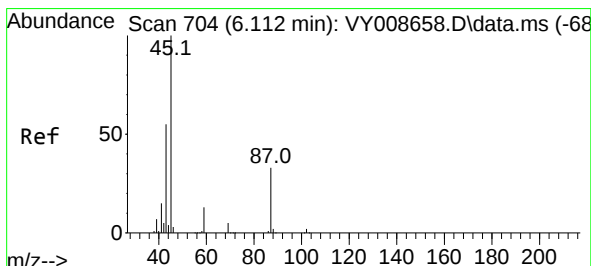
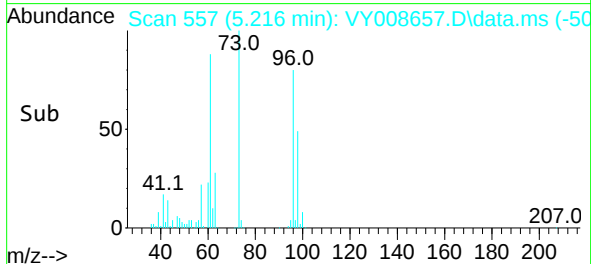
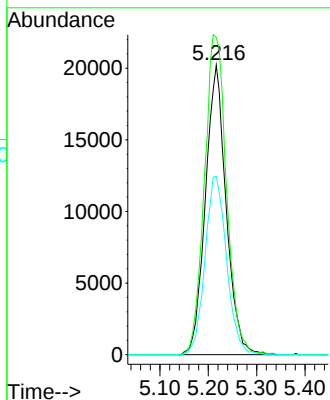
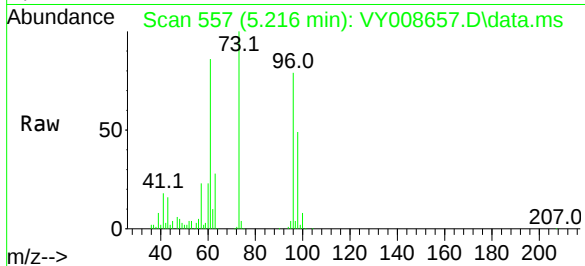




#21
trans-1,2-Dichloroethene
Concen: 19.390 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

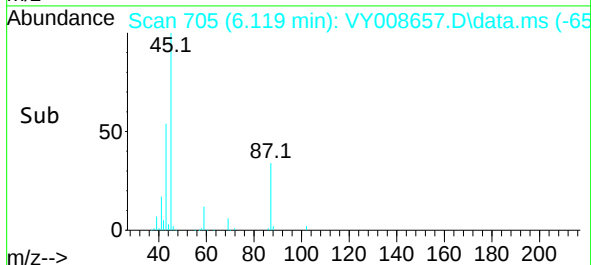
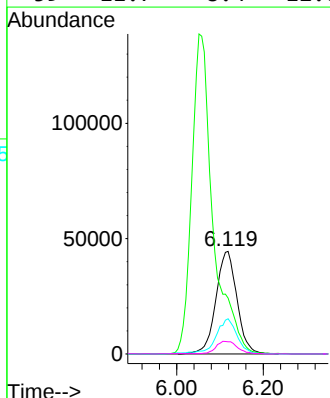
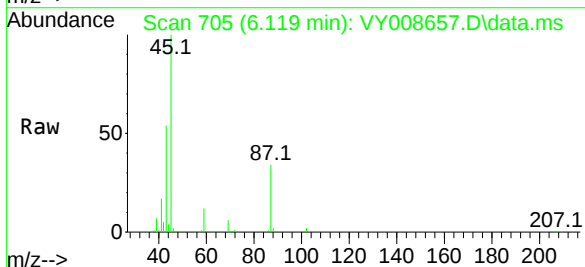
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

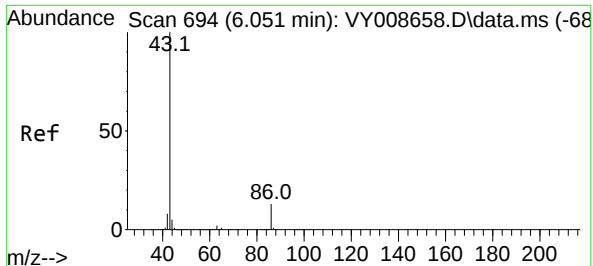
Tgt Ion: 96 Resp: 60203
Ion Ratio Lower Upper
96 100
61 109.6 120.5 180.7#
98 61.7 49.8 74.8



#22
Diisopropyl ether
Concen: 18.335 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 45 Resp: 150605
Ion Ratio Lower Upper
45 100
43 53.8 49.3 73.9
87 34.3 19.2 28.8#
59 11.7 8.4 12.6

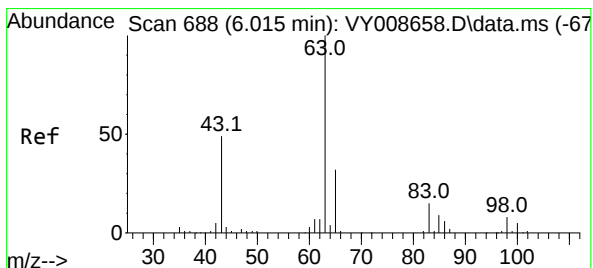
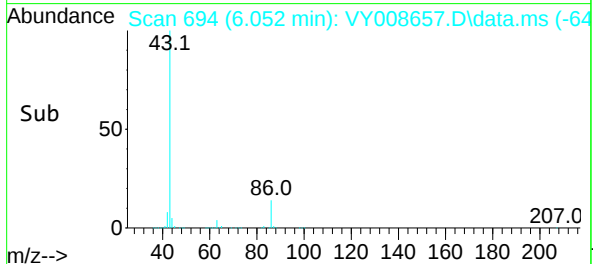
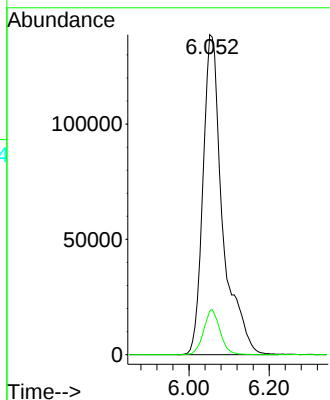
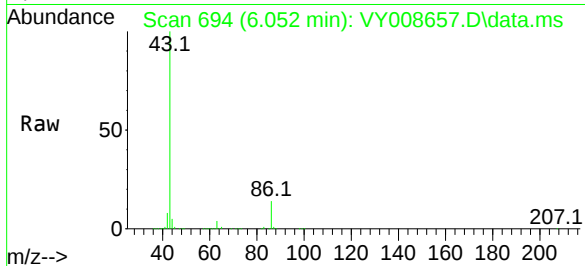




#23
 Vinyl Acetate
 Concen: 86.383 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

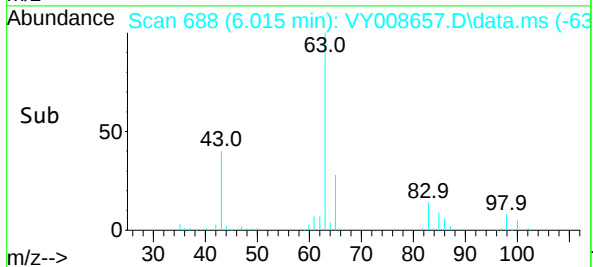
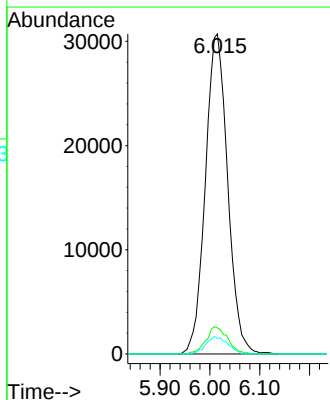
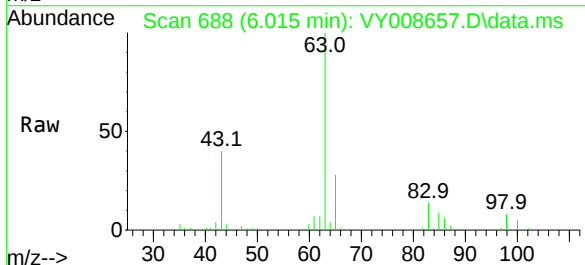
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

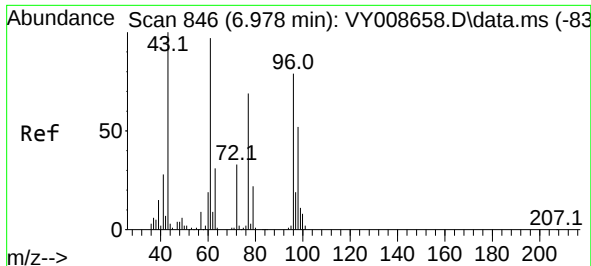
Tgt Ion: 43 Resp: 471843
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.265 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

Tgt Ion: 63 Resp: 95357
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 80.698 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

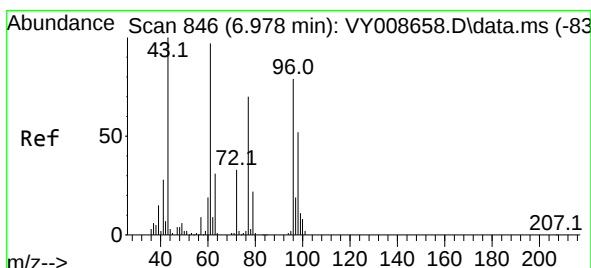
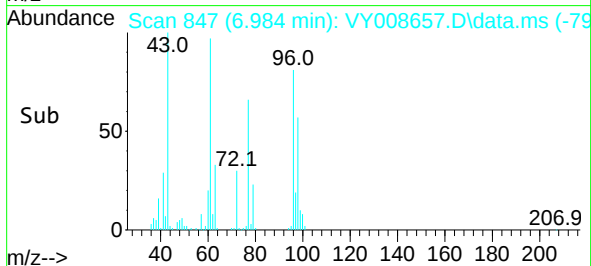
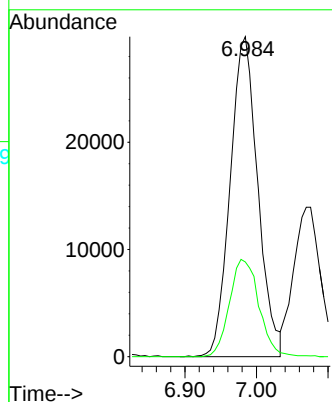
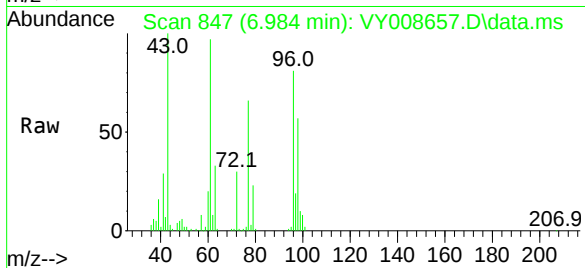
VSTDICC020

Tgt Ion: 43 Resp: 80072

Ion Ratio Lower Upper

43 100

72 29.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 18.629 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008657.D

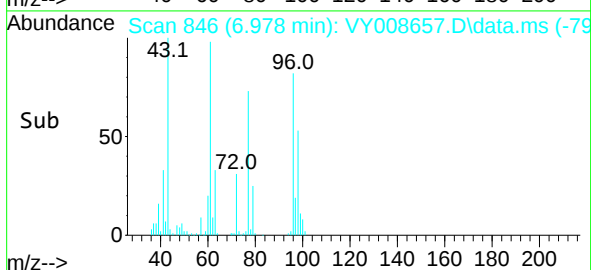
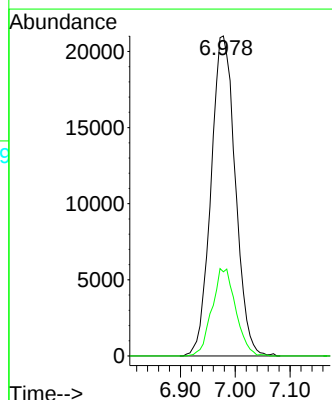
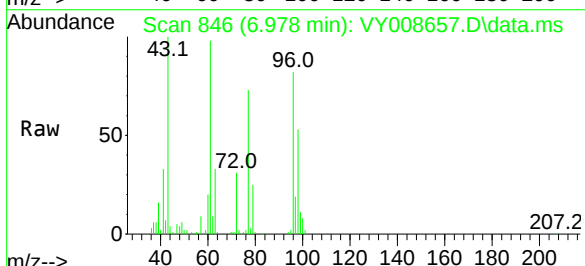
Acq: 09 May 2022 10:47

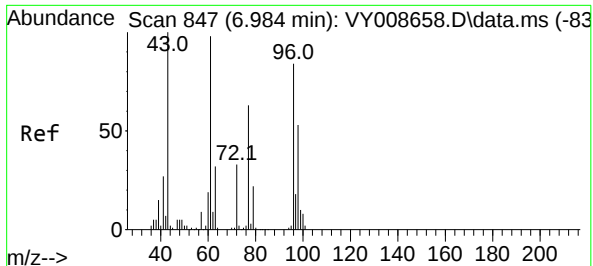
Tgt Ion: 77 Resp: 64644

Ion Ratio Lower Upper

77 100

97 26.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 18.809 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

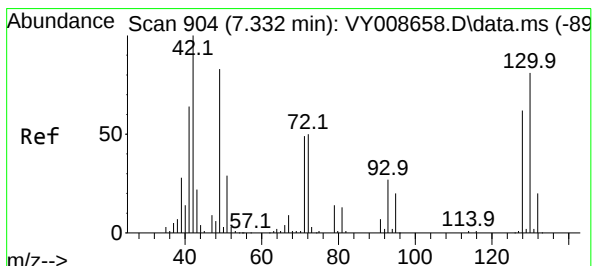
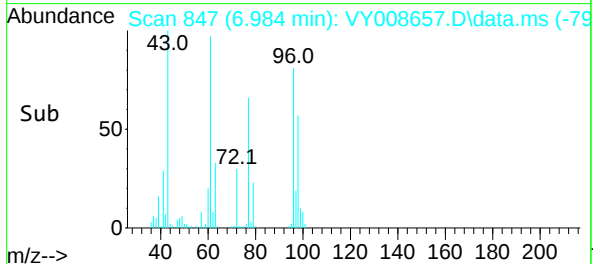
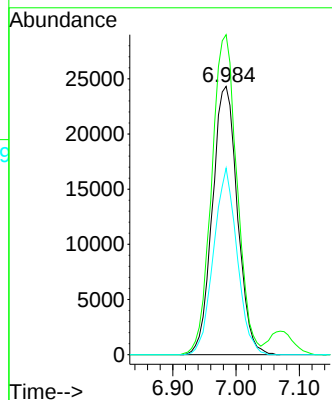
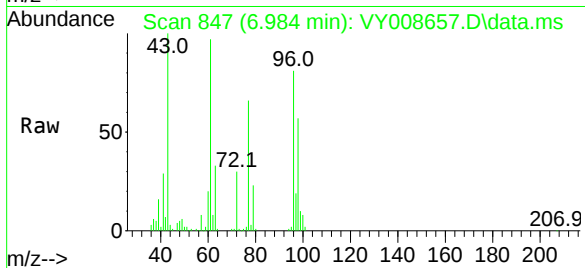
Tgt Ion: 96 Resp: 66839

Ion Ratio Lower Upper

96 100

61 120.9 0.0 319.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 16.677 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

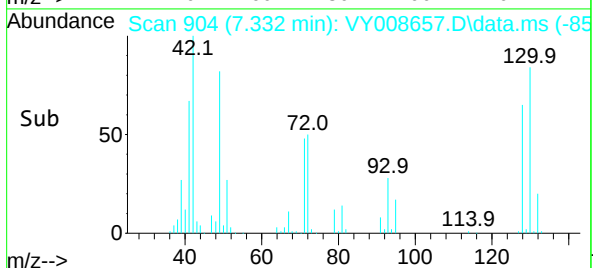
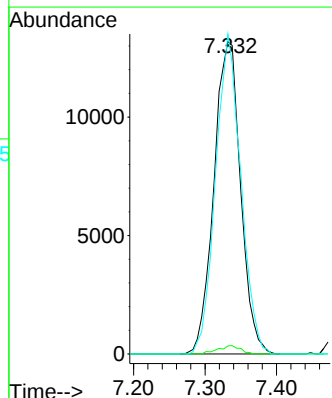
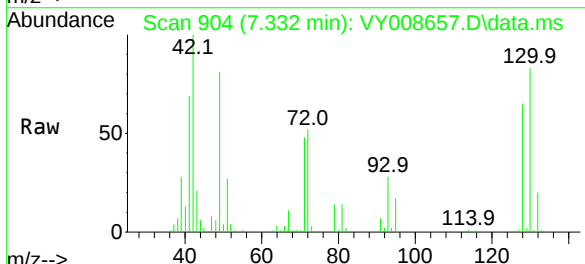
Tgt Ion: 49 Resp: 34106

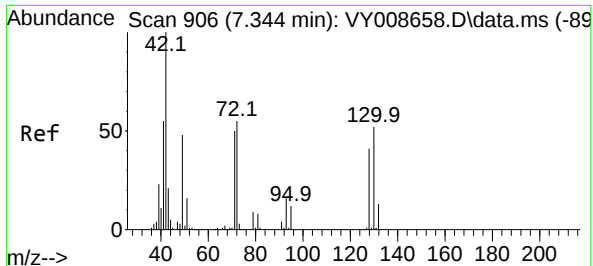
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 97.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 82.709 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

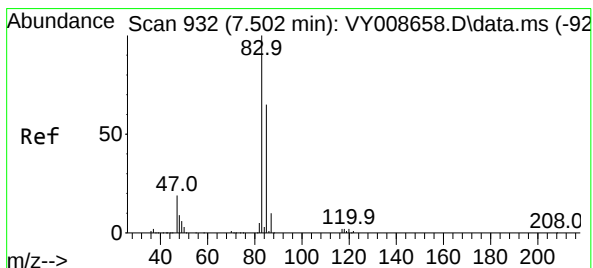
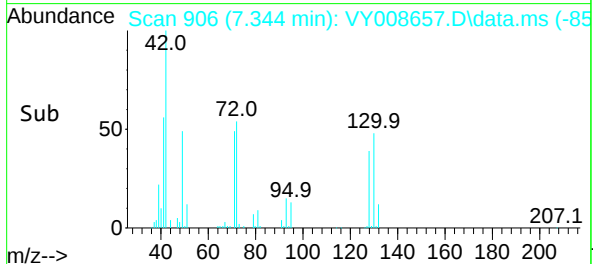
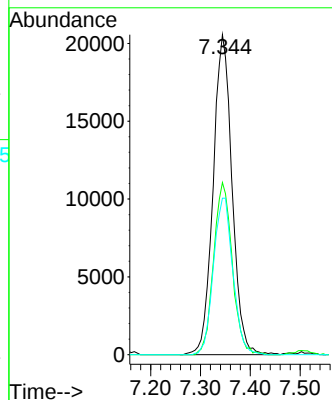
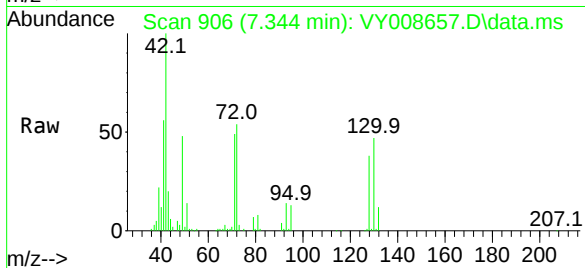
Tgt Ion: 42 Resp: 54309

Ion Ratio Lower Upper

42 100

72 52.8 30.3 45.5#

71 50.1 29.0 43.4#



#30

Chloroform

Concen: 18.545 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008657.D

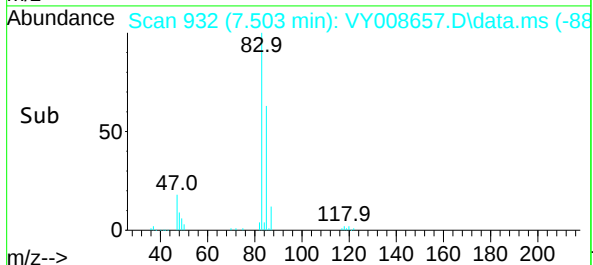
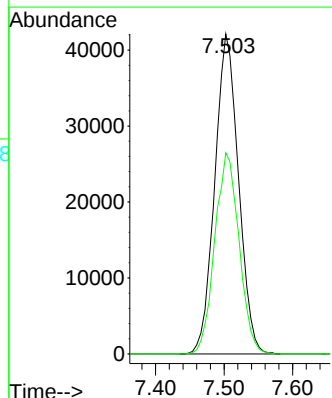
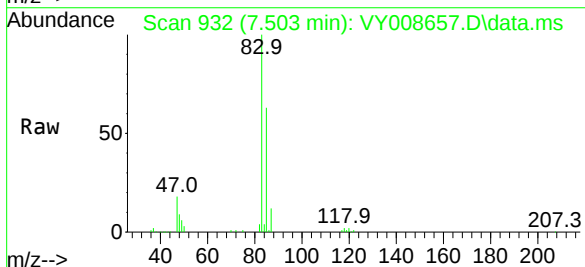
Acq: 09 May 2022 10:47

