

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008259.D
 Acq On : 08 Apr 2022 14:58
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 08 15:29:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 14:04:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5471	4.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.120%#
35) Dibromofluoromethane	7.716	113	4629	3.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	7.420%#
50) Toluene-d8	10.179	98	14862	3.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	6.860%#
62) 4-Bromofluorobenzene	12.483	95	6463	3.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	7.940%#

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.906	85	4725	4.448	ug/l	96
3) Chloromethane	2.113	50	6481	4.595	ug/l #	88
4) Vinyl Chloride	2.253	62	7986	4.298	ug/l	99
5) Bromomethane	2.656	94	8356	4.942	ug/l	91
6) Chloroethane	2.796	64	5510	4.181	ug/l	93
7) Trichlorofluoromethane	3.131	101	8850	3.926	ug/l	100
8) Diethyl Ether	3.534	74	3667	4.611	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	5749	3.987	ug/l	90
10) Methyl Iodide	4.101	142	3748	2.591	ug/l #	83
11) Tert butyl alcohol	4.960	59	3441	30.345	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	5039	3.904	ug/l	82
13) Acrolein	3.729	56	2185	24.371	ug/l	96
14) Allyl chloride	4.478	41	6803	4.122	ug/l #	89
15) Acrylonitrile	5.167	53	10475	27.472	ug/l	93
16) Acetone	3.942	43	7716	26.478	ug/l	95
17) Carbon Disulfide	4.198	76	13970	4.086	ug/l	100
18) Methyl Acetate	4.478	43	4602	4.372	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	18230	4.652	ug/l	92
20) Methylene Chloride	4.716	84	13565	6.429	ug/l #	78
21) trans-1,2-Dichloroethene	5.210	96	6184	4.055	ug/l #	77
22) Diisopropyl ether	6.118	45	17272	4.347	ug/l #	91
23) Vinyl Acetate	6.057	43	59393	24.851	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	10690	4.201	ug/l #	96
25) 2-Butanone	6.990	43	11973	26.216	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	9104	3.936	ug/l	90
27) cis-1,2-Dichloroethene	6.978	96	7394	4.024	ug/l	83
28) Bromochloromethane	7.326	49	4122	4.319	ug/l #	77
29) Tetrahydrofuran	7.350	42	7828	26.587	ug/l #	68
30) Chloroform	7.502	83	12265	4.359	ug/l	98
31) Cyclohexane	7.789	56	10553	4.648	ug/l #	54
32) 1,1,1-Trichloroethane	7.697	97	9835	3.991	ug/l	95
36) 1,1-Dichloropropene	7.917	75	8332	4.119	ug/l	94
37) Ethyl Acetate	7.076	43	5542	5.213	ug/l #	92
38) Carbon Tetrachloride	7.899	117	8363	3.906	ug/l	98
39) Methylcyclohexane	9.185	83	10053	3.839	ug/l	87
40) Benzene	8.161	78	25129	4.166	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	7297	8.828	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	8153	4.641	ug/l	89
43) Isopropyl Acetate	8.277	43	9767	5.059	ug/l #	87
44) Trichloroethene	8.941	130	6848	3.977	ug/l	92
45) 1,2-Dichloropropane	9.215	63	6563	4.433	ug/l	97
46) Dibromomethane	9.307	93	4443	4.572	ug/l	93
47) Bromodichloromethane	9.496	83	9509	4.412	ug/l #	98
48) Methyl methacrylate	9.295	41	4302	5.440	ug/l #	83
49) 1,4-Dioxane	9.295	88	1112	89.022	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	25906	26.325	ug/l #	86
52) Toluene	10.246	92	16413	4.179	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	9523	4.337	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	10771	4.407	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	6279	4.584	ug/l	96
56) Ethyl methacrylate	10.508	69	7563	4.611	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	10377	4.677	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	17229	24.132	ug/l	92
59) 2-Hexanone	10.831	43	17519	25.876	ug/l	83
60) Dibromochloromethane	10.990	129	6761	4.271	ug/l	99
61) 1,2-Dibromoethane	11.093	107	6205	4.683	ug/l	97
64) Tetrachloroethene	10.721	164	5801	4.054	ug/l	93
65) Chlorobenzene	11.520	112	19010	4.397	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6553	4.172	ug/l	97
67) Ethyl Benzene	11.593	91	30660	4.171	ug/l	98
68) m/p-Xylenes	11.703	106	23739	8.152	ug/l	94
69) o-Xylene	12.032	106	11828	4.187	ug/l	89
70) Styrene	12.044	104	18944	4.112	ug/l	96
71) Bromoform	12.209	173	4075	4.346	ug/l #	100
73) Isopropylbenzene	12.331	105	29660	4.222	ug/l	97
74) N-amyl acetate	12.142	43	7957	5.156	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	7579	5.074	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	9428	7.081	ug/l #	100
77) Bromobenzene	12.611	156	7415	4.346	ug/l	97
78) n-propylbenzene	12.672	91	35511	4.251	ug/l	97
79) 2-Chlorotoluene	12.757	91	20798	4.409	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	24835	4.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	2302	4.933	ug/l #	83
82) 4-Chlorotoluene	12.855	91	21863	4.570	ug/l	97
83) tert-Butylbenzene	13.075	119	20853	4.059	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	24210	4.283	ug/l	95
85) sec-Butylbenzene	13.257	105	32339	4.259	ug/l	99
86) p-Isopropyltoluene	13.373	119	25787	4.097	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	14940	4.450	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	14981	4.481	ug/l	94
89) n-Butylbenzene	13.696	91	24509	4.272	ug/l	99
90) Hexachloroethane	13.965	117	4812	4.133	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	13512	4.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1046	4.928	ug/l	69
93) 1,2,4-Trichlorobenzene	15.007	180	7981	4.571	ug/l	95
94) Hexachlorobutadiene	15.117	225	3807	4.328	ug/l	95
95) Naphthalene	15.239	128	18622	5.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	7220	4.754	ug/l	98

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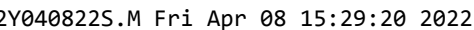
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MSVOA_Y
ClientSampleId :
VSTDICC005

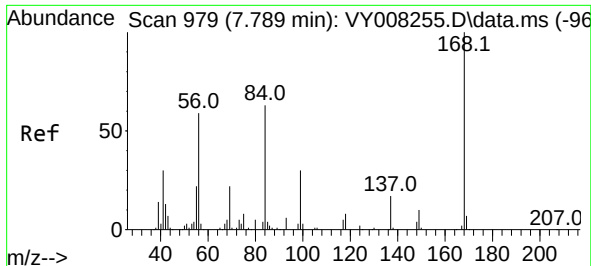
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Quant Title : SW846 8260
QLast Update : Fri Apr 08 14:04:03 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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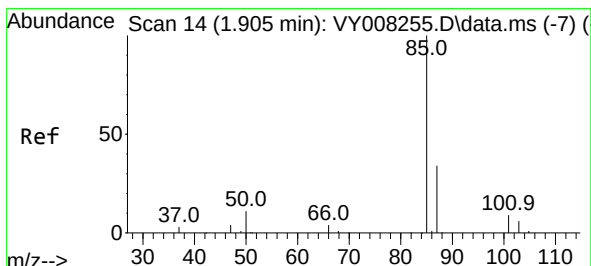
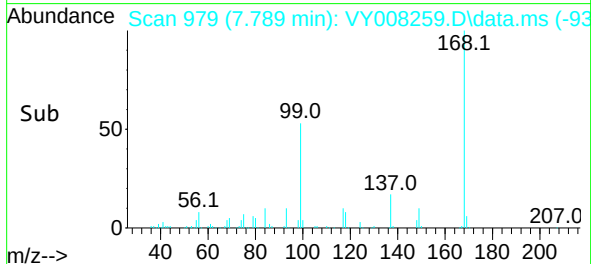
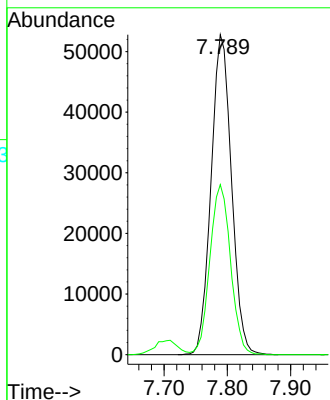
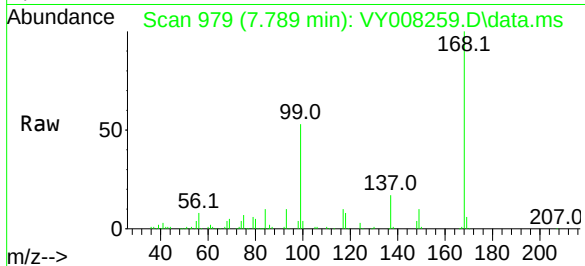




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008259.D
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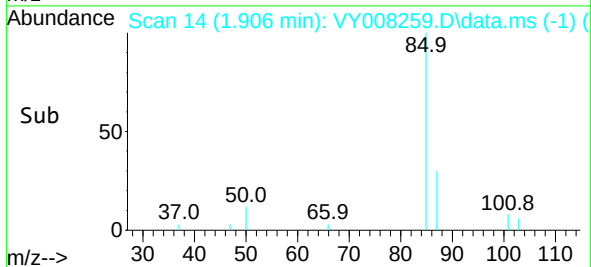
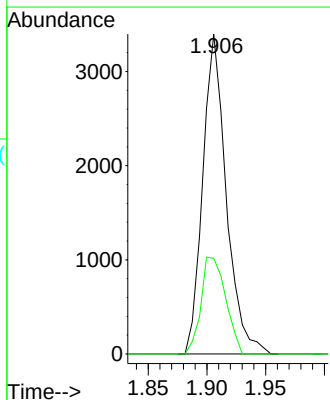
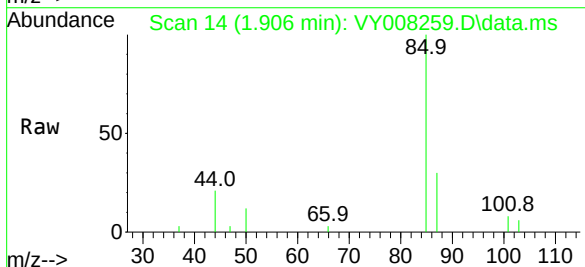
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

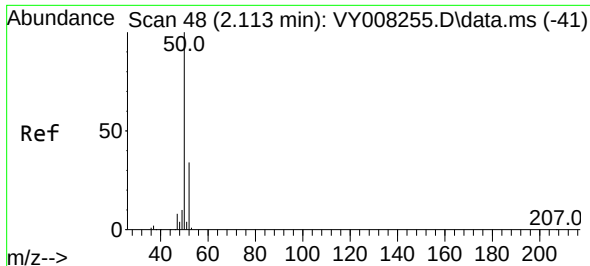
Tgt Ion:168 Resp: 118092
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.448 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 85 Resp: 4725
Ion Ratio Lower Upper
85 100
87 29.9 16.1 48.2

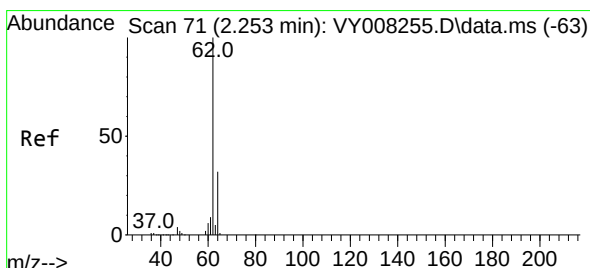
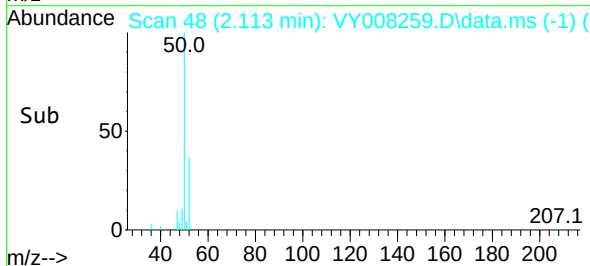
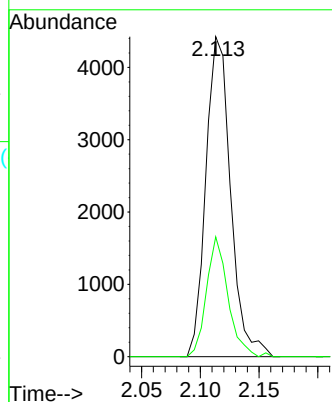
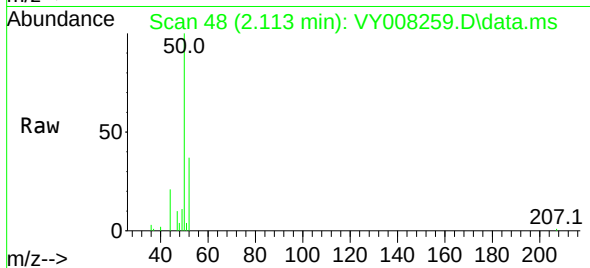




#3
Chloromethane
Concen: 4.595 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

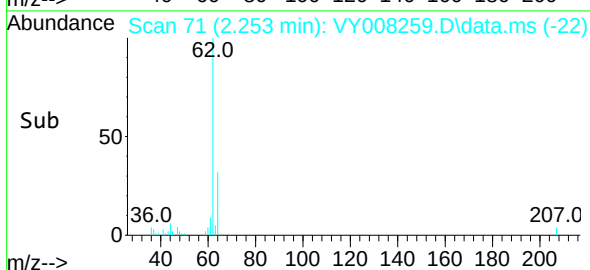
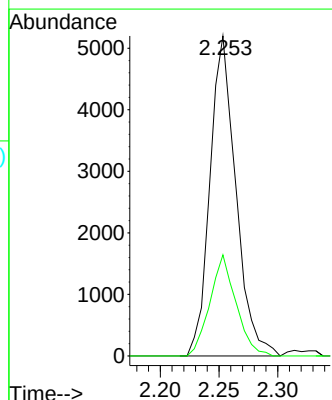
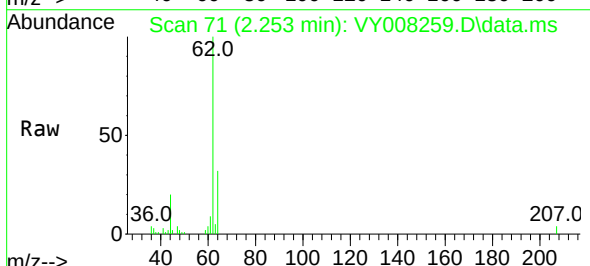
Instrument :
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ClientSampleId :
VSTDICC005

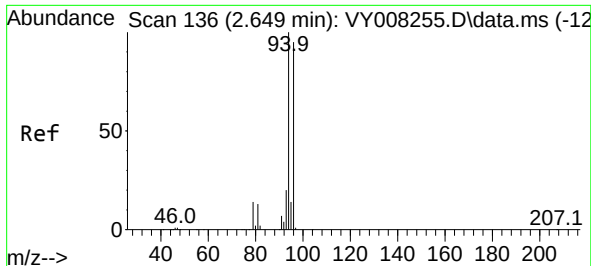
Tgt Ion: 50 Resp: 6481
Ion Ratio Lower Upper
50 100
52 37.4 24.6 37.0#



#4
Vinyl Chloride
Concen: 4.298 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 62 Resp: 7986
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

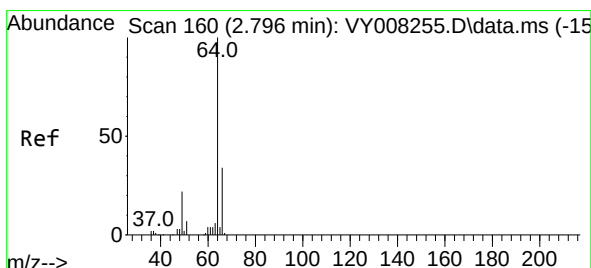
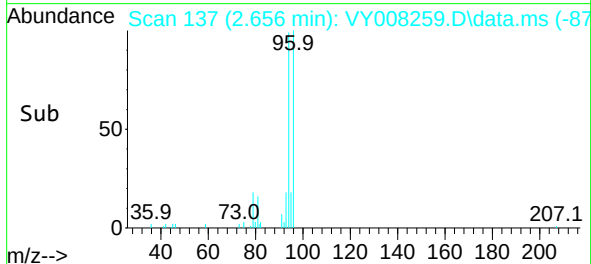
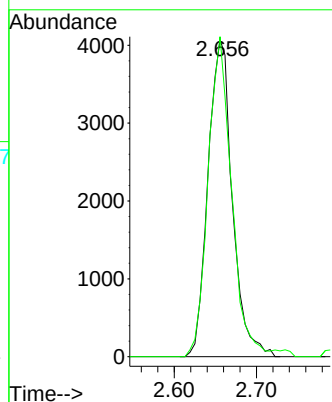
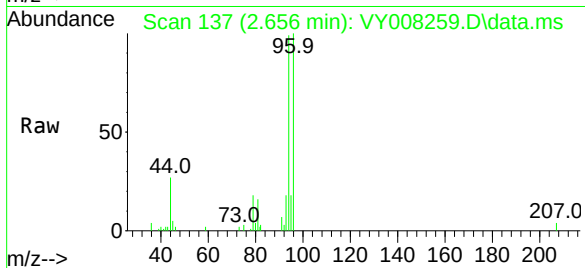




#5
Bromomethane
Concen: 4.942 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

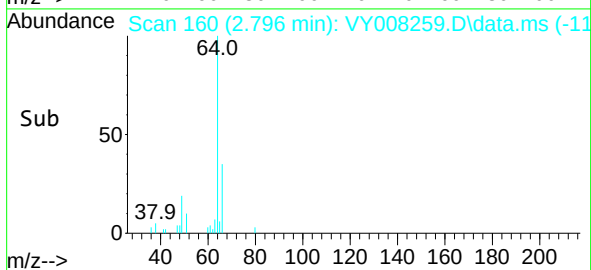
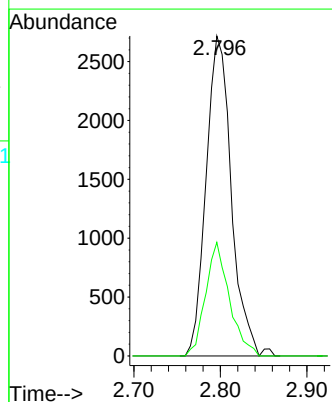
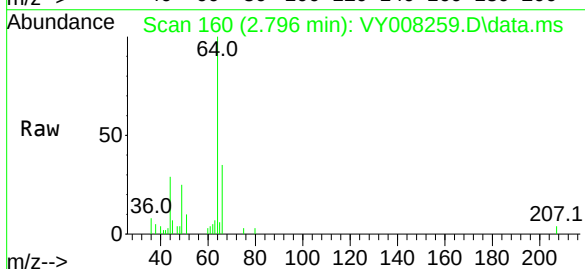
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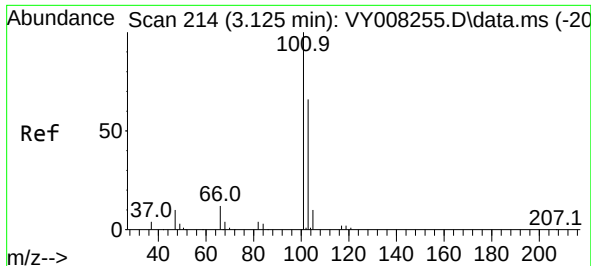
Tgt Ion: 94 Resp: 8356
Ion Ratio Lower Upper
94 100
96 100.9 73.5 110.3



#6
Chloroethane
Concen: 4.181 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 64 Resp: 5510
Ion Ratio Lower Upper
64 100
66 35.5 25.4 38.0

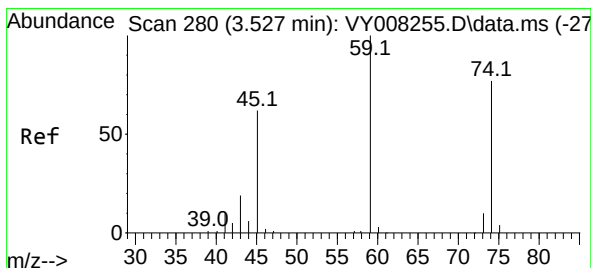
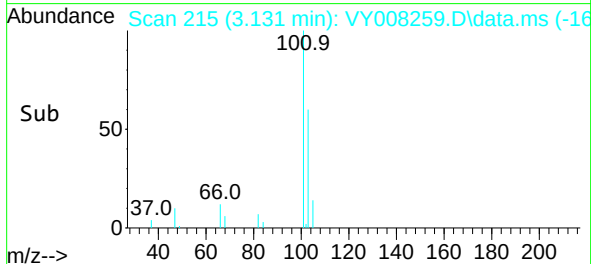
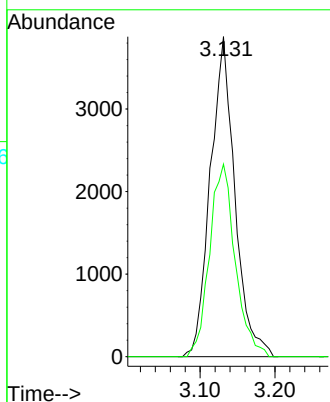
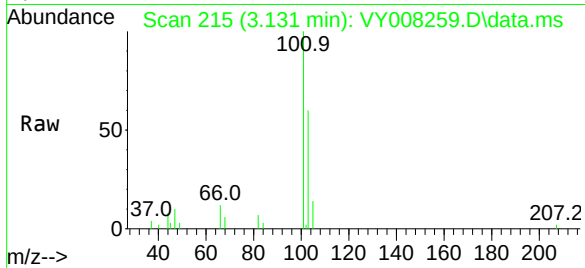




#7
 Trichlorofluoromethane
 Concen: 3.926 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

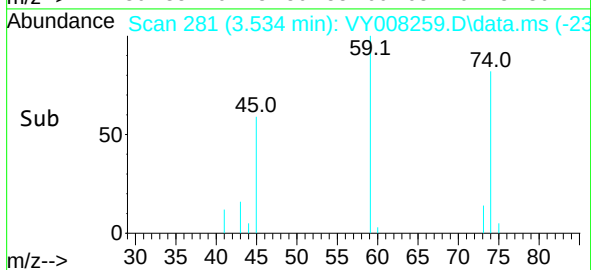
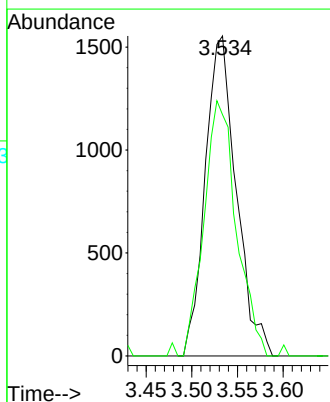
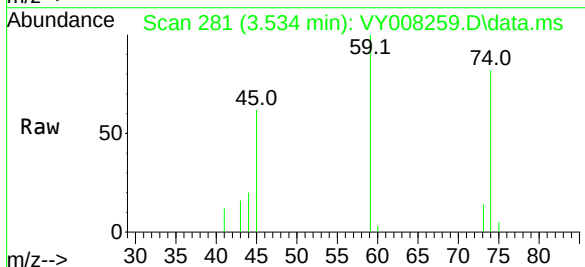
Instrument :
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 ClientSampleId :
 VSTDIC005

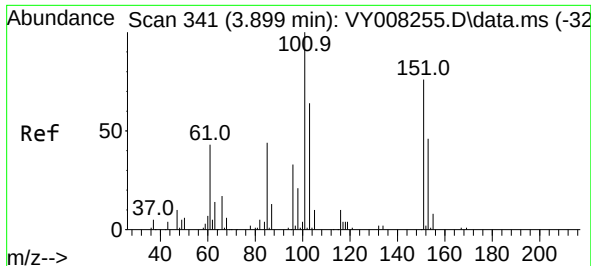
Tgt Ion:101 Resp: 8850
 Ion Ratio Lower Upper
 101 100
 103 60.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 4.611 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

Tgt Ion: 74 Resp: 3667
 Ion Ratio Lower Upper
 74 100
 45 83.4 55.1 165.5

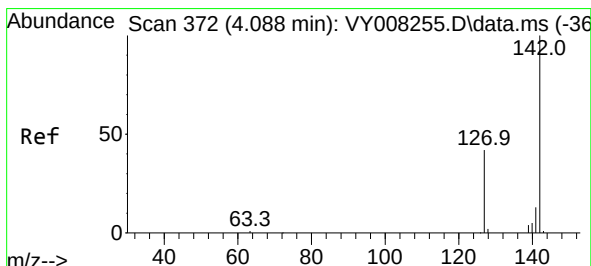
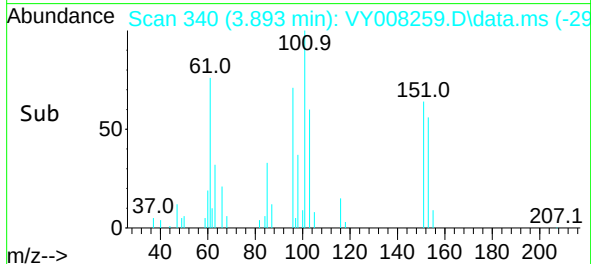
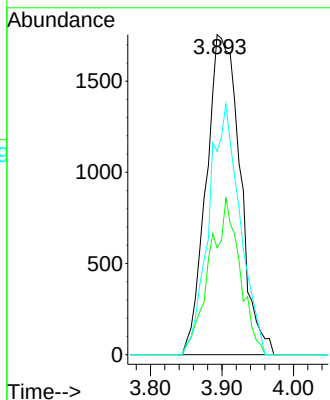
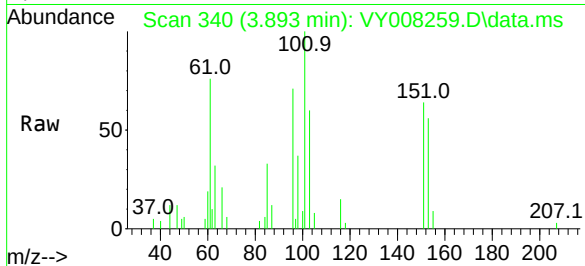




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.987 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008259.D
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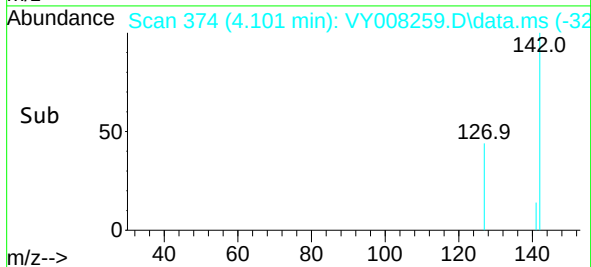
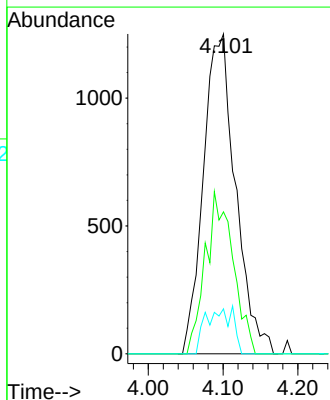
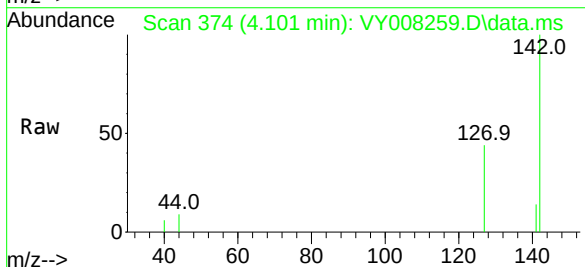
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

