

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009473.D
 Acq On : 07 Jul 2022 15:27
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 08 01:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	289797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	194013	112.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 224.340%#	
35) Dibromofluoromethane	7.710	113	222540	129.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 258.860%#	
50) Toluene-d8	10.173	98	630556	106.751	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 213.500%#	
62) 4-Bromofluorobenzene	12.477	95	312780	128.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 257.740%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	236895	152.674	ug/l	99
3) Chloromethane	2.107	50	256657	148.121	ug/l	97
4) Vinyl Chloride	2.241	62	281878	142.882	ug/l	98
5) Bromomethane	2.613	94	214509	151.349	ug/l	99
6) Chloroethane	2.771	64	175241	152.146	ug/l	99
7) Trichlorofluoromethane	3.107	101	372085	141.267	ug/l	93
8) Diethyl Ether	3.521	74	165125	163.864	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	280907	157.408	ug/l	95
10) Methyl Iodide	4.076	142	380787	179.831	ug/l	88
11) Tert butyl alcohol	4.954	59	189569	608.497	ug/l	97
12) 1,1-Dichloroethene	3.857	96	278929	168.515	ug/l	87
13) Acrolein	3.716	56	132221	1040.748	ug/l	98
14) Allyl chloride	4.466	41	471688	165.628	ug/l #	91
15) Acrylonitrile	5.149	53	434637	783.870	ug/l	98
16) Acetone	3.936	43	360970	733.365	ug/l	91
17) Carbon Disulfide	4.180	76	875637	187.958	ug/l	100
18) Methyl Acetate	4.466	43	206335	142.774	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	798651	159.419	ug/l	95
20) Methylene Chloride	4.698	84	327027	118.032	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	318903	164.430	ug/l	88
22) Diisopropyl ether	6.106	45	882108	145.694	ug/l	96
23) Vinyl Acetate	6.051	43	3081601	796.034	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	535565	156.859	ug/l	99
25) 2-Butanone	6.972	43	558938	701.972	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	481935	143.214	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	353162	154.672	ug/l	87
28) Bromochloromethane	7.326	49	199301	138.882	ug/l #	78
29) Tetrahydrofuran	7.338	42	365885	710.450	ug/l #	86
30) Chloroform	7.496	83	550976	147.447	ug/l	98
31) Cyclohexane	7.777	56	480126	144.636	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	503472	152.821	ug/l	96
36) 1,1-Dichloropropene	7.911	75	431460	154.137	ug/l	97
37) Ethyl Acetate	7.063	43	249325	142.095	ug/l #	94
38) Carbon Tetrachloride	7.893	117	461251	154.074	ug/l	98
39) Methylcyclohexane	9.173	83	541401	161.129	ug/l	91
40) Benzene	8.149	78	1223571	148.858	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	340612	208.741	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	359886	145.836	ug/l	92
43) Isopropyl Acetate	8.264	43	478386	146.122	ug/l #	93
44) Trichloroethene	8.929	130	352335	151.735	ug/l	99
45) 1,2-Dichloropropane	9.209	63	302994	145.657	ug/l	95
46) Dibromomethane	9.301	93	180897	148.166	ug/l	98
47) Bromodichloromethane	9.490	83	432328	148.772	ug/l	100
48) Methyl methacrylate	9.289	41	212748	150.827	ug/l #	87
49) 1,4-Dioxane	9.295	88	54137	3010.972	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	1213399	704.765	ug/l	92
52) Toluene	10.240	92	773212	147.619	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	463337	151.301	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	509910	149.328	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	253122	143.712	ug/l	97
56) Ethyl methacrylate	10.502	69	364331	155.802	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	428625	147.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	840125	735.448	ug/l	93
59) 2-Hexanone	10.825	43	853251	715.199	ug/l	89
60) Dibromochloromethane	10.977	129	322292	151.105	ug/l	99
61) 1,2-Dibromoethane	11.081	107	255385	151.246	ug/l	100
64) Tetrachloroethene	10.715	164	345222	142.479	ug/l	96
65) Chlorobenzene	11.514	112	829625	145.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	308973	144.315	ug/l	98
67) Ethyl Benzene	11.587	91	1463898	147.328	ug/l	97
68) m/p-Xylenes	11.697	106	1143409	295.057	ug/l	93
69) o-Xylene	12.026	106	546179	147.041	ug/l	93
70) Styrene	12.038	104	931247	150.100	ug/l	96
71) Bromoform	12.203	173	208850	153.052	ug/l #	99
73) Isopropylbenzene	12.325	105	1443754	156.525	ug/l	99
74) N-amyl acetate	12.136	43	414818	158.064	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	286720	155.248	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	391436	164.555	ug/l #	100
77) Bromobenzene	12.605	156	342666	152.602	ug/l	95
78) n-propylbenzene	12.666	91	1714115	153.821	ug/l	97
79) 2-Chlorotoluene	12.751	91	971512	155.722	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	1187431	154.015	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	110960	159.062	ug/l	87
82) 4-Chlorotoluene	12.849	91	994983	152.181	ug/l	97
83) tert-Butylbenzene	13.068	119	1072139	156.307	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1169966	152.459	ug/l	98
85) sec-Butylbenzene	13.251	105	1531305	151.586	ug/l	98
86) p-Isopropyltoluene	13.367	119	1281633	152.204	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	655109	147.797	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	663711	147.948	ug/l	98
89) n-Butylbenzene	13.690	91	1185268	150.736	ug/l	97
90) Hexachloroethane	13.958	117	248579	150.456	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	593247	146.082	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	53314	164.698	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	385501	155.641	ug/l	99
94) Hexachlorobutadiene	15.105	225	196329	144.177	ug/l	98
95) Naphthalene	15.233	128	865802	169.067	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	339588	158.298	ug/l	98

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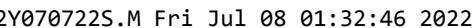
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

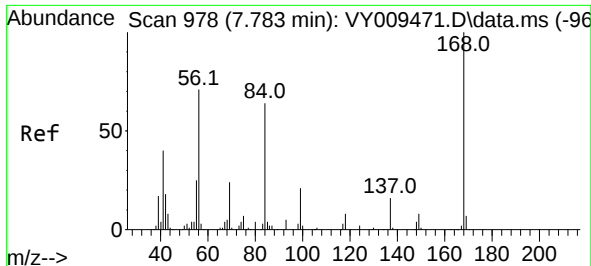
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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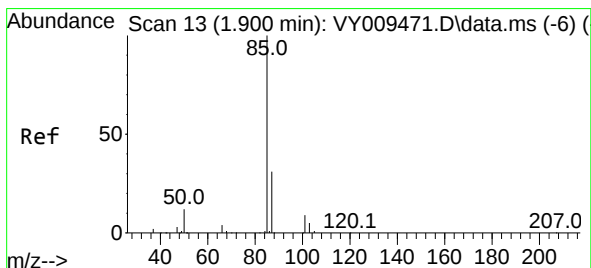
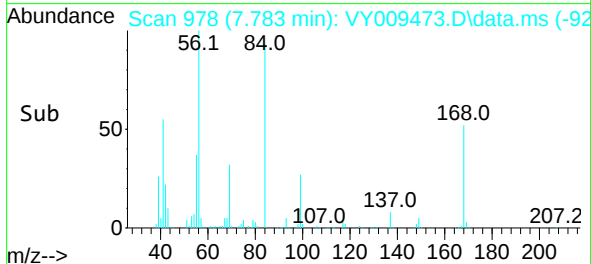
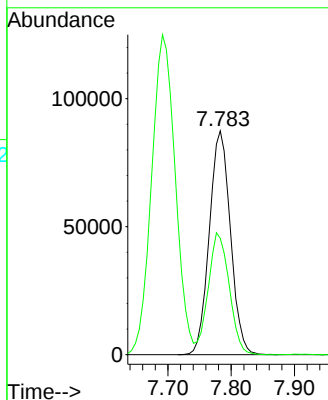
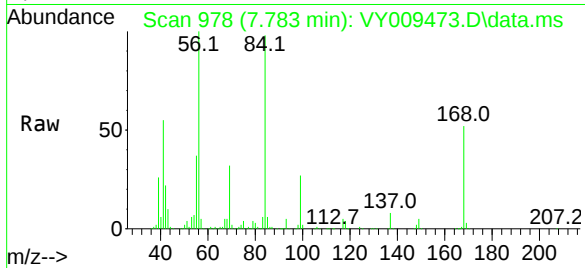




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009473.D
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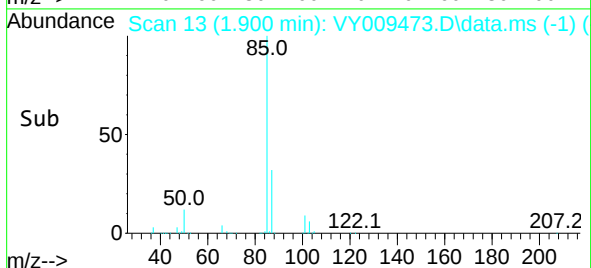
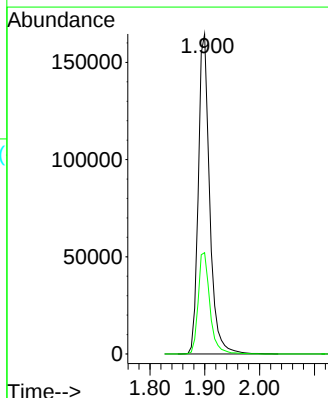
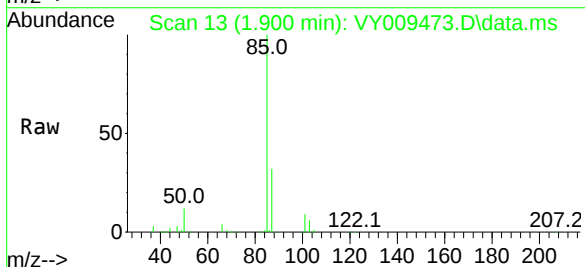
Instrument :
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VSTDIC150

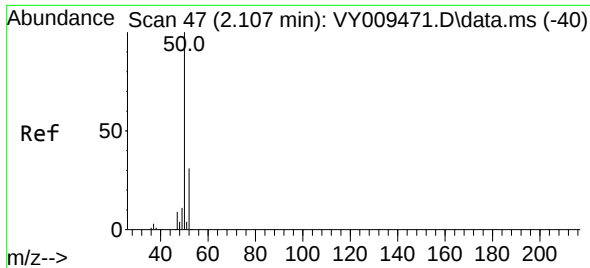
Tgt Ion:168 Resp: 202335
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 152.674 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 85 Resp: 236895
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

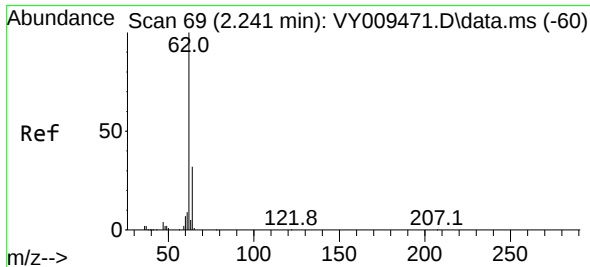
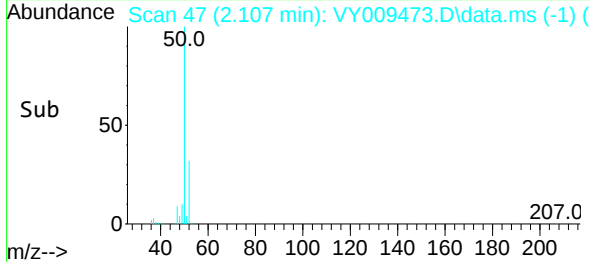
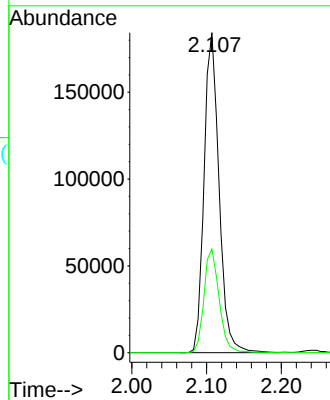
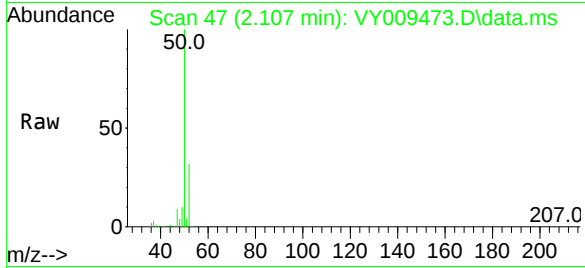




#3
Chloromethane
Concen: 148.121 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

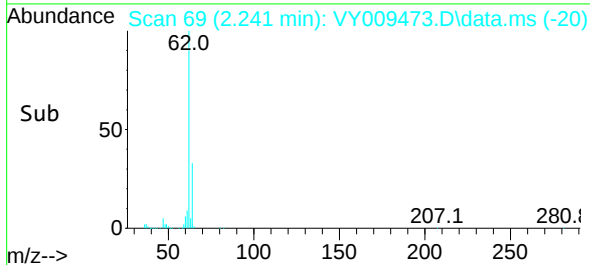
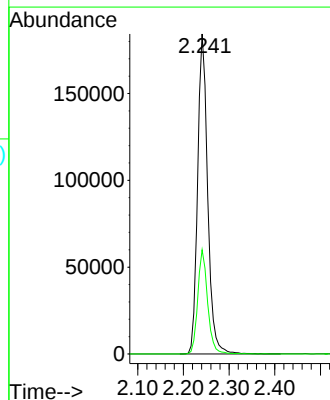
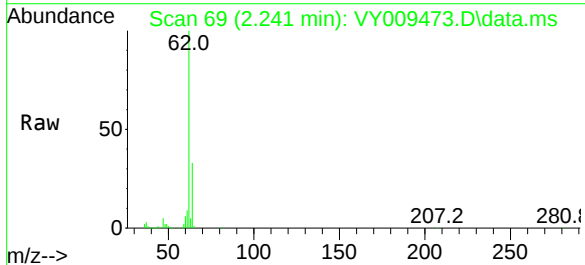
Instrument :
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ClientSampleId :
VSTDIC150

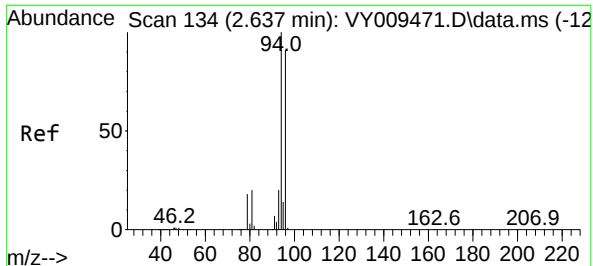
Tgt Ion: 50 Resp: 256657
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 142.882 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 62 Resp: 281878
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6

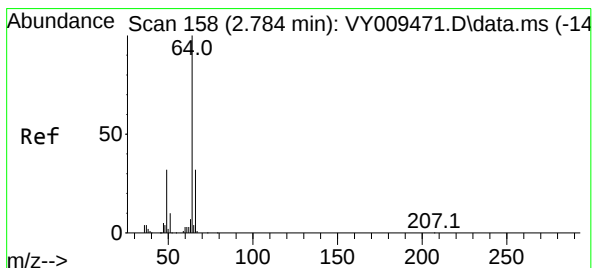
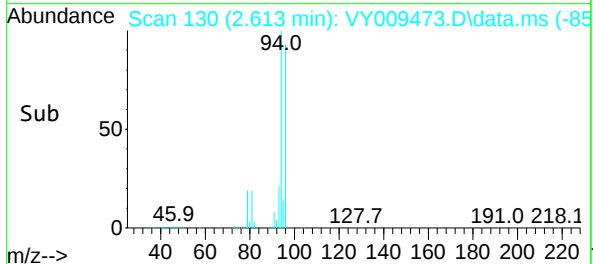
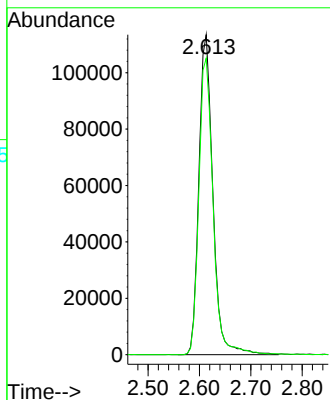
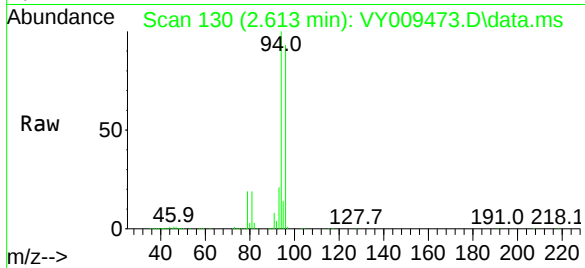




#5
Bromomethane
Concen: 151.349 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

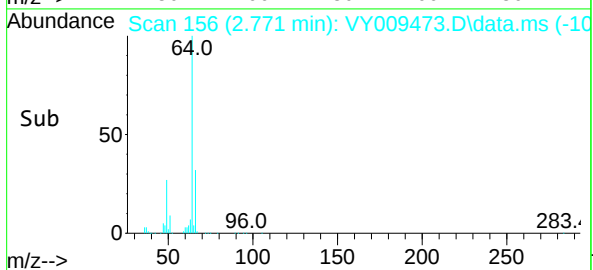
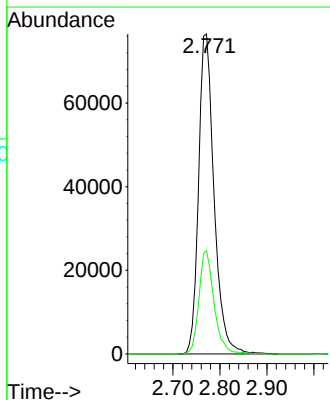
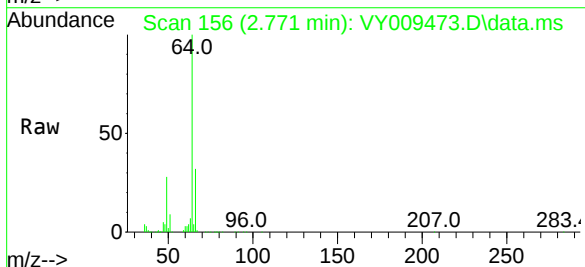
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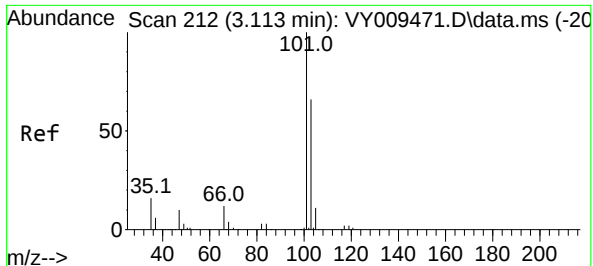
Tgt Ion: 94 Resp: 214509
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 152.146 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 64 Resp: 175241
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

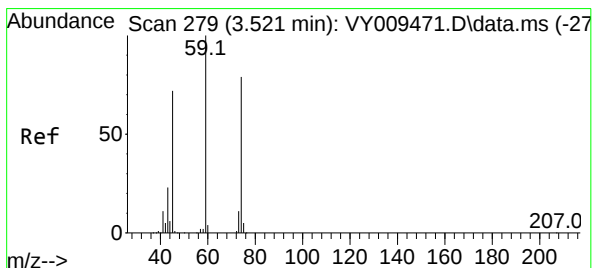
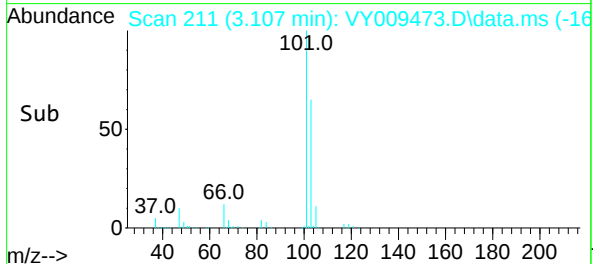
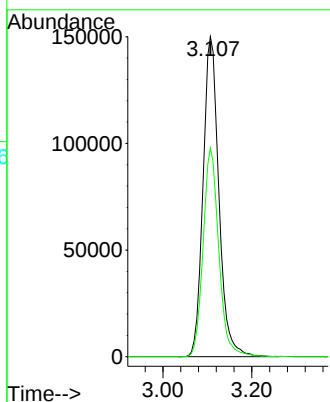
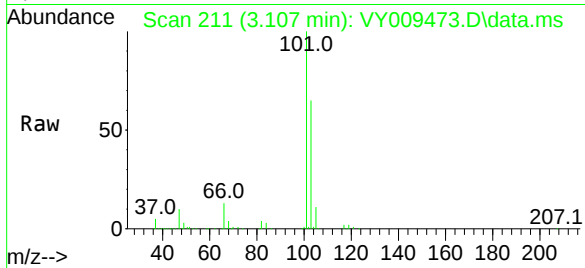




#7
 Trichlorofluoromethane
 Concen: 141.267 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY009473.D
 Acq: 07 Jul 2022 15:27

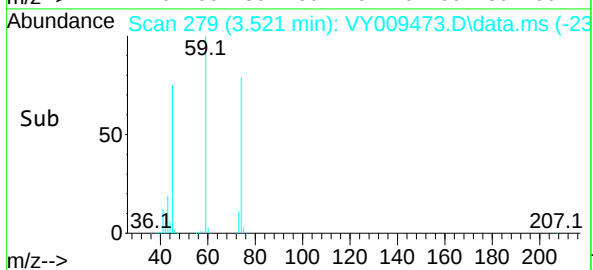
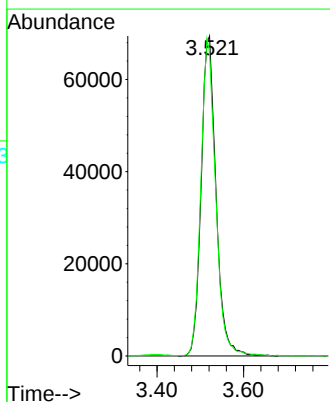
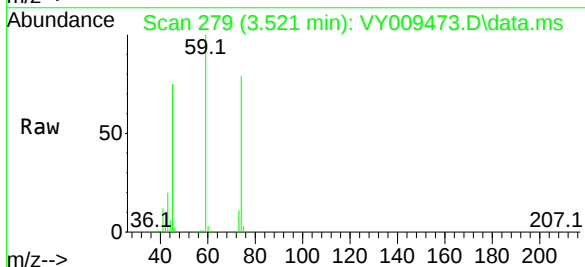
Instrument :
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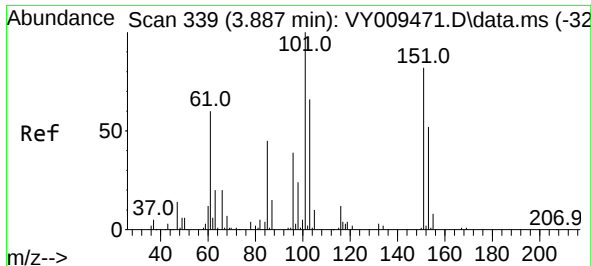
Tgt Ion:101 Resp: 372085
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 163.864 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 165125
 Ion Ratio Lower Upper
 74 100
 45 98.7 55.1 165.5

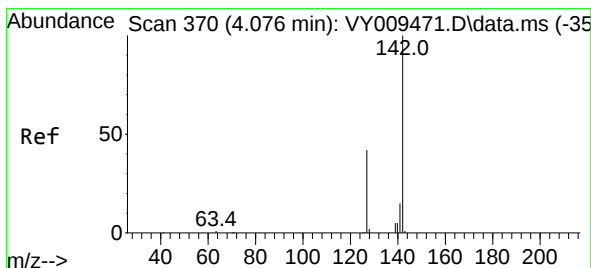
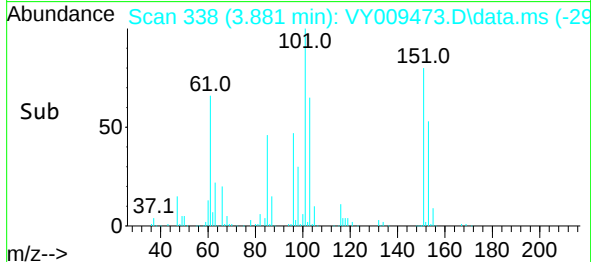
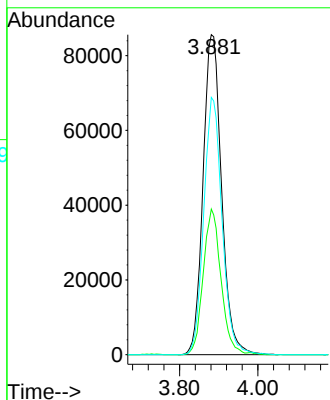
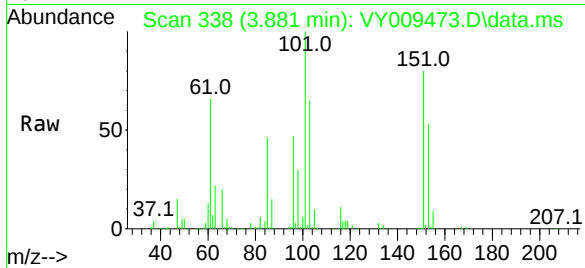




#9
1,1,2-Trichlorotrifluoroethane
Concen: 157.408 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

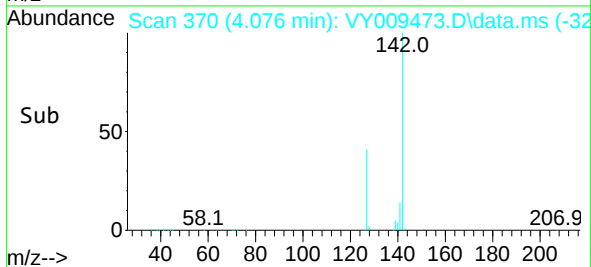
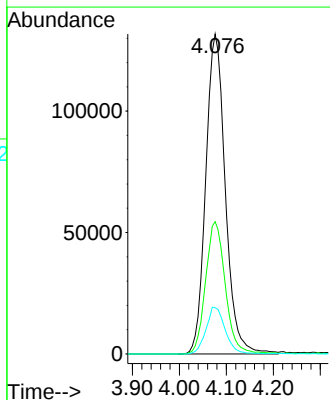
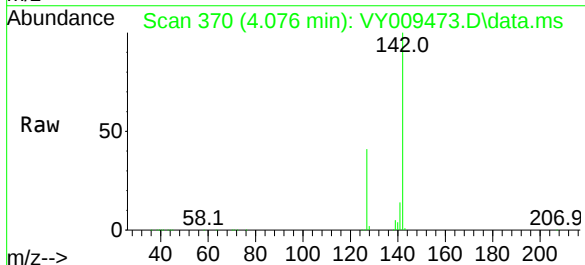
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 280907
Ion Ratio Lower Upper
101 100
85 43.9 40.6 60.8
151 79.7 64.9 97.3



