

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008367.D
 Acq On : 18 Apr 2022 12:38
 Operator : KP/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Quant Time: Apr 19 06:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50471	40.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.720%
35) Dibromofluoromethane	7.716	113	50859	39.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.620%
50) Toluene-d8	10.179	98	171481	39.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.460%
62) 4-Bromofluorobenzene	12.483	95	64179	39.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19066	17.506	ug/l	99
3) Chloromethane	2.113	50	24626	16.197	ug/l	97
4) Vinyl Chloride	2.253	62	32883	17.551	ug/l	95
5) Bromomethane	2.644	94	30449	18.015	ug/l	89
6) Chloroethane	2.790	64	23545	17.943	ug/l	97
7) Trichlorofluoromethane	3.125	101	40339	18.095	ug/l	93
8) Diethyl Ether	3.528	74	13697	17.001	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.900	101	26074	18.006	ug/l	92
10) Methyl Iodide	4.095	142	25543	17.421	ug/l	89
11) Tert butyl alcohol	4.948	59	21006	159.059	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	22638	17.452	ug/l #	76
13) Acrolein	3.729	56	5631	54.152	ug/l	100
14) Allyl chloride	4.479	41	29822	17.616	ug/l #	89
15) Acrylonitrile	5.162	53	34848	88.436	ug/l	98
16) Acetone	3.948	43	27745	93.380	ug/l #	87
17) Carbon Disulfide	4.198	76	57460	16.791	ug/l	98
18) Methyl Acetate	4.479	43	17138	20.082	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	70040	17.497	ug/l	98
20) Methylene Chloride	4.716	84	32701	15.475	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	26442	17.014	ug/l #	76
22) Diisopropyl ether	6.125	45	71203	17.828	ug/l #	92
23) Vinyl Acetate	6.058	43	224971	86.932	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	46264	18.046	ug/l	96
25) 2-Butanone	6.984	43	42490	91.456	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	43776	18.542	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	31291	16.970	ug/l	84
28) Bromochloromethane	7.338	49	15125	15.392	ug/l #	74
29) Tetrahydrofuran	7.350	42	27163	90.556	ug/l #	72
30) Chloroform	7.509	83	50660	17.697	ug/l	97
31) Cyclohexane	7.789	56	39088	17.498	ug/l	85
32) 1,1,1-Trichloroethane	7.704	97	44716	17.856	ug/l	96
36) 1,1-Dichloropropene	7.917	75	35342	17.324	ug/l	96
37) Ethyl Acetate	7.070	43	20647	19.628	ug/l #	91
38) Carbon Tetrachloride	7.899	117	38956	17.749	ug/l	96
39) Methylcyclohexane	9.185	83	45849	17.467	ug/l #	87
40) Benzene	8.161	78	106994	17.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	25045	42.558	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	31930	18.116	ug/l	91
43) Isopropyl Acetate	8.277	43	35578	18.224	ug/l #	85
44) Trichloroethene	8.941	130	29672	17.138	ug/l	100
45) 1,2-Dichloropropane	9.216	63	26305	17.725	ug/l	91
46) Dibromomethane	9.307	93	17284	17.596	ug/l	94
47) Bromodichloromethane	9.496	83	39363	17.819	ug/l	95
48) Methyl methacrylate	9.295	41	15517	18.697	ug/l #	76
49) 1,4-Dioxane	9.295	88	4860	383.407	ug/l #	70
51) 4-Methyl-2-Pentanone	10.069	43	97821	97.036	ug/l #	85
52) Toluene	10.246	92	69685	17.410	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39533	17.560	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	44661	17.584	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	24696	17.626	ug/l	96
56) Ethyl methacrylate	10.508	69	30337	17.660	ug/l #	78
57) 1,3-Dichloropropane	10.789	76	39449	17.533	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	58006	85.724	ug/l	90
59) 2-Hexanone	10.831	43	65210	94.008	ug/l	81
60) Dibromochloromethane	10.984	129	27824	17.000	ug/l	100
61) 1,2-Dibromoethane	11.087	107	23425	17.100	ug/l	98
64) Tetrachloroethene	10.721	164	26083	18.395	ug/l	96
65) Chlorobenzene	11.514	112	78256	17.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28519	17.517	ug/l	96
67) Ethyl Benzene	11.593	91	135103	18.209	ug/l	98
68) m/p-Xylenes	11.703	106	106252	36.008	ug/l	92
69) o-Xylene	12.032	106	50808	17.743	ug/l	91
70) Styrene	12.044	104	84178	17.825	ug/l	95
71) Bromoform	12.209	173	16743	17.061	ug/l #	98
73) Isopropylbenzene	12.331	105	134764	18.828	ug/l	100
74) N-amyl acetate	12.142	43	30599	19.691	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	29877	19.727	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	35650	33.482	ug/l #	100
77) Bromobenzene	12.611	156	31206	17.792	ug/l	95
78) n-propylbenzene	12.672	91	160992	19.061	ug/l	100
79) 2-Chlorotoluene	12.758	91	88922	18.760	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	110527	18.832	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9280	19.501	ug/l #	84
82) 4-Chlorotoluene	12.855	91	94397	19.379	ug/l	98
83) tert-Butylbenzene	13.075	119	97912	18.596	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	109574	18.865	ug/l	97
85) sec-Butylbenzene	13.258	105	148392	19.010	ug/l	99
86) p-Isopropyltoluene	13.373	119	120974	18.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	62123	17.884	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	61942	18.017	ug/l	99
89) n-Butylbenzene	13.697	91	113838	19.343	ug/l	99
90) Hexachloroethane	13.965	117	22747	18.683	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	56330	18.227	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4078	18.819	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	30409	16.636	ug/l	99
94) Hexachlorobutadiene	15.111	225	15904	17.138	ug/l	96
95) Naphthalene	15.239	128	64952	16.588	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	27156	16.977	ug/l	98

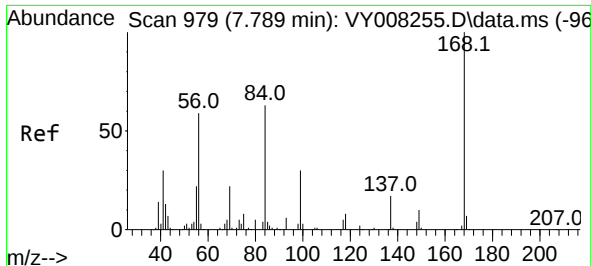
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
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Response via : Initial Calibration

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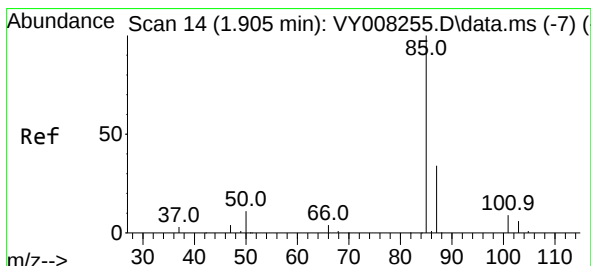
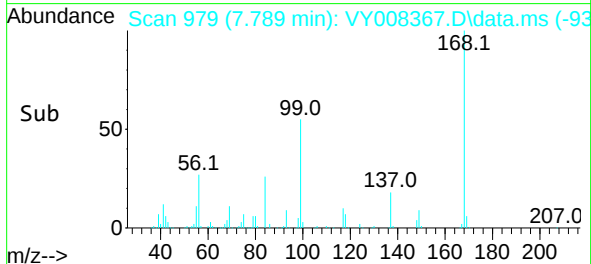
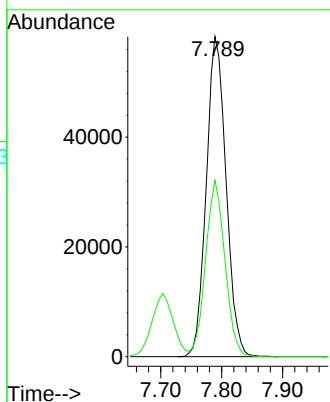
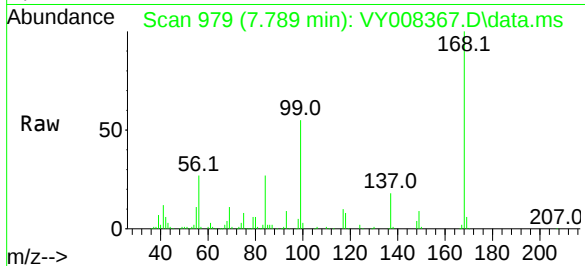
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008367.D
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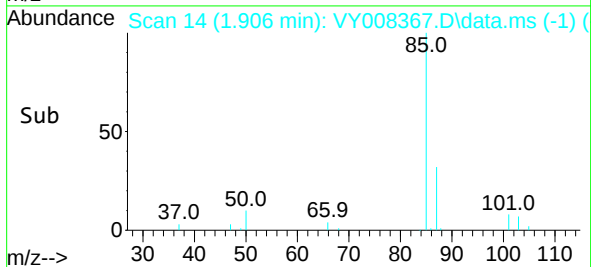
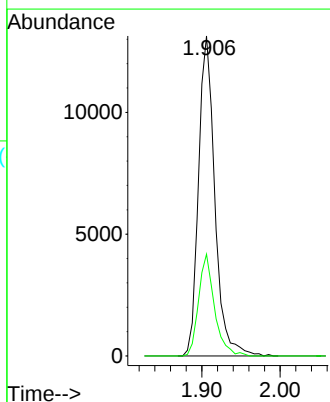
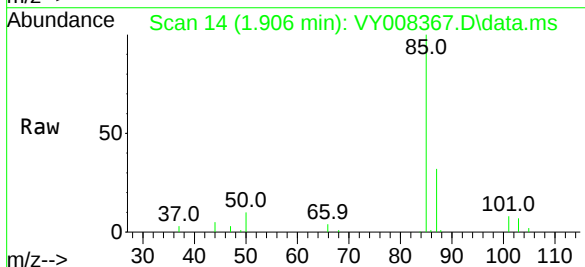
Instrument :
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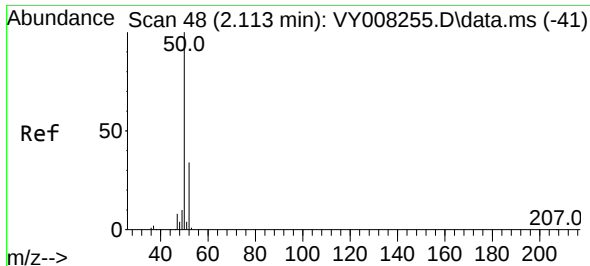
Tgt Ion:168 Resp: 131510
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 17.506 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 85 Resp: 19066
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2

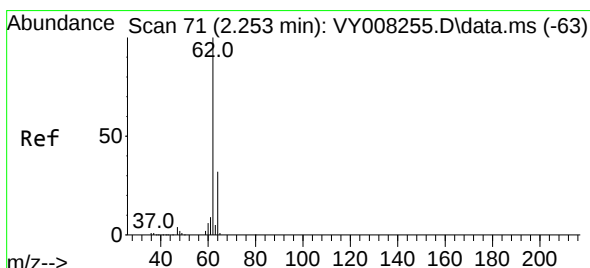
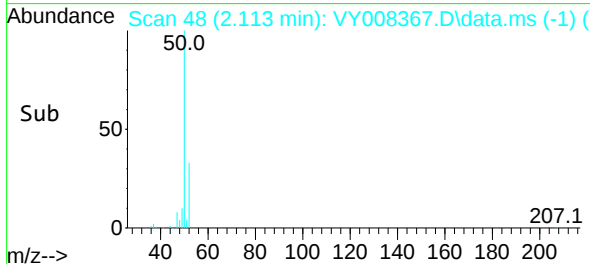
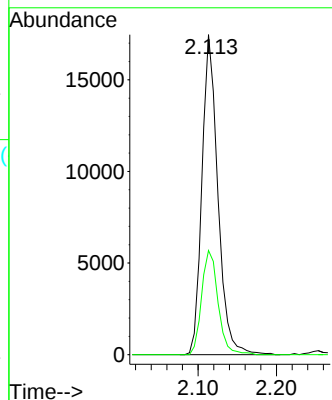
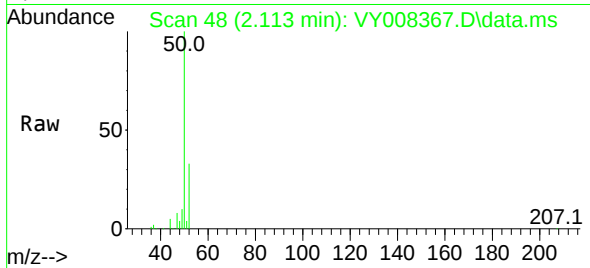




#3
Chloromethane
Concen: 16.197 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

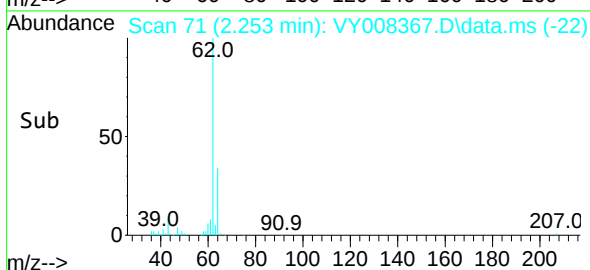
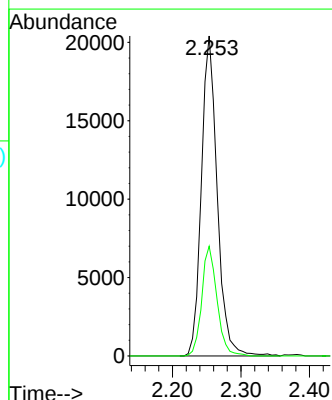
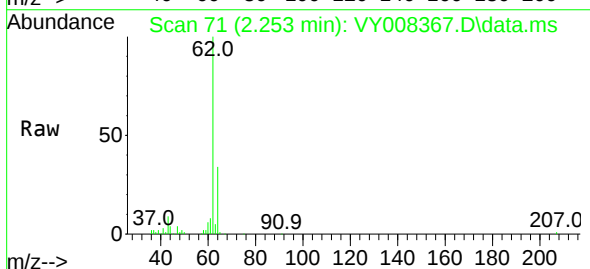
Instrument :
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ClientSampleId :
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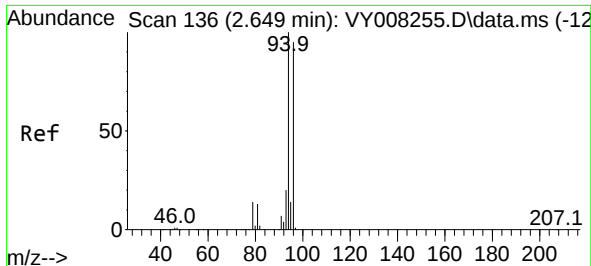
Tgt Ion: 50 Resp: 24626
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0



#4
Vinyl Chloride
Concen: 17.551 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 62 Resp: 32883
Ion Ratio Lower Upper
62 100
64 34.3 25.0 37.6

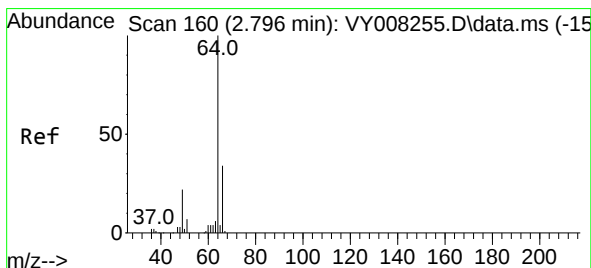
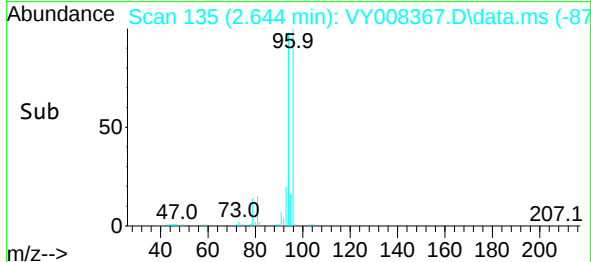
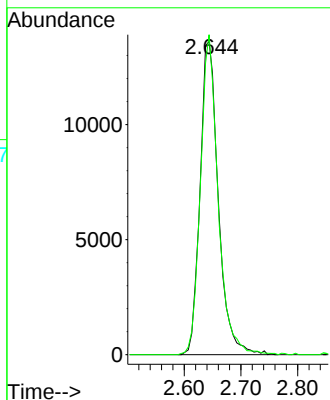
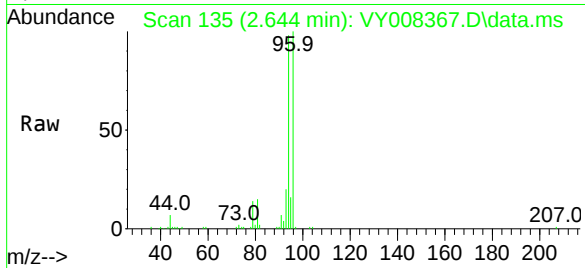




#5
Bromomethane
Concen: 18.015 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

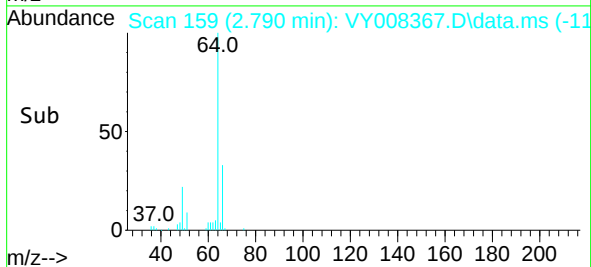
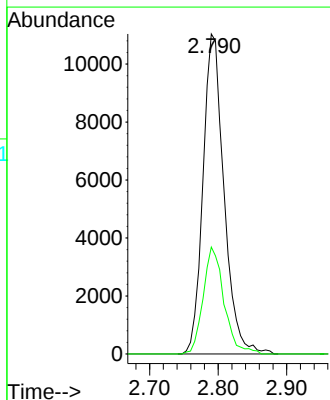
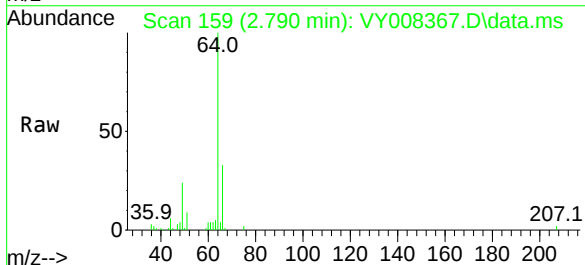
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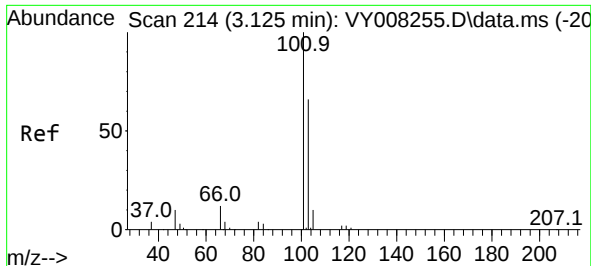
Tgt Ion: 94 Resp: 30449
Ion Ratio Lower Upper
94 100
96 102.2 73.5 110.3



#6
Chloroethane
Concen: 17.943 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 64 Resp: 23545
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.0

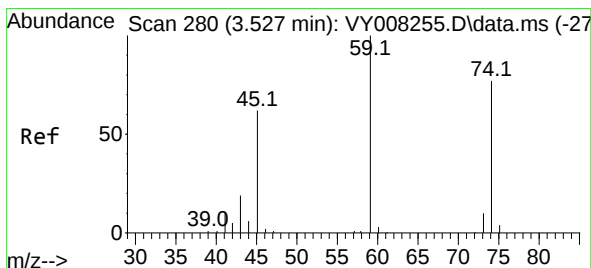
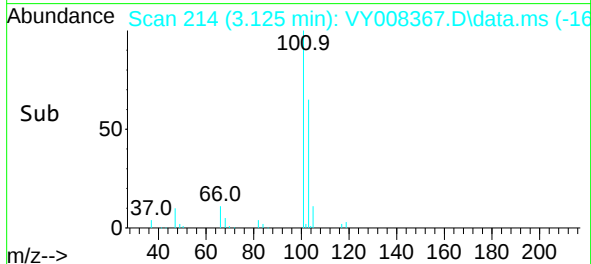
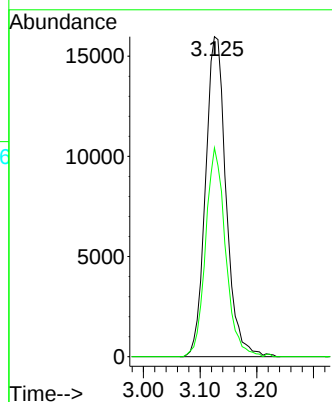
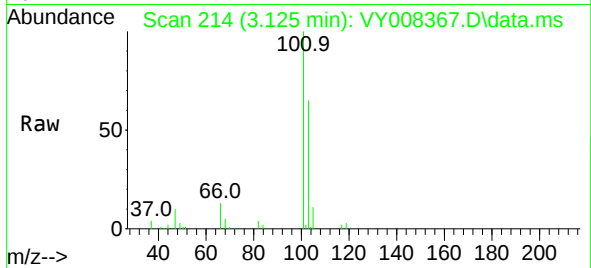




#7
 Trichlorofluoromethane
 Concen: 18.095 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

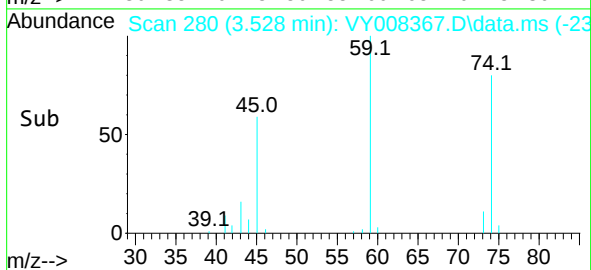
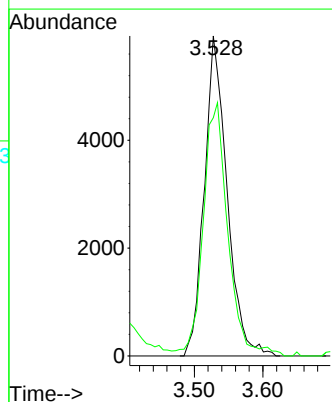
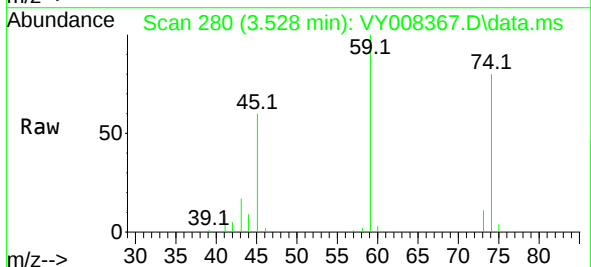
Instrument :
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 ClientSampleId :
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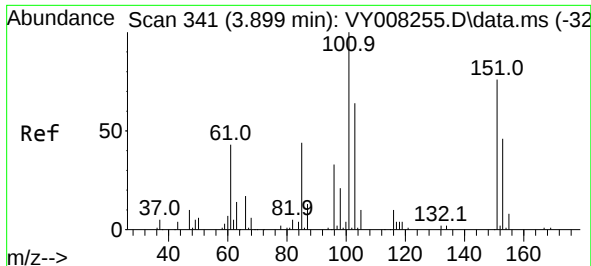
Tgt Ion:101 Resp: 40339
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 17.001 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

Tgt Ion: 74 Resp: 13697
 Ion Ratio Lower Upper
 74 100
 45 85.7 55.1 165.5

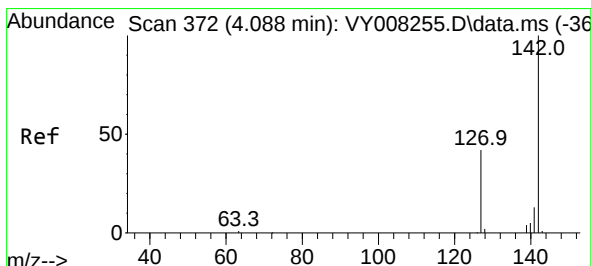
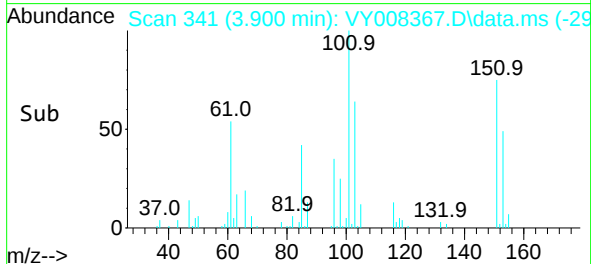
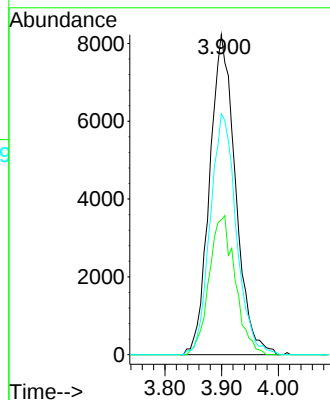
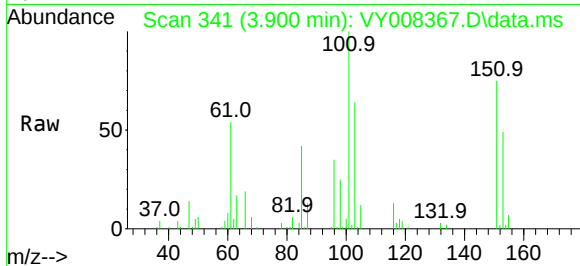




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.006 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY008367.D
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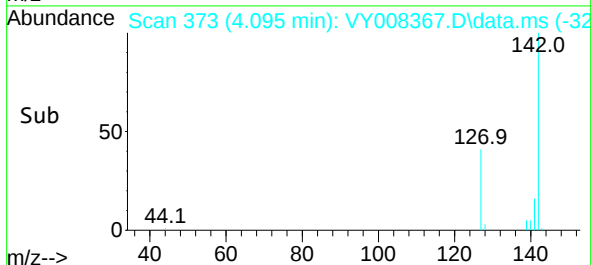
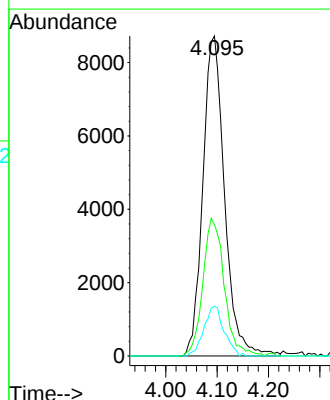
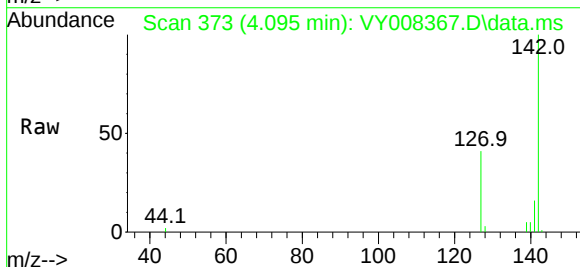
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