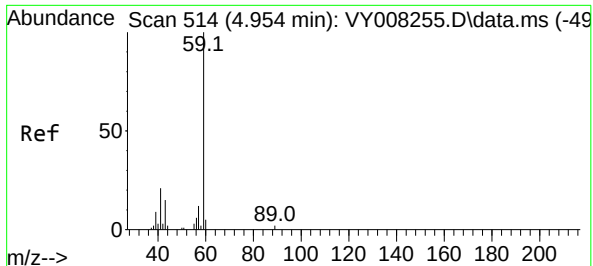
Tgt Ion:101 Resp: 5749
Ion Ratio Lower Upper
101 100
85 43.8 40.6 60.8
151 72.3 64.9 97.3



#10
Methyl Iodide
Concen: 2.591 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion:142 Resp: 3748
Ion Ratio Lower Upper
142 100
127 43.5 41.5 62.3
141 0.0 11.9 17.9#

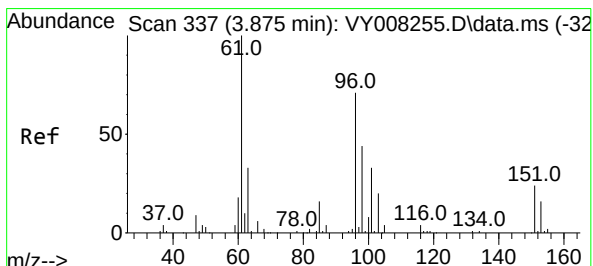
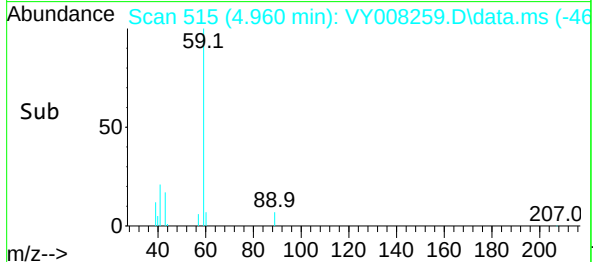
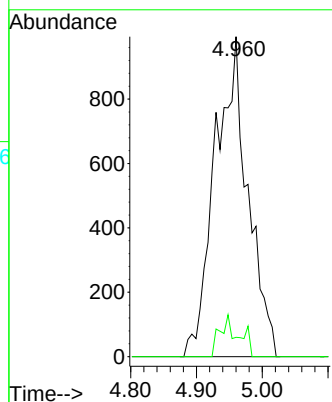
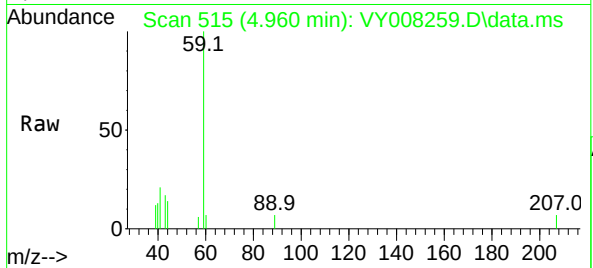




#11
Tert butyl alcohol
Concen: 30.345 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

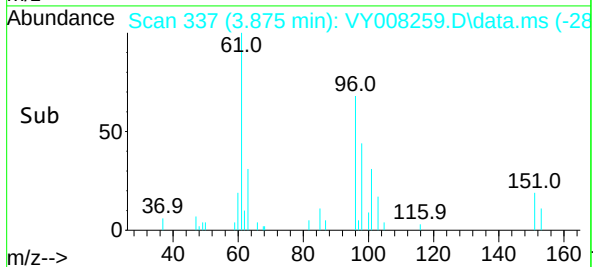
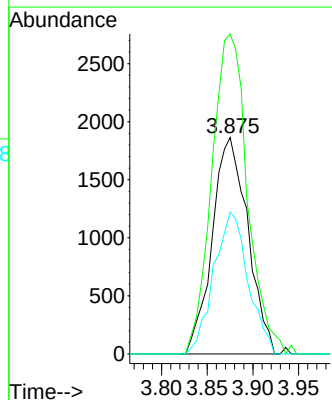
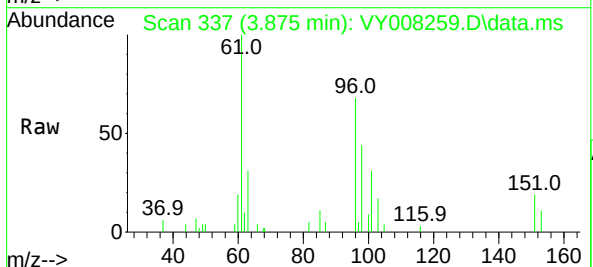
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

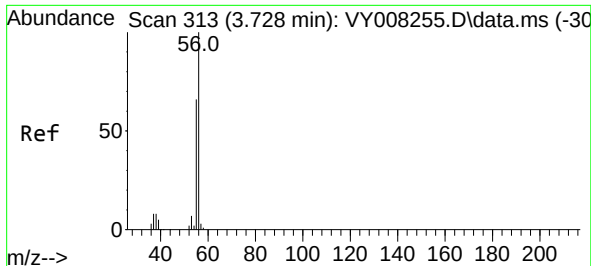
Tgt Ion: 59 Resp: 3441
Ion Ratio Lower Upper
59 100
57 5.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 3.904 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 96 Resp: 5039
Ion Ratio Lower Upper
96 100
61 147.8 145.8 218.6
98 65.5 52.5 78.7





#13

Acrolein

Concen: 24.371 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

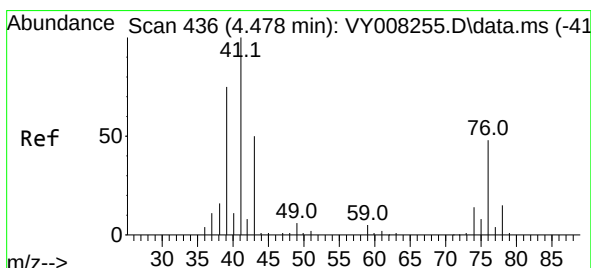
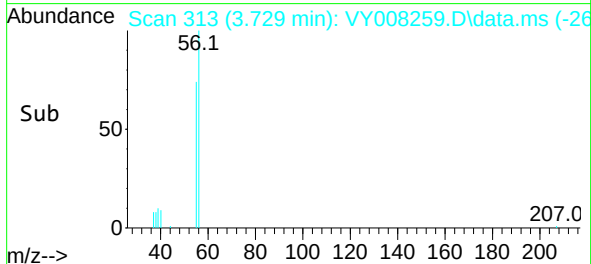
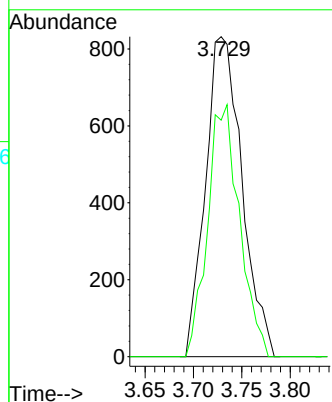
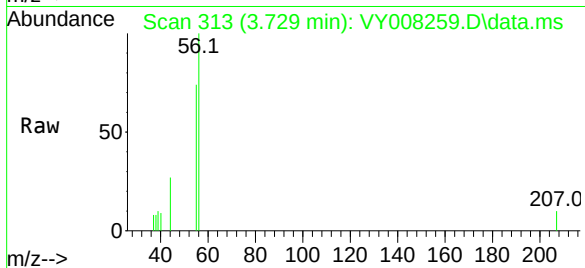
VSTDIC005

Tgt Ion: 56 Resp: 2185

Ion Ratio Lower Upper

56 100

55 68.7 57.6 86.4



#14

Allyl chloride

Concen: 4.122 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

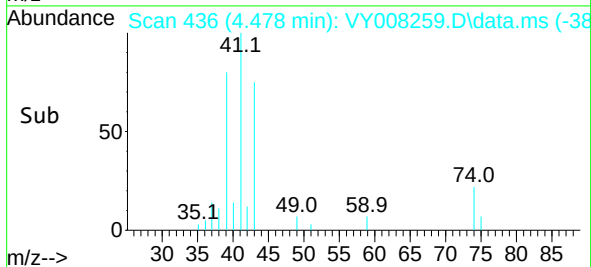
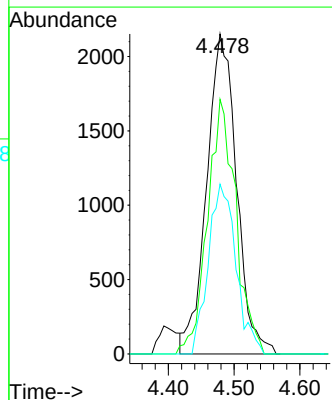
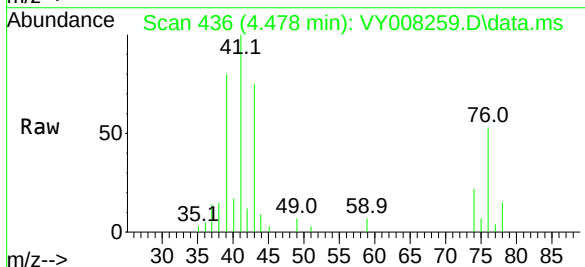
Tgt Ion: 41 Resp: 6803

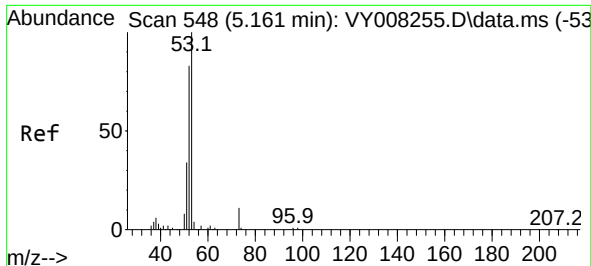
Ion Ratio Lower Upper

41 100

39 75.4 58.8 88.2

76 49.2 25.1 37.7#

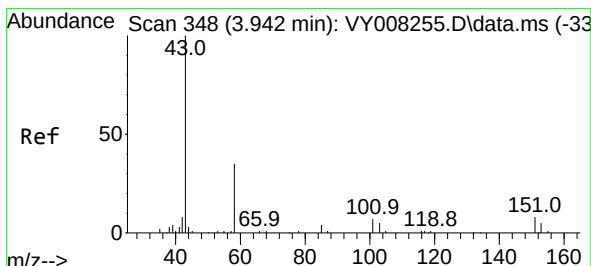
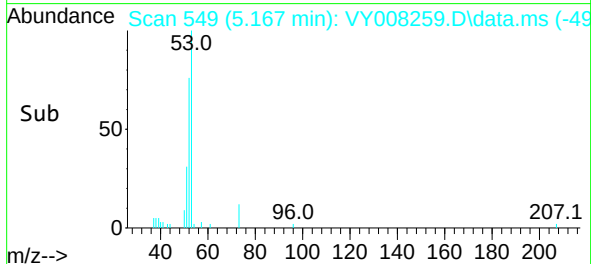
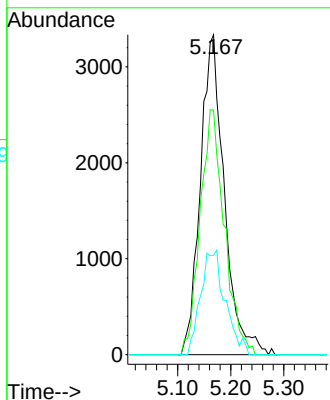
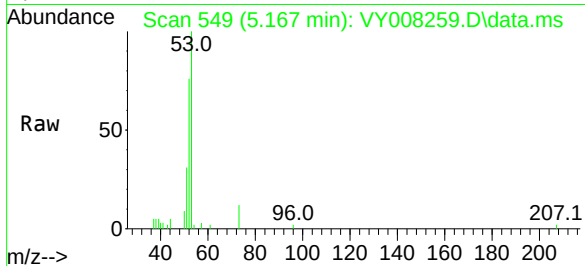




#15
Acrylonitrile
Concen: 27.472 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

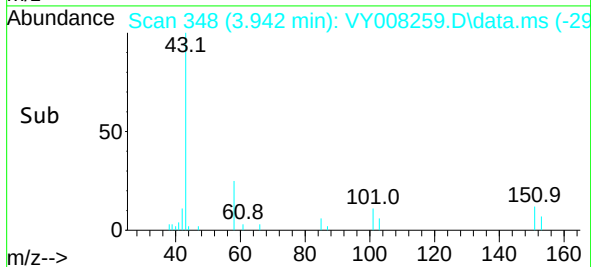
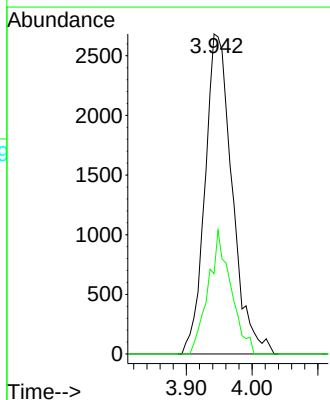
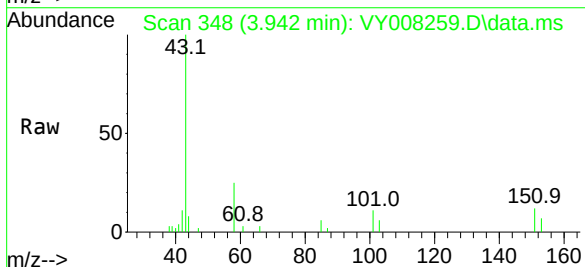
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

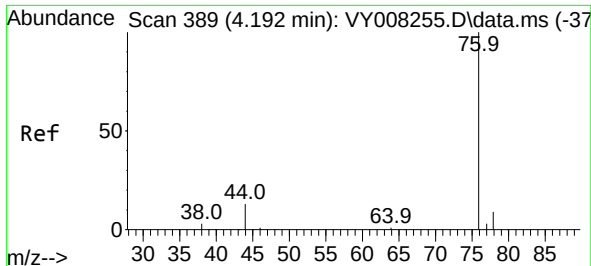
Tgt Ion: 53	Resp: 10475
Ion Ratio	Lower Upper
53	100
52	77.4 67.0 100.4
51	33.3 29.8 44.6



#16
Acetone
Concen: 26.478 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 43	Resp: 7716
Ion Ratio	Lower Upper
43	100
58	25.1 22.0 33.0

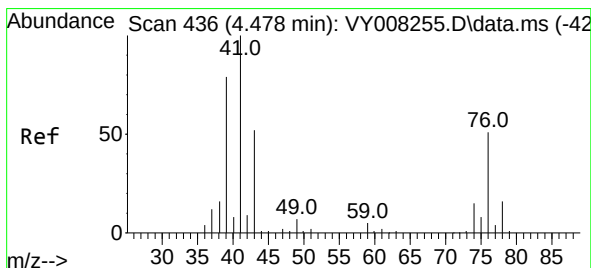
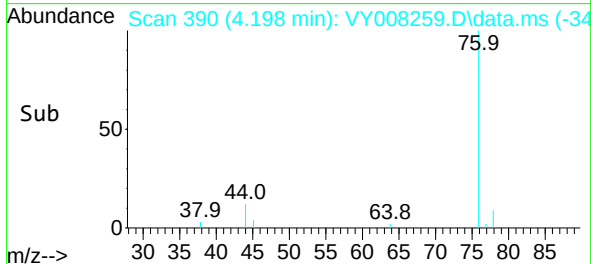
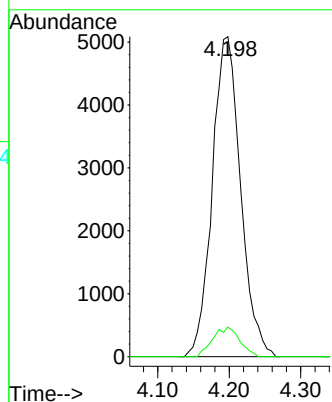
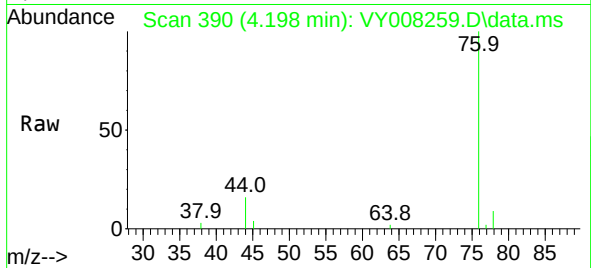




#17
Carbon Disulfide
Concen: 4.086 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

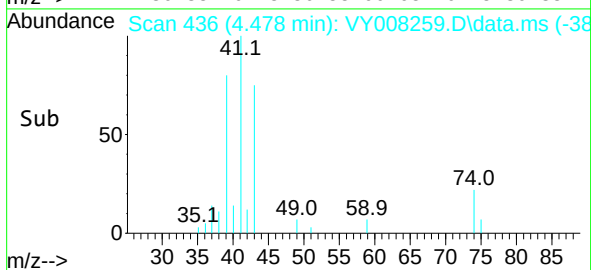
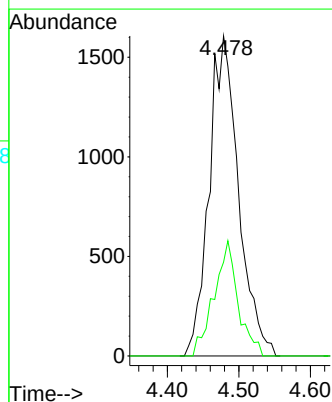
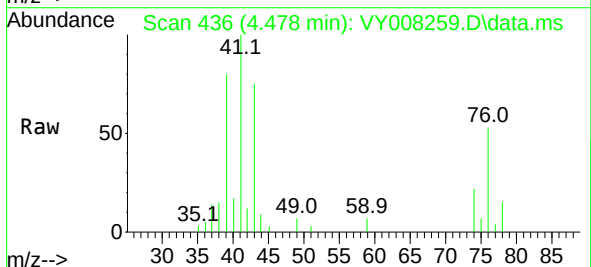
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

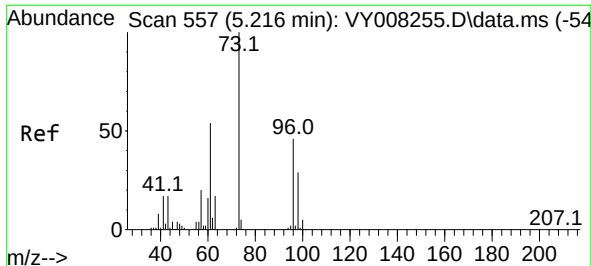
Tgt Ion: 76 Resp: 13970
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 4.372 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 43 Resp: 4602
Ion Ratio Lower Upper
43 100
74 29.3 16.6 24.8#

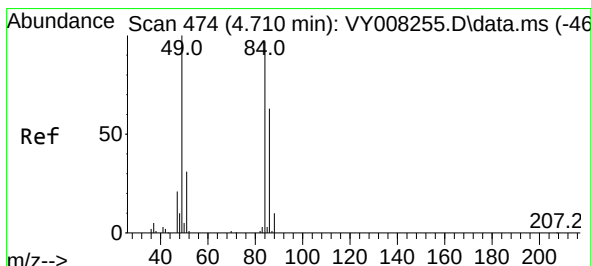
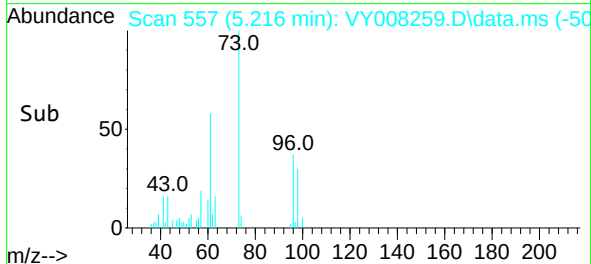
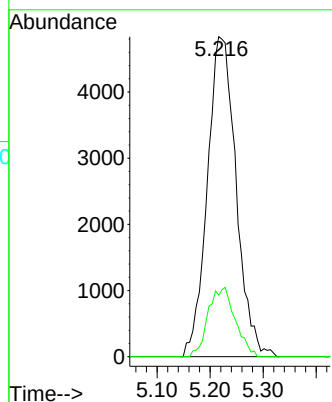
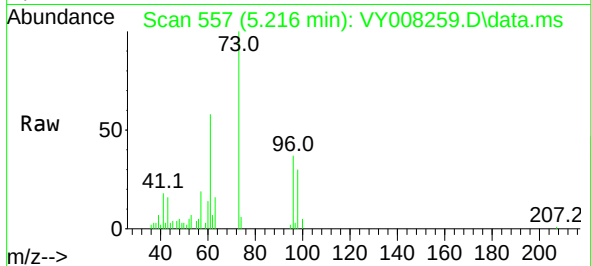




#19
Methyl tert-butyl Ether
Concen: 4.652 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

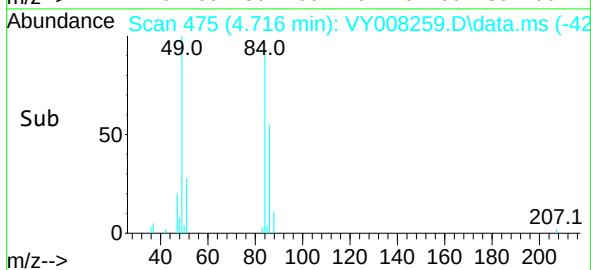
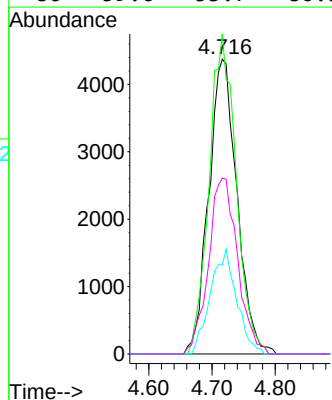
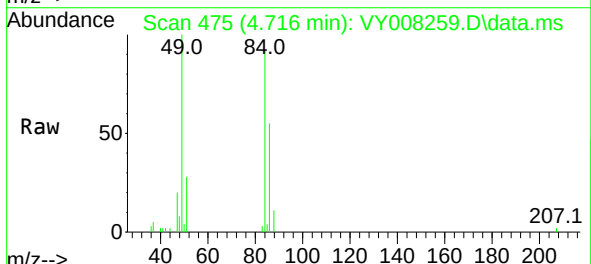
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

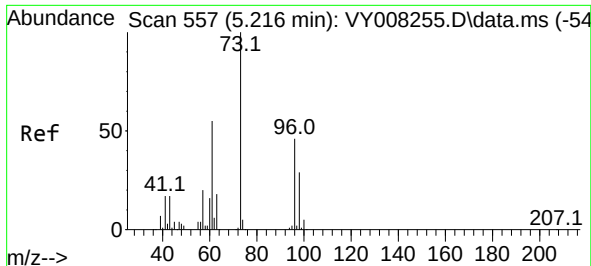
Tgt Ion: 73 Resp: 18230
Ion Ratio Lower Upper
73 100
57 19.2 18.6 27.8



#20
Methylene Chloride
Concen: 6.429 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 84 Resp: 13565
Ion Ratio Lower Upper
84 100
49 108.6 114.4 171.6#
51 30.2 35.3 52.9#
86 59.6 53.7 80.5

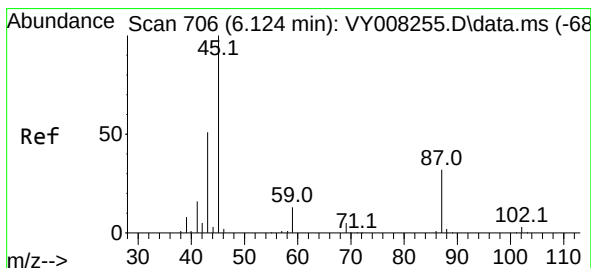
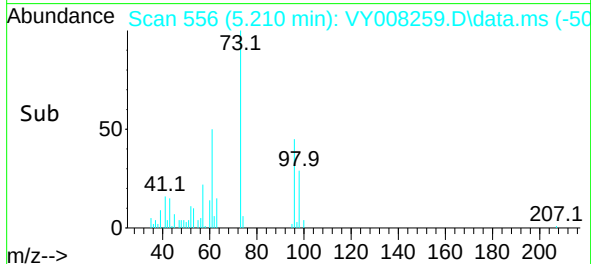
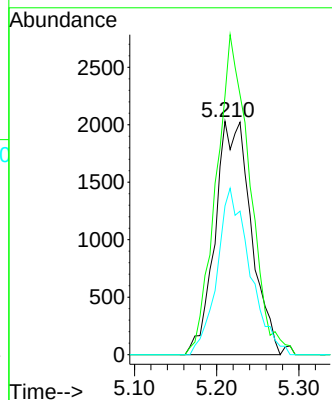
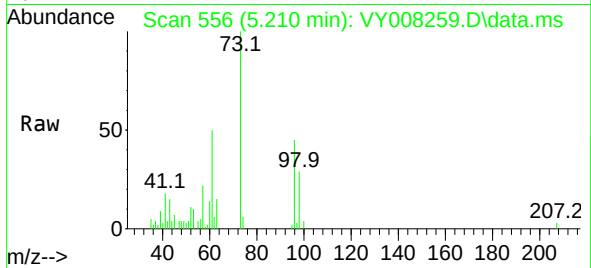




#21
trans-1,2-Dichloroethene
Concen: 4.055 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

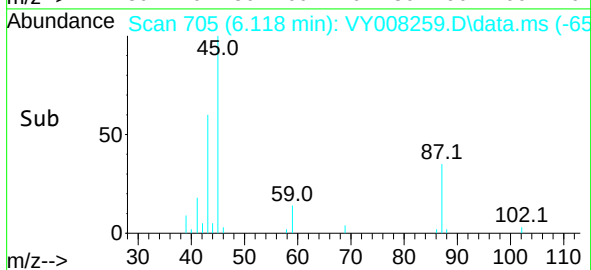
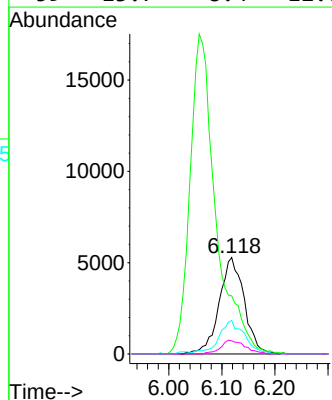
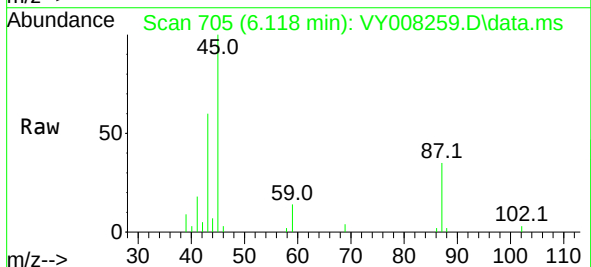
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

