

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009254.D
 Acq On : 21 Jun 2022 13:18
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 21 13:40:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 13:33:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	181539	94.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.620%#	
35) Dibromofluoromethane	7.716	113	181960	98.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.440%#	
50) Toluene-d8	10.179	98	653395	92.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 185.660%#	
62) 4-Bromofluorobenzene	12.477	95	232456	93.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 186.160%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	120243	87.790	ug/l	98
3) Chloromethane	2.107	50	147577	86.746	ug/l	95
4) Vinyl Chloride	2.247	62	160055	89.202	ug/l	99
5) Bromomethane	2.625	94	110348	87.474	ug/l	98
6) Chloroethane	2.784	64	106319	94.413	ug/l	98
7) Trichlorofluoromethane	3.113	101	265535	92.836	ug/l	94
8) Diethyl Ether	3.528	74	106335	98.262	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	177760	100.489	ug/l	95
10) Methyl Iodide	4.082	142	239990	106.641	ug/l #	88
11) Tert butyl alcohol	4.954	59	117044	382.492	ug/l	99
12) 1,1-Dichloroethene	3.863	96	172461	100.047	ug/l	83
13) Acrolein	3.723	56	54099	744.875	ug/l	98
14) Allyl chloride	4.472	41	313007	100.471	ug/l	90
15) Acrylonitrile	5.155	53	290190	499.387	ug/l	97
16) Acetone	3.942	43	243139	506.728	ug/l #	89
17) Carbon Disulfide	4.186	76	480826	96.710	ug/l	99
18) Methyl Acetate	4.472	43	133521	83.672	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	531009	101.282	ug/l	96
20) Methylene Chloride	4.710	84	224463	90.185	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	204682	100.827	ug/l	89
22) Diisopropyl ether	6.112	45	592721	91.052	ug/l #	93
23) Vinyl Acetate	6.051	43	1977264	485.640	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	361642	98.717	ug/l	99
25) 2-Butanone	6.978	43	362662	476.148	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	327251	100.217	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	236915	98.995	ug/l	87
28) Bromochloromethane	7.332	49	148788	94.715	ug/l #	80
29) Tetrahydrofuran	7.344	42	230160	457.220	ug/l	88
30) Chloroform	7.502	83	374391	99.175	ug/l	100
31) Cyclohexane	7.777	56	310878	90.987	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	335338	101.425	ug/l	95
36) 1,1-Dichloropropene	7.911	75	280160	99.149	ug/l	96
37) Ethyl Acetate	7.070	43	158889	94.379	ug/l #	94
38) Carbon Tetrachloride	7.893	117	299744	102.314	ug/l	99
39) Methylcyclohexane	9.179	83	346034	101.301	ug/l	90
40) Benzene	8.155	78	809855	97.316	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	212957	234.025	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	235066	97.292	ug/l	92
43) Isopropyl Acetate	8.271	43	298845	95.944	ug/l #	90
44) Trichloroethene	8.935	130	231593	97.640	ug/l	99
45) 1,2-Dichloropropane	9.216	63	204143	96.614	ug/l	95
46) Dibromomethane	9.301	93	118209	97.812	ug/l	98
47) Bromodichloromethane	9.490	83	287319	99.468	ug/l	98
48) Methyl methacrylate	9.289	41	136319	98.781	ug/l #	89
49) 1,4-Dioxane	9.295	88	32789	1925.843	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	752954	460.273	ug/l	91
52) Toluene	10.240	92	501816	94.630	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	297863	98.384	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	339843	99.092	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	162360	94.787	ug/l	99
56) Ethyl methacrylate	10.508	69	230228	99.621	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	280238	96.031	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	453752	449.334	ug/l	93
59) 2-Hexanone	10.831	43	527617	469.772	ug/l	90
60) Dibromochloromethane	10.983	129	206593	98.504	ug/l	99
61) 1,2-Dibromoethane	11.087	107	163200	98.495	ug/l	99
64) Tetrachloroethene	10.715	164	230788	98.184	ug/l	98
65) Chlorobenzene	11.514	112	550545	100.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	204731	101.640	ug/l	98
67) Ethyl Benzene	11.593	91	964304	100.545	ug/l	97
68) m/p-Xylenes	11.703	106	751749	198.978	ug/l	94
69) o-Xylene	12.026	106	366466	102.100	ug/l	91
70) Styrene	12.044	104	612584	101.929	ug/l	96
71) Bromoform	12.209	173	129853	101.298	ug/l #	99
73) Isopropylbenzene	12.325	105	960247	102.092	ug/l	99
74) N-amyl acetate	12.142	43	259441	99.753	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	178240	96.320	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	248634	179.567	ug/l #	100
77) Bromobenzene	12.605	156	228185	98.981	ug/l	93
78) n-propylbenzene	12.672	91	1146890	100.855	ug/l	97
79) 2-Chlorotoluene	12.758	91	644857	100.495	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	797789	101.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	68163	98.882	ug/l	88
82) 4-Chlorotoluene	12.855	91	672251	100.479	ug/l	97
83) tert-Butylbenzene	13.075	119	704195	102.410	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	785143	101.992	ug/l	98
85) sec-Butylbenzene	13.251	105	1040910	101.840	ug/l	98
86) p-Isopropyltoluene	13.367	119	874252	103.112	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	442898	99.714	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	441241	98.047	ug/l	99
89) n-Butylbenzene	13.696	91	806552	100.811	ug/l	98
90) Hexachloroethane	13.959	117	162451	101.135	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	397747	99.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31831	96.797	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	249921	99.574	ug/l	99
94) Hexachlorobutadiene	15.111	225	131728	95.450	ug/l	99
95) Naphthalene	15.233	128	532042	102.192	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	218912	99.810	ug/l	99