#10
Methyl Iodide
Concen: 179.831 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:142 Resp: 380787
Ion Ratio Lower Upper
142 100
127 41.7 41.5 62.3
141 14.4 11.9 17.9

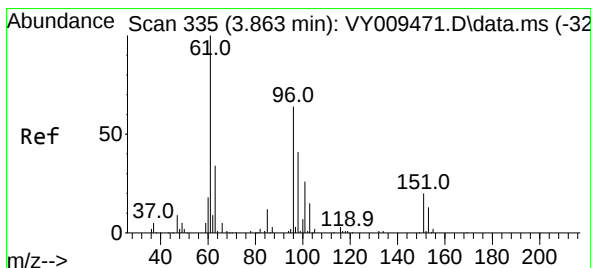
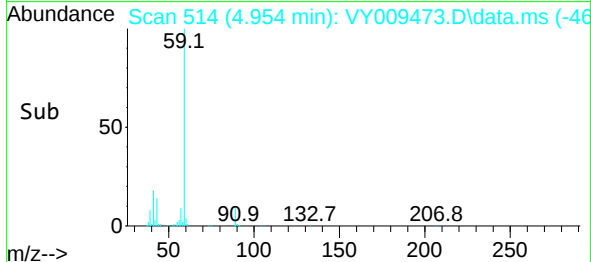
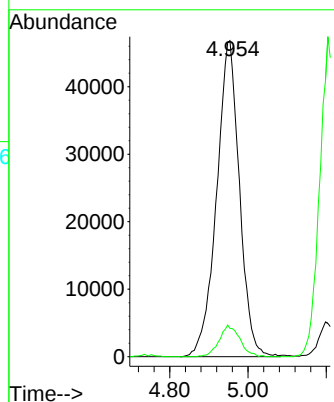
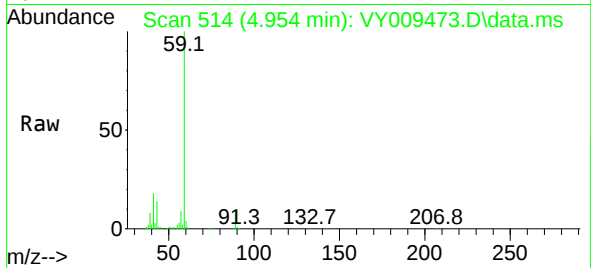




#11
Tert butyl alcohol
Concen: 608.497 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

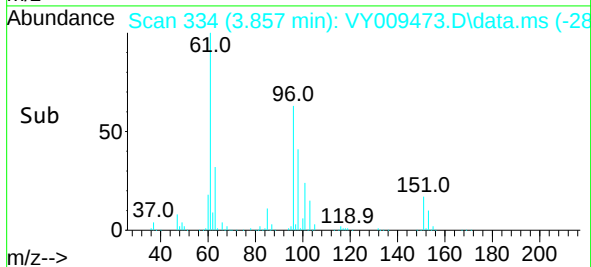
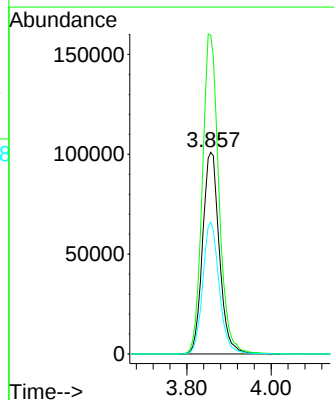
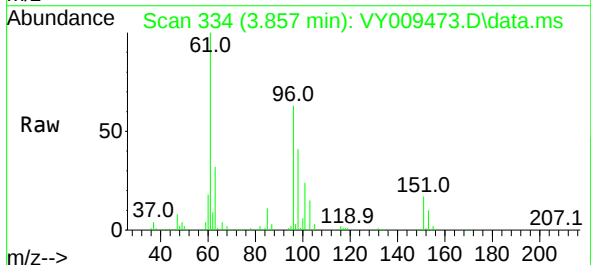
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

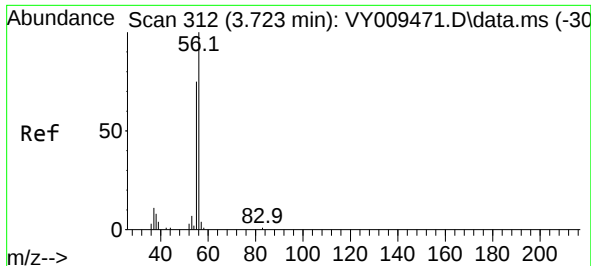
Tgt Ion: 59 Resp: 189569
Ion Ratio Lower Upper
59 100
57 9.0 6.4 9.6



#12
1,1-Dichloroethene
Concen: 168.515 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 96 Resp: 278929
Ion Ratio Lower Upper
96 100
61 158.1 145.8 218.6
98 65.3 52.5 78.7





#13

Acrolein

Concen: 1040.748 ug/l

RT: 3.716 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

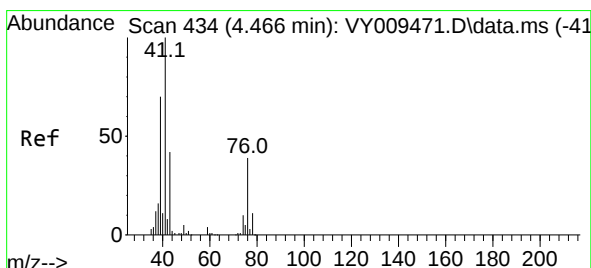
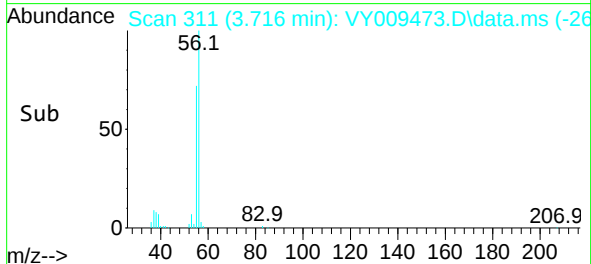
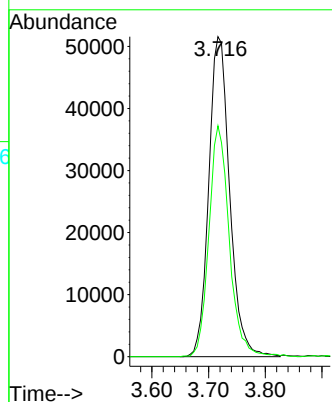
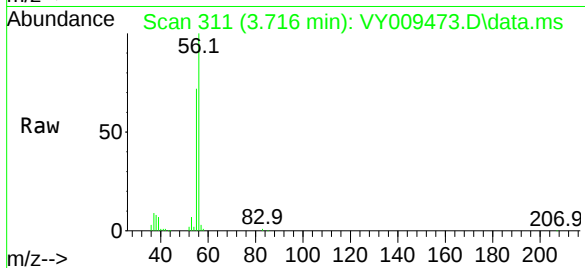
VSTDICC150

Tgt Ion: 56 Resp: 132221

Ion Ratio Lower Upper

56 100

55 70.2 57.6 86.4



#14

Allyl chloride

Concen: 165.628 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

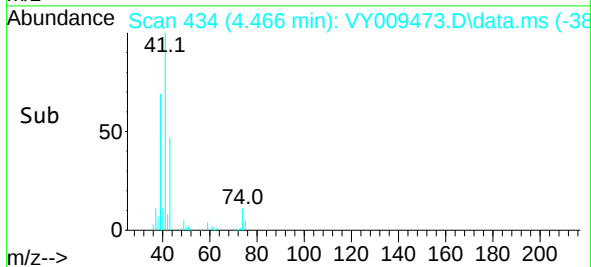
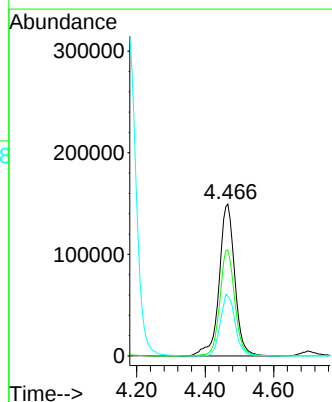
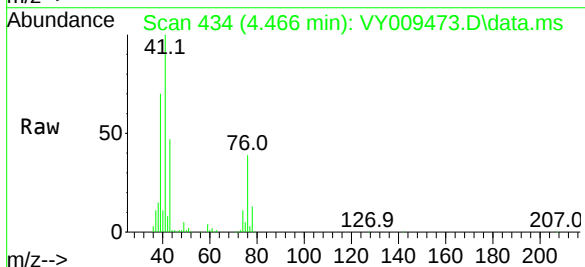
Tgt Ion: 41 Resp: 471688

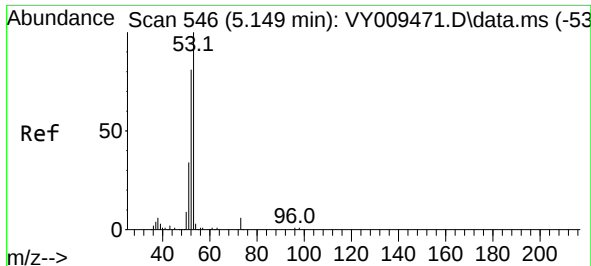
Ion Ratio Lower Upper

41 100

39 66.8 58.8 88.2

76 38.3 25.1 37.7#

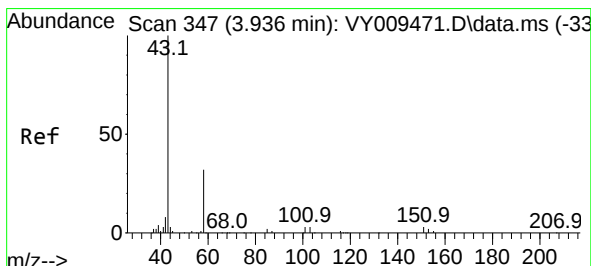
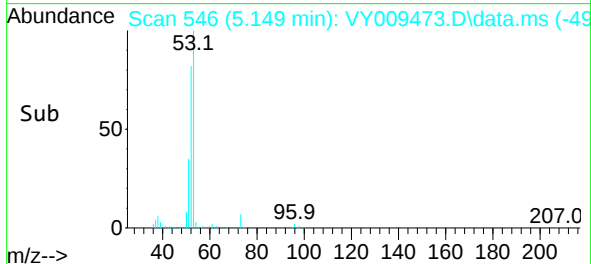
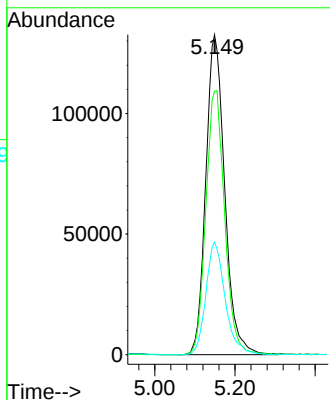
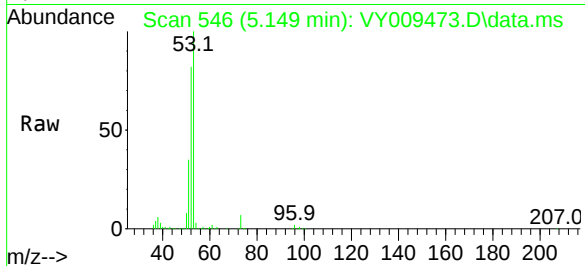




#15
Acrylonitrile
Concen: 783.870 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

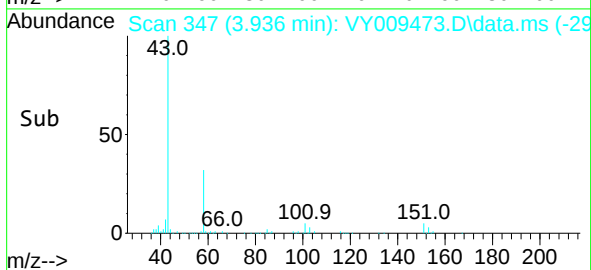
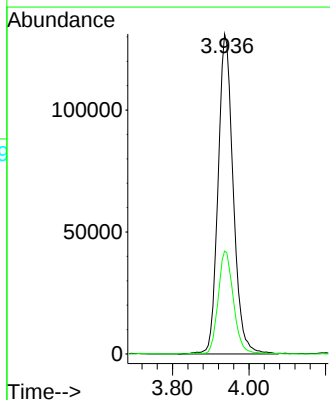
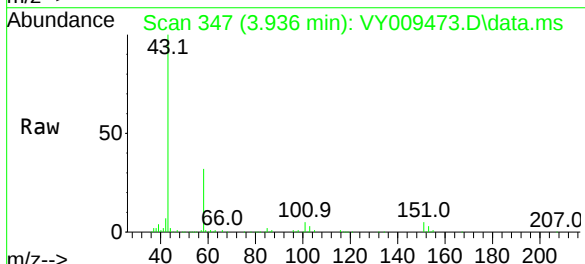
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

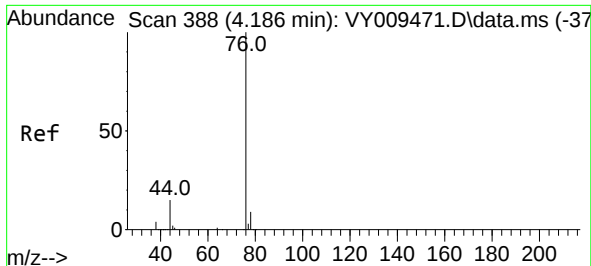
Tgt Ion: 53 Resp: 434637
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 733.365 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 43 Resp: 360970
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0

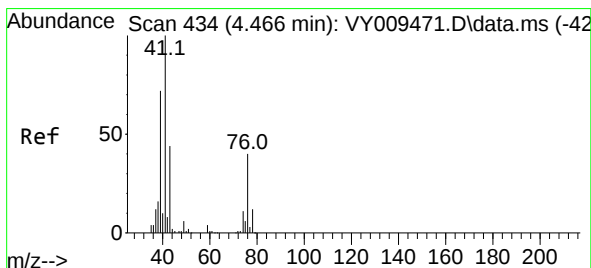
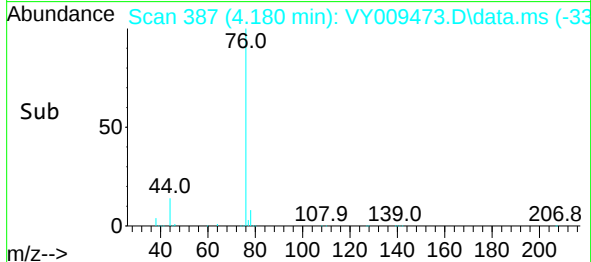
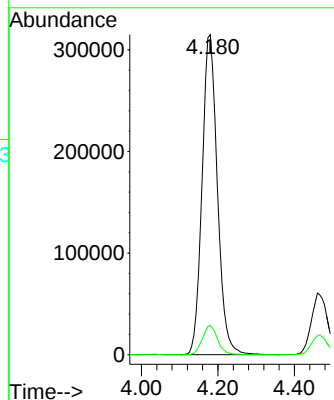
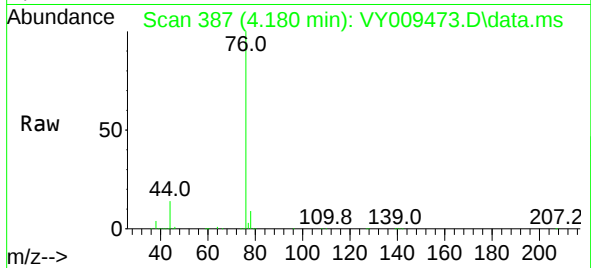




#17
Carbon Disulfide
Concen: 187.958 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

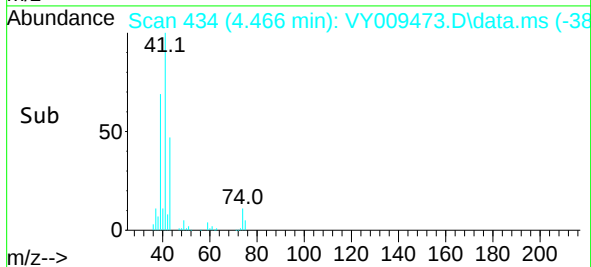
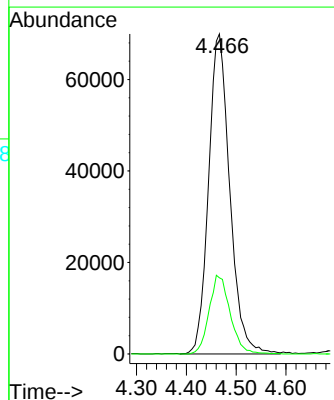
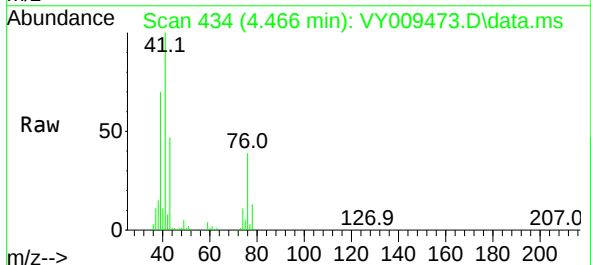
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

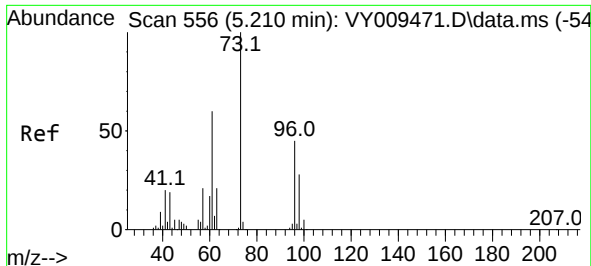
Tgt Ion: 76 Resp: 875637
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 142.774 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 43 Resp: 206335
Ion Ratio Lower Upper
43 100
74 24.5 16.6 24.8

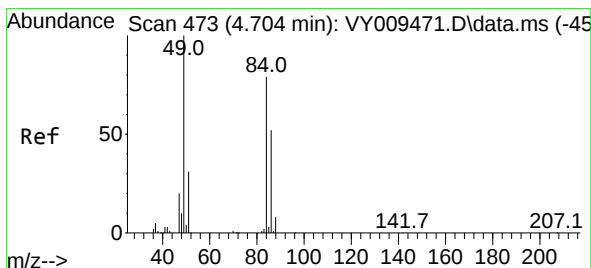
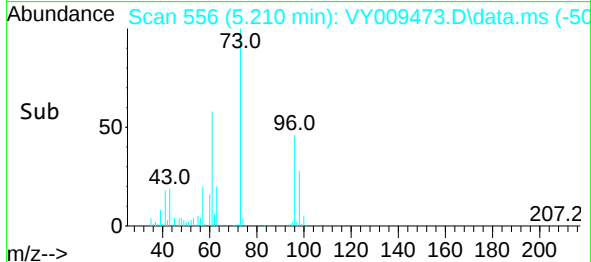
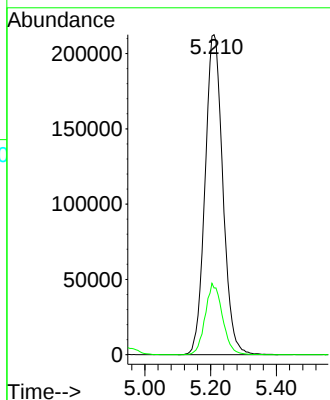
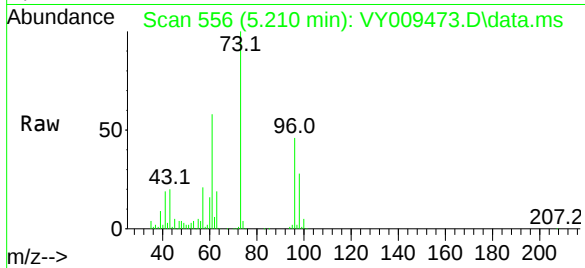




#19
Methyl tert-butyl Ether
Concen: 159.419 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

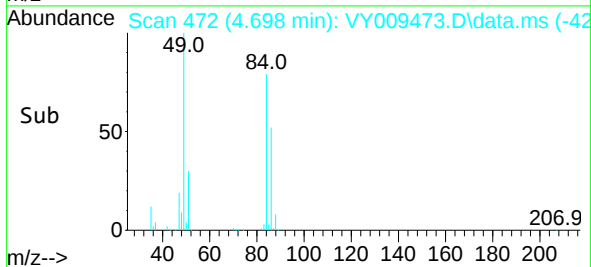
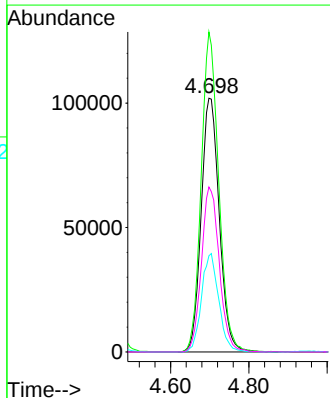
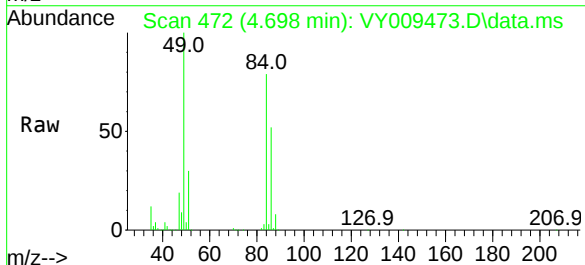
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

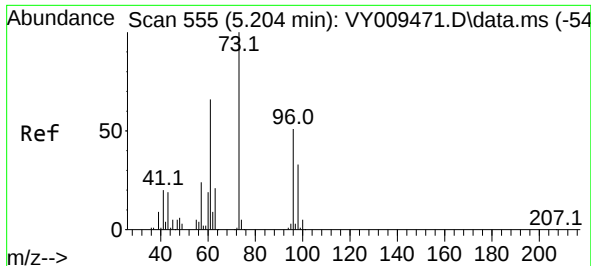
Tgt Ion: 73 Resp: 798651
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 118.032 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 84 Resp: 327027
Ion Ratio Lower Upper
84 100
49 126.1 114.4 171.6
51 37.9 35.3 52.9
86 65.0 53.7 80.5

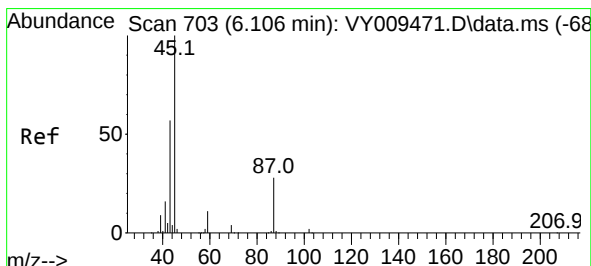
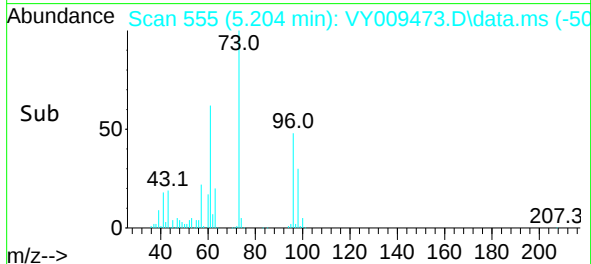
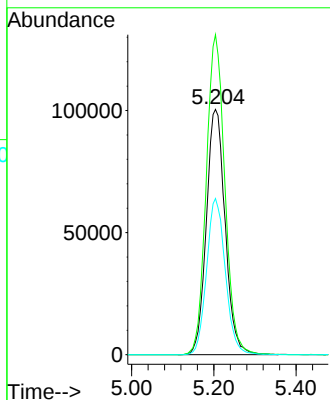
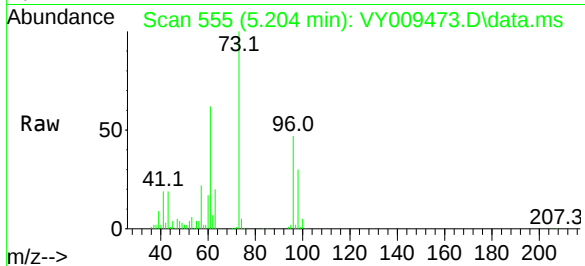




#21
trans-1,2-Dichloroethene
Concen: 164.430 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

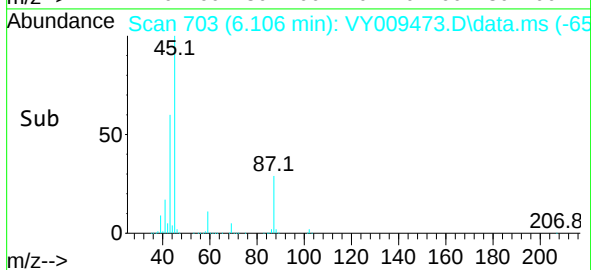
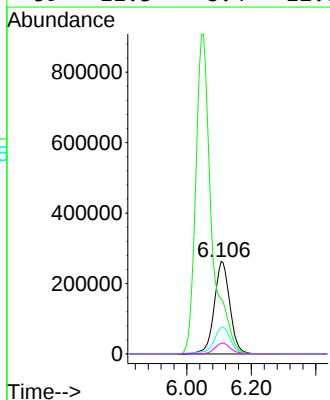
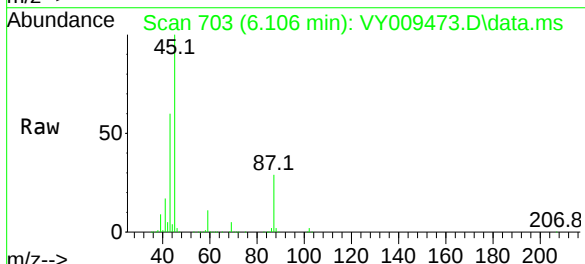
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