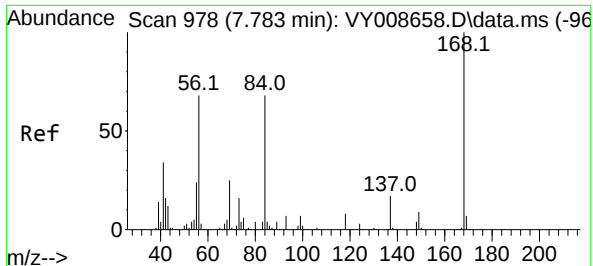
Tgt Ion: 83 Resp: 101296

Ion Ratio Lower Upper

83 100

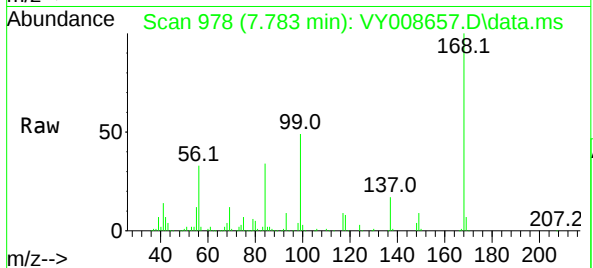
85 62.9 51.8 77.6



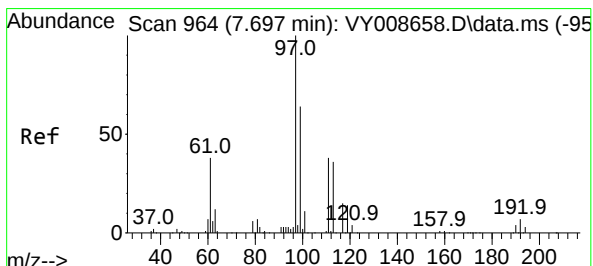
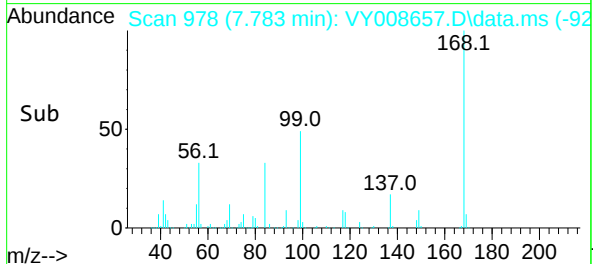
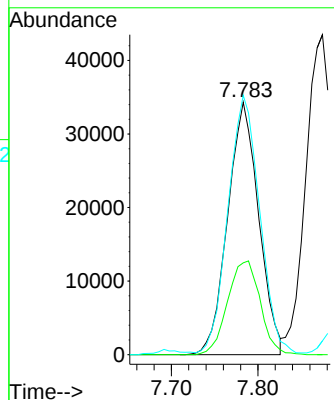


#31
Cyclohexane
Concen: 18.476 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

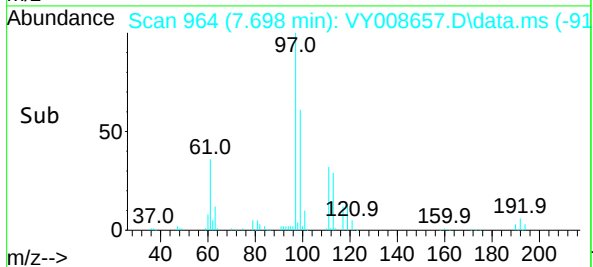
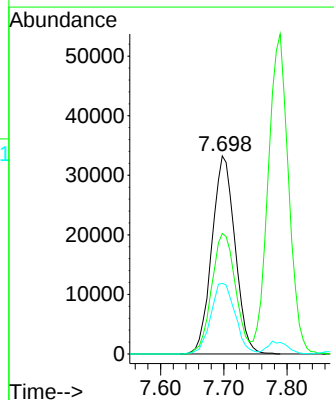
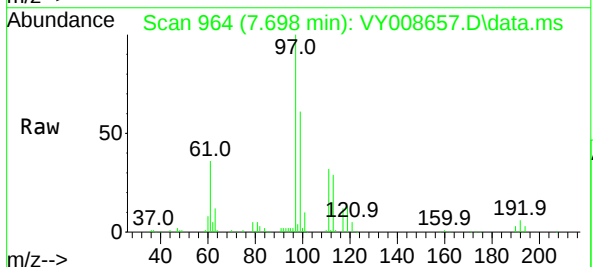


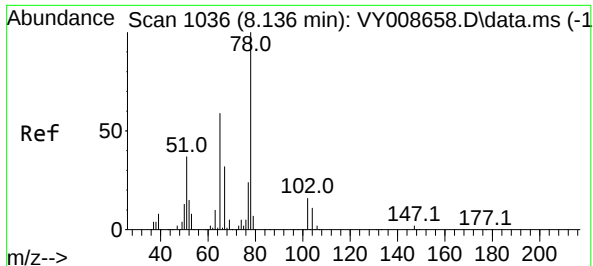
Tgt Ion: 56 Resp: 85432
Ion Ratio Lower Upper
56 100
69 36.4 26.7 40.1
84 101.8 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 18.761 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 97 Resp: 84518
Ion Ratio Lower Upper
97 100
99 62.7 50.7 76.1
61 37.5 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 15.181 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

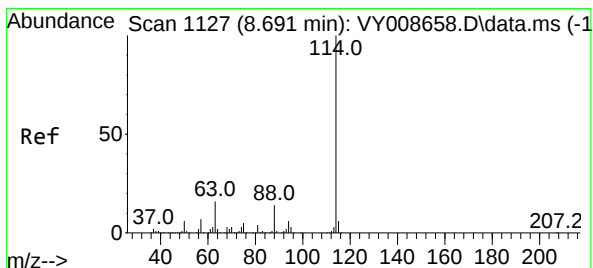
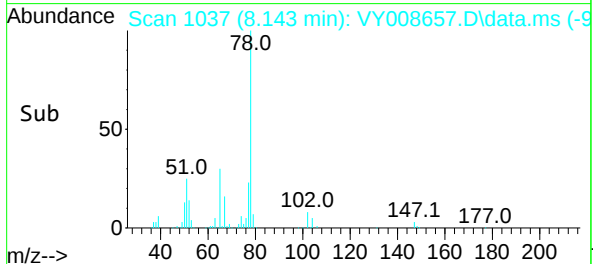
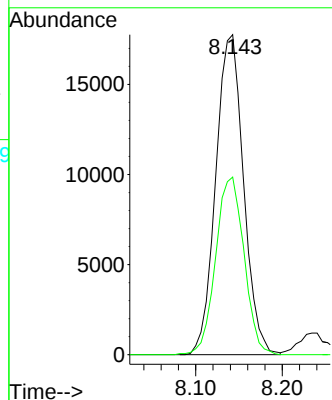
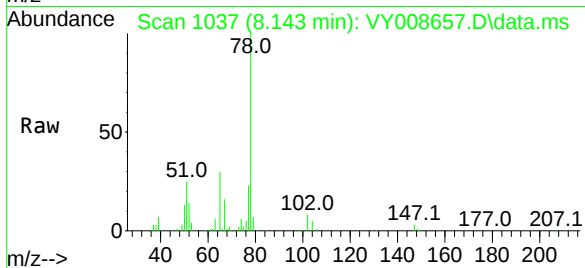
VSTDIC020

Tgt Ion: 65 Resp: 39636

Ion Ratio Lower Upper

65 100

67 56.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

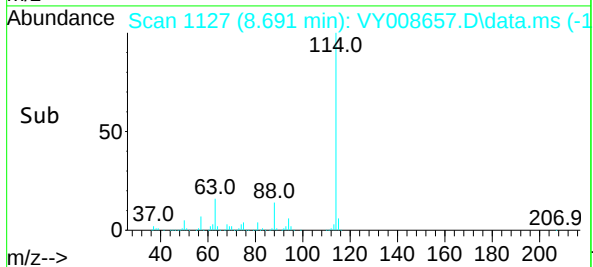
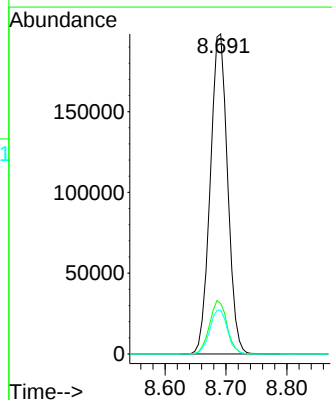
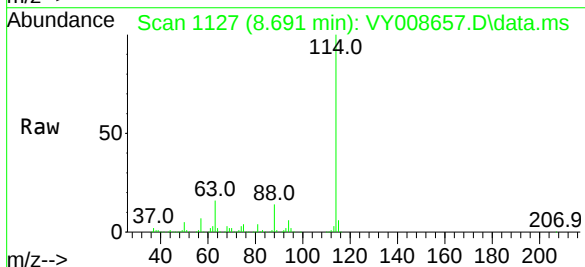
Tgt Ion: 114 Resp: 391327

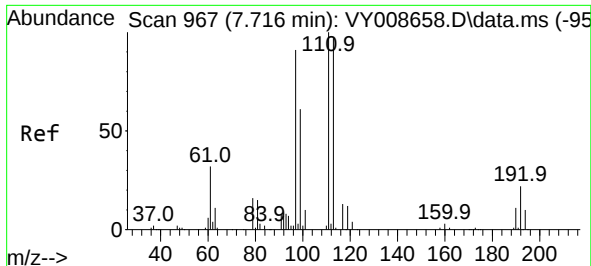
Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 19.567 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

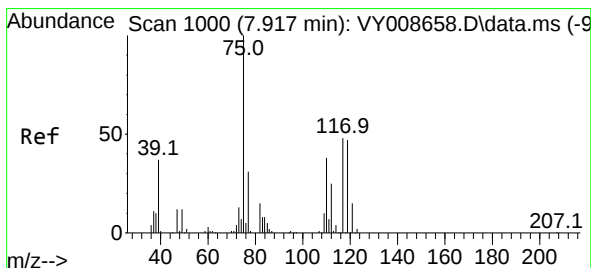
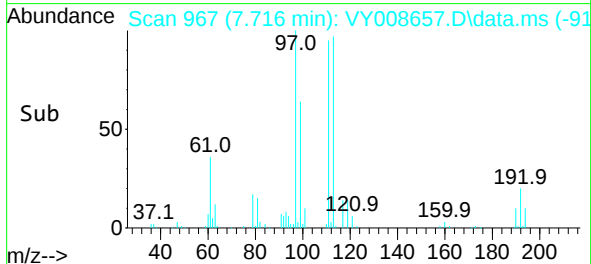
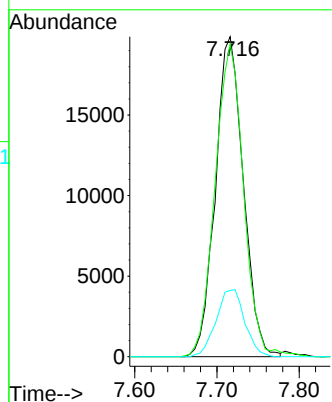
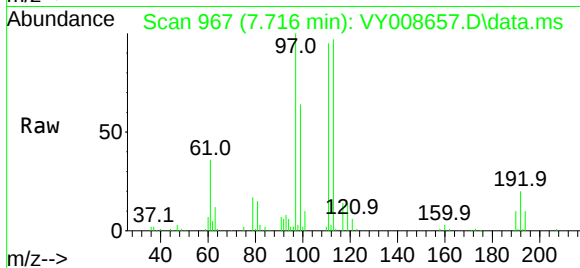
Tgt Ion:113 Resp: 46816

Ion Ratio Lower Upper

113 100

111 99.7 82.6 124.0

192 21.4 17.6 26.4



#36

1,1-Dichloropropene

Concen: 20.842 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

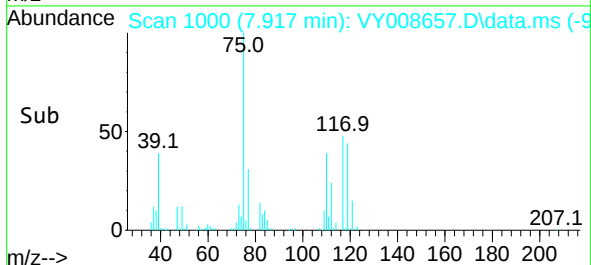
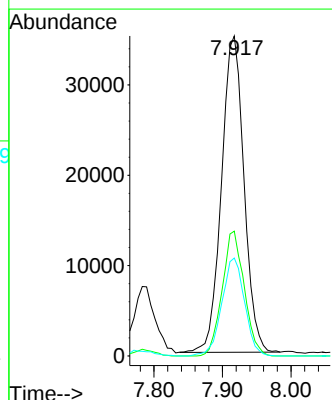
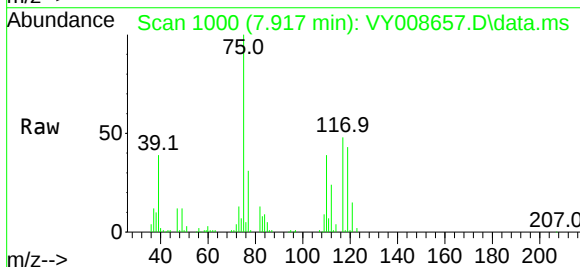
Tgt Ion: 75 Resp: 79710

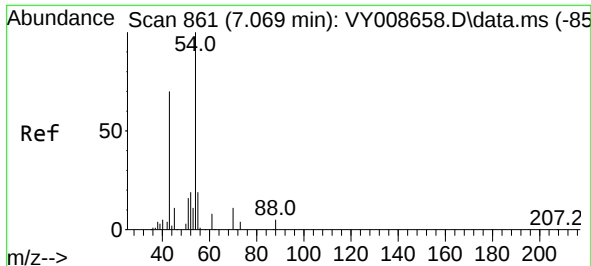
Ion Ratio Lower Upper

75 100

110 38.6 17.1 51.2

77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 18.328 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

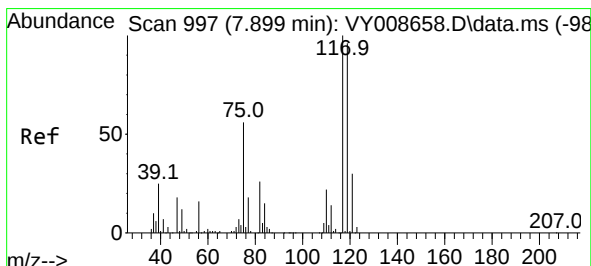
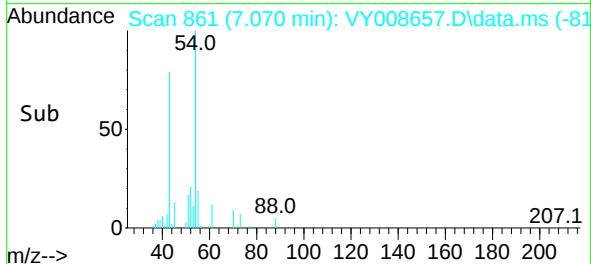
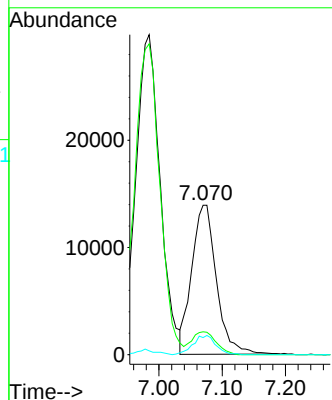
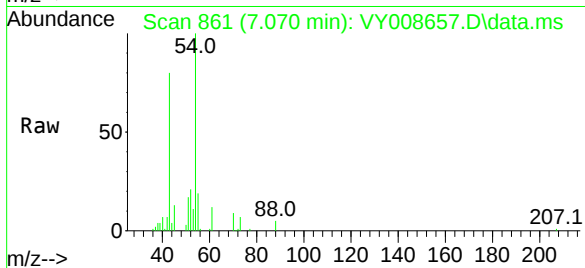
Tgt Ion: 43 Resp: 37758

Ion Ratio Lower Upper

43 100

61 15.3 9.7 14.5#

70 11.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.935 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

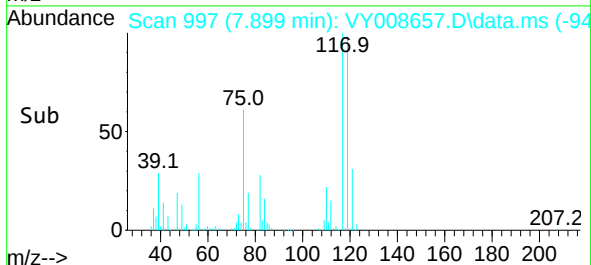
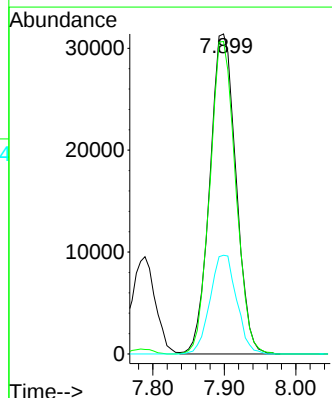
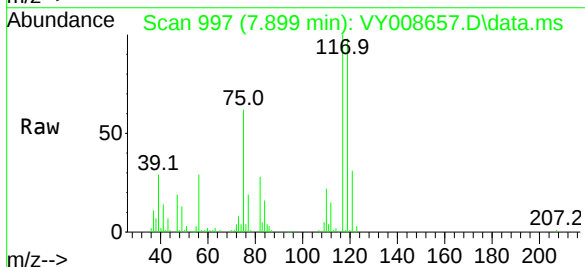
Tgt Ion: 117 Resp: 79964

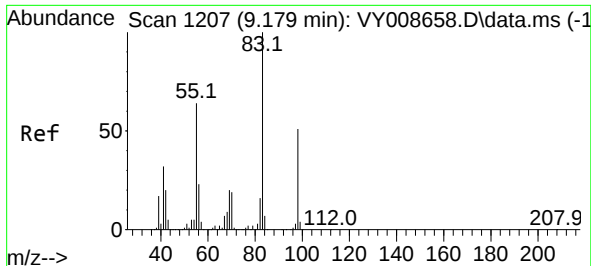
Ion Ratio Lower Upper

117 100

119 97.7 77.9 116.9

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 20.180 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

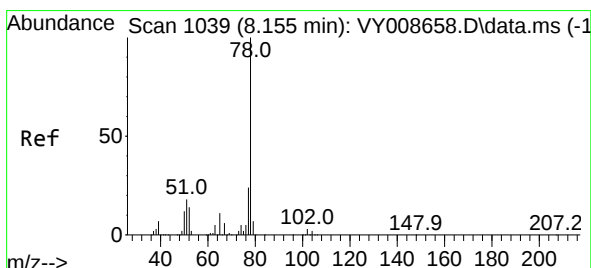
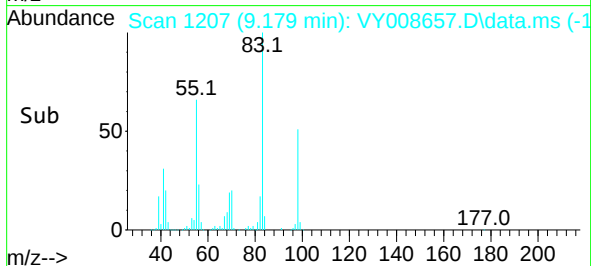
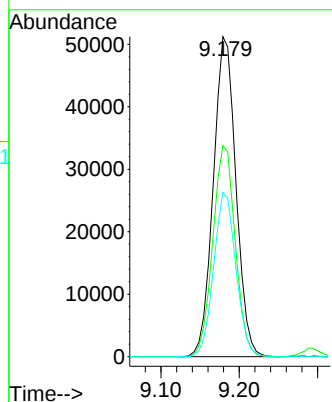
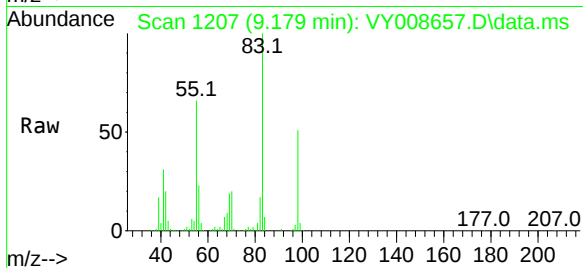
Tgt Ion: 83 Resp: 102777