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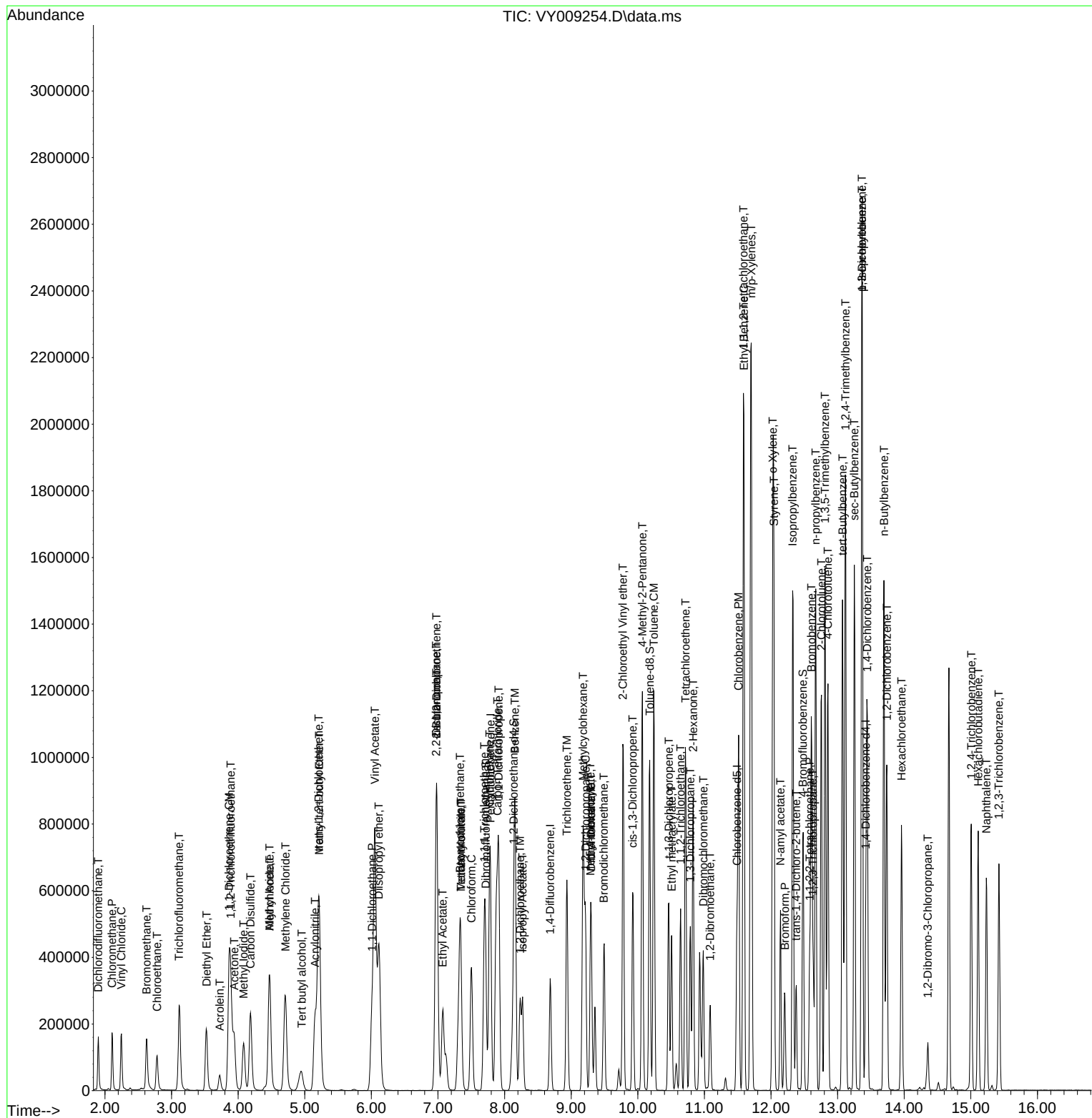
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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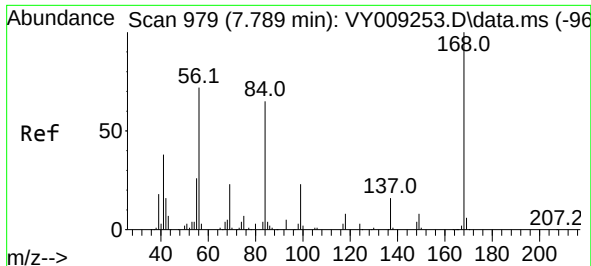
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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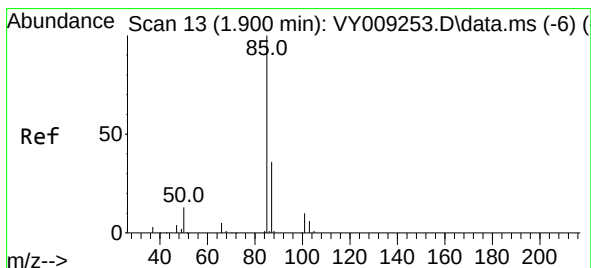
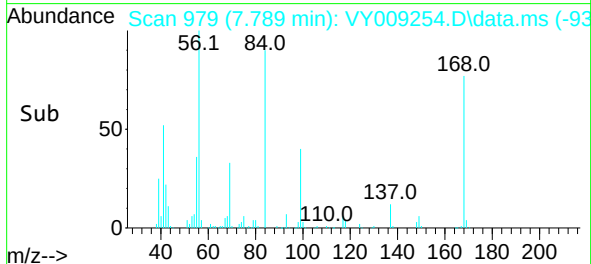
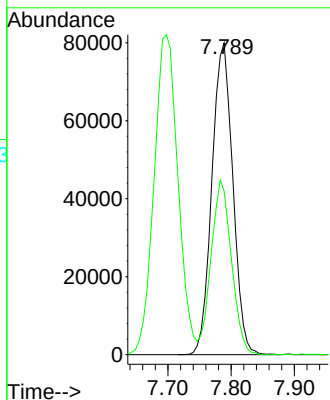
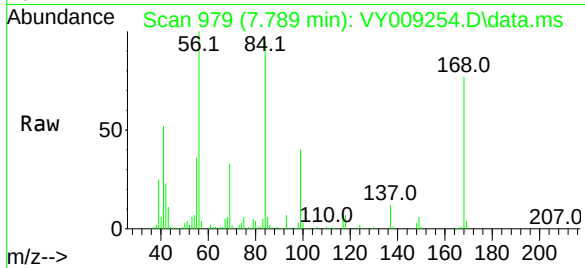




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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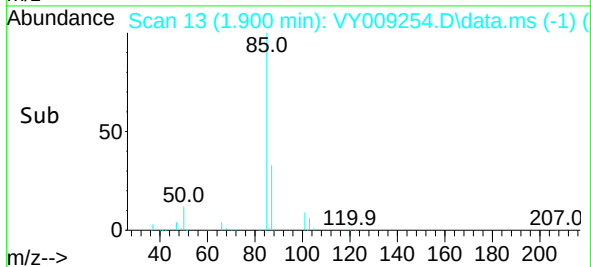
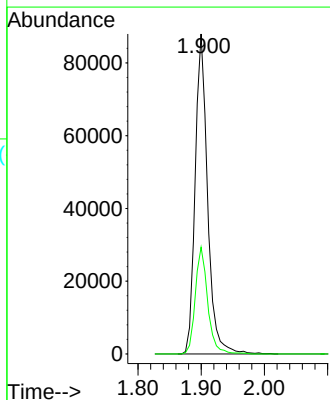
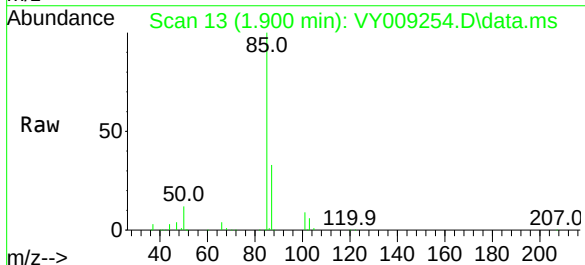
Instrument :
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VSTDIC100

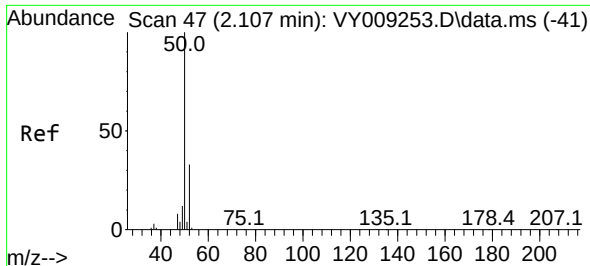
Tgt Ion:168 Resp: 183204
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 87.790 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 85 Resp: 120243
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2

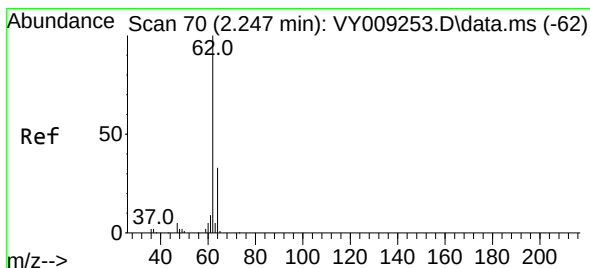
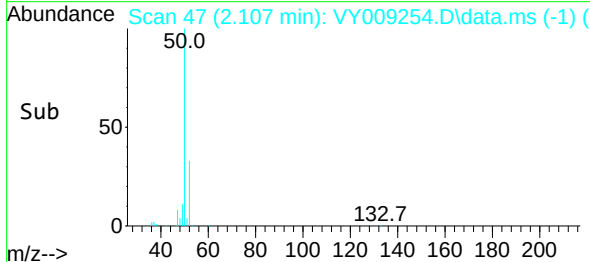
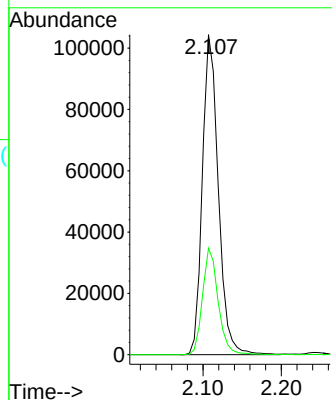
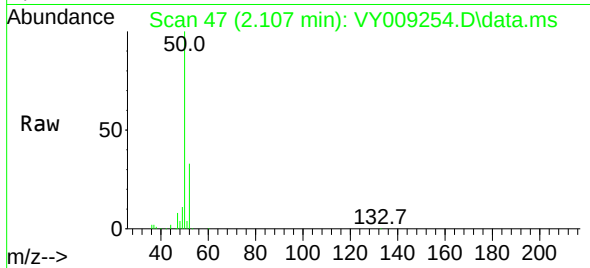




#3
Chloromethane
Concen: 86.746 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