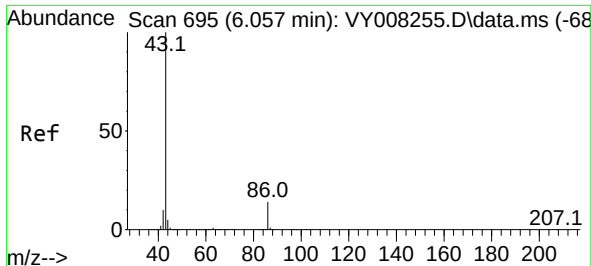
Tgt Ion: 96 Resp: 6184
Ion Ratio Lower Upper
96 100
61 110.9 120.5 180.7#
98 63.8 49.8 74.8



#22
Diisopropyl ether
Concen: 4.347 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 45 Resp: 17272
Ion Ratio Lower Upper
45 100
43 59.0 49.3 73.9
87 34.7 19.2 28.8#
59 13.7 8.4 12.6#

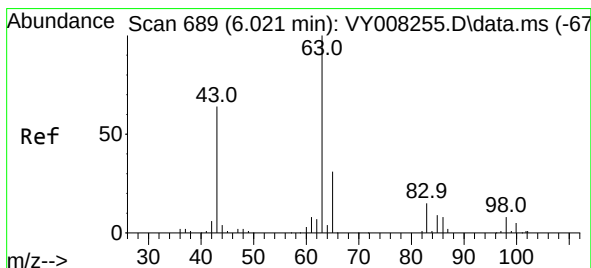
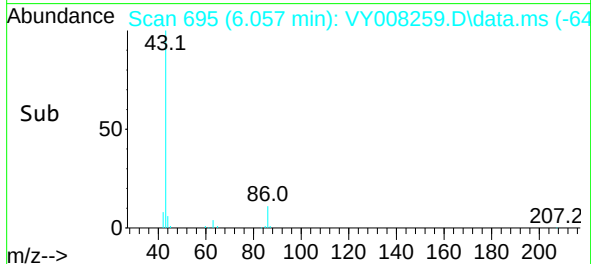
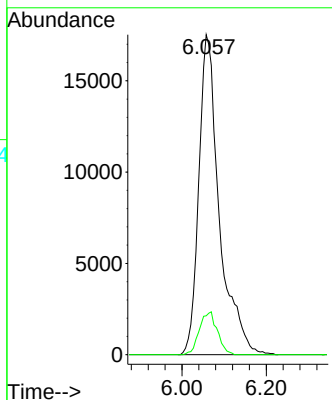
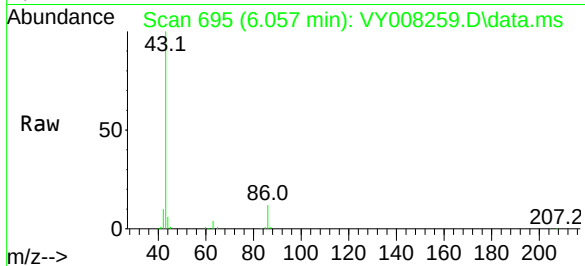




#23
 Vinyl Acetate
 Concen: 24.851 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

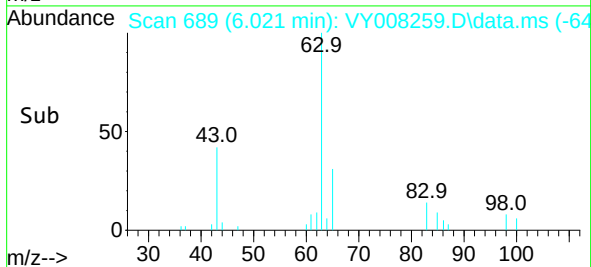
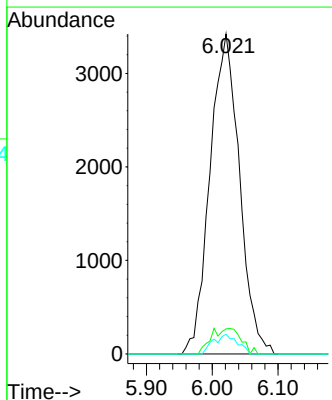
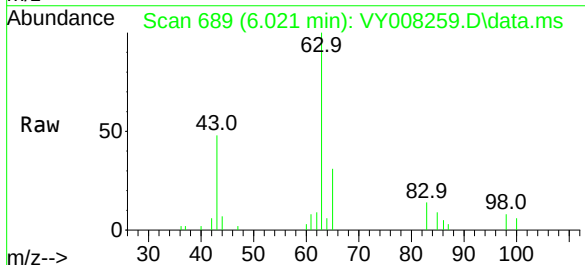
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

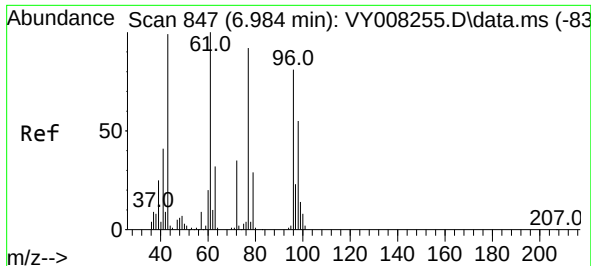
Tgt Ion: 43 Resp: 59393
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.201 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

Tgt Ion: 63 Resp: 10690
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 6.2 2.0 5.8#

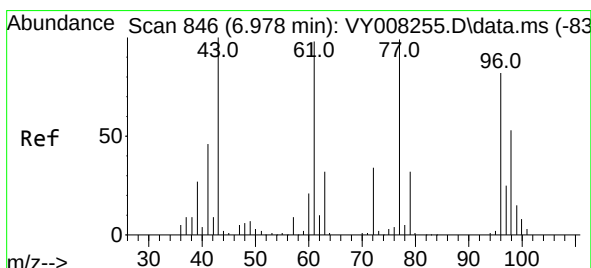
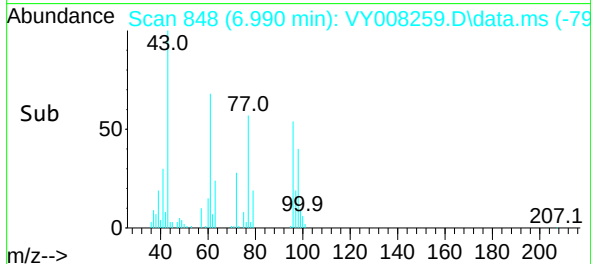
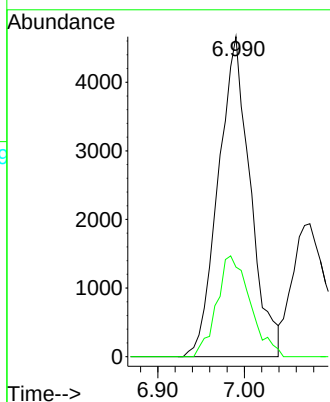
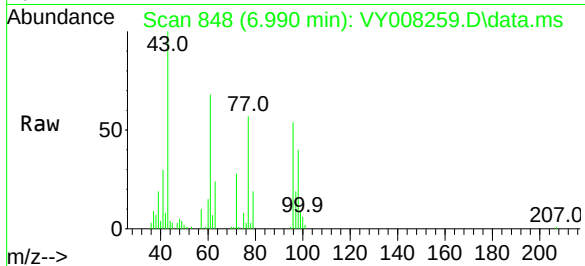




#25
2-Butanone
Concen: 26.216 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

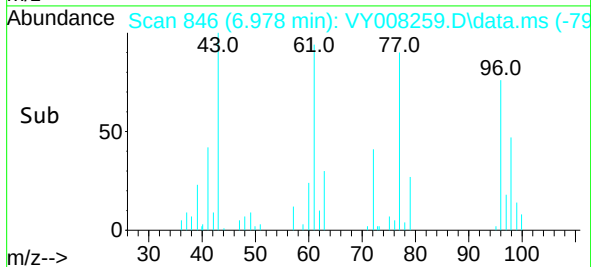
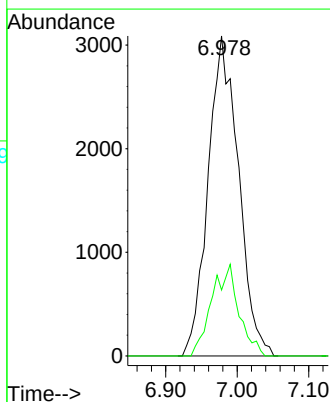
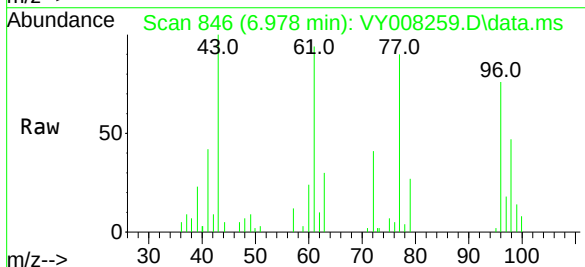
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

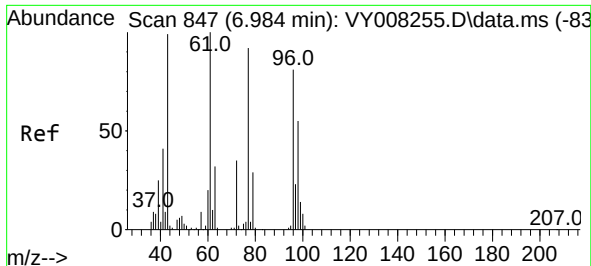
Tgt Ion: 43 Resp: 11973
Ion Ratio Lower Upper
43 100
72 28.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 3.936 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 77 Resp: 9104
Ion Ratio Lower Upper
77 100
97 25.7 10.4 31.4

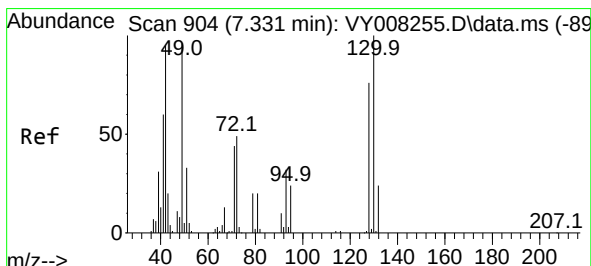
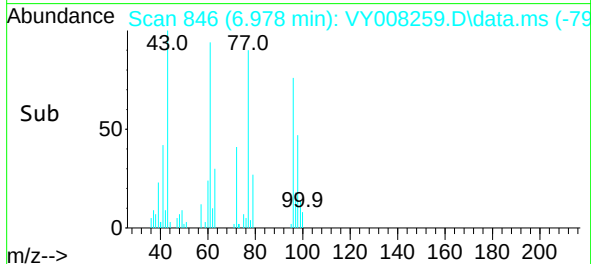
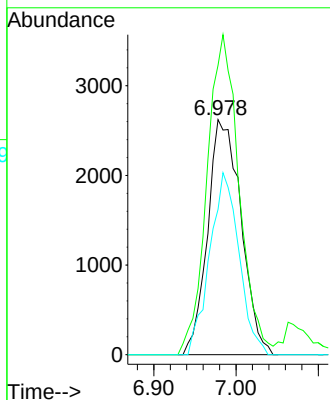
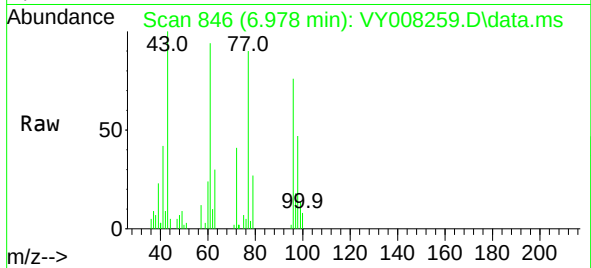




#27
 cis-1,2-Dichloroethene
 Concen: 4.024 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

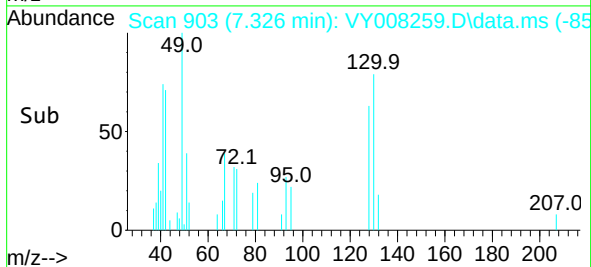
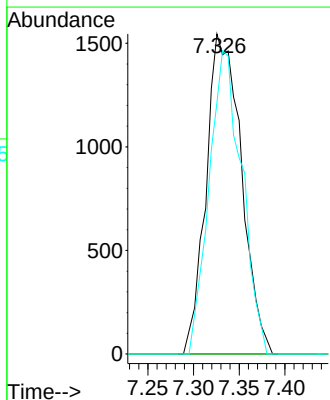
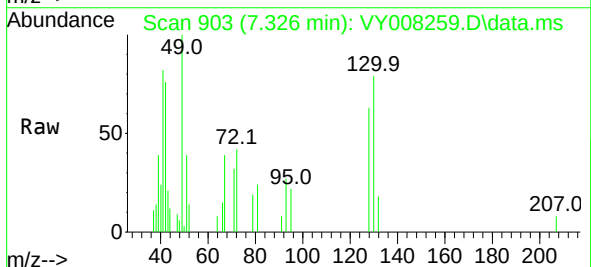
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

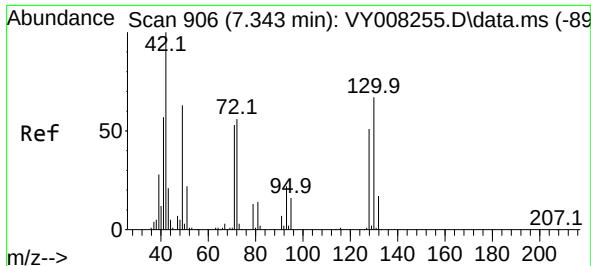
Tgt Ion: 96 Resp: 7394
 Ion Ratio Lower Upper
 96 100
 61 131.0 0.0 319.8
 98 68.0 0.0 127.0



#28
 Bromochloromethane
 Concen: 4.319 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

Tgt Ion: 49 Resp: 4122
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 88.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 26.587 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

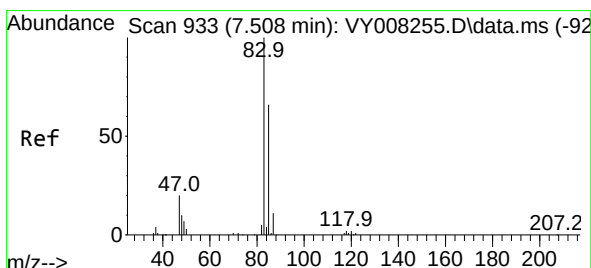
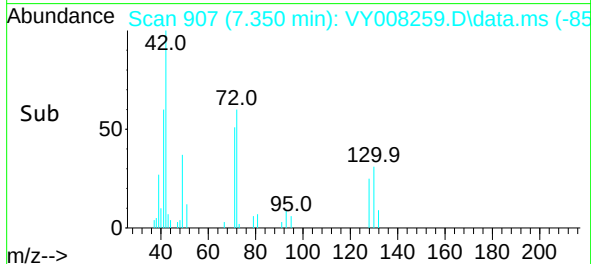
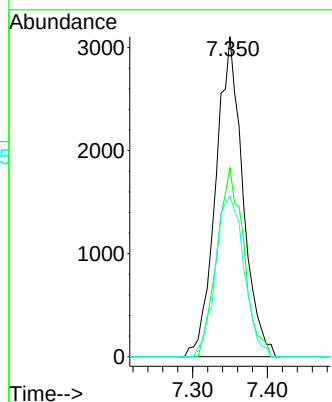
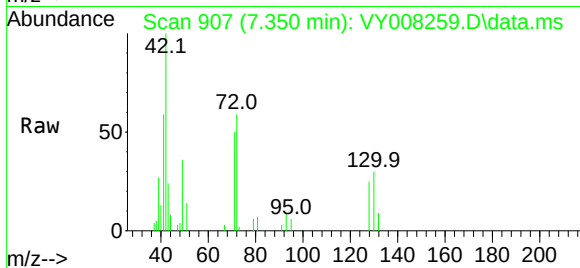
Tgt Ion: 42 Resp: 7828

Ion Ratio Lower Upper

42 100

72 58.2 30.3 45.5#

71 53.5 29.0 43.4#



#30

Chloroform

Concen: 4.359 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008259.D

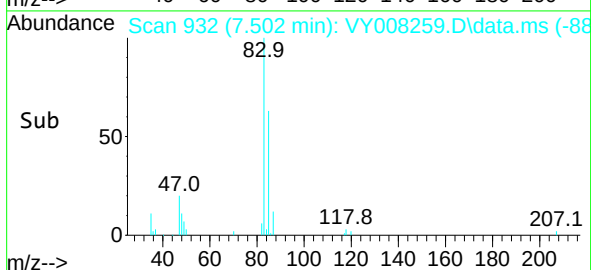
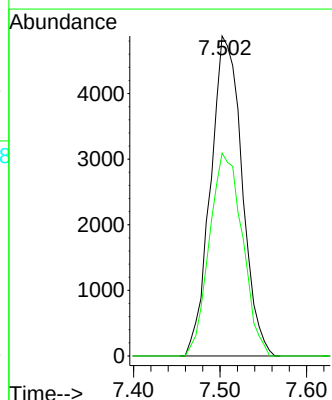
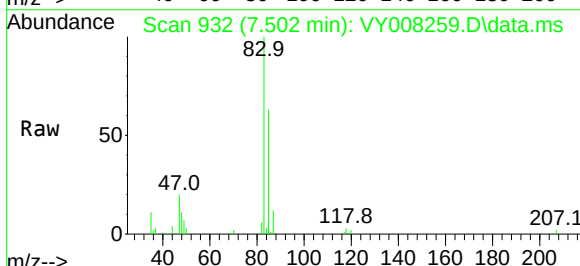
Acq: 08 Apr 2022 14:58

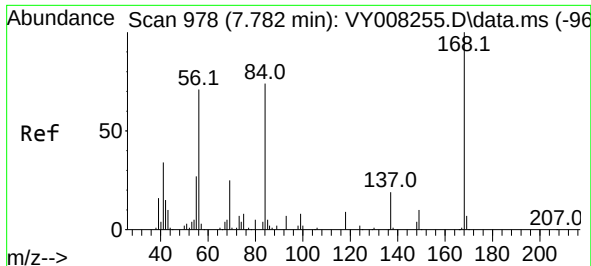
Tgt Ion: 83 Resp: 12265

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

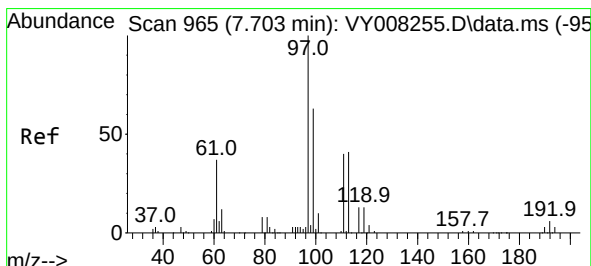
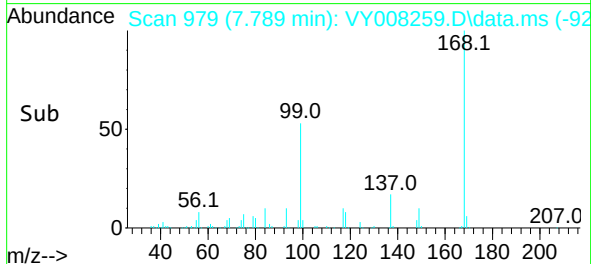
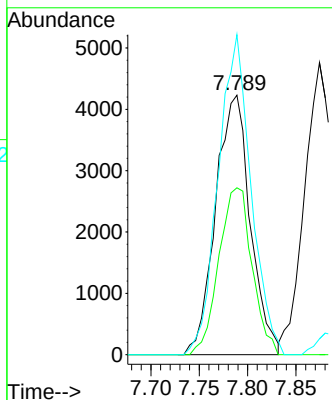
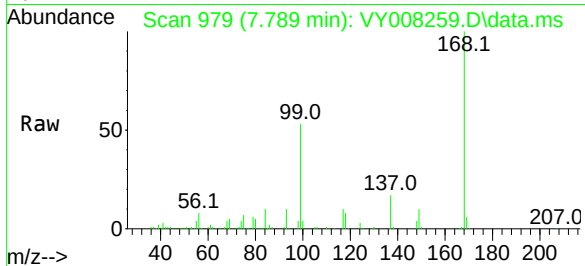




#31
Cyclohexane
Concen: 4.648 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

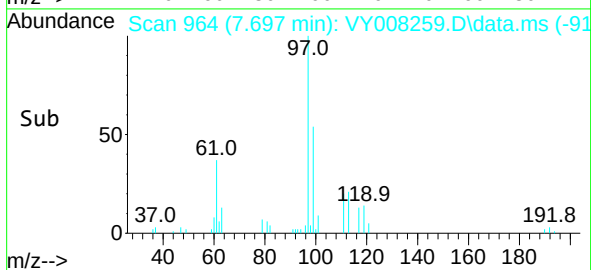
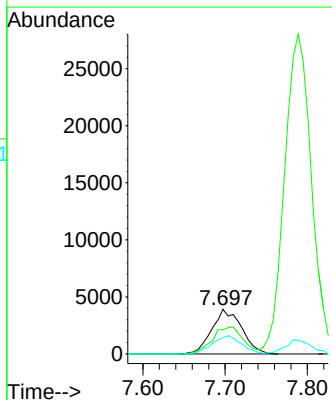
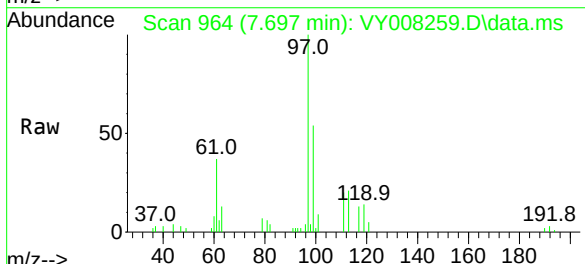
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

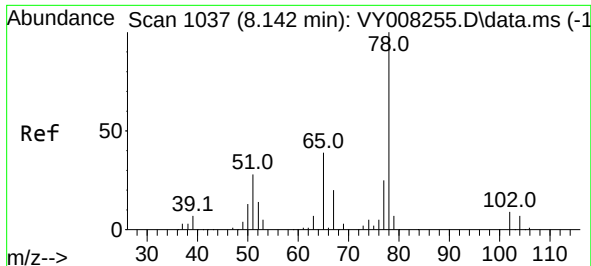
Tgt Ion: 56 Resp: 10553
Ion Ratio Lower Upper
56 100
69 64.3 26.7 40.1#
84 123.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 3.991 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 97 Resp: 9835
Ion Ratio Lower Upper
97 100
99 62.8 50.7 76.1
61 40.2 37.6 56.4

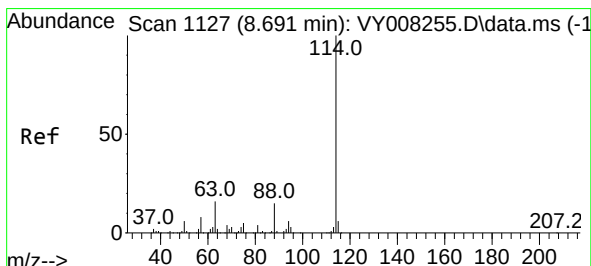
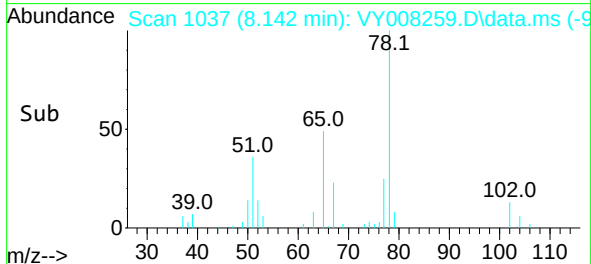
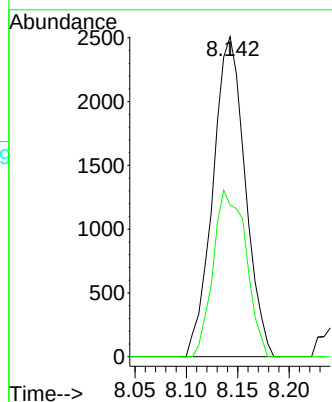
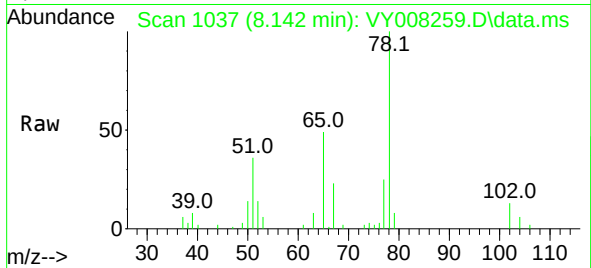




#33
1,2-Dichloroethane-d4
Concen: 4.560 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

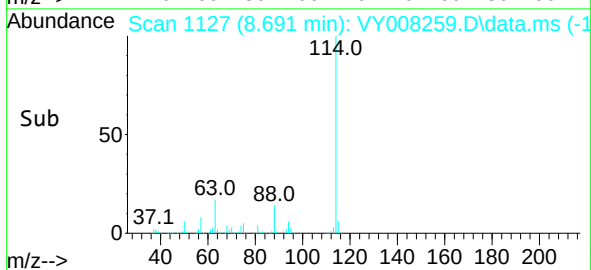
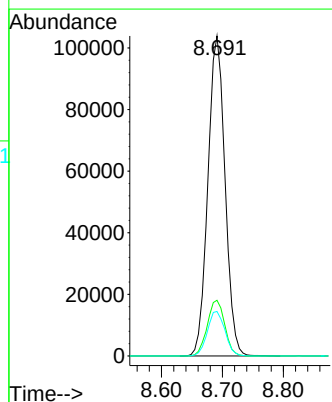
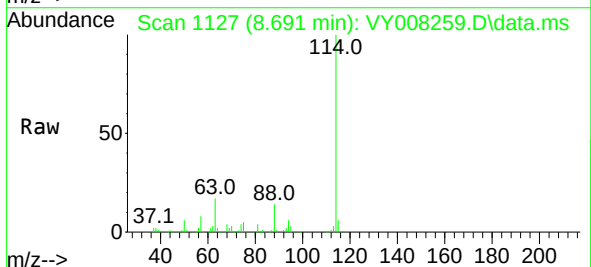
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