Ion Ratio Lower Upper

83 100

55 65.9 66.5 99.7#

98 51.4 37.9 56.9



#40

Benzene

Concen: 20.755 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY008657.D

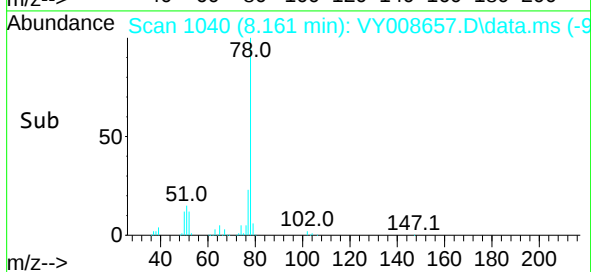
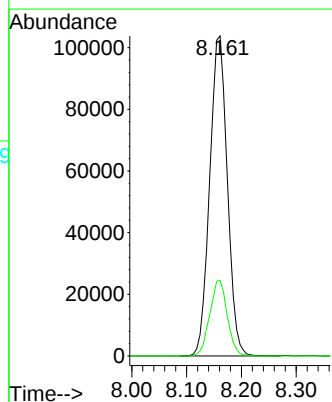
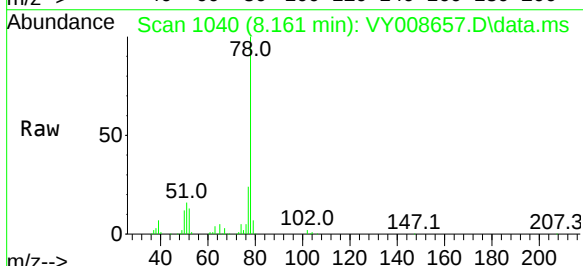
Acq: 09 May 2022 10:47

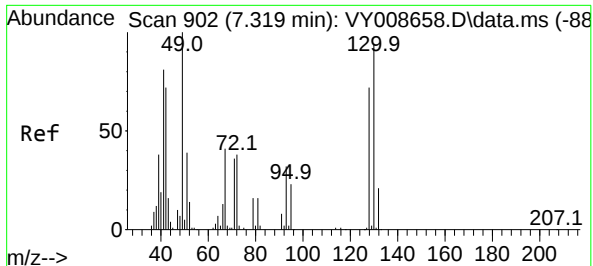
Tgt Ion: 78 Resp: 231557

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

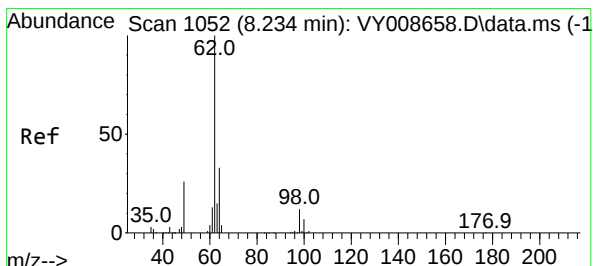
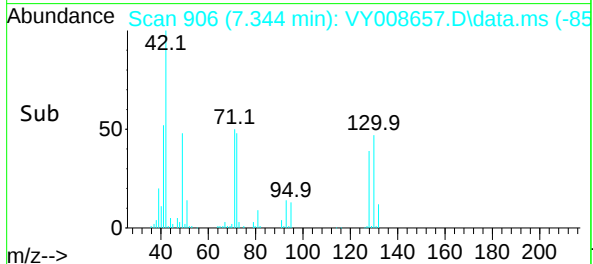
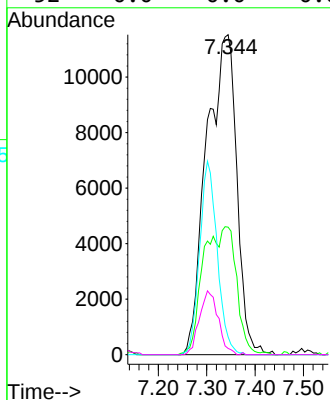
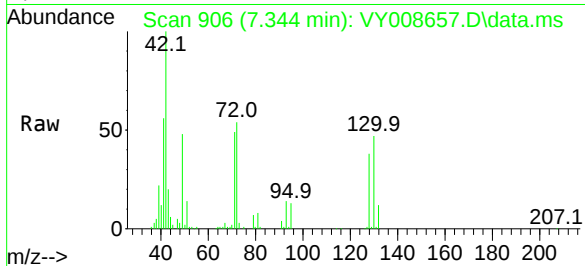




#41
Methacrylonitrile
Concen: 47.888 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

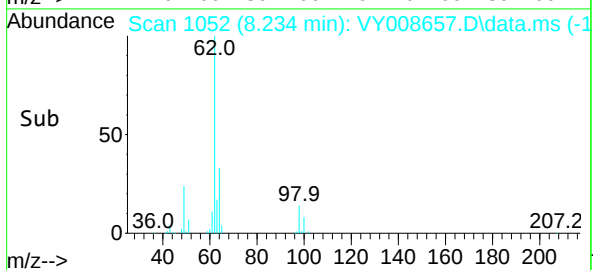
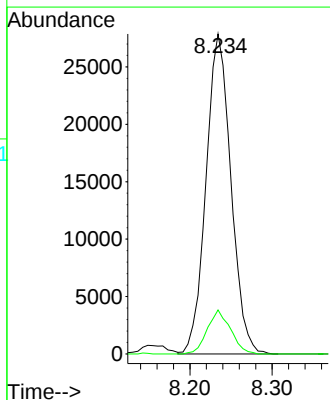
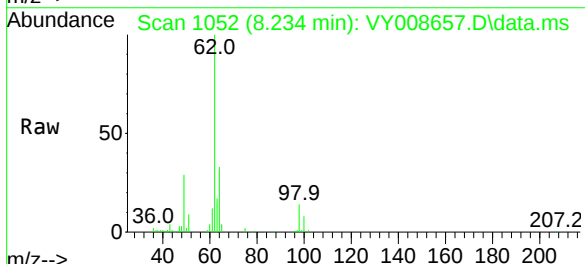
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

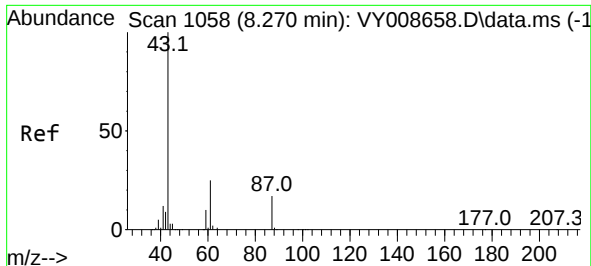
Tgt Ion: 41 Resp: 49824
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 18.167 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 62 Resp: 58756
Ion Ratio Lower Upper
62 100
98 12.8 0.0 14.8

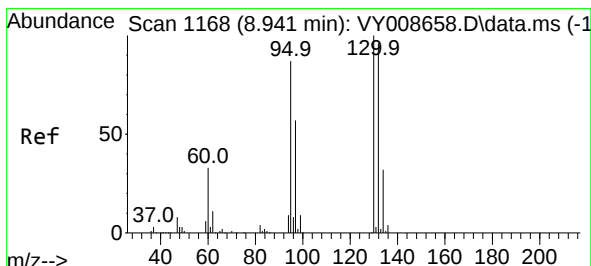
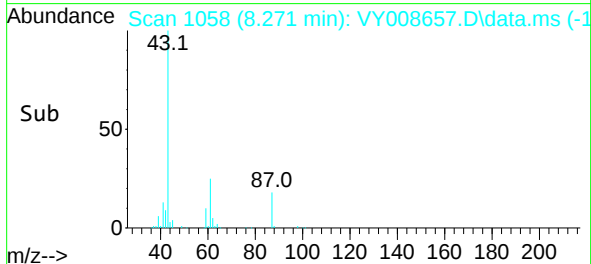
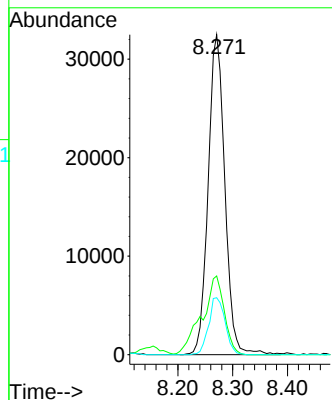
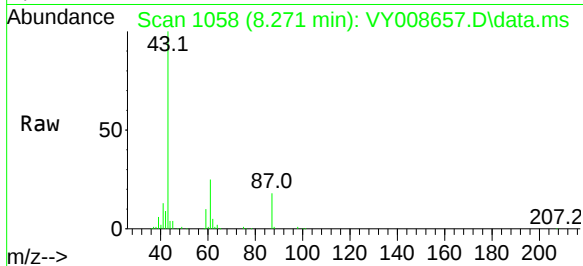




#43
Isopropyl Acetate
Concen: 18.072 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

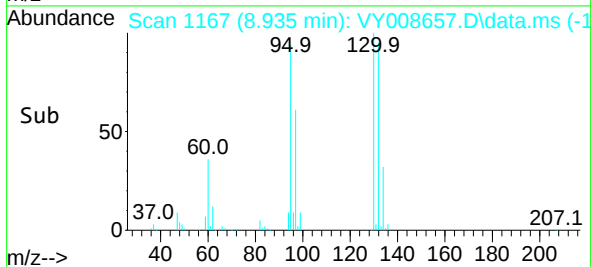
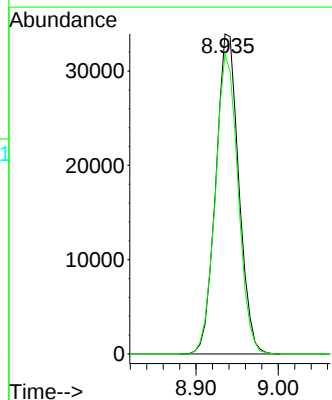
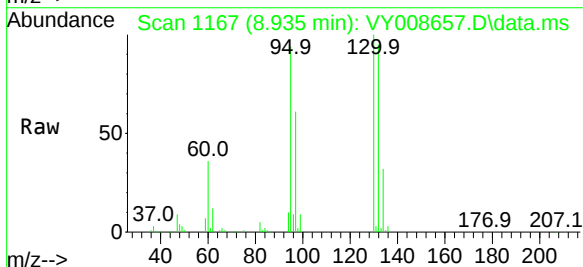
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

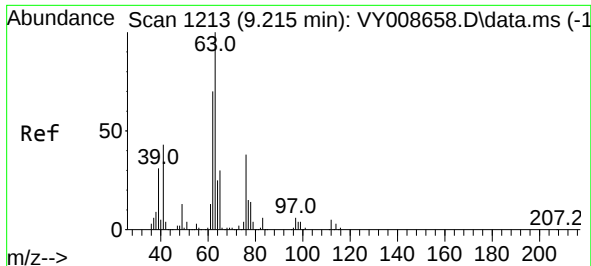
Tgt Ion: 43 Resp: 68571
Ion Ratio Lower Upper
43 100
61 33.0 20.2 30.2#
87 17.6 8.9 13.3#



#44
Trichloroethene
Concen: 20.249 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion:130 Resp: 65843
Ion Ratio Lower Upper
130 100
95 93.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.720 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

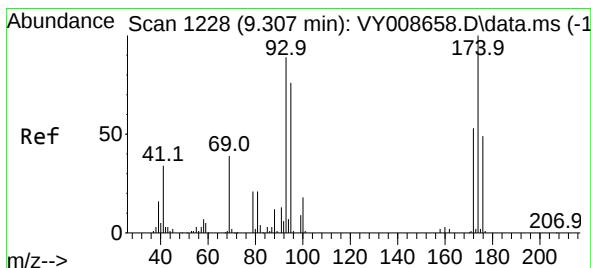
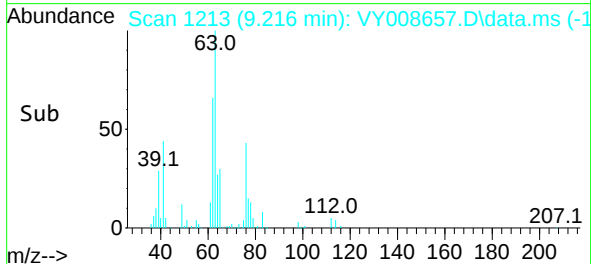
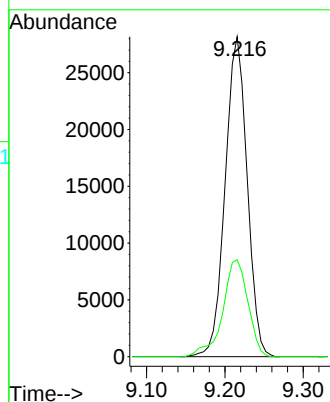
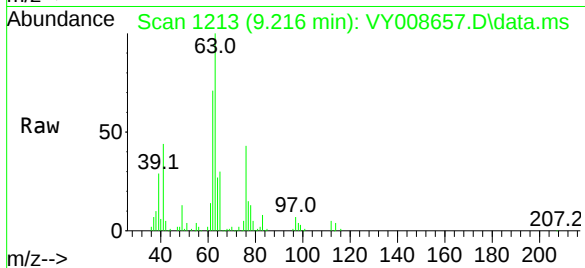
VSTDICC020

Tgt Ion: 63 Resp: 54974

Ion Ratio Lower Upper

63 100

65 30.3 23.0 34.6



#46

Dibromomethane

Concen: 17.812 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

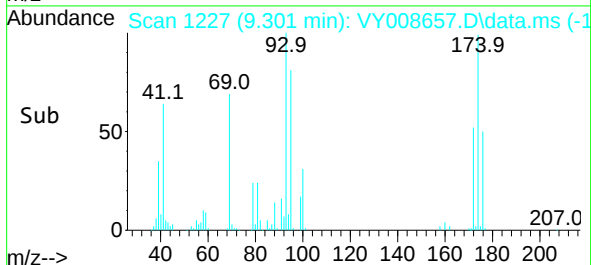
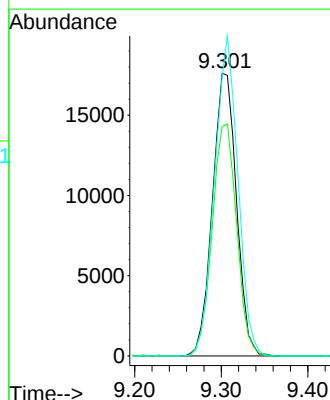
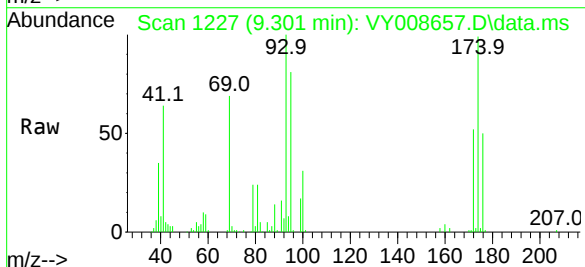
Tgt Ion: 93 Resp: 33868

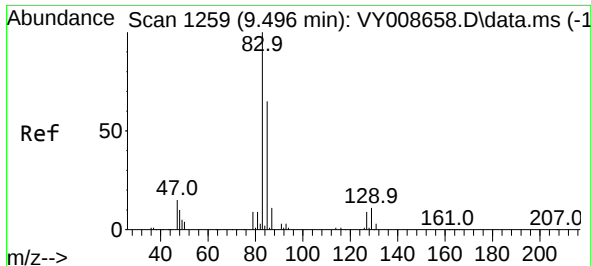
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

174 110.1 83.4 125.0

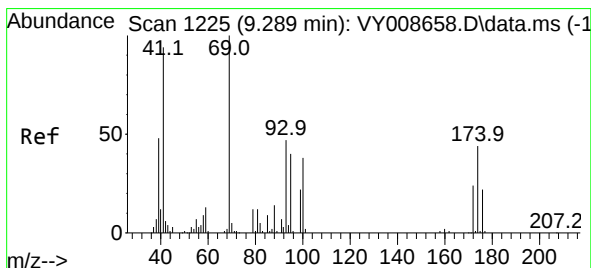
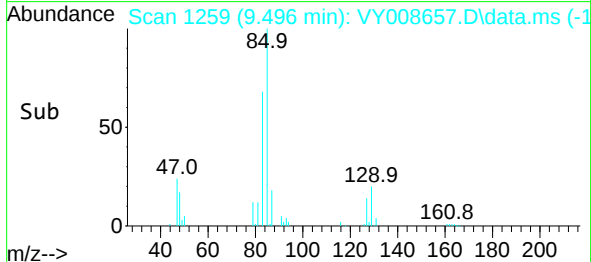
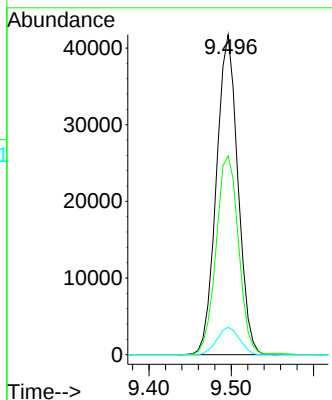
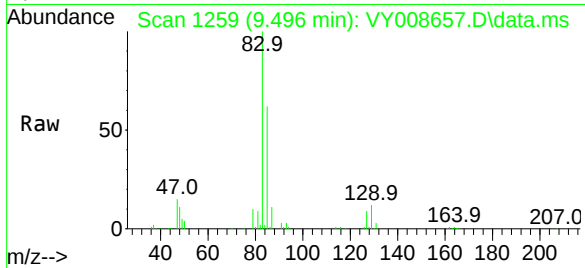




#47
Bromodichloromethane
Concen: 18.591 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

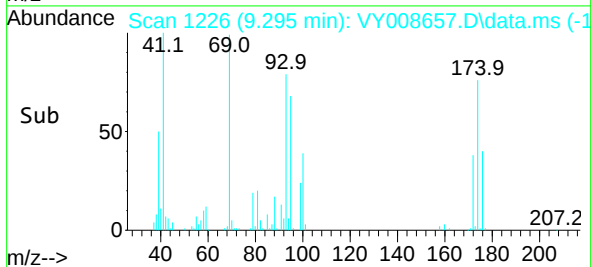
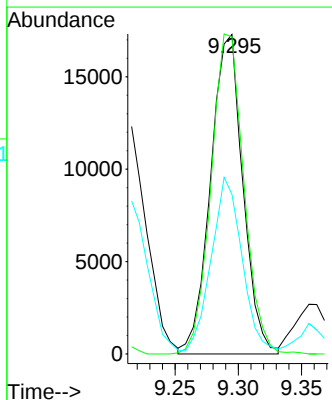
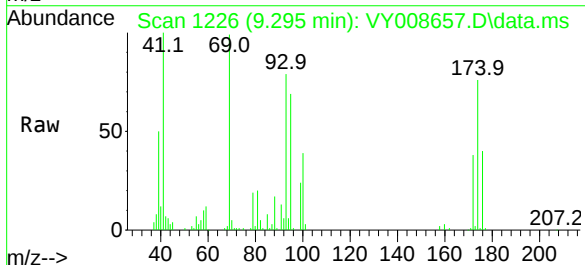
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

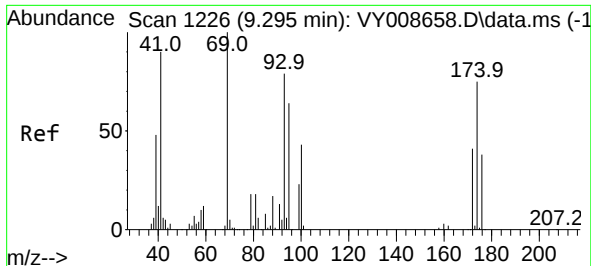
Tgt Ion: 83 Resp: 75879
Ion Ratio Lower Upper
83 100
85 62.1 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 17.795 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 41 Resp: 30701
Ion Ratio Lower Upper
41 100
69 101.5 58.2 87.2#
39 51.6 47.4 71.0