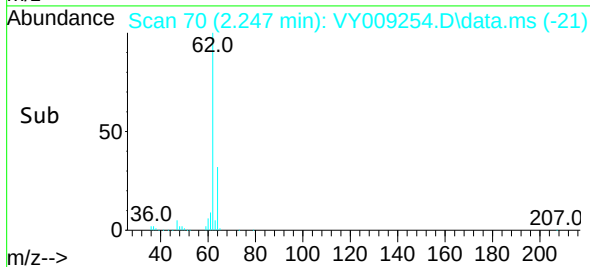
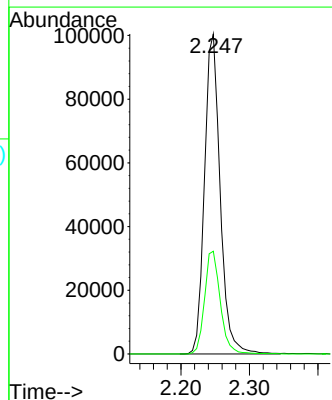
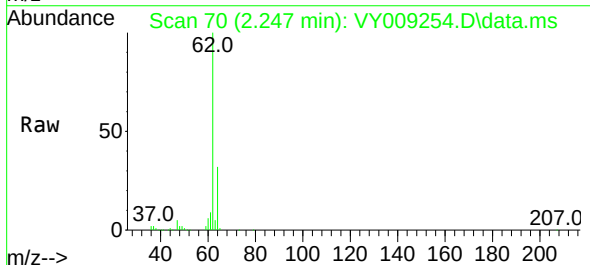
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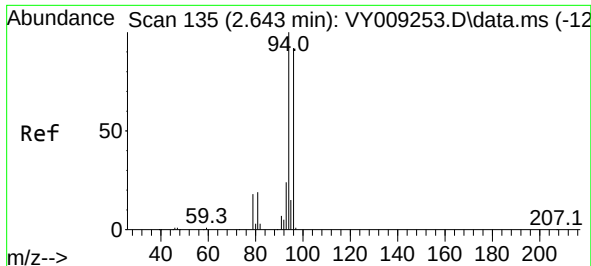
Tgt Ion: 50 Resp: 147577
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 89.202 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 62 Resp: 160055
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

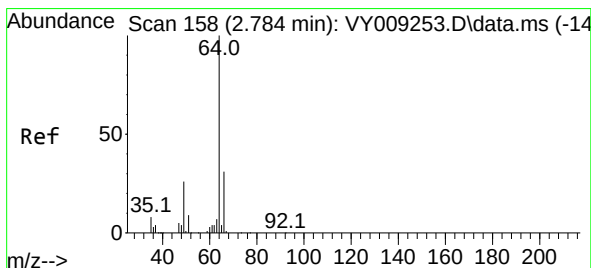
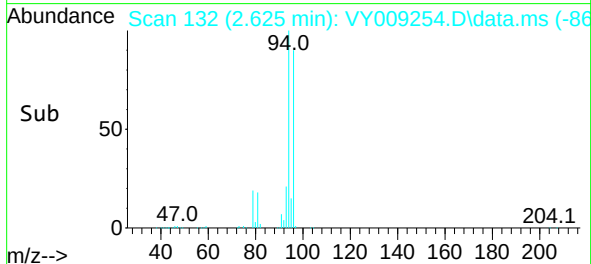
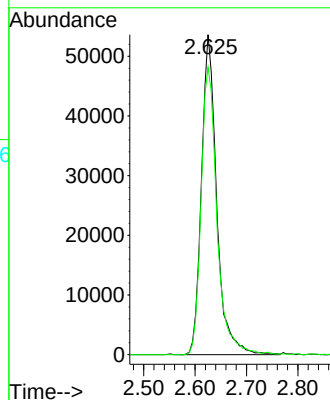
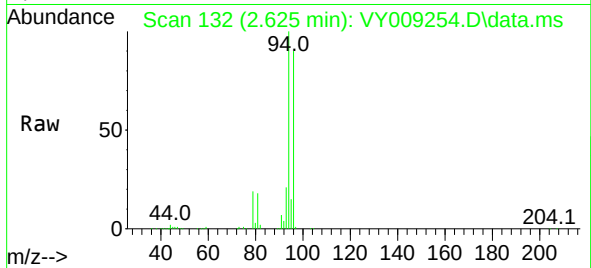




#5
Bromomethane
Concen: 87.474 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009254.D
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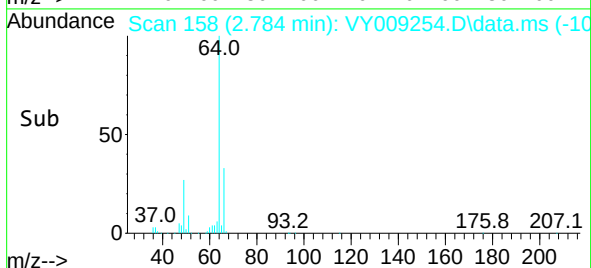
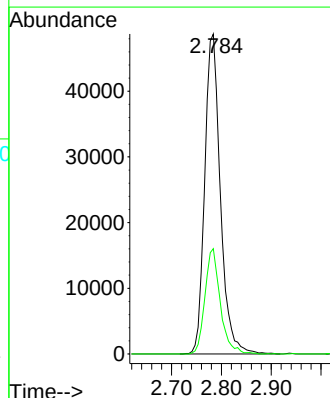
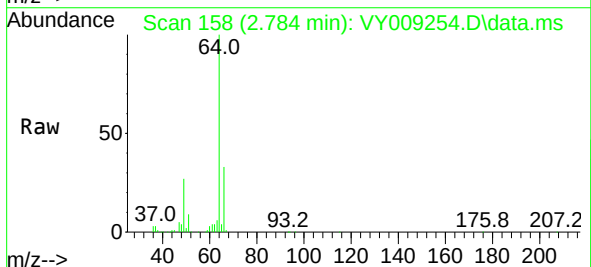
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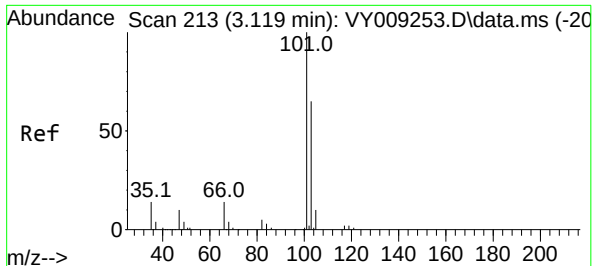
Tgt Ion: 94 Resp: 110348
Ion Ratio Lower Upper
94 100
96 89.8 73.5 110.3



#6
Chloroethane
Concen: 94.413 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009254.D
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Tgt Ion: 64 Resp: 106319
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.0

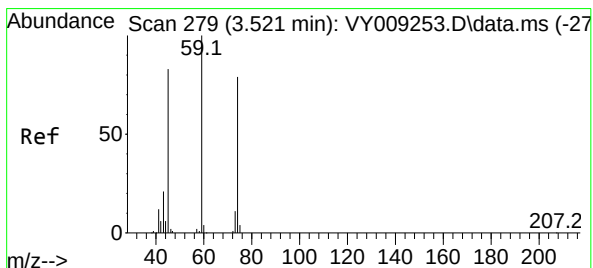
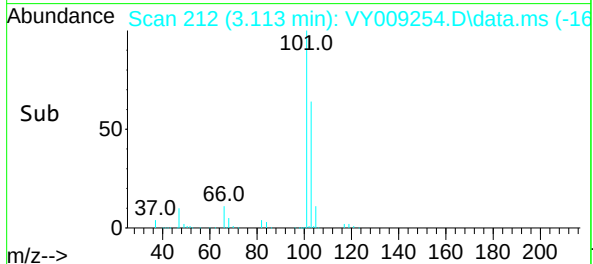
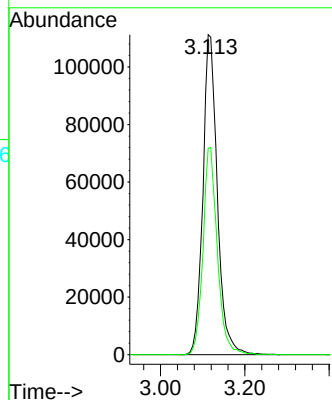
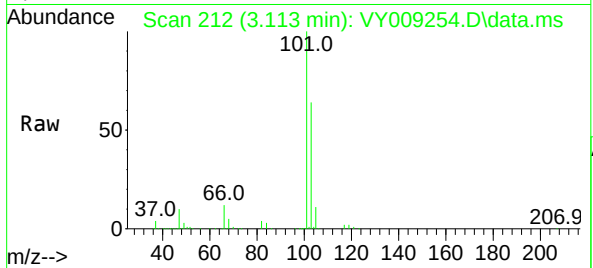




#7
Trichlorofluoromethane
Concen: 92.836 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