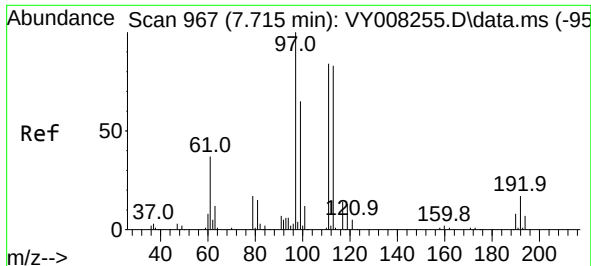
Tgt Ion: 65 Resp: 5471
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 114 Resp: 203153
Ion Ratio Lower Upper
114 100
63 17.4 0.0 43.2
88 13.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 3.712 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

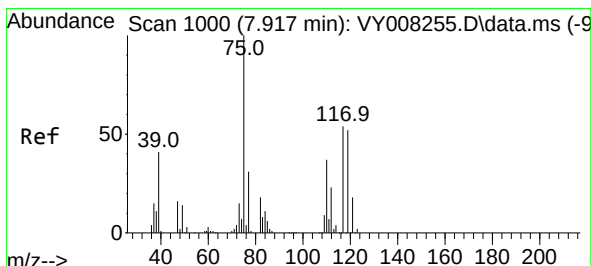
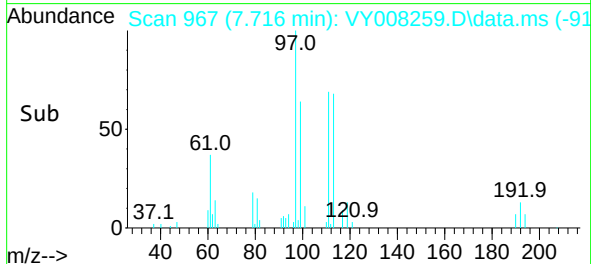
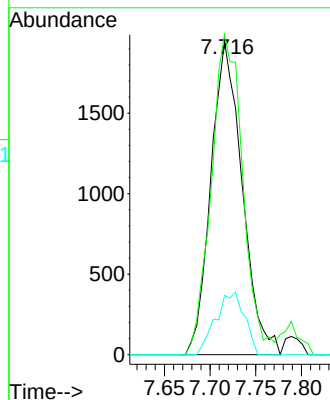
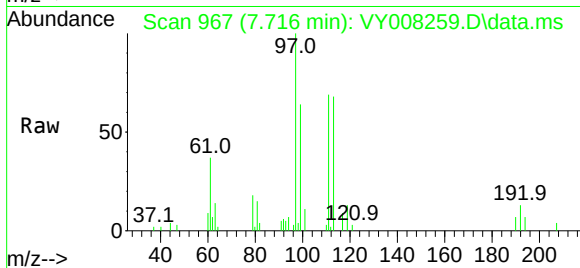
Tgt Ion:113 Resp: 4629

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.4 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.119 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

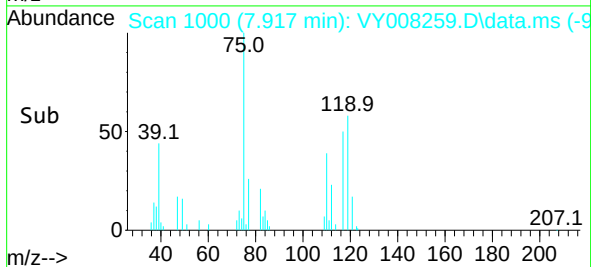
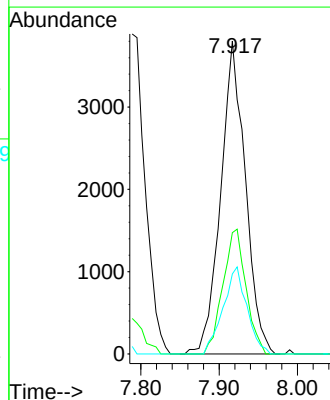
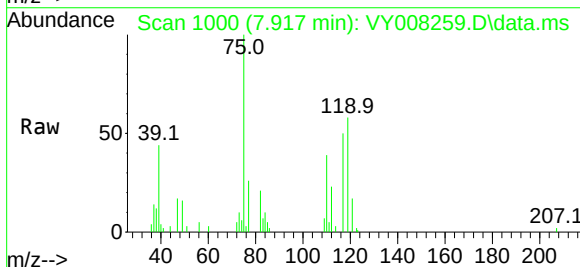
Tgt Ion: 75 Resp: 8332

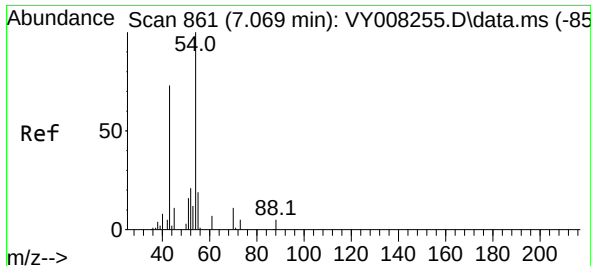
Ion Ratio Lower Upper

75 100

110 37.3 17.1 51.2

77 26.8 24.4 36.6





#37

Ethyl Acetate

Concen: 5.213 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.006 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

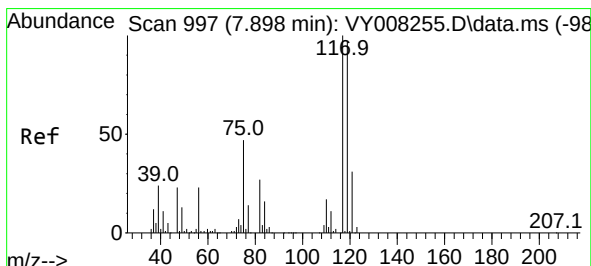
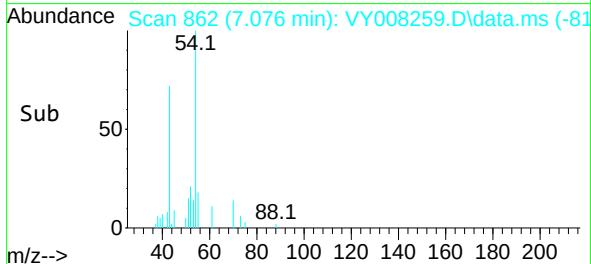
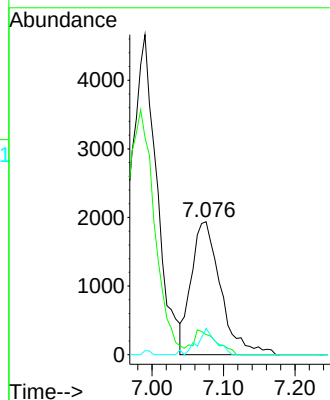
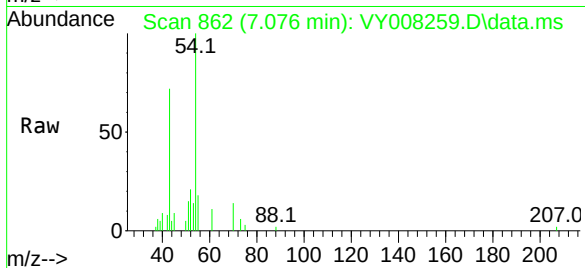
Tgt Ion: 43 Resp: 5542

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 12.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 3.906 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

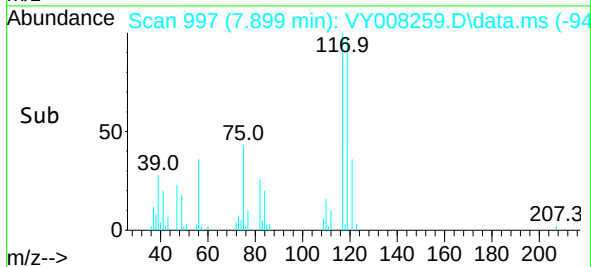
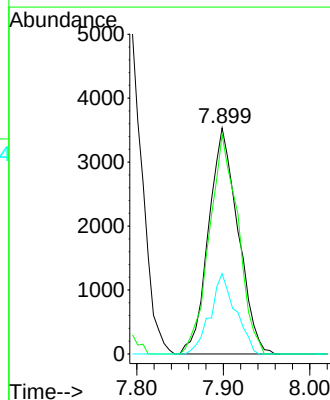
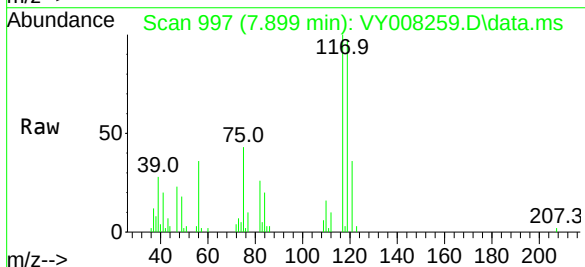
Tgt Ion: 117 Resp: 8363

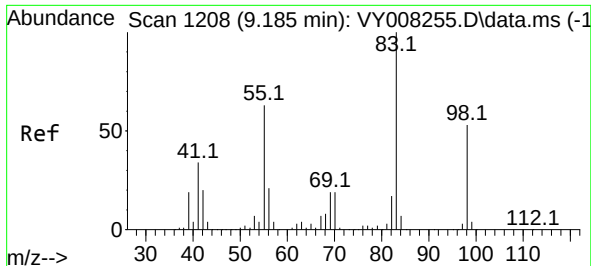
Ion Ratio Lower Upper

117 100

119 97.0 77.9 116.9

121 35.5 24.8 37.2





#39

Methylcyclohexane

Concen: 3.839 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

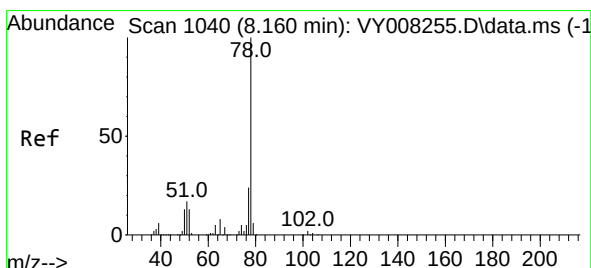
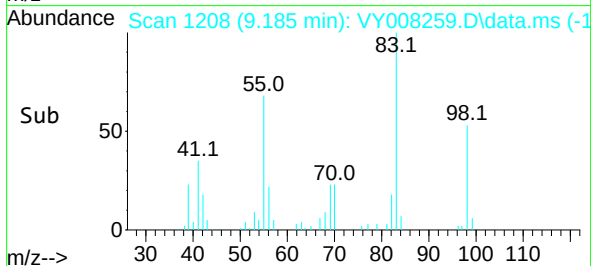
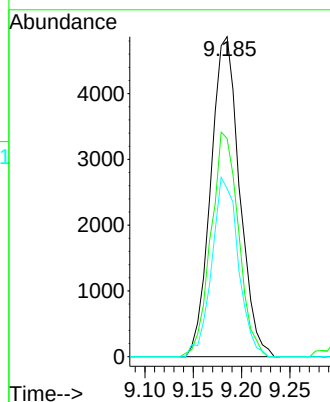
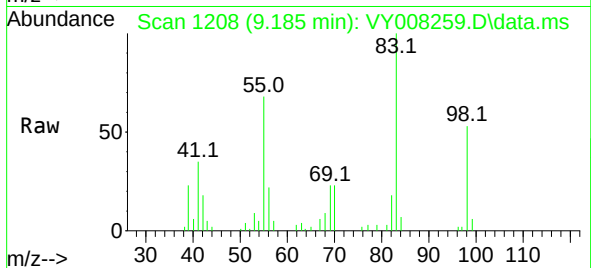
Tgt Ion: 83 Resp: 10053

Ion Ratio Lower Upper

83 100

55 68.2 66.5 99.7

98 52.5 37.9 56.9



#40

Benzene

Concen: 4.166 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008259.D

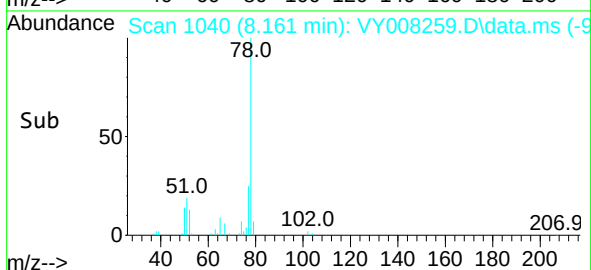
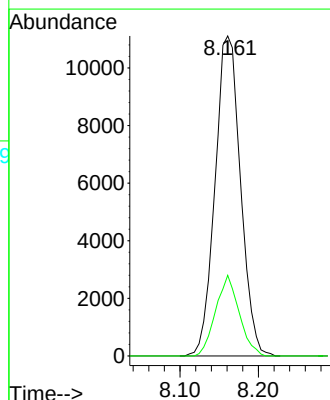
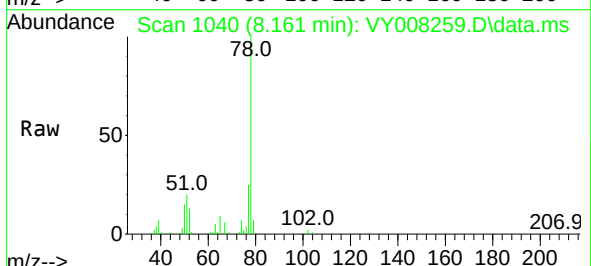
Acq: 08 Apr 2022 14:58

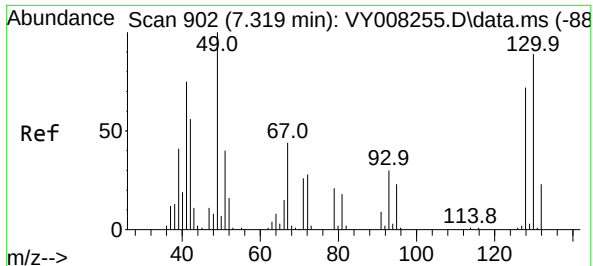
Tgt Ion: 78 Resp: 25129

Ion Ratio Lower Upper

78 100

77 25.2 20.4 30.6

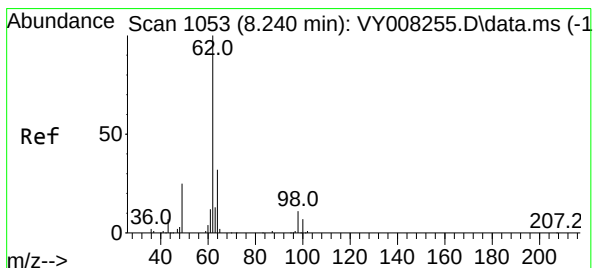
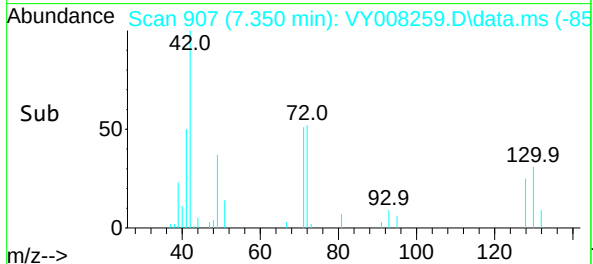
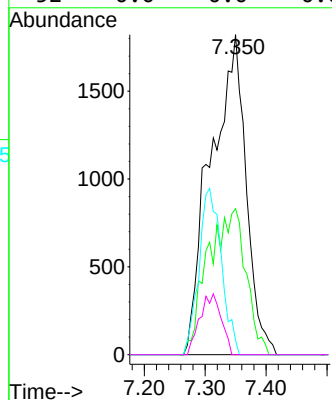
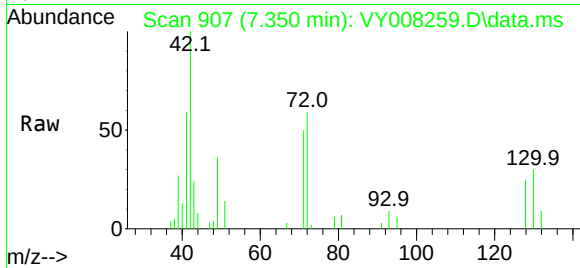




#41
Methacrylonitrile
Concen: 8.828 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

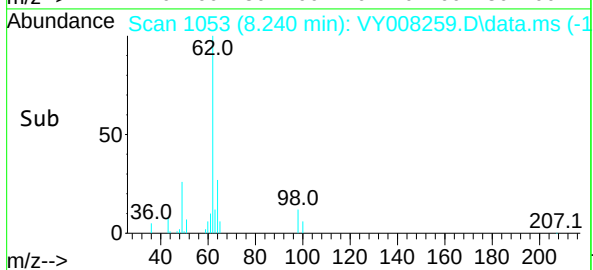
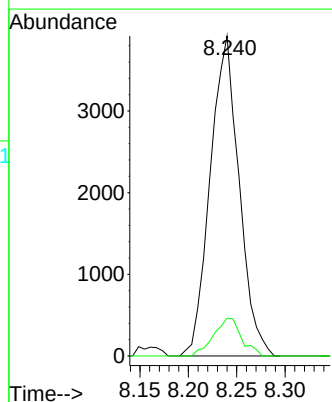
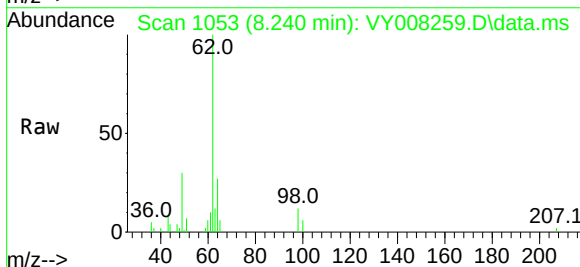
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

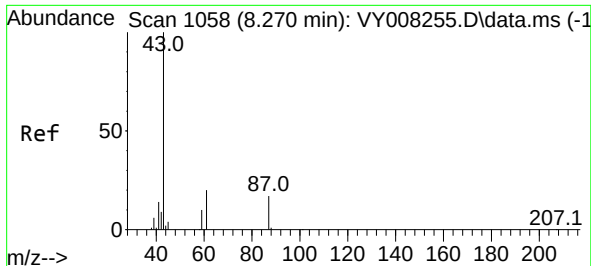
Tgt Ion: 41 Resp: 7297
Ion Ratio Lower Upper
41 100
39 49.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.641 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 62 Resp: 8153
Ion Ratio Lower Upper
62 100
98 11.3 0.0 14.8

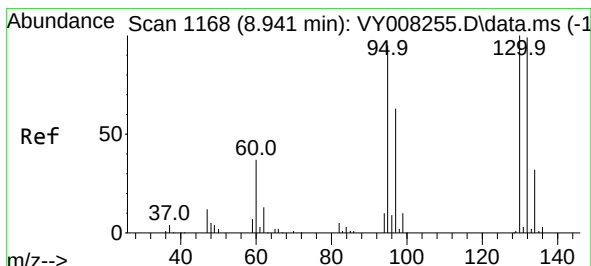
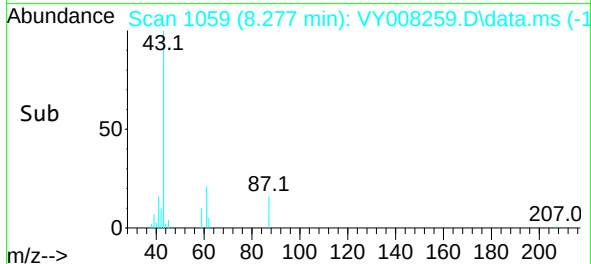
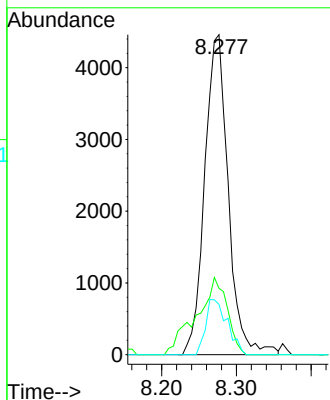
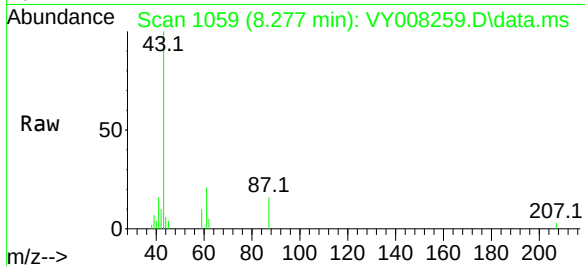




#43
Isopropyl Acetate
Concen: 5.059 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

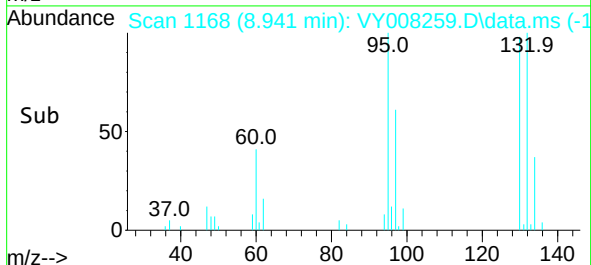
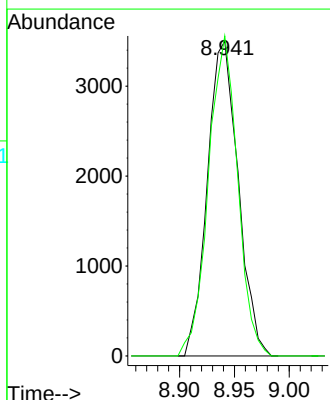
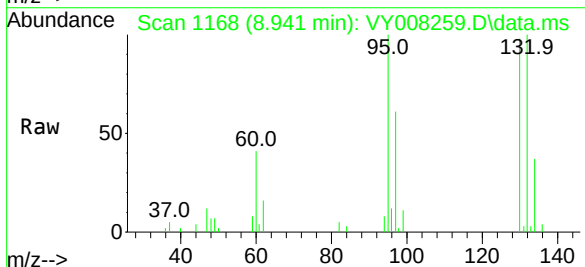
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

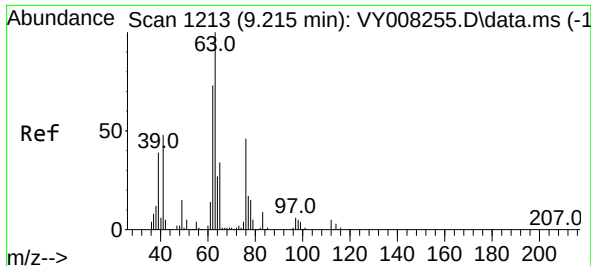
Tgt Ion: 43 Resp: 9767
Ion Ratio Lower Upper
43 100
61 31.5 20.2 30.2#
87 15.8 8.9 13.3#



#44
Trichloroethene
Concen: 3.977 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 130 Resp: 6848
Ion Ratio Lower Upper
130 100
95 101.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.433 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

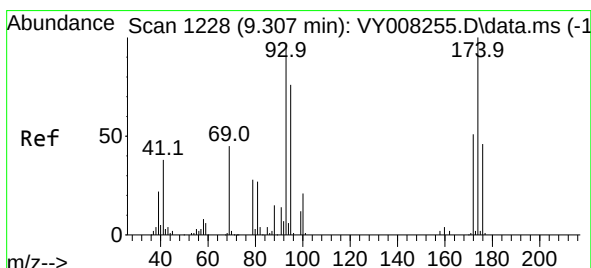
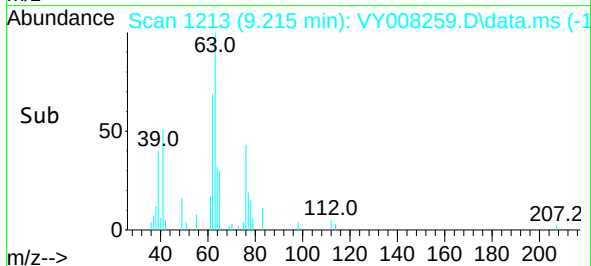
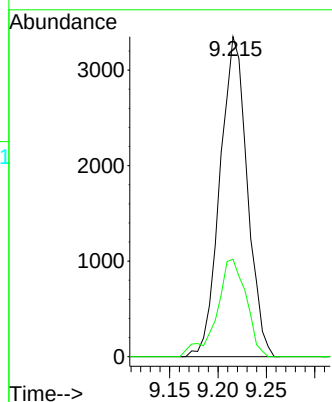
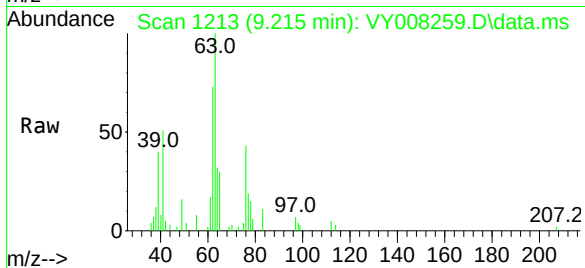
VSTDIC005

Tgt Ion: 63 Resp: 6563

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 4.572 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

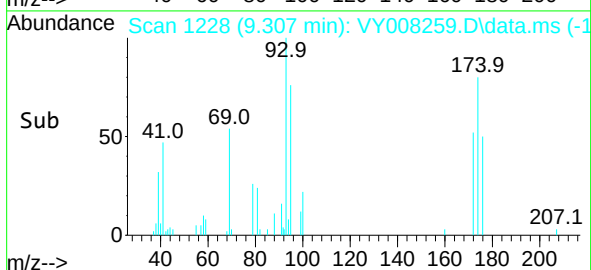
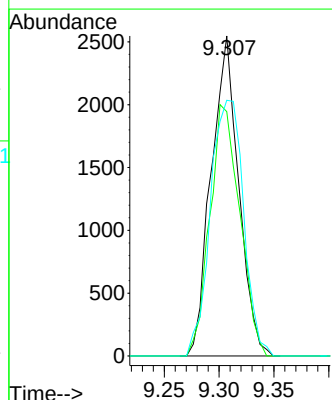
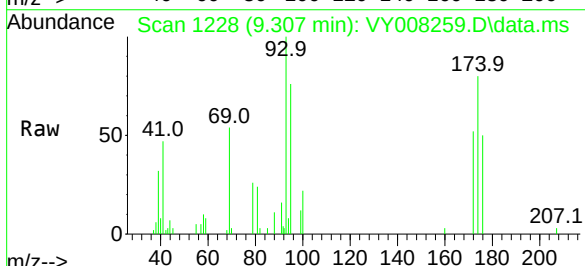
Tgt Ion: 93 Resp: 4443