#49

1,4-Dioxane

Concen: 379.201 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

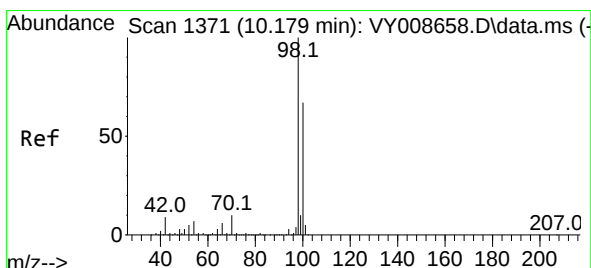
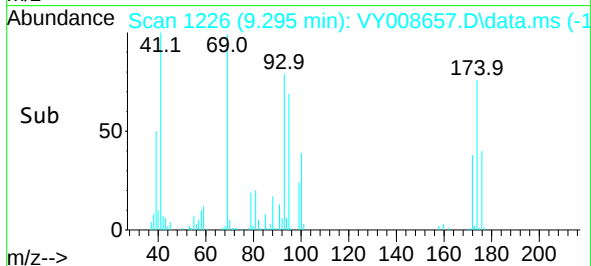
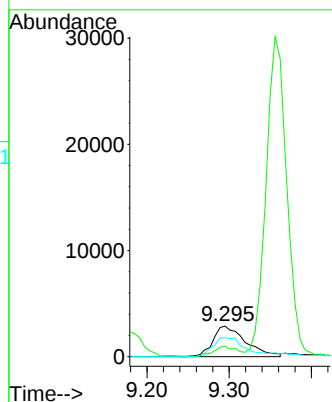
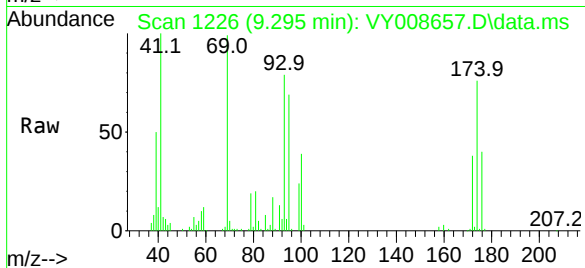
Tgt Ion: 88 Resp: 7930

Ion Ratio Lower Upper

88 100

43 25.3 32.8 49.2#

58 61.3 59.8 89.6



#50

Toluene-d8

Concen: 17.429 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008657.D

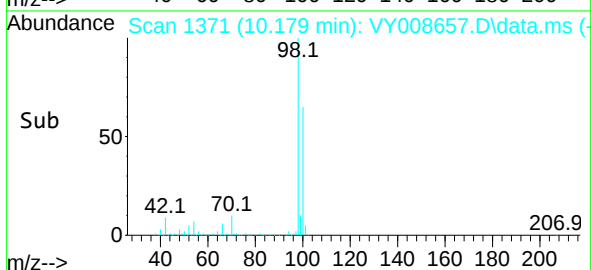
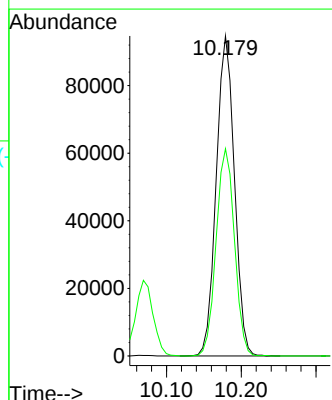
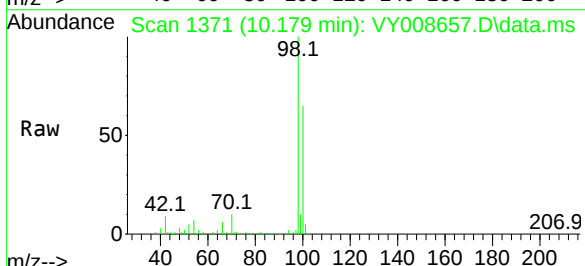
Acq: 09 May 2022 10:47

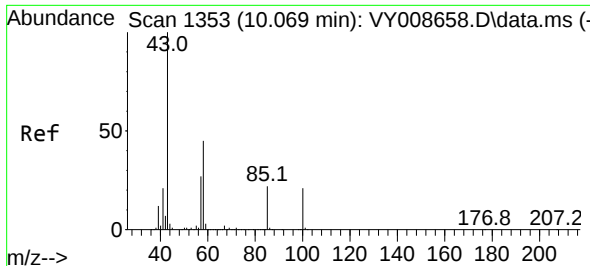
Tgt Ion: 98 Resp: 160366

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

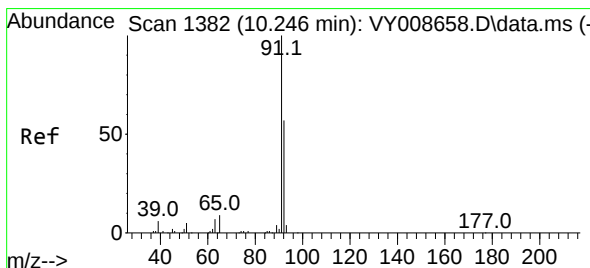
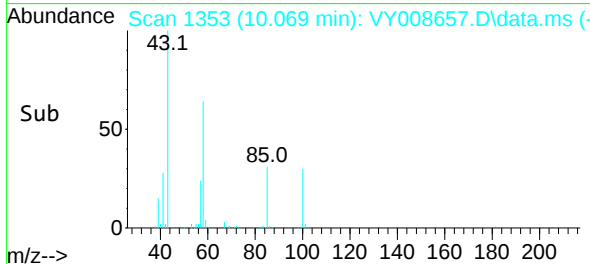
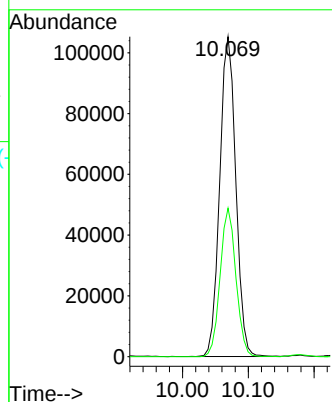
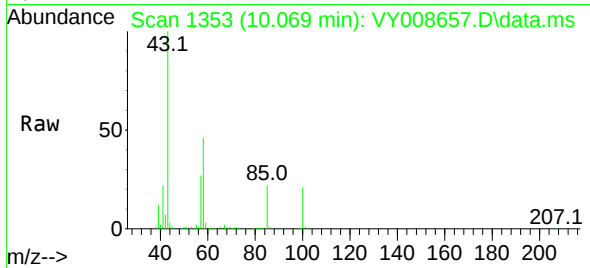




#51
4-Methyl-2-Pentanone
Concen: 85.922 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

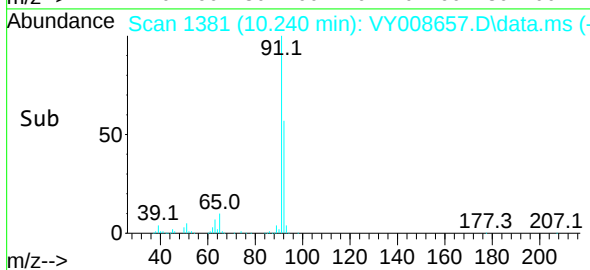
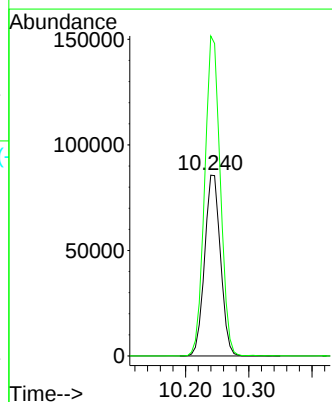
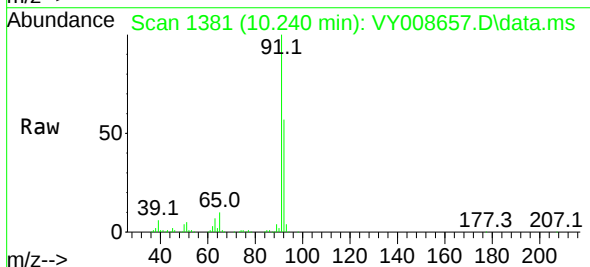
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

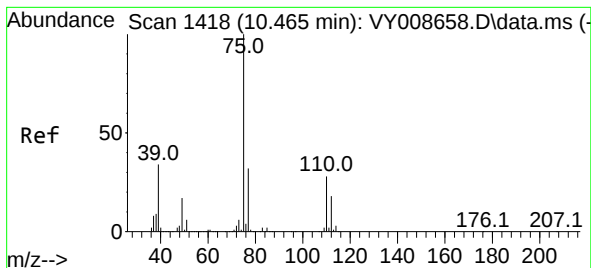
Tgt Ion: 43 Resp: 179133
Ion Ratio Lower Upper
43 100
58 45.6 28.1 42.1#



#52
Toluene
Concen: 19.382 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 92 Resp: 149753
Ion Ratio Lower Upper
92 100
91 174.0 142.6 213.8

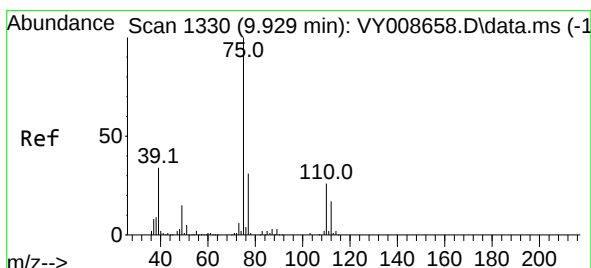
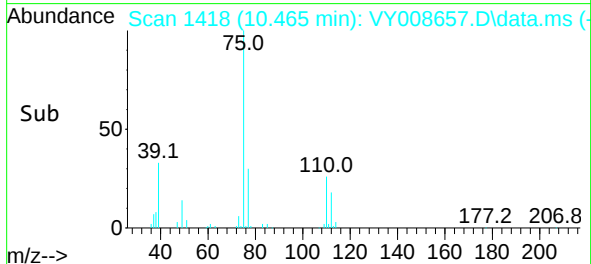
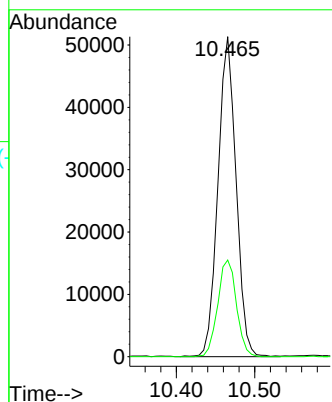
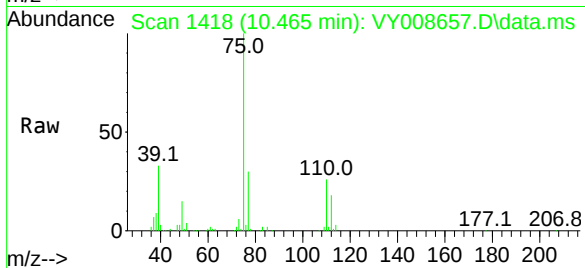




#53
 t-1,3-Dichloropropene
 Concen: 17.492 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

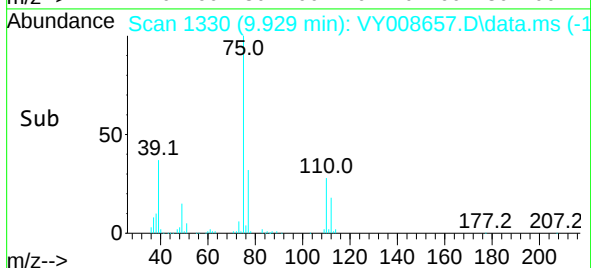
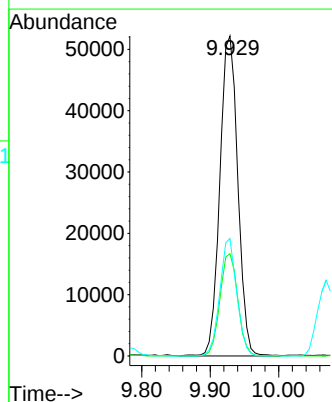
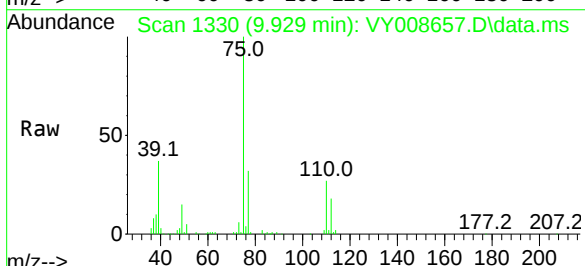
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

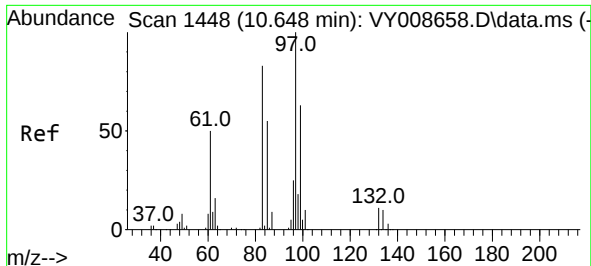
Tgt Ion: 75 Resp: 82655
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.370 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

Tgt Ion: 75 Resp: 94721
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 36.7 47.6 71.4#

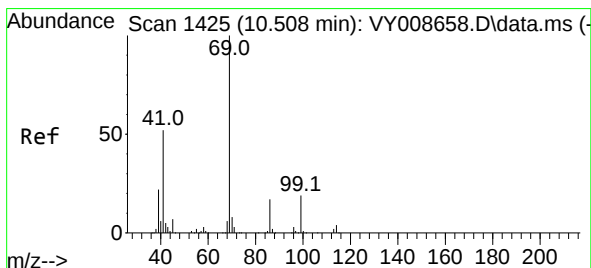
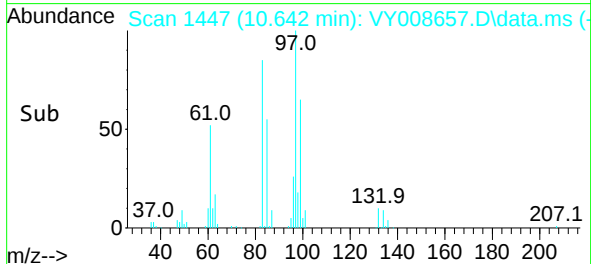
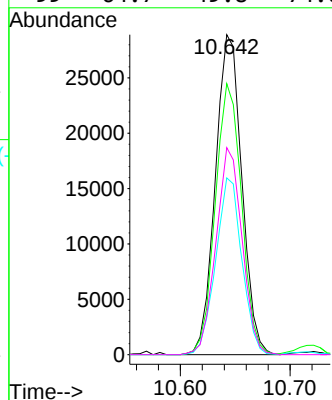
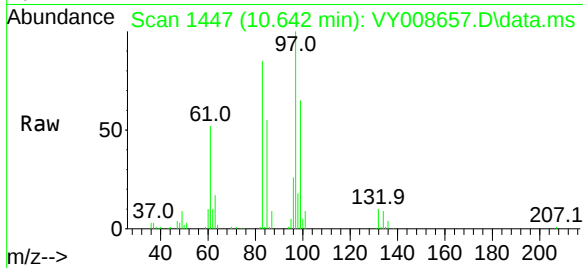




#55
1,1,2-Trichloroethane
Concen: 17.669 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

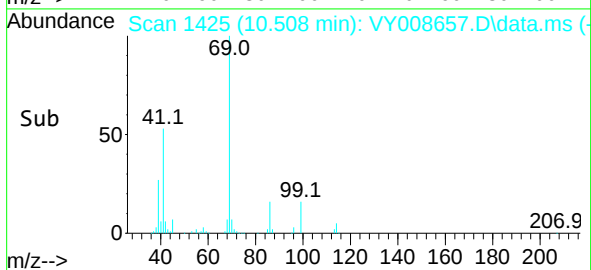
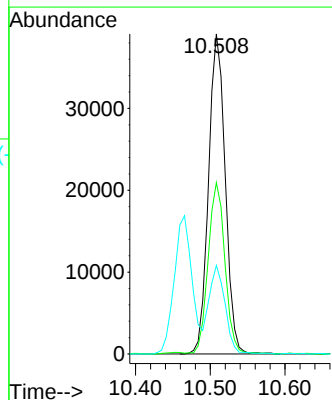
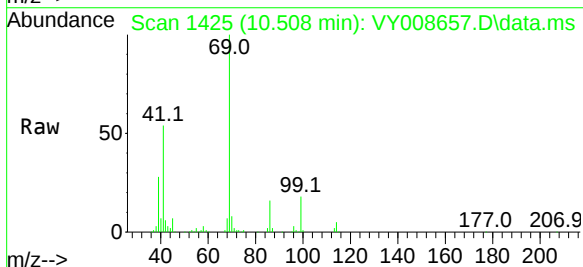
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

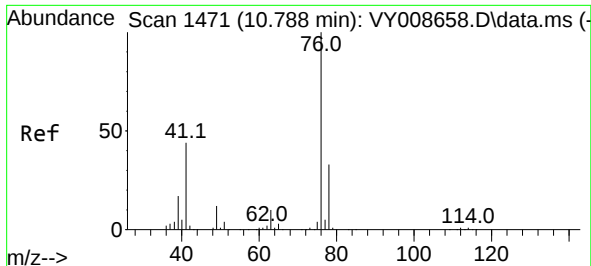
Tgt Ion: 97	Resp: 48589
Ion Ratio	Lower Upper
97 100	
83 84.7	69.8 104.8
85 55.3	44.3 66.5
99 64.7	49.8 74.6



#56
Ethyl methacrylate
Concen: 17.211 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 69	Resp: 60688
Ion Ratio	Lower Upper
69 100	
41 54.0	63.4 95.0#
39 26.6	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 18.166 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

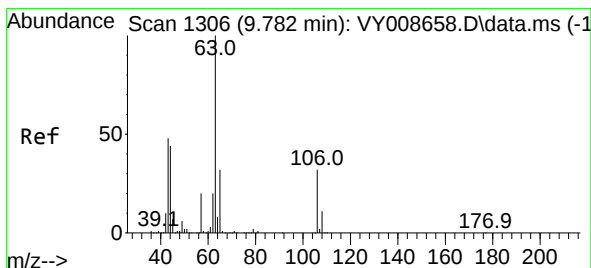
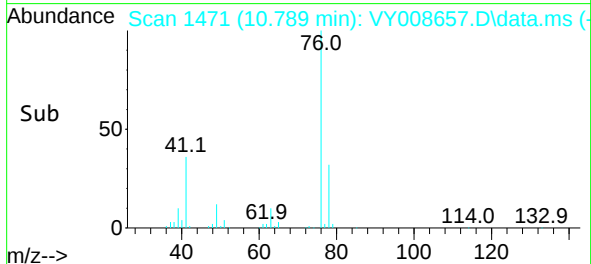
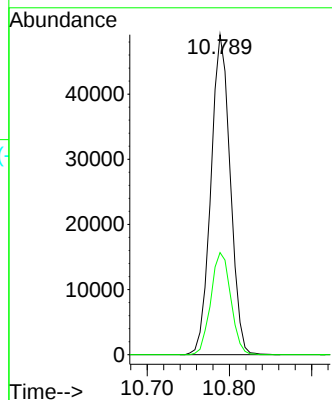
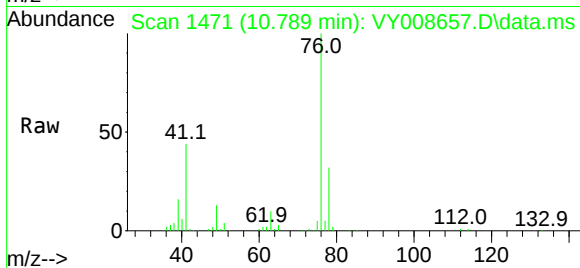
VSTDIC020

Tgt Ion: 76 Resp: 80265

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.433 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008657.D

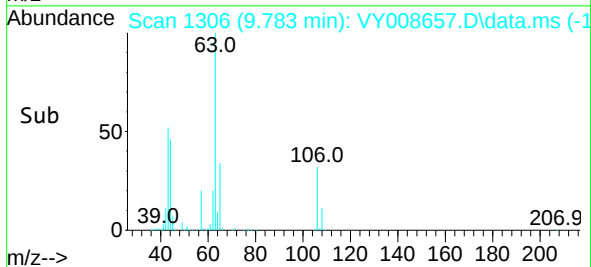
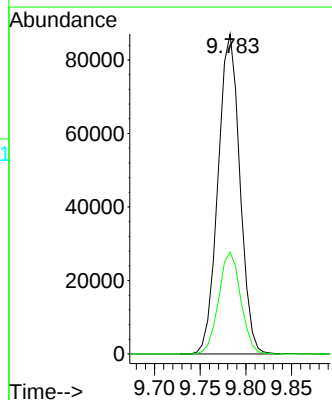
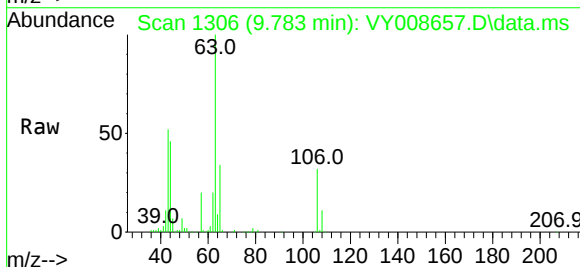
Acq: 09 May 2022 10:47