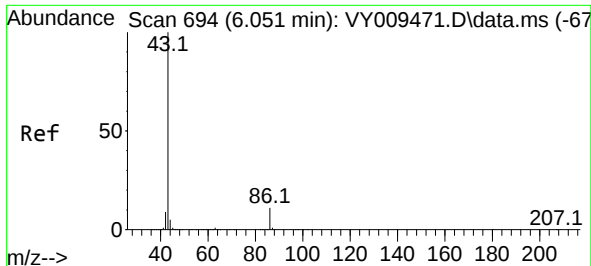
Tgt Ion: 96 Resp: 318903
Ion Ratio Lower Upper
96 100
61 130.4 120.5 180.7
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 145.694 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 45 Resp: 882108
Ion Ratio Lower Upper
45 100
43 59.9 49.3 73.9
87 28.8 19.2 28.8
59 11.3 8.4 12.6

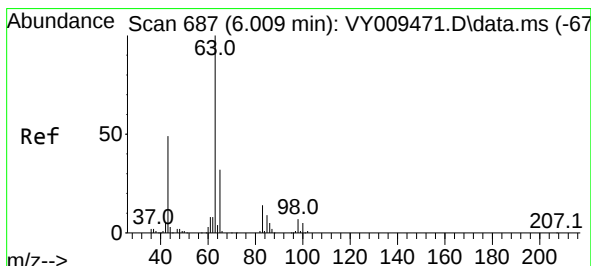
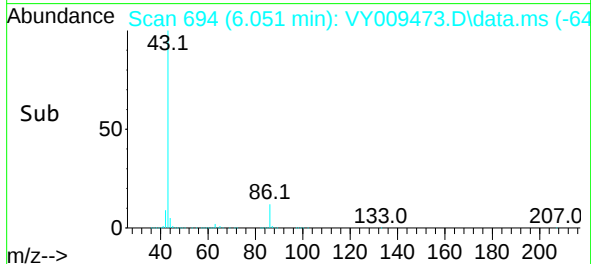
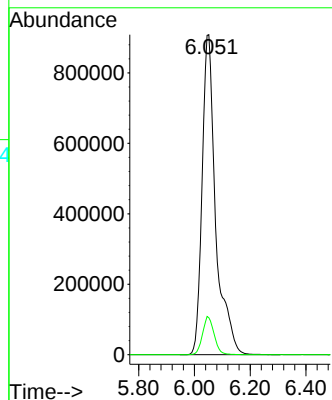
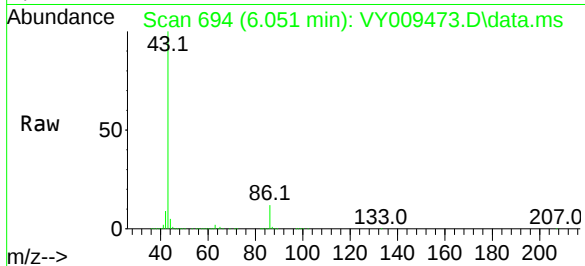




#23
 Vinyl Acetate
 Concen: 796.034 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009473.D
 Acq: 07 Jul 2022 15:27

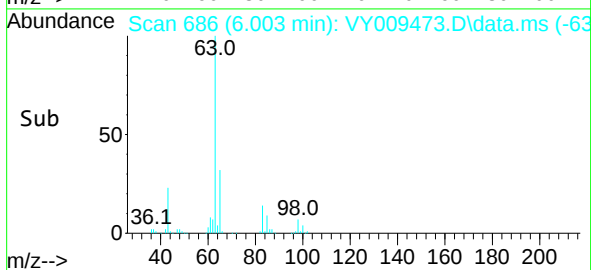
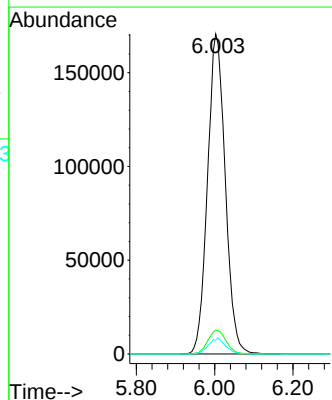
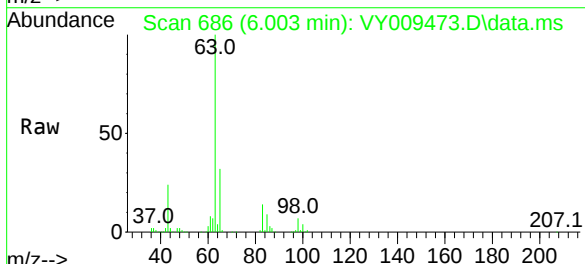
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

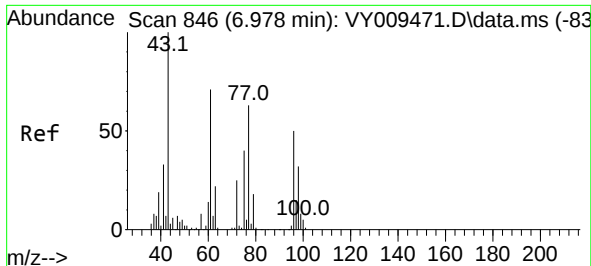
Tgt Ion: 43 Resp: 3081601
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 156.859 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009473.D
 Acq: 07 Jul 2022 15:27

Tgt Ion: 63 Resp: 535565
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 701.972 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

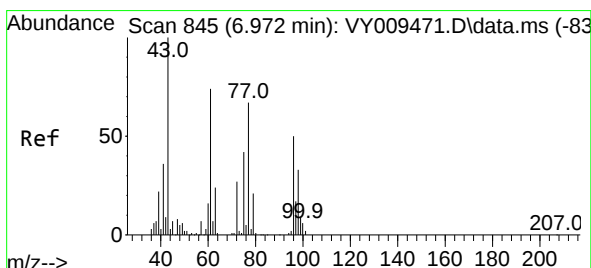
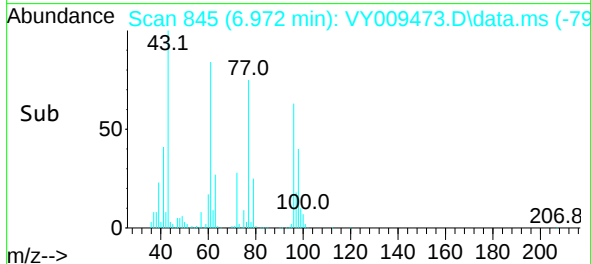
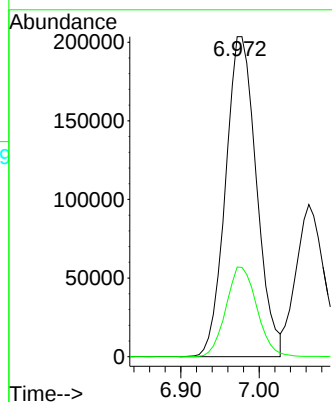
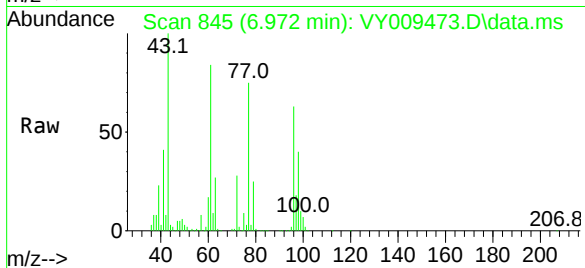
VSTDIC150

Tgt Ion: 43 Resp: 558938

Ion Ratio Lower Upper

43 100

72 28.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 143.214 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009473.D

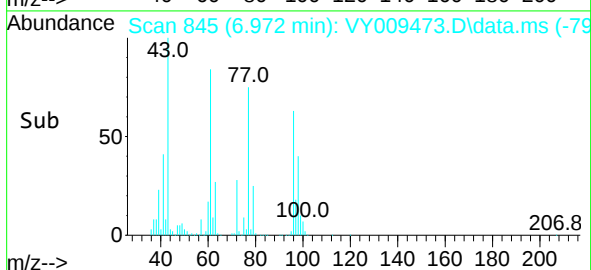
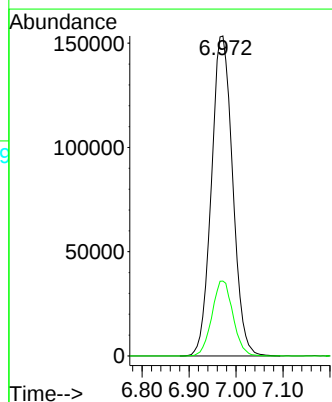
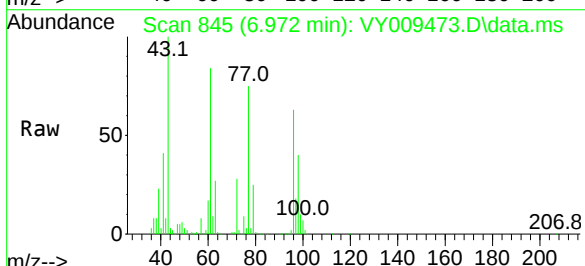
Acq: 07 Jul 2022 15:27

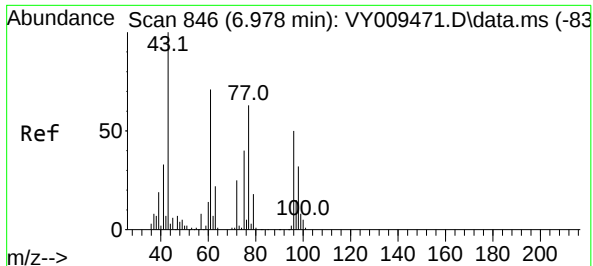
Tgt Ion: 77 Resp: 481935

Ion Ratio Lower Upper

77 100

97 23.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 154.672 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

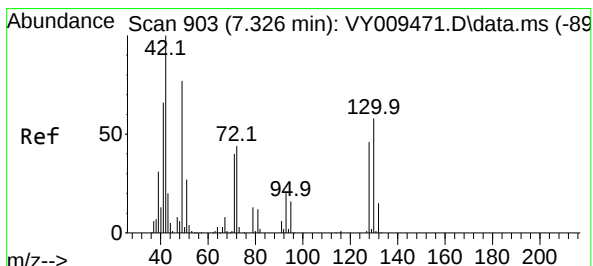
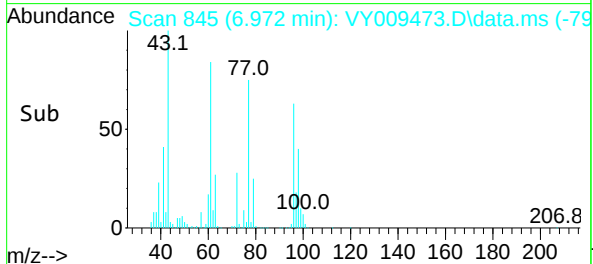
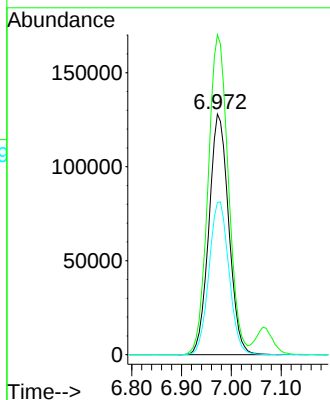
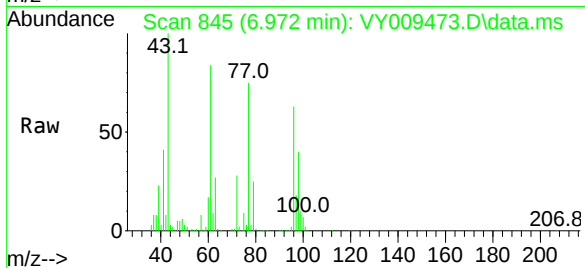
Tgt Ion: 96 Resp: 353162

Ion Ratio Lower Upper

96 100

61 135.8 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 138.882 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

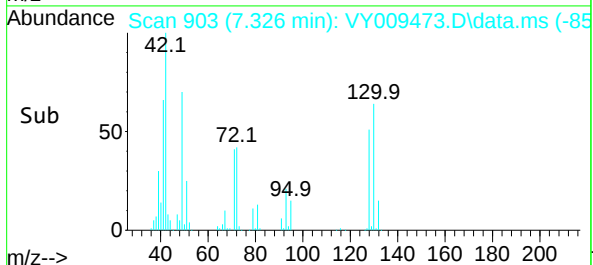
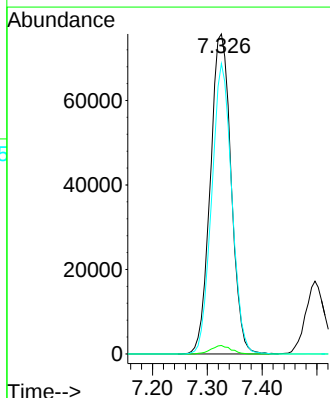
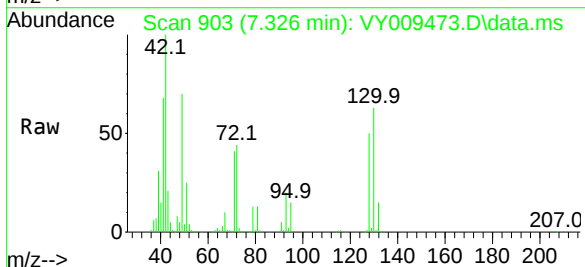
Tgt Ion: 49 Resp: 199301

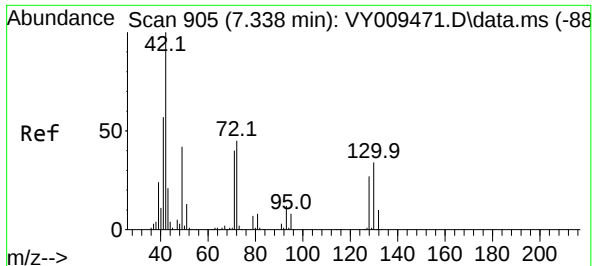
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 87.7 55.4 83.0#





#29

Tetrahydrofuran

Concen: 710.450 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

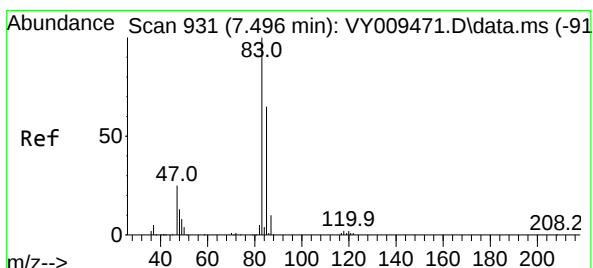
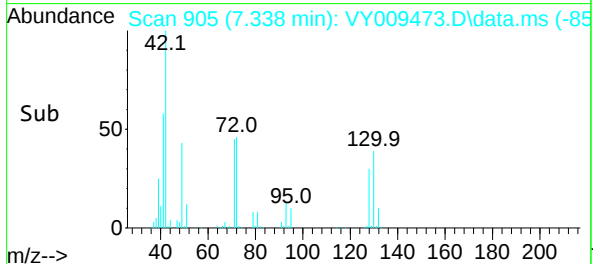
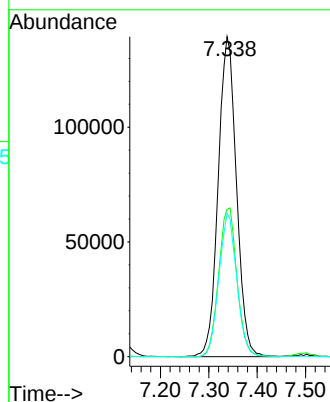
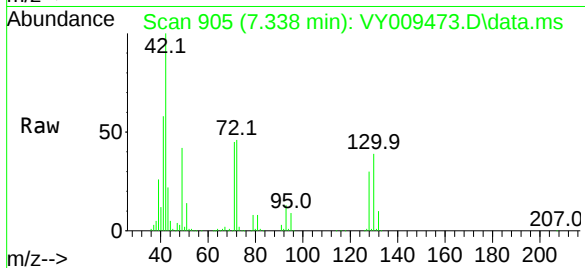
Tgt Ion: 42 Resp: 365885

Ion Ratio Lower Upper

42 100

72 46.6 30.3 45.5#

71 43.7 29.0 43.4#



#30

Chloroform

Concen: 147.447 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009473.D

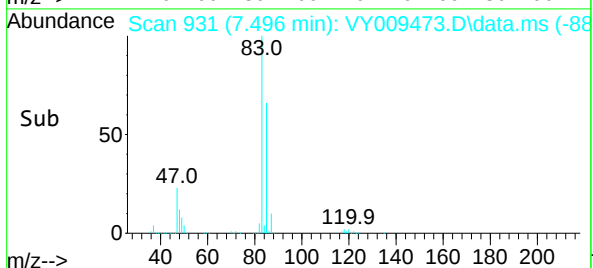
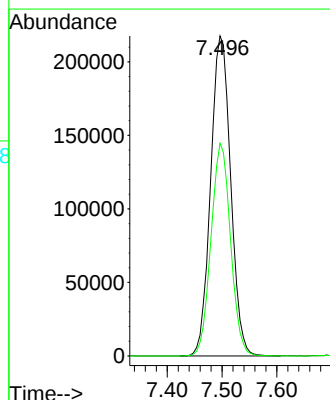
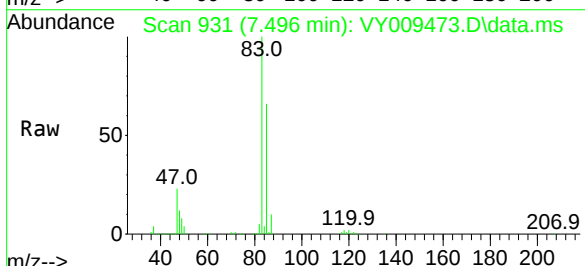
Acq: 07 Jul 2022 15:27

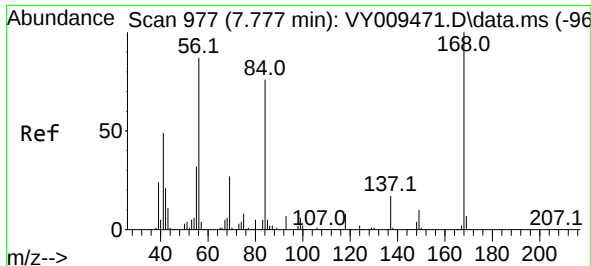
Tgt Ion: 83 Resp: 550976

Ion Ratio Lower Upper

83 100

85 66.4 51.8 77.6

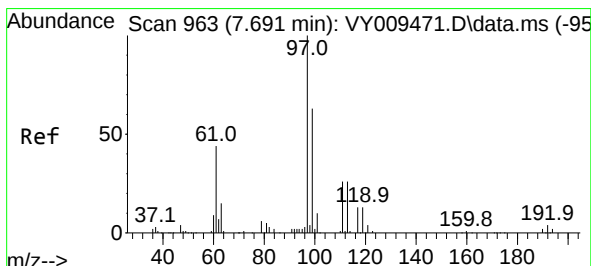
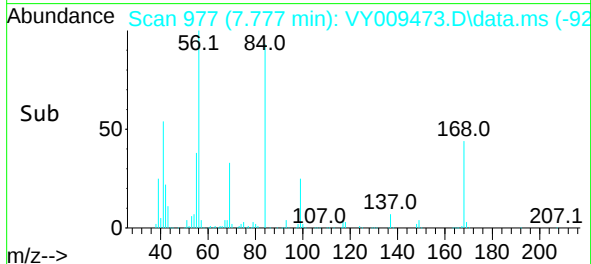
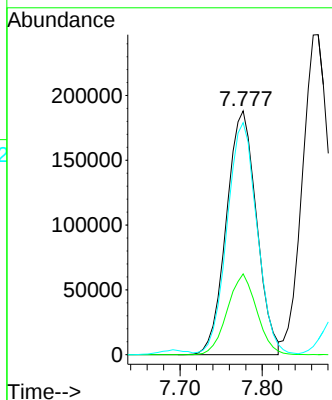
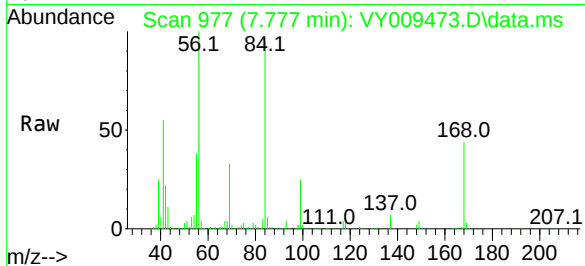




#31
Cyclohexane
Concen: 144.636 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

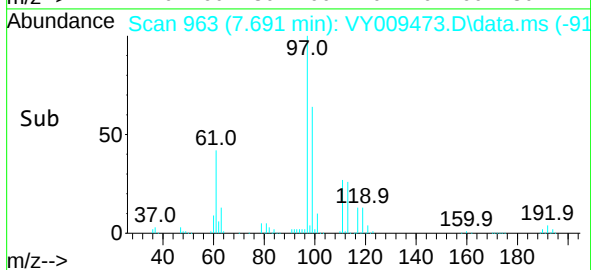
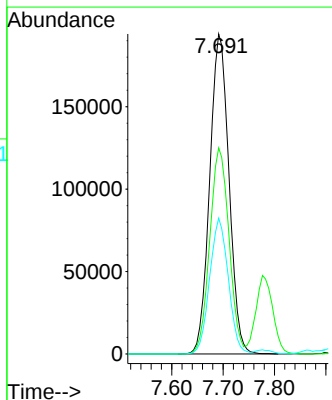
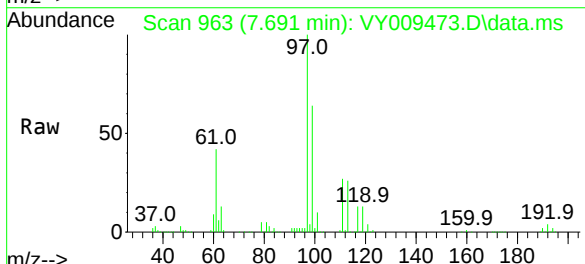
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

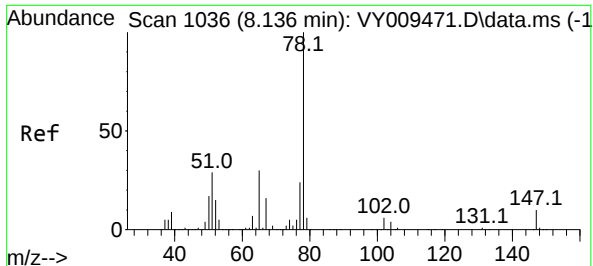
Tgt Ion: 56 Resp: 480126
Ion Ratio Lower Upper
56 100
69 33.1 26.7 40.1
84 93.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 152.821 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 97 Resp: 503472
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 112.170 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

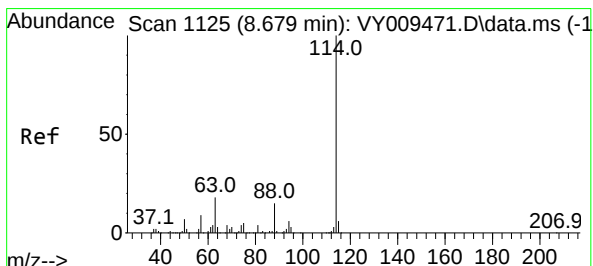
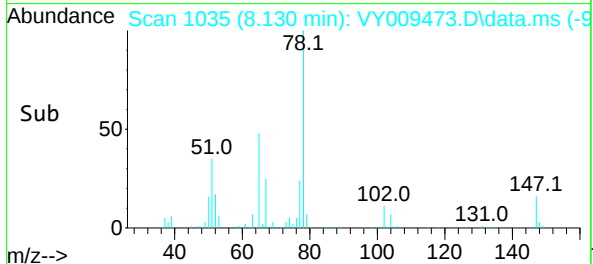
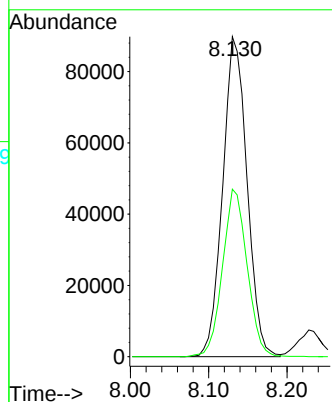
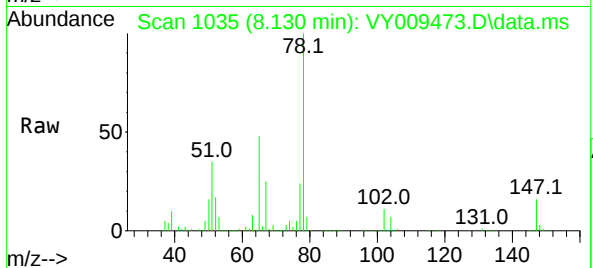
VSTDIC150

Tgt Ion: 65 Resp: 194013

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

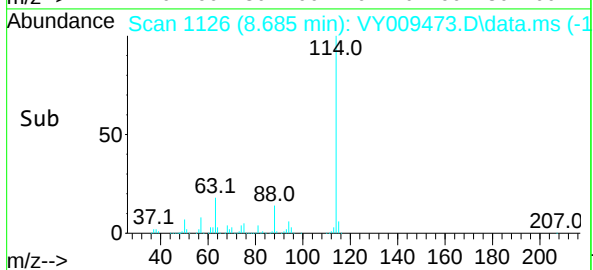
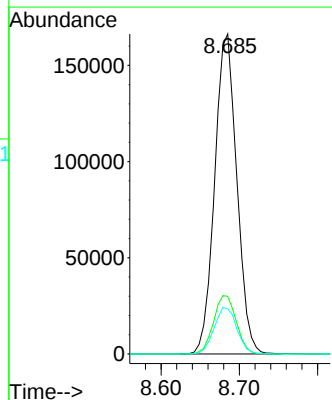
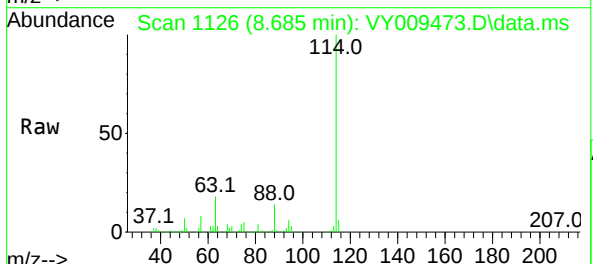
Tgt Ion: 114 Resp: 326771