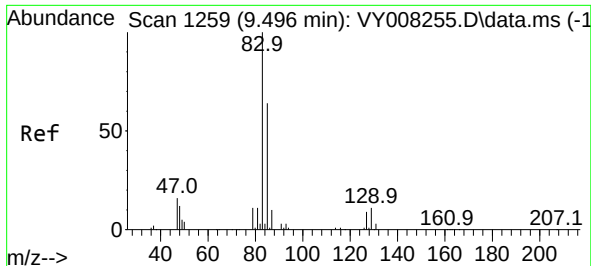
Ion Ratio Lower Upper

93 100

95 85.7 64.3 96.5

174 96.3 83.4 125.0

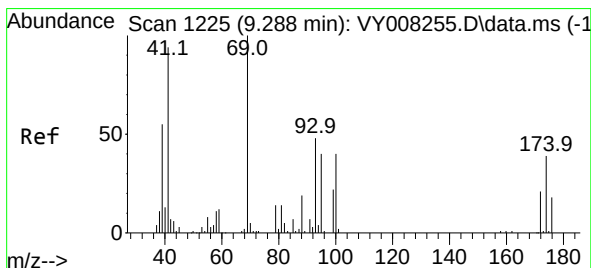
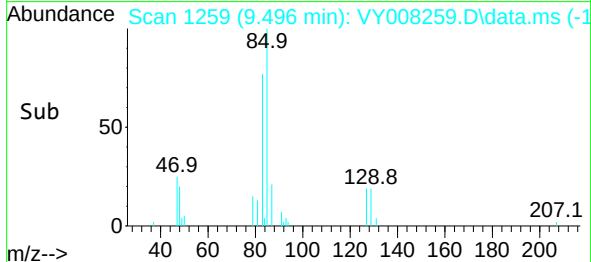
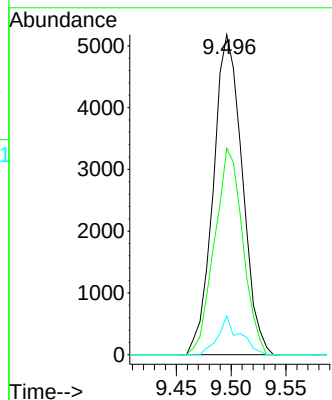
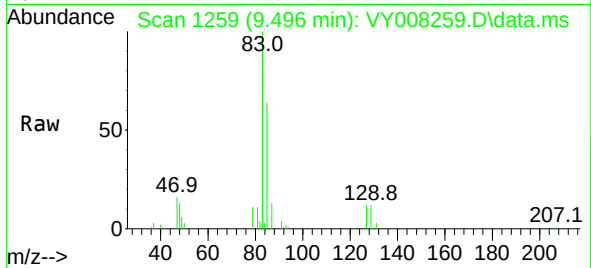




#47
Bromodichloromethane
Concen: 4.412 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

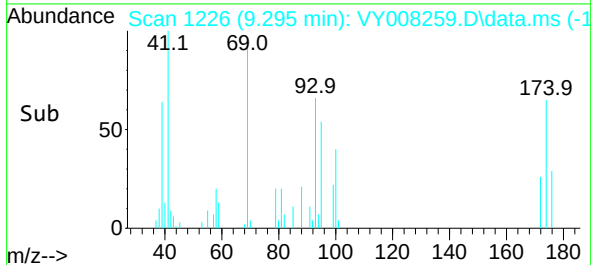
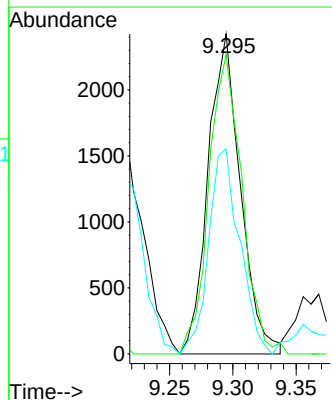
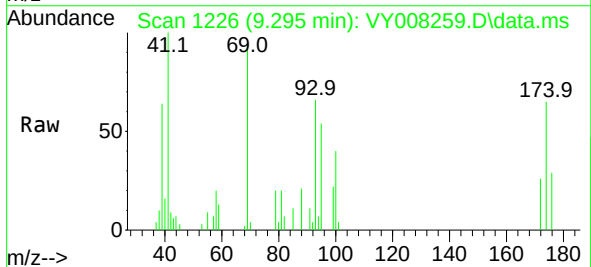
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

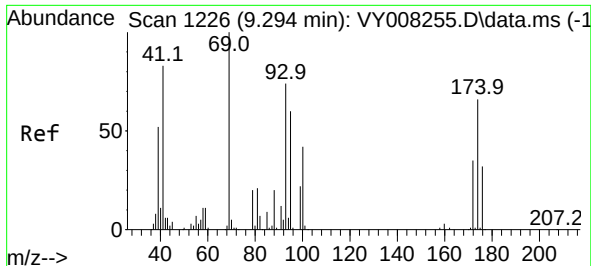
Tgt Ion: 83 Resp: 9509
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9
127 12.2 6.6 10.0#



#48
Methyl methacrylate
Concen: 5.440 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 41 Resp: 4302
Ion Ratio Lower Upper
41 100
69 95.8 58.2 87.2#
39 61.7 47.4 71.0





#49

1,4-Dioxane

Concen: 89.022 ug/l

RT: 9.295 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

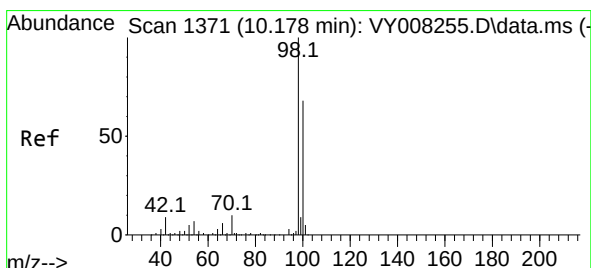
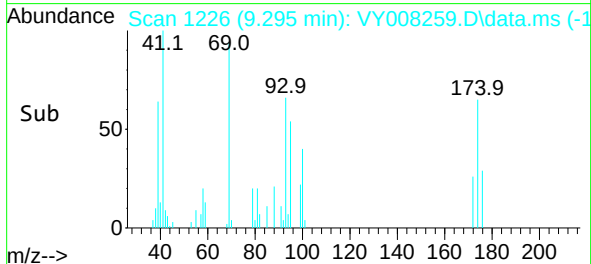
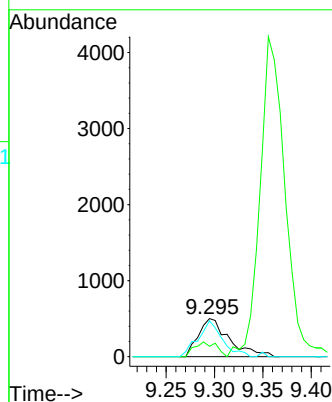
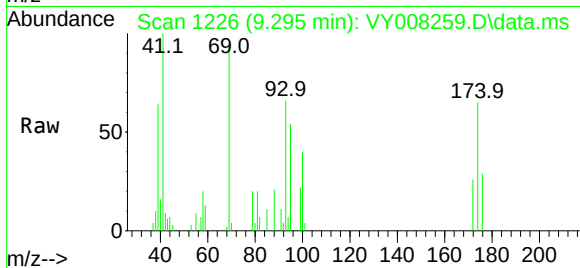
Tgt Ion: 88 Resp: 1112

Ion Ratio Lower Upper

88 100

43 27.3 32.8 49.2#

58 73.8 59.8 89.6



#50

Toluene-d8

Concen: 3.426 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008259.D

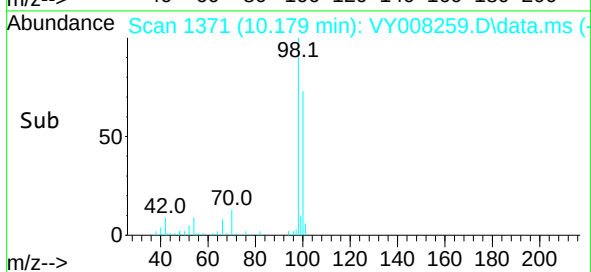
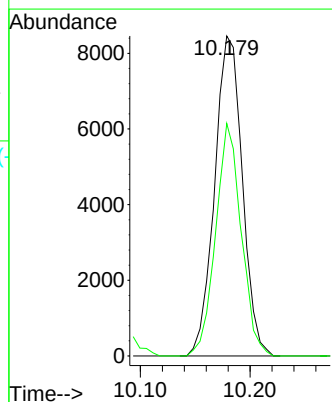
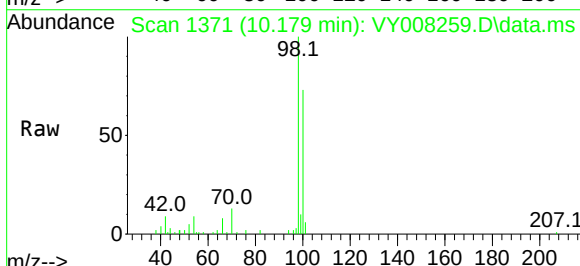
Acq: 08 Apr 2022 14:58

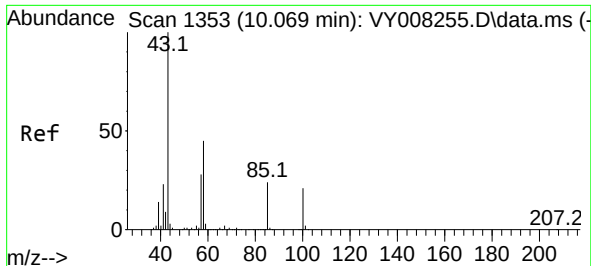
Tgt Ion: 98 Resp: 14862

Ion Ratio Lower Upper

98 100

100 67.0 50.2 75.2

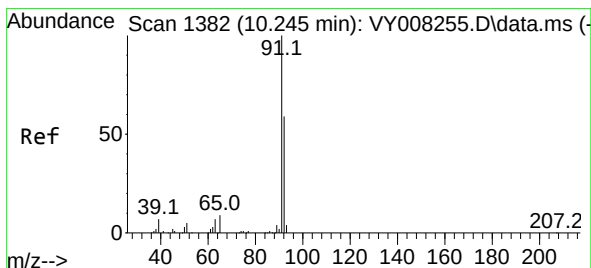
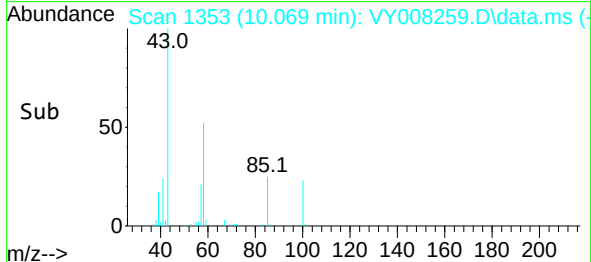
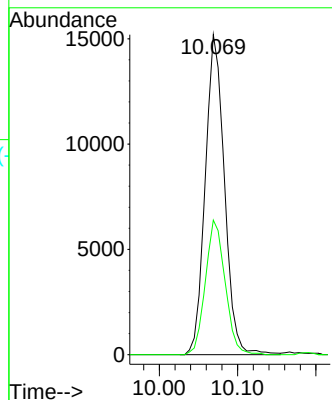
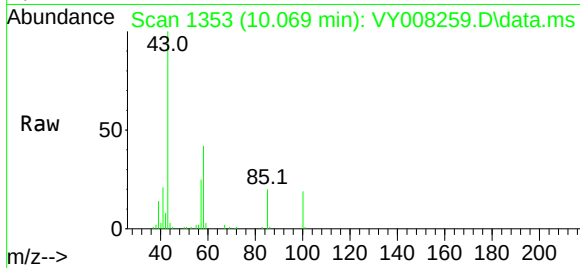




#51
4-Methyl-2-Pentanone
Concen: 26.325 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

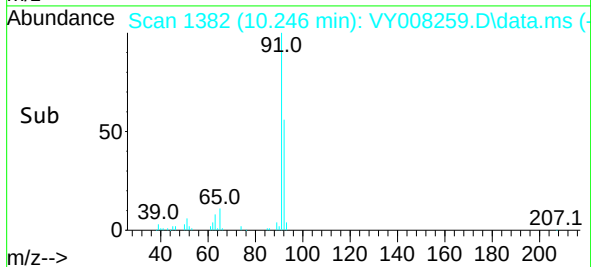
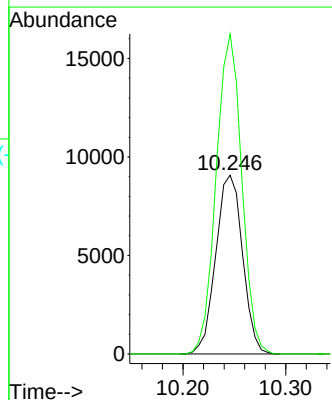
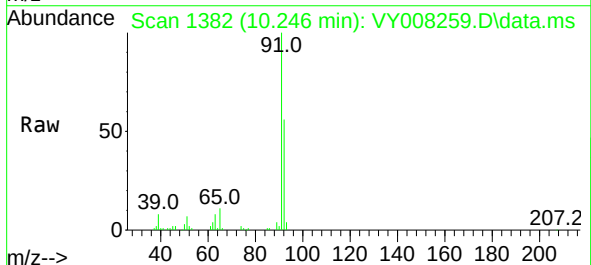
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

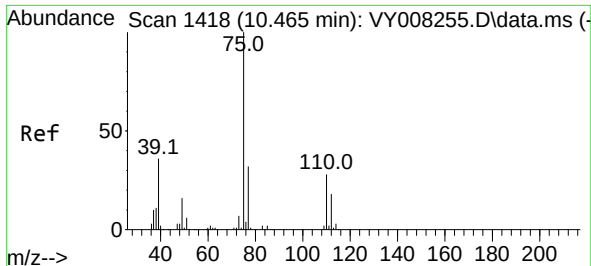
Tgt Ion: 43 Resp: 25906
Ion Ratio Lower Upper
43 100
58 43.2 28.1 42.1#



#52
Toluene
Concen: 4.179 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 92 Resp: 16413
Ion Ratio Lower Upper
92 100
91 170.7 142.6 213.8

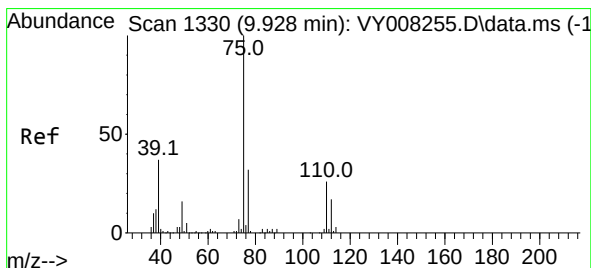
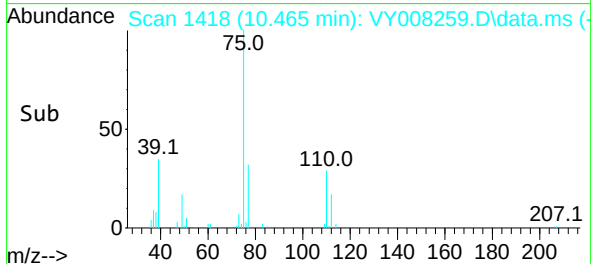
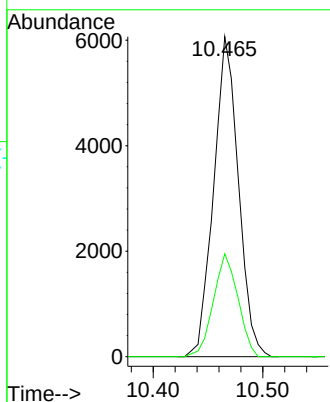
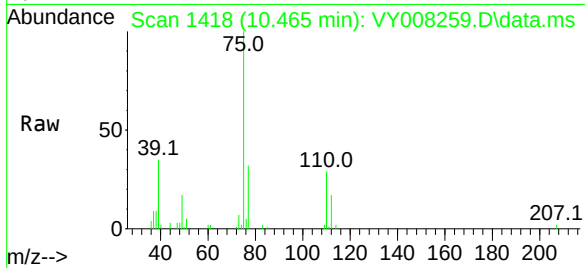




#53
 t-1,3-Dichloropropene
 Concen: 4.337 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

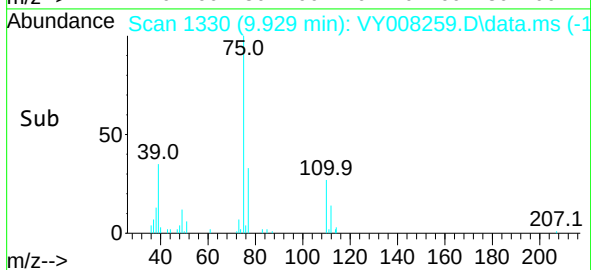
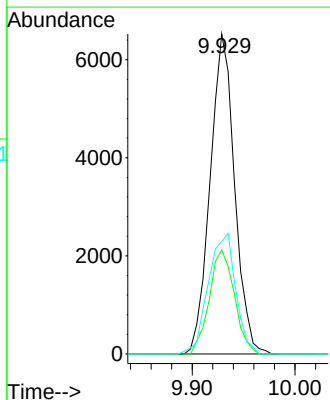
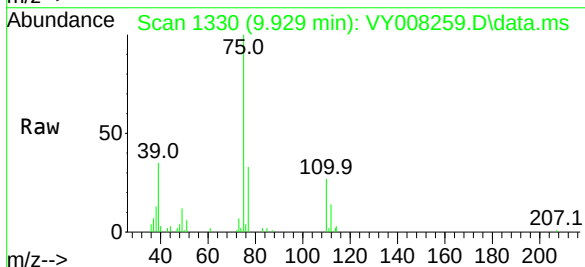
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

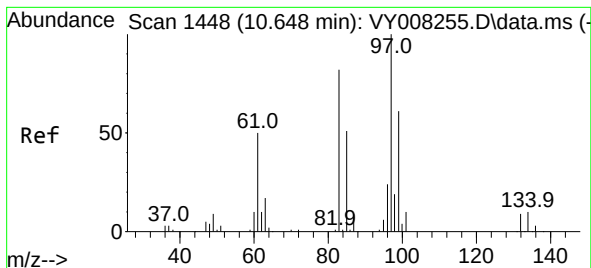
Tgt Ion: 75 Resp: 9523
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.407 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

Tgt Ion: 75 Resp: 10771
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4
 39 35.2 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 4.584 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6279

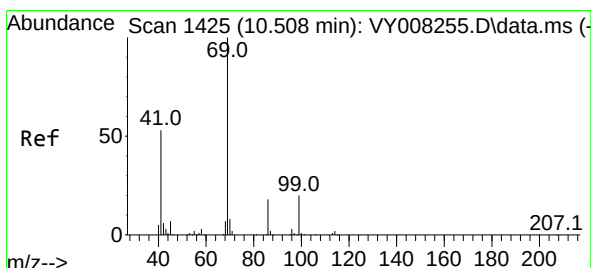
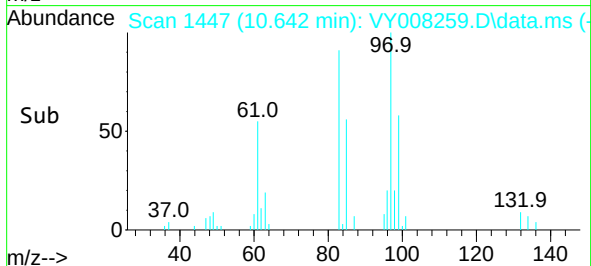
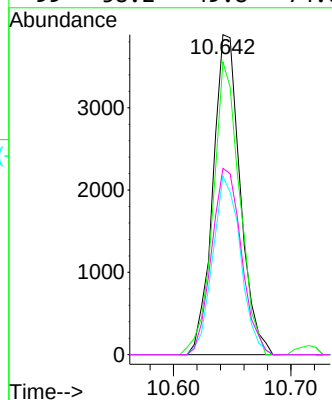
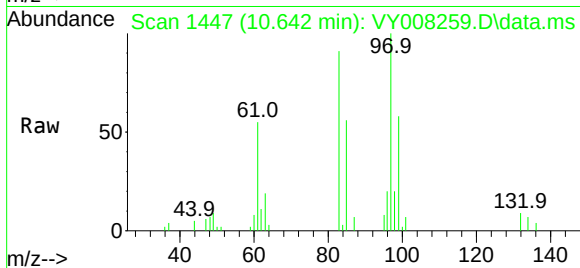
Ion Ratio Lower Upper

97 100

83 91.5 69.8 104.8

85 55.7 44.3 66.5

99 58.2 49.8 74.6



#56

Ethyl methacrylate

Concen: 4.611 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

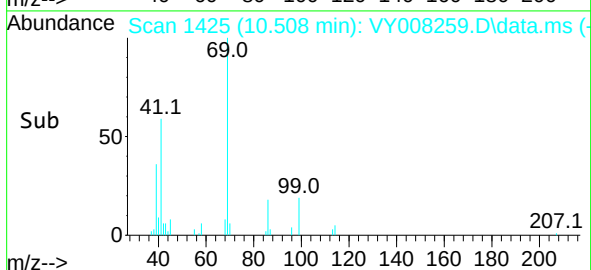
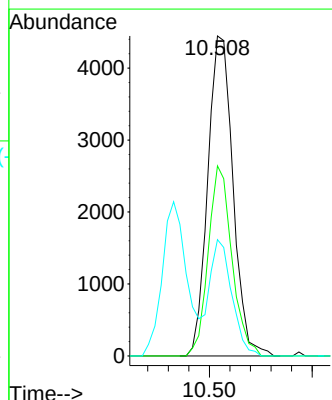
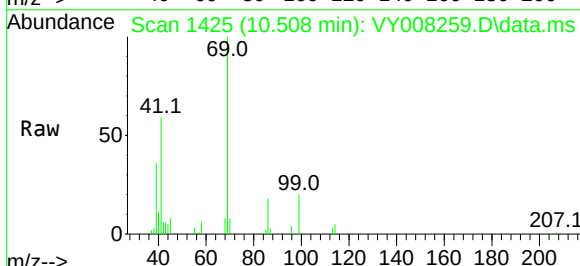
Tgt Ion: 69 Resp: 7563

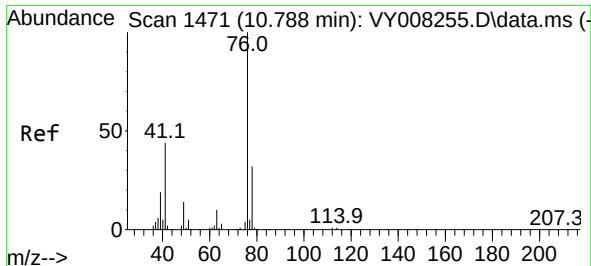
Ion Ratio Lower Upper

69 100

41 55.8 63.4 95.0#

39 32.8 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 4.677 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

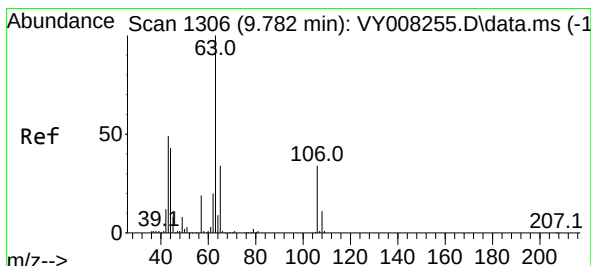
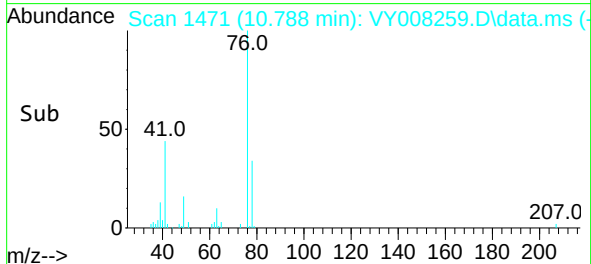
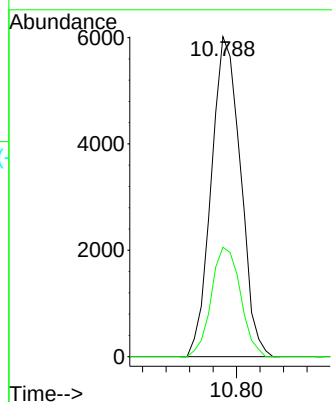
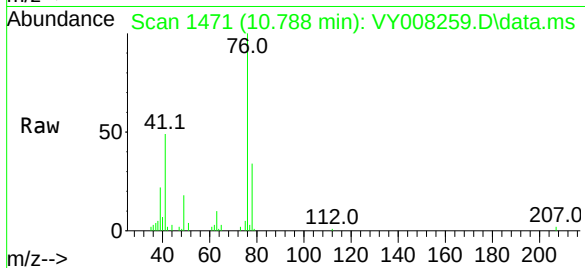
VSTDIC005

Tgt Ion: 76 Resp: 10377

Ion Ratio Lower Upper

76 100

78 34.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 24.132 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008259.D

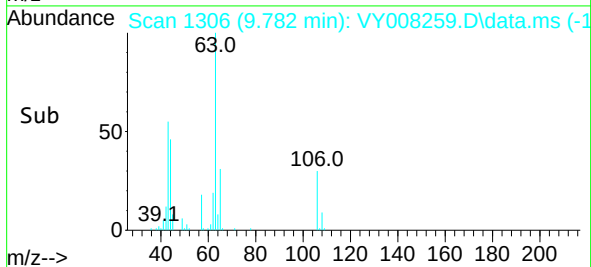
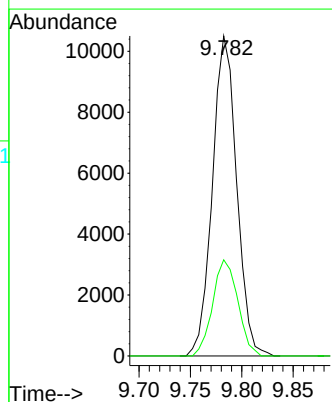
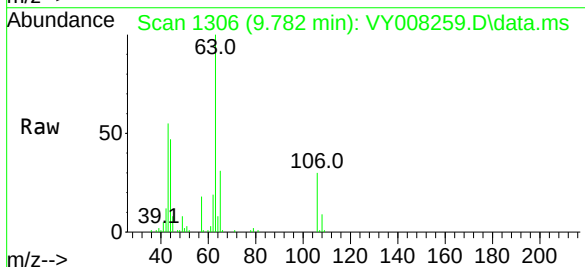
Acq: 08 Apr 2022 14:58