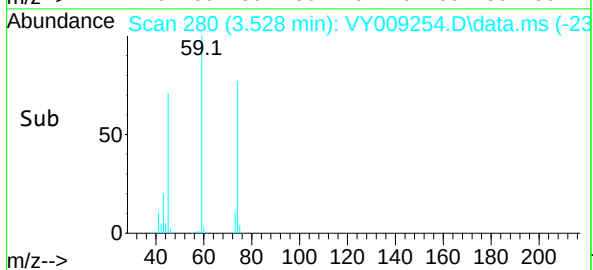
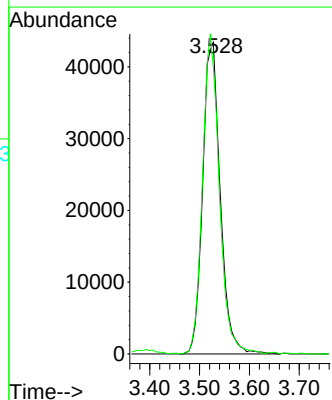
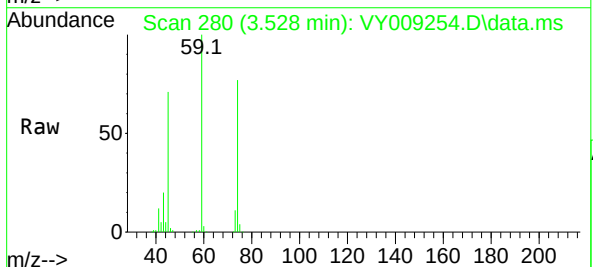
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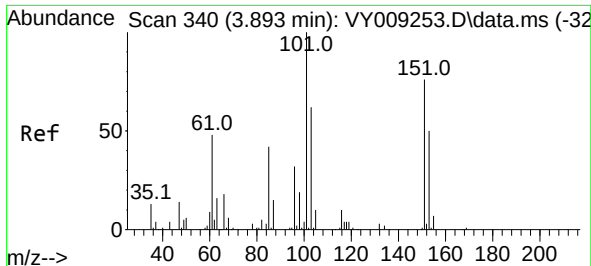
Tgt Ion:101 Resp: 265535
Ion Ratio Lower Upper
101 100
103 64.5 48.0 72.0



#8
Diethyl Ether
Concen: 98.262 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY009254.D
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Tgt Ion: 74 Resp: 106335
Ion Ratio Lower Upper
74 100
45 98.5 55.1 165.5

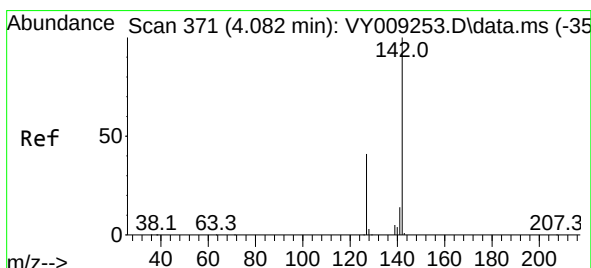
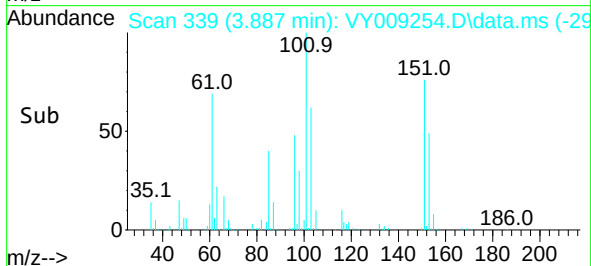
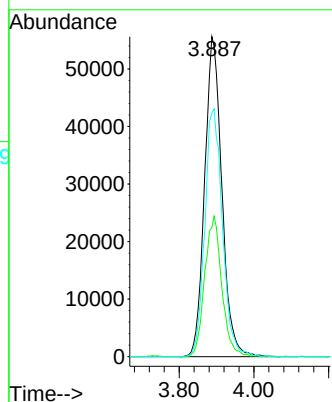
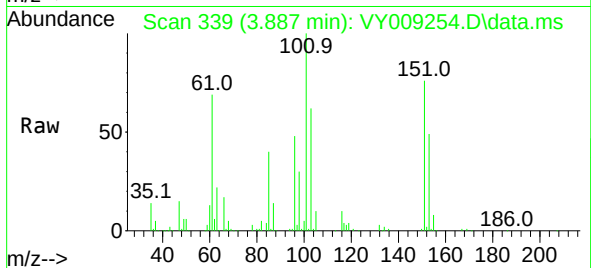




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.489 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

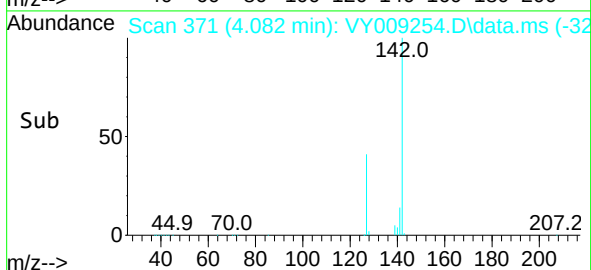
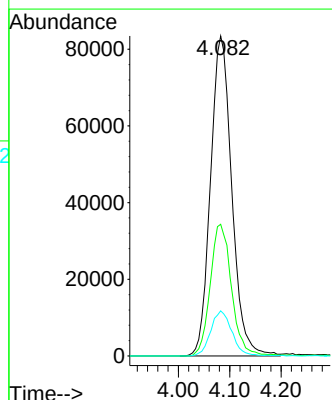
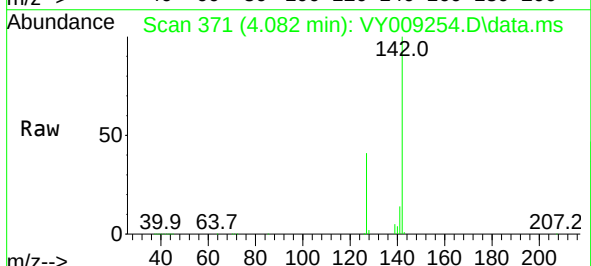
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

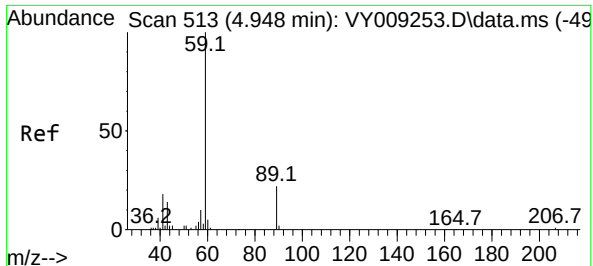
Tgt Ion:101 Resp: 177760
Ion Ratio Lower Upper
101 100
85 43.6 40.6 60.8
151 79.5 64.9 97.3



#10
Methyl Iodide
Concen: 106.641 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion:142 Resp: 239990
Ion Ratio Lower Upper
142 100
127 41.1 41.5 62.3#
141 14.1 11.9 17.9

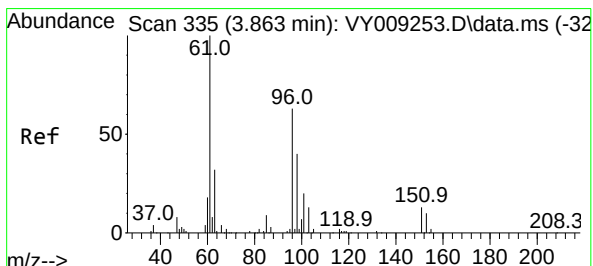
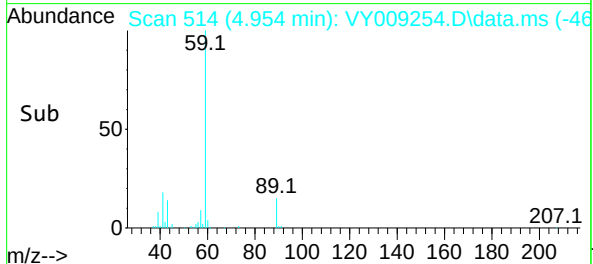
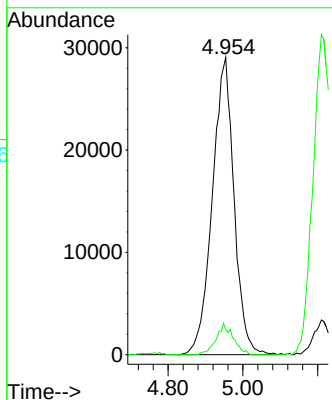
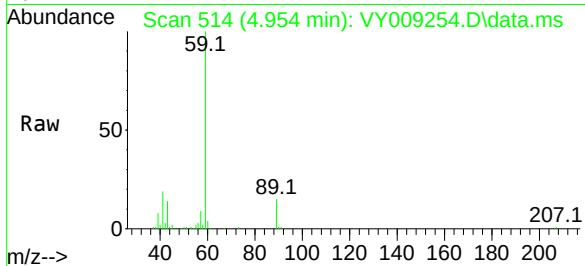




#11
Tert butyl alcohol
Concen: 382.492 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