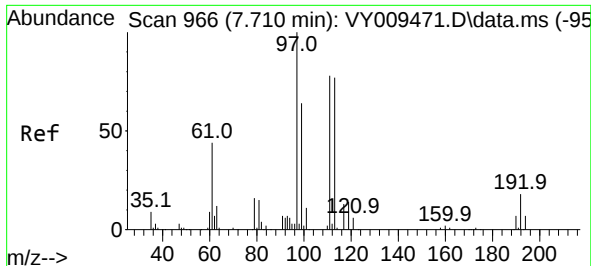
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.0 0.0 31.8

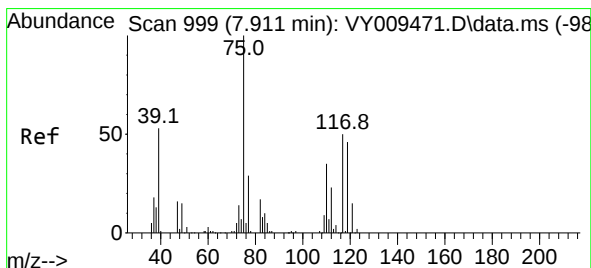
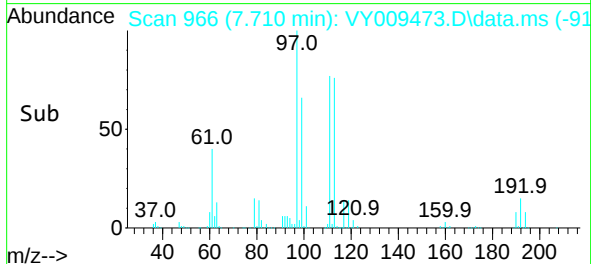
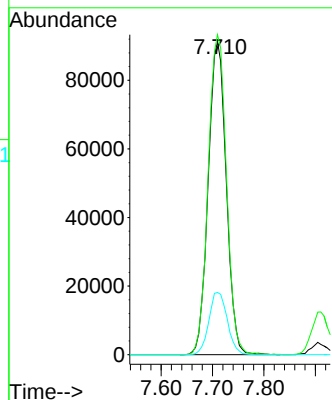
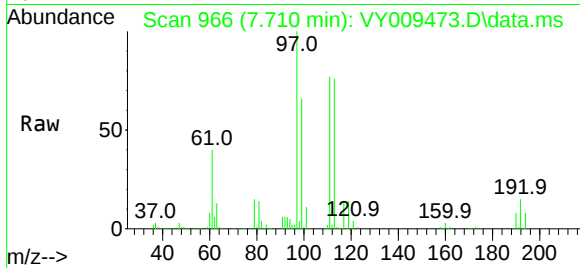




#35
Dibromofluoromethane
Concen: 129.431 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

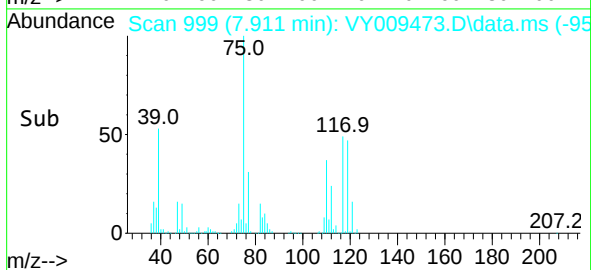
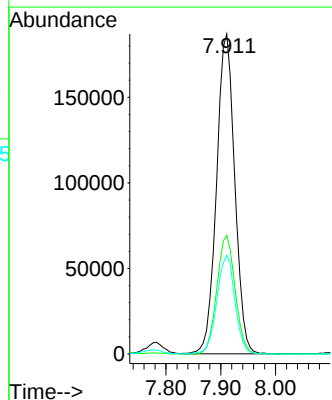
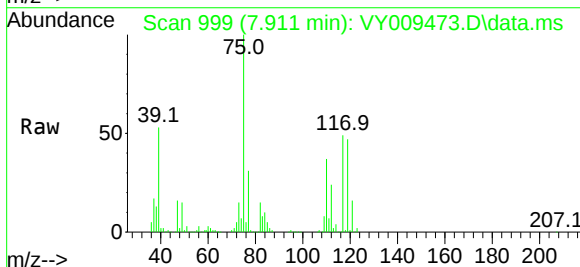
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

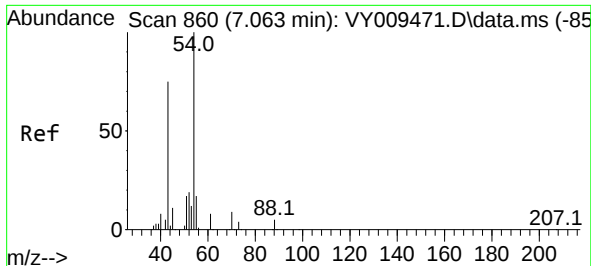
Tgt Ion:113 Resp: 222540
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 154.137 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 75 Resp: 431460
Ion Ratio Lower Upper
75 100
110 37.2 17.1 51.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 142.095 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

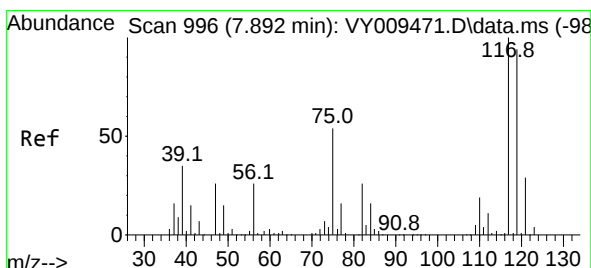
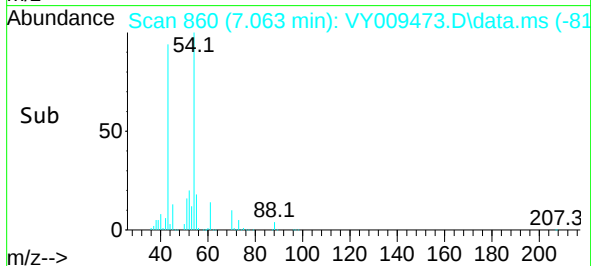
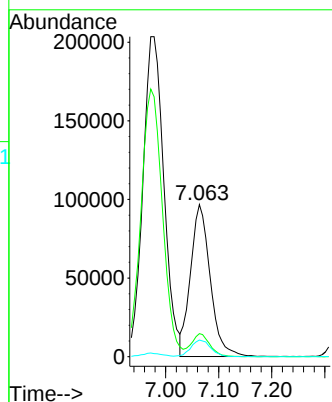
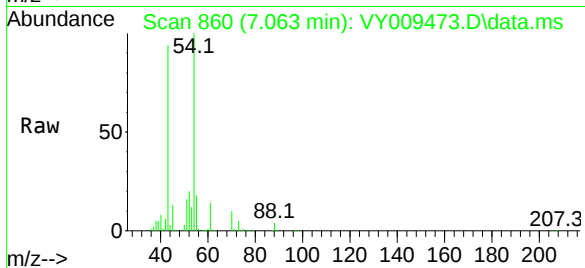
Tgt Ion: 43 Resp: 249325

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 154.074 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

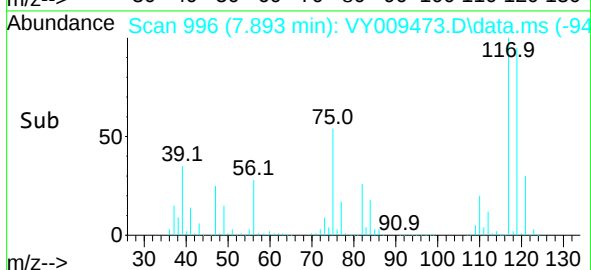
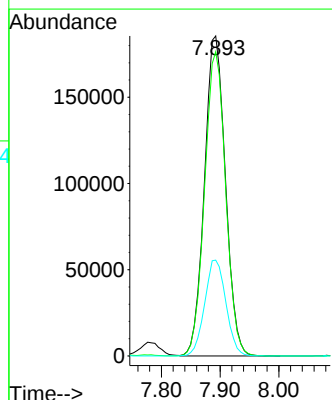
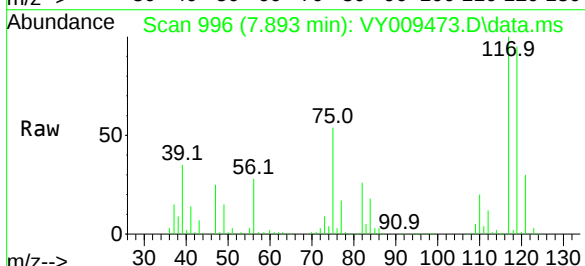
Tgt Ion: 117 Resp: 461251

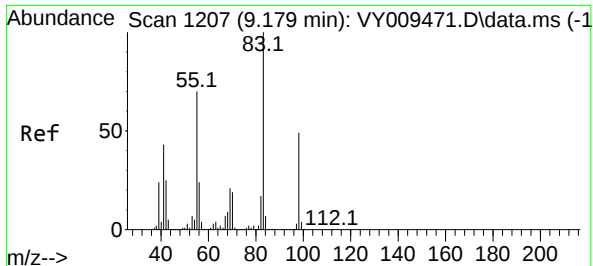
Ion Ratio Lower Upper

117 100

119 95.0 77.9 116.9

121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 161.129 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

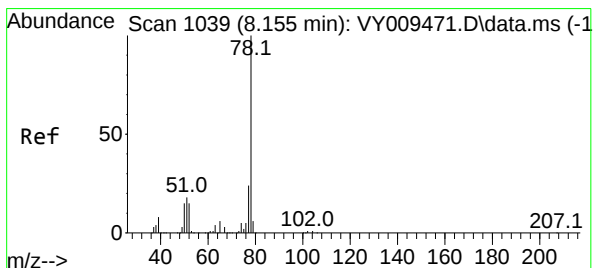
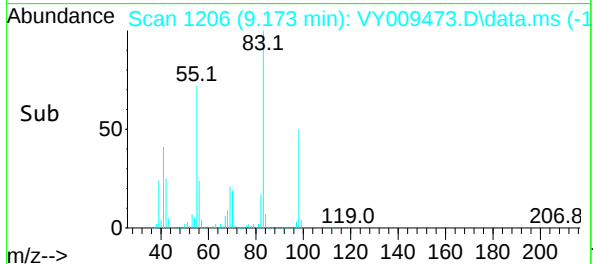
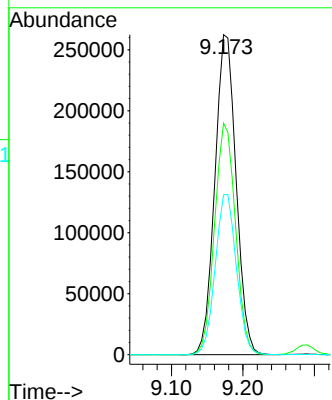
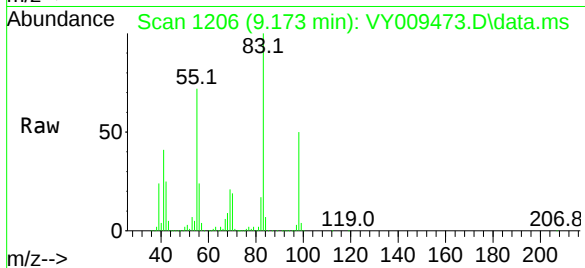
Tgt Ion: 83 Resp: 541401

Ion Ratio Lower Upper

83 100

55 72.4 66.5 99.7

98 50.0 37.9 56.9



#40

Benzene

Concen: 148.858 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009473.D

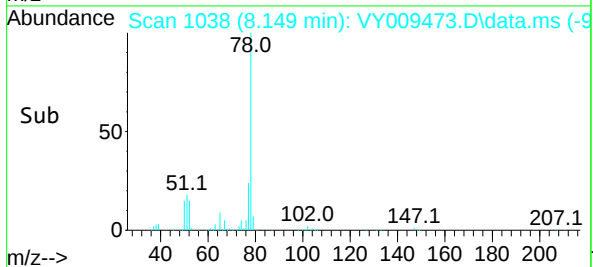
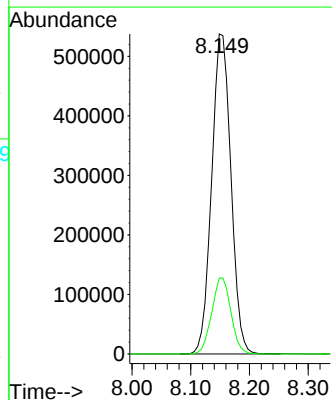
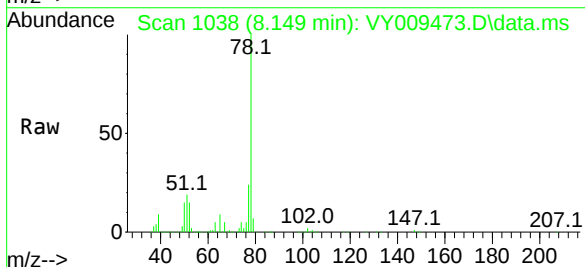
Acq: 07 Jul 2022 15:27

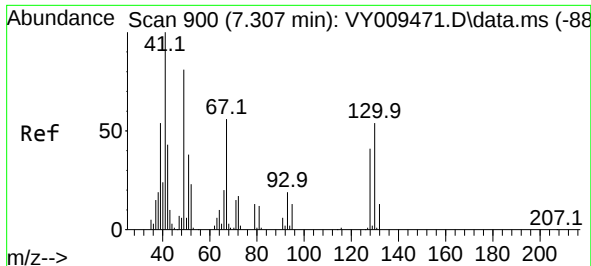
Tgt Ion: 78 Resp: 1223571

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

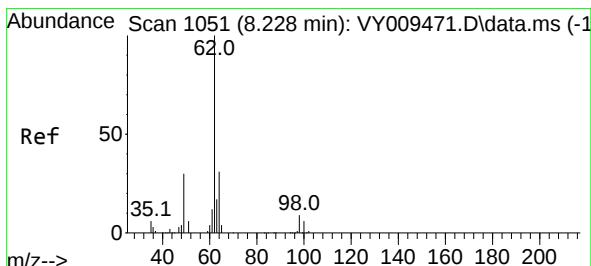
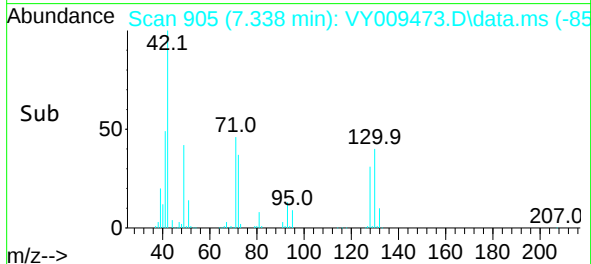
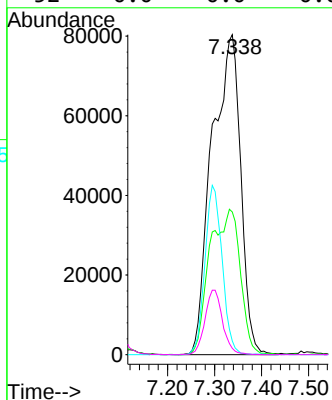
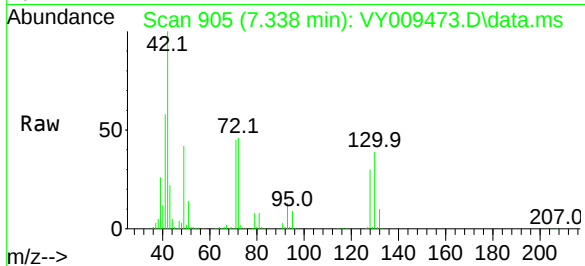




#41
Methacrylonitrile
Concen: 208.741 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

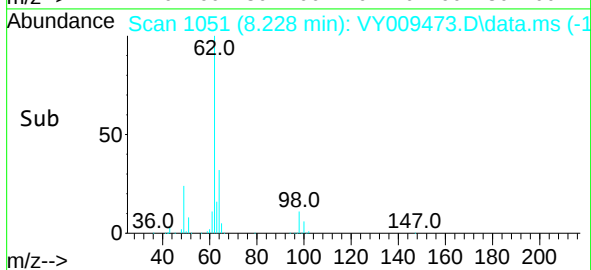
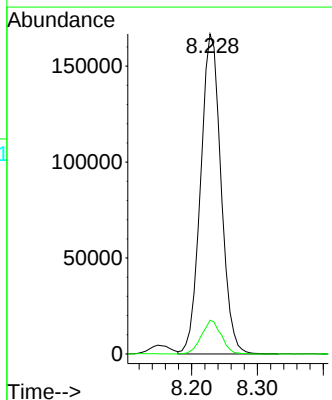
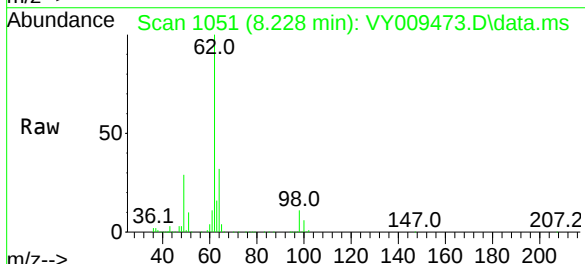
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

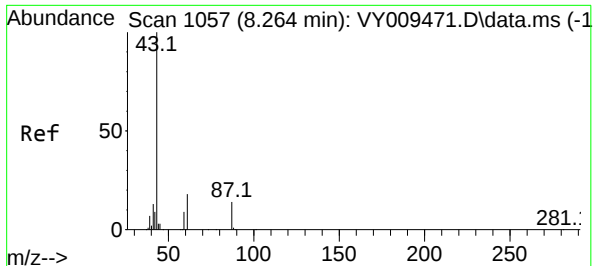
Tgt Ion: 41 Resp: 340612
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 145.836 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 62 Resp: 359886
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8

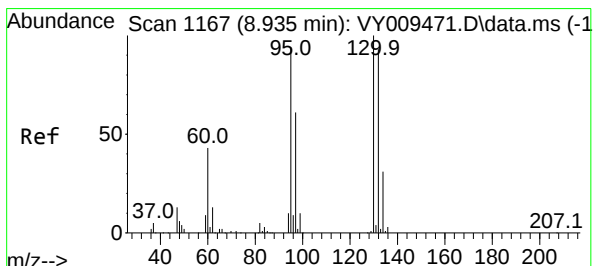
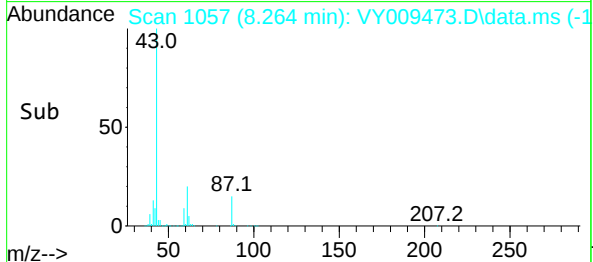
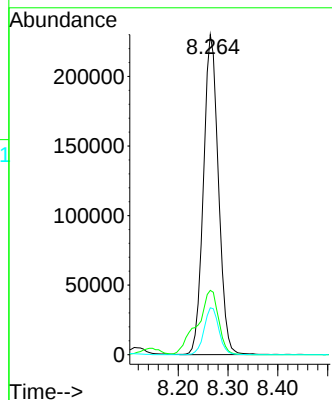
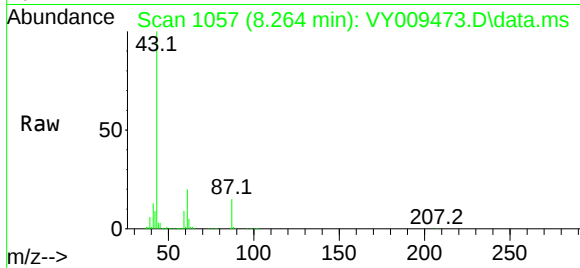




#43
Isopropyl Acetate
Concen: 146.122 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

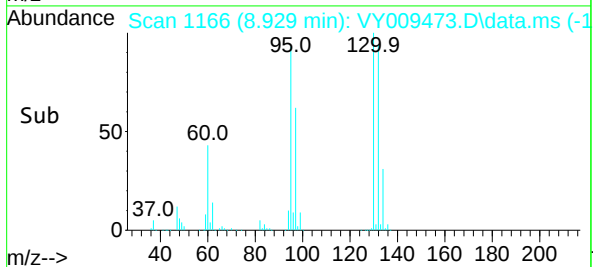
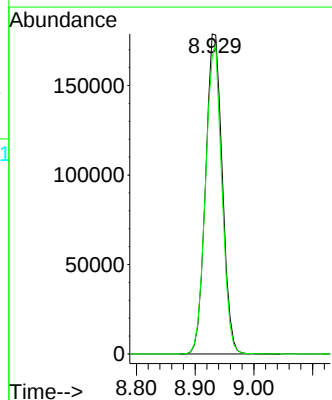
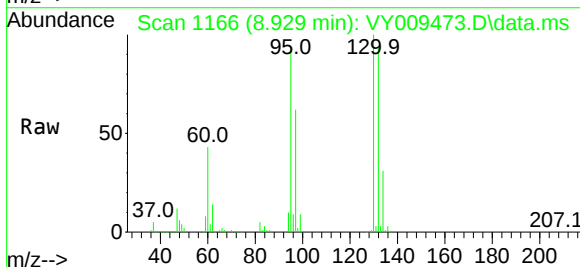
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

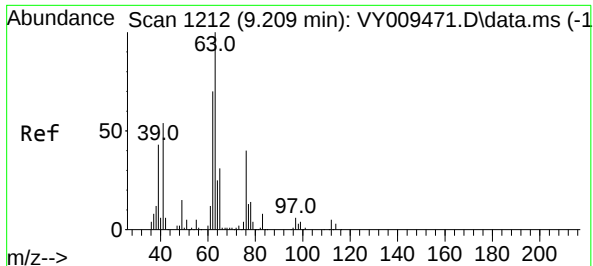
Tgt Ion: 43 Resp: 478386
Ion Ratio Lower Upper
43 100
61 28.6 20.2 30.2
87 14.5 8.9 13.3#



#44
Trichloroethene
Concen: 151.735 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:130 Resp: 352335
Ion Ratio Lower Upper
130 100
95 92.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 145.657 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

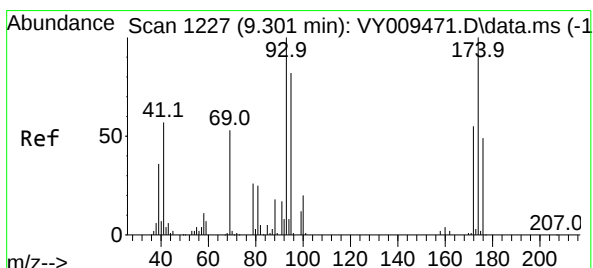
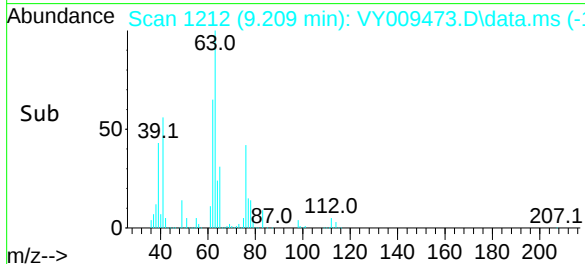
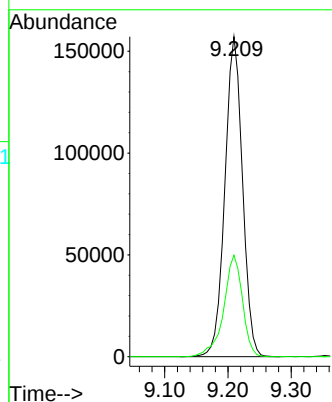
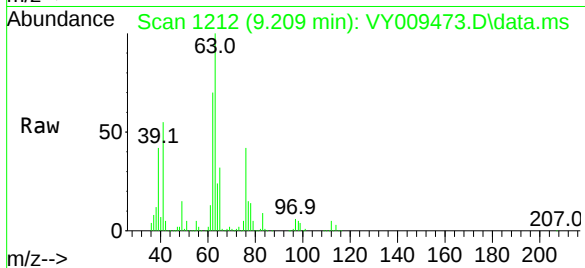
VSTDIC150

Tgt Ion: 63 Resp: 302994

Ion Ratio Lower Upper

63 100

65 31.7 23.0 34.6



#46

Dibromomethane

Concen: 148.166 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

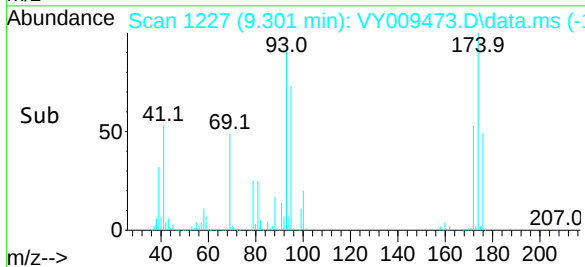
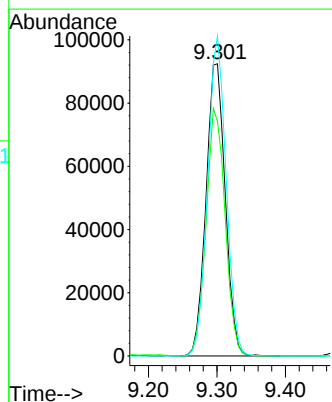
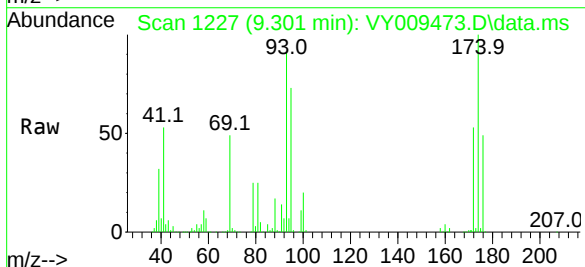
Tgt Ion: 93 Resp: 180897

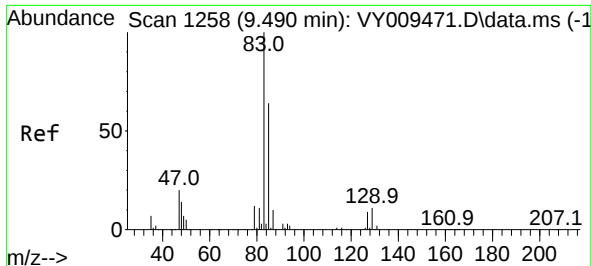
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 105.4 83.4 125.0