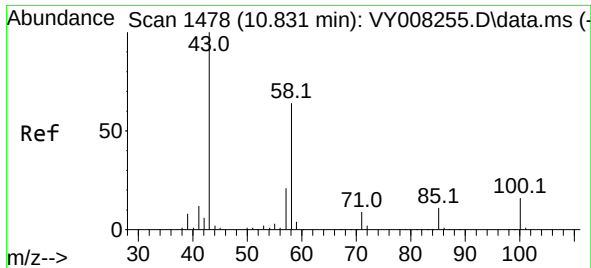
Tgt Ion: 63 Resp: 17229

Ion Ratio Lower Upper

63 100

106 31.1 21.5 32.3

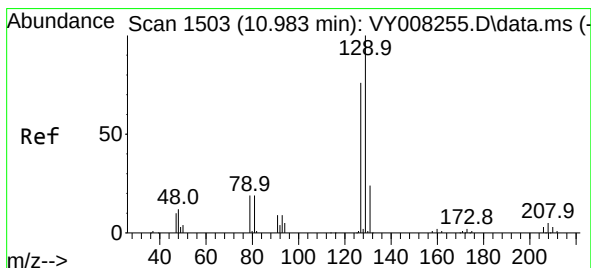
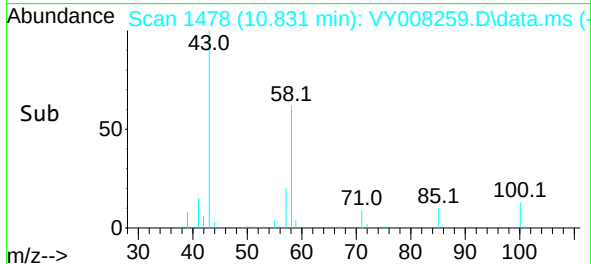
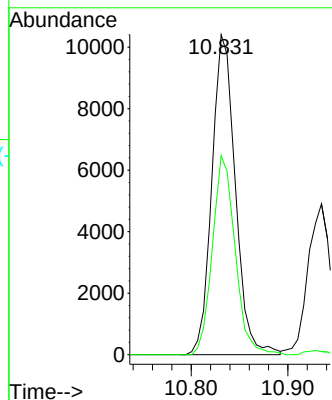
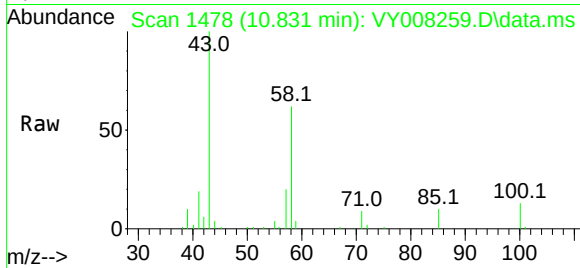




#59
2-Hexanone
Concen: 25.876 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

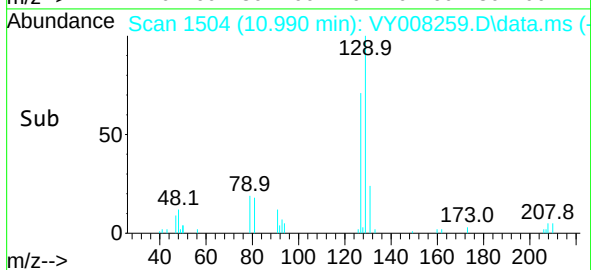
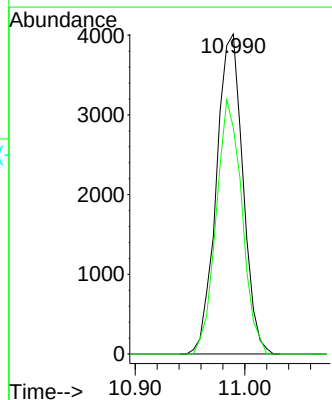
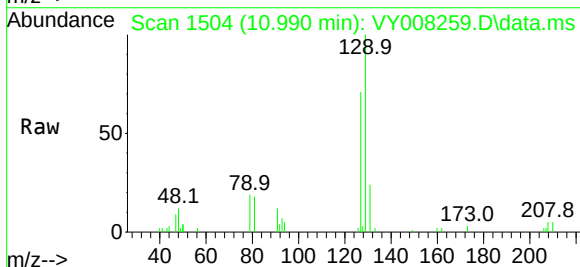
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

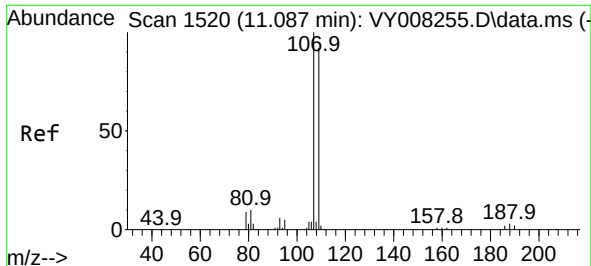
Tgt Ion: 43 Resp: 17519
Ion Ratio Lower Upper
43 100
58 60.2 24.4 73.4



#60
Dibromochloromethane
Concen: 4.271 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 129 Resp: 6761
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

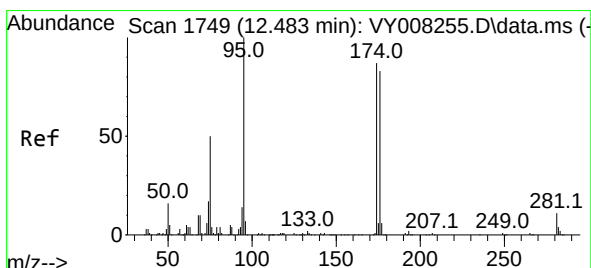
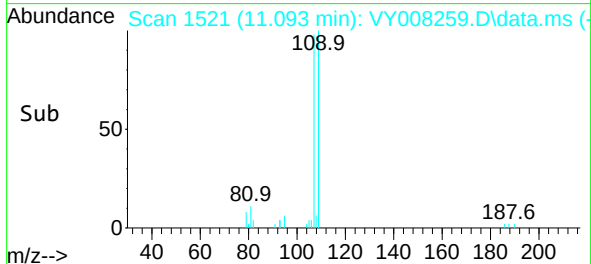
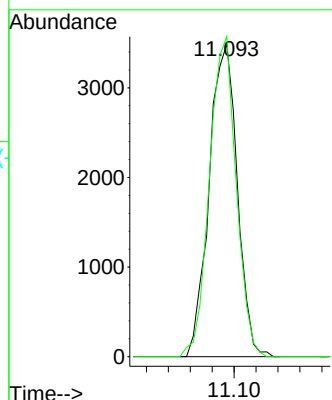
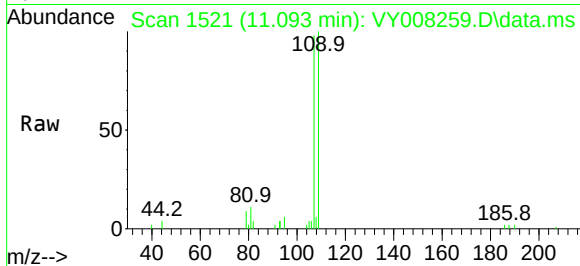




#61
1,2-Dibromoethane
Concen: 4.683 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

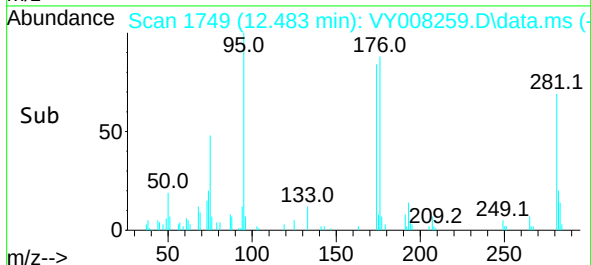
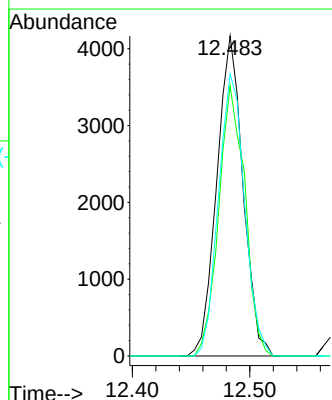
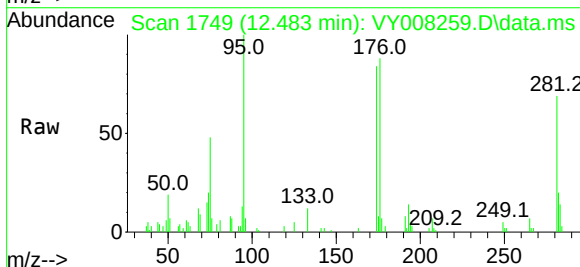
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

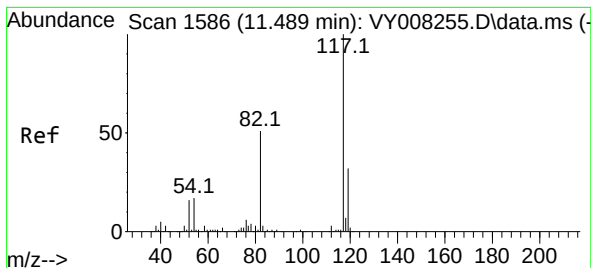
Tgt Ion:107 Resp: 6205
Ion Ratio Lower Upper
107 100
109 97.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 3.968 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 95 Resp: 6463
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 87.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

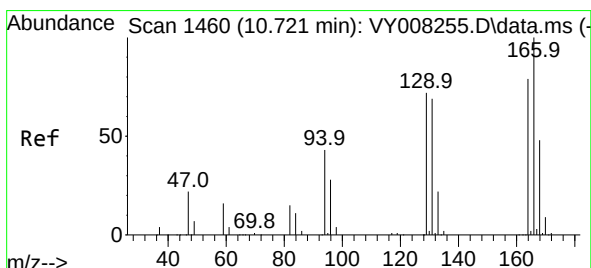
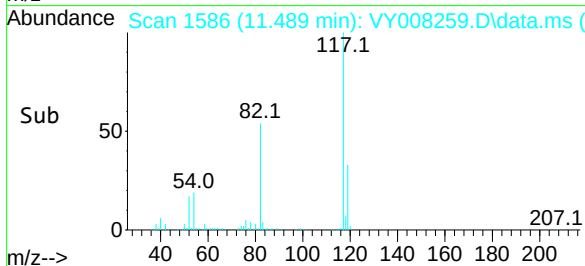
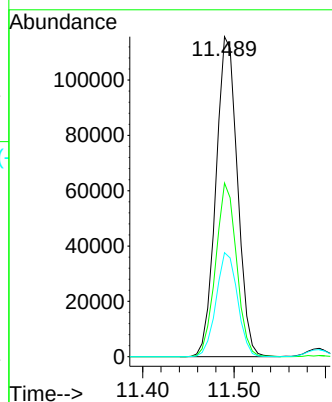
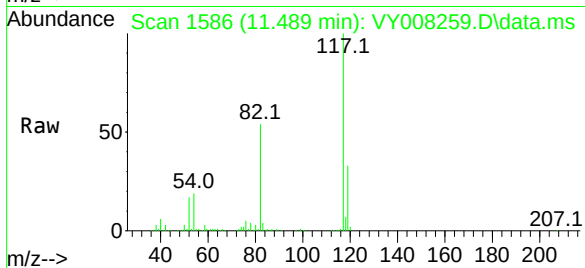
Tgt Ion:117 Resp: 189893

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 32.5 25.4 38.0



#64

Tetrachloroethene

Concen: 4.054 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Tgt Ion:164 Resp: 5801

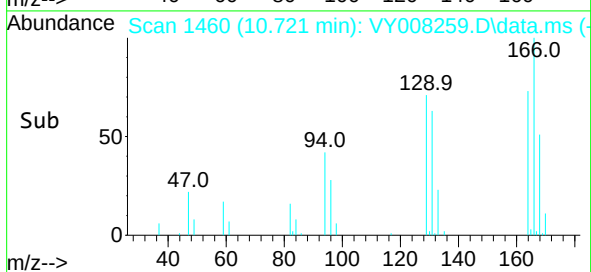
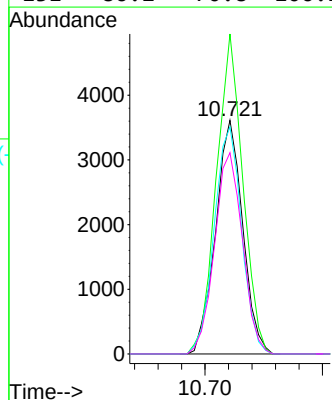
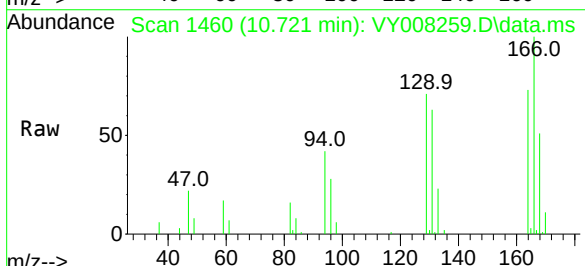
Ion Ratio Lower Upper

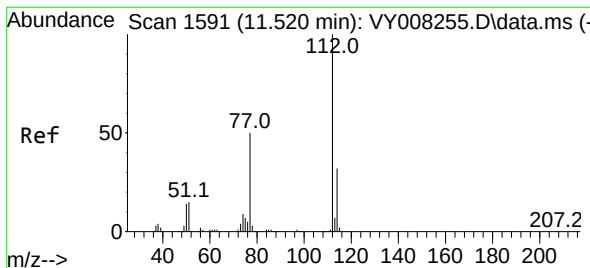
164 100

166 137.0 100.4 150.6

129 97.2 71.4 107.0

131 86.2 70.8 106.2

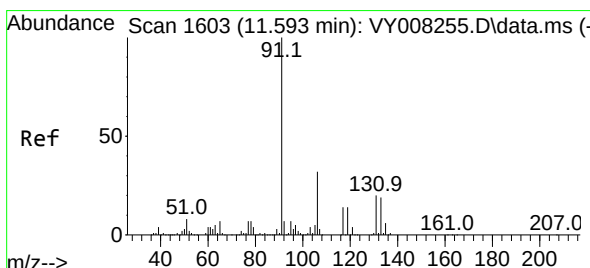
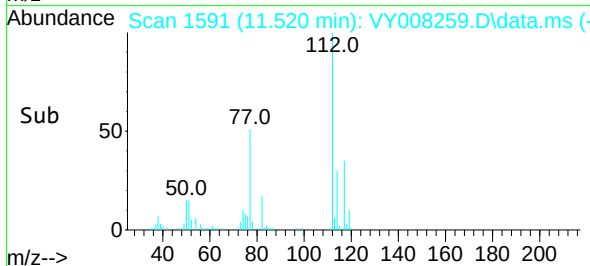
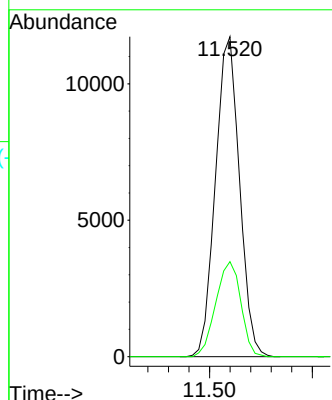
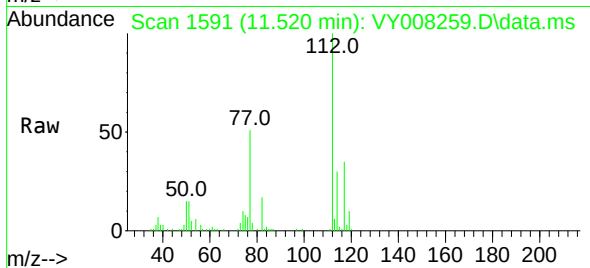




#65
Chlorobenzene
Concen: 4.397 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

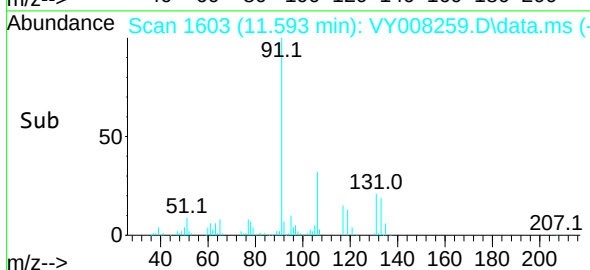
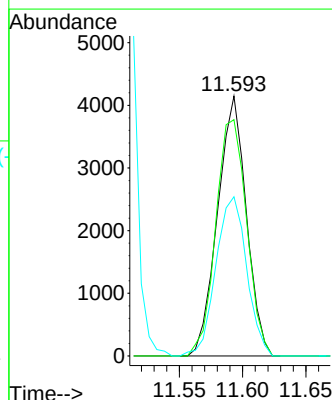
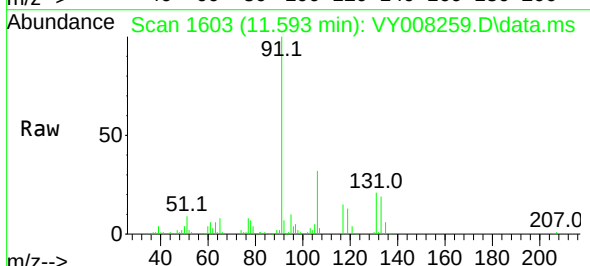
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

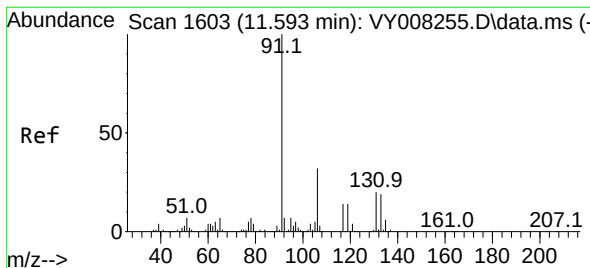
Tgt Ion:112 Resp: 19010
Ion Ratio Lower Upper
112 100
114 29.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.172 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion:131 Resp: 6553
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.6
119 65.6 30.8 92.3





#67

Ethyl Benzene

Concen: 4.171 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

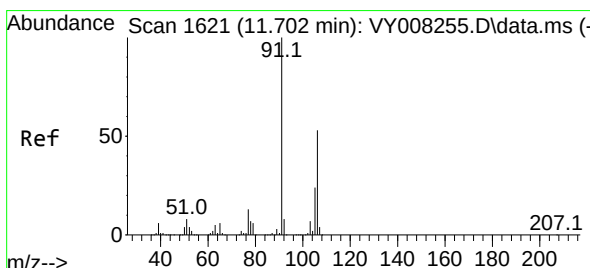
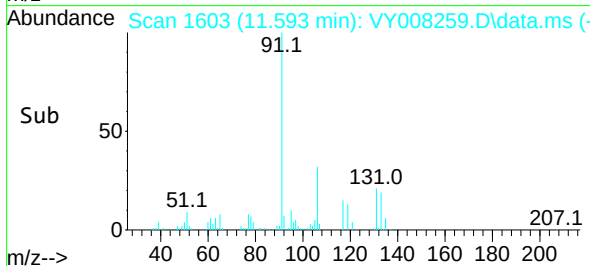
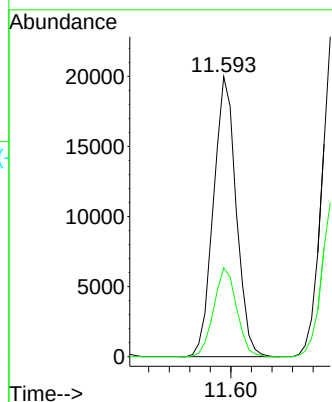
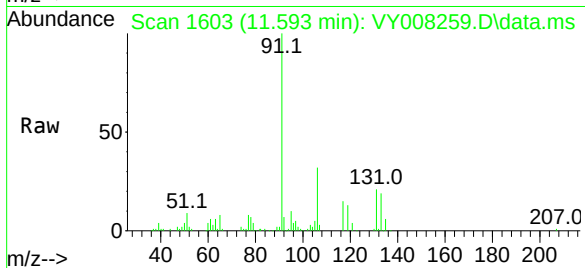
VSTDIC005

Tgt Ion: 91 Resp: 30660

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 8.152 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008259.D

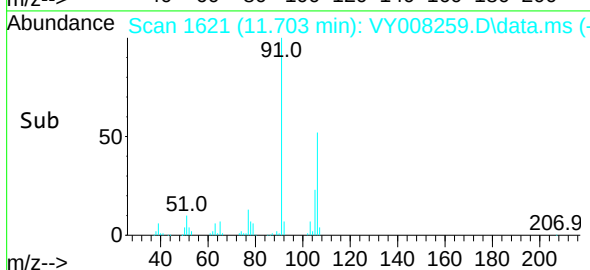
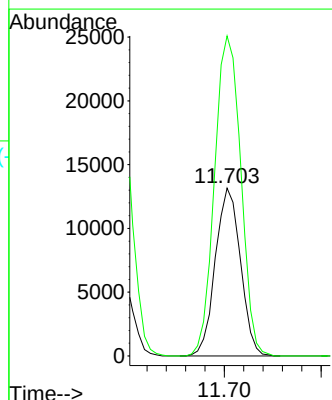
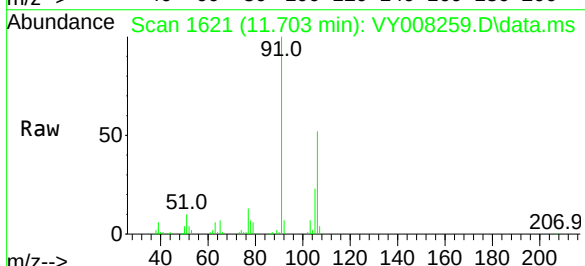
Acq: 08 Apr 2022 14:58

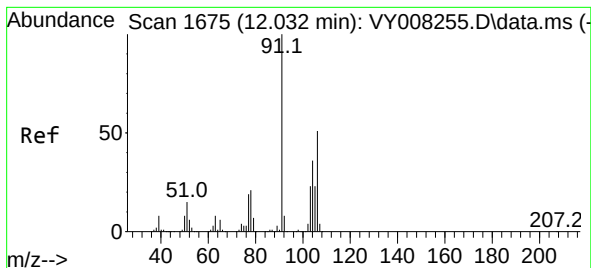
Tgt Ion: 106 Resp: 23739

Ion Ratio Lower Upper

106 100

91 199.3 166.6 249.8





#69

o-Xylene

Concen: 4.187 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

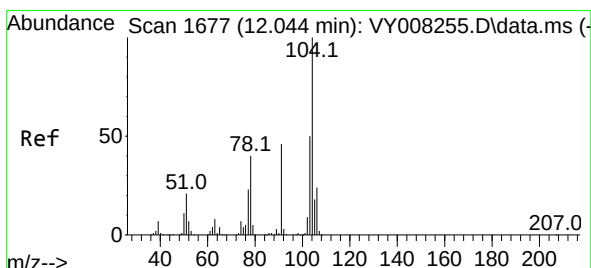
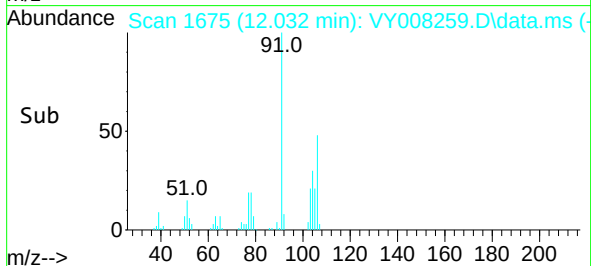
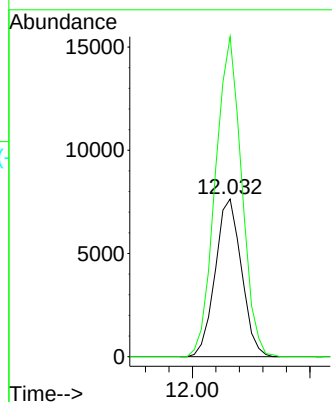
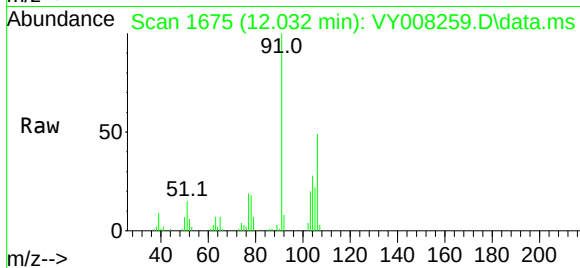
VSTDIC005

Tgt Ion:106 Resp: 11828

Ion Ratio Lower Upper

106 100

91 203.6 110.3 331.0



#70

Styrene

Concen: 4.112 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

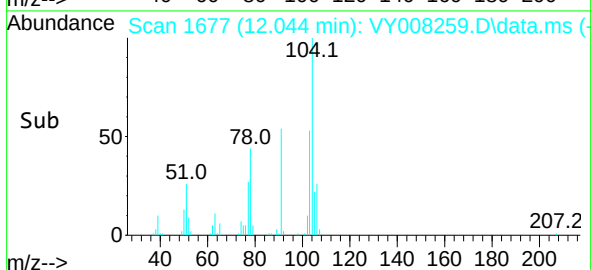
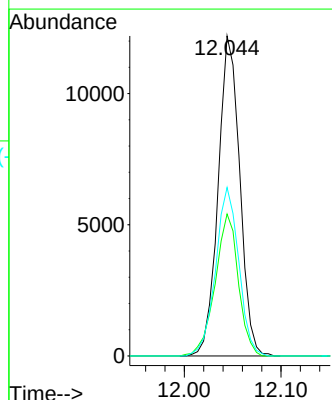
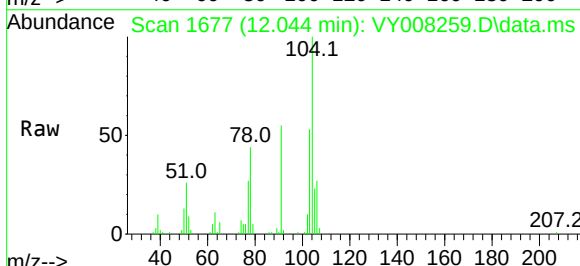
Tgt Ion:104 Resp: 18944

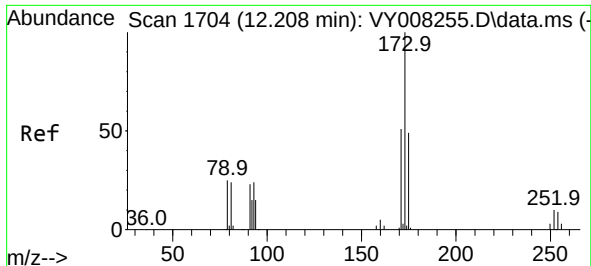
Ion Ratio Lower Upper

104 100

78 47.5 42.4 63.6

103 56.3 44.4 66.6

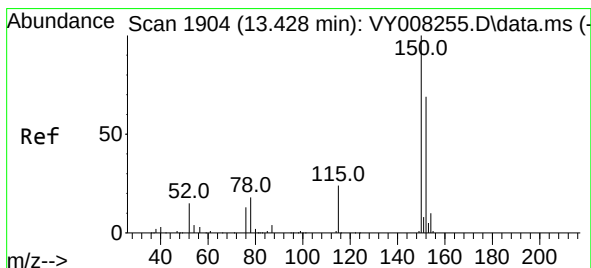
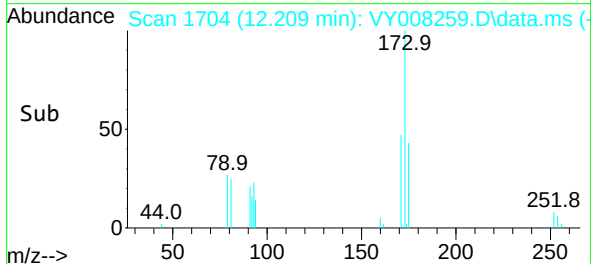
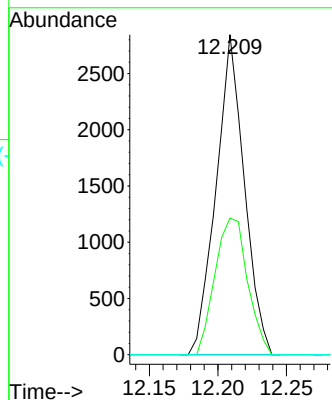
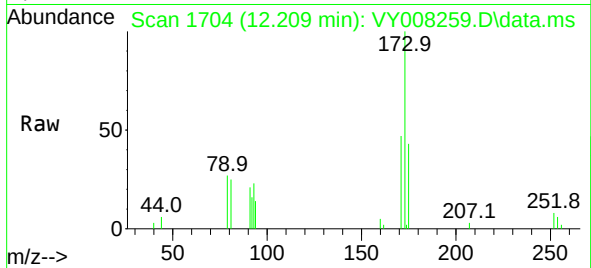