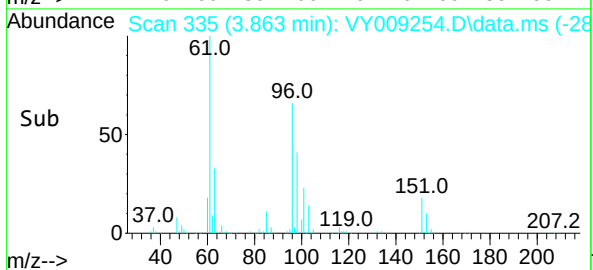
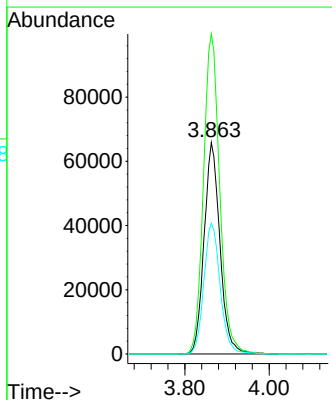
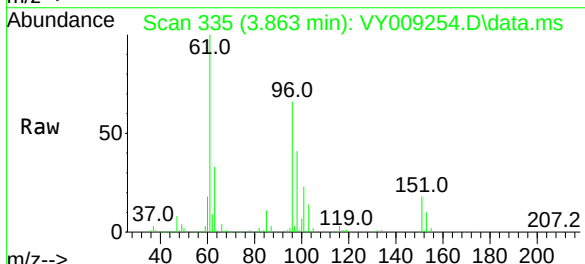
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

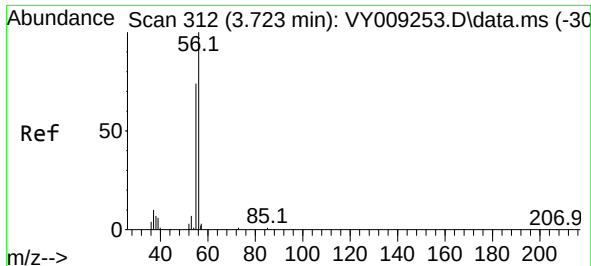
Tgt Ion: 59 Resp: 117044
Ion Ratio Lower Upper
59 100
57 8.2 6.4 9.6



#12
1,1-Dichloroethene
Concen: 100.047 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 96 Resp: 172461
Ion Ratio Lower Upper
96 100
61 151.2 145.8 218.6
98 61.7 52.5 78.7

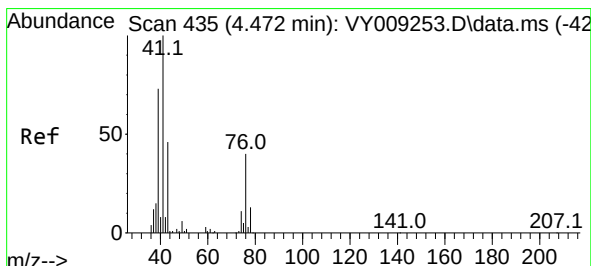
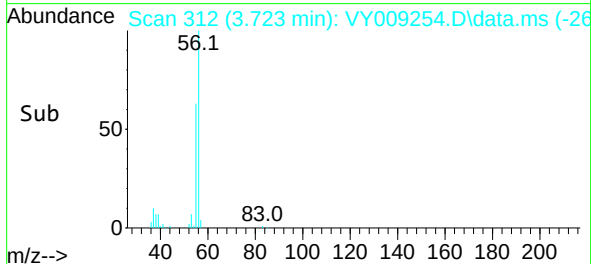
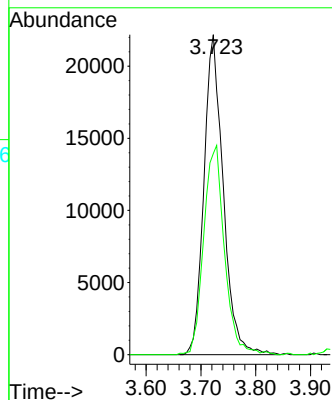
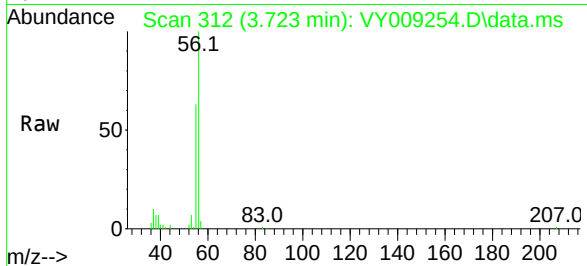




#13
Acrolein
Concen: 744.875 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

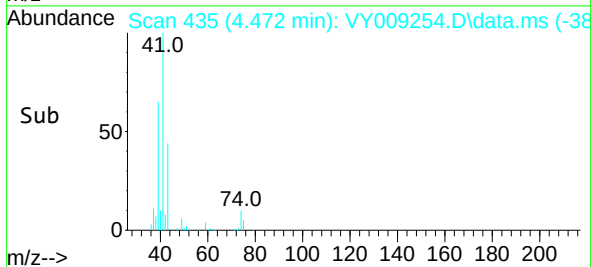
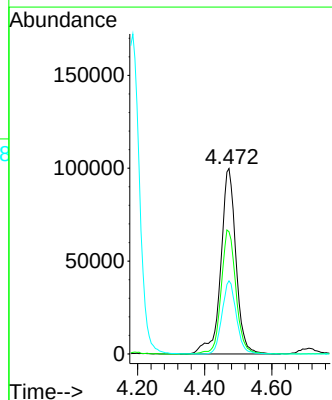
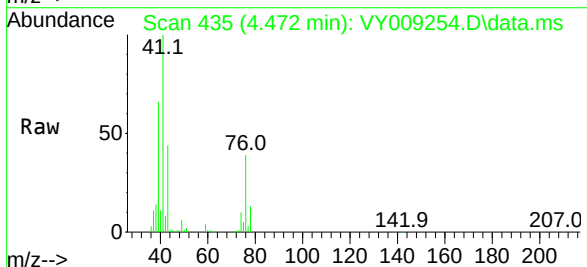
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

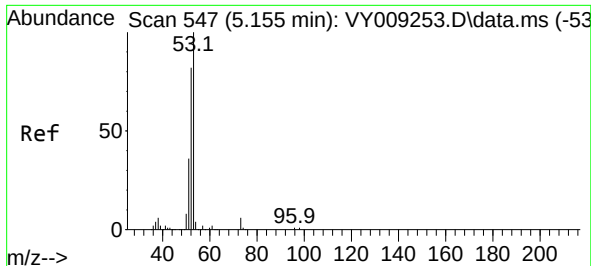
Tgt Ion: 56 Resp: 54099
Ion Ratio Lower Upper
56 100
55 70.6 57.6 86.4



#14
Allyl chloride
Concen: 100.471 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 41 Resp: 313007
Ion Ratio Lower Upper
41 100
39 65.0 58.8 88.2
76 37.2 25.1 37.7

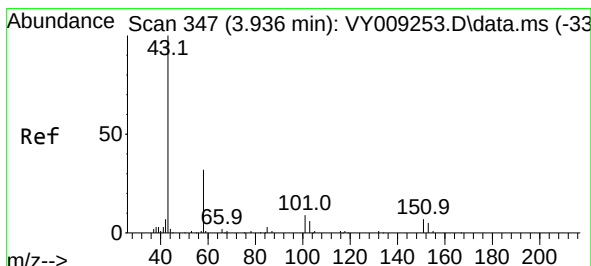
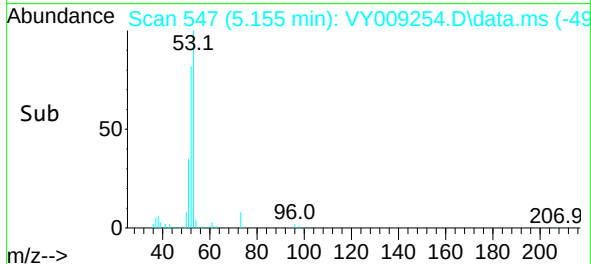
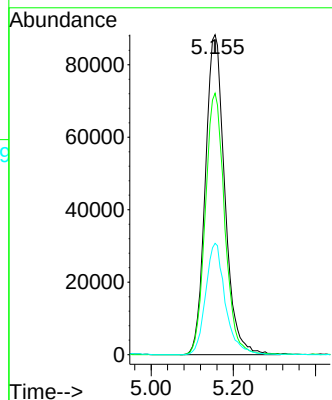
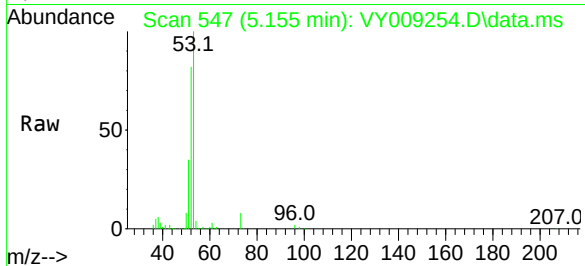