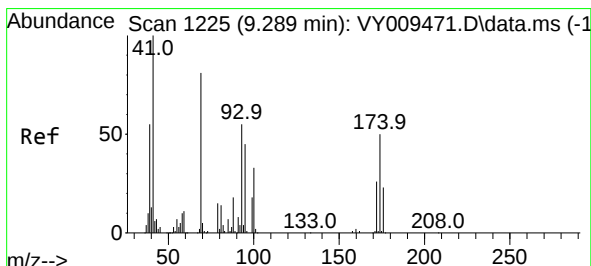
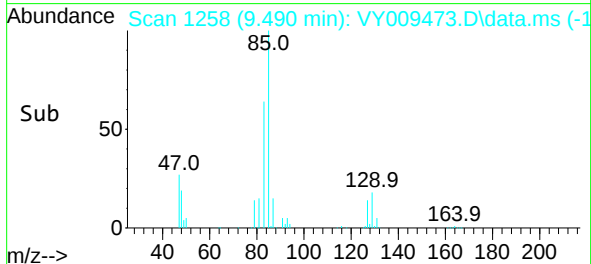
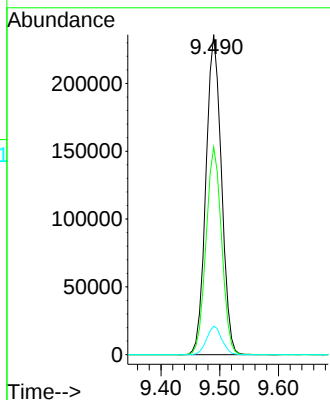
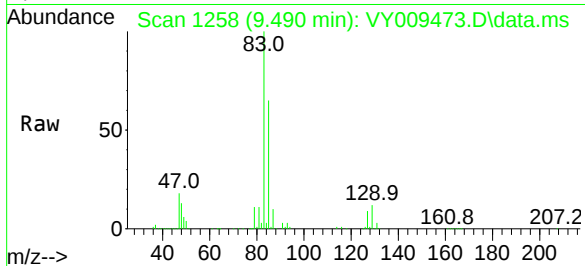




#47
Bromodichloromethane
Concen: 148.772 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

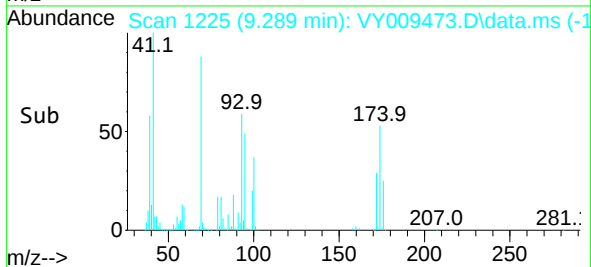
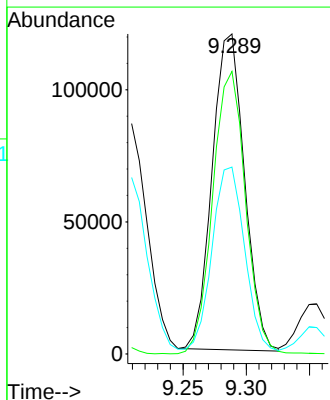
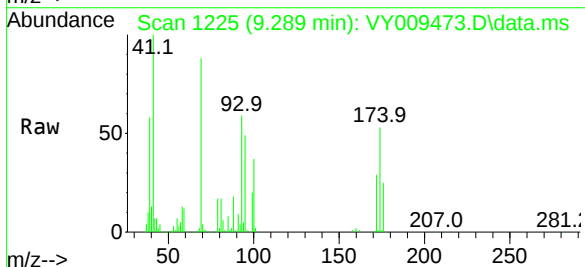
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

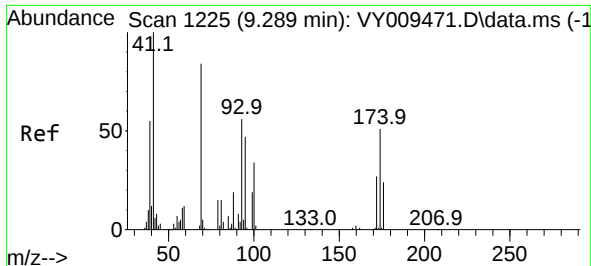
Tgt Ion: 83 Resp: 432328
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 150.827 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 41 Resp: 212748
Ion Ratio Lower Upper
41 100
69 90.9 58.2 87.2#
39 58.2 47.4 71.0





#49

1,4-Dioxane

Concen: 3010.972 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

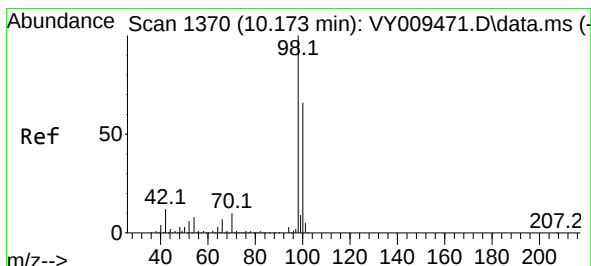
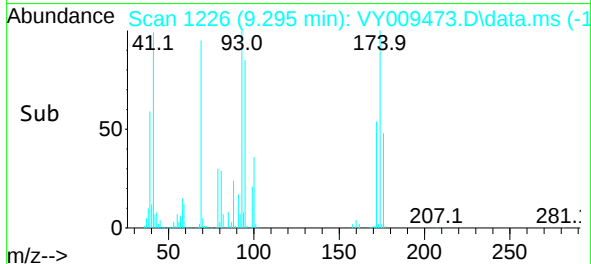
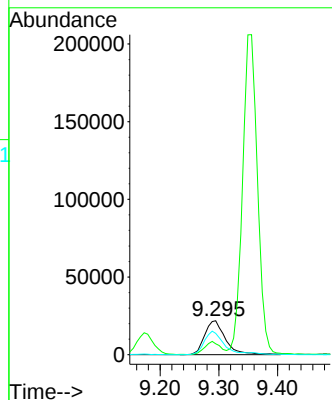
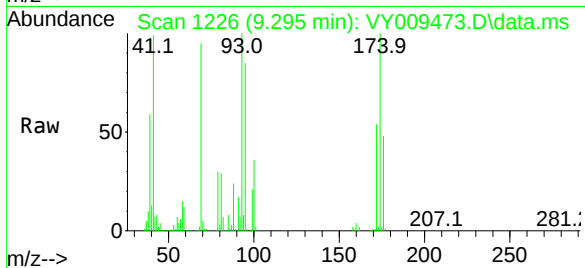
Tgt Ion: 88 Resp: 54137

Ion Ratio Lower Upper

88 100

43 29.2 32.8 49.2#

58 67.8 59.8 89.6



#50

Toluene-d8

Concen: 106.751 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009473.D

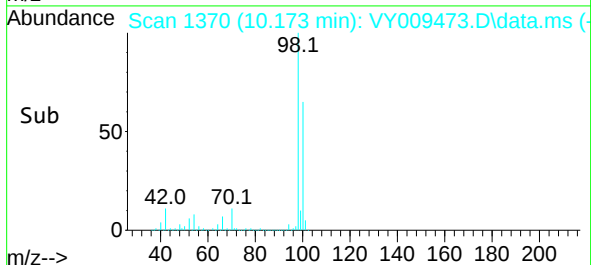
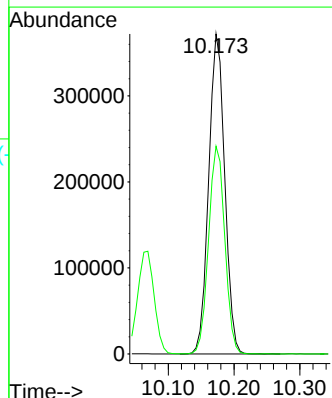
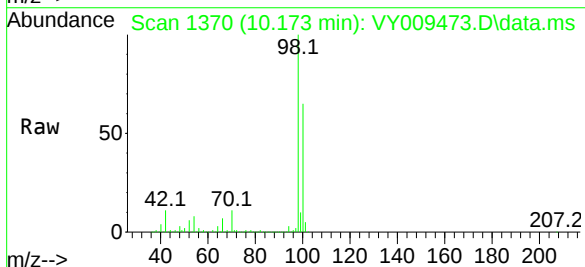
Acq: 07 Jul 2022 15:27

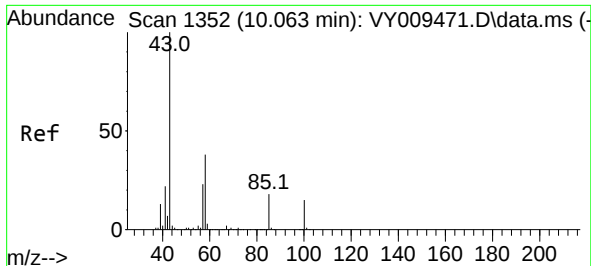
Tgt Ion: 98 Resp: 630556

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

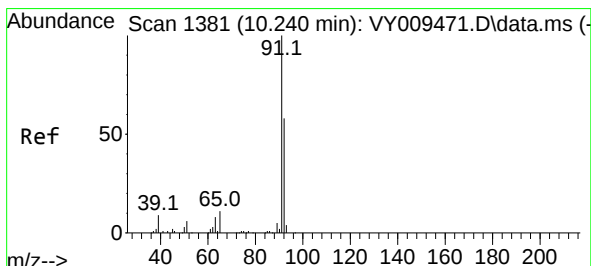
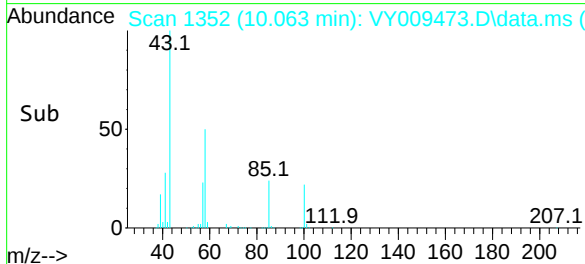
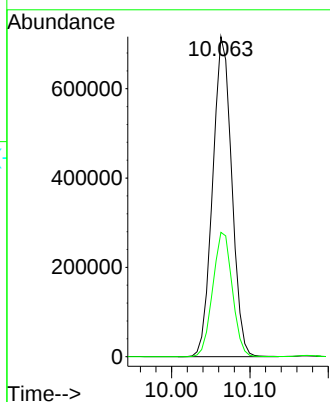
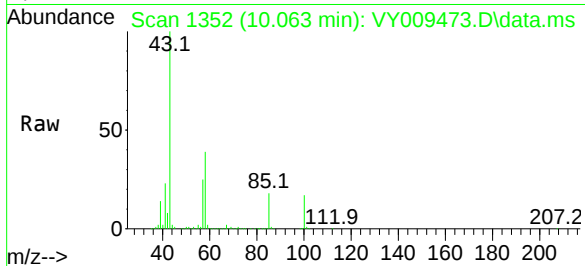




#51
4-Methyl-2-Pentanone
Concen: 704.765 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

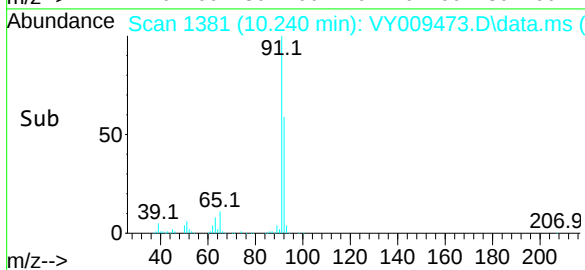
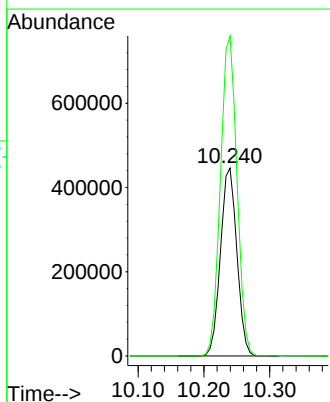
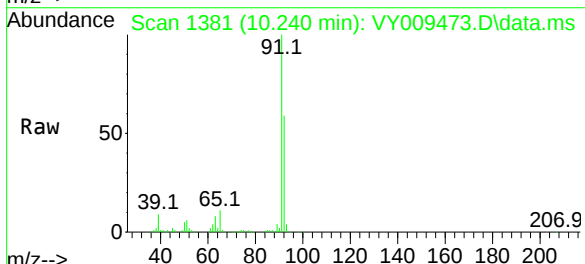
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

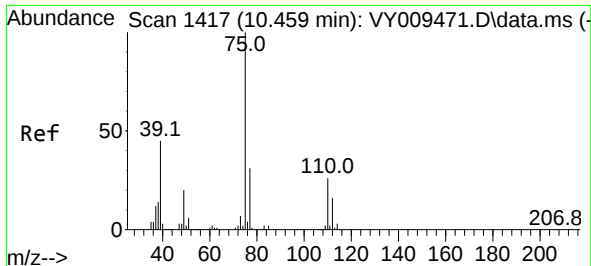
Tgt Ion: 43 Resp: 1213399
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1



#52
Toluene
Concen: 147.619 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 92 Resp: 773212
Ion Ratio Lower Upper
92 100
91 171.2 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 151.301 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

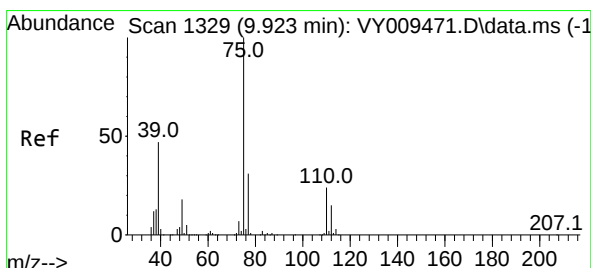
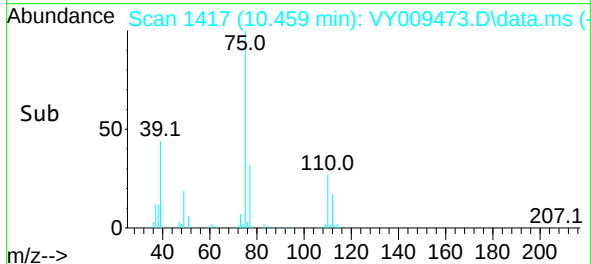
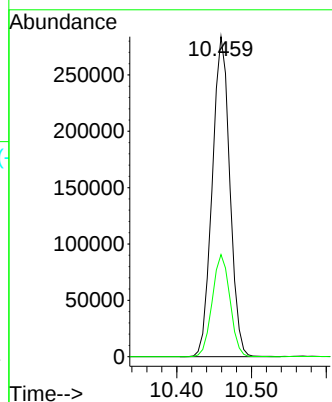
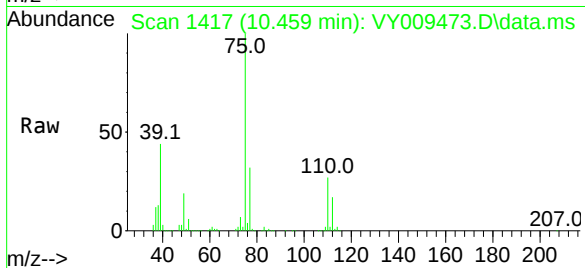
VSTDIC150

Tgt Ion: 75 Resp: 463337

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 149.328 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

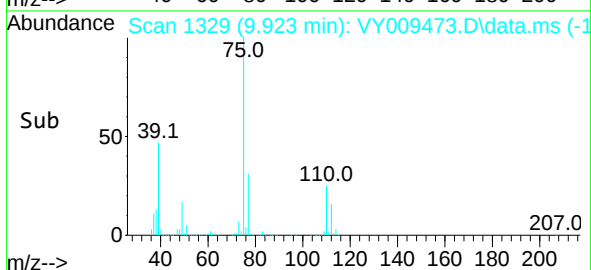
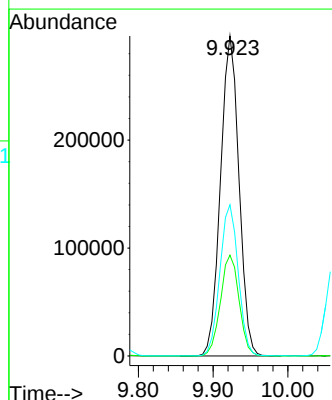
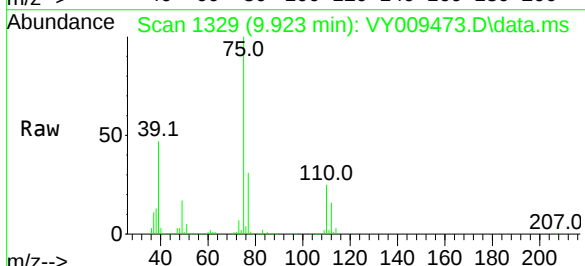
Tgt Ion: 75 Resp: 509910

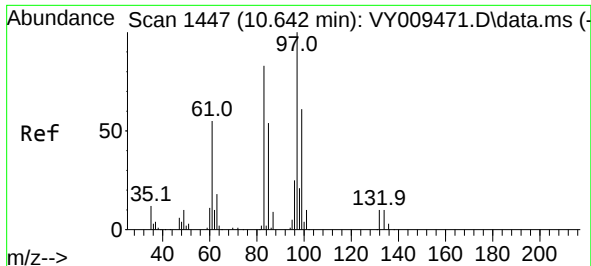
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 47.2 47.6 71.4#

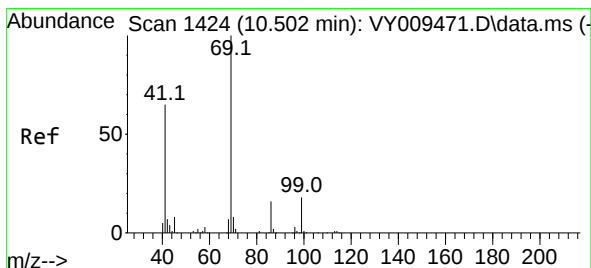
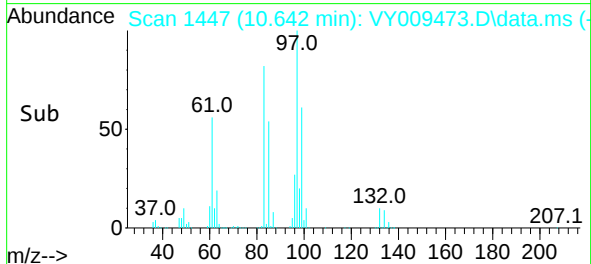
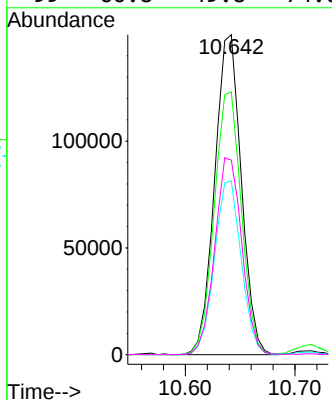
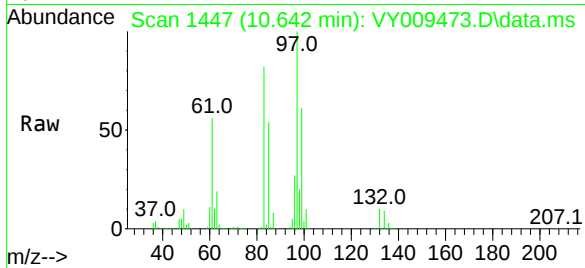




#55
1,1,2-Trichloroethane
Concen: 143.712 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

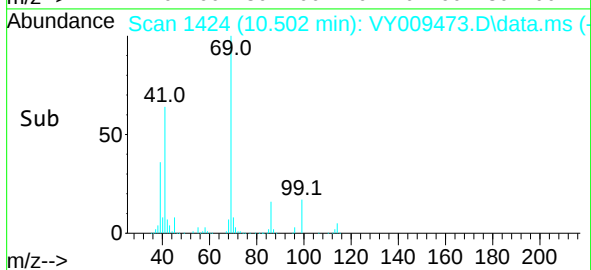
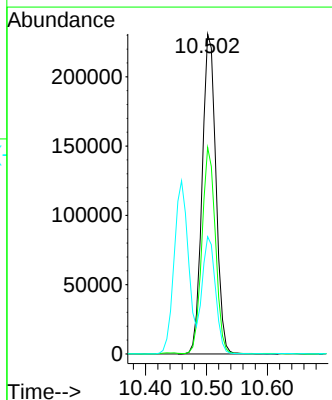
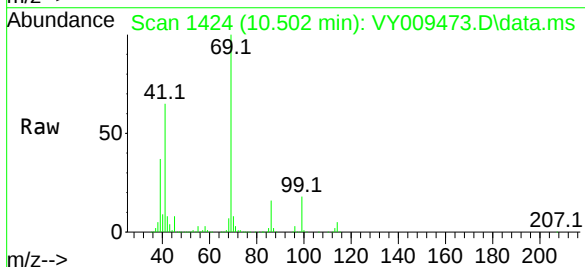
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

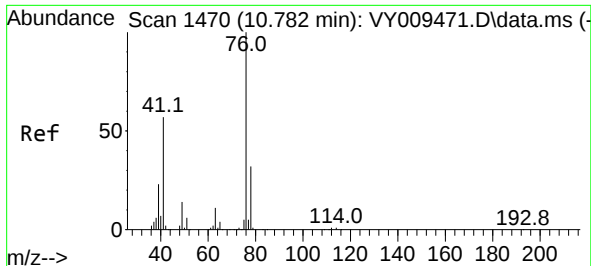
Tgt Ion: 97	Resp: 253122
Ion Ratio	Lower Upper
97 100	
83 82.0	69.8 104.8
85 54.2	44.3 66.5
99 60.8	49.8 74.6



#56
Ethyl methacrylate
Concen: 155.802 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 69	Resp: 364331
Ion Ratio	Lower Upper
69 100	
41 63.1	63.4 95.0#
39 35.1	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 147.620 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

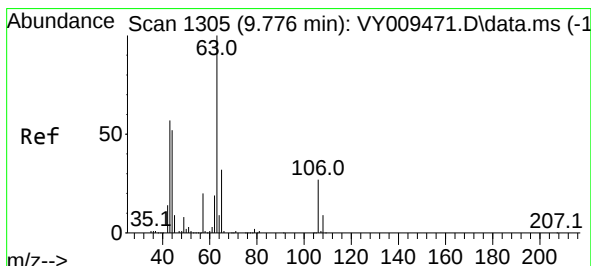
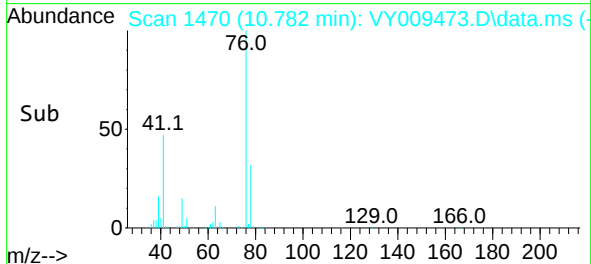
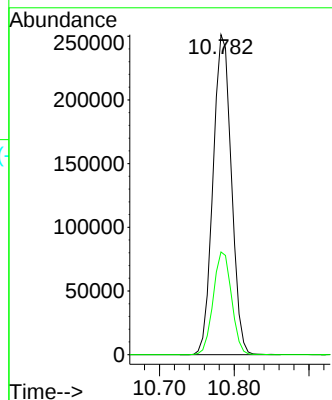
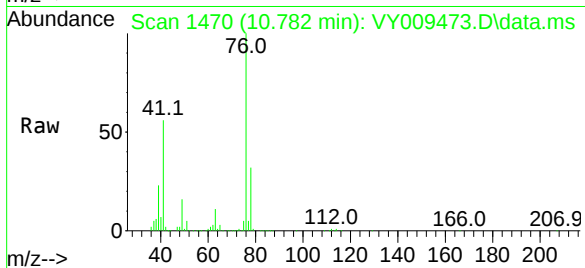
VSTDIC150

Tgt Ion: 76 Resp: 428625

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 735.448 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009473.D

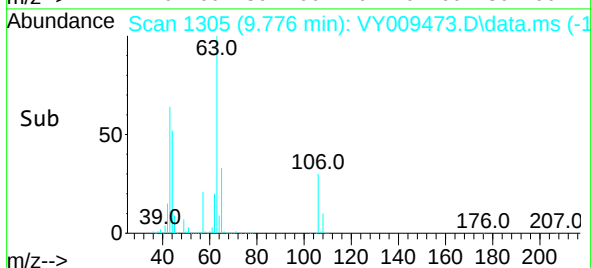
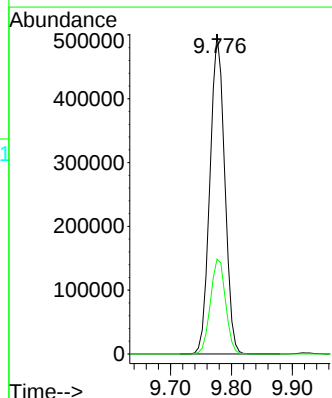
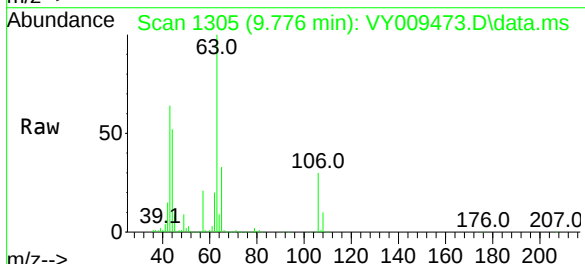
Acq: 07 Jul 2022 15:27