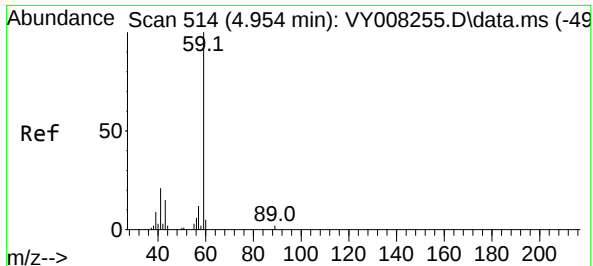
Tgt Ion:101 Resp: 26074
Ion Ratio Lower Upper
101 100
85 43.5 40.6 60.8
151 75.8 64.9 97.3



#10
Methyl Iodide
Concen: 17.421 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion:142 Resp: 25543
Ion Ratio Lower Upper
142 100
127 42.4 41.5 62.3
141 14.4 11.9 17.9

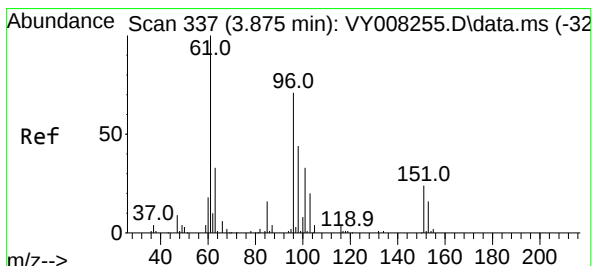
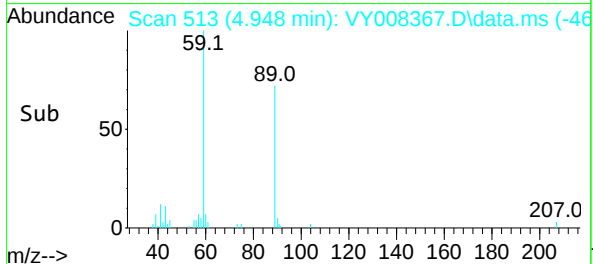
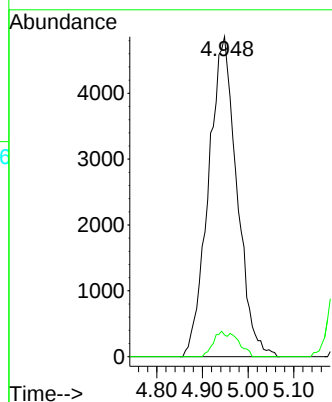
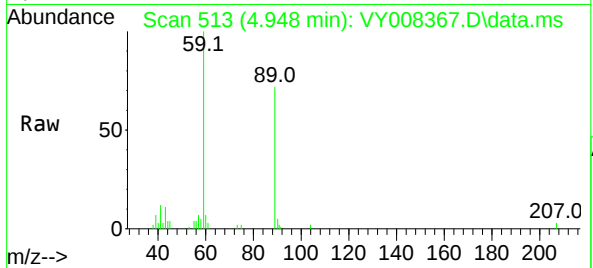




#11
Tert butyl alcohol
Concen: 159.059 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

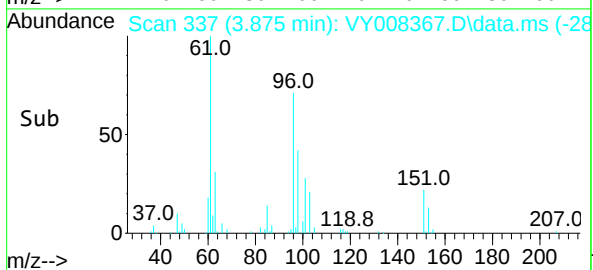
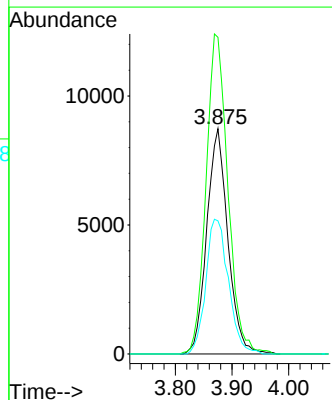
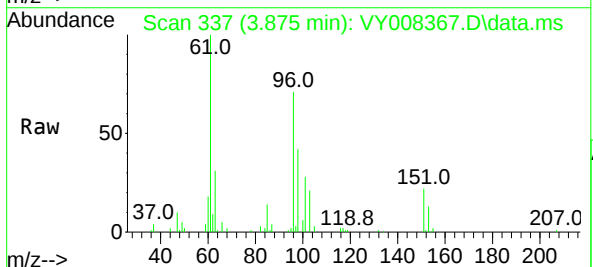
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

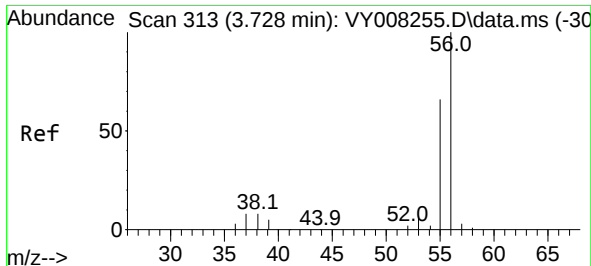
Tgt Ion: 59 Resp: 21006
Ion Ratio Lower Upper
59 100
57 3.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 17.452 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 96 Resp: 22638
Ion Ratio Lower Upper
96 100
61 140.6 145.8 218.6#
98 59.1 52.5 78.7





#13

Acrolein

Concen: 54.152 ug/l

RT: 3.729 min Scan# 31

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

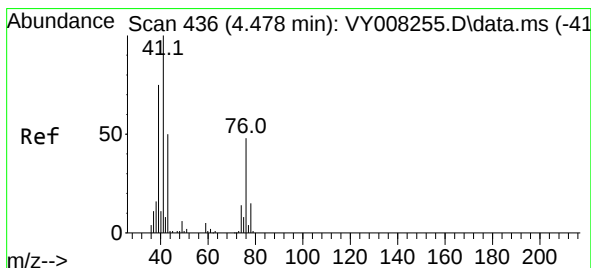
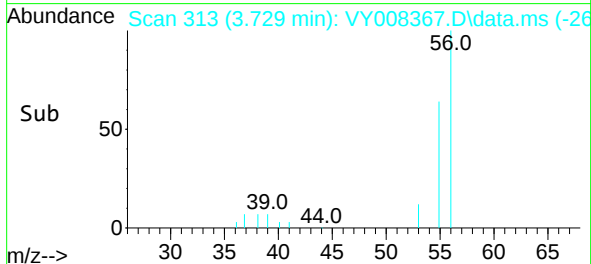
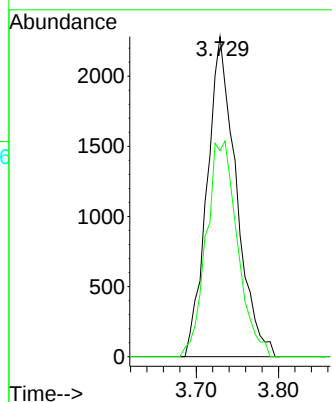
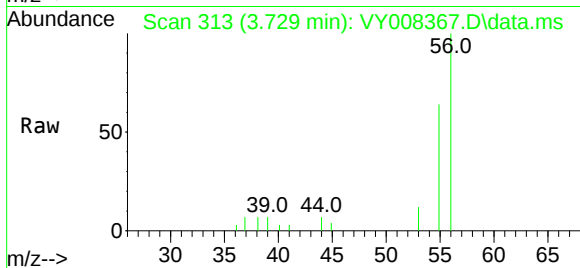
VY0418SBS01

Tgt Ion: 56 Resp: 5631

Ion Ratio Lower Upper

56 100

55 72.1 57.6 86.4



#14

Allyl chloride

Concen: 17.616 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

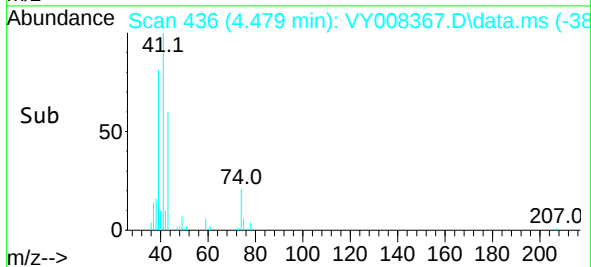
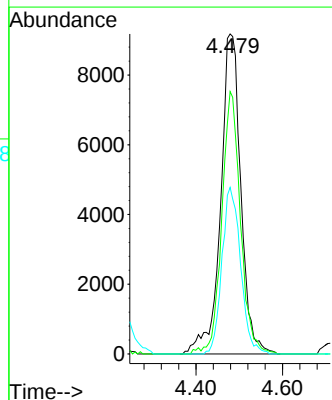
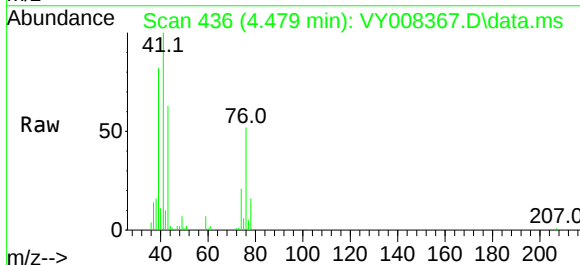
Tgt Ion: 41 Resp: 29822

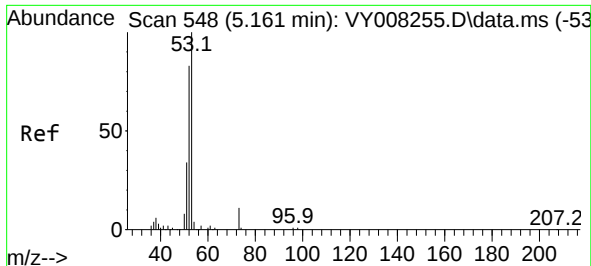
Ion Ratio Lower Upper

41 100

39 75.8 58.8 88.2

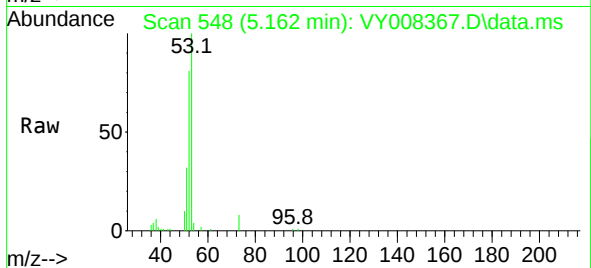
76 48.0 25.1 37.7#



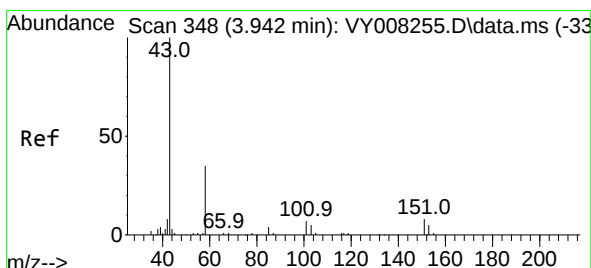
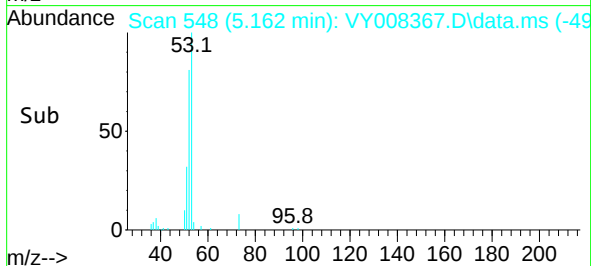
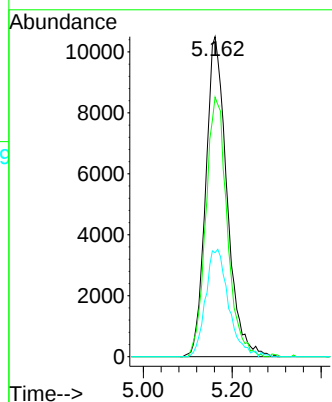


#15
Acrylonitrile
Concen: 88.436 ug/l
RT: 5.162 min Scan# 54
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

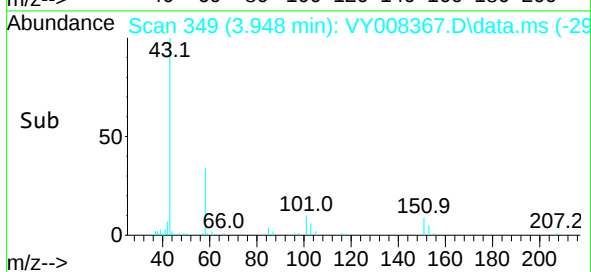
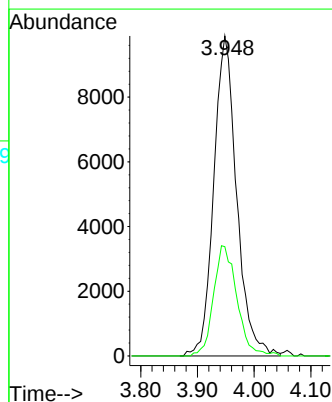
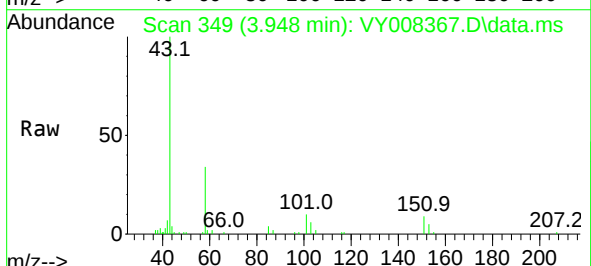


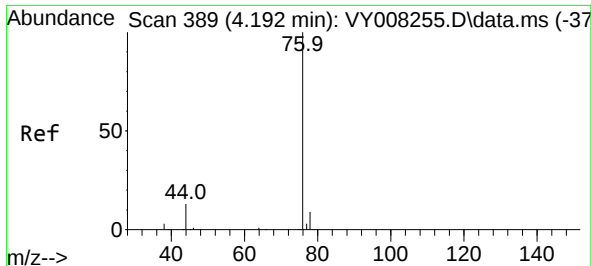
Tgt Ion: 53 Resp: 34848
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 36.1 29.8 44.6



#16
Acetone
Concen: 93.380 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 43 Resp: 27745
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#

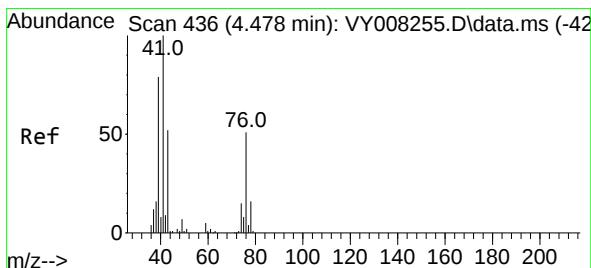
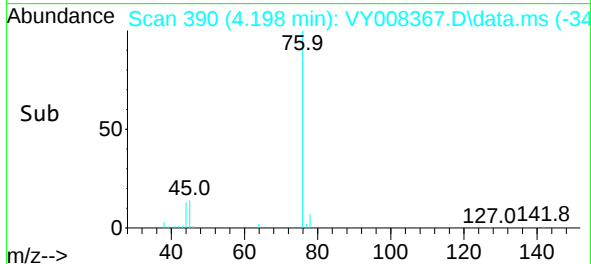
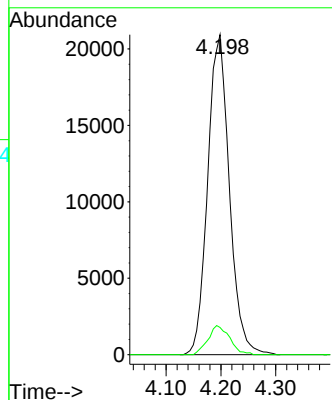
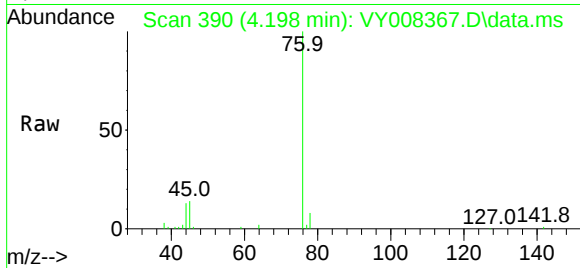




#17
Carbon Disulfide
Concen: 16.791 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

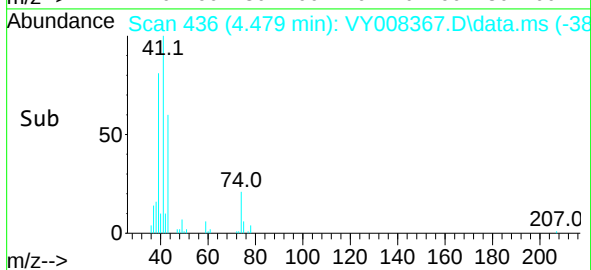
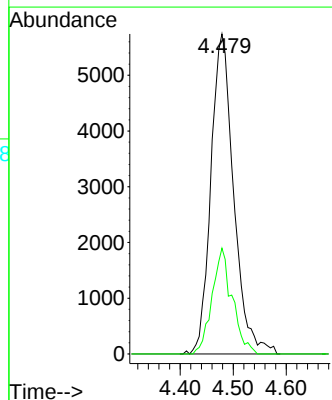
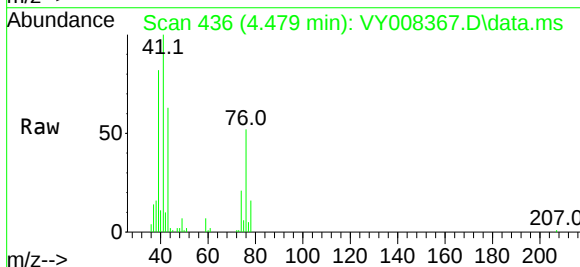
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

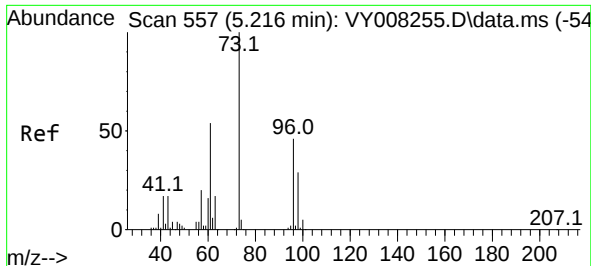
Tgt Ion: 76 Resp: 57460
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.082 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 43 Resp: 17138
Ion Ratio Lower Upper
43 100
74 29.3 16.6 24.8#

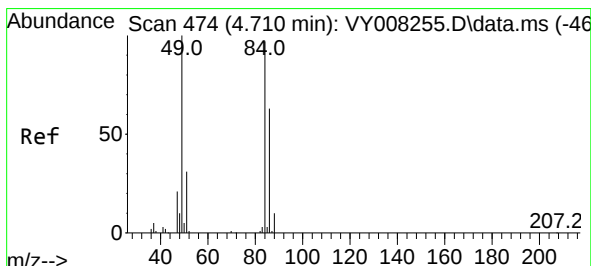
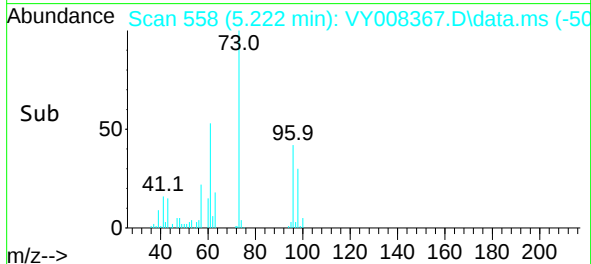
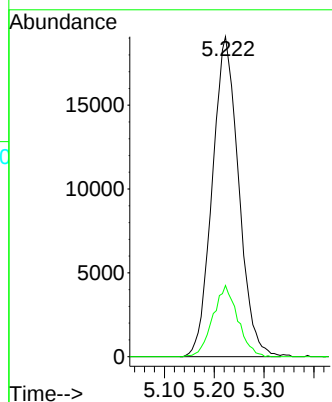
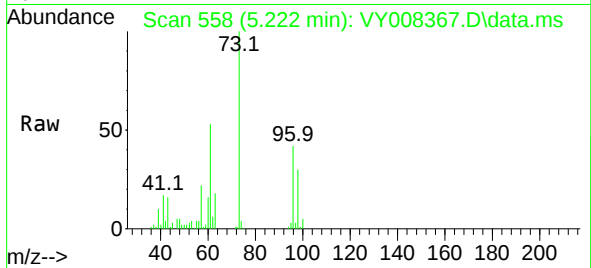




#19
Methyl tert-butyl Ether
Concen: 17.497 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

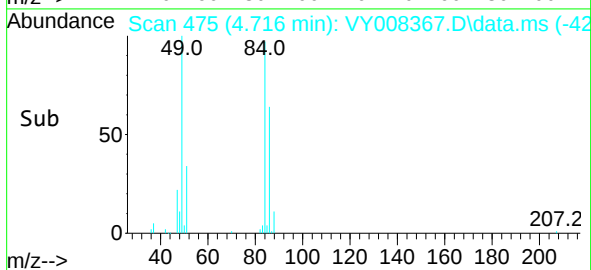
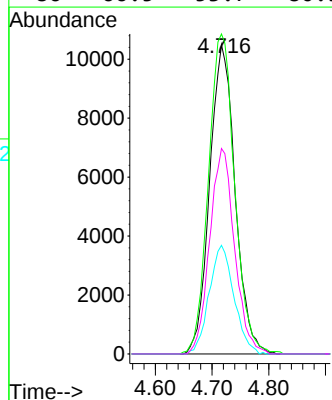
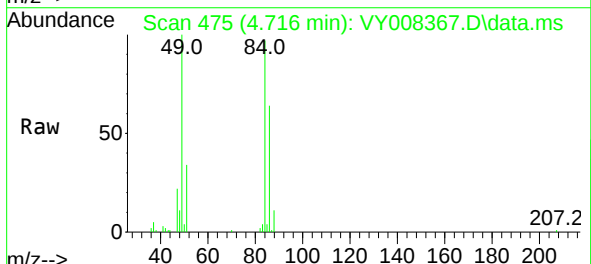
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

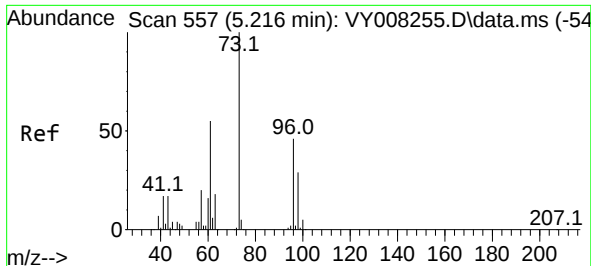
Tgt Ion: 73 Resp: 70040
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 15.475 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

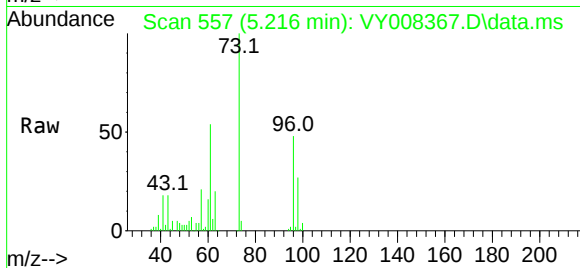
Tgt Ion: 84 Resp: 32701
Ion Ratio Lower Upper
84 100
49 103.5 114.4 171.6#
51 35.1 35.3 52.9#
86 66.5 53.7 80.5



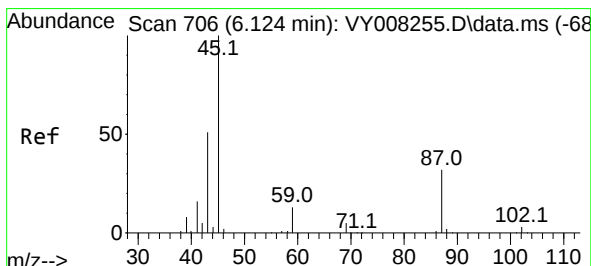
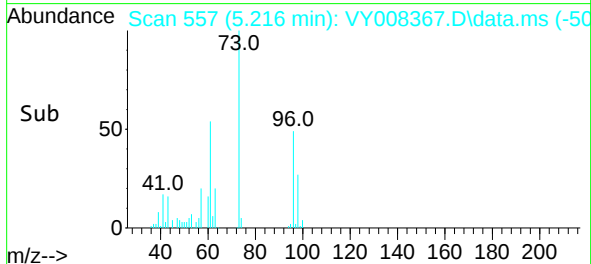
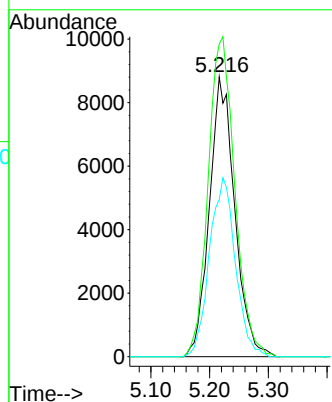


#21
trans-1,2-Dichloroethene
Concen: 17.014 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

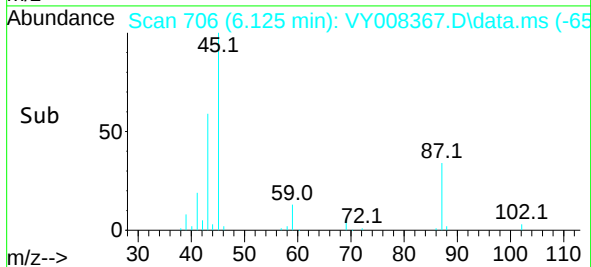
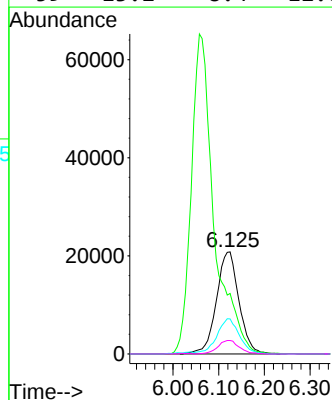
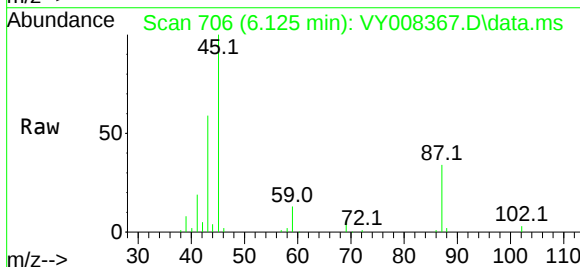