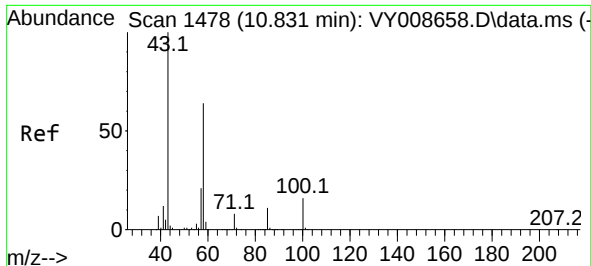
Tgt Ion: 63 Resp: 144774

Ion Ratio Lower Upper

63 100

106 32.1 21.5 32.3





#59

2-Hexanone

Concen: 83.255 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

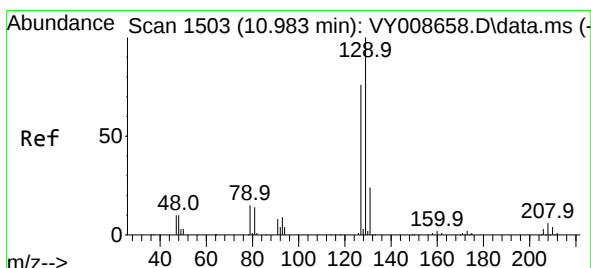
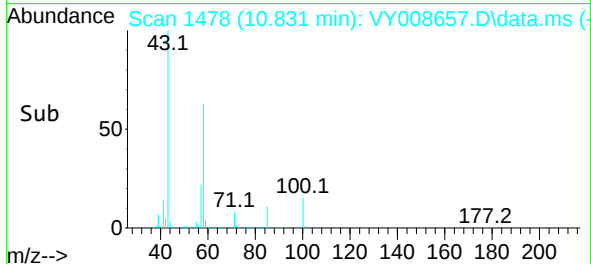
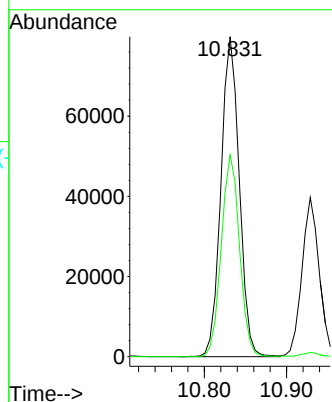
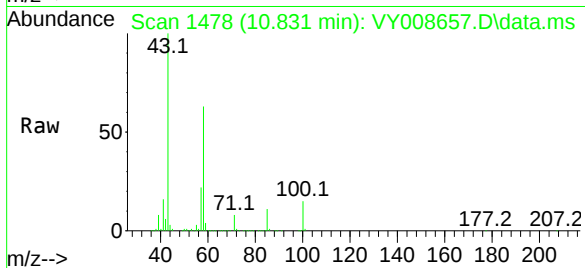
VSTDIC020

Tgt Ion: 43 Resp: 123571

Ion Ratio Lower Upper

43 100

58 62.9 24.4 73.4



#60

Dibromochloromethane

Concen: 18.170 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY008657.D

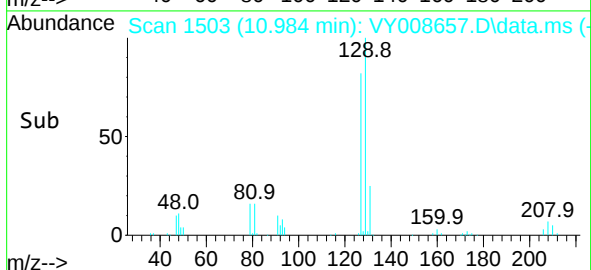
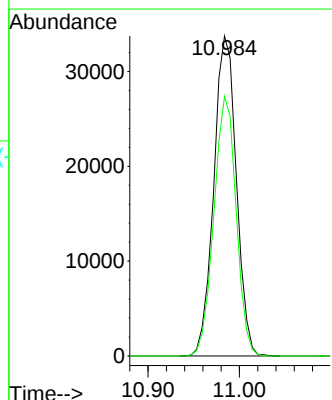
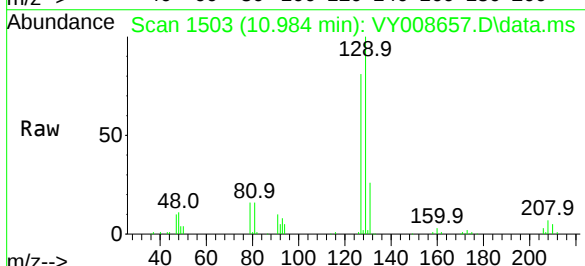
Acq: 09 May 2022 10:47

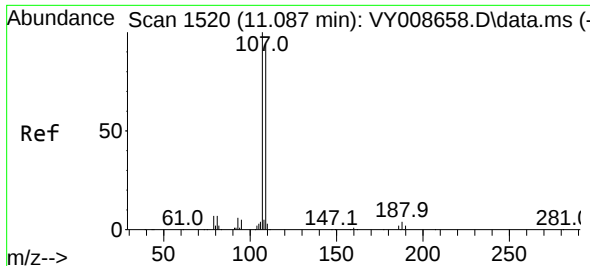
Tgt Ion: 129 Resp: 57893

Ion Ratio Lower Upper

129 100

127 80.0 38.7 116.1

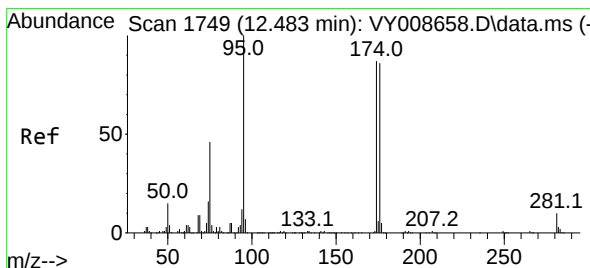
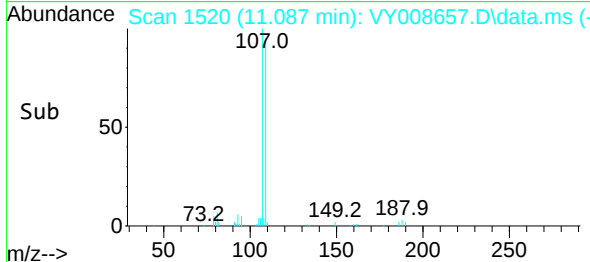
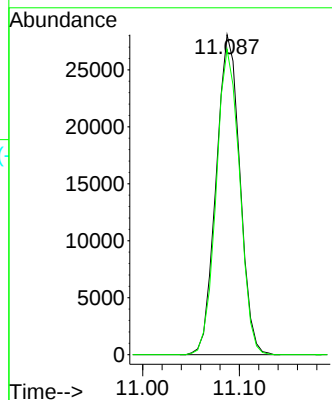
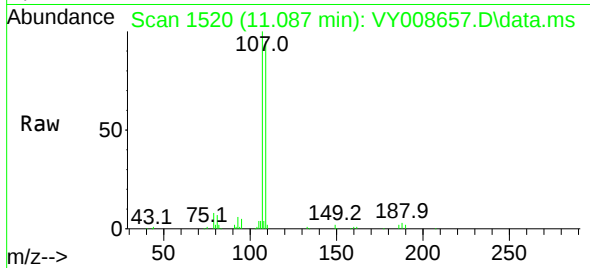




#61
1,2-Dibromoethane
Concen: 18.345 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

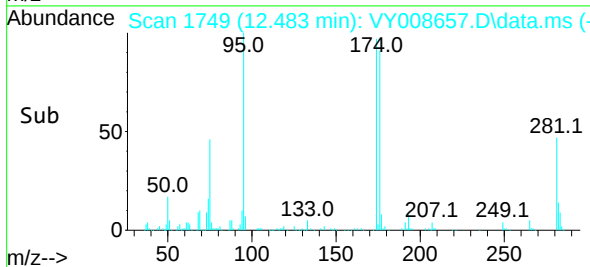
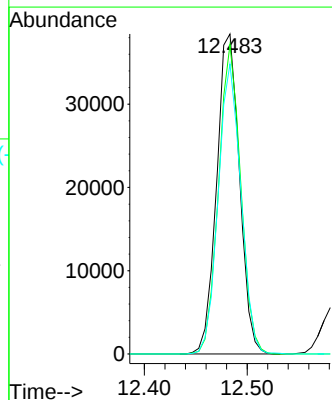
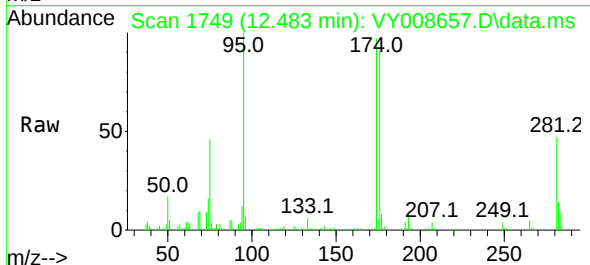
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

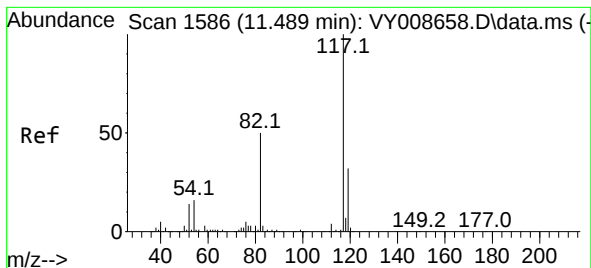
Tgt Ion:107 Resp: 47850
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 17.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 95 Resp: 59358
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 89.6 0.0 175.8

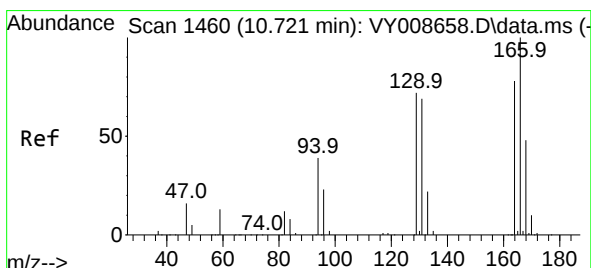
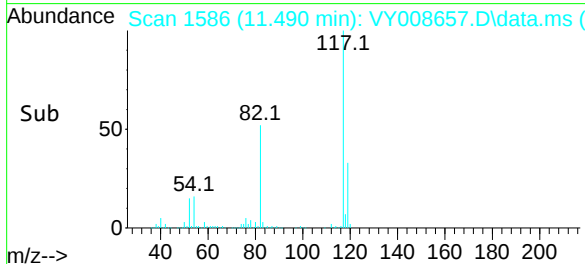
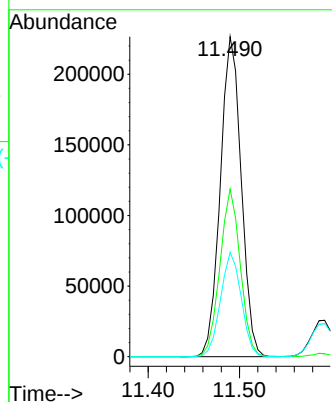
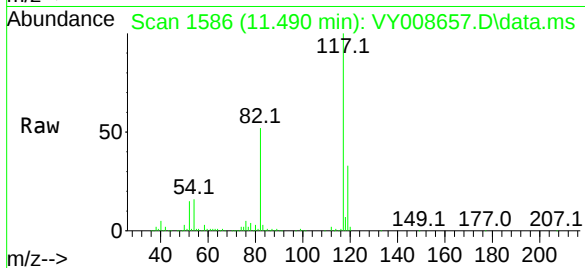




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

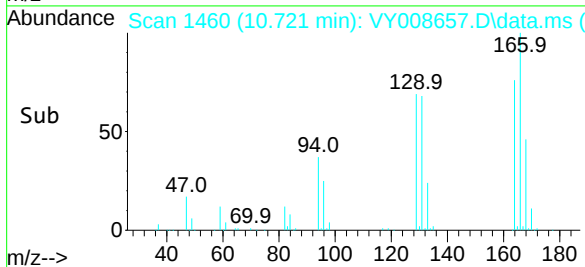
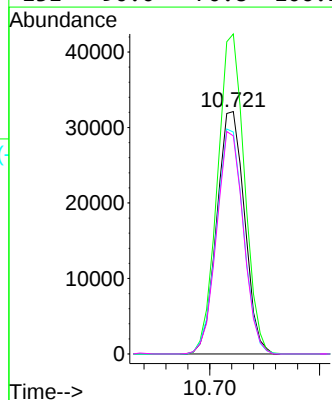
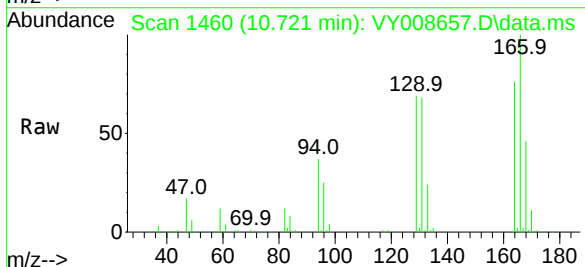
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

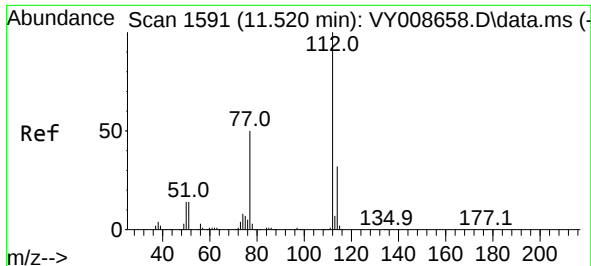
Tgt Ion:117 Resp: 360532
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 20.416 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion:164 Resp: 56270
Ion Ratio Lower Upper
164 100
166 132.0 100.4 150.6
129 91.6 71.4 107.0
131 90.0 70.8 106.2

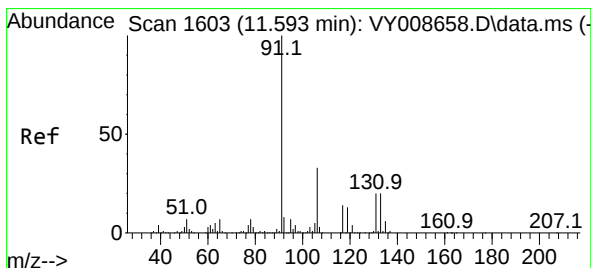
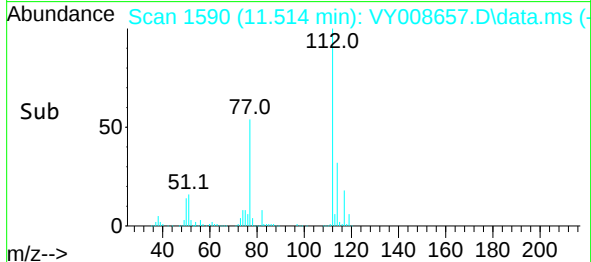
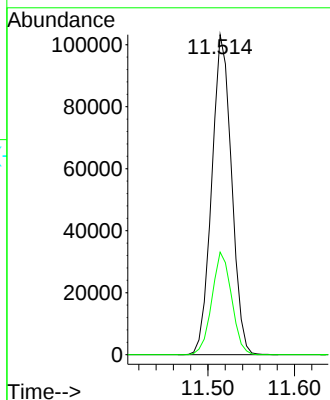
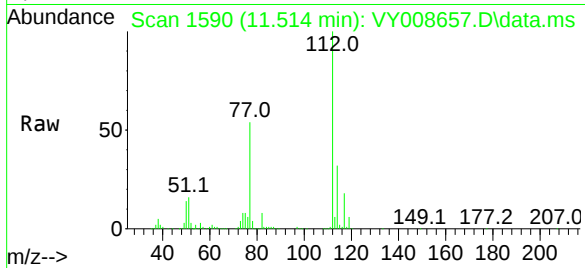




#65
Chlorobenzene
Concen: 20.240 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

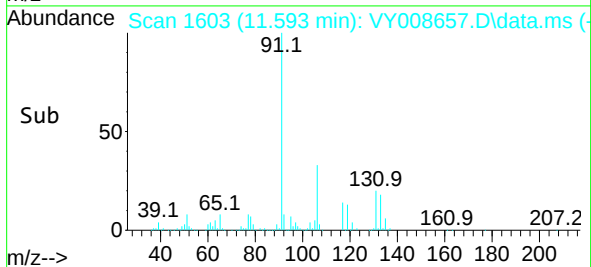
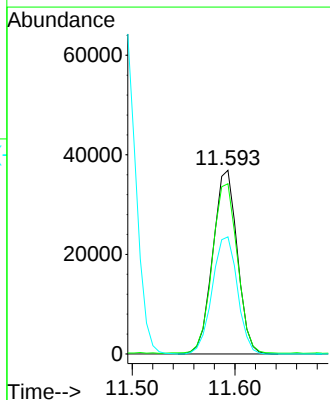
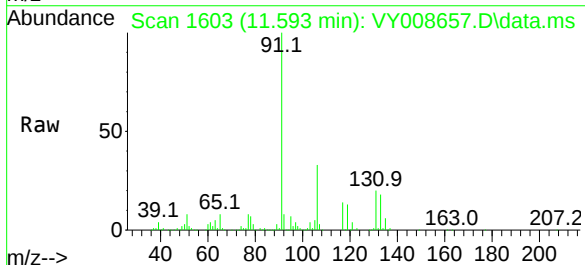
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

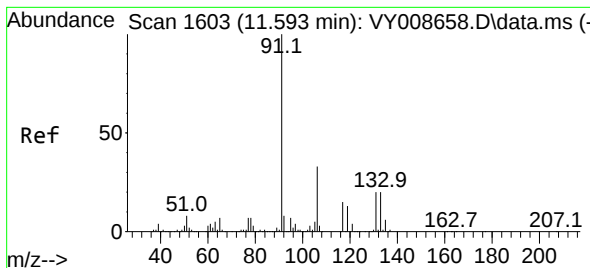
Tgt Ion:112 Resp: 163911
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.547 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion:131 Resp: 60899
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 65.7 30.8 92.3





#67

Ethyl Benzene

Concen: 19.826 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

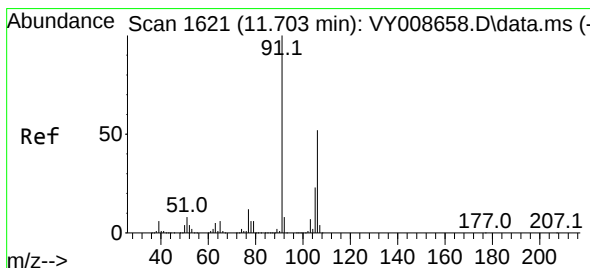
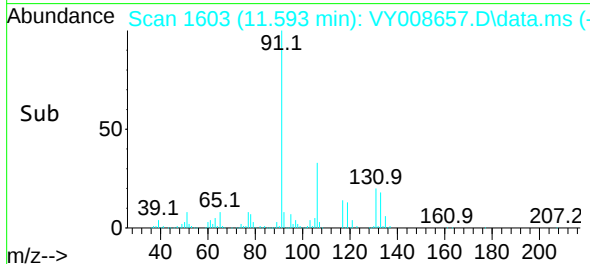
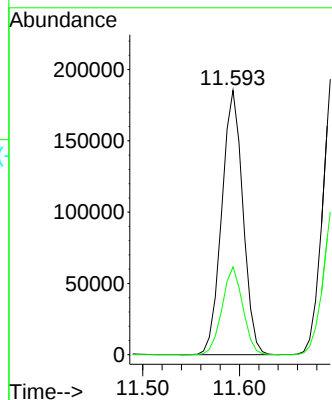
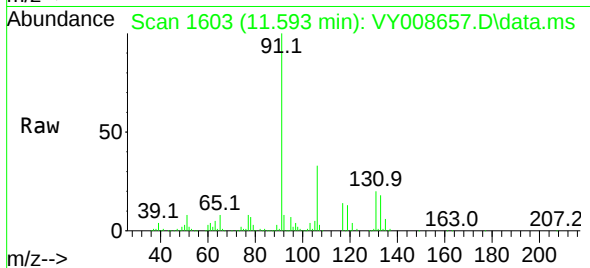
VSTDIC020