#15
Acrylonitrile
Concen: 499.387 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

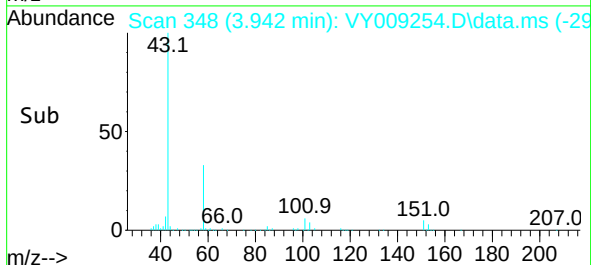
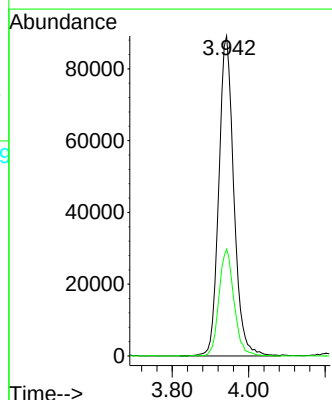
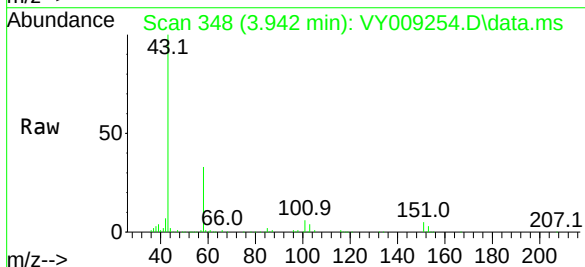
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

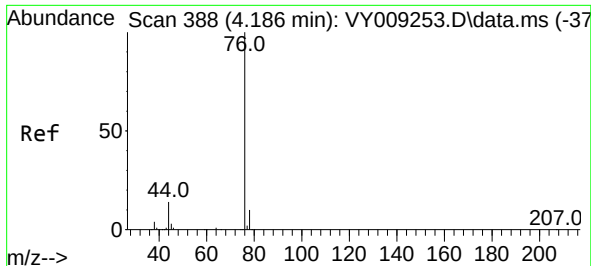
Tgt Ion: 53 Resp: 290190
Ion Ratio Lower Upper
53 100
52 81.3 67.0 100.4
51 35.3 29.8 44.6



#16
Acetone
Concen: 506.728 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 43 Resp: 243139
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#

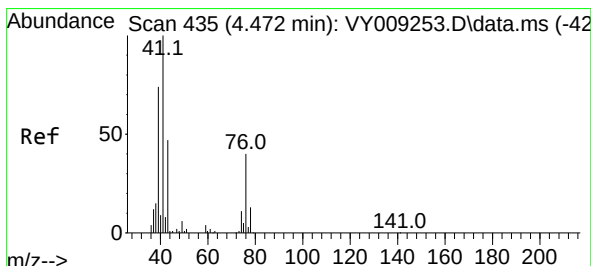
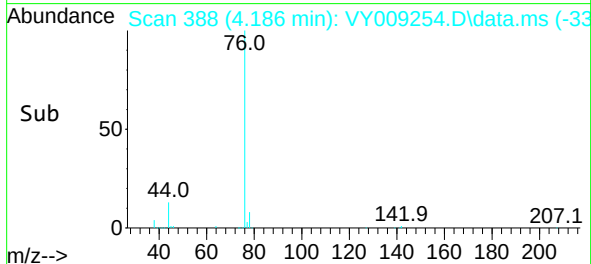
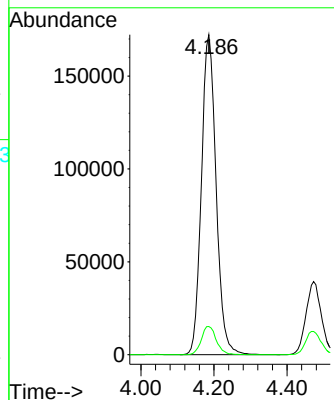
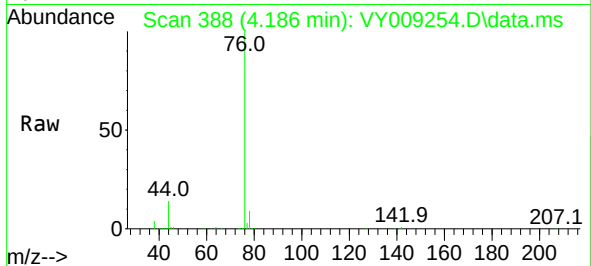




#17
Carbon Disulfide
Concen: 96.710 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

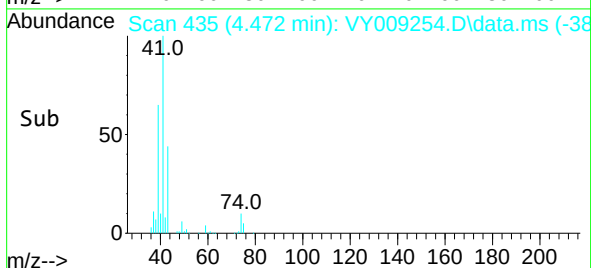
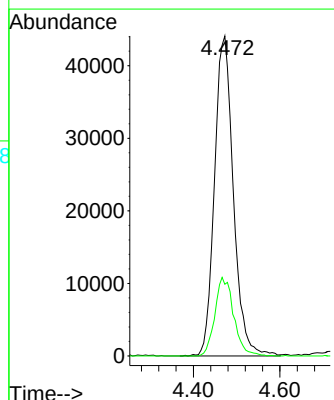
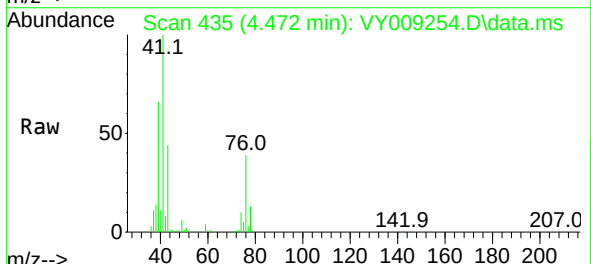
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

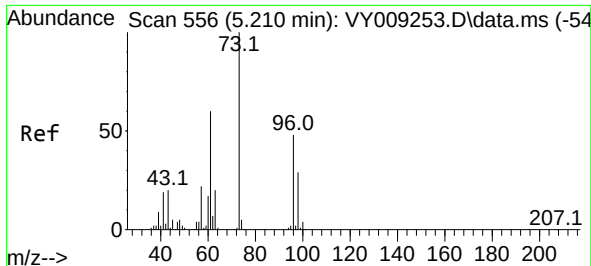
Tgt Ion: 76 Resp: 480826
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 83.672 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 43 Resp: 133521
Ion Ratio Lower Upper
43 100
74 24.5 16.6 24.8

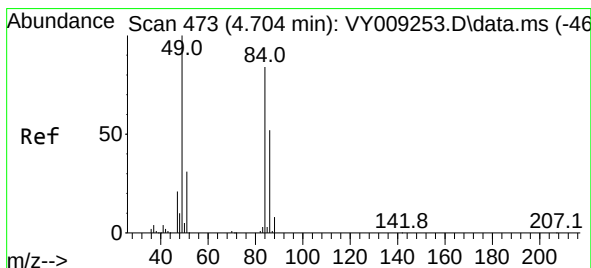
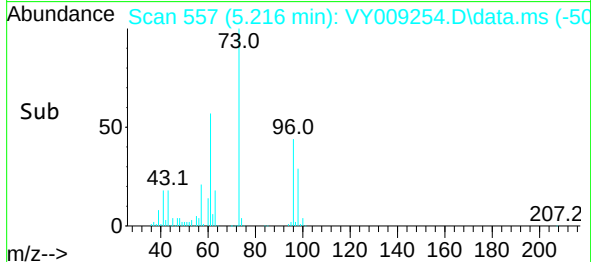
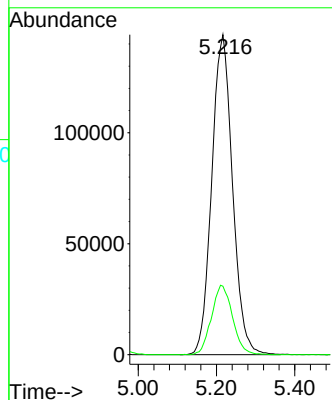
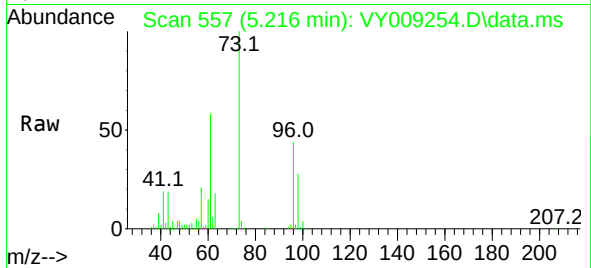