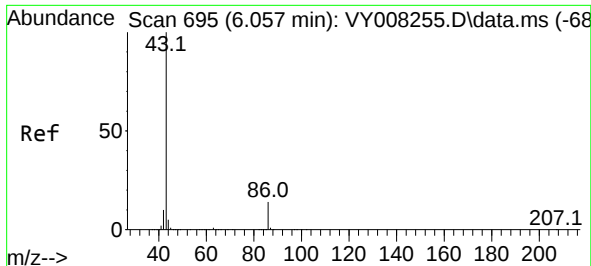
Tgt Ion: 96 Resp: 26442
Ion Ratio Lower Upper
96 100
61 111.7 120.5 180.7#
98 56.2 49.8 74.8



#22
Diisopropyl ether
Concen: 17.828 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 45 Resp: 71203
Ion Ratio Lower Upper
45 100
43 58.7 49.3 73.9
87 34.4 19.2 28.8#
59 13.2 8.4 12.6#

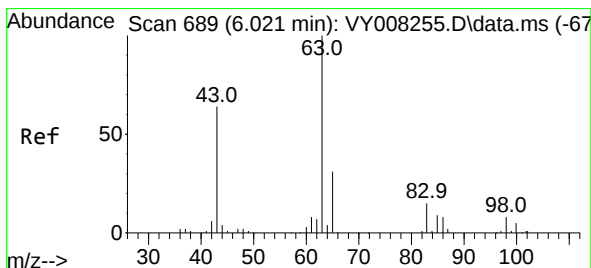
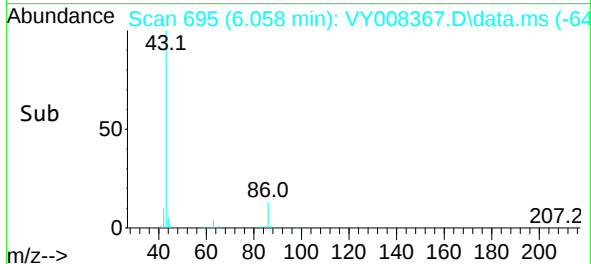
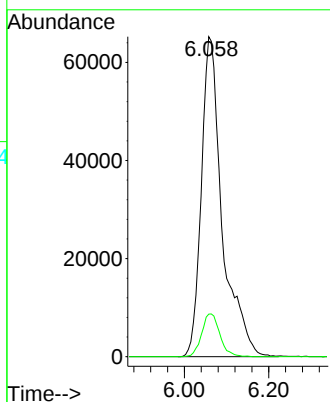
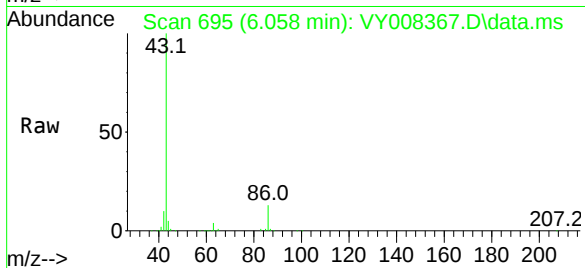




#23
 Vinyl Acetate
 Concen: 86.932 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

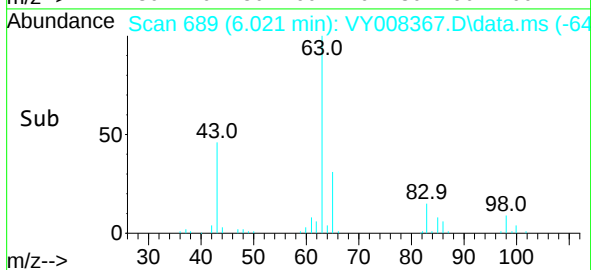
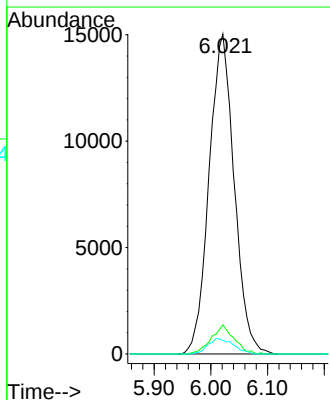
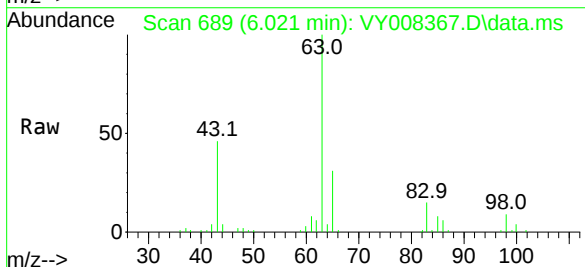
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

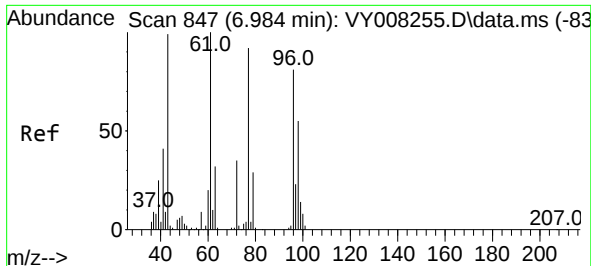
Tgt Ion: 43 Resp: 224971
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.046 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

Tgt Ion: 63 Resp: 46264
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 91.456 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

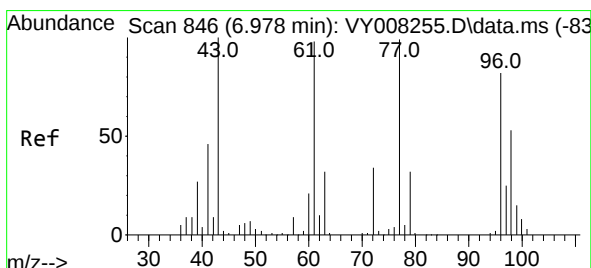
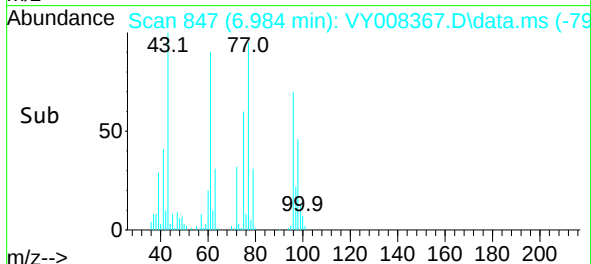
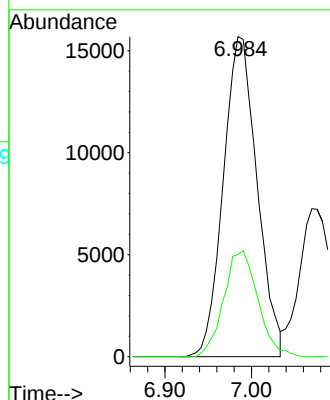
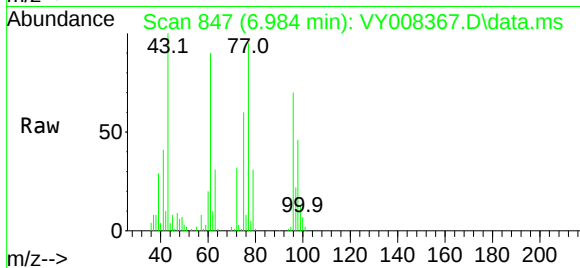
VY0418SBS01

Tgt Ion: 43 Resp: 42490

Ion Ratio Lower Upper

43 100

72 32.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 18.542 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008367.D

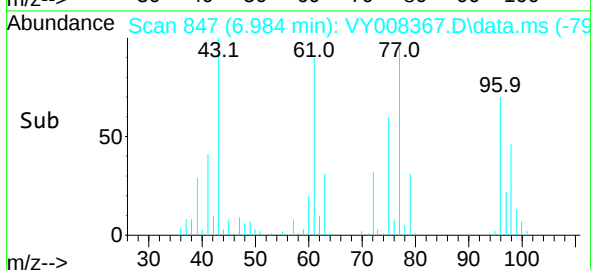
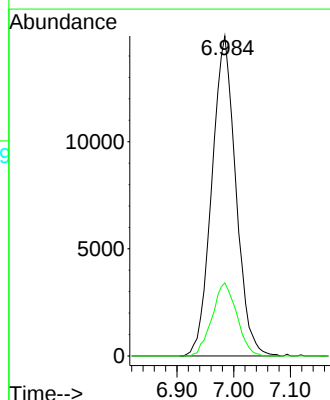
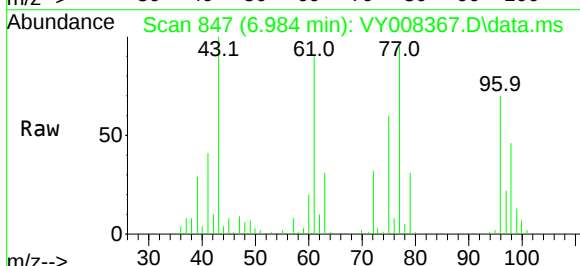
Acq: 18 Apr 2022 12:38

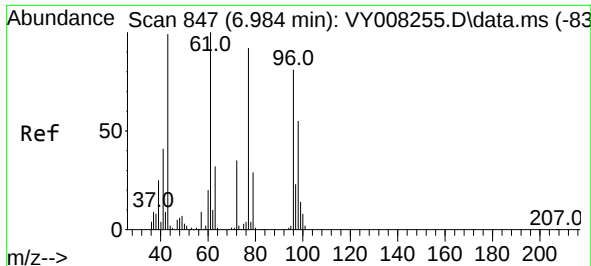
Tgt Ion: 77 Resp: 43776

Ion Ratio Lower Upper

77 100

97 23.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 16.970 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

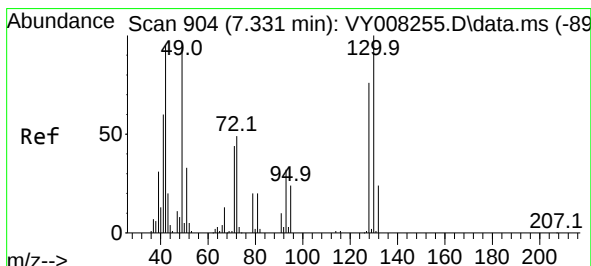
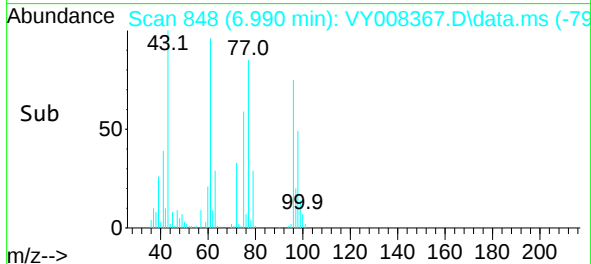
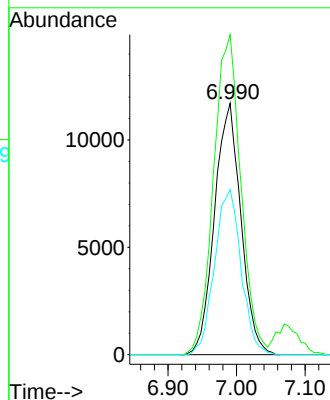
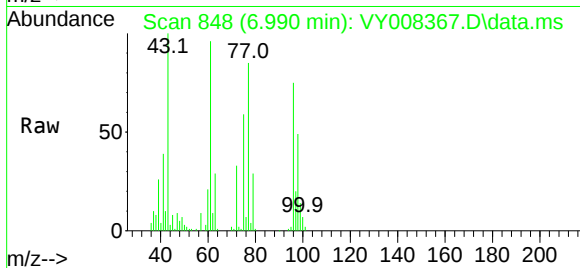
Tgt Ion: 96 Resp: 31291

Ion Ratio Lower Upper

96 100

61 132.0 0.0 319.8

98 66.1 0.0 127.0



#28

Bromochloromethane

Concen: 15.392 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

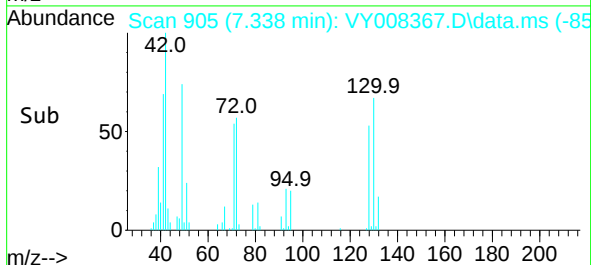
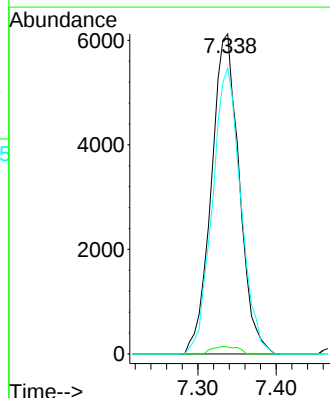
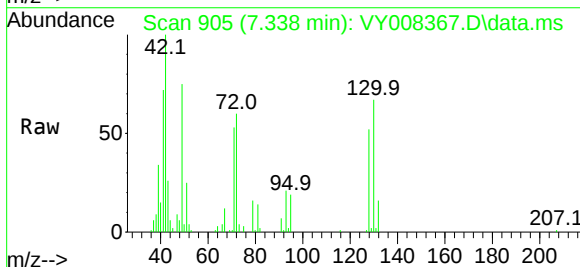
Tgt Ion: 49 Resp: 15125

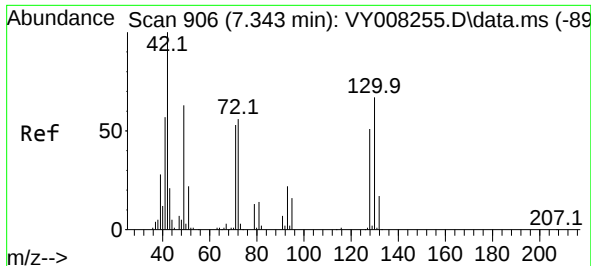
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

130 90.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 90.556 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

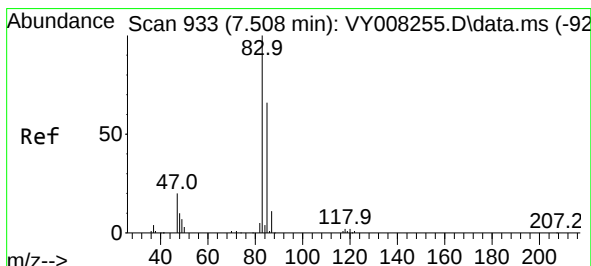
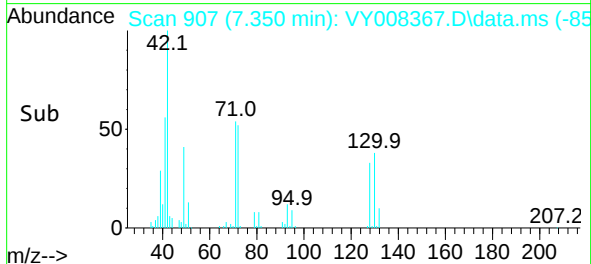
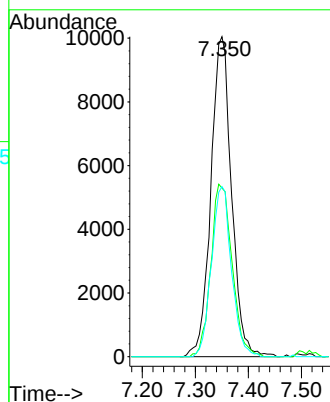
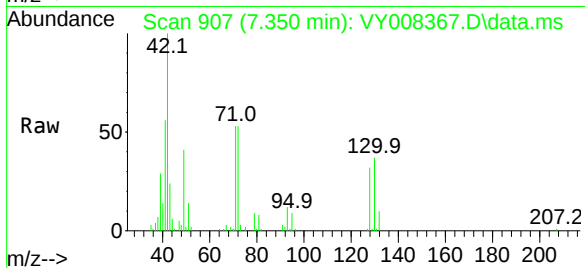
Tgt Ion: 42 Resp: 27163

Ion Ratio Lower Upper

42 100

72 55.5 30.3 45.5#

71 51.6 29.0 43.4#



#30

Chloroform

Concen: 17.697 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY008367.D

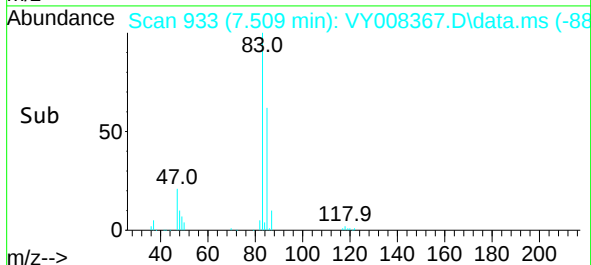
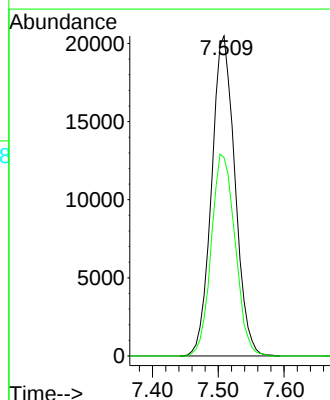
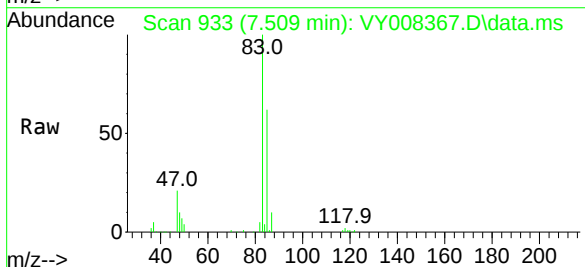
Acq: 18 Apr 2022 12:38

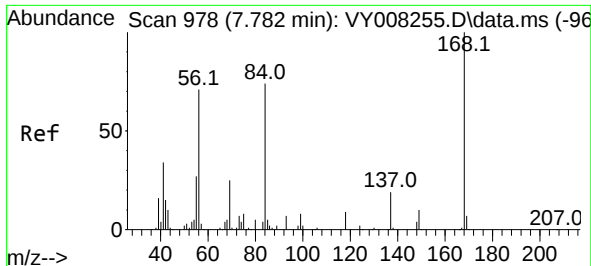
Tgt Ion: 83 Resp: 50660

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.6

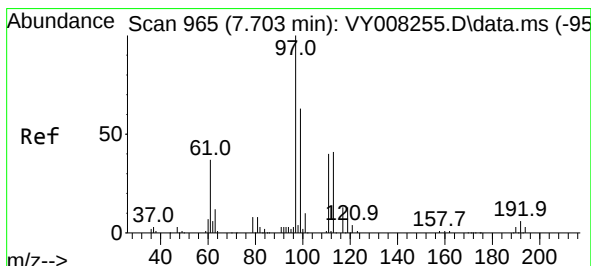
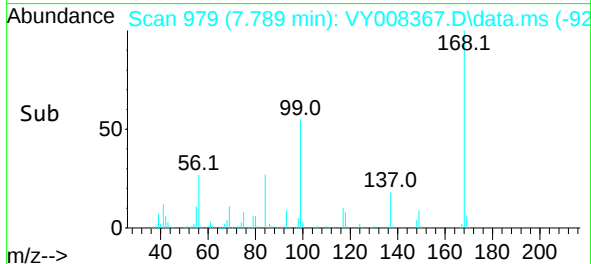
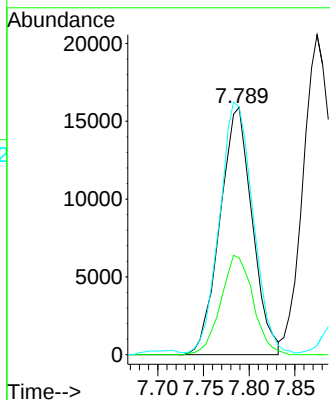
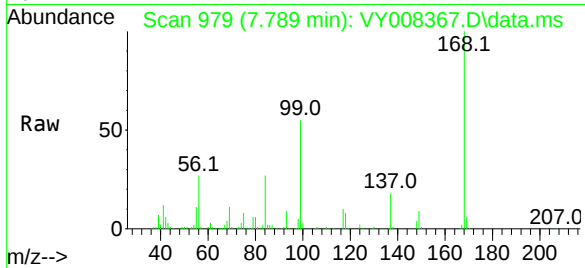




#31
Cyclohexane
Concen: 17.498 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

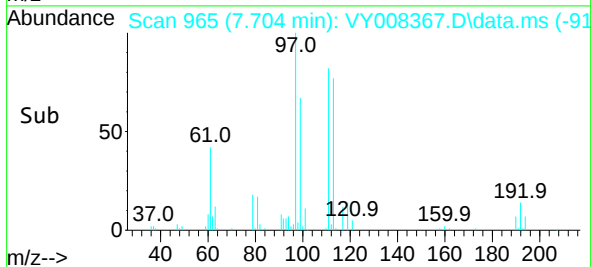
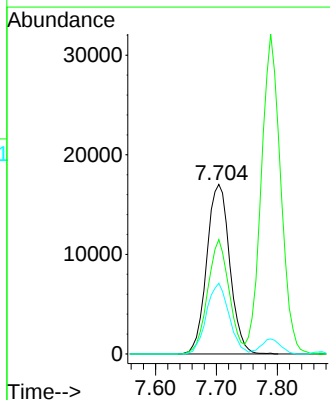
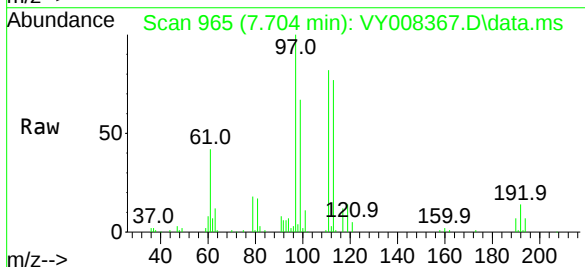
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

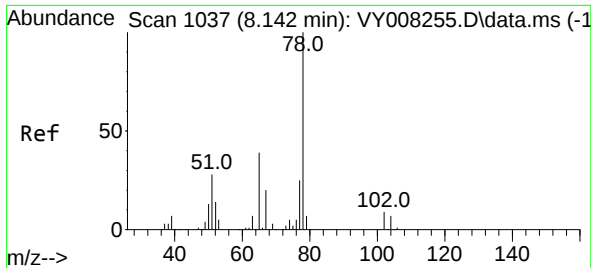
Tgt Ion: 56 Resp: 39088
Ion Ratio Lower Upper
56 100
69 39.2 26.7 40.1
84 98.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 17.856 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 97 Resp: 44716
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 40.9 37.6 56.4

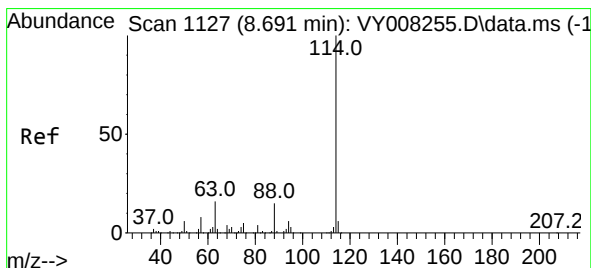
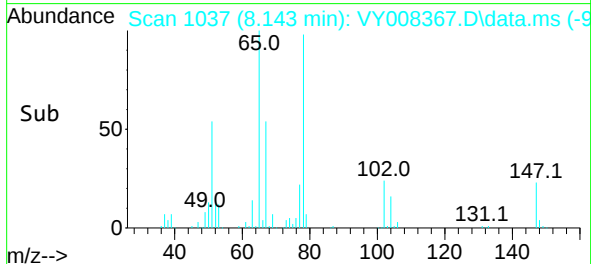
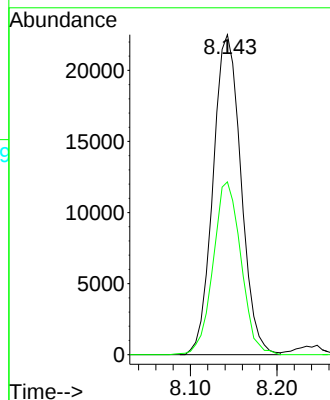
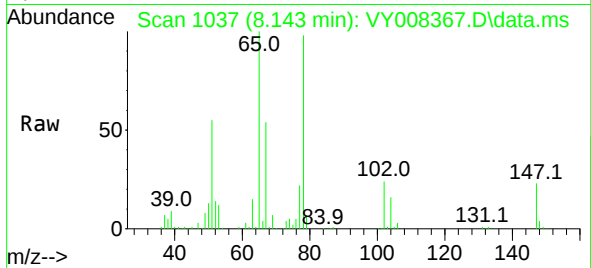




#33
 1,2-Dichloroethane-d4
 Concen: 40.857 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

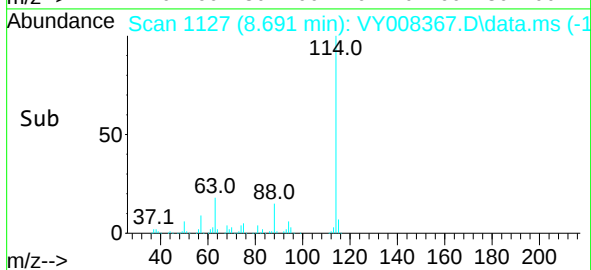
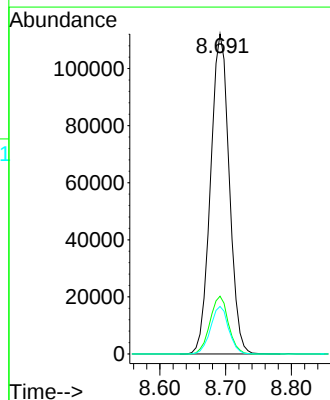
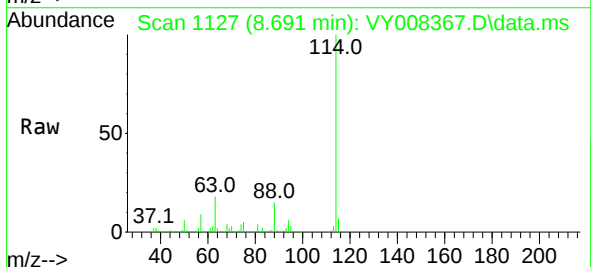
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBSD01