Tgt Ion: 91 Resp: 281365

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#68

m/p-Xylenes

Concen: 36.469 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008657.D

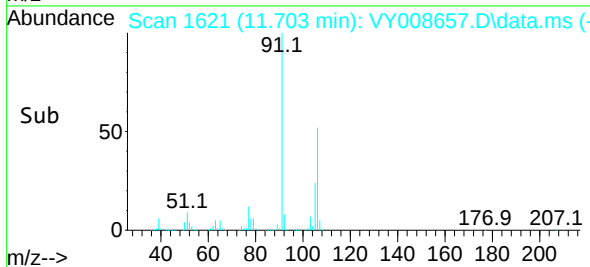
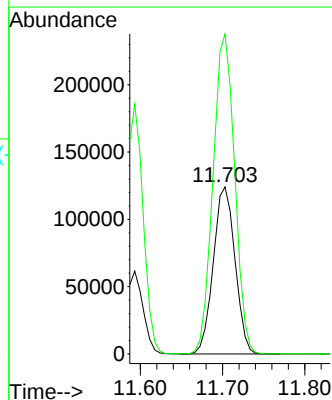
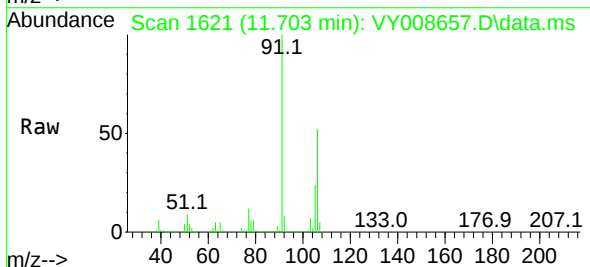
Acq: 09 May 2022 10:47

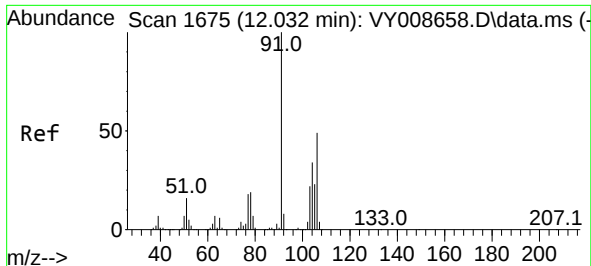
Tgt Ion:106 Resp: 227379

Ion Ratio Lower Upper

106 100

91 191.5 166.6 249.8

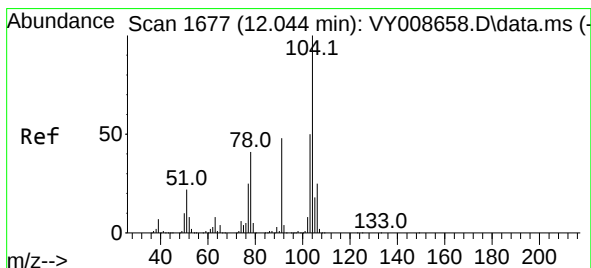
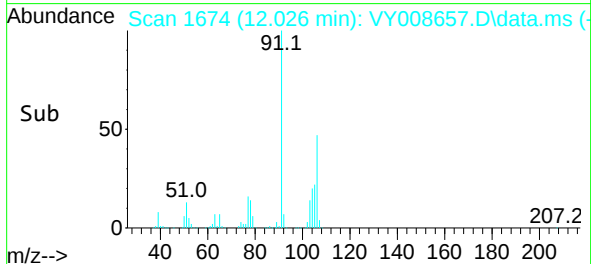
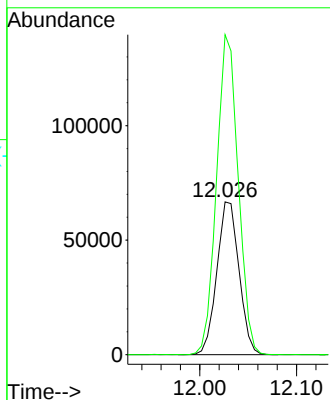
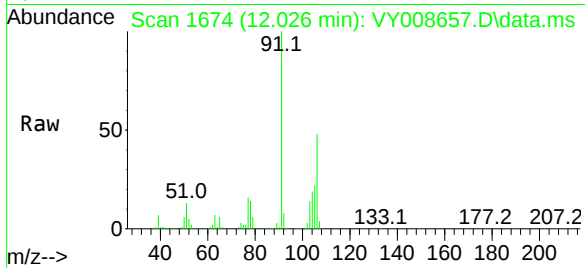




#69
o-Xylene
Concen: 17.290 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

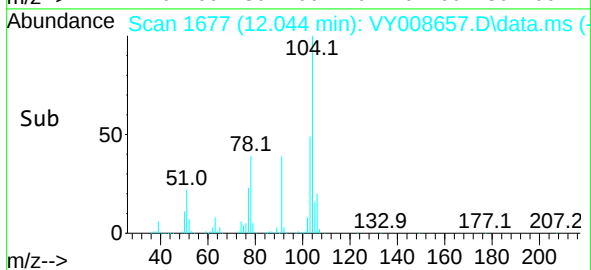
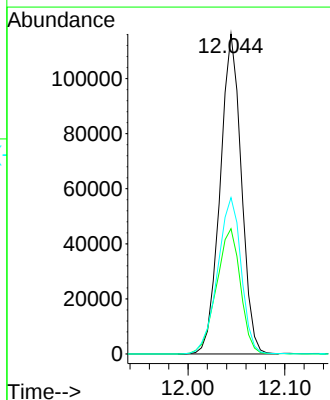
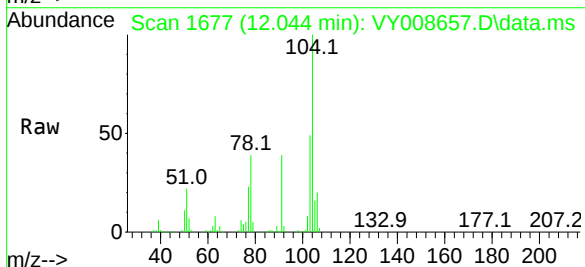
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

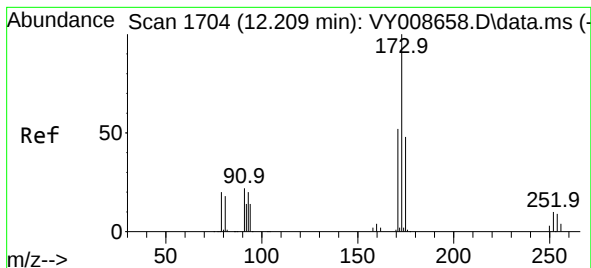
Tgt Ion:106 Resp: 106083
Ion Ratio Lower Upper
106 100
91 204.8 110.3 331.0



#70
Styrene
Concen: 16.954 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion:104 Resp: 176979
Ion Ratio Lower Upper
104 100
78 44.3 42.4 63.6
103 54.2 44.4 66.6





#71

Bromoform

Concen: 17.620 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

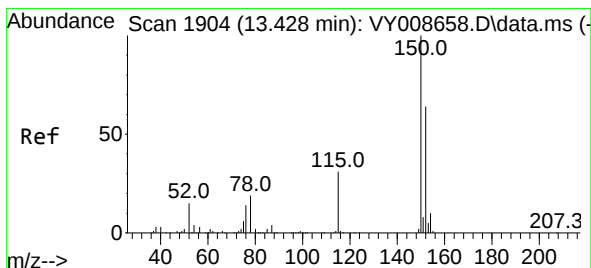
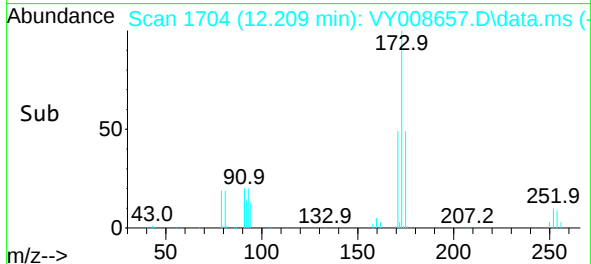
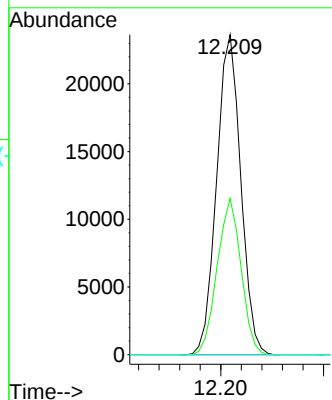
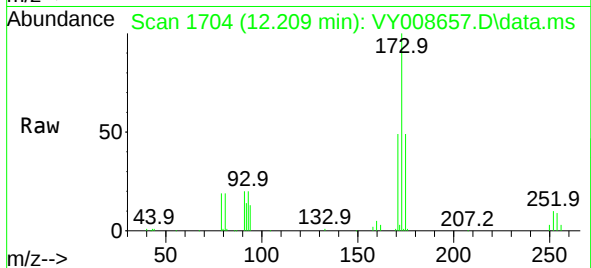
Tgt Ion:173 Resp: 38425

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

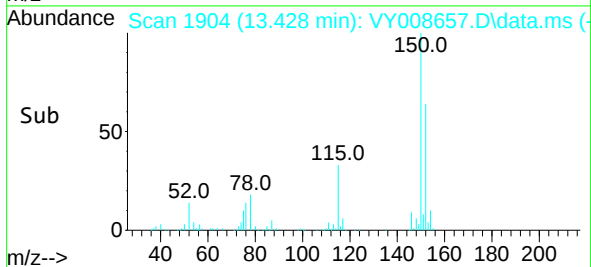
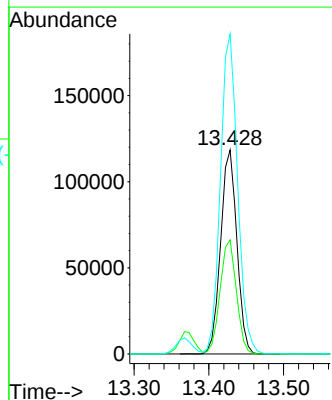
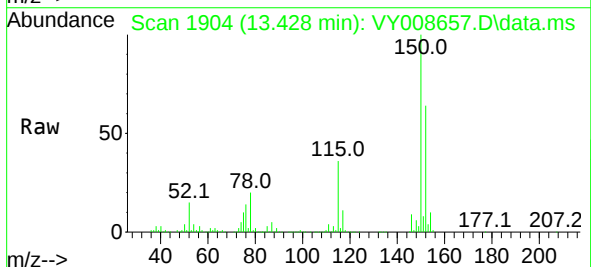
Tgt Ion:152 Resp: 179333

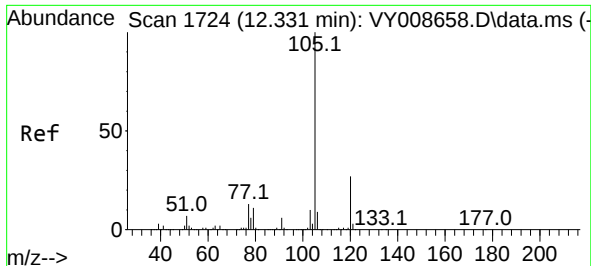
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 165.2 0.0 347.6

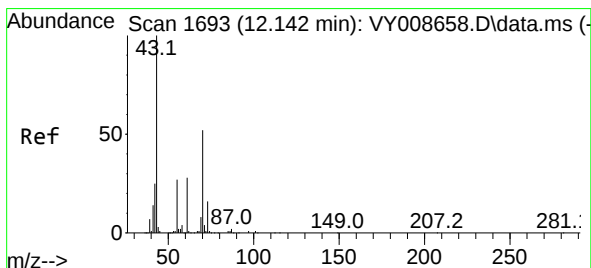
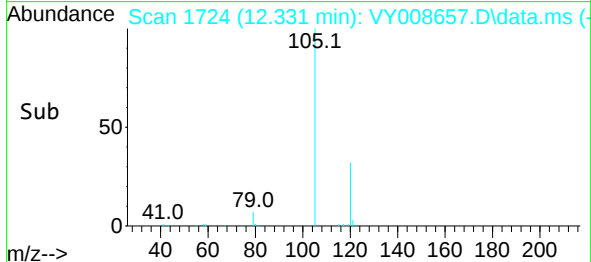
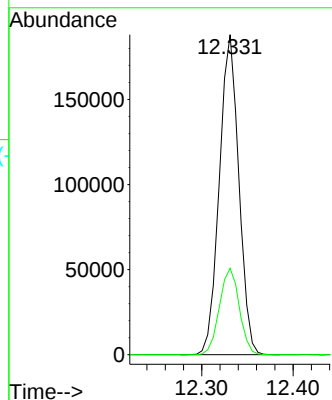
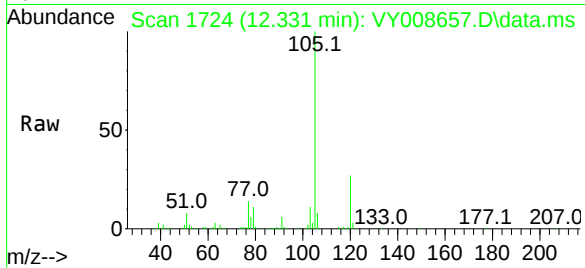




#73
Isopropylbenzene
Concen: 18.322 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

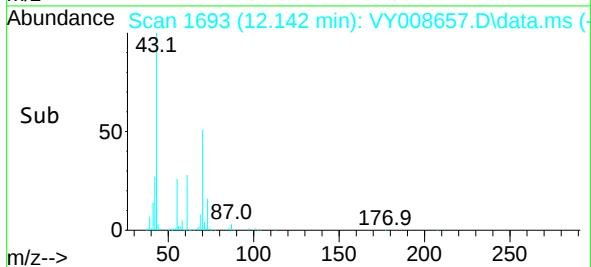
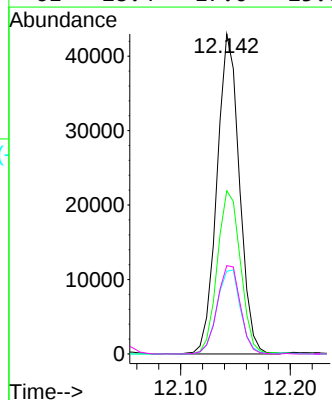
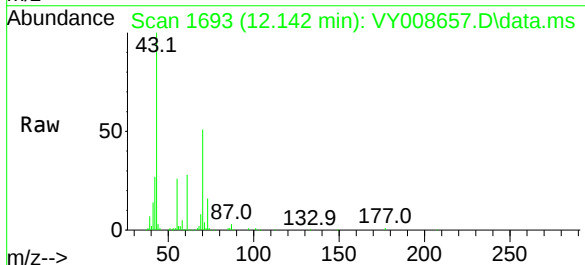
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

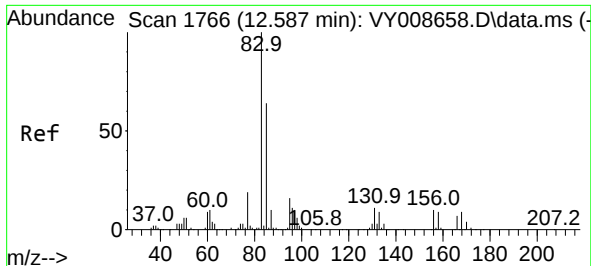
Tgt Ion:105 Resp: 278622
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 16.090 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 43 Resp: 61337
Ion Ratio Lower Upper
43 100
70 52.6 28.7 43.1#
55 27.5 17.3 25.9#
61 28.4 17.0 25.6#

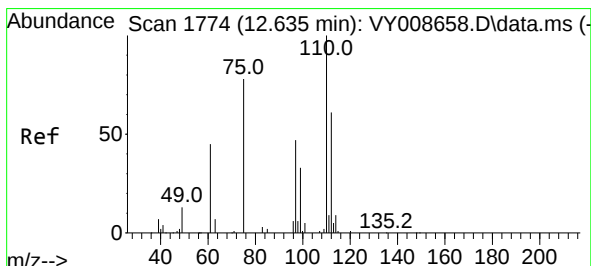
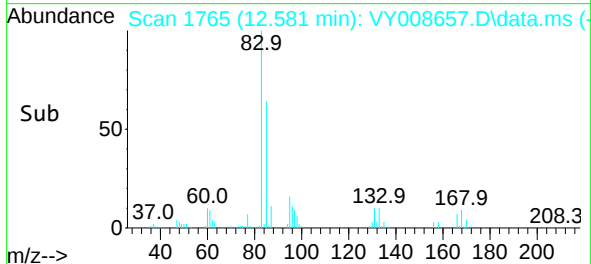
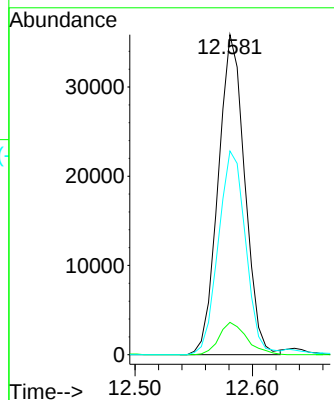
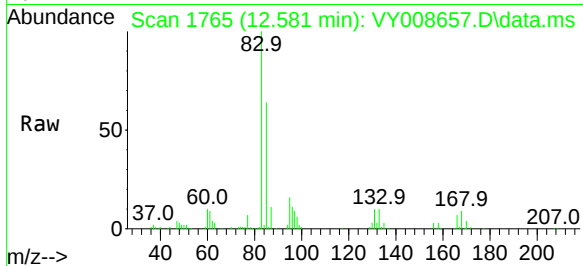




#75
1,1,2-Tetrachloroethane
Concen: 18.034 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

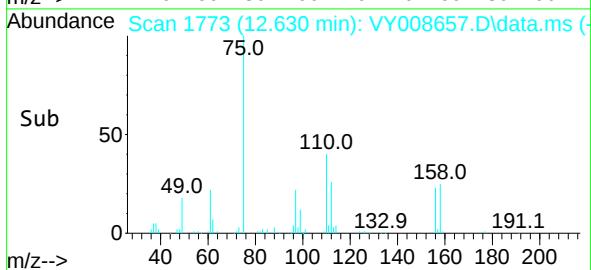
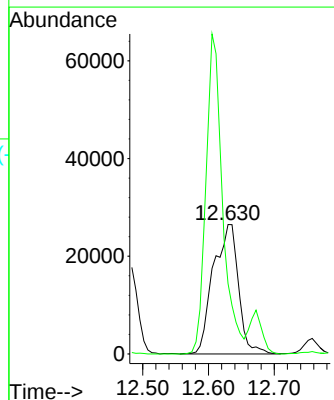
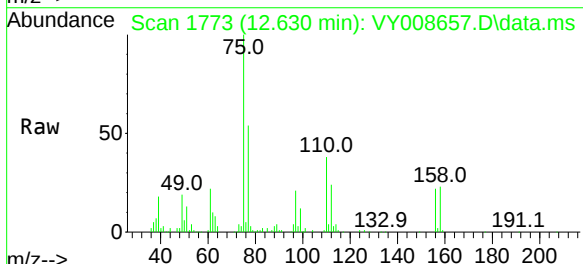
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

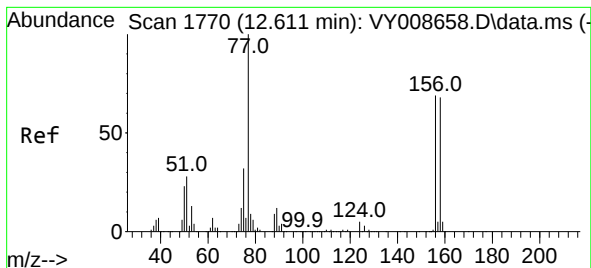
Tgt Ion: 83 Resp: 56337
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 34.673 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 75 Resp: 70817
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.230 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