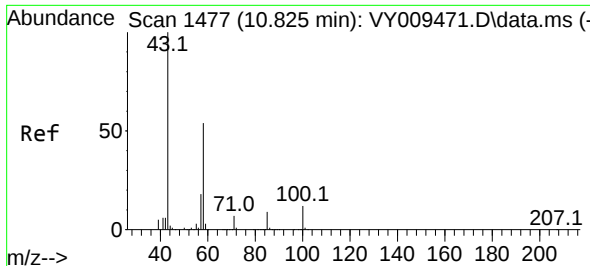
Tgt Ion: 63 Resp: 840125

Ion Ratio Lower Upper

63 100

106 30.4 21.5 32.3

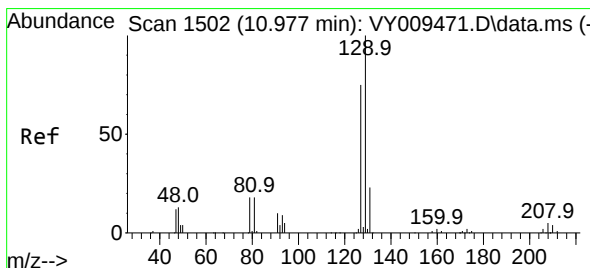
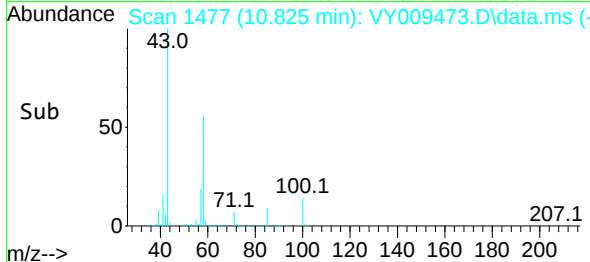
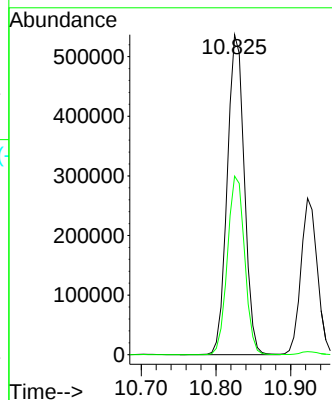
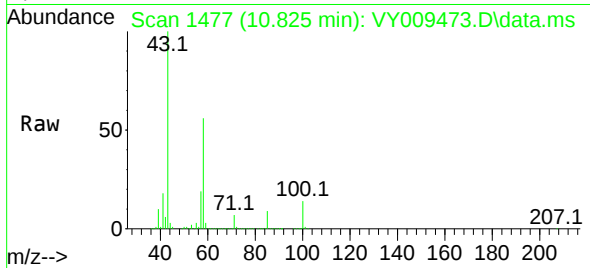




#59
2-Hexanone
Concen: 715.199 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

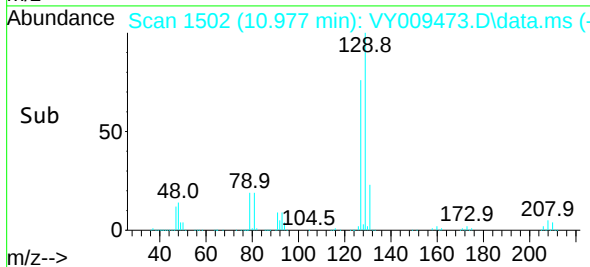
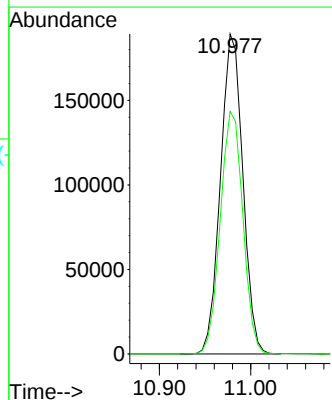
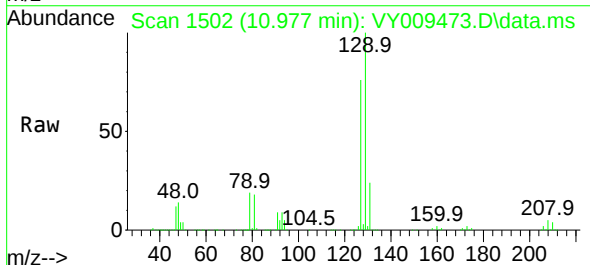
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

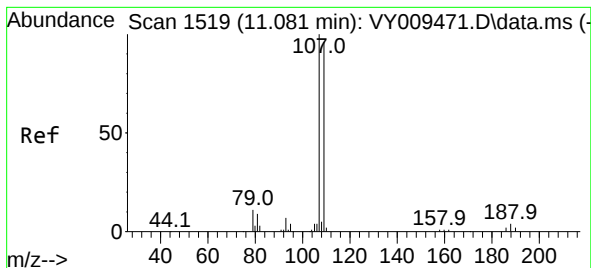
Tgt Ion: 43 Resp: 853251
Ion Ratio Lower Upper
43 100
58 56.3 24.4 73.4



#60
Dibromochloromethane
Concen: 151.105 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 129 Resp: 322292
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

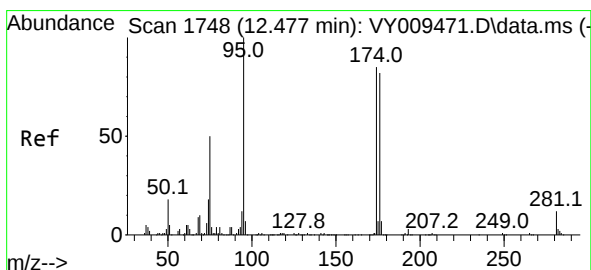
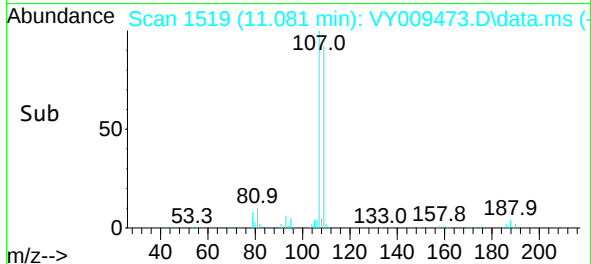
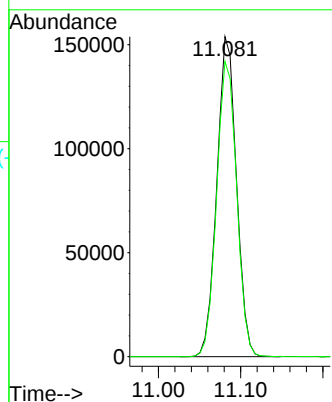
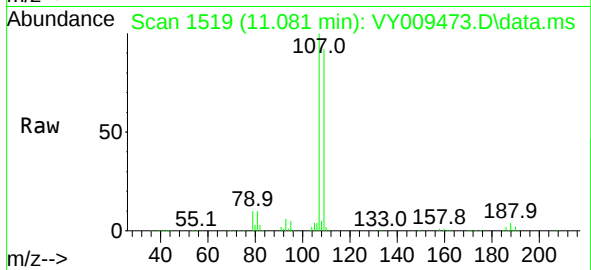




#61
1,2-Dibromoethane
Concen: 151.246 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

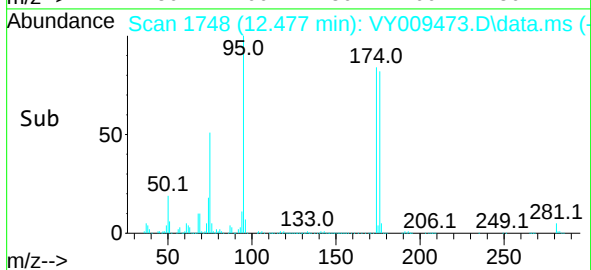
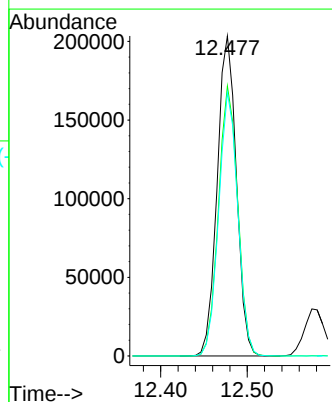
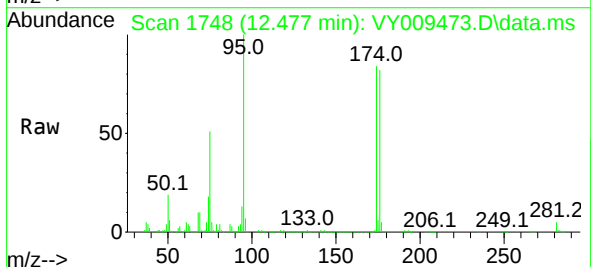
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

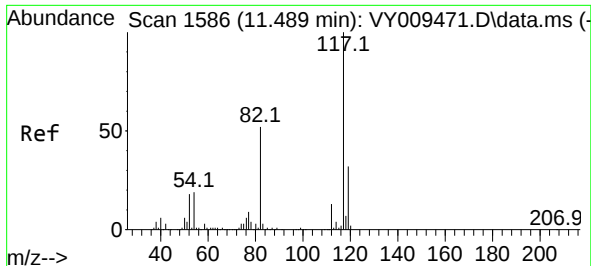
Tgt Ion:107 Resp: 255385
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 128.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 95 Resp: 312780
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.9 0.0 175.8

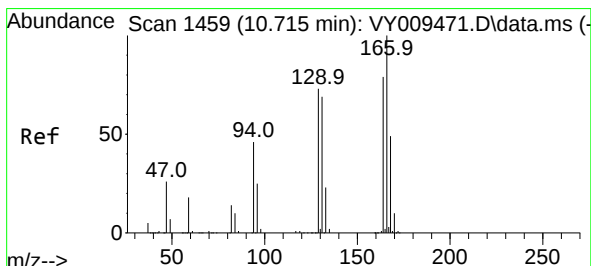
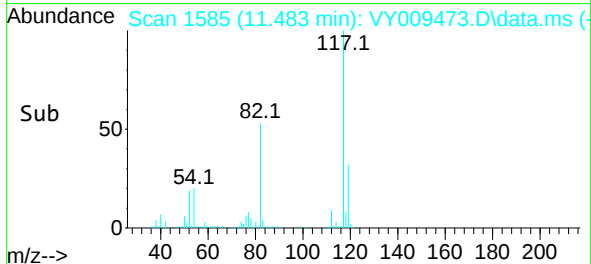
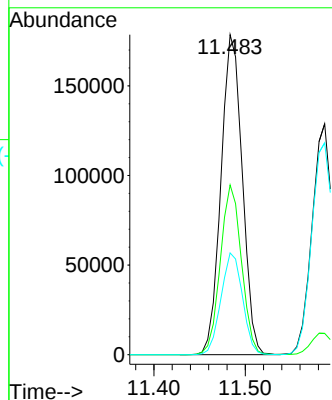
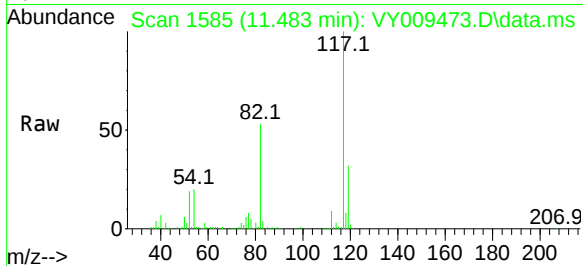




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

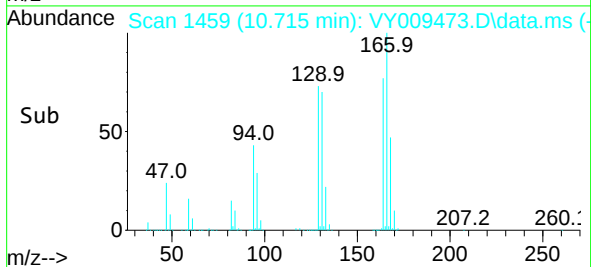
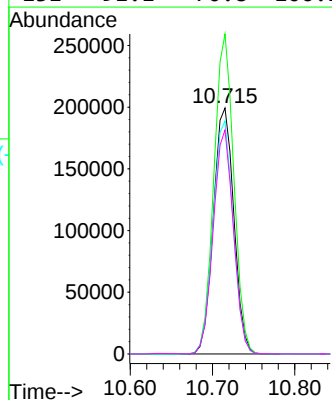
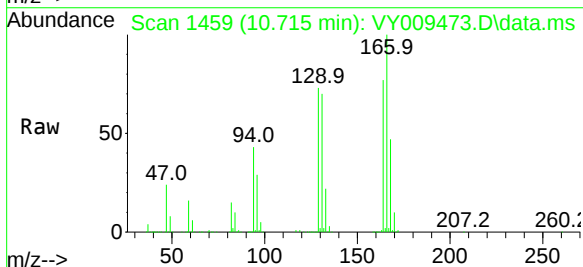
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

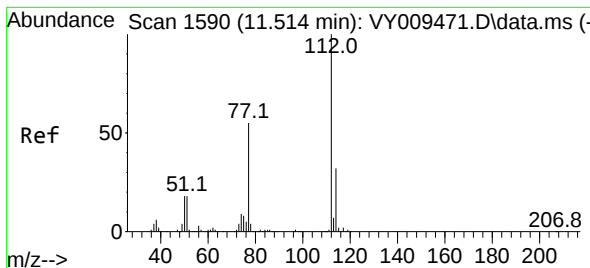
Tgt Ion:117 Resp: 289797
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 142.479 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:164 Resp: 345222
Ion Ratio Lower Upper
164 100
166 130.1 100.4 150.6
129 94.8 71.4 107.0
131 91.1 70.8 106.2

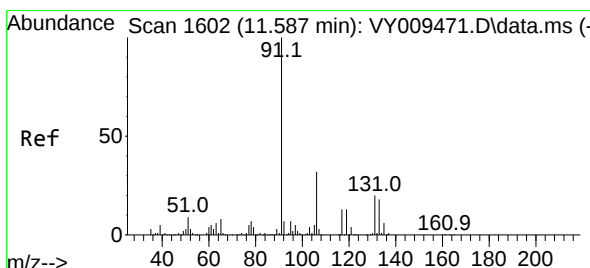
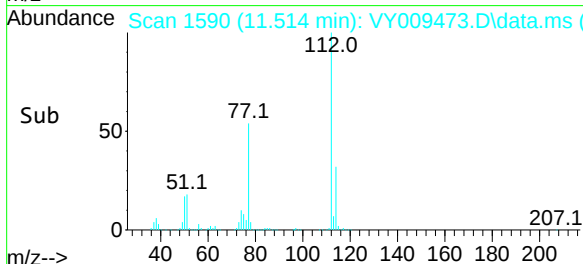
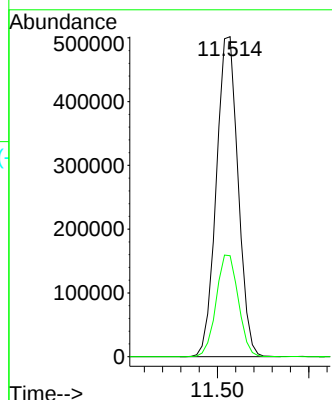
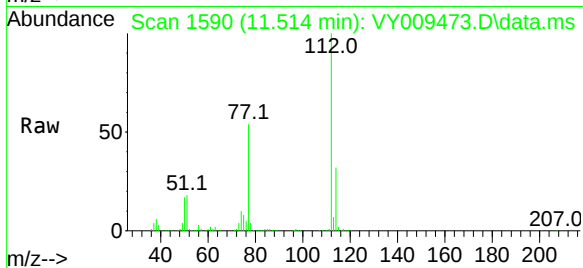




#65
Chlorobenzene
Concen: 145.763 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

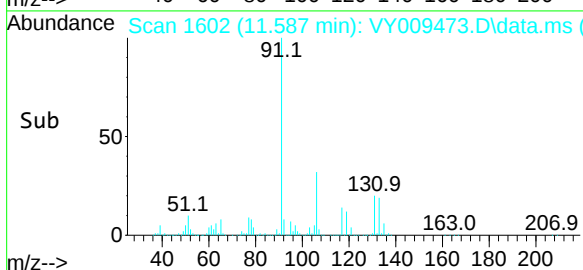
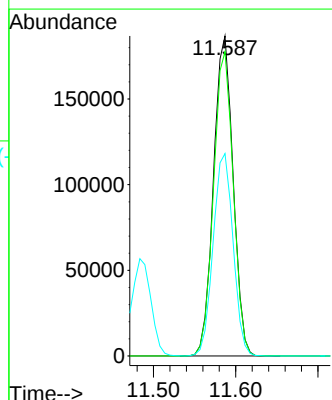
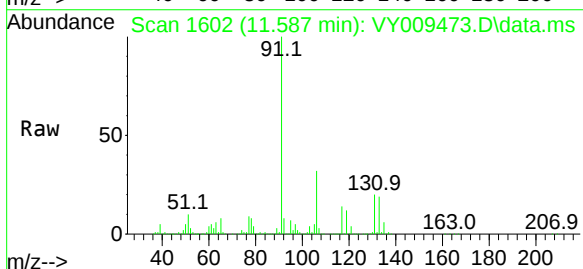
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

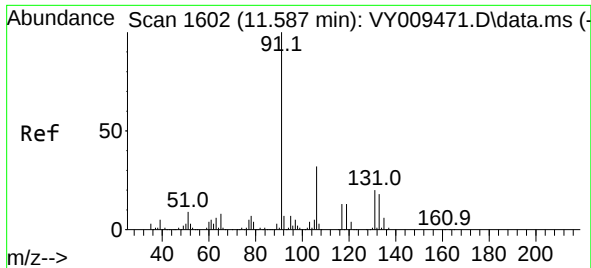
Tgt Ion:112 Resp: 829625
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 144.315 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:131 Resp: 308973
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 64.4 30.8 92.3

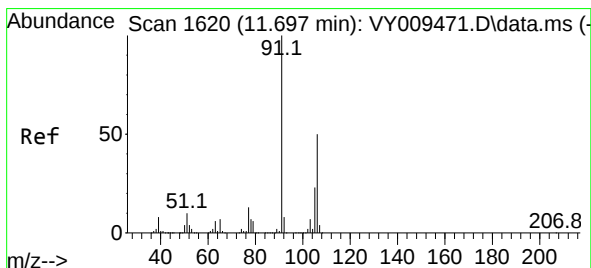
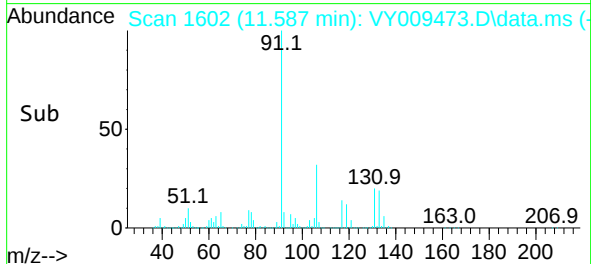
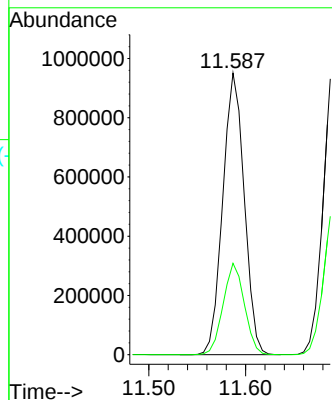
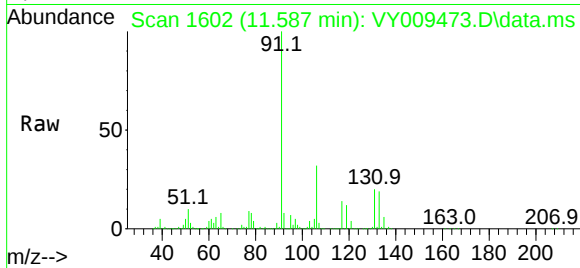




#67
Ethyl Benzene
Concen: 147.328 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

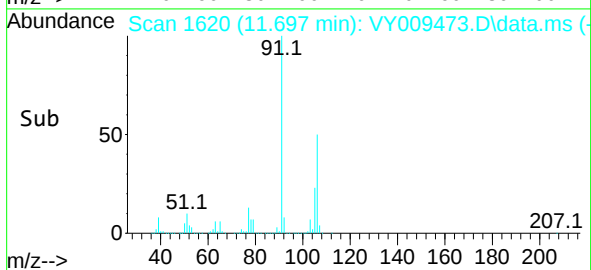
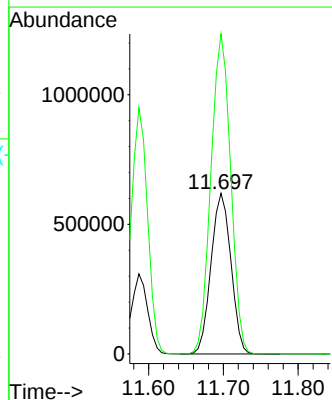
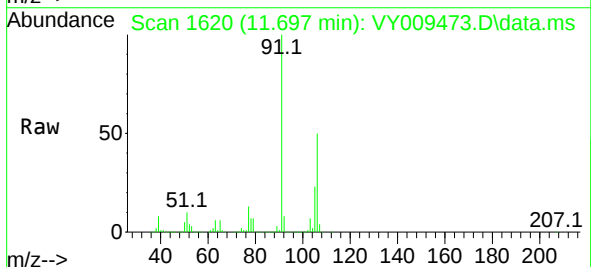
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

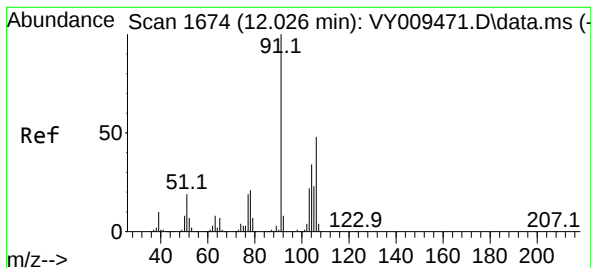
Tgt Ion: 91 Resp: 1463898
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 295.057 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 106 Resp: 1143409
Ion Ratio Lower Upper
106 100
91 198.0 166.6 249.8

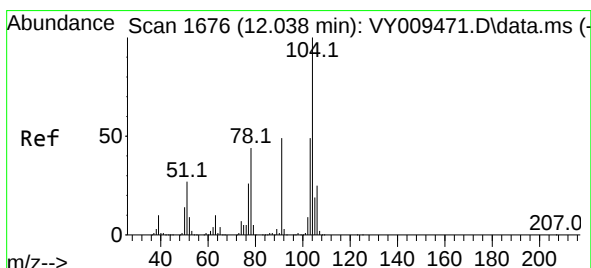
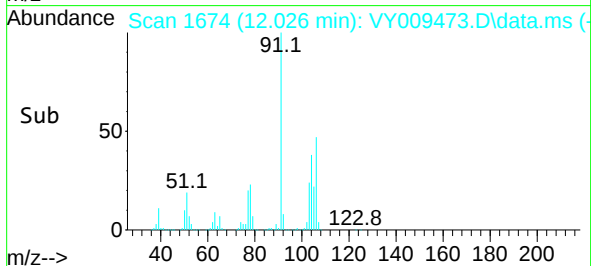
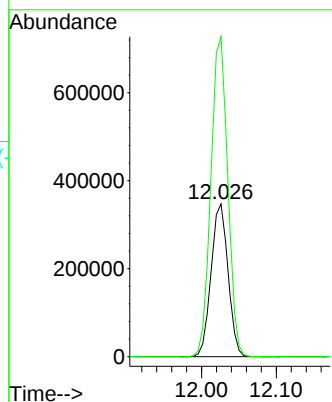
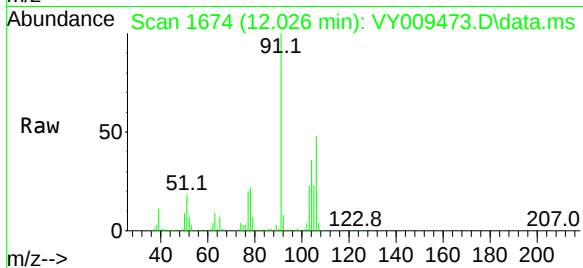




#69
o-Xylene
Concen: 147.041 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

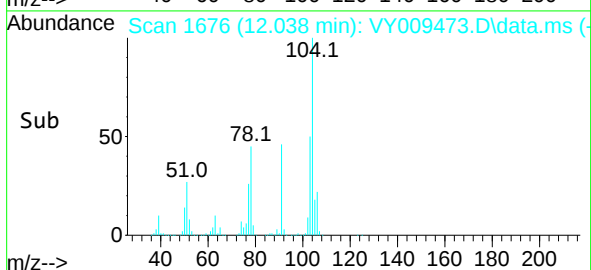
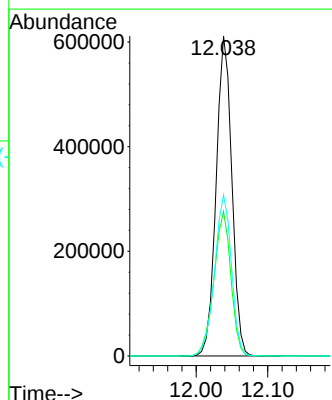
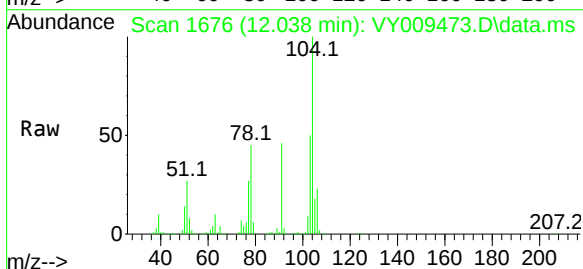
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

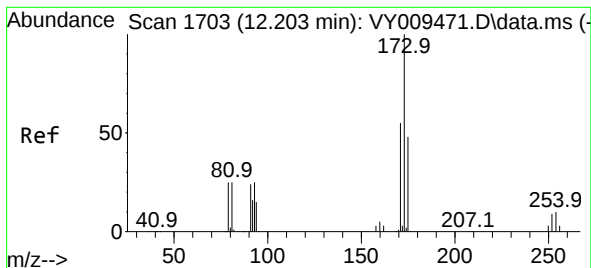
Tgt Ion:106 Resp: 546179
Ion Ratio Lower Upper
106 100
91 208.9 110.3 331.0



#70
Styrene
Concen: 150.100 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:104 Resp: 931247
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 153.052 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