#71
Bromoform
Concen: 4.346 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

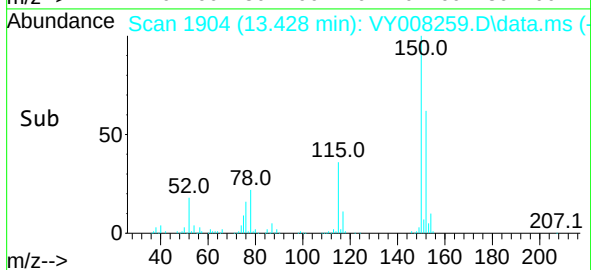
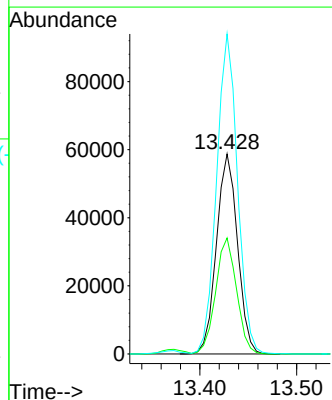
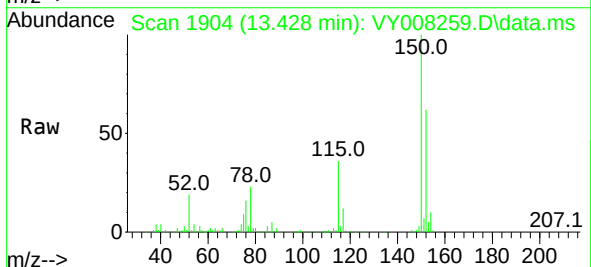
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

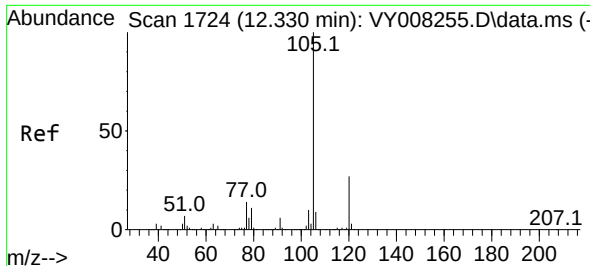
Tgt Ion:173 Resp: 4075
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion:152 Resp: 88742
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 159.0 0.0 347.6

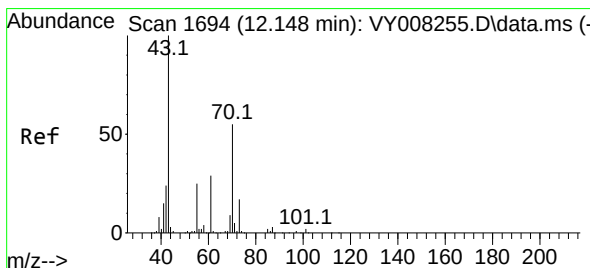
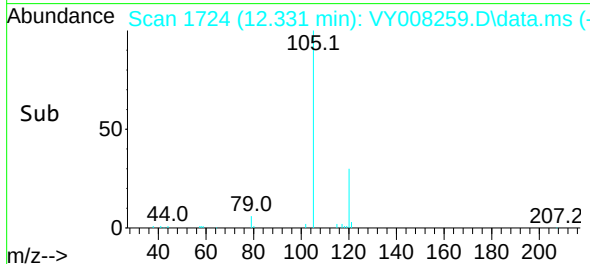
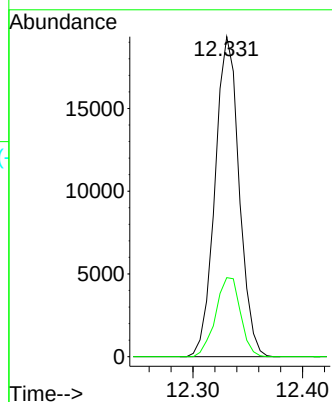
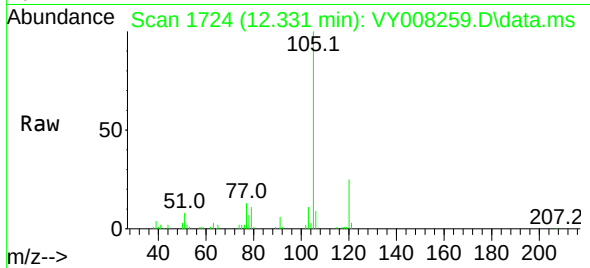




#73
Isopropylbenzene
Concen: 4.222 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

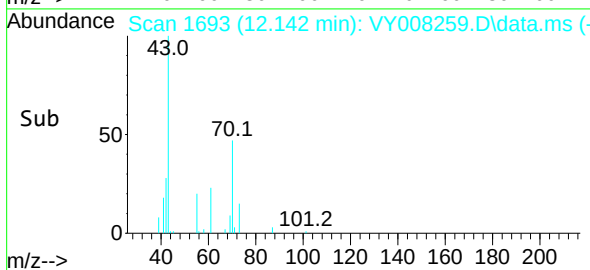
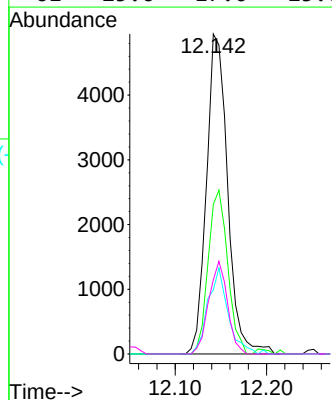
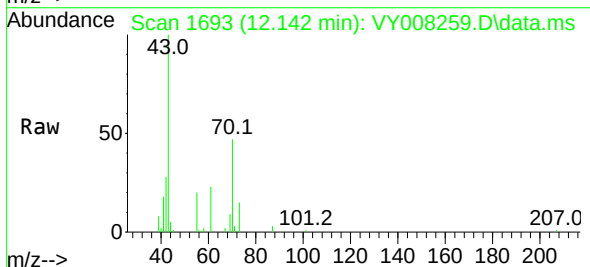
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

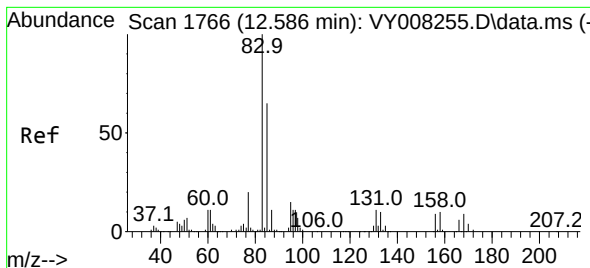
Tgt Ion:105 Resp: 29660
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.2



#74
N-ethyl acetate
Concen: 5.156 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 43 Resp: 7957
Ion Ratio Lower Upper
43 100
70 47.2 28.7 43.1#
55 25.6 17.3 25.9
61 25.6 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.074 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

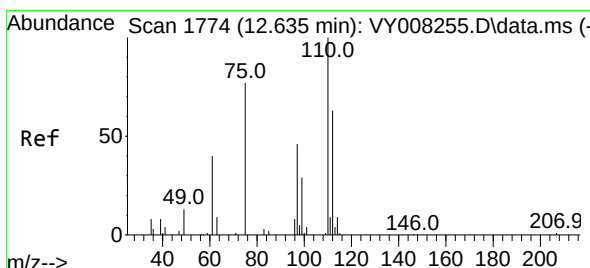
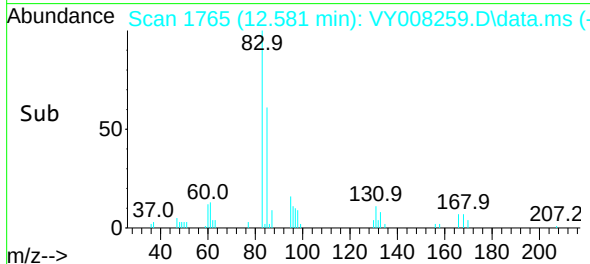
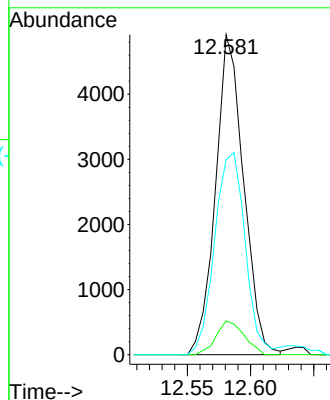
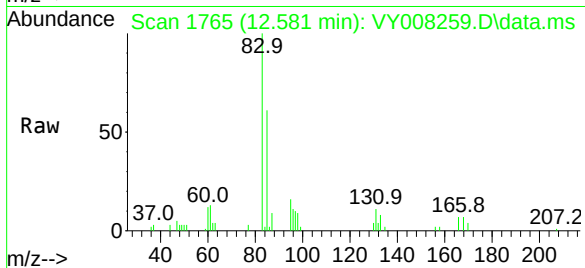
Tgt Ion: 83 Resp: 7579

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

85 68.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 7.081 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY008259.D

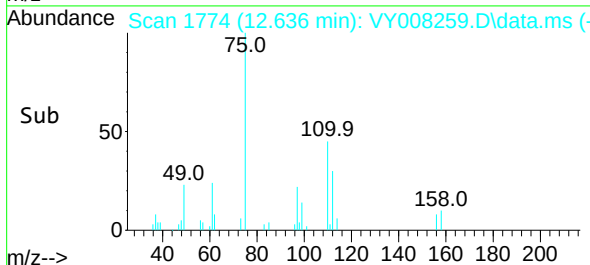
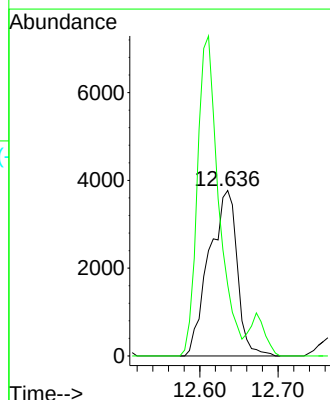
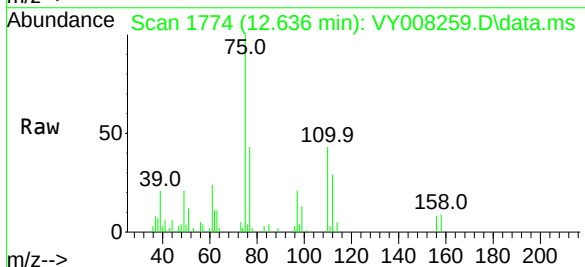
Acq: 08 Apr 2022 14:58

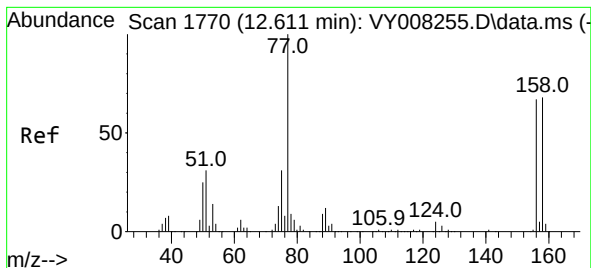
Tgt Ion: 75 Resp: 9428

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.346 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

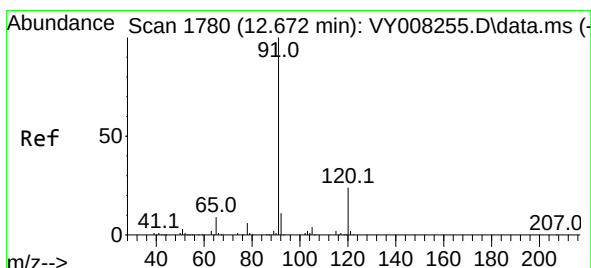
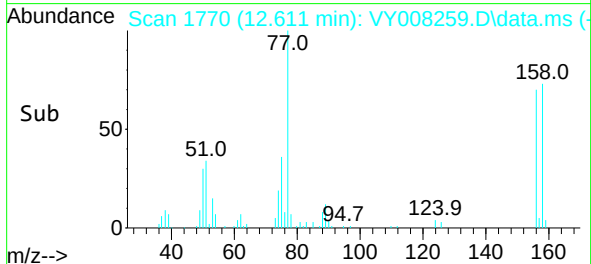
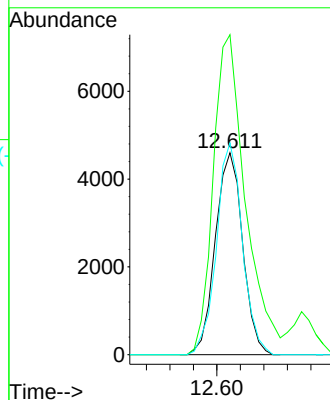
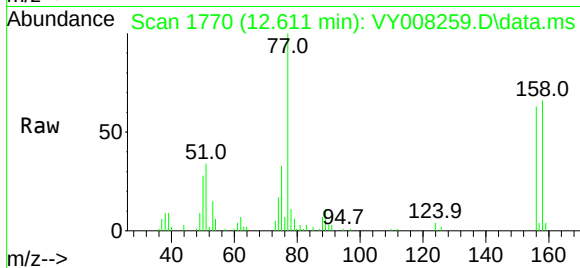
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:	156	Resp:	7415
Ion	Ratio	Lower	Upper
156	100		
77	186.6	95.5	286.4
158	99.9	48.0	144.0



#78

n-propylbenzene

Concen: 4.251 ug/l

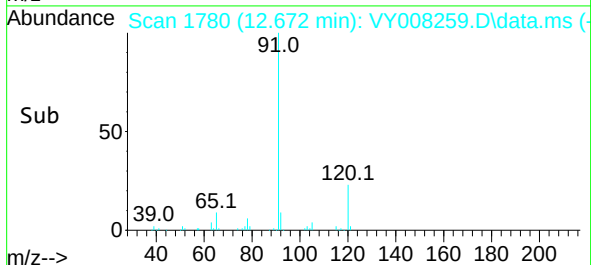
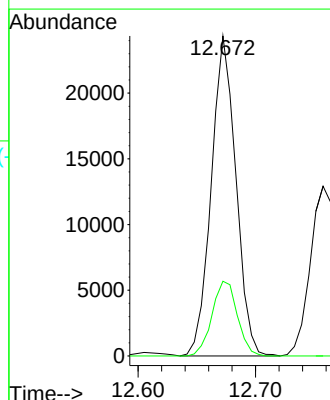
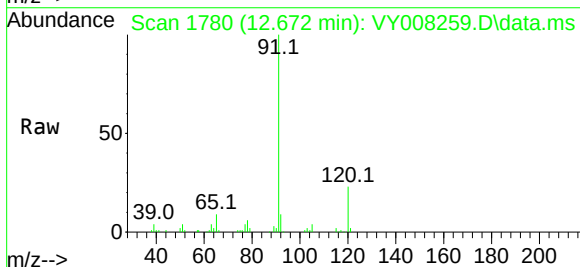
RT: 12.672 min Scan# 1780

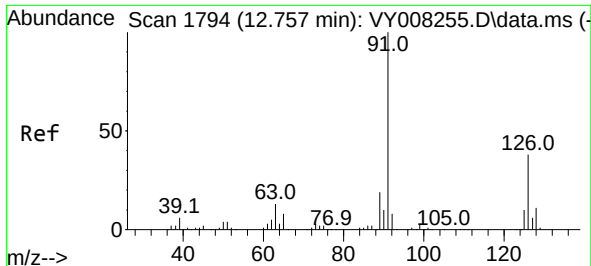
Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Tgt Ion:	91	Resp:	35511
Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.3	33.9

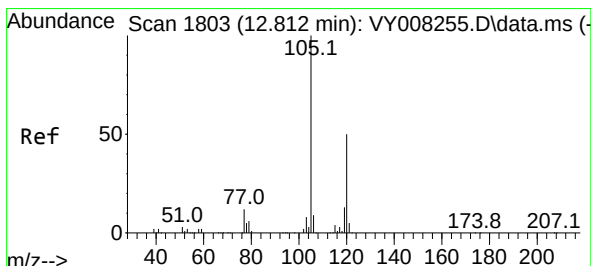
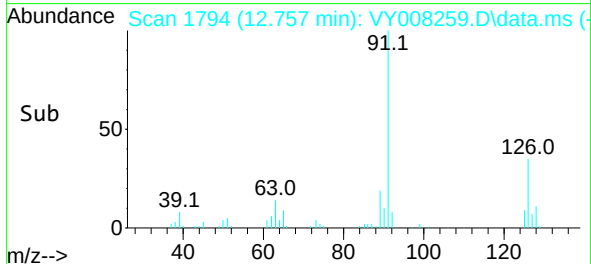
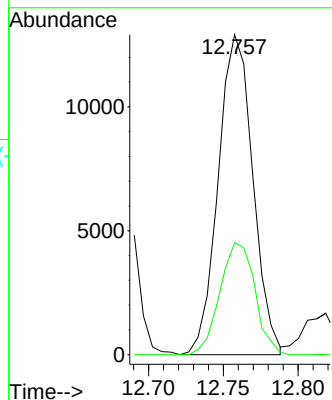
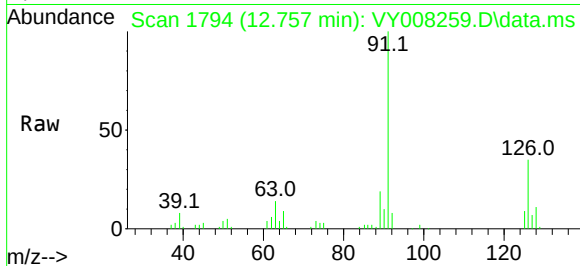




#79
2-Chlorotoluene
Concen: 4.409 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

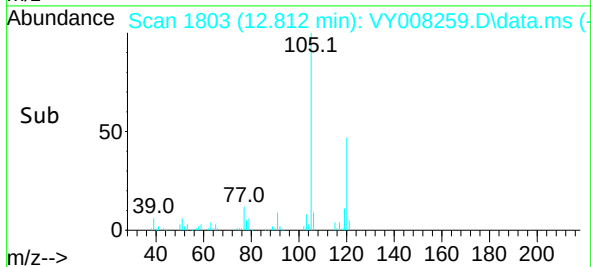
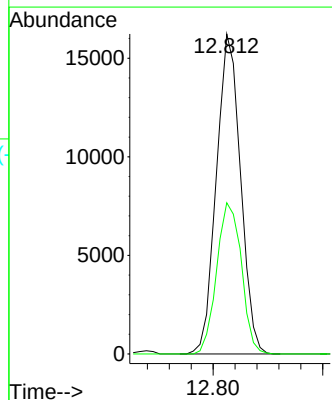
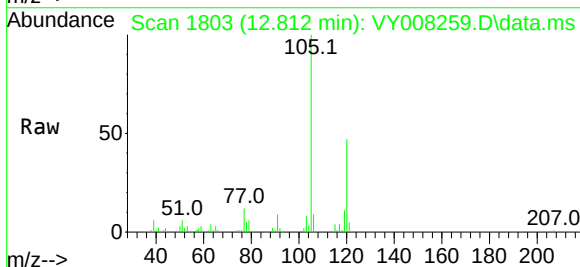
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

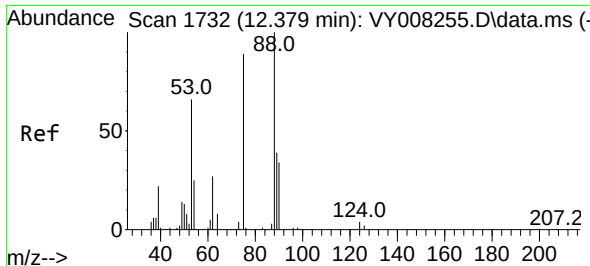
Tgt Ion: 91 Resp: 20798
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.363 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 105 Resp: 24835
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.4

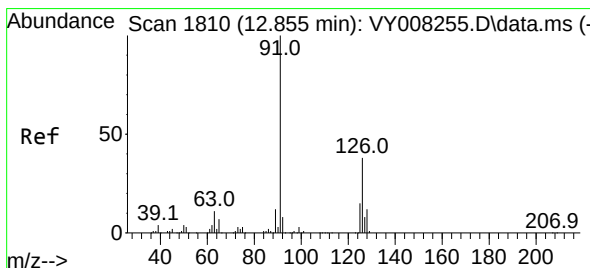
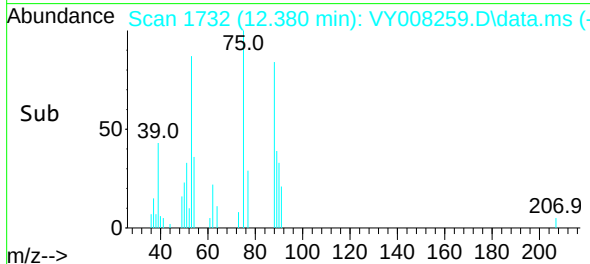
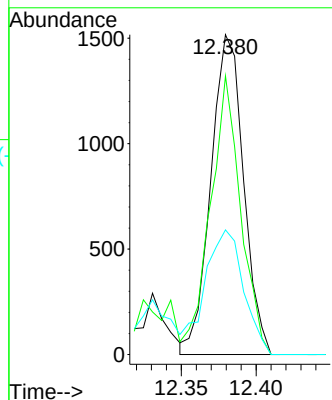
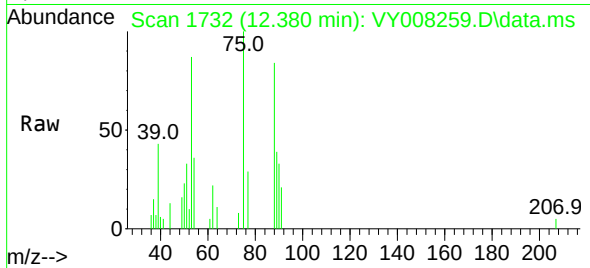




#81
trans-1,4-Dichloro-2-butene
Concen: 4.933 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

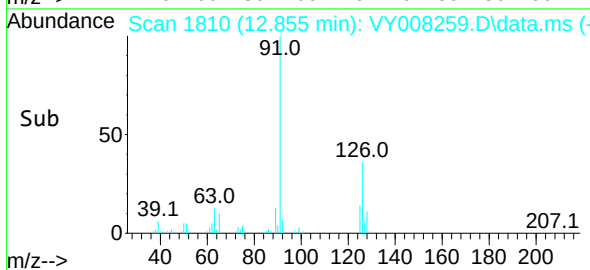
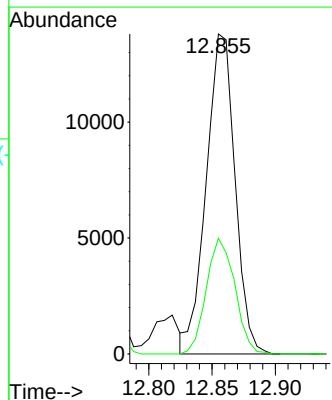
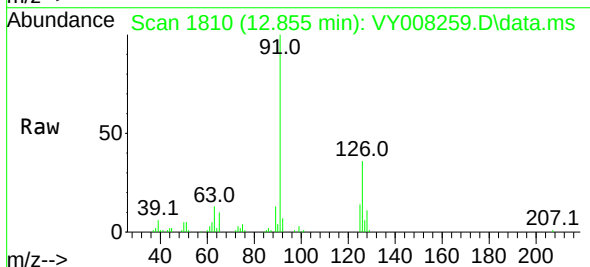
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

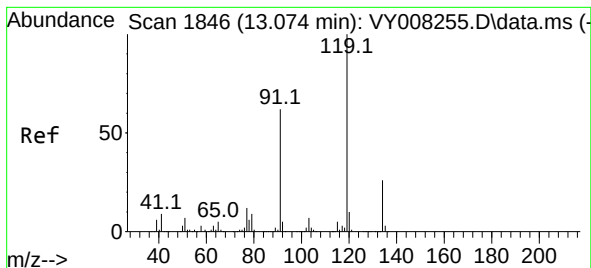
Tgt Ion: 75 Resp: 2302
Ion Ratio Lower Upper
75 100
53 80.9 85.3 127.9#
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.570 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion: 91 Resp: 21863
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 4.059 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

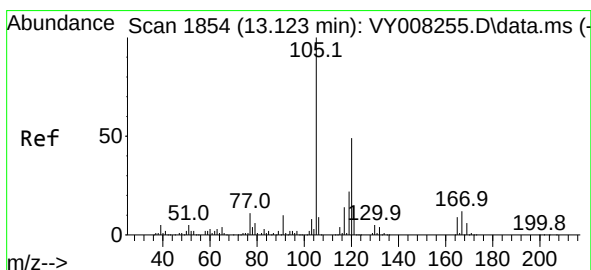
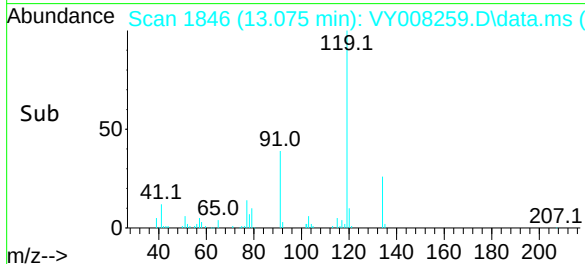
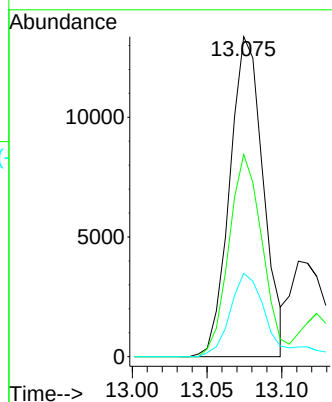
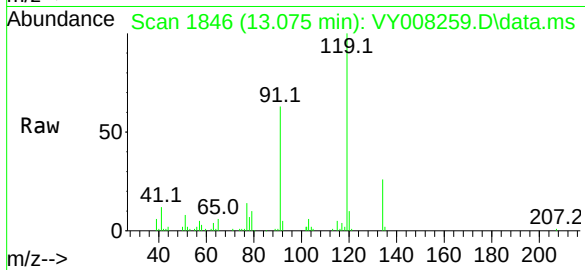
Tgt Ion:119 Resp: 20853