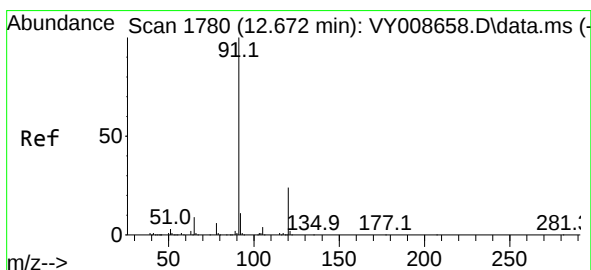
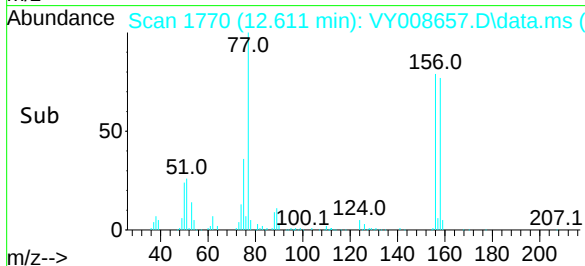
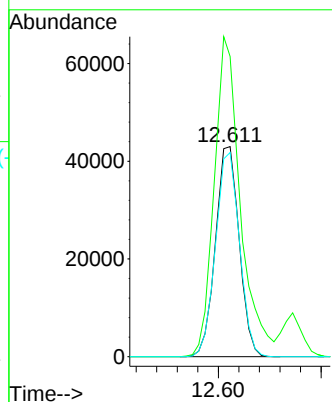
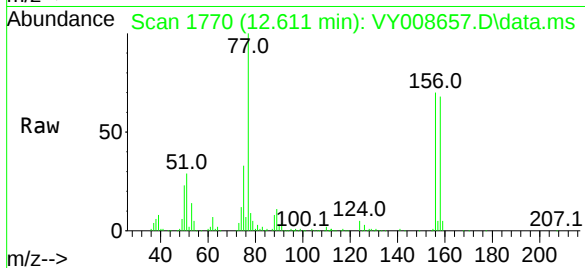
Tgt Ion:156 Resp: 68662

Ion Ratio Lower Upper

156 100

77 168.1 95.5 286.4

158 98.3 48.0 144.0



#78

n-propylbenzene

Concen: 20.579 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008657.D

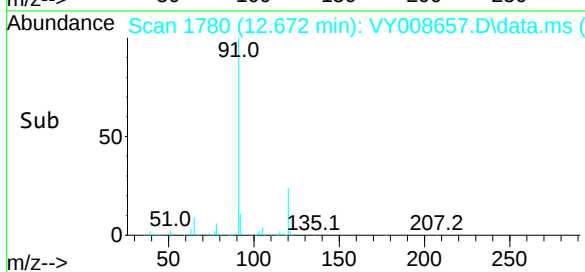
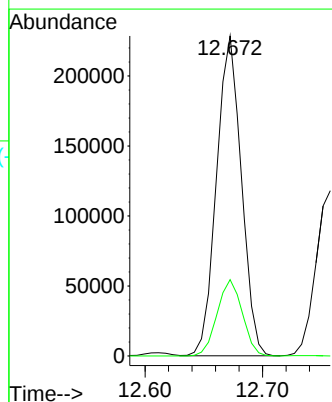
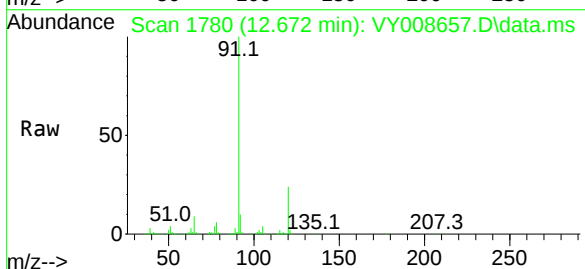
Acq: 09 May 2022 10:47

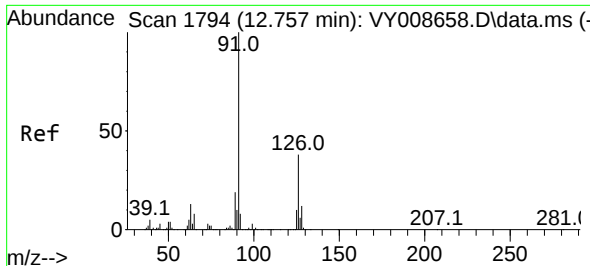
Tgt Ion: 91 Resp: 336401

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

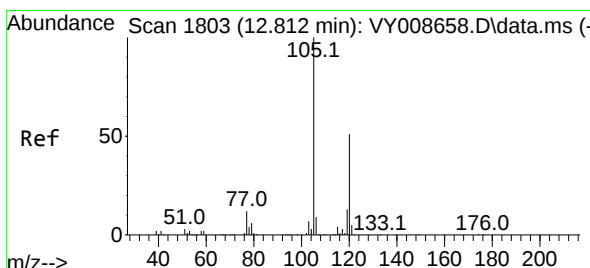
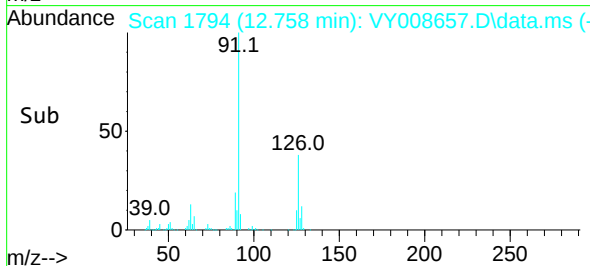
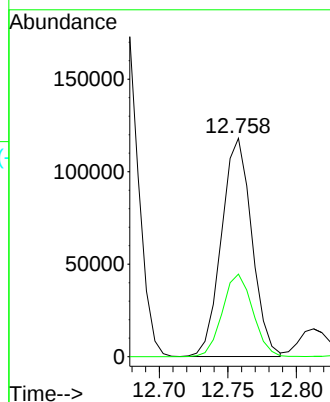
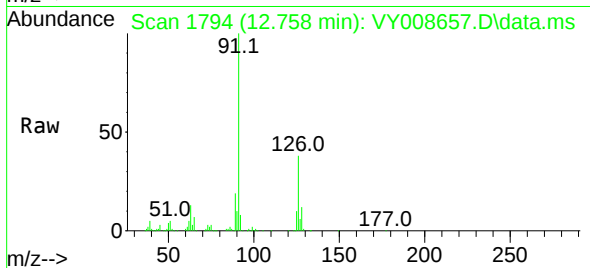




#79
2-Chlorotoluene
Concen: 20.731 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

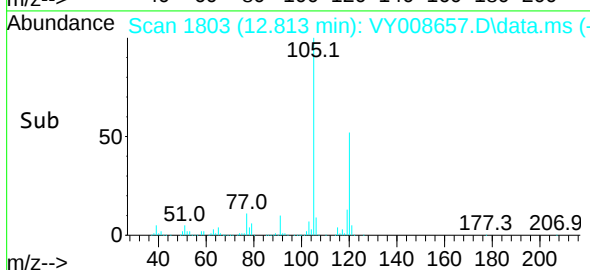
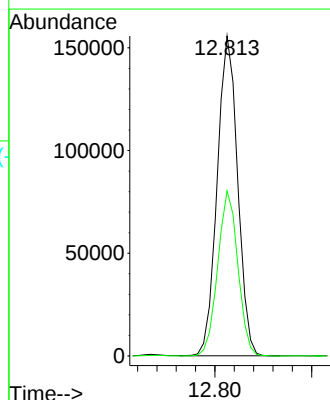
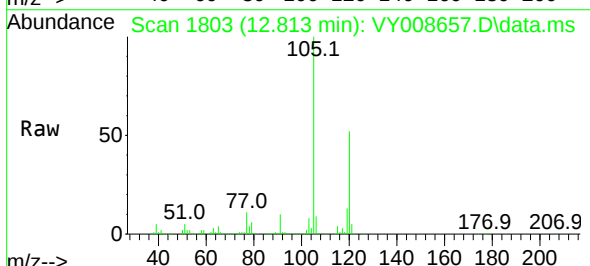
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

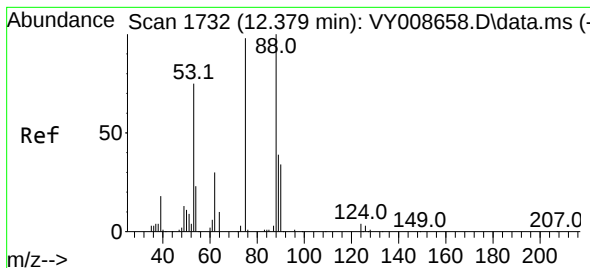
Tgt Ion: 91 Resp: 181949
Ion Ratio Lower Upper
91 100
126 37.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 21.120 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 105 Resp: 228116
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4

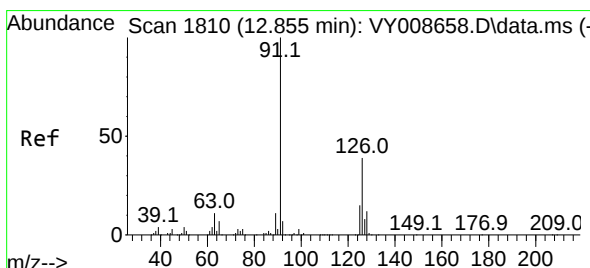
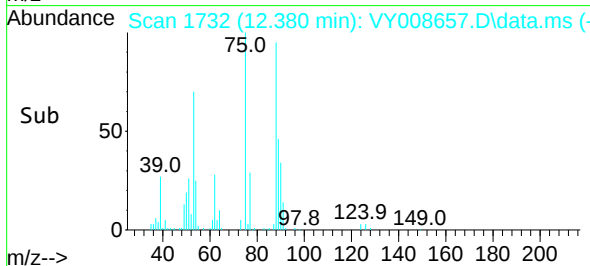
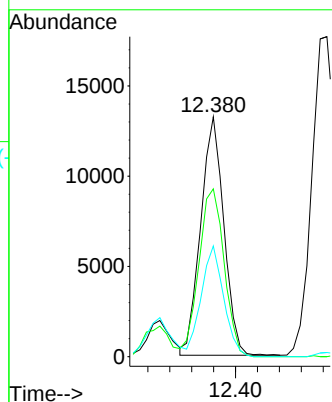
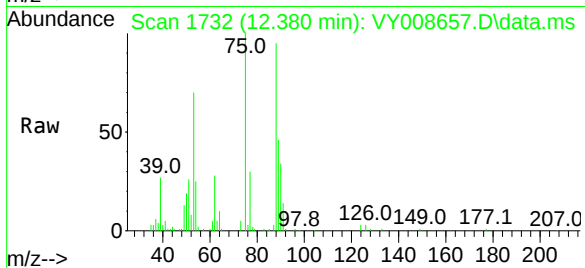




#81
trans-1,4-Dichloro-2-butene
Concen: 17.628 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

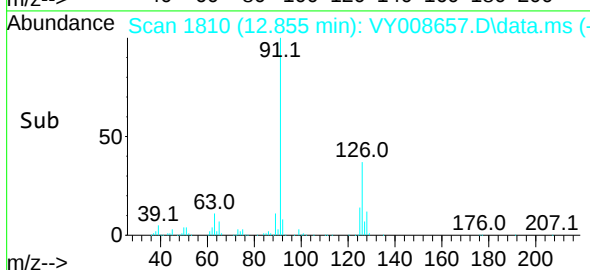
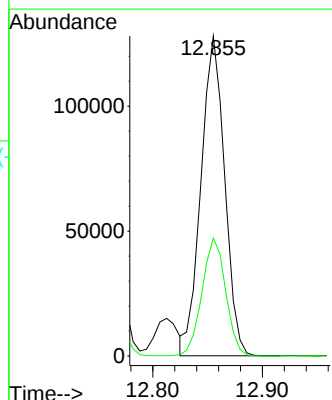
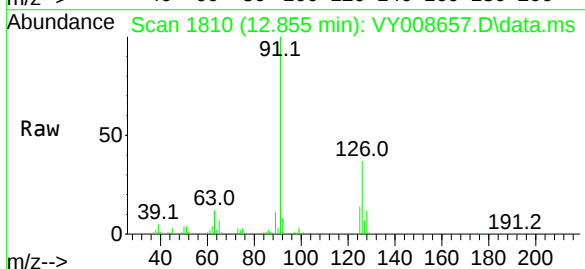
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

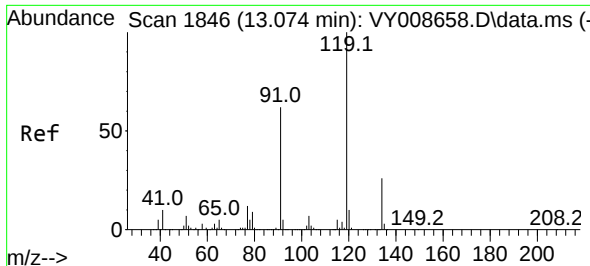
Tgt Ion: 75 Resp: 19370
Ion Ratio Lower Upper
75 100
53 76.9 85.3 127.9#
89 45.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.895 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion: 91 Resp: 191711
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0

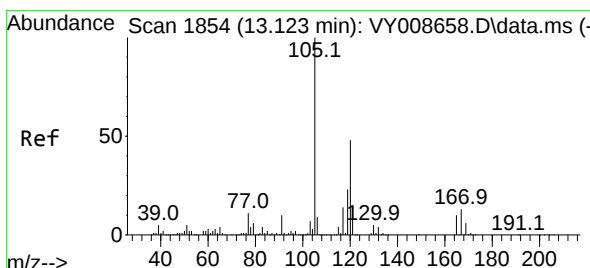
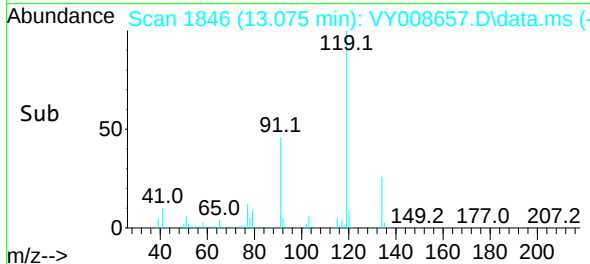
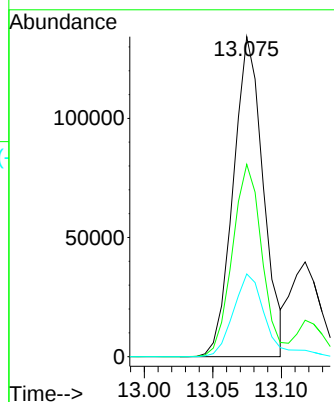
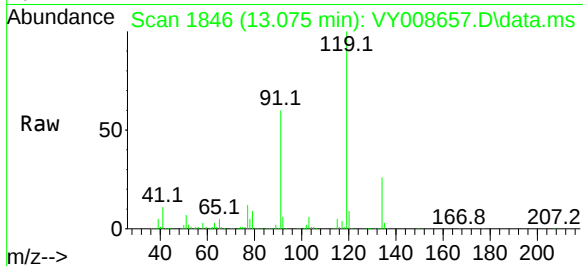




#83
 tert-Butylbenzene
 Concen: 20.612 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

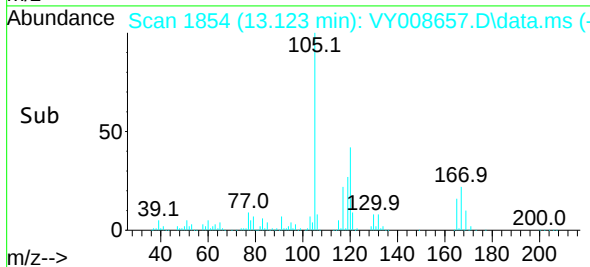
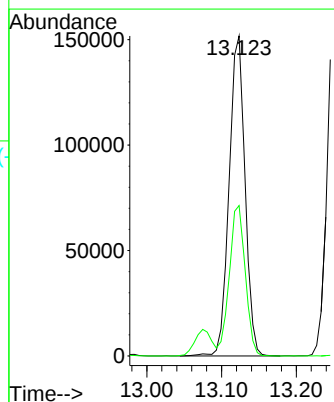
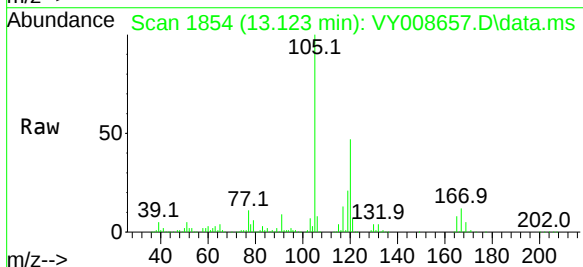
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

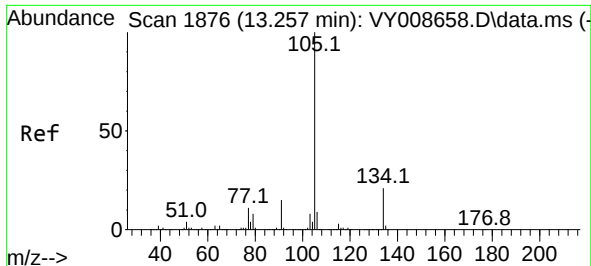
Tgt Ion:119 Resp: 204373
 Ion Ratio Lower Upper
 119 100
 91 59.9 34.8 104.4
 134 27.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.552 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

Tgt Ion:105 Resp: 225173
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.3 66.9

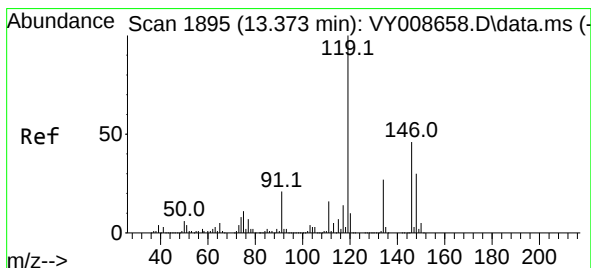
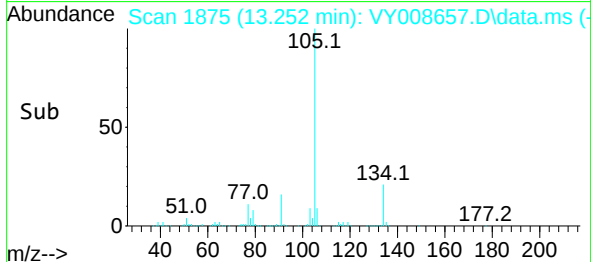
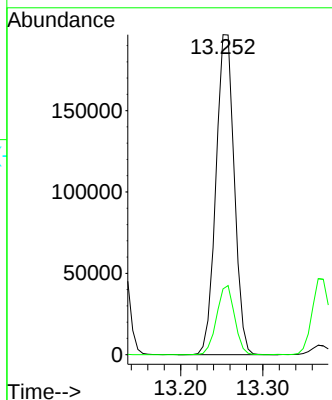
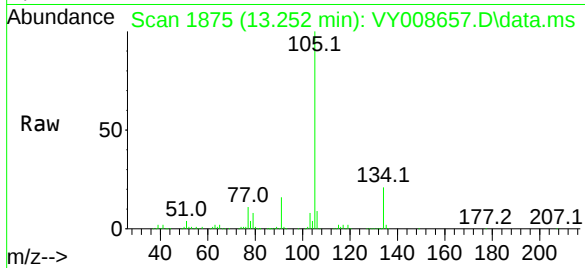




#85
 sec-Butylbenzene
 Concen: 20.563 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

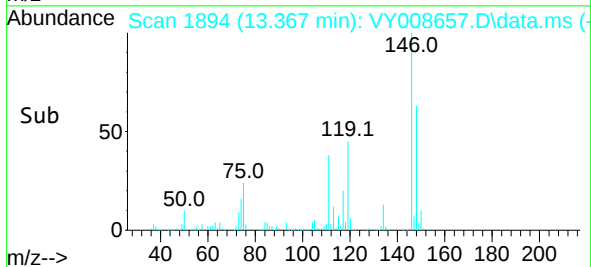
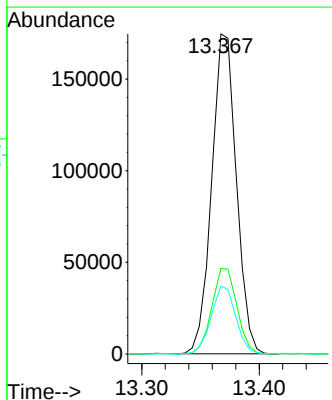
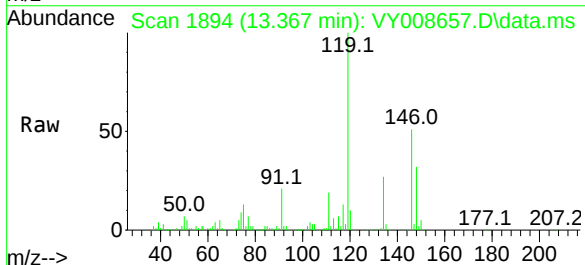
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