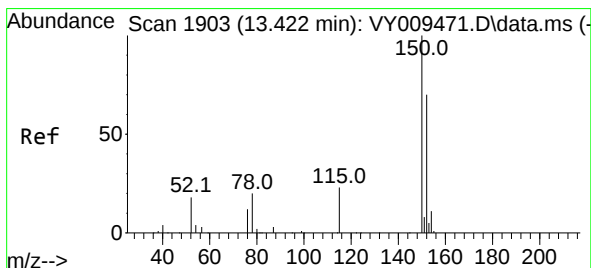
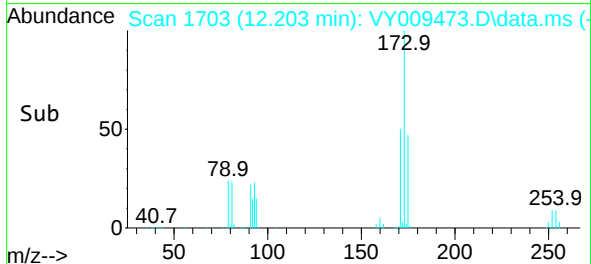
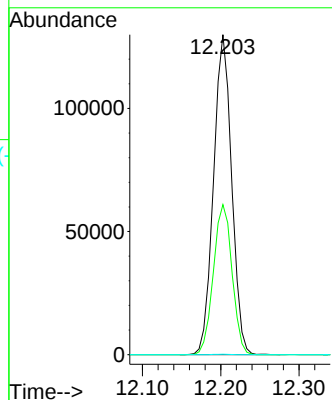
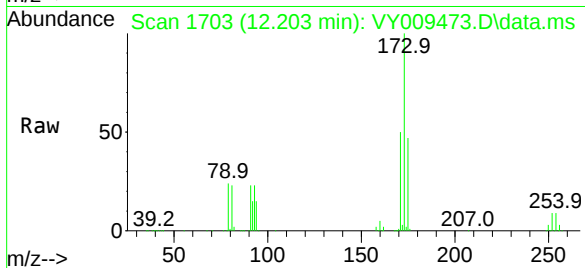
Tgt Ion:173 Resp: 208850

Ion Ratio Lower Upper

173 100

175 48.3 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

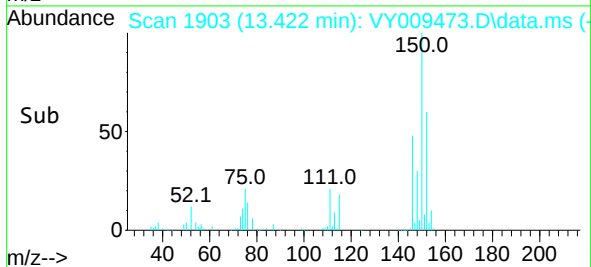
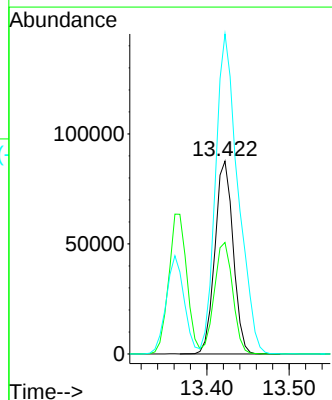
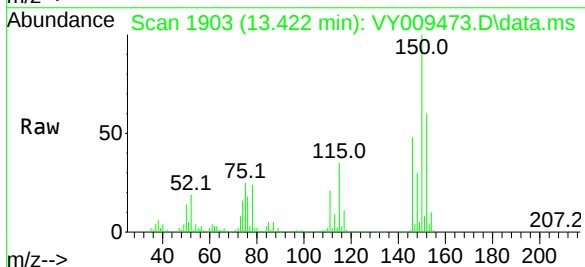
Tgt Ion:152 Resp: 134871

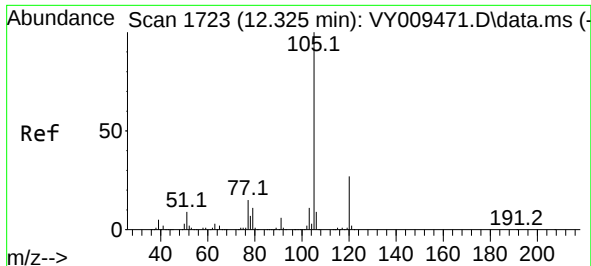
Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 204.6 0.0 347.6

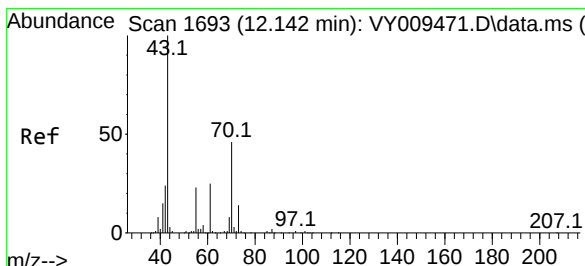
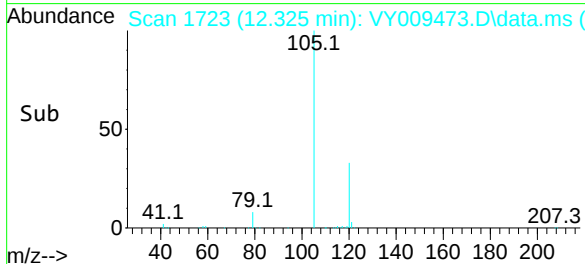
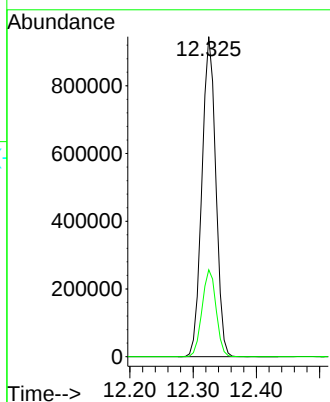
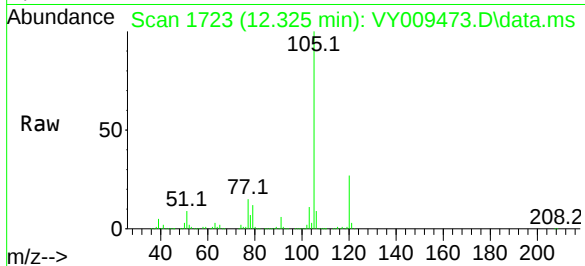




#73
Isopropylbenzene
Concen: 156.525 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

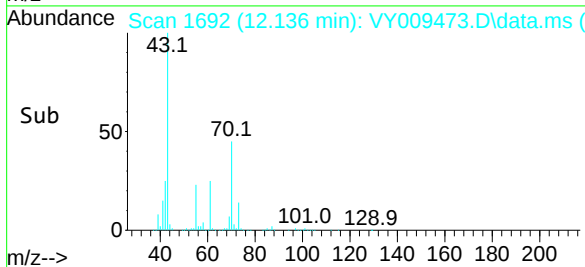
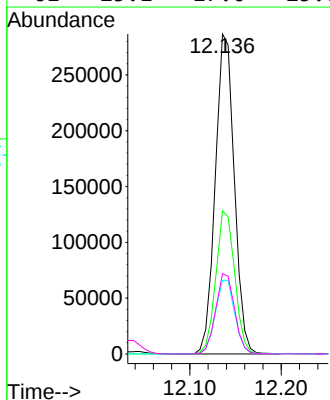
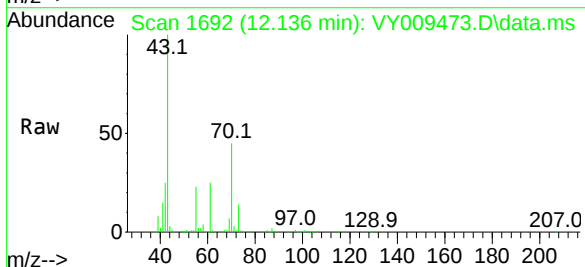
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

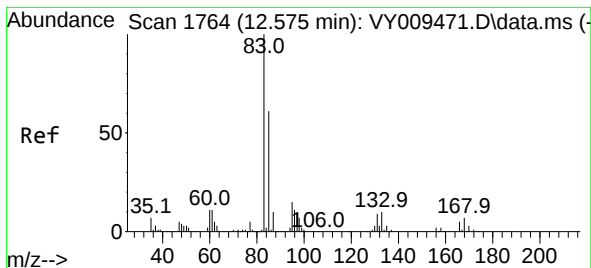
Tgt Ion:105 Resp: 1443754
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 158.064 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 43 Resp: 414818
Ion Ratio Lower Upper
43 100
70 44.5 28.7 43.1#
55 23.6 17.3 25.9
61 25.1 17.0 25.6

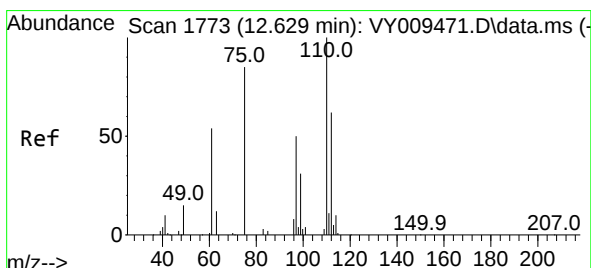
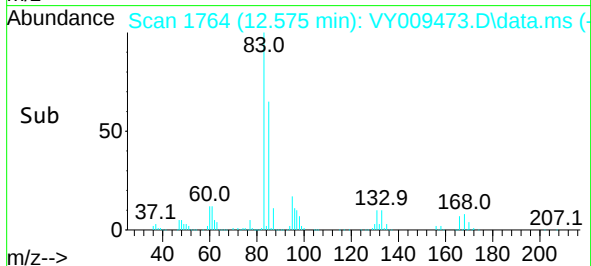
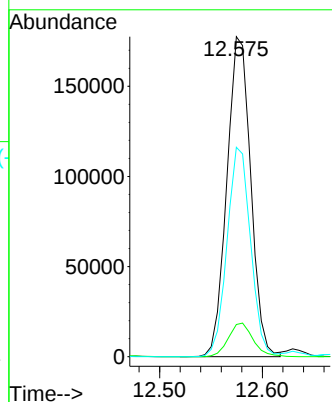
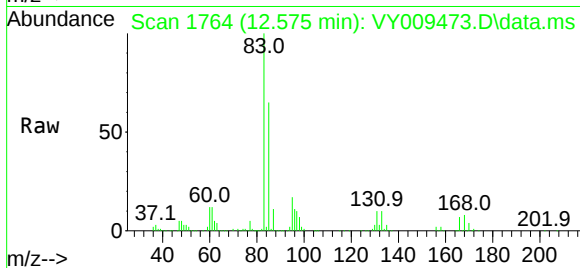




#75
 1,1,2,2-Tetrachloroethane
 Concen: 155.248 ug/l
 RT: 12.575 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: VY009473.D
 Acq: 07 Jul 2022 15:27

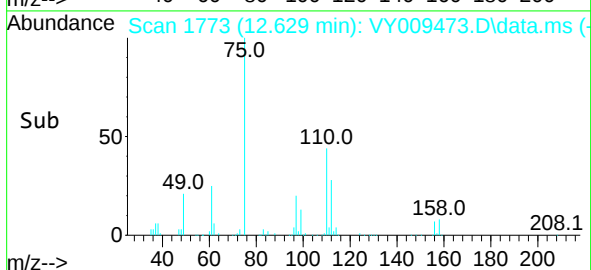
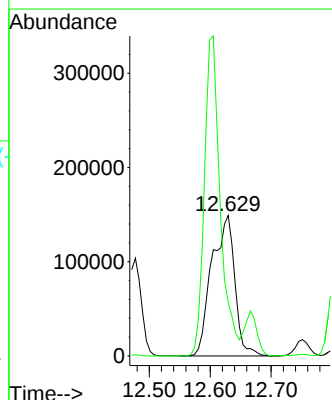
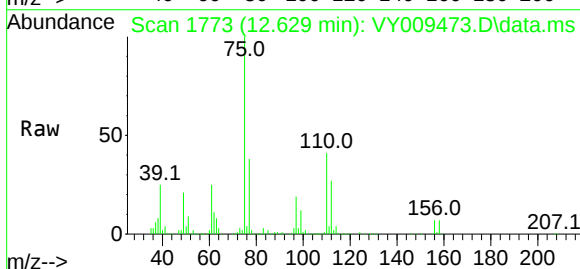
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

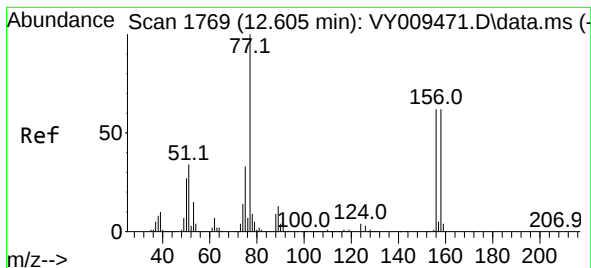
Tgt Ion: 83 Resp: 286720
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 164.555 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009473.D
 Acq: 07 Jul 2022 15:27

Tgt Ion: 75 Resp: 391436
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 152.602 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

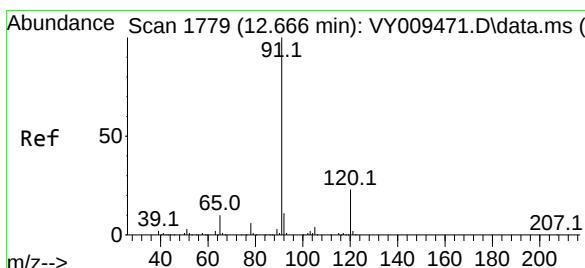
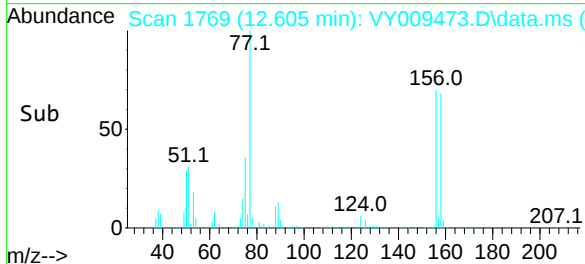
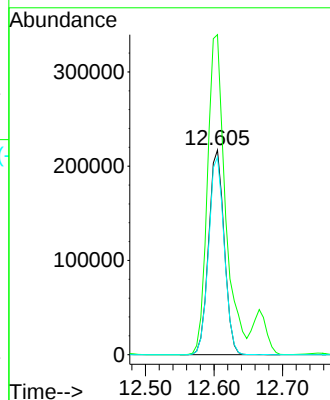
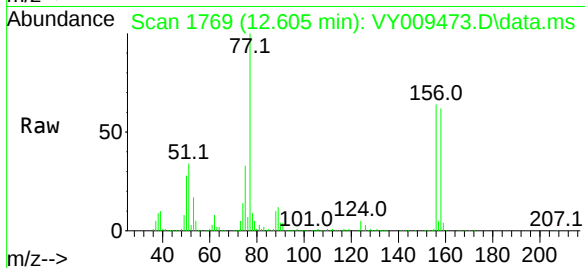
Tgt Ion:156 Resp: 342666

Ion Ratio Lower Upper

156 100

77 180.3 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 153.821 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009473.D

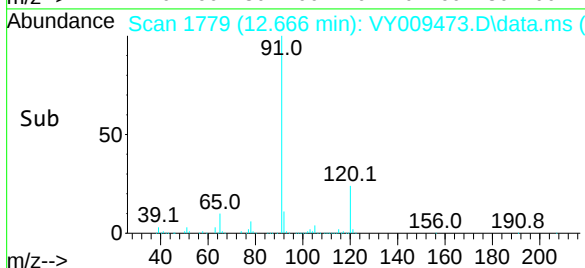
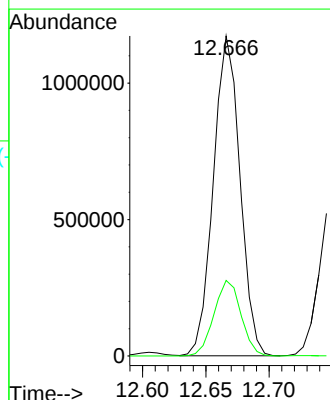
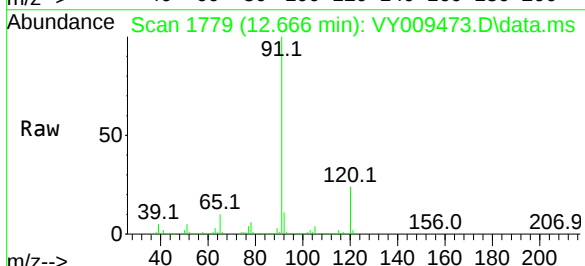
Acq: 07 Jul 2022 15:27

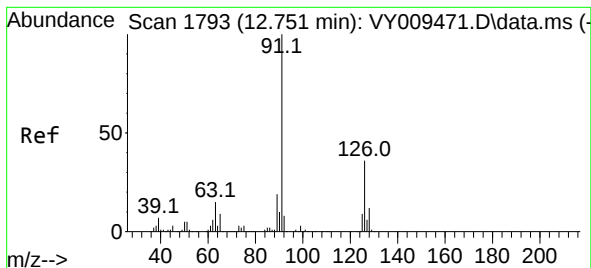
Tgt Ion: 91 Resp: 1714115

Ion Ratio Lower Upper

91 100

120 23.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 155.722 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

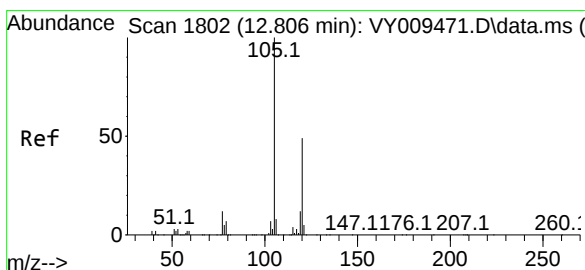
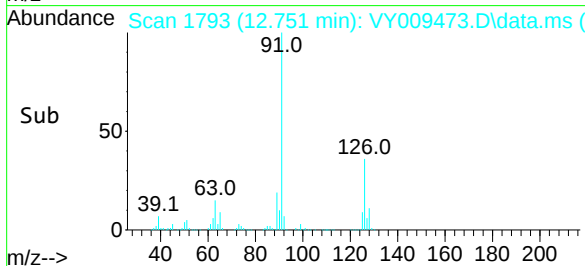
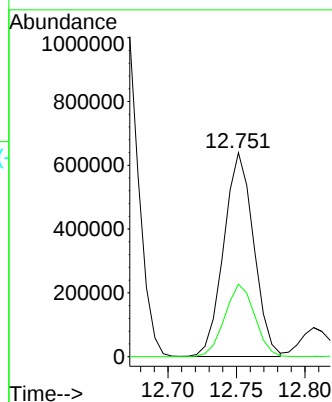
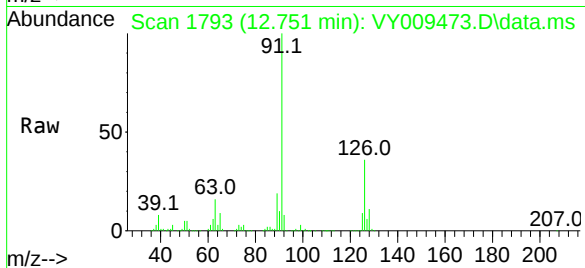
VSTDIC150

Tgt Ion: 91 Resp: 971512

Ion Ratio Lower Upper

91 100

126 35.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 154.015 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY009473.D

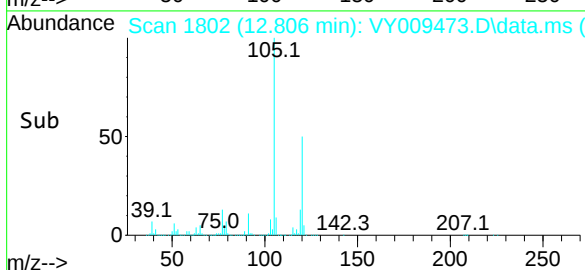
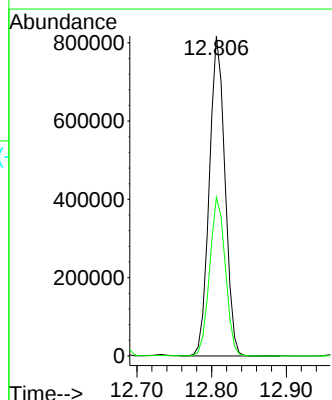
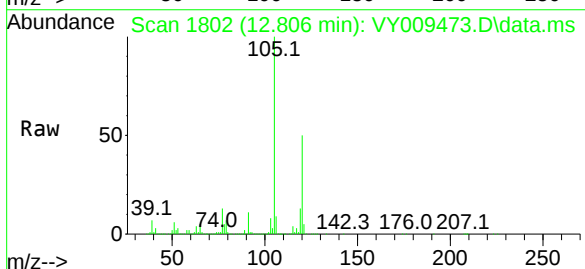
Acq: 07 Jul 2022 15:27

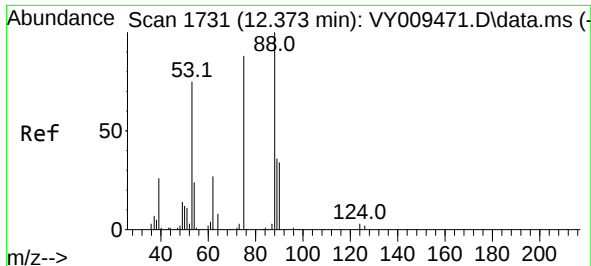
Tgt Ion: 105 Resp: 1187431

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4

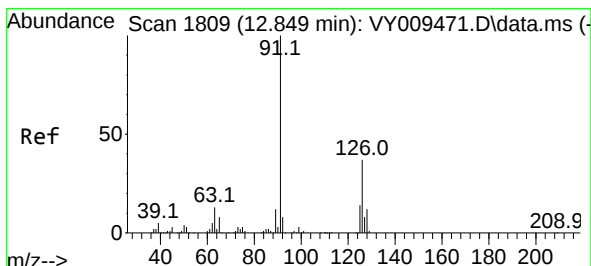
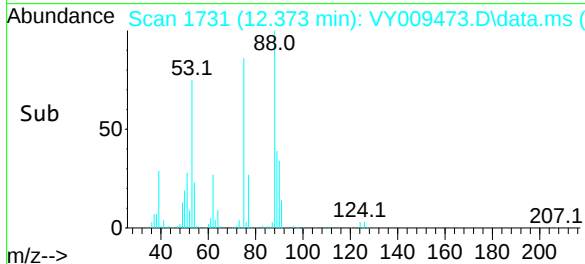
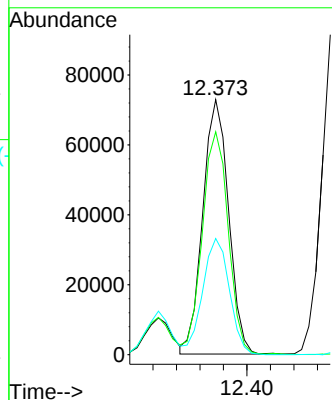
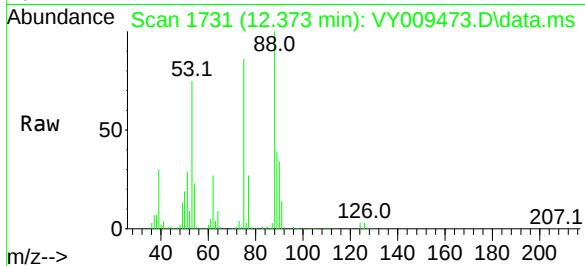




#81
trans-1,4-Dichloro-2-butene
Concen: 159.062 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

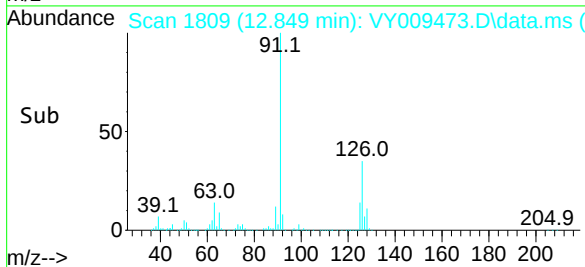
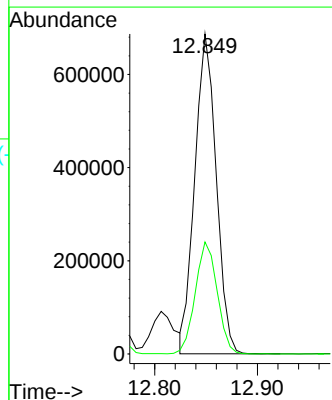
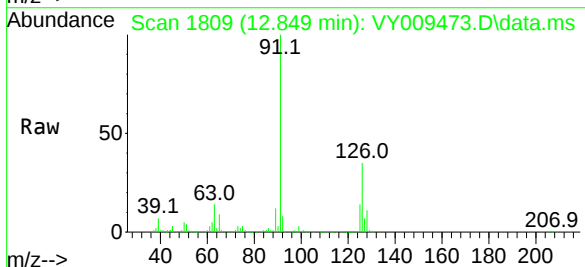
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

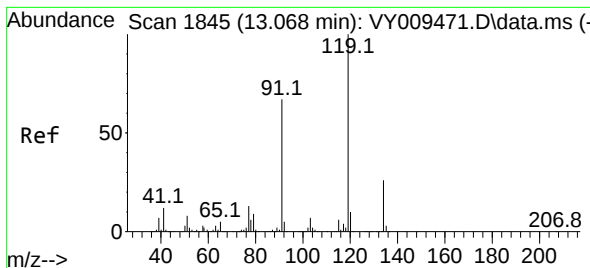
Tgt Ion: 75 Resp: 110960
Ion Ratio Lower Upper
75 100
53 87.7 85.3 127.9
89 47.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 152.181 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 91 Resp: 994983
Ion Ratio Lower Upper
91 100
126 36.0 17.0 51.0

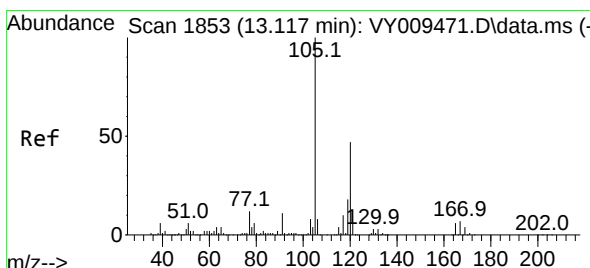
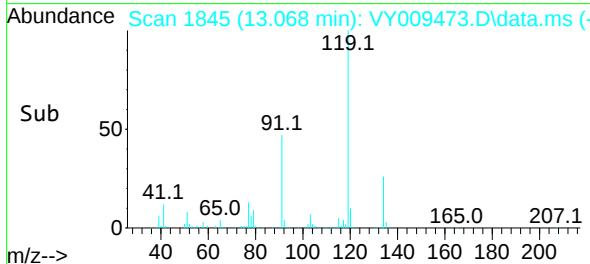
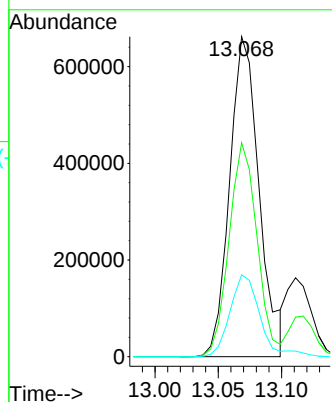
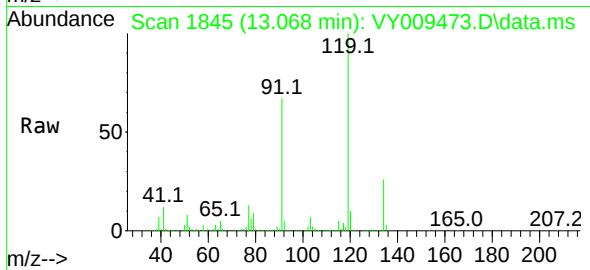