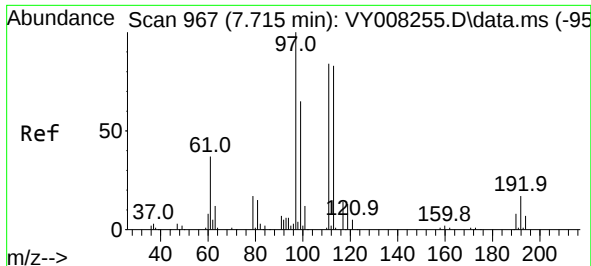
Tgt Ion: 65 Resp: 50471
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

Tgt Ion: 114 Resp: 221193
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.2
 88 14.8 0.0 31.8

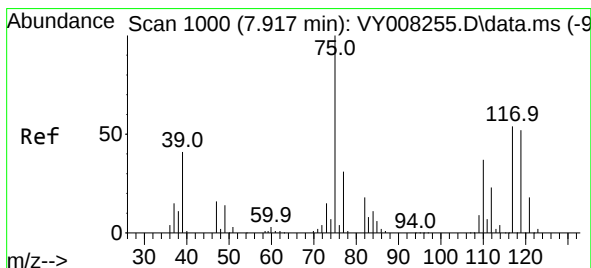
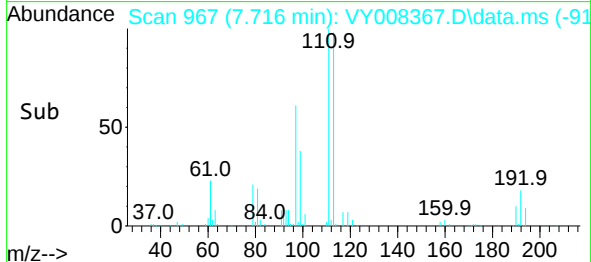
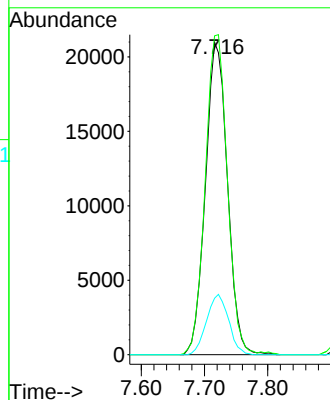
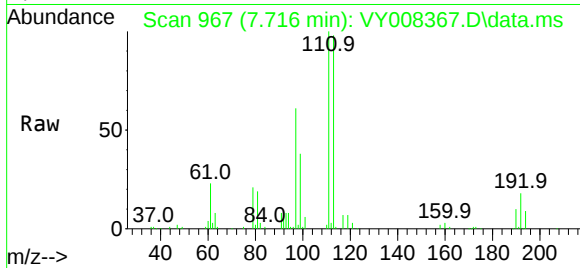




#35
Dibromofluoromethane
Concen: 39.809 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

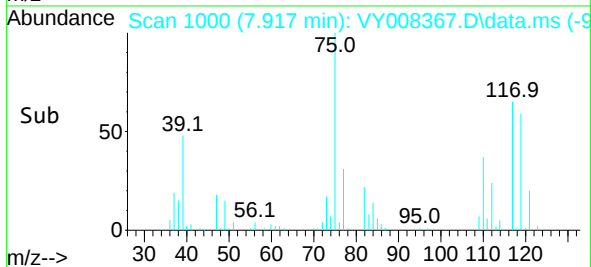
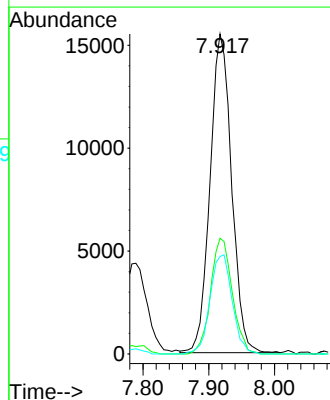
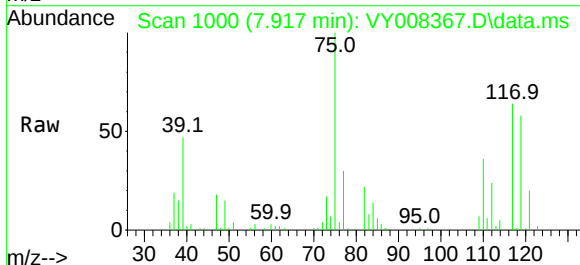
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

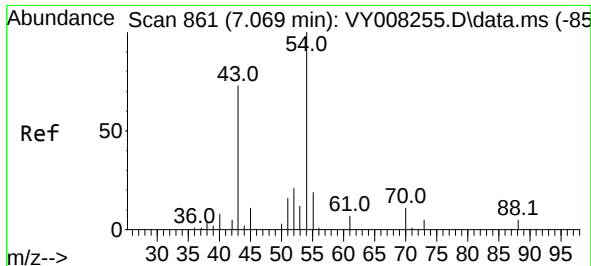
Tgt Ion:113 Resp: 50859
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 17.324 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 75 Resp: 35342
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 19.628 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

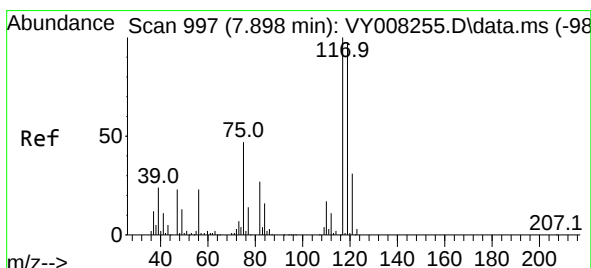
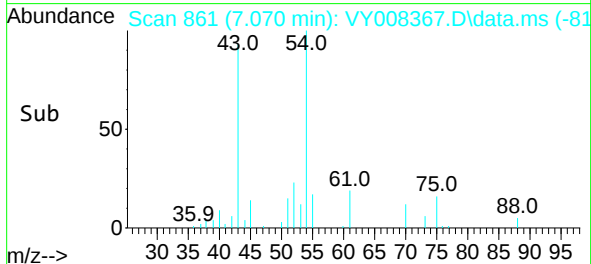
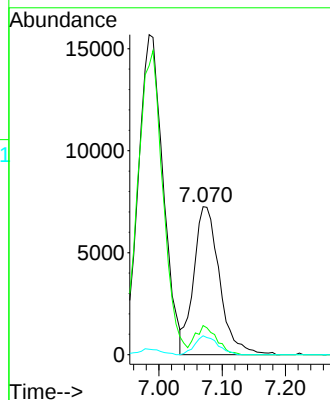
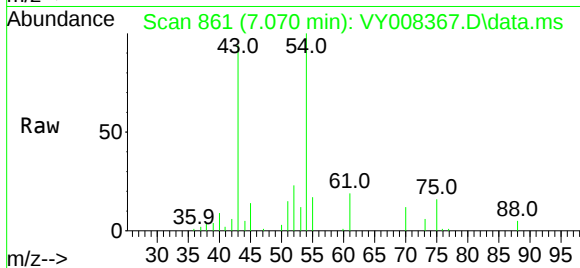
Tgt Ion: 43 Resp: 20647

Ion Ratio Lower Upper

43 100

61 16.3 9.7 14.5#

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 17.749 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

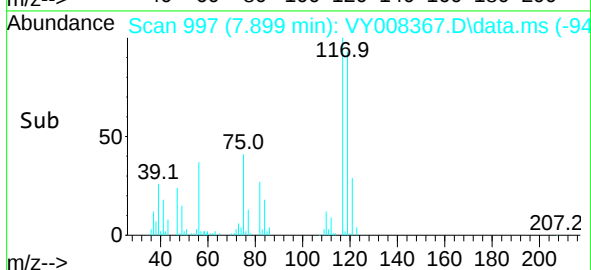
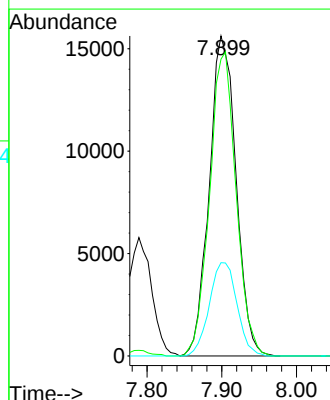
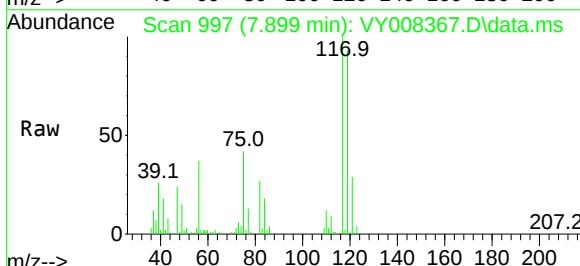
Tgt Ion: 117 Resp: 38956

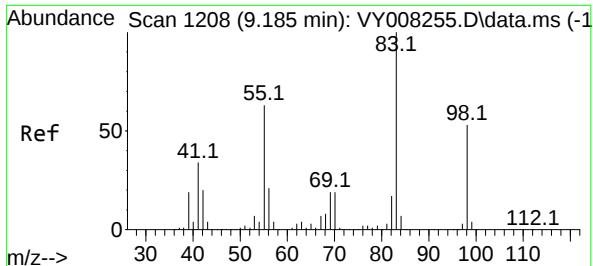
Ion Ratio Lower Upper

117 100

119 92.7 77.9 116.9

121 29.1 24.8 37.2





#39

Methylcyclohexane

Concen: 17.467 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

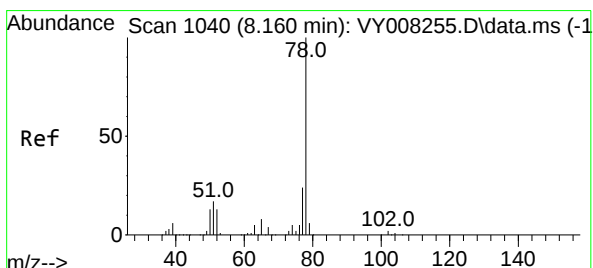
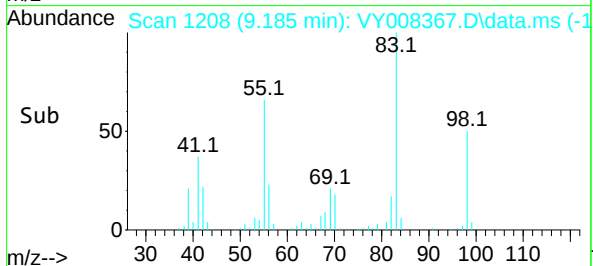
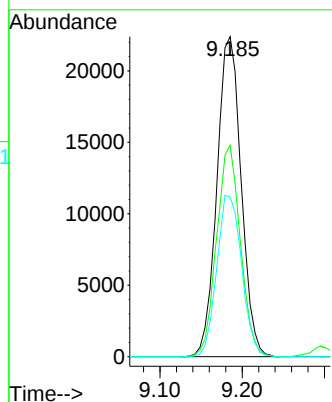
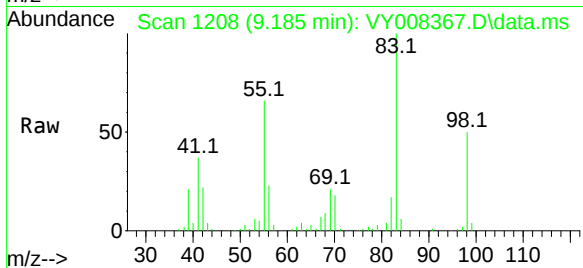
Tgt Ion: 83 Resp: 45849

Ion Ratio Lower Upper

83 100

55 66.0 66.5 99.7#

98 49.9 37.9 56.9



#40

Benzene

Concen: 17.612 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008367.D

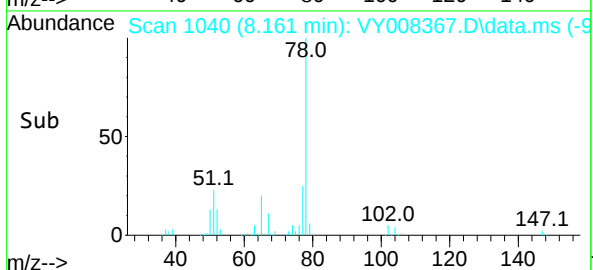
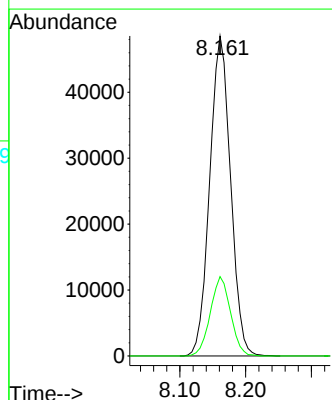
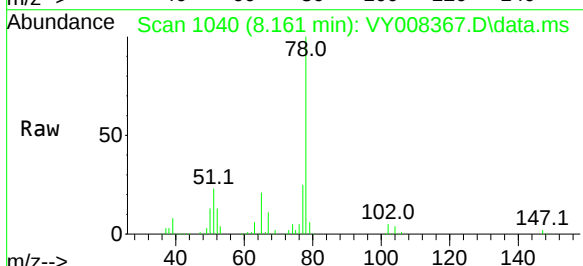
Acq: 18 Apr 2022 12:38

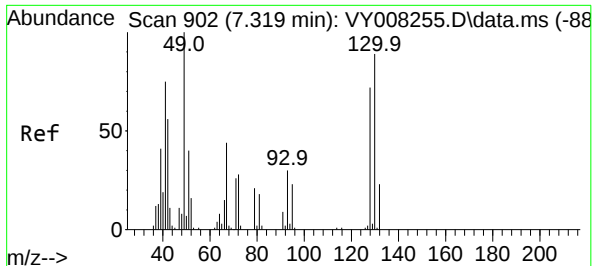
Tgt Ion: 78 Resp: 106994

Ion Ratio Lower Upper

78 100

77 24.8 20.4 30.6

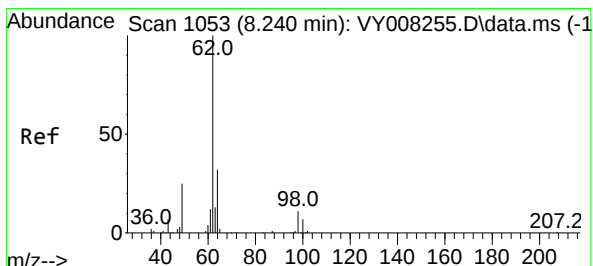
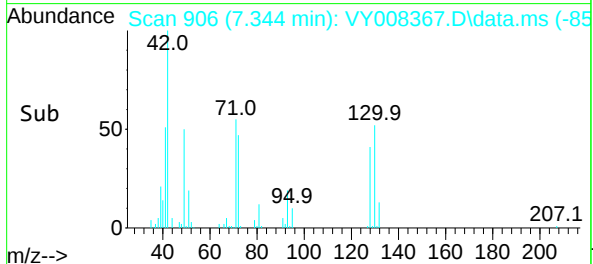
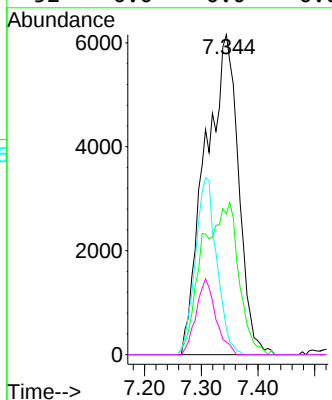
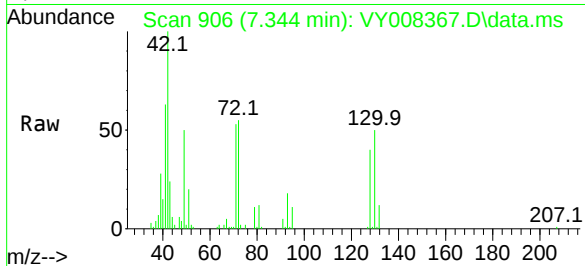




#41
Methacrylonitrile
Concen: 42.558 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

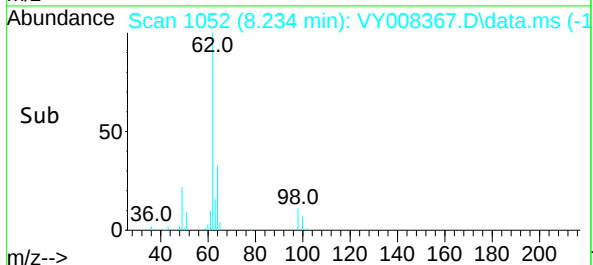
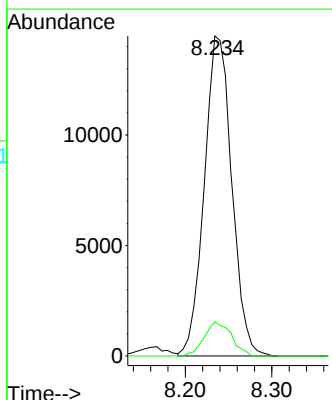
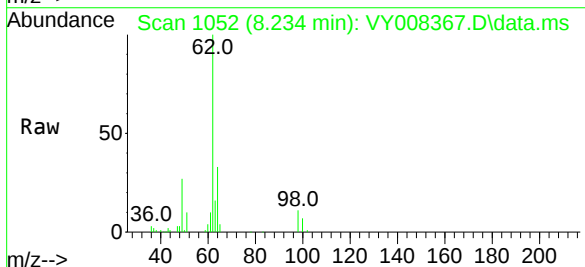
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

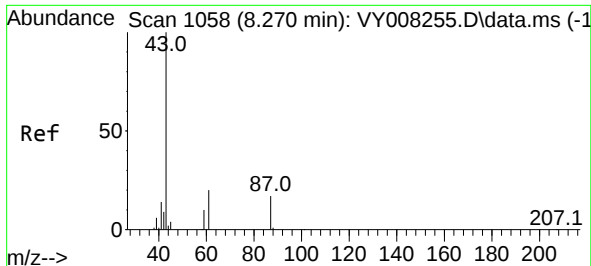
Tgt Ion: 41 Resp: 25045
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 18.116 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 62 Resp: 31930
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 18.224 ug/l

RT: 8.277 min Scan# 11059

Delta R.T. 0.007 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

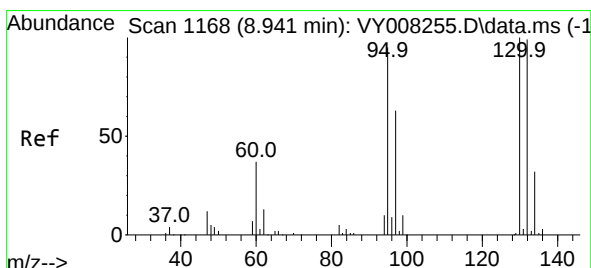
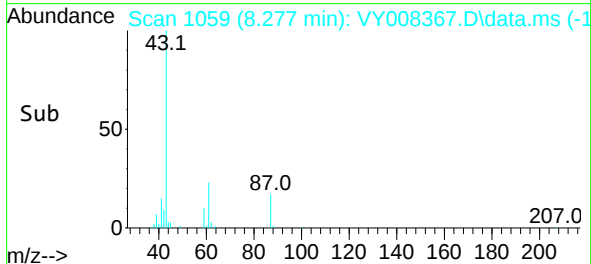
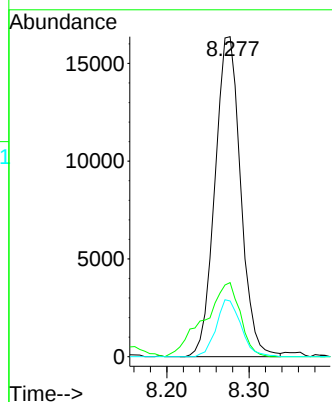
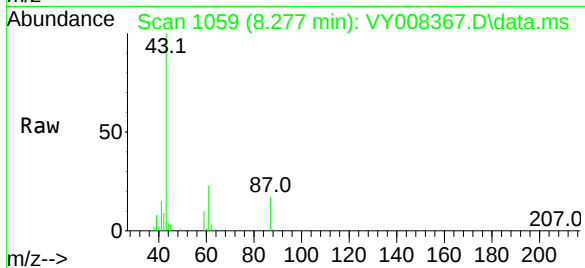
Tgt Ion: 43 Resp: 35578

Ion Ratio Lower Upper

43 100

61 32.3 20.2 30.2#

87 17.1 8.9 13.3#



#44

Trichloroethene

Concen: 17.138 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008367.D

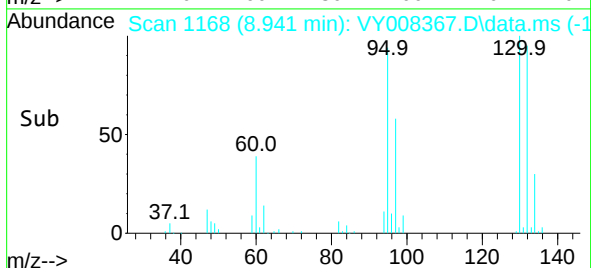
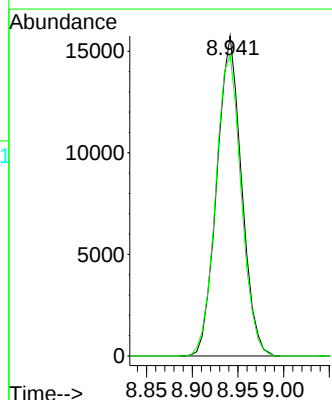
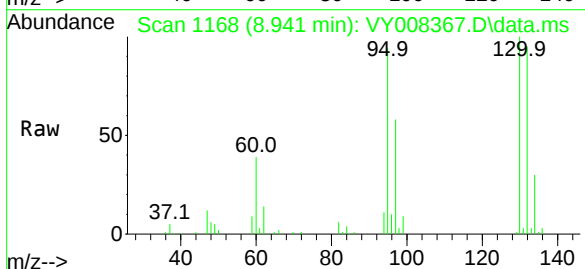
Acq: 18 Apr 2022 12:38

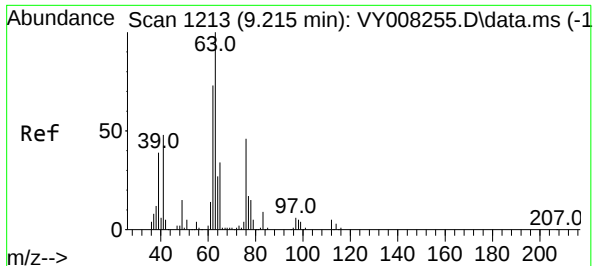
Tgt Ion:130 Resp: 29672

Ion Ratio Lower Upper

130 100

95 94.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 17.725 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

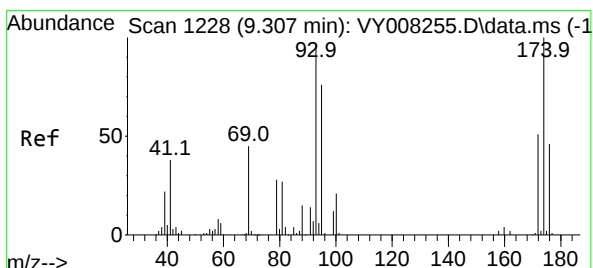
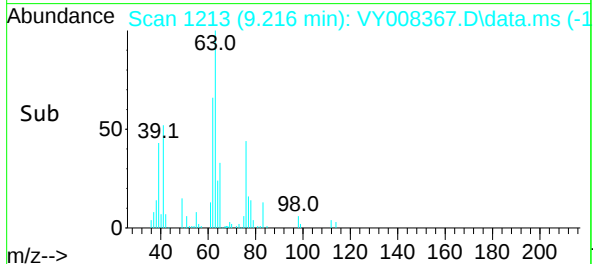
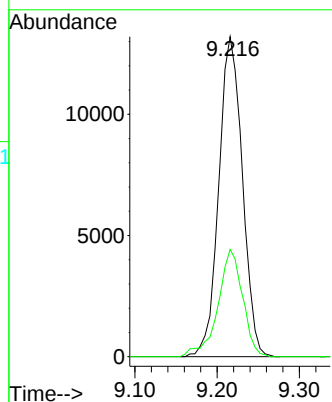
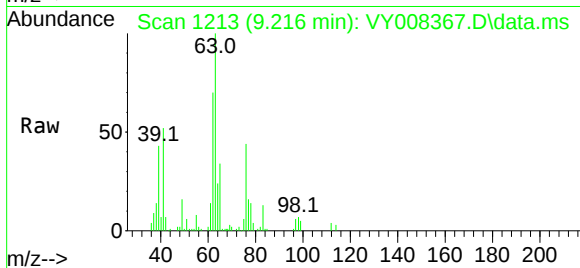
VY0418SBS01

Tgt Ion: 63 Resp: 26305

Ion Ratio Lower Upper

63 100

65 33.5 23.0 34.6



#46

Dibromomethane

Concen: 17.596 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

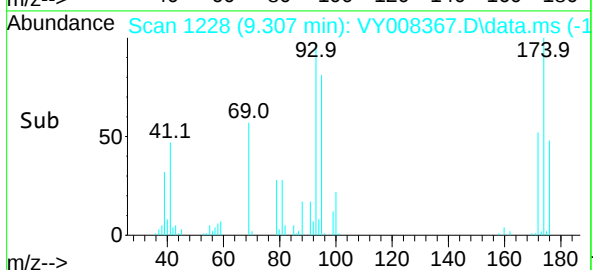
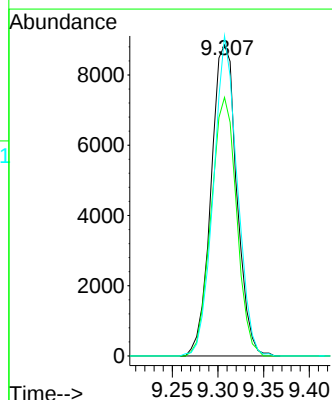
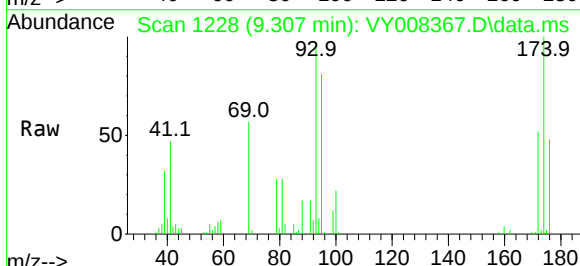
Tgt Ion: 93 Resp: 17284

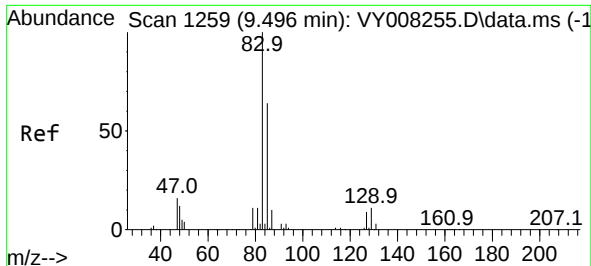
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 95.2 83.4 125.0