Ion Ratio Lower Upper

119 100

91 62.9 34.8 104.4

134 28.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 4.283 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008259.D

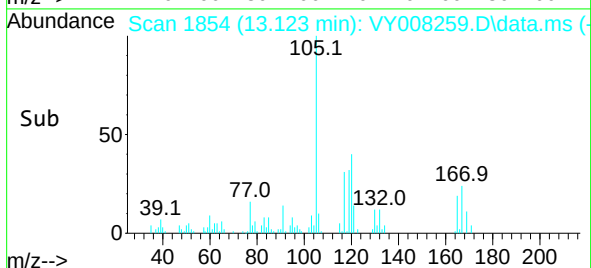
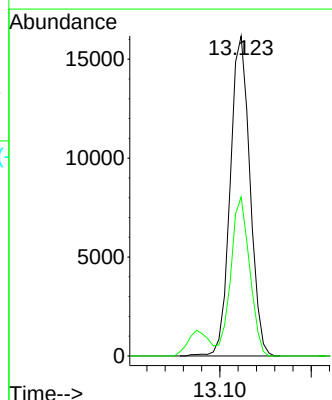
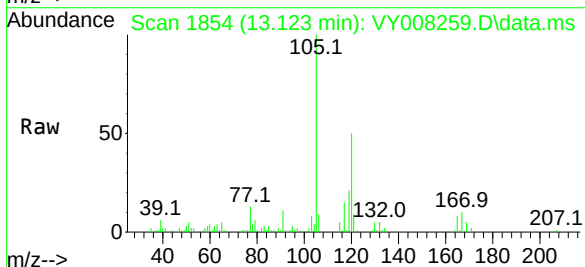
Acq: 08 Apr 2022 14:58

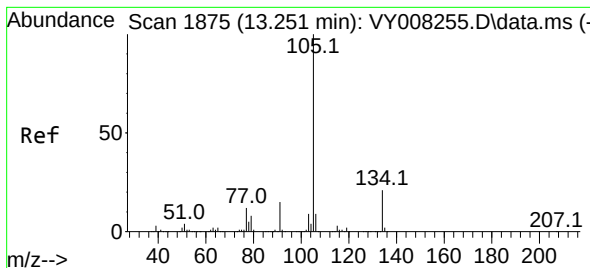
Tgt Ion:105 Resp: 24210

Ion Ratio Lower Upper

105 100

120 47.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.259 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

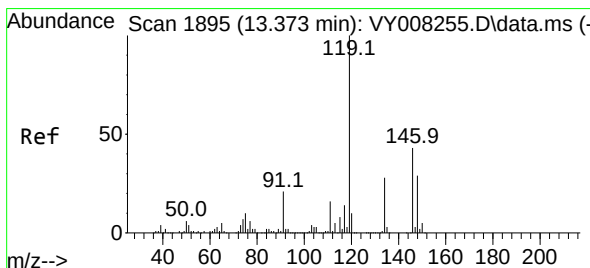
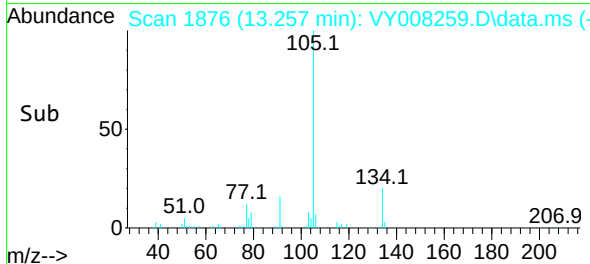
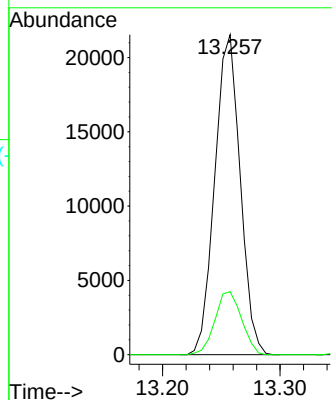
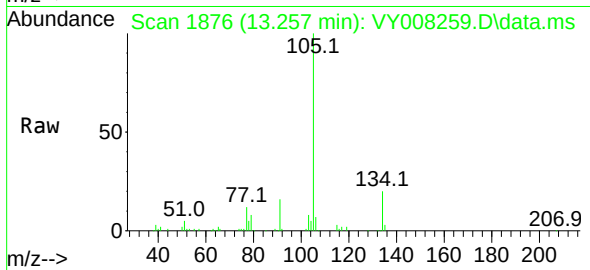
VSTDIC005

Tgt Ion:105 Resp: 32339

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.097 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

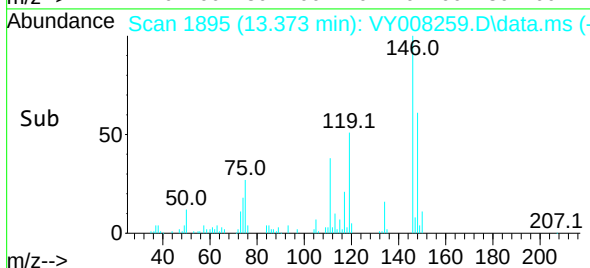
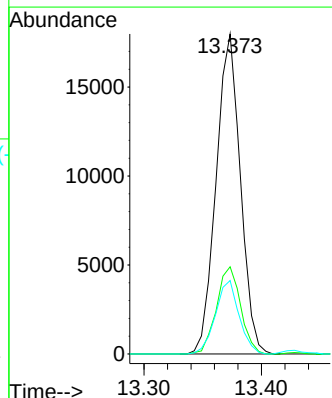
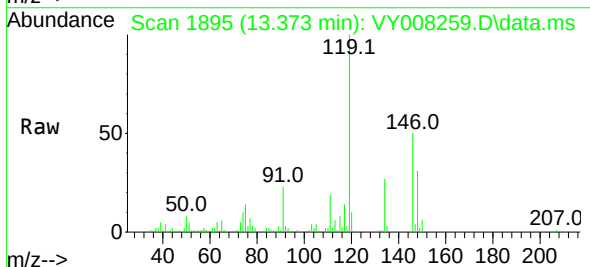
Tgt Ion:119 Resp: 25787

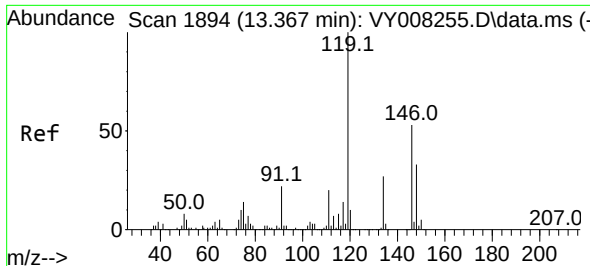
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 22.4 12.4 37.2

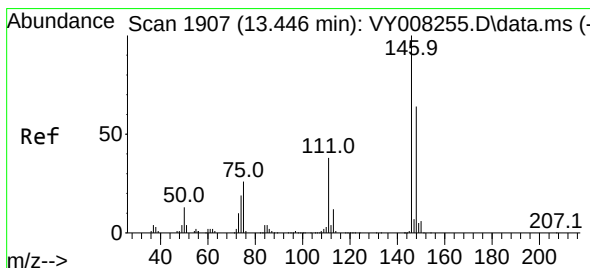
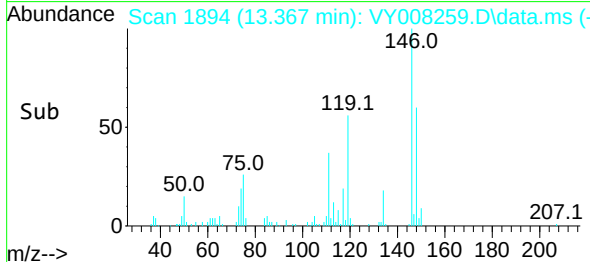
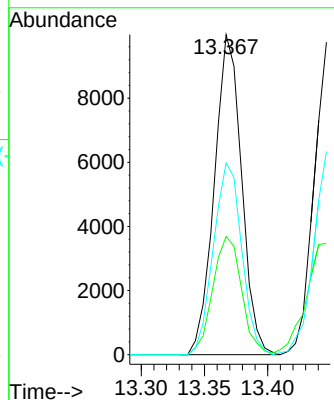
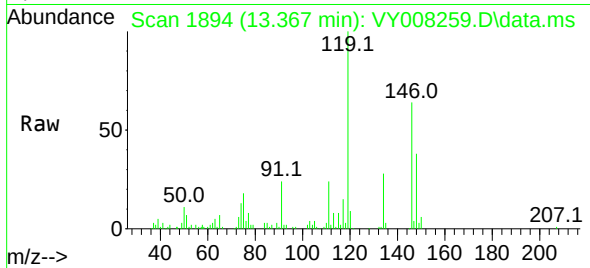




#87
 1,3-Dichlorobenzene
 Concen: 4.450 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

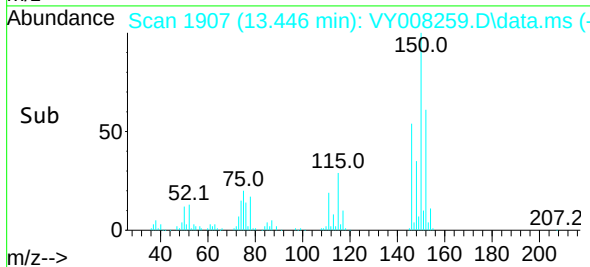
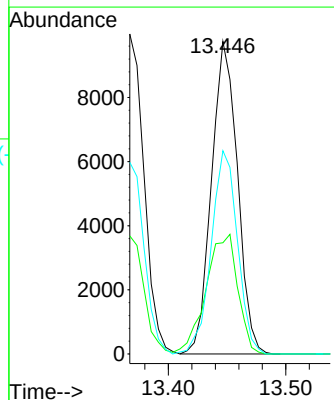
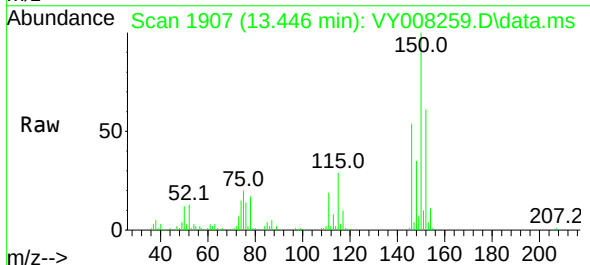
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

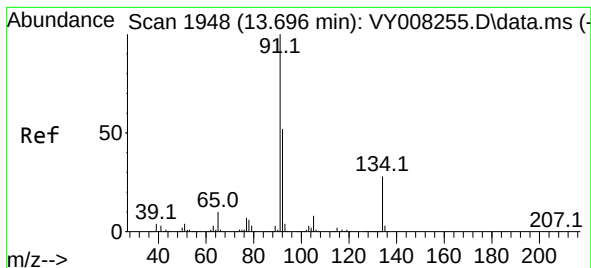
Tgt Ion:	146	Resp:	14940
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.5	58.5
148	62.1	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 4.481 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008259.D
 Acq: 08 Apr 2022 14:58

Tgt Ion:	146	Resp:	14981
Ion Ratio	Lower	Upper	
146	100		
111	46.8	19.3	57.8
148	65.9	32.6	97.8





#89

n-Butylbenzene

Concen: 4.272 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

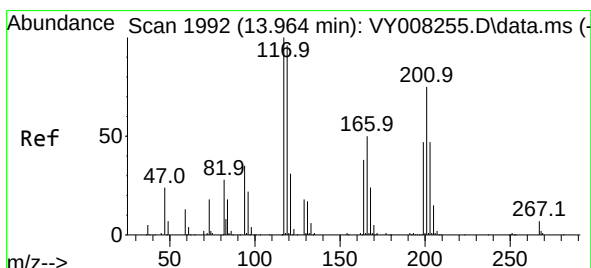
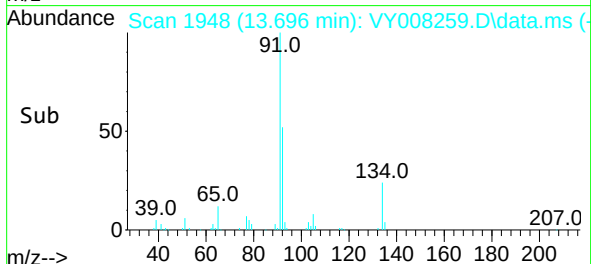
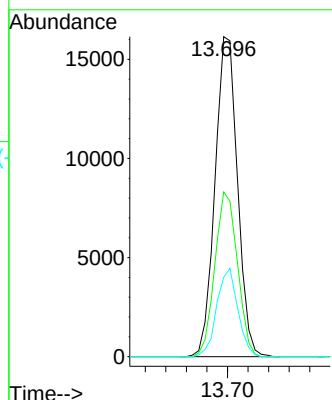
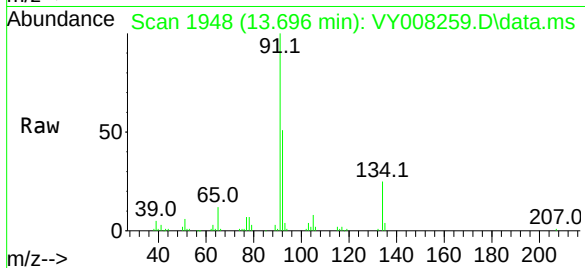
Tgt Ion: 91 Resp: 24509

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.9

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 4.133 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY008259.D

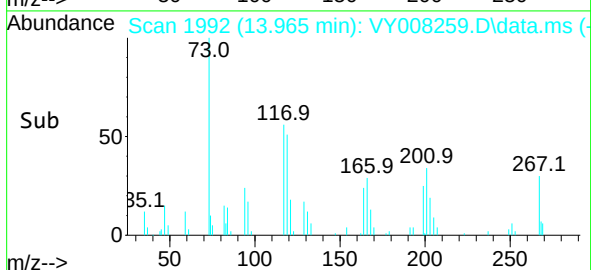
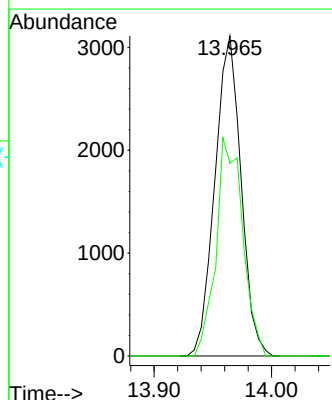
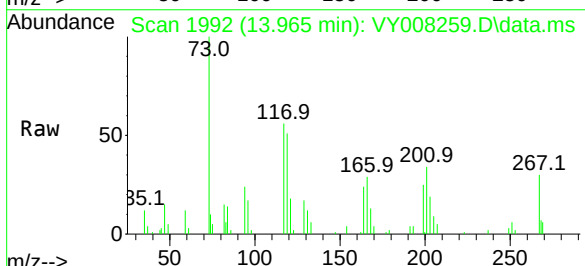
Acq: 08 Apr 2022 14:58

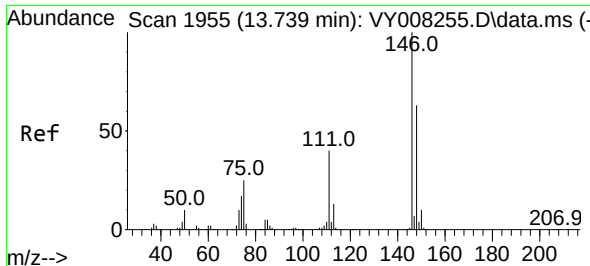
Tgt Ion: 117 Resp: 4812

Ion Ratio Lower Upper

117 100

201 69.2 43.0 128.8

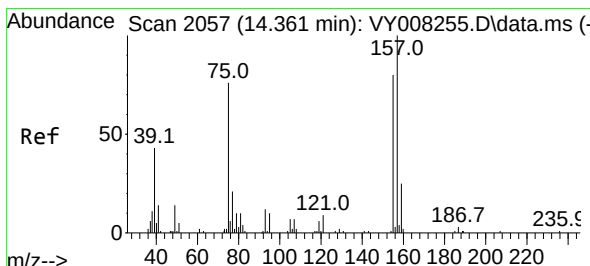
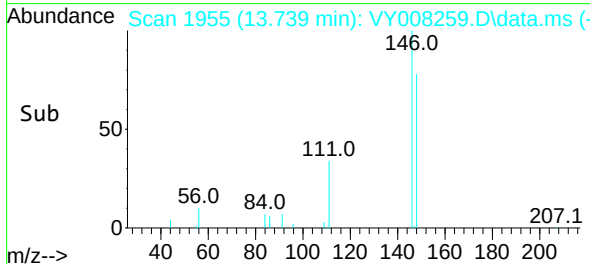
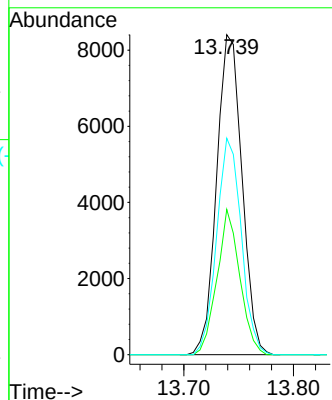
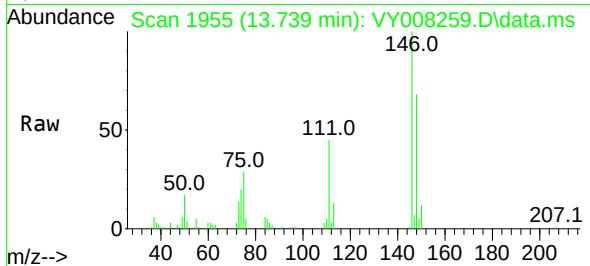




#91
1,2-Dichlorobenzene
Concen: 4.501 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

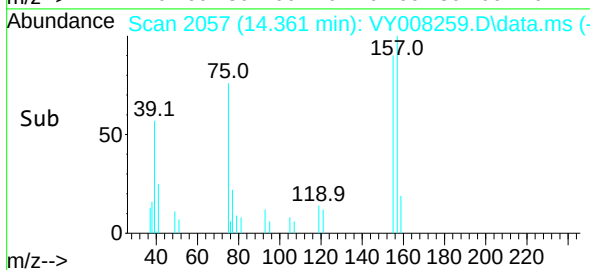
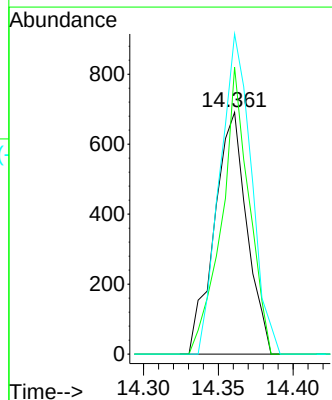
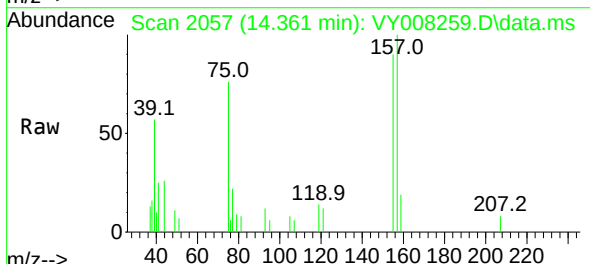
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

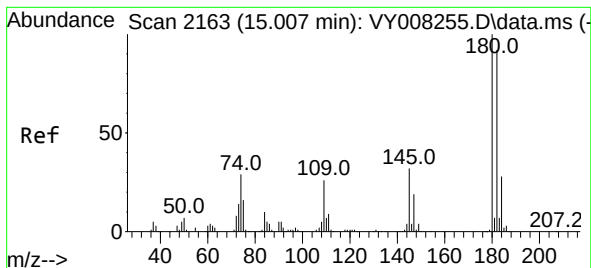
Tgt Ion:	146	Resp:	13512
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.3	60.9
148	65.8	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.928 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY008259.D
Acq: 08 Apr 2022 14:58

Tgt Ion:	75	Resp:	1046
Ion Ratio	Lower	Upper	
75	100		
155	99.5	38.0	113.9
157	128.0	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.571 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

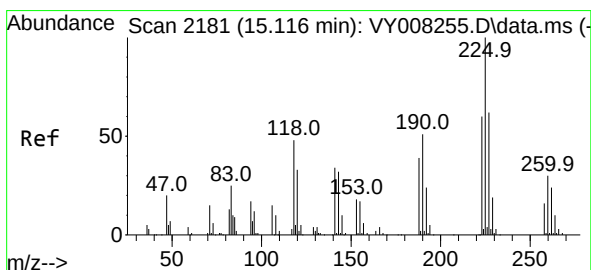
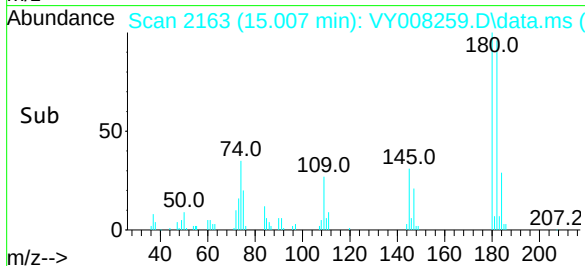
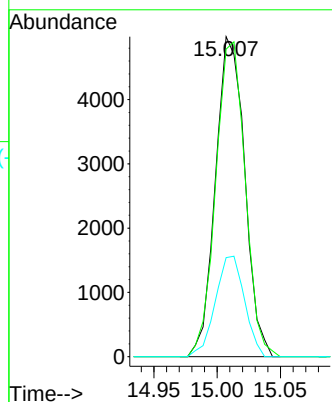
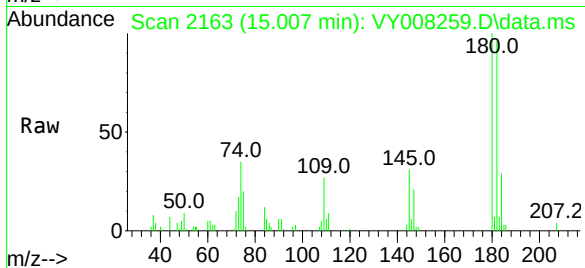
Tgt Ion:180 Resp: 7981

Ion Ratio Lower Upper

180 100

182 99.1 47.3 141.9

145 31.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 4.328 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

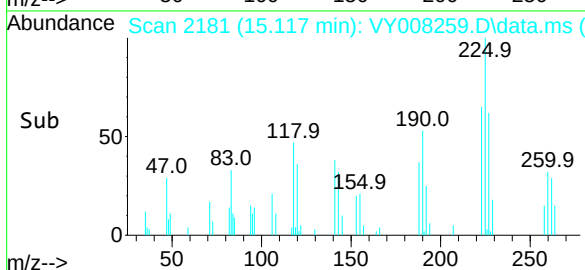
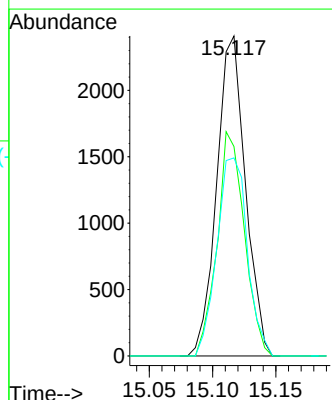
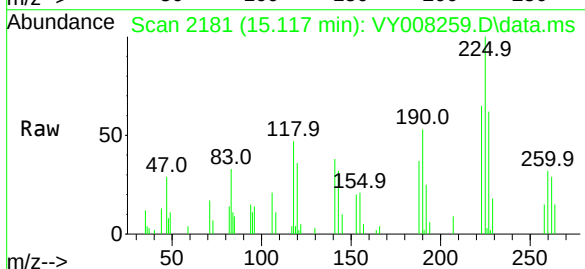
Tgt Ion:225 Resp: 3807

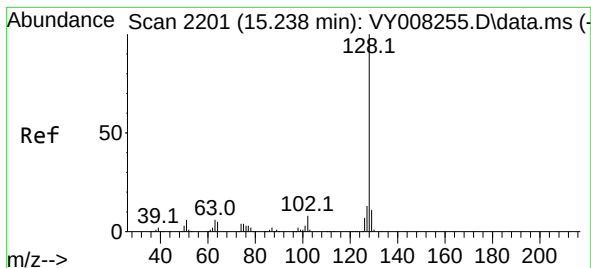
Ion Ratio Lower Upper

225 100

223 66.3 30.8 92.3

227 65.6 31.6 94.7





#95

Naphthalene

Concen: 5.110 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

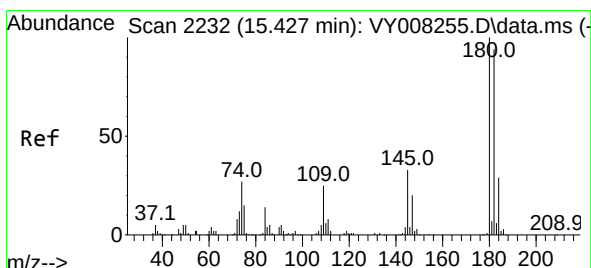
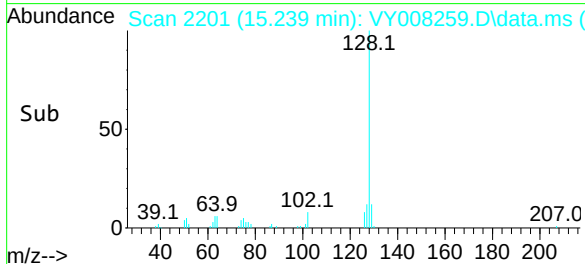
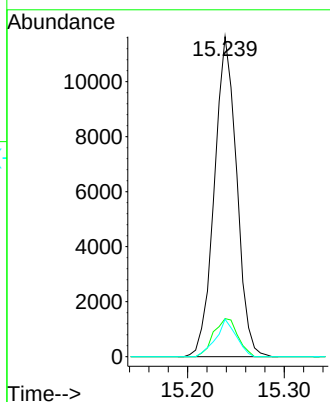
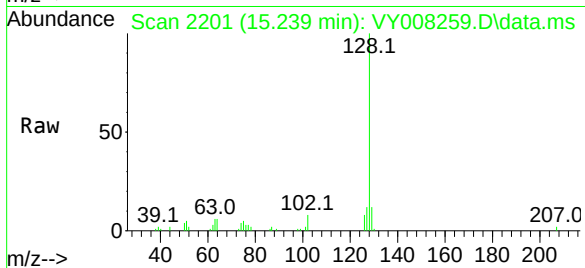
Tgt Ion:128 Resp: 18622

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 4.754 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY008259.D

Acq: 08 Apr 2022 14:58

Tgt Ion:180 Resp: 7220

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.9

145 32.4 15.3 45.9