#83
tert-Butylbenzene
Concen: 156.307 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

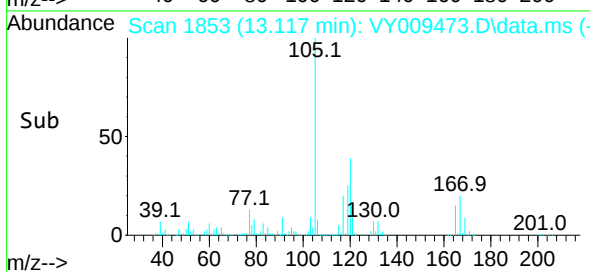
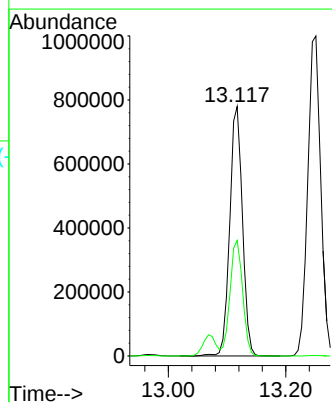
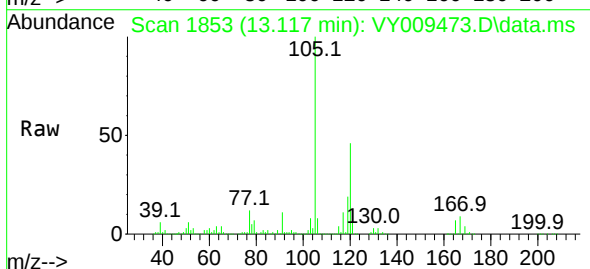
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

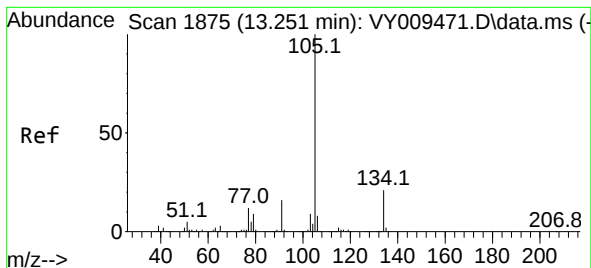
Tgt Ion:119 Resp: 1072139
Ion Ratio Lower Upper
119 100
91 63.6 34.8 104.4
134 26.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 152.459 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:105 Resp: 1169966
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 151.586 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

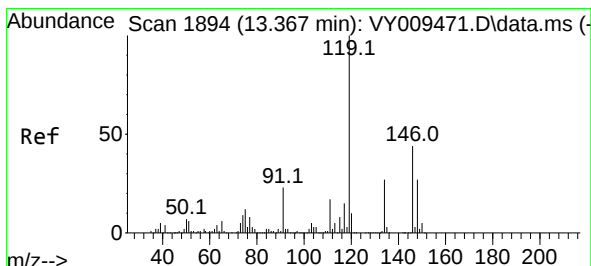
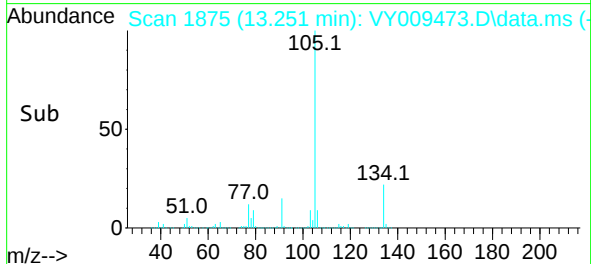
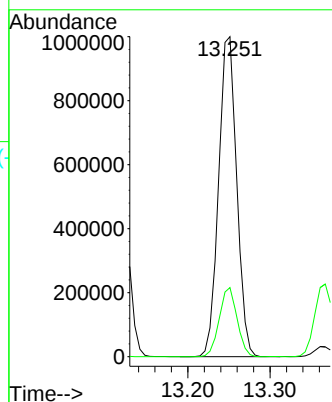
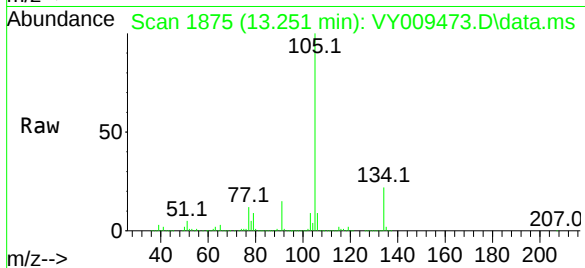
VSTDIC150

Tgt Ion:105 Resp: 1531305

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 152.204 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

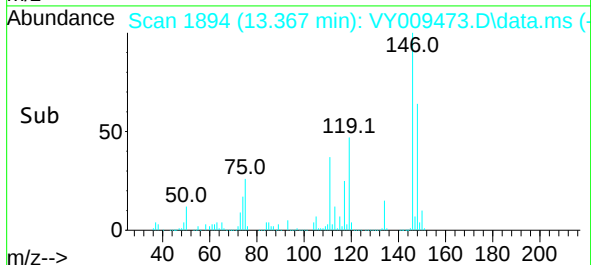
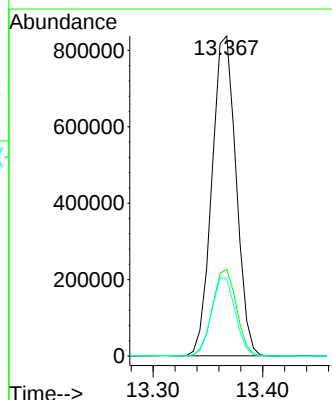
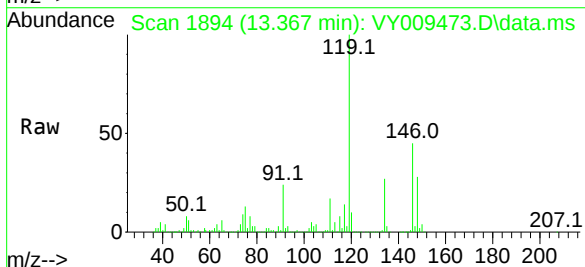
Tgt Ion:119 Resp: 1281633

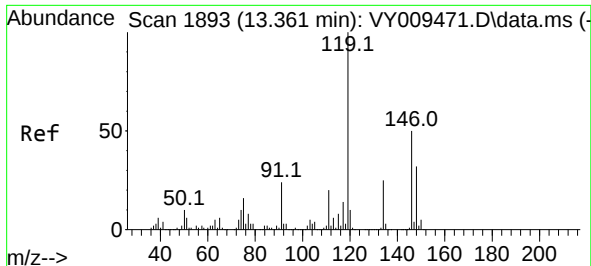
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 24.1 12.4 37.2

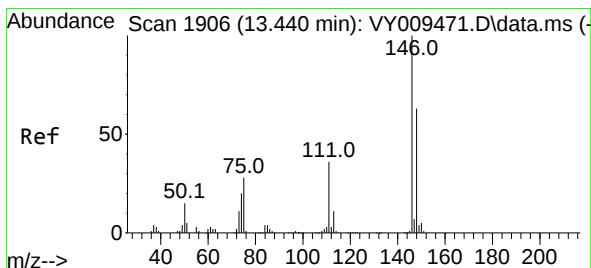
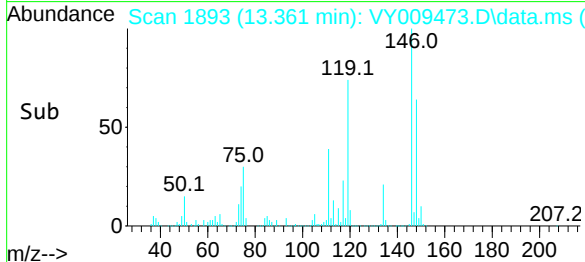
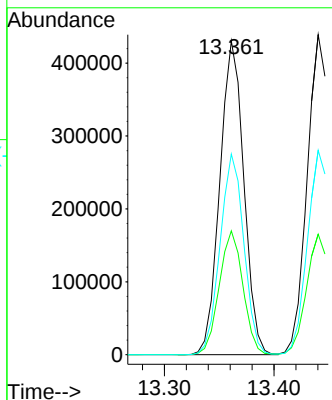
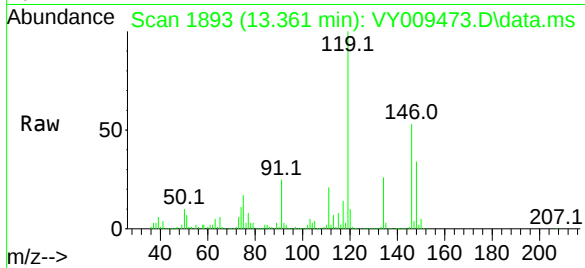




#87
1,3-Dichlorobenzene
Concen: 147.797 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

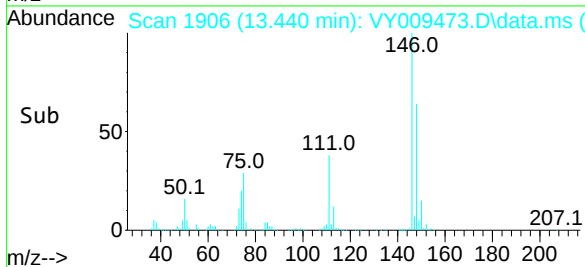
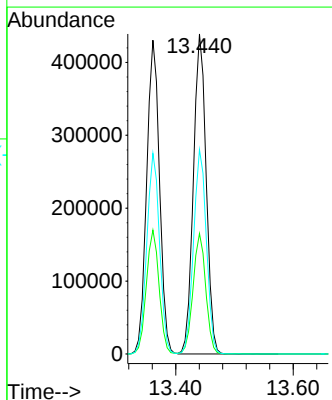
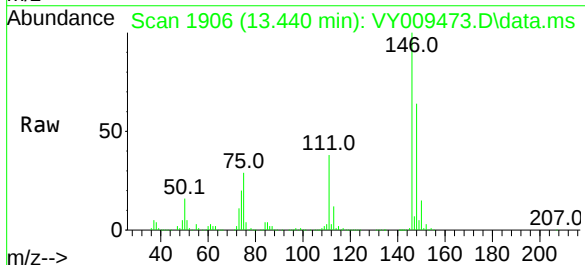
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 655109
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 63.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 147.948 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:146 Resp: 663711
Ion Ratio Lower Upper
146 100
111 37.3 19.3 57.8
148 64.0 32.6 97.8

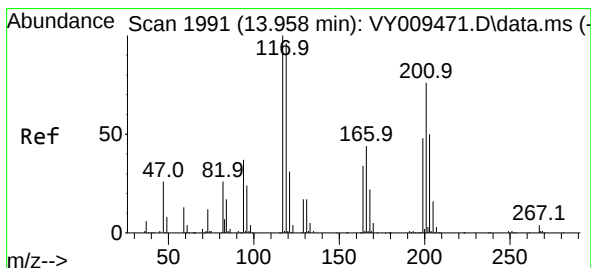
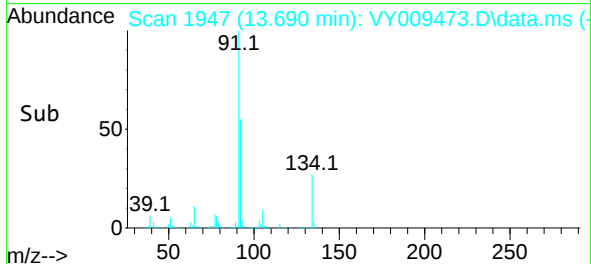
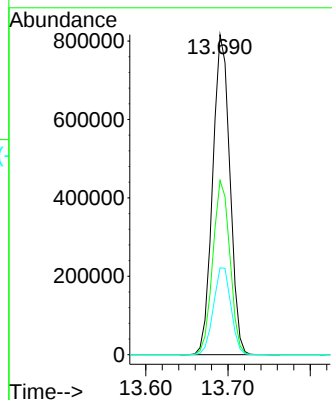
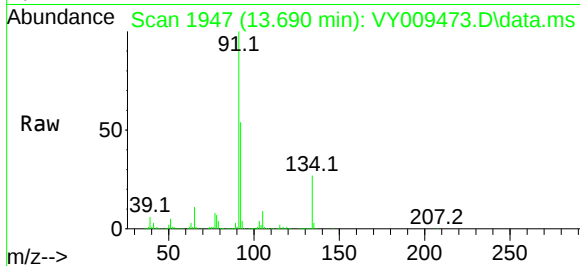




#89
n-Butylbenzene
Concen: 150.736 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

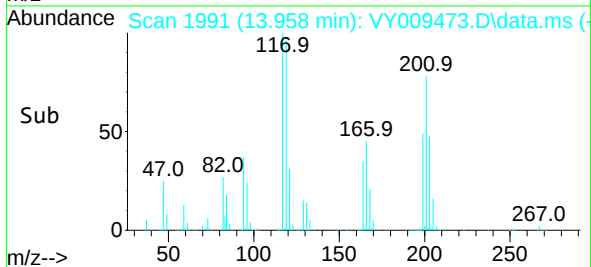
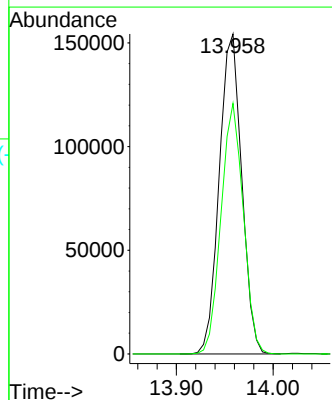
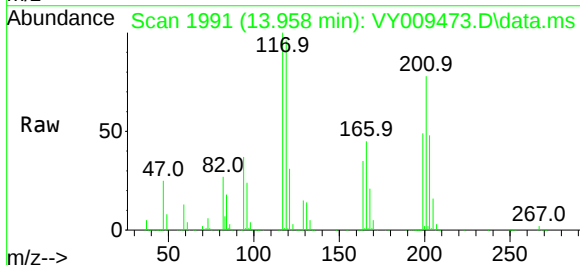
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

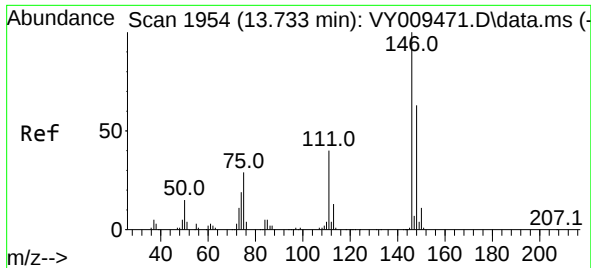
Tgt Ion: 91 Resp: 1185268
Ion Ratio Lower Upper
91 100
92 54.1 26.3 78.9
134 27.6 13.0 38.9



#90
Hexachloroethane
Concen: 150.456 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 117 Resp: 248579
Ion Ratio Lower Upper
117 100
201 77.6 43.0 128.8

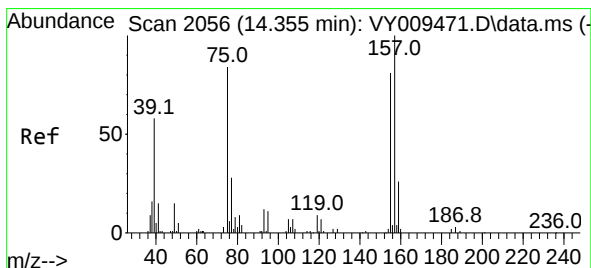
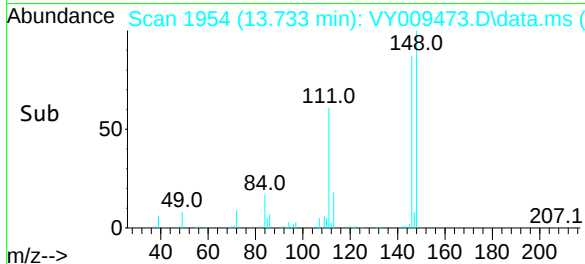
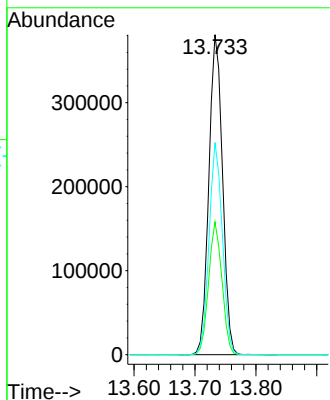
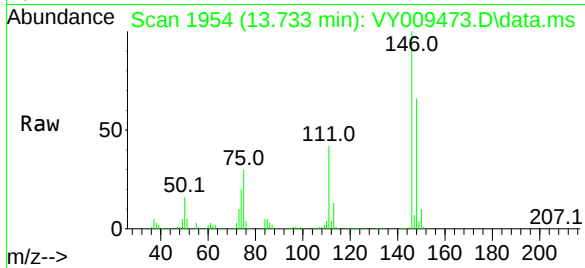




#91
1,2-Dichlorobenzene
Concen: 146.082 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

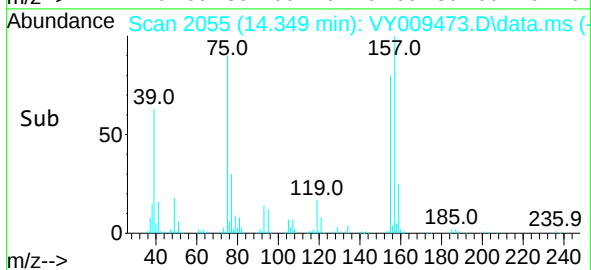
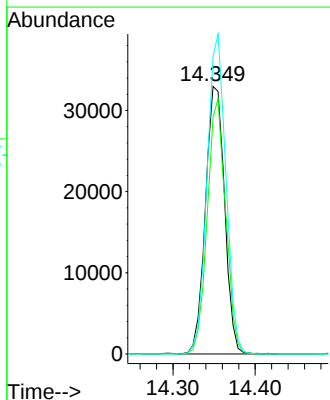
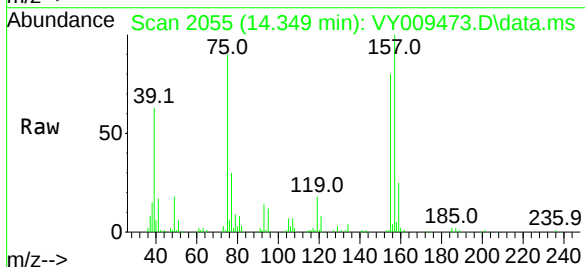
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

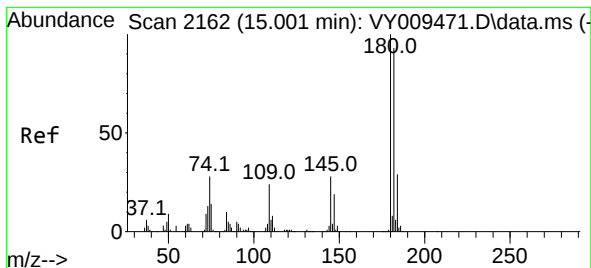
Tgt Ion:146 Resp: 593247
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 64.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 164.698 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion: 75 Resp: 53314
Ion Ratio Lower Upper
75 100
155 91.4 38.0 113.9
157 117.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 155.641 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

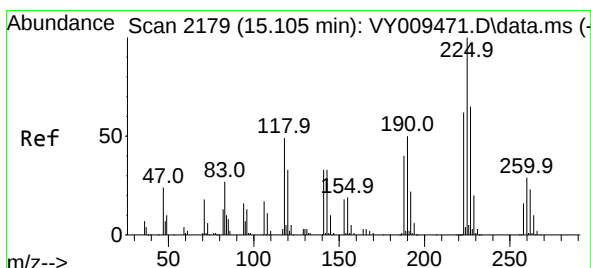
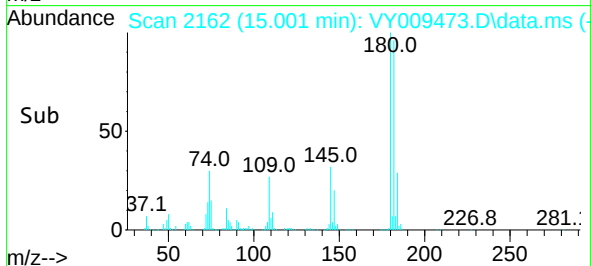
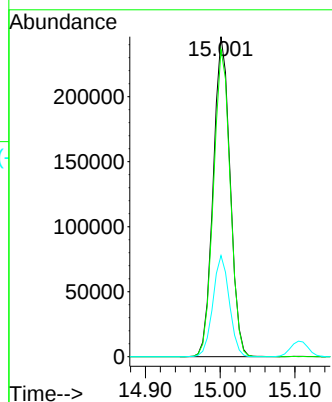
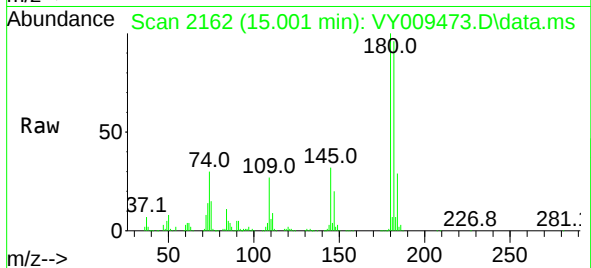
Tgt Ion:180 Resp: 385501

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 30.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 144.177 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VY009473.D

Acq: 07 Jul 2022 15:27

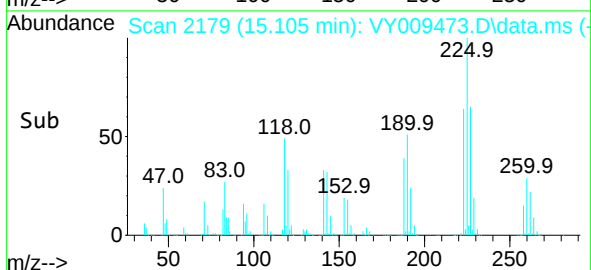
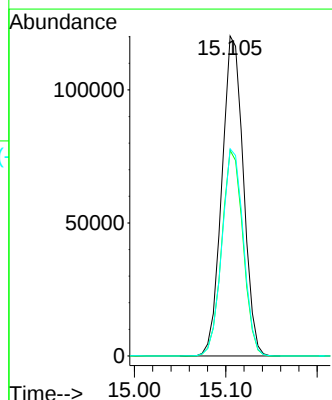
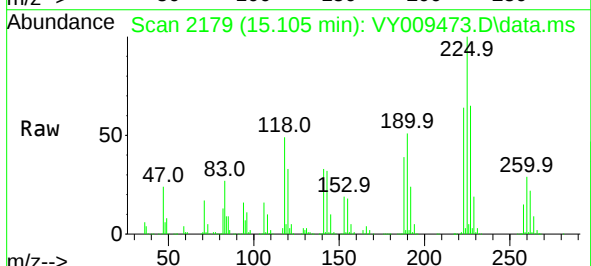
Tgt Ion:225 Resp: 196329

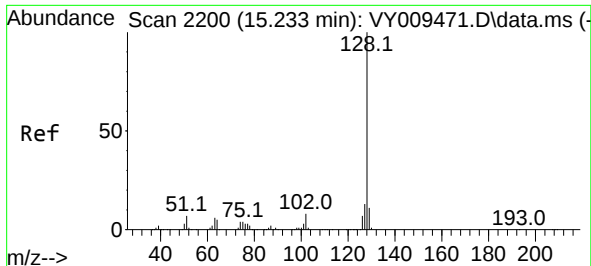
Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 64.7 31.6 94.7

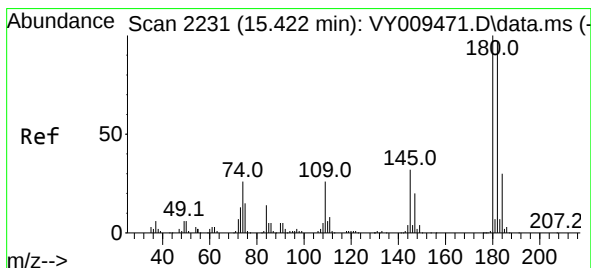
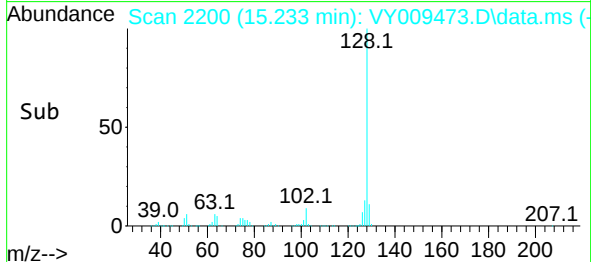
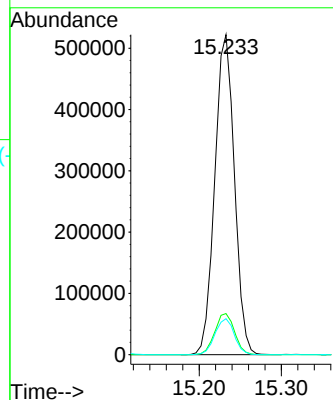
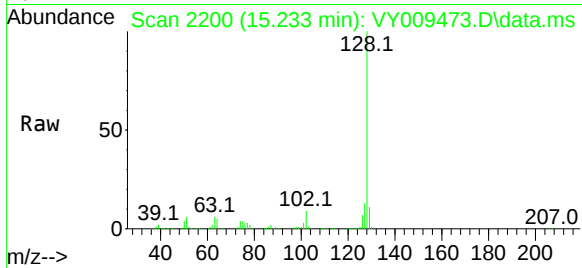




#95
Naphthalene
Concen: 169.067 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 865802
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 158.298 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY009473.D
Acq: 07 Jul 2022 15:27

Tgt Ion:180 Resp: 339588
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 32.6 15.3 45.9