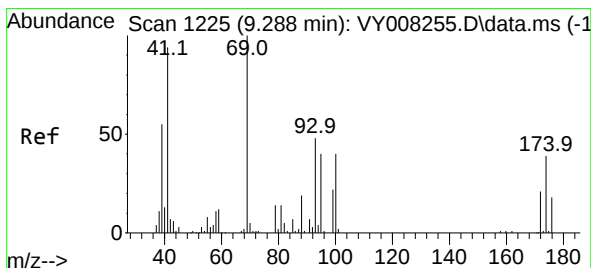
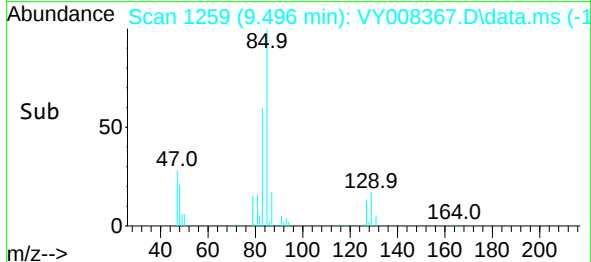
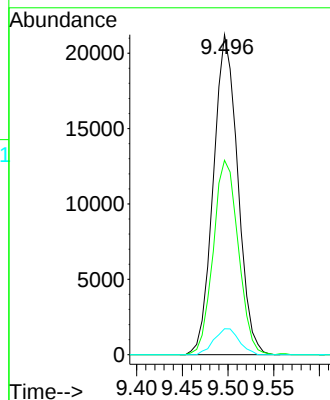
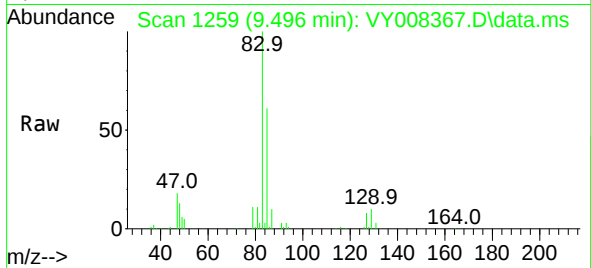




#47
Bromodichloromethane
Concen: 17.819 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

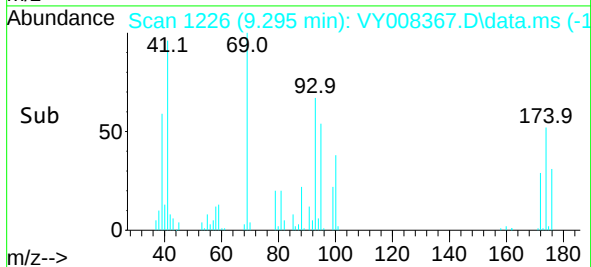
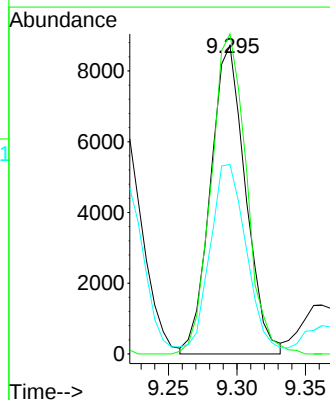
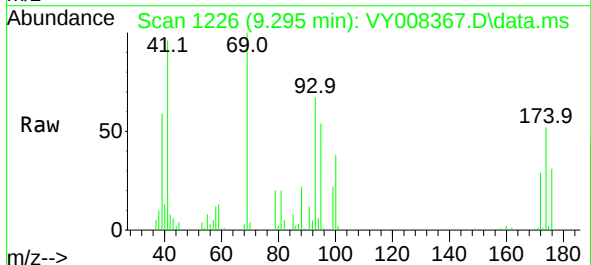
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

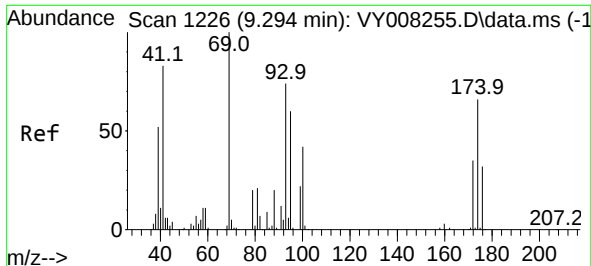
Tgt Ion: 83 Resp: 39363
Ion Ratio Lower Upper
83 100
85 60.7 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 18.697 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.007 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 41 Resp: 15517
Ion Ratio Lower Upper
41 100
69 104.2 58.2 87.2#
39 64.8 47.4 71.0





#49

1,4-Dioxane

Concen: 383.407 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY008367.D

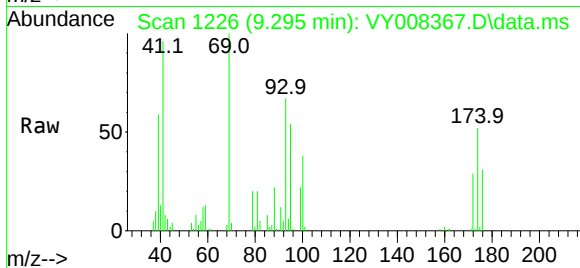
Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01



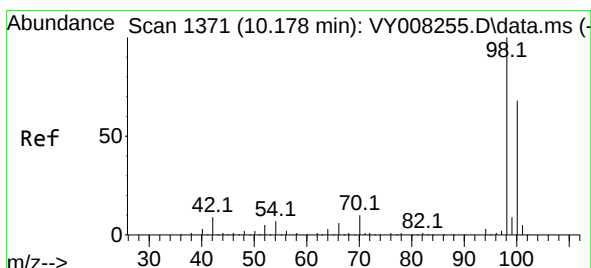
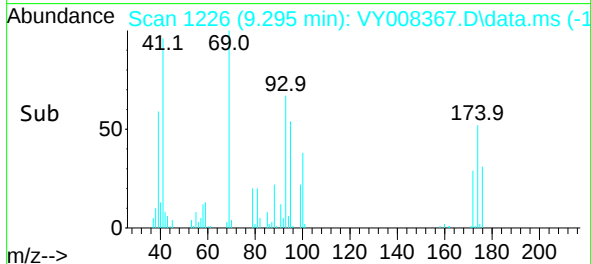
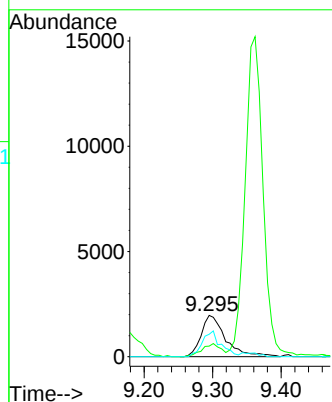
Tgt Ion: 88 Resp: 4860

Ion Ratio Lower Upper

88 100

43 24.5 32.8 49.2#

58 47.3 59.8 89.6#



#50

Toluene-d8

Concen: 39.226 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008367.D

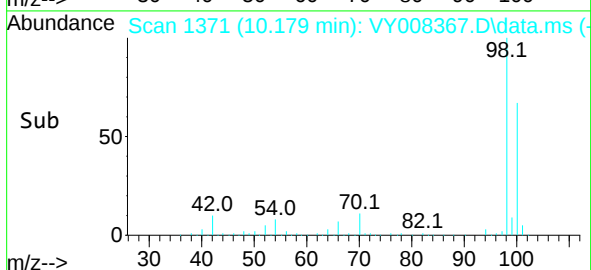
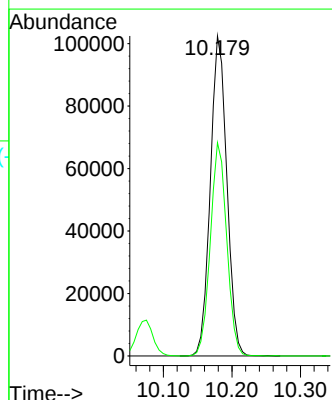
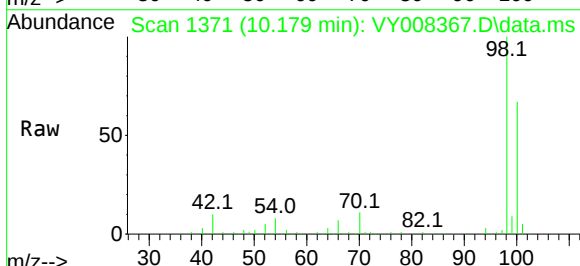
Acq: 18 Apr 2022 12:38

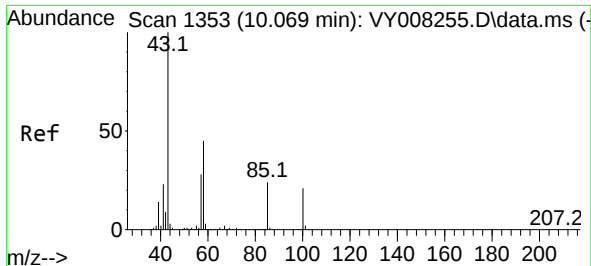
Tgt Ion: 98 Resp: 171481

Ion Ratio Lower Upper

98 100

100 66.1 50.2 75.2

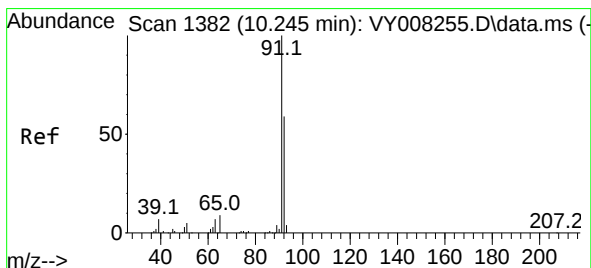
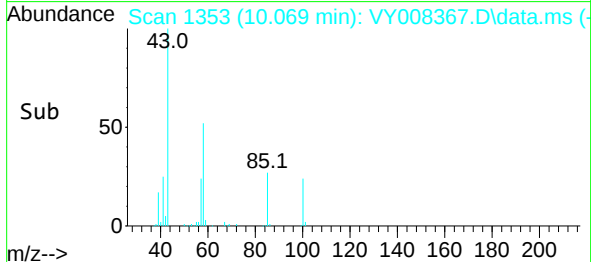
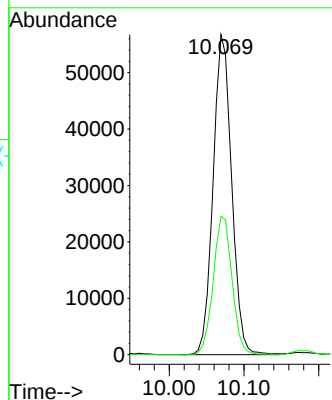
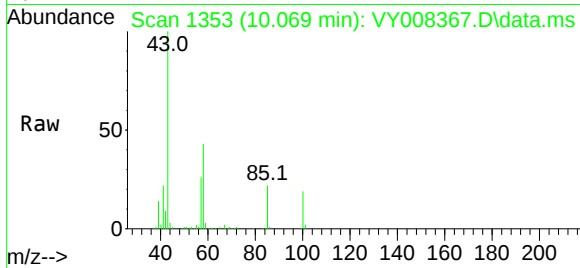




#51
4-Methyl-2-Pentanone
Concen: 97.036 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

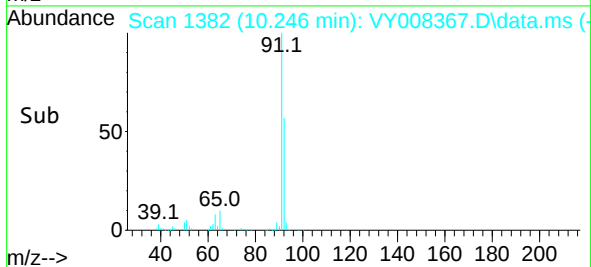
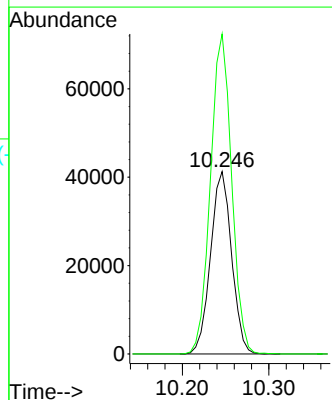
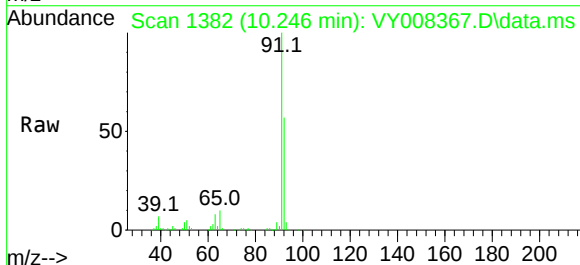
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

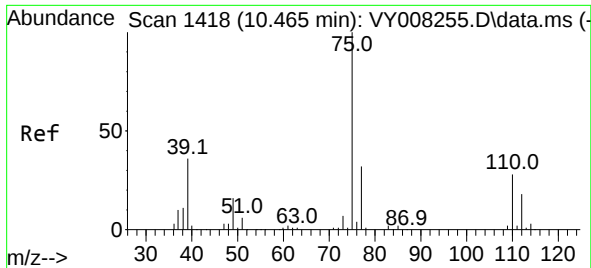
Tgt Ion: 43 Resp: 97821
Ion Ratio Lower Upper
43 100
58 43.8 28.1 42.1#



#52
Toluene
Concen: 17.410 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 92 Resp: 69685
Ion Ratio Lower Upper
92 100
91 176.4 142.6 213.8

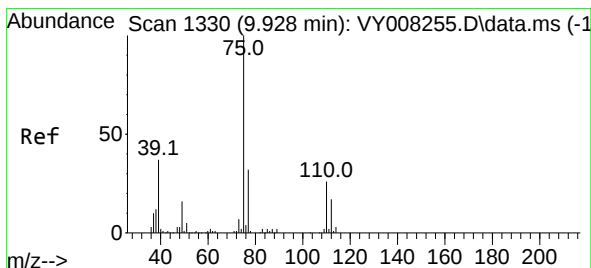
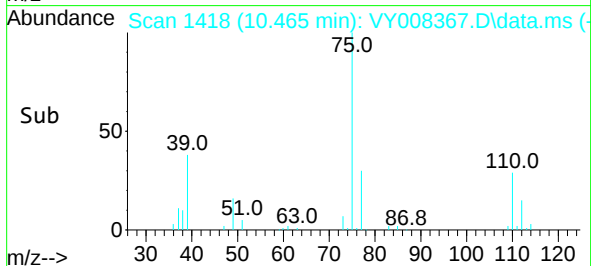
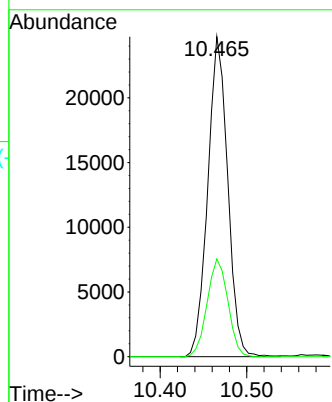
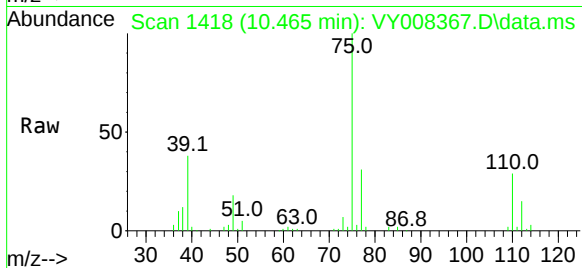




#53
 t-1,3-Dichloropropene
 Concen: 17.560 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

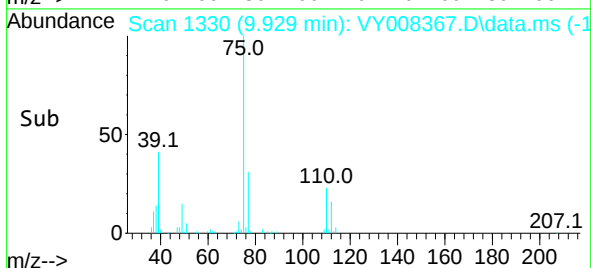
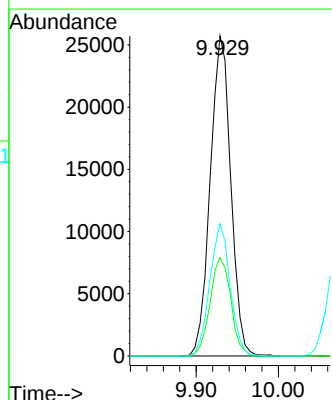
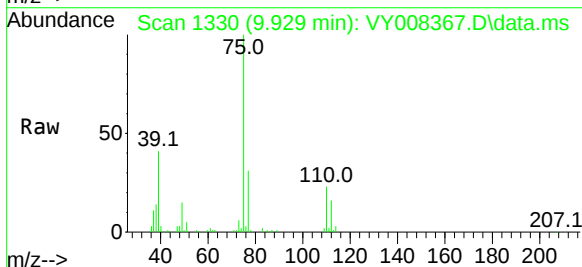
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

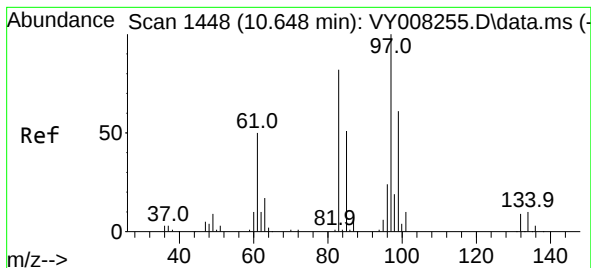
Tgt Ion: 75 Resp: 39533
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.584 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.001 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

Tgt Ion: 75 Resp: 44661
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4
 39 41.3 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 17.626 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

Tgt Ion: 97 Resp: 24696

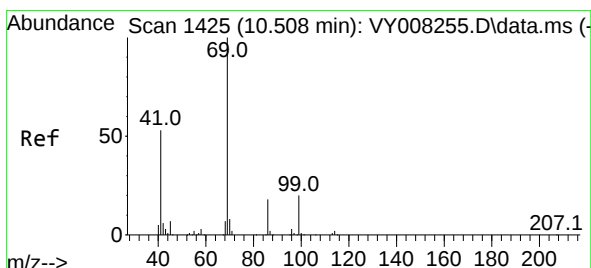
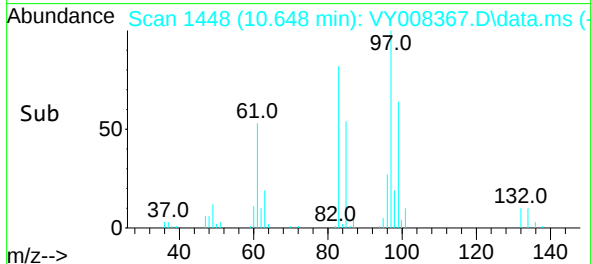
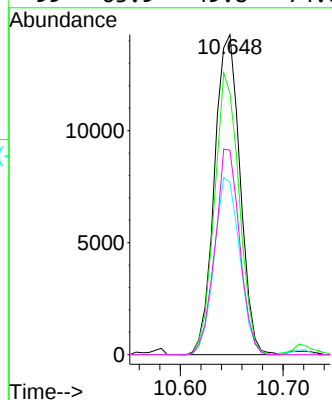
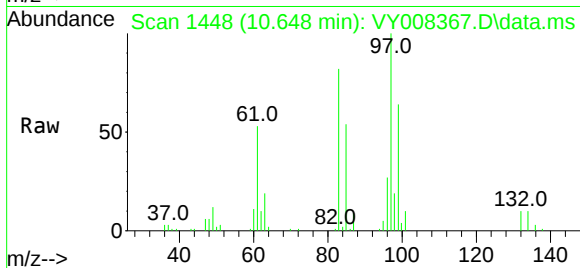
Ion Ratio Lower Upper

97 100

83 81.8 69.8 104.8

85 53.8 44.3 66.5

99 63.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 17.660 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

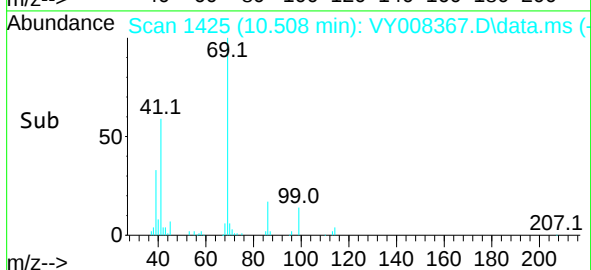
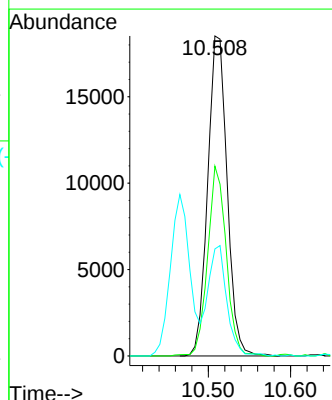
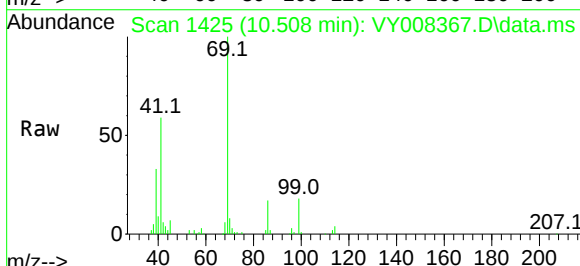
Tgt Ion: 69 Resp: 30337

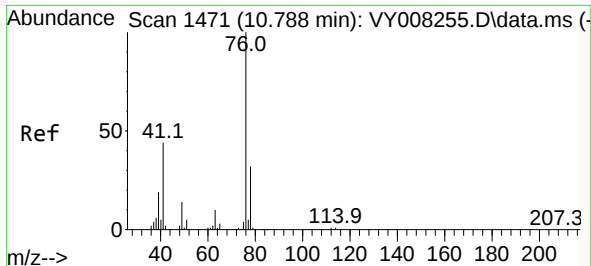
Ion Ratio Lower Upper

69 100

41 56.9 63.4 95.0#

39 33.5 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 17.533 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

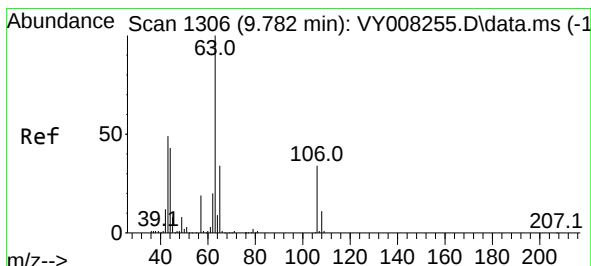
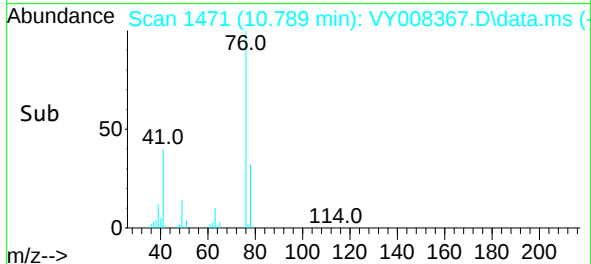
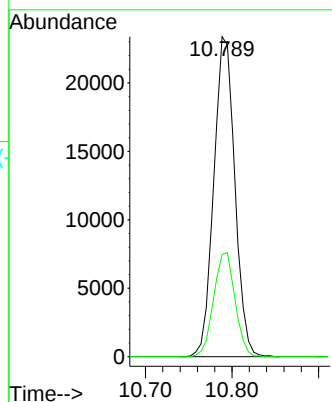
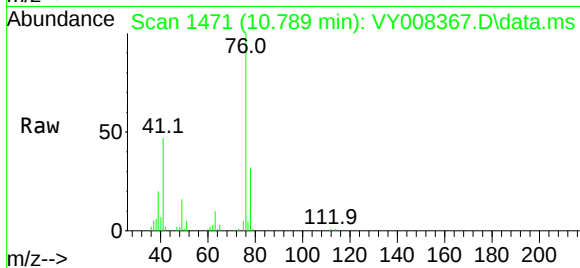
VY0418SBS01

Tgt Ion: 76 Resp: 39449

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 85.724 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008367.D

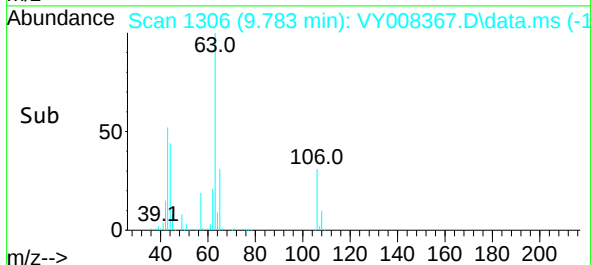
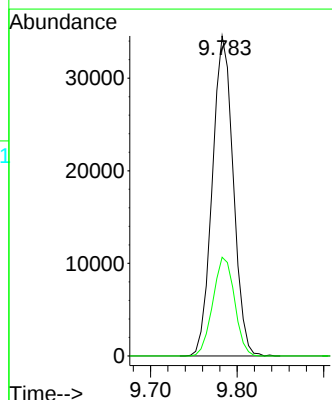
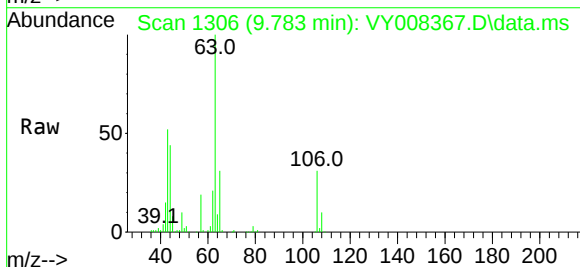
Acq: 18 Apr 2022 12:38