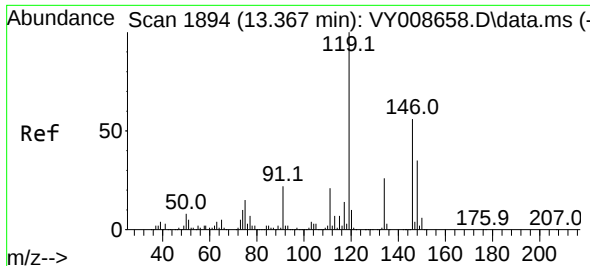
Tgt Ion:105 Resp: 304228
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.511 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

Tgt Ion:119 Resp: 254307
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 21.3 12.4 37.2

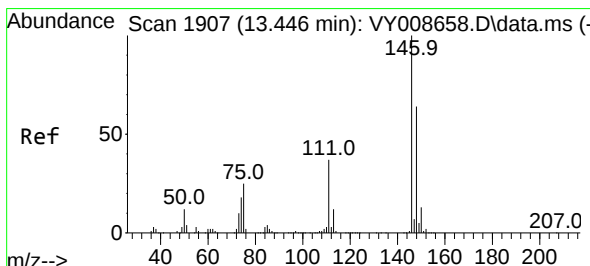
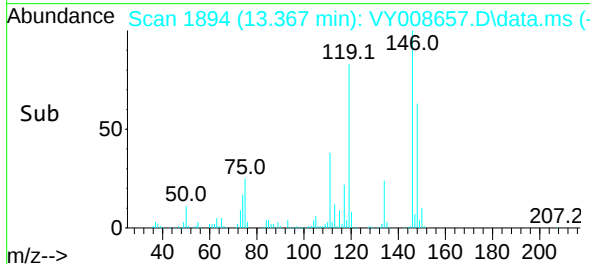
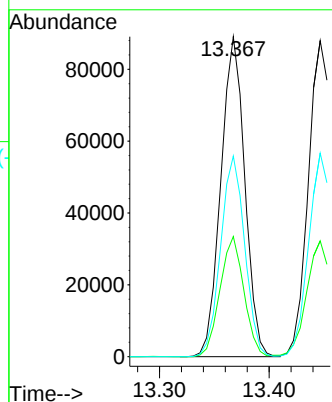
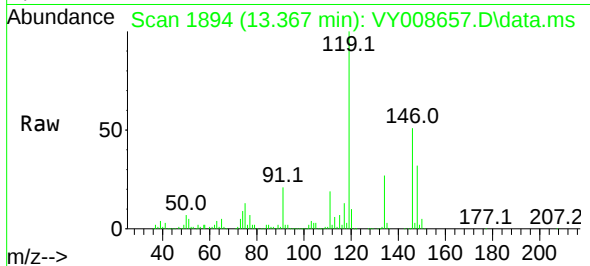




#87
1,3-Dichlorobenzene
Concen: 20.629 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

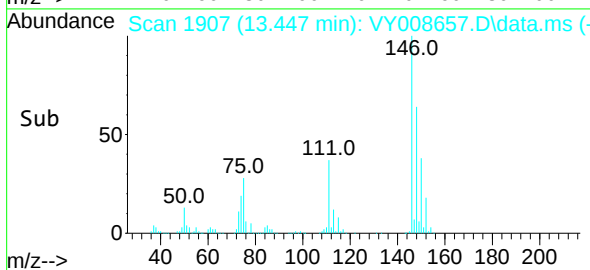
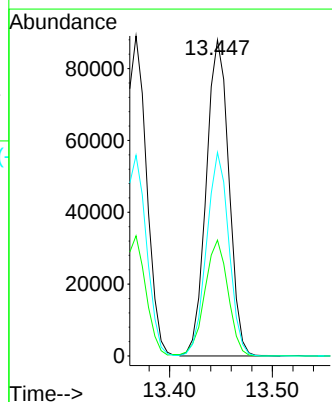
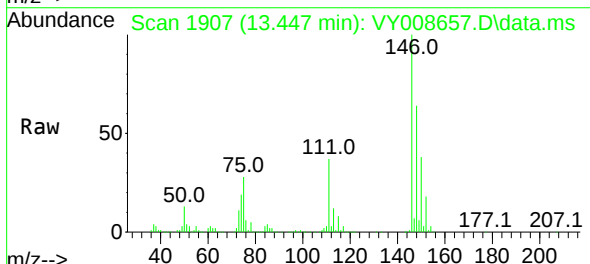
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

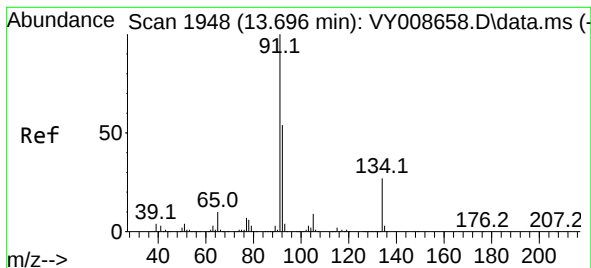
Tgt Ion:146 Resp: 135205
Ion Ratio Lower Upper
146 100
111 37.5 19.5 58.5
148 63.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.624 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008657.D
Acq: 09 May 2022 10:47

Tgt Ion:146 Resp: 134800
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 63.6 32.6 97.8





#89

n-Butylbenzene

Concen: 20.016 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

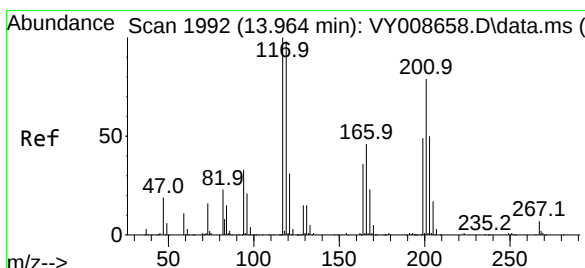
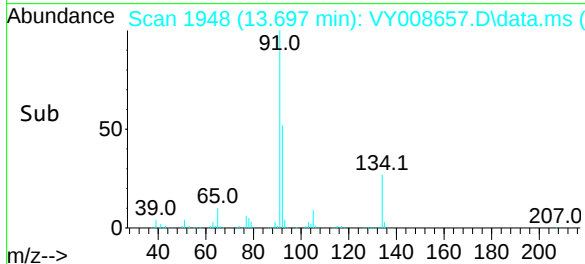
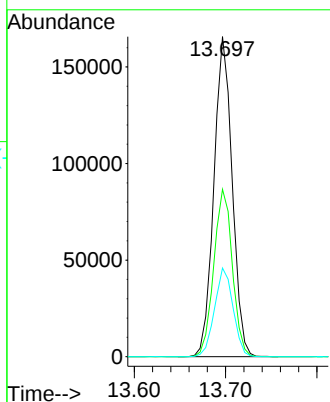
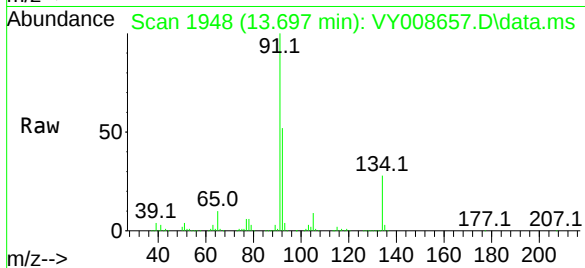
Tgt Ion: 91 Resp: 230206

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.9

134 28.0 13.0 38.9



#90

Hexachloroethane

Concen: 20.224 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY008657.D

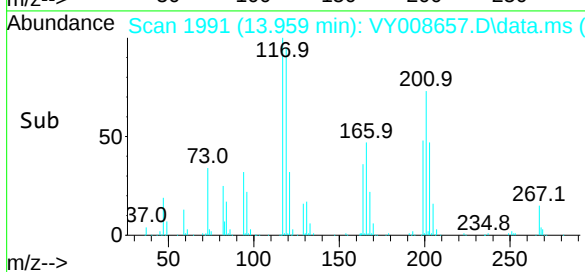
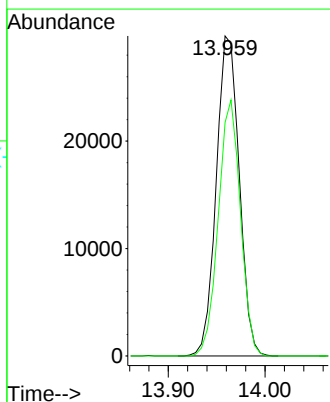
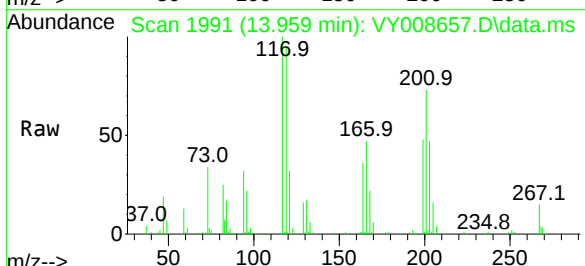
Acq: 09 May 2022 10:47

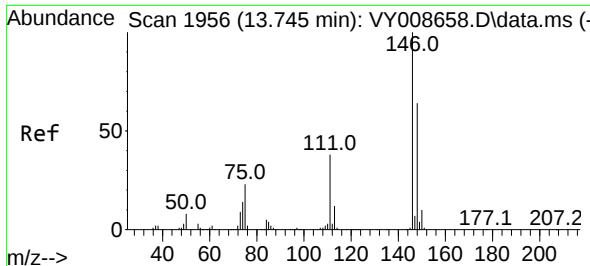
Tgt Ion: 117 Resp: 49151

Ion Ratio Lower Upper

117 100

201 77.1 43.0 128.8

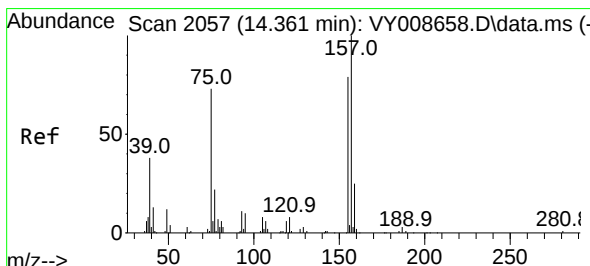
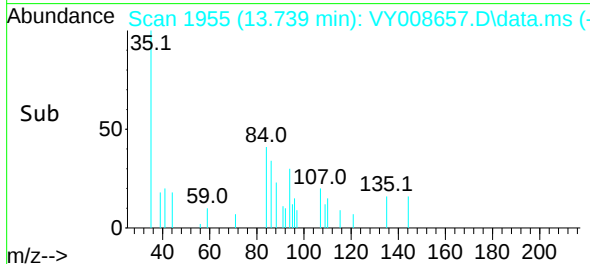
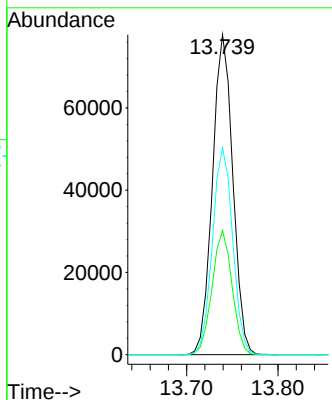
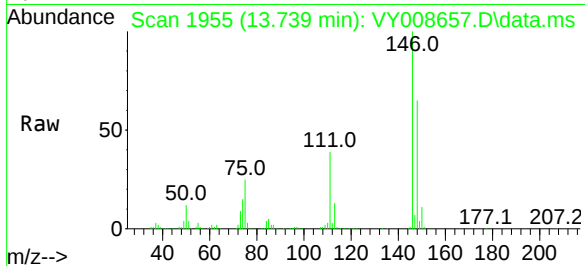




#91
 1,2-Dichlorobenzene
 Concen: 20.862 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

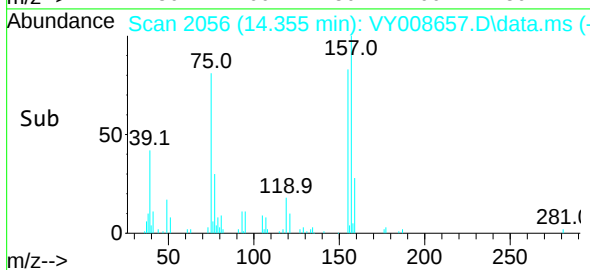
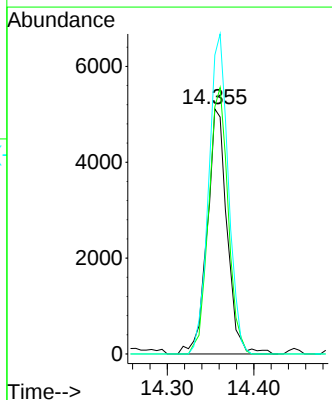
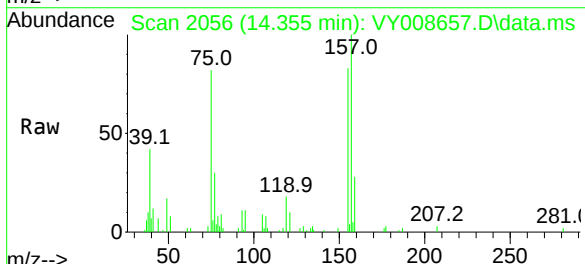
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

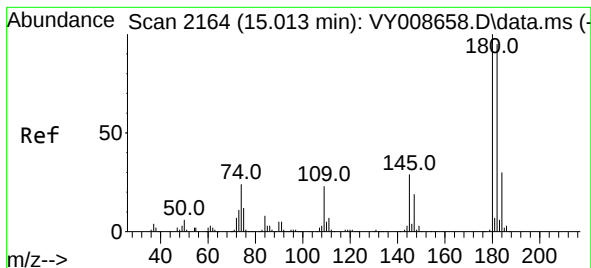
Tgt Ion:146 Resp: 120632
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.3 60.9
 148 64.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.905 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY008657.D
 Acq: 09 May 2022 10:47

Tgt Ion: 75 Resp: 8127
 Ion Ratio Lower Upper
 75 100
 155 106.0 38.0 113.9
 157 128.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.144 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

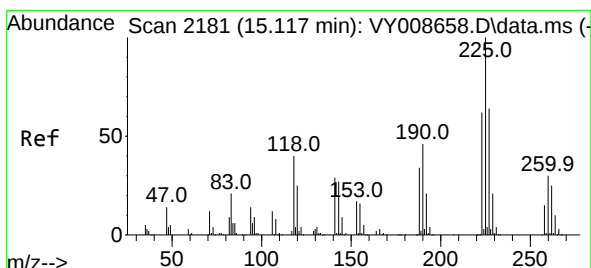
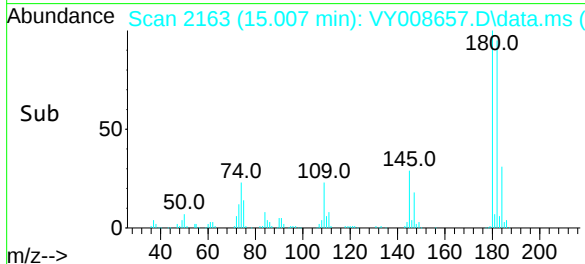
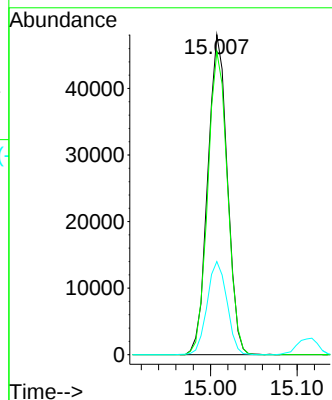
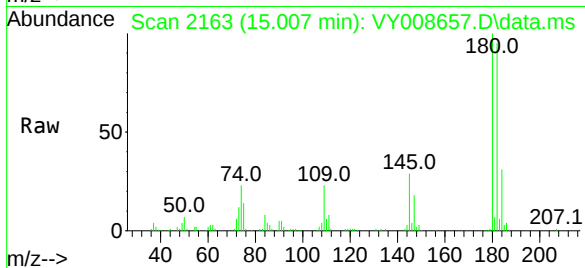
Tgt Ion:180 Resp: 75395

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.286 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

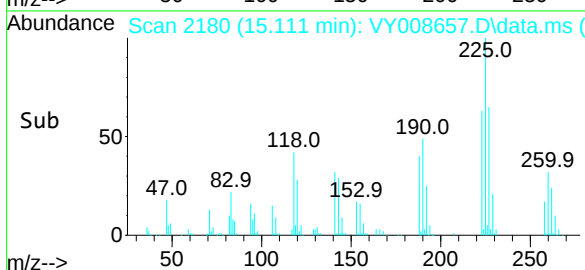
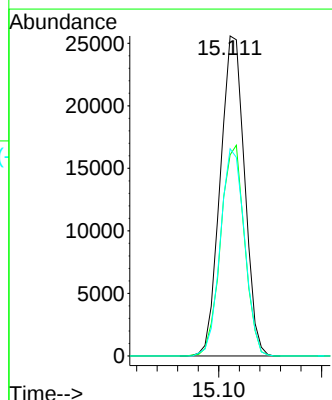
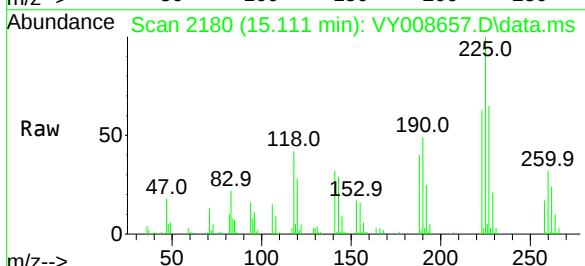
Tgt Ion:225 Resp: 42002

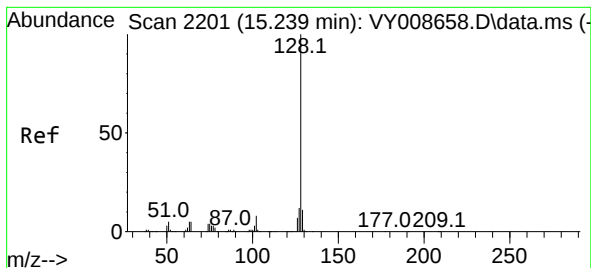
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 64.3 31.6 94.7





#95

Naphthalene

Concen: 18.856 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

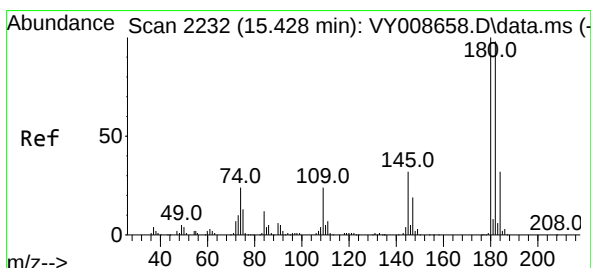
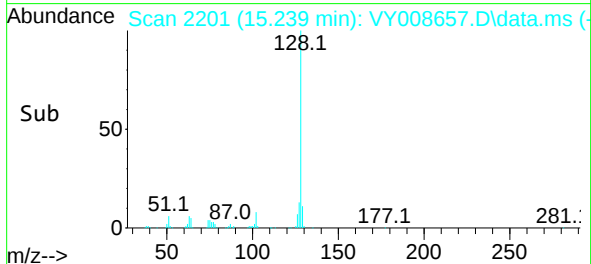
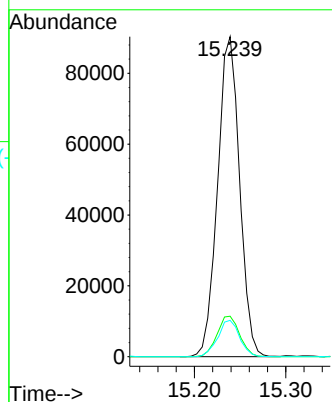
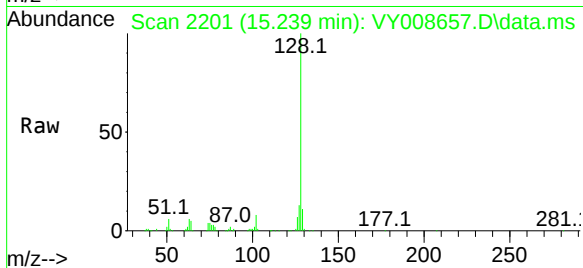
Tgt Ion:128 Resp: 151212

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.376 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008657.D

Acq: 09 May 2022 10:47

Tgt Ion:180 Resp: 67506

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.9

145 31.2 15.3 45.9