#19
Methyl tert-butyl Ether
Concen: 101.282 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

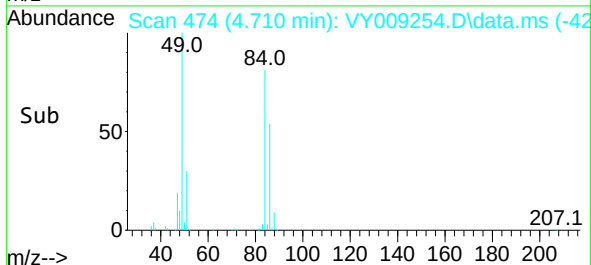
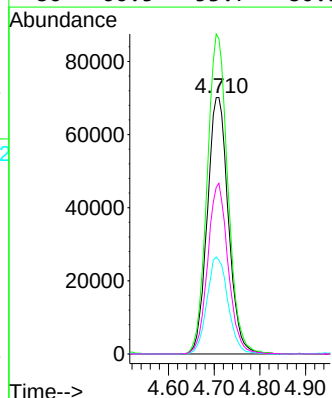
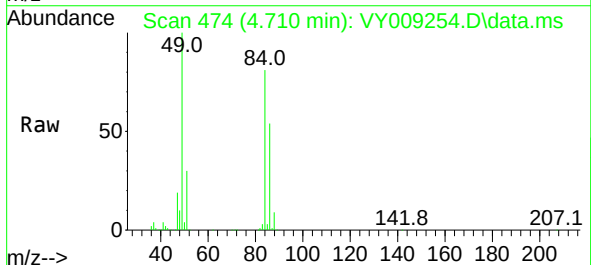
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

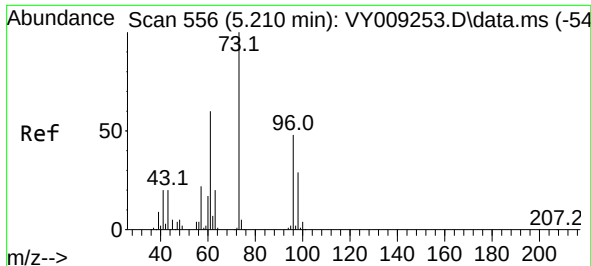
Tgt Ion: 73 Resp: 531009
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 90.185 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 84 Resp: 224463
Ion Ratio Lower Upper
84 100
49 122.9 114.4 171.6
51 36.5 35.3 52.9
86 66.5 53.7 80.5

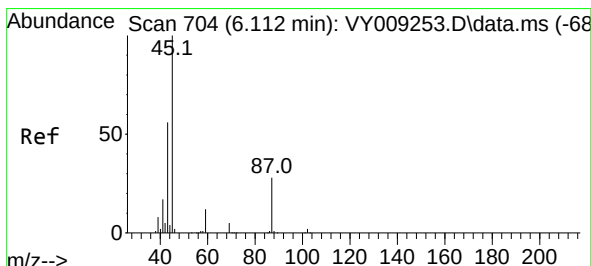
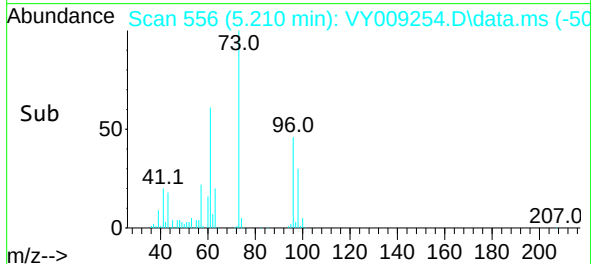
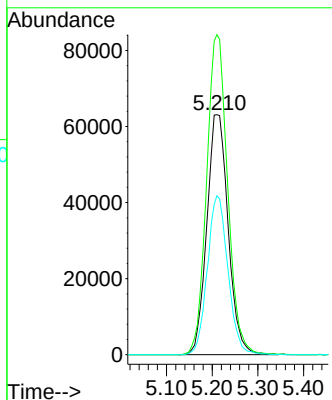
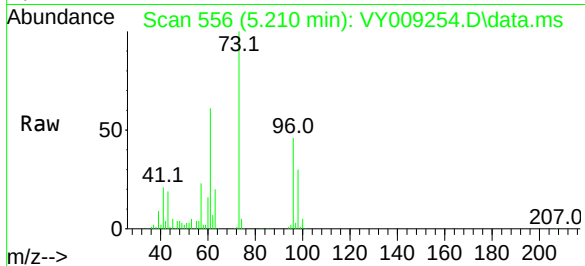




#21
trans-1,2-Dichloroethene
Concen: 100.827 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

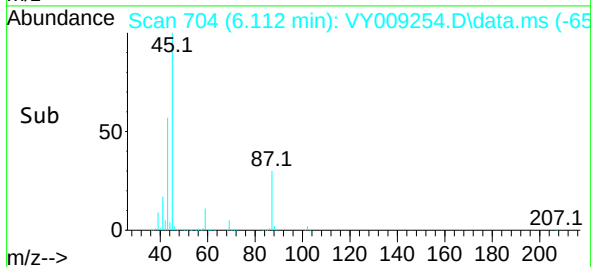
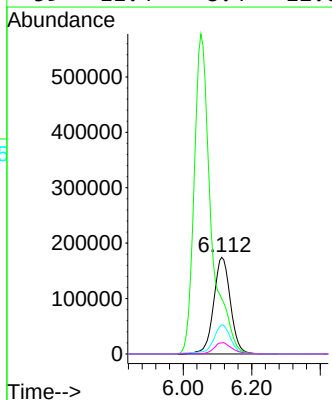
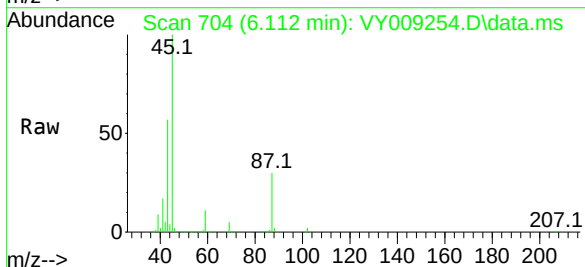
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

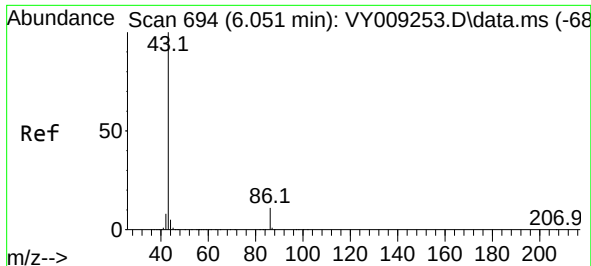
Tgt Ion: 96 Resp: 204682
Ion Ratio Lower Upper
96 100
61 133.3 120.5 180.7
98 66.2 49.8 74.8



#22
Diisopropyl ether
Concen: 91.052 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 45 Resp: 592721
Ion Ratio Lower Upper
45 100
43 57.0 49.3 73.9
87 30.3 19.2 28.8#
59 11.4 8.4 12.6

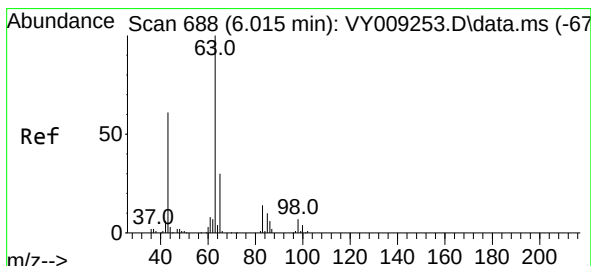
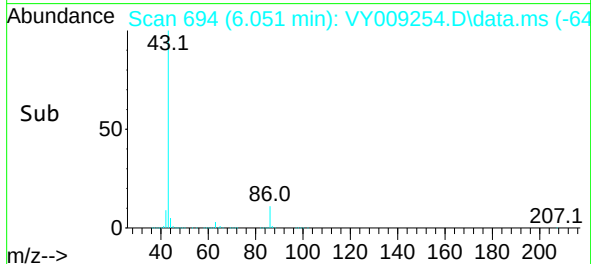
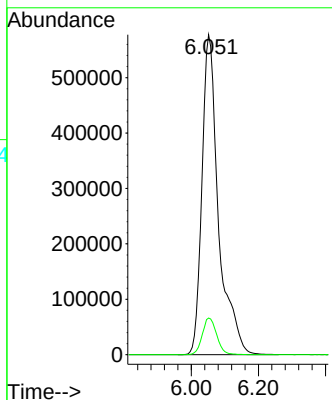
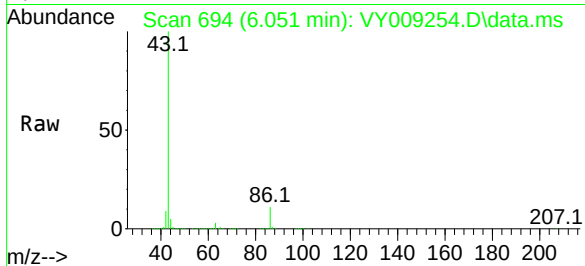