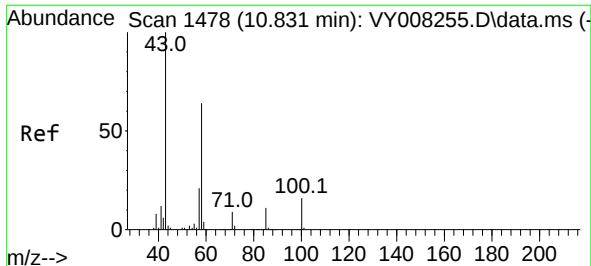
Tgt Ion: 63 Resp: 58006

Ion Ratio Lower Upper

63 100

106 31.9 21.5 32.3

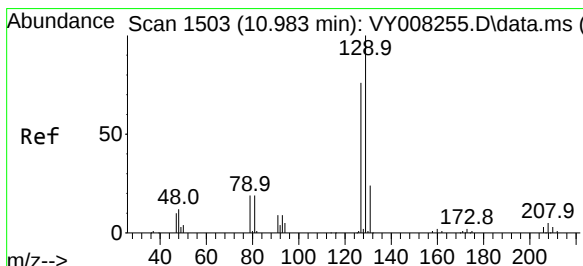
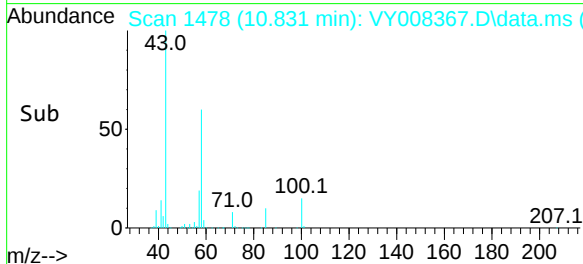
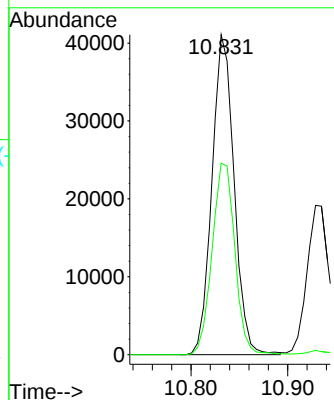
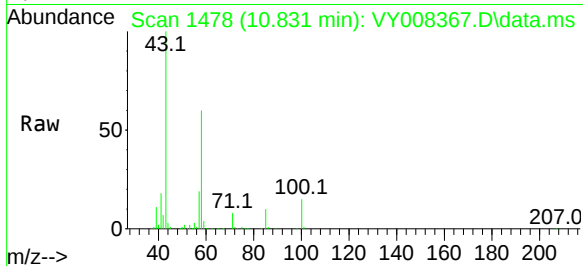




#59
2-Hexanone
Concen: 94.008 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

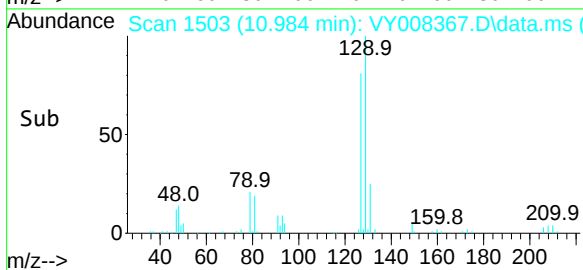
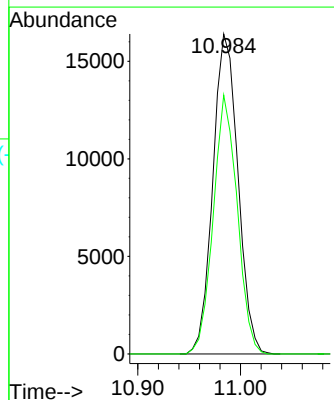
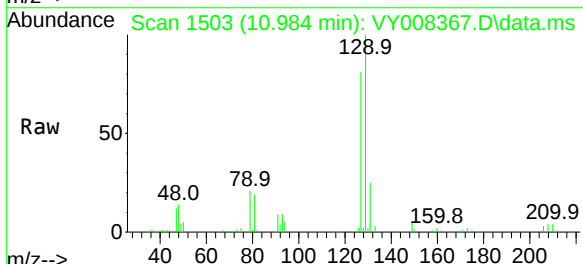
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

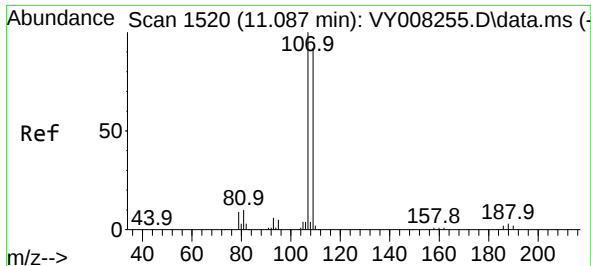
Tgt Ion: 43 Resp: 65210
Ion Ratio Lower Upper
43 100
58 61.7 24.4 73.4



#60
Dibromochloromethane
Concen: 17.000 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 129 Resp: 27824
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

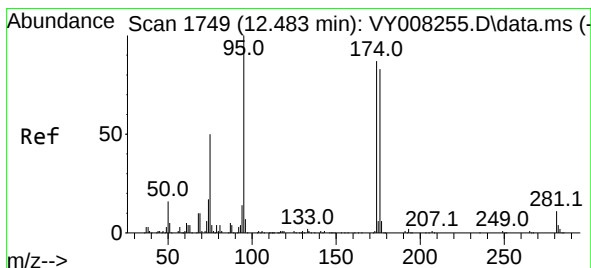
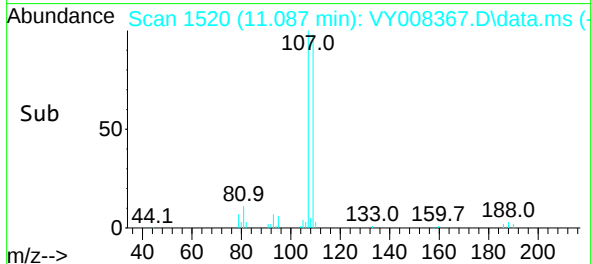
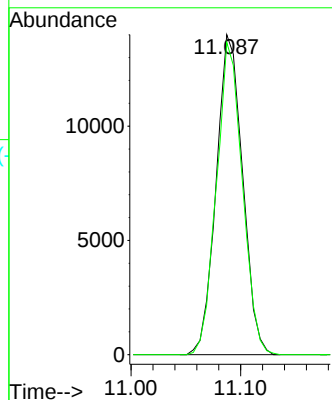
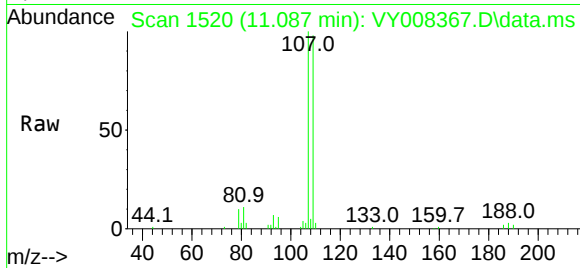




#61
1,2-Dibromoethane
Concen: 17.100 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

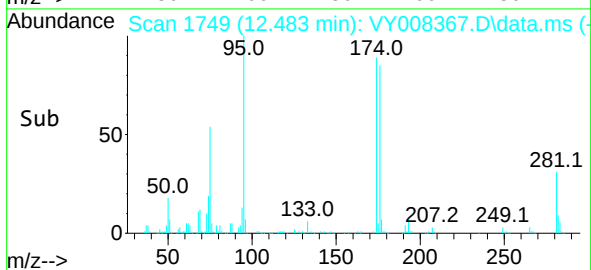
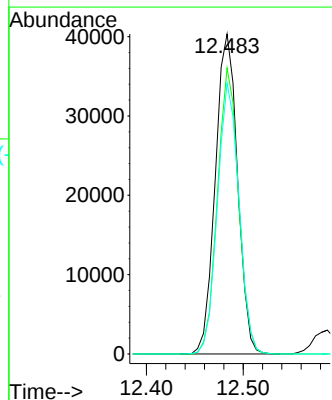
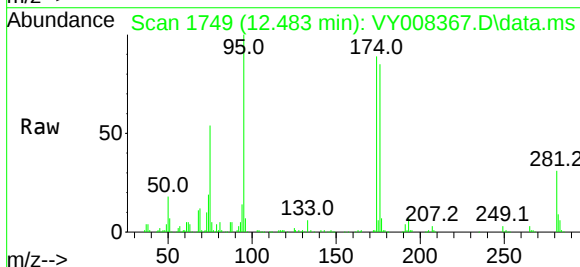
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

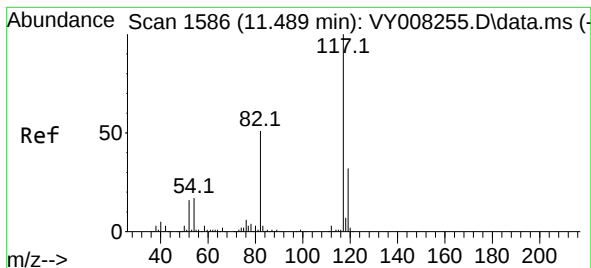
Tgt Ion:107 Resp: 23425
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 39.032 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 95 Resp: 64179
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 82.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

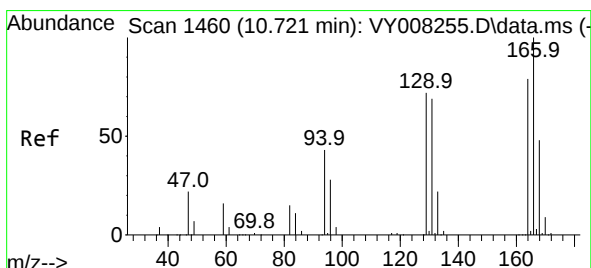
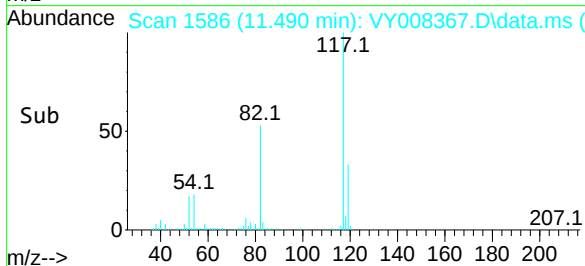
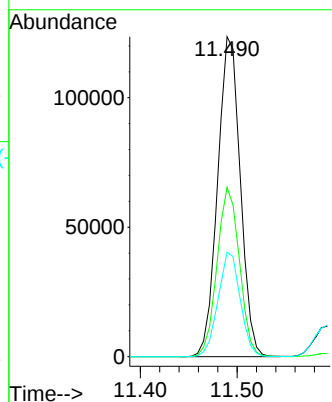
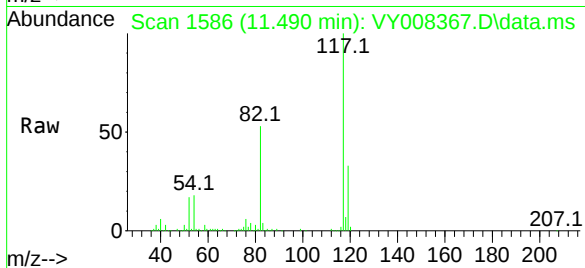
Tgt Ion:117 Resp: 201186

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 18.395 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Tgt Ion:164 Resp: 26083

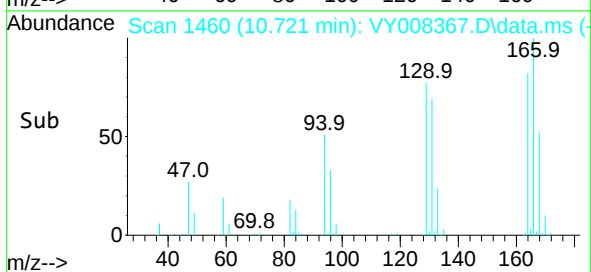
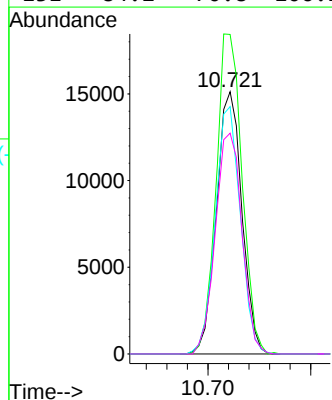
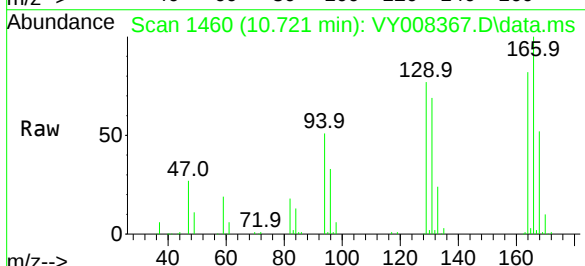
Ion Ratio Lower Upper

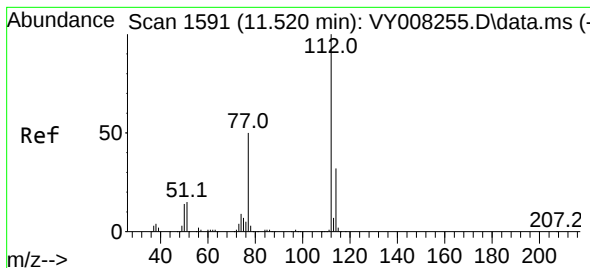
164 100

166 121.9 100.4 150.6

129 94.3 71.4 107.0

131 84.2 70.8 106.2





#65

Chlorobenzene

Concen: 17.936 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

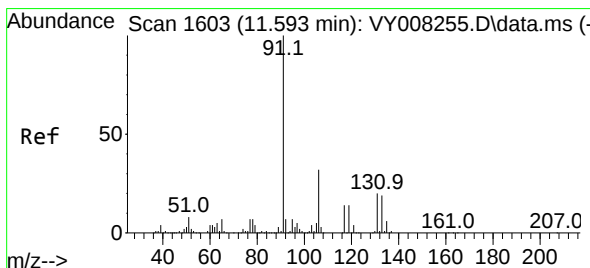
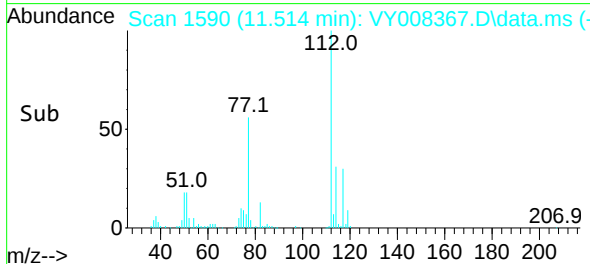
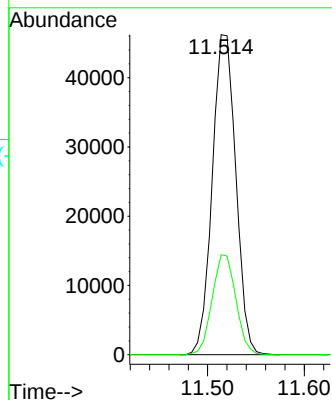
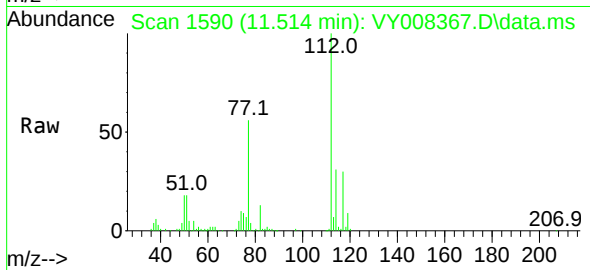
VY0418SBS01

Tgt Ion:112 Resp: 78256

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 17.517 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

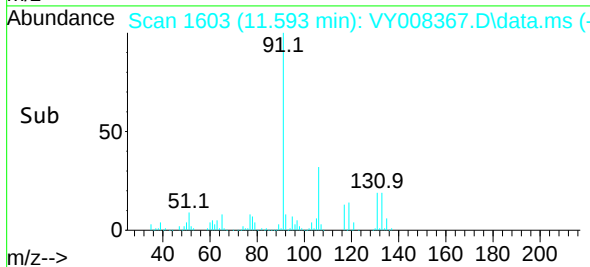
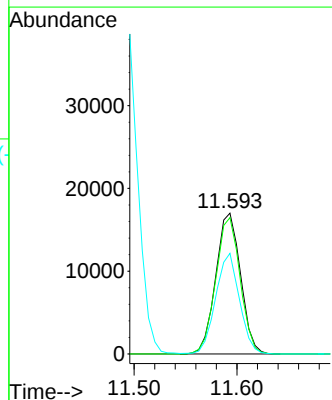
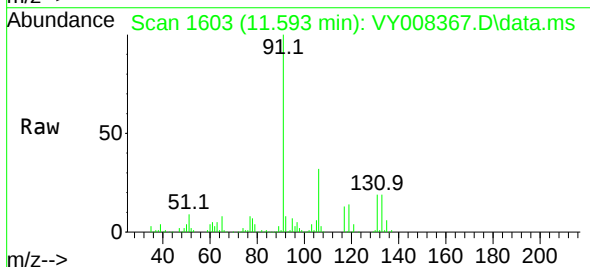
Tgt Ion:131 Resp: 28519

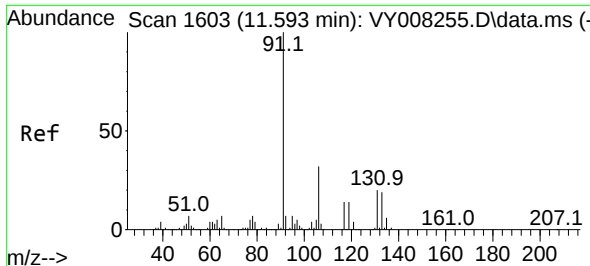
Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

119 68.5 30.8 92.3

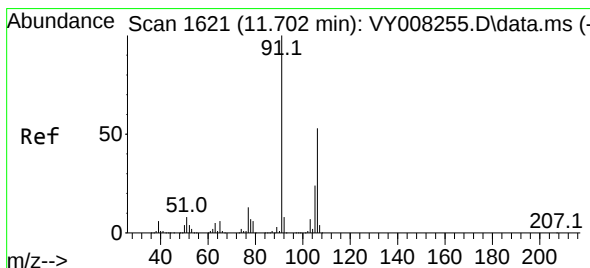
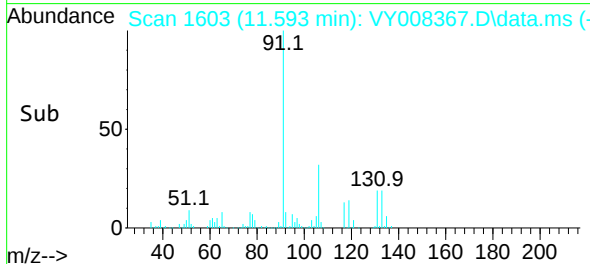
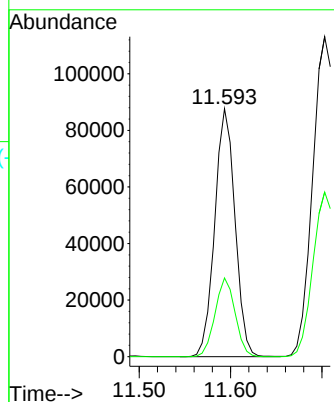
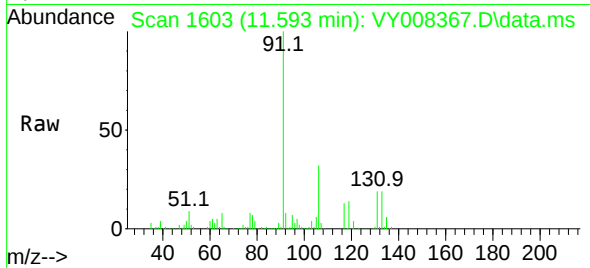




#67
Ethyl Benzene
Concen: 18.209 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

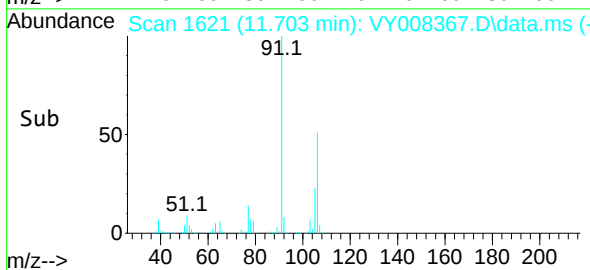
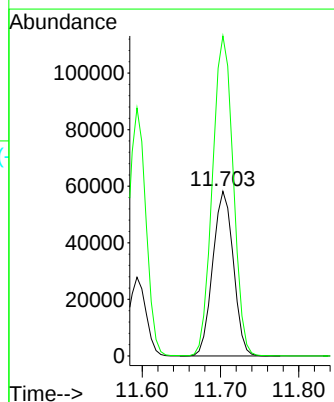
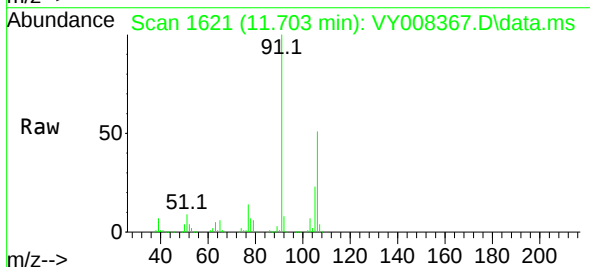
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

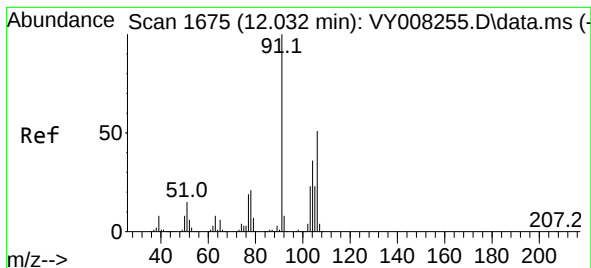
Tgt Ion: 91 Resp: 135103
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 36.008 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 106 Resp: 106252
Ion Ratio Lower Upper
106 100
91 196.0 166.6 249.8





#69

o-Xylene

Concen: 17.743 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

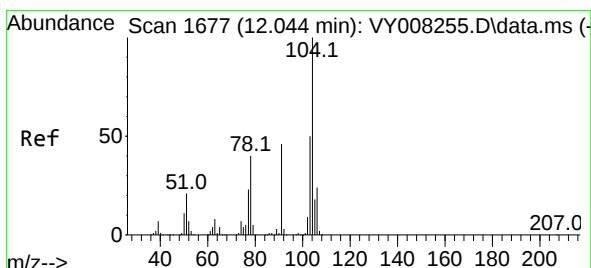
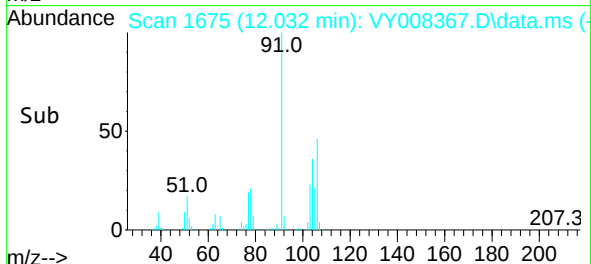
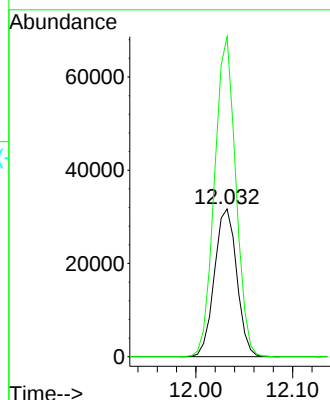
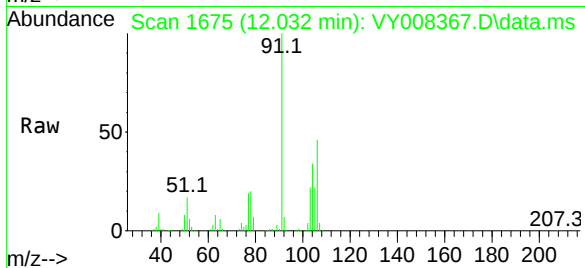
VY0418SBS01

Tgt Ion:106 Resp: 50808

Ion Ratio Lower Upper

106 100

91 206.5 110.3 331.0



#70

Styrene

Concen: 17.825 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

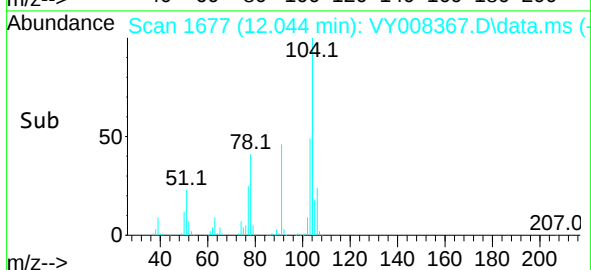
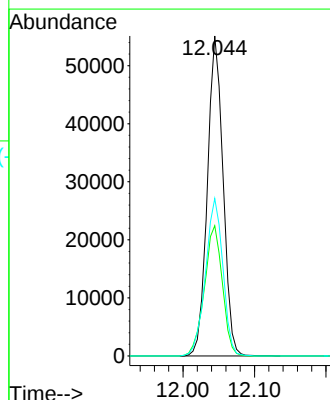
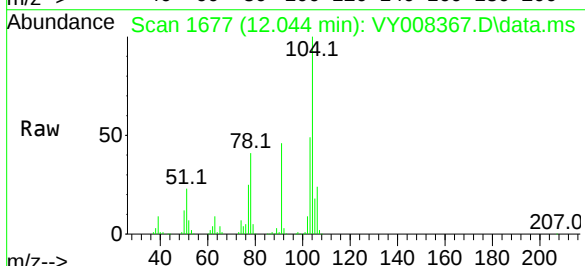
Tgt Ion:104 Resp: 84178

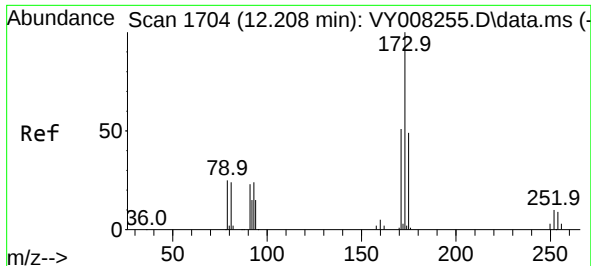
Ion Ratio Lower Upper

104 100

78 46.4 42.4 63.6

103 54.4 44.4 66.6

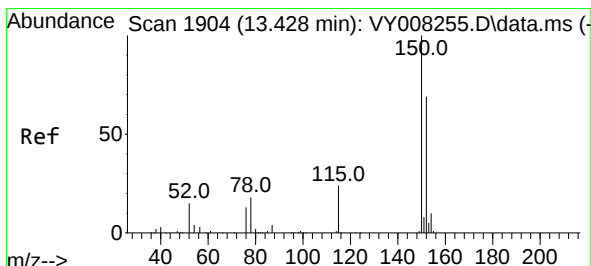
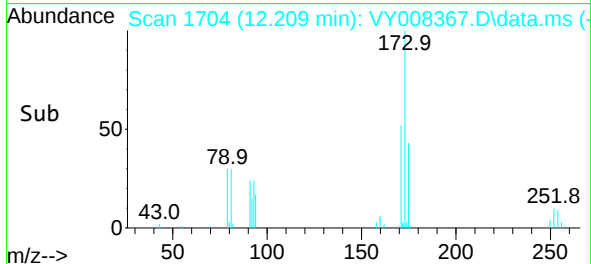
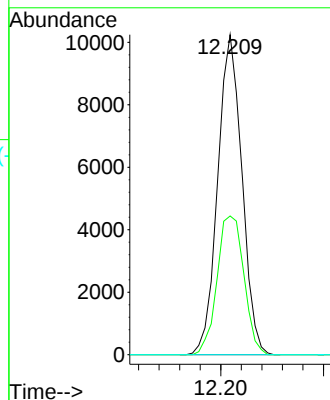
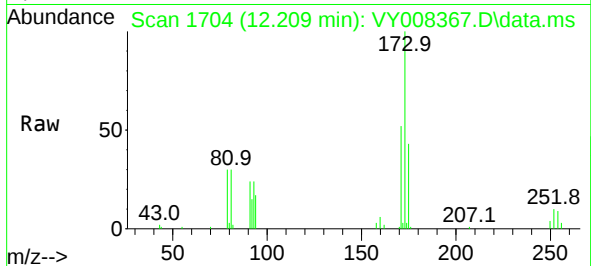




#71
Bromoform
Concen: 17.061 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

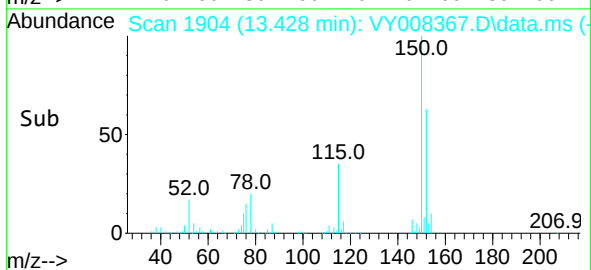
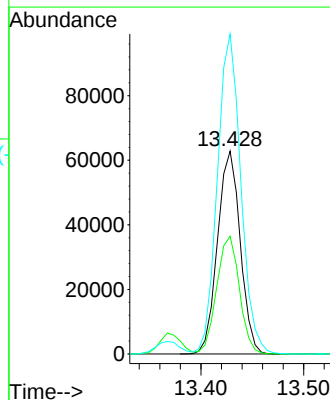
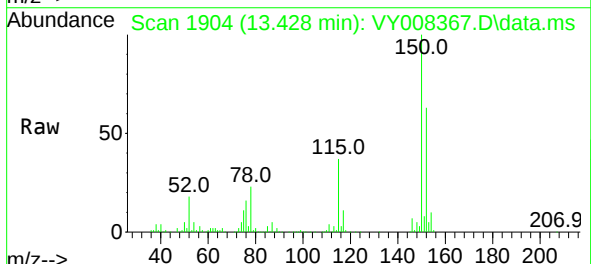
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

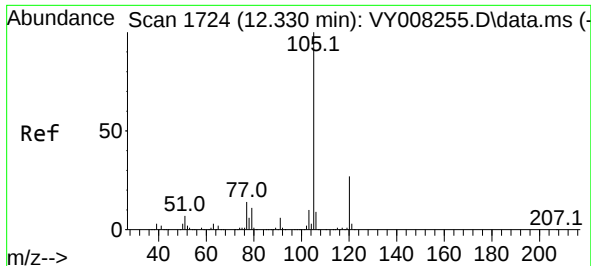
Tgt Ion:173 Resp: 16743
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion:152 Resp: 96272
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 163.0 0.0 347.6

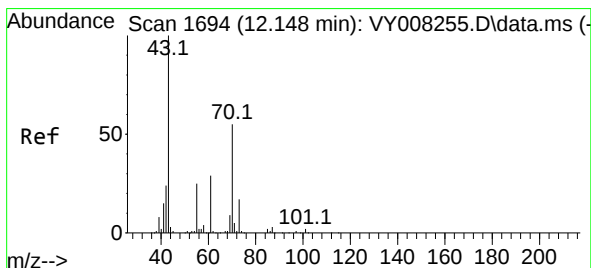
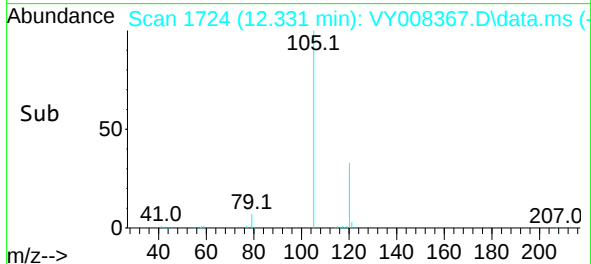
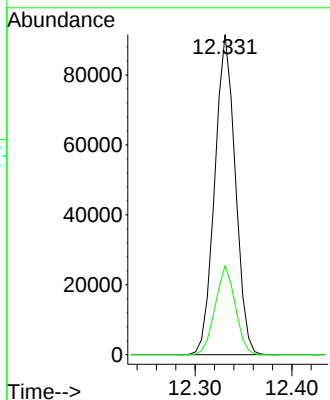
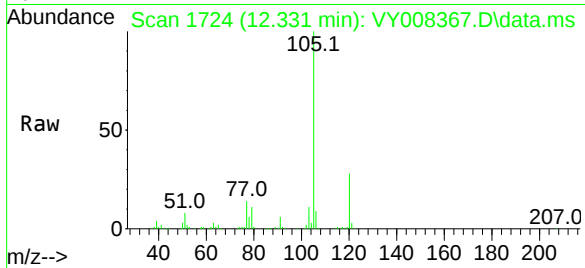




#73
Isopropylbenzene
Concen: 18.828 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

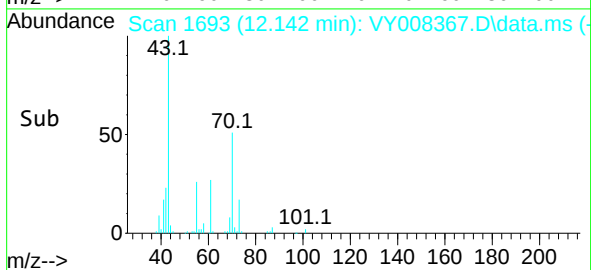
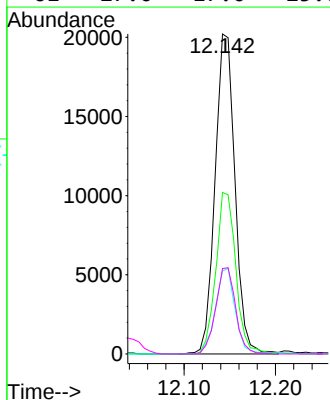
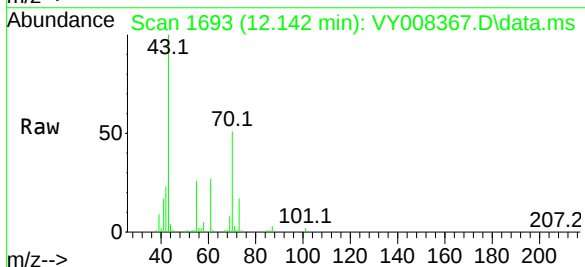
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

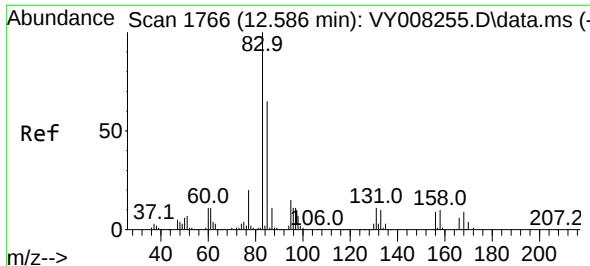
Tgt Ion:105 Resp: 134764
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 19.691 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 43 Resp: 30599
Ion Ratio Lower Upper
43 100
70 51.0 28.7 43.1#
55 26.5 17.3 25.9#
61 27.0 17.0 25.6#

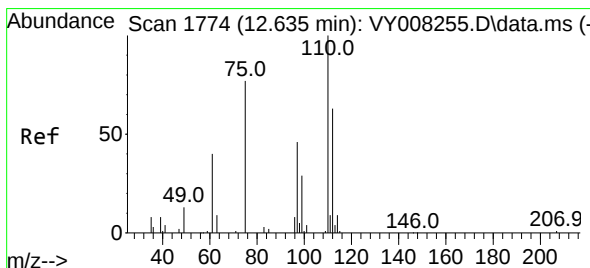
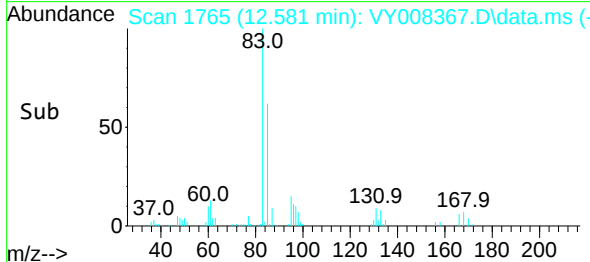
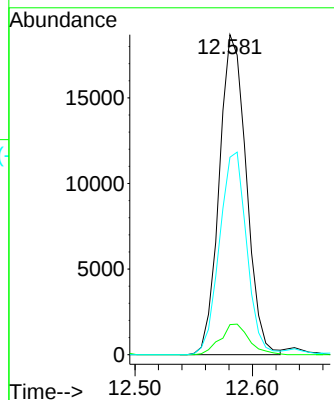
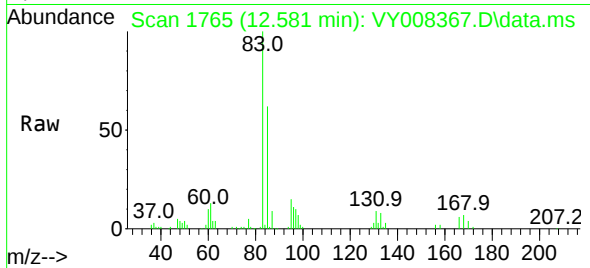




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.727 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

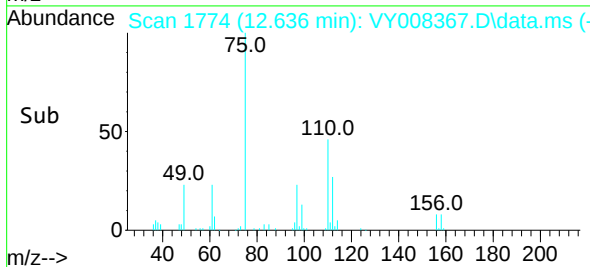
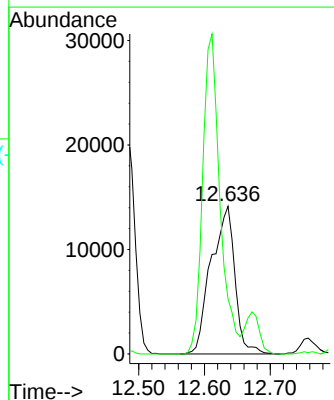
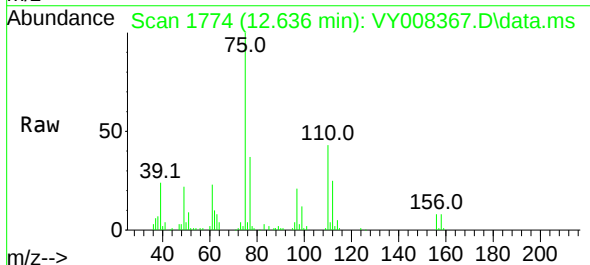
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

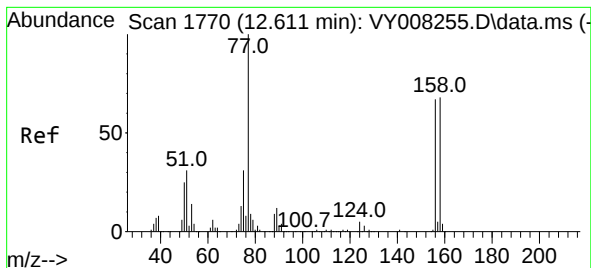
Tgt Ion: 83 Resp: 29877
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.6 16.8
 85 63.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.482 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.001 min
 Lab File: VY008367.D
 Acq: 18 Apr 2022 12:38

Tgt Ion: 75 Resp: 35650
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.792 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBSD01

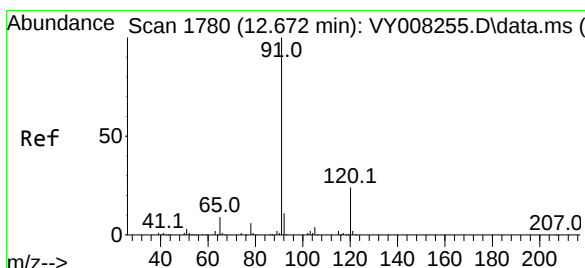
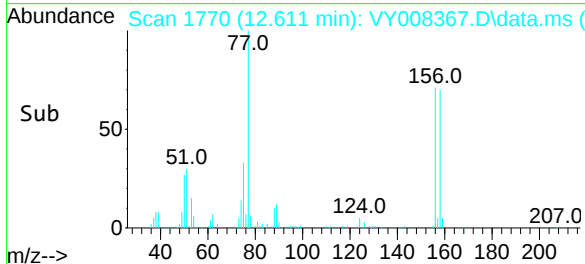
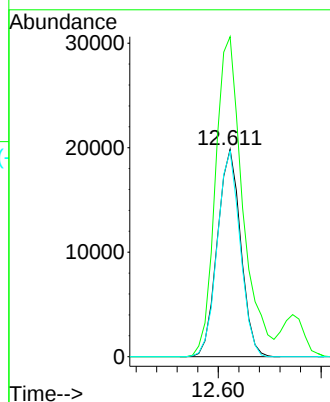
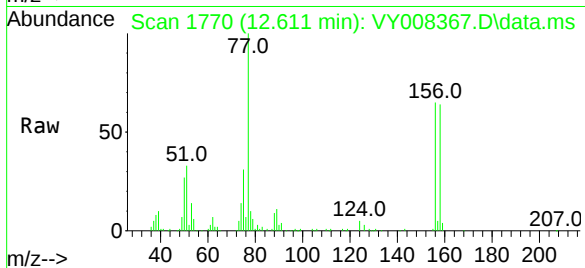
Tgt Ion:156 Resp: 31206

Ion Ratio Lower Upper

156 100

77 180.4 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 19.061 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008367.D

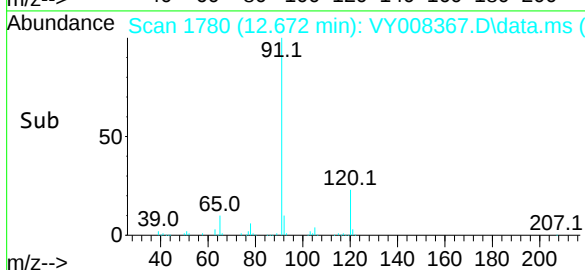
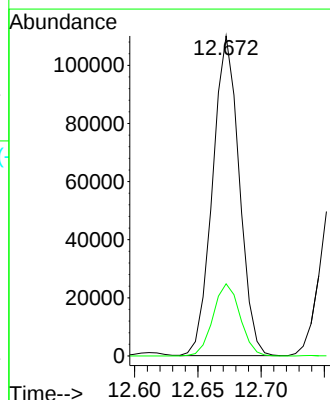
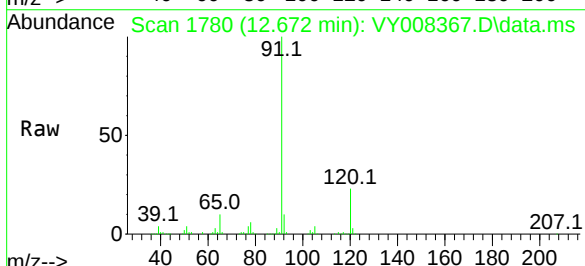
Acq: 18 Apr 2022 12:38

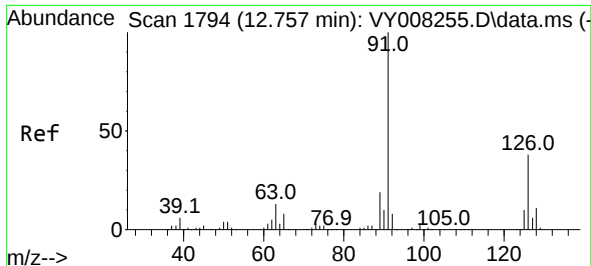
Tgt Ion: 91 Resp: 160992

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

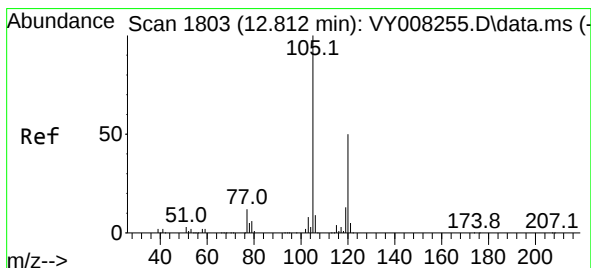
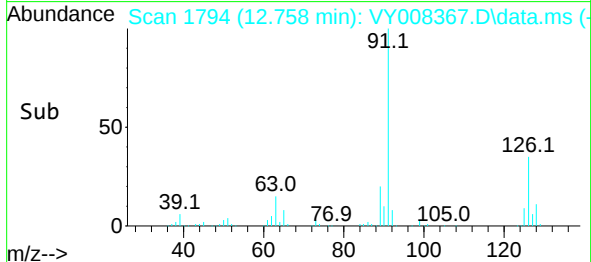
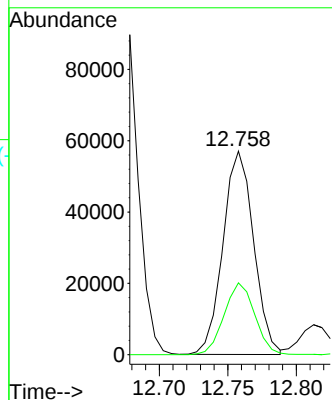
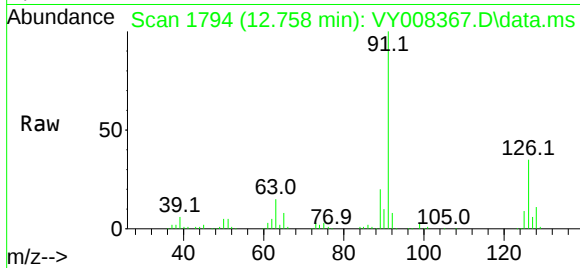




#79
2-Chlorotoluene
Concen: 18.760 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

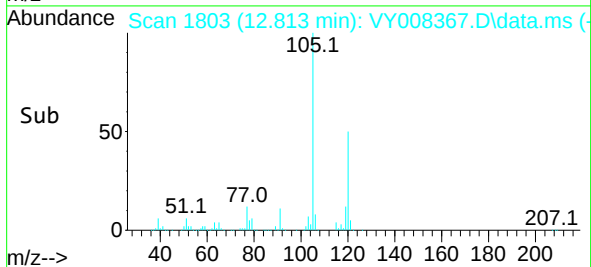
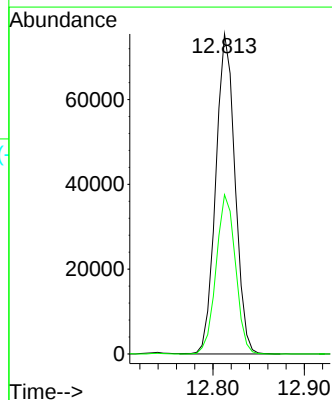
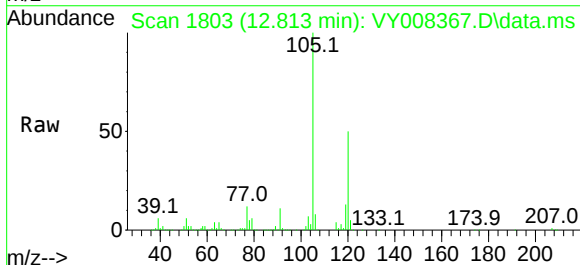
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

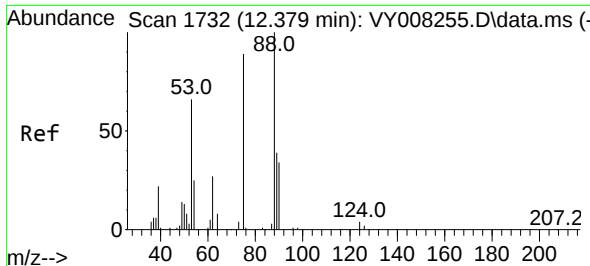
Tgt Ion: 91 Resp: 88922
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 18.832 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 105 Resp: 110527
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4

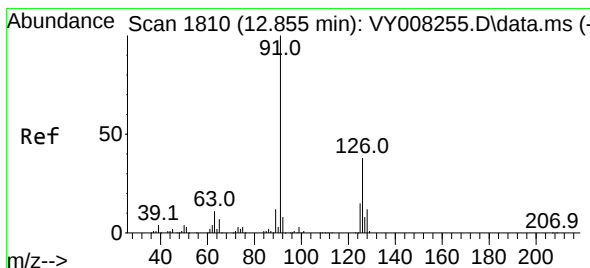
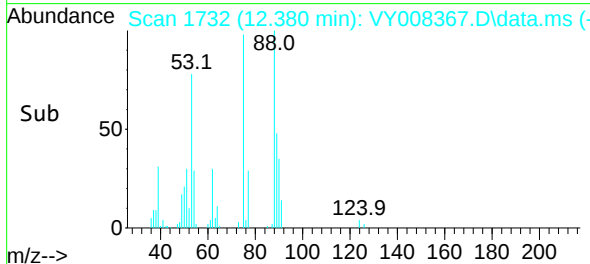
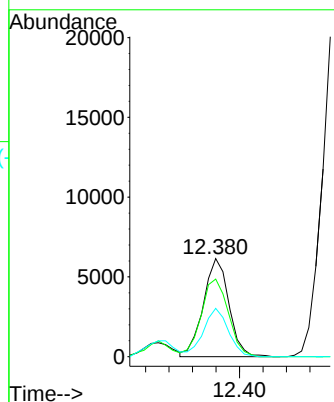
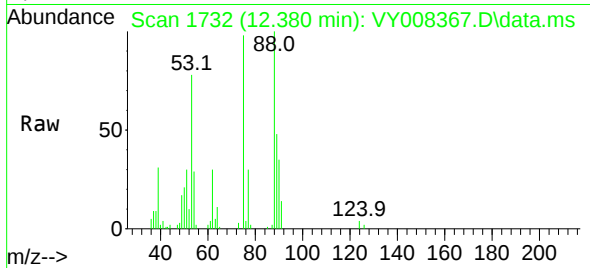




#81
trans-1,4-Dichloro-2-butene
Concen: 19.501 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

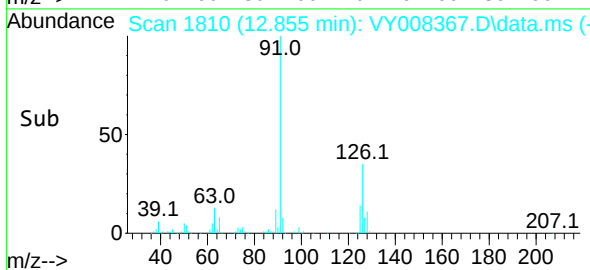
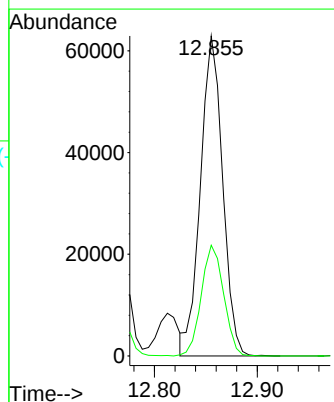
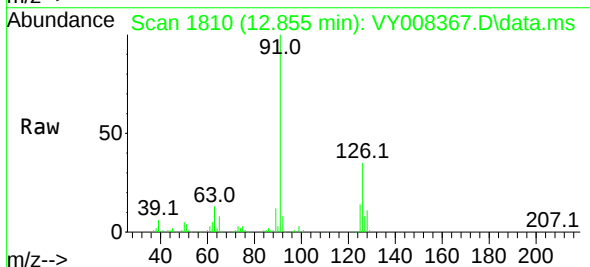
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

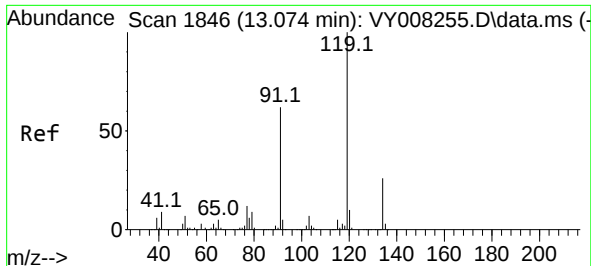
Tgt Ion: 75 Resp: 9280
Ion Ratio Lower Upper
75 100
53 84.1 85.3 127.9#
89 48.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.379 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 91 Resp: 94397
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0

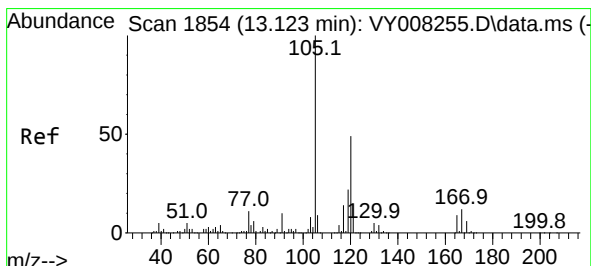
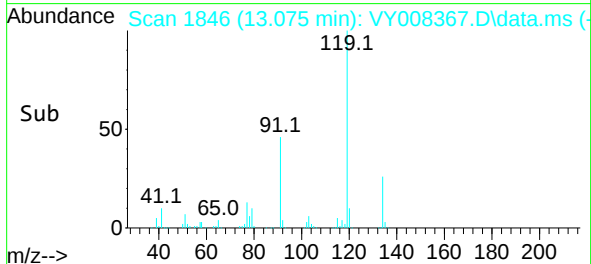
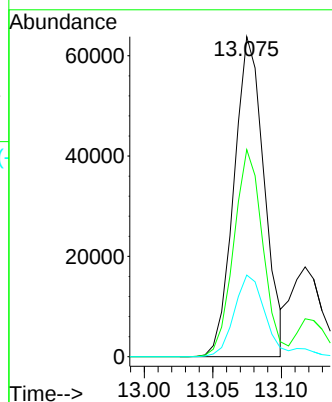
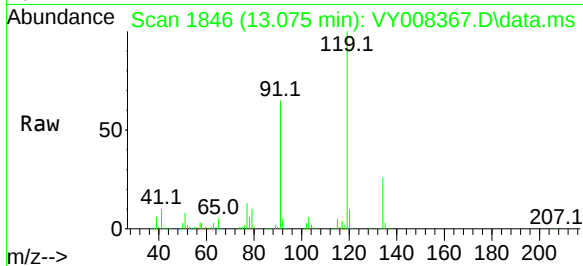




#83
tert-Butylbenzene
Concen: 18.596 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

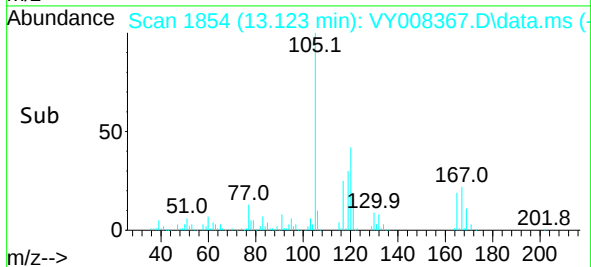
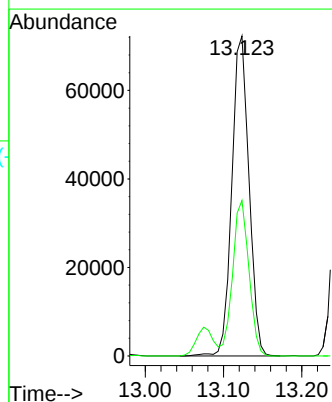
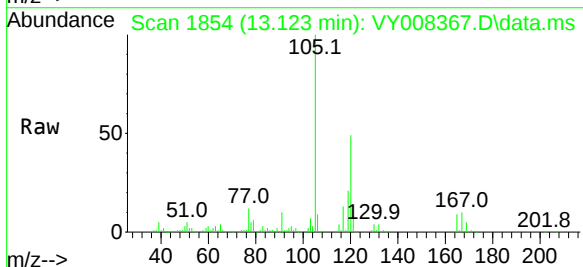
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

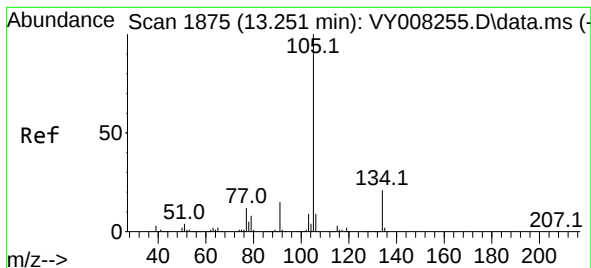
Tgt Ion:119 Resp: 97912
Ion Ratio Lower Upper
119 100
91 62.7 34.8 104.4
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 18.865 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion:105 Resp: 109574
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.010 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

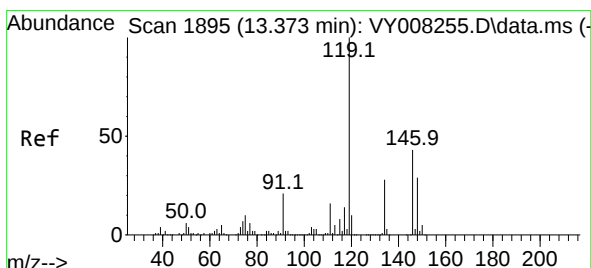
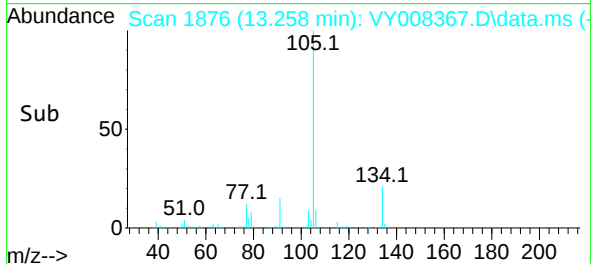
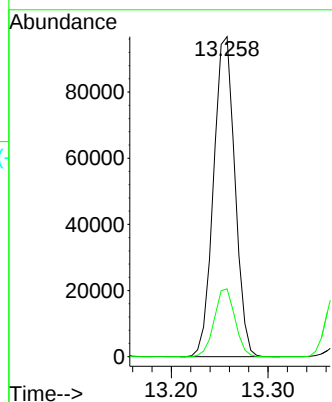
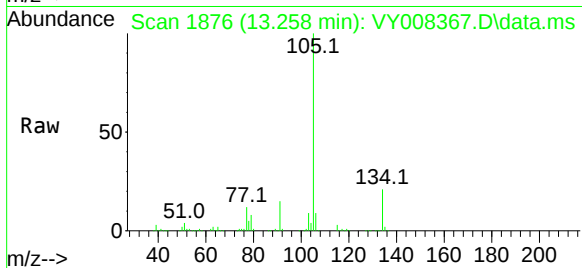
VY0418SBS01

Tgt Ion:105 Resp: 148392

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 18.571 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

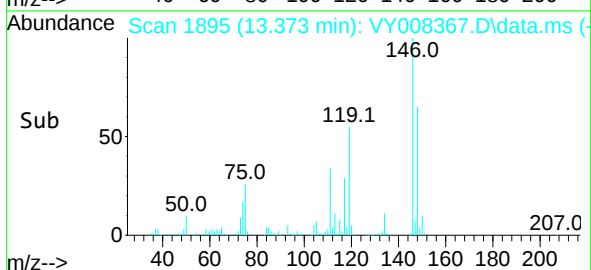
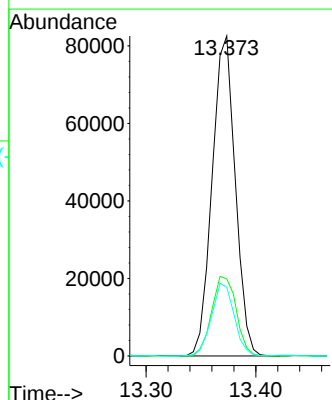
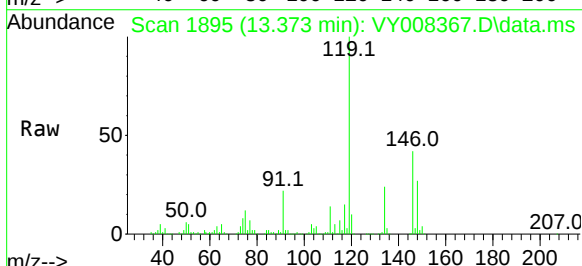
Tgt Ion:119 Resp: 120974

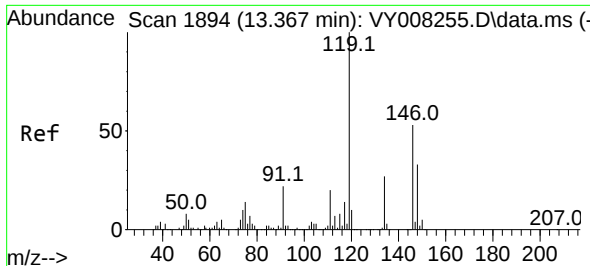
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.4 12.4 37.2

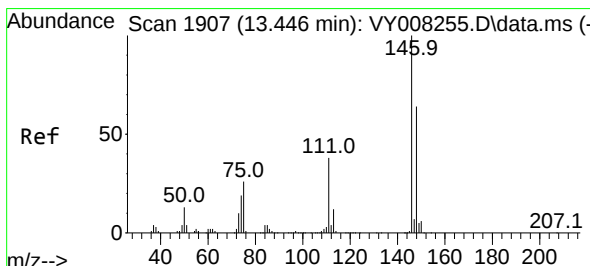
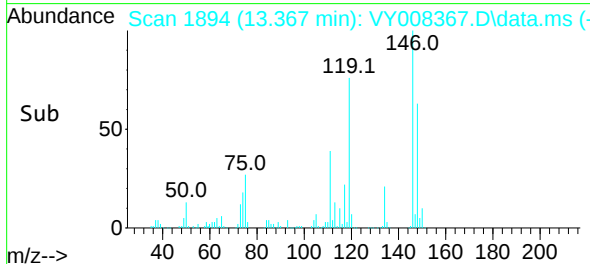
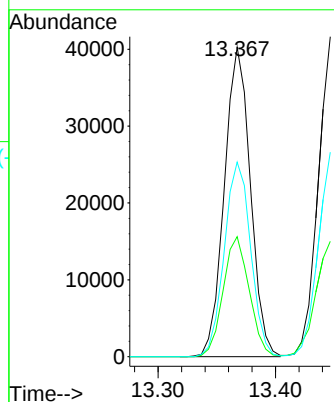
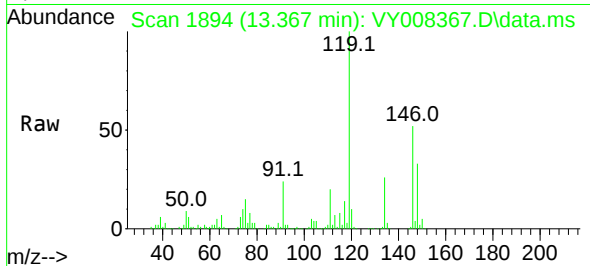




#87
1,3-Dichlorobenzene
Concen: 17.884 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

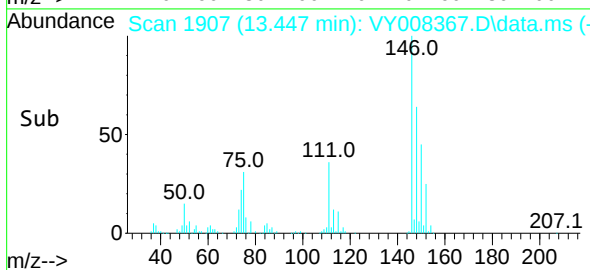
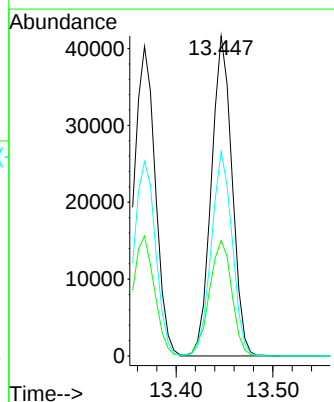
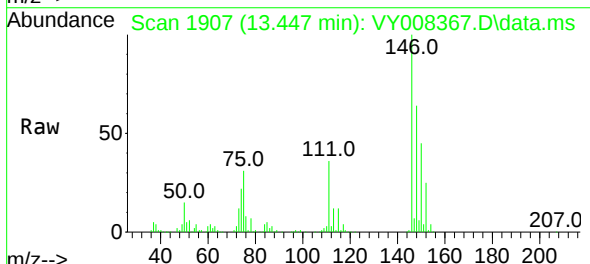
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

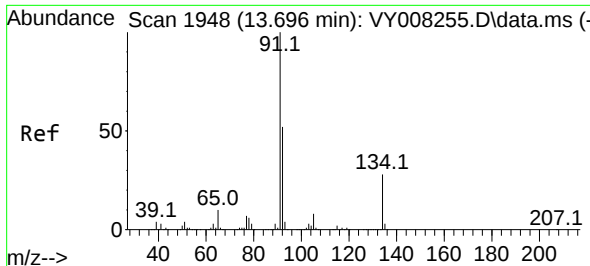
Tgt Ion:146 Resp: 62123
Ion Ratio Lower Upper
146 100
111 38.9 19.5 58.5
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 18.017 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion:146 Resp: 61942
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.8
148 64.3 32.6 97.8

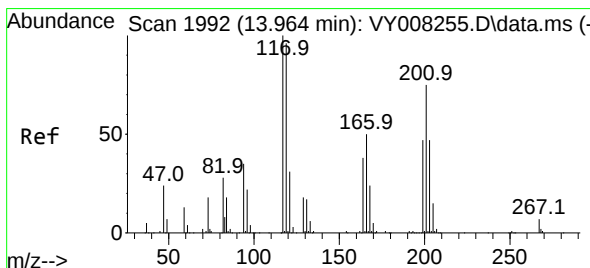
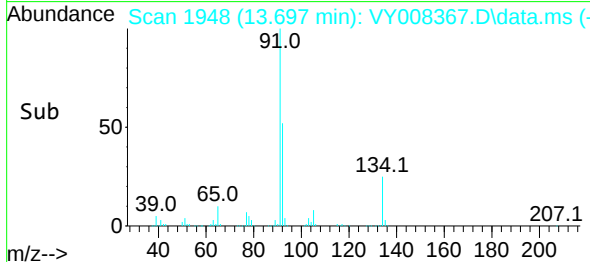
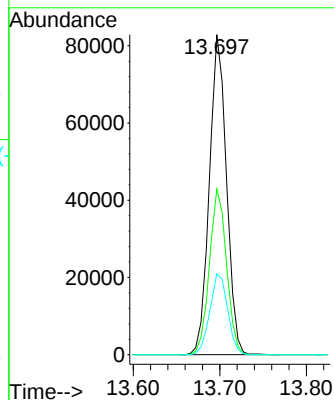
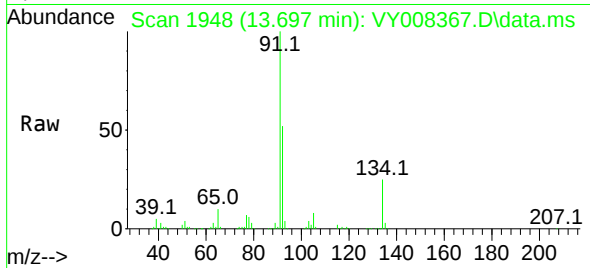




#89
n-Butylbenzene
Concen: 19.343 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

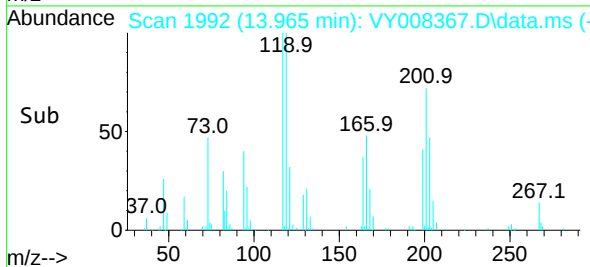
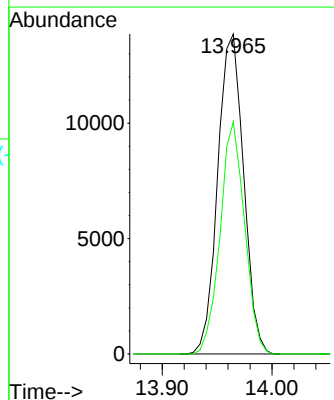
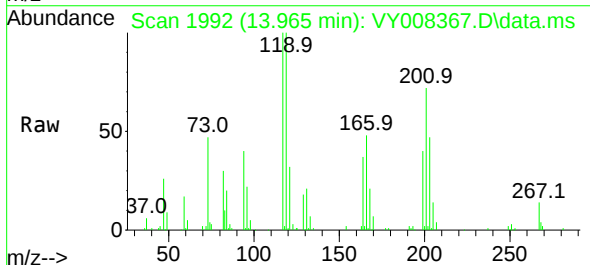
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

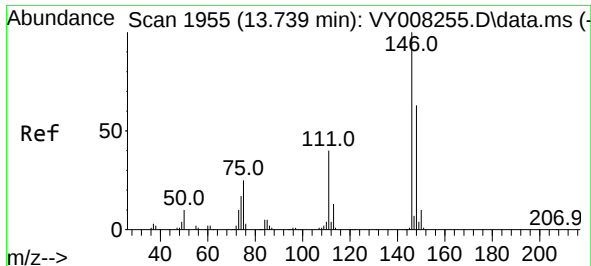
Tgt Ion: 91 Resp: 113838
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 18.683 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008367.D
Acq: 18 Apr 2022 12:38

Tgt Ion: 117 Resp: 22747
Ion Ratio Lower Upper
117 100
201 68.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 18.227 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

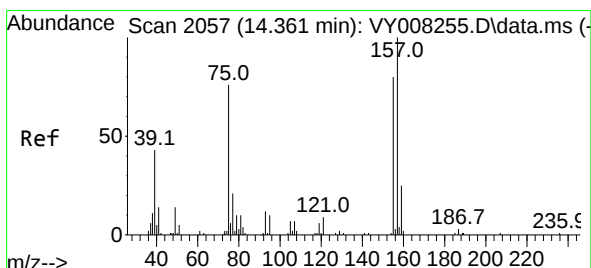
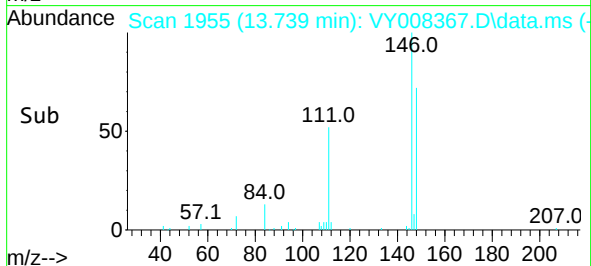
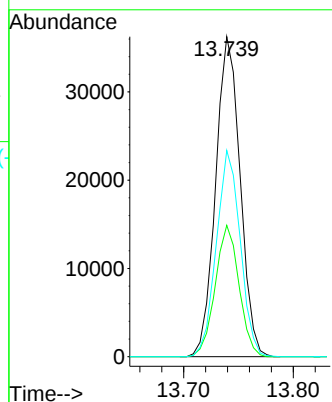
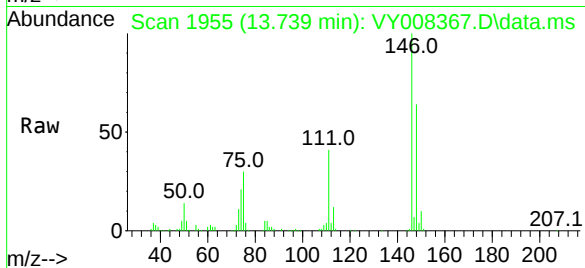
Tgt Ion:146 Resp: 56330

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.9

148 62.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.819 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

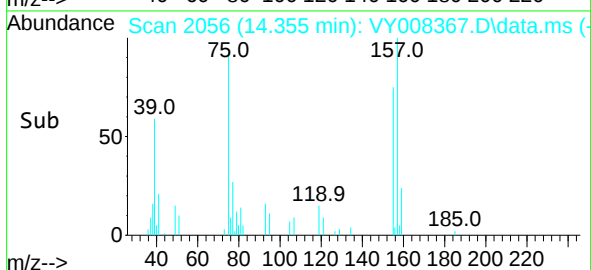
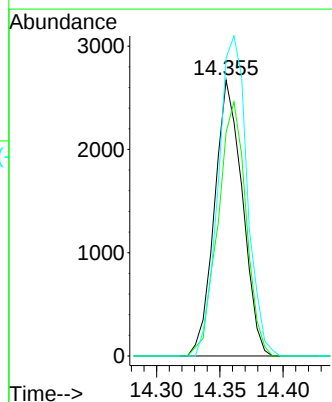
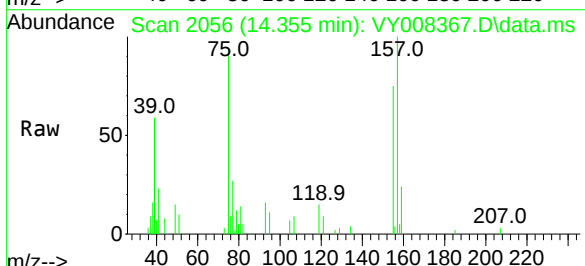
Tgt Ion: 75 Resp: 4078

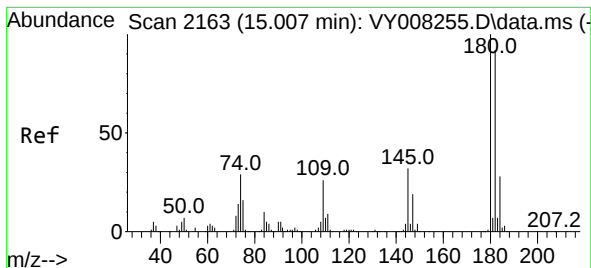
Ion Ratio Lower Upper

75 100

155 92.6 38.0 113.9

157 120.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 16.636 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

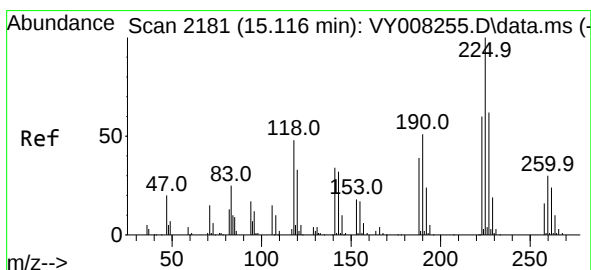
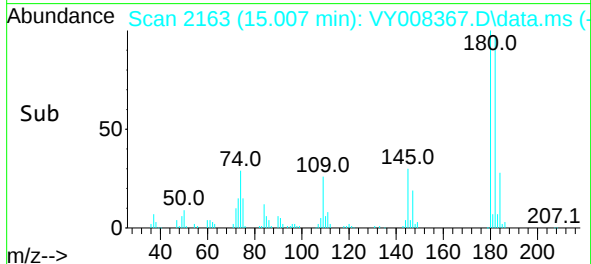
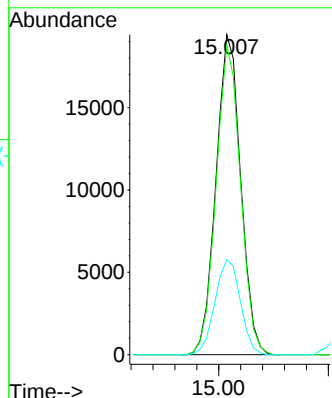
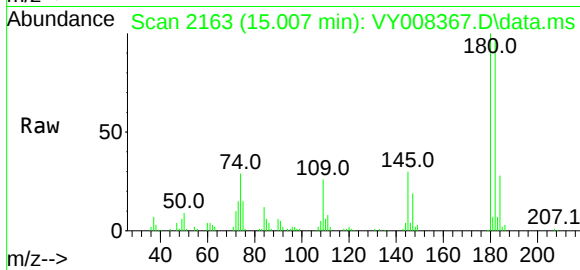
Tgt Ion:180 Resp: 30409

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 30.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 17.138 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

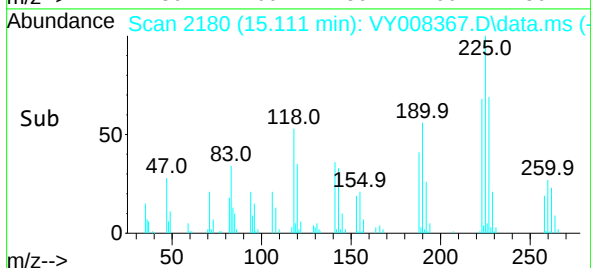
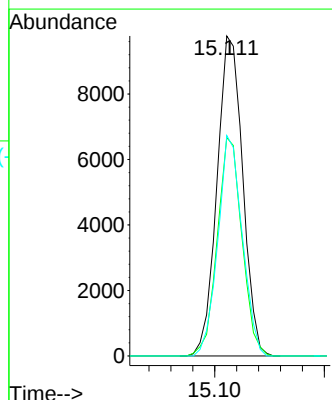
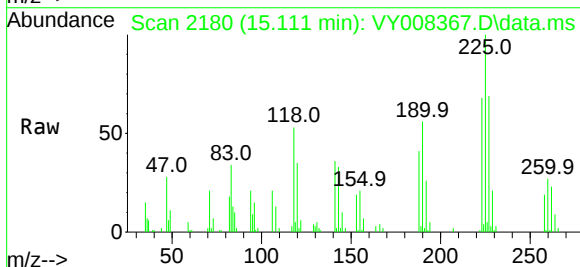
Tgt Ion:225 Resp: 15904

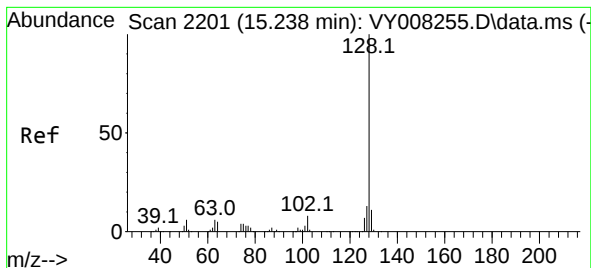
Ion Ratio Lower Upper

225 100

223 65.4 30.8 92.3

227 65.2 31.6 94.7





#95

Naphthalene

Concen: 16.588 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

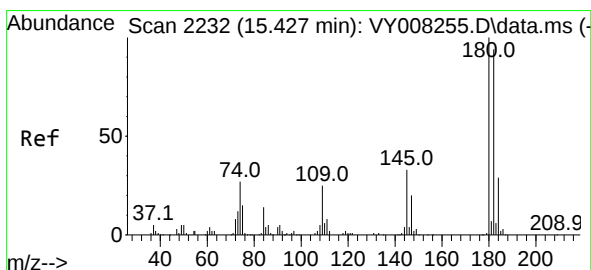
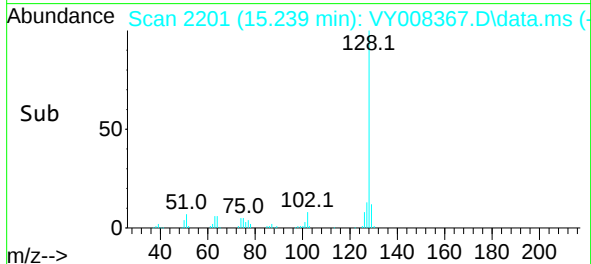
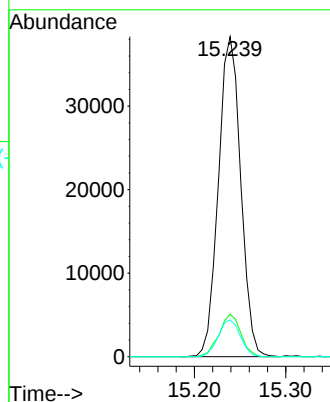
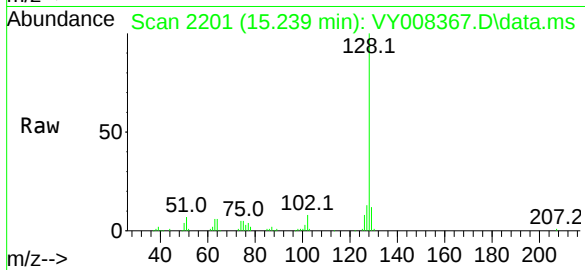
Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBSD01

Tgt Ion:128	Resp:	64952
Ion Ratio	Lower	Upper
128	100	
127	13.0	11.0 16.4
129	11.4	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 16.977 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.001 min

Lab File: VY008367.D

Acq: 18 Apr 2022 12:38

Tgt Ion:180	Resp:	27156
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.3 141.9
145	31.4	15.3 45.9