#23
 Vinyl Acetate
 Concen: 485.640 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009254.D
 Acq: 21 Jun 2022 13:18

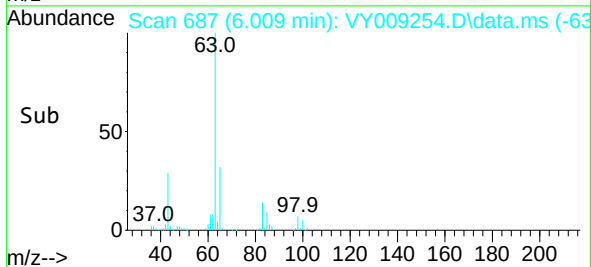
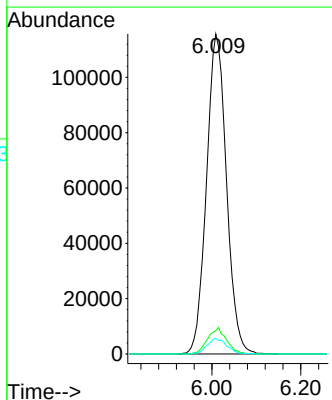
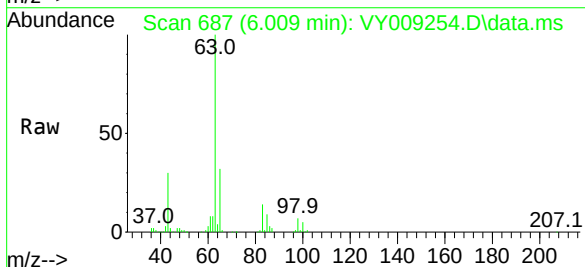
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

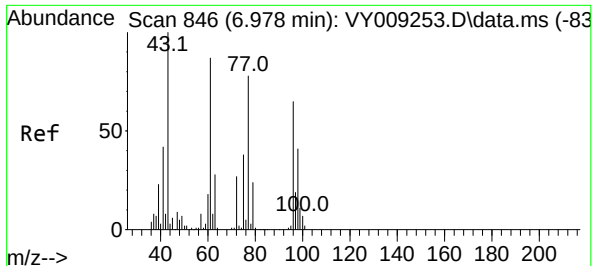
Tgt Ion: 43 Resp: 1977264
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 98.717 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009254.D
 Acq: 21 Jun 2022 13:18

Tgt Ion: 63 Resp: 361642
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.9 2.0 5.8

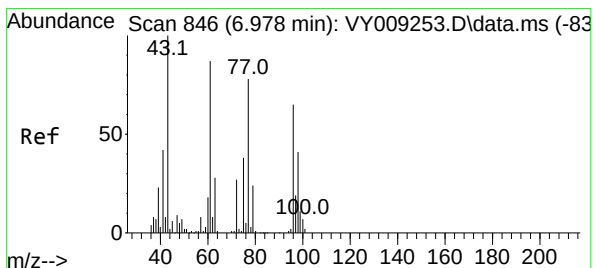
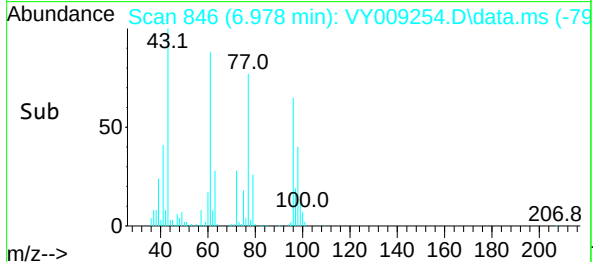
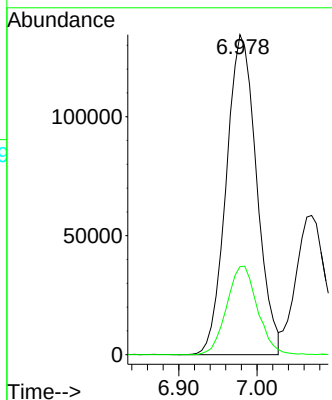
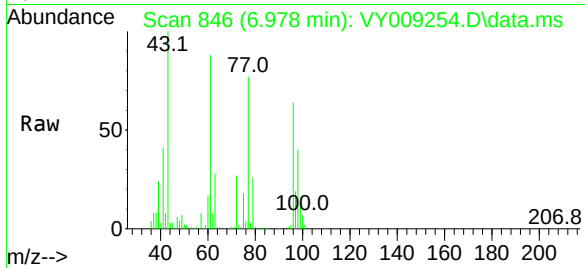




#25
2-Butanone
Concen: 476.148 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

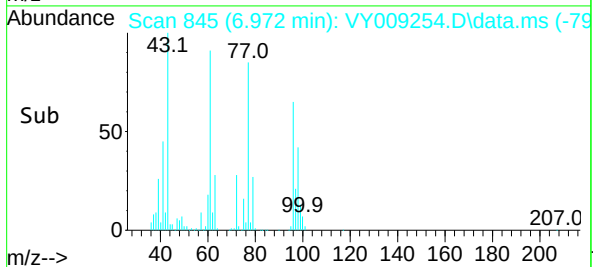
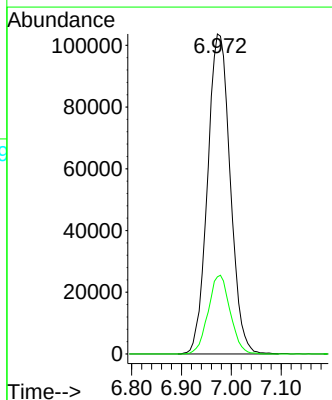
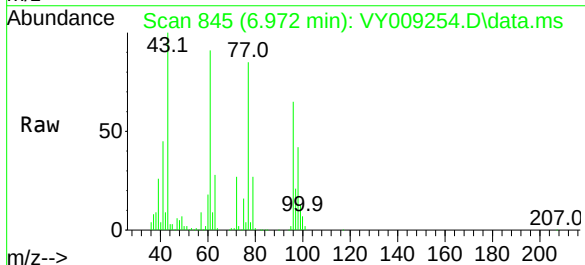
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MSVOA_Y
ClientSampleId :
VSTDICC100

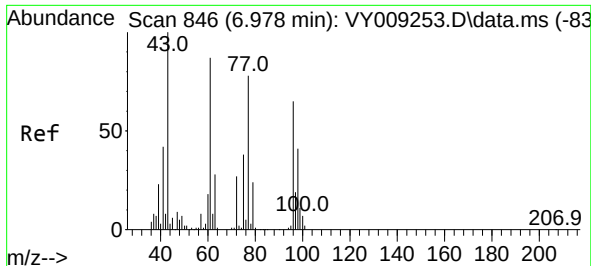
Tgt Ion: 43 Resp: 362662
Ion Ratio Lower Upper
43 100
72 27.5 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 100.217 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 77 Resp: 327251
Ion Ratio Lower Upper
77 100
97 23.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 98.995 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

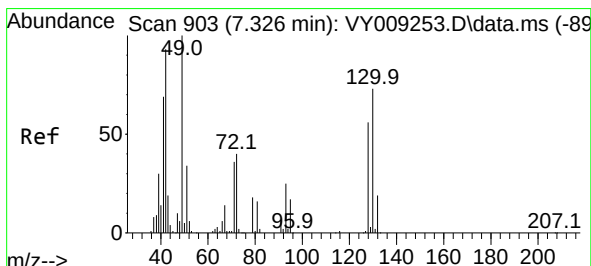
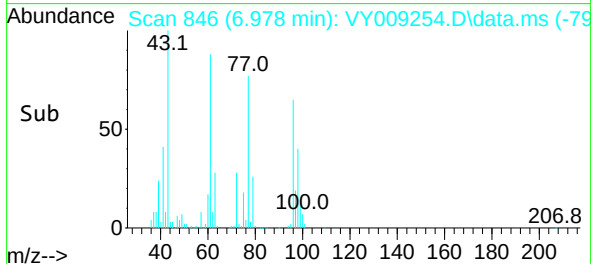
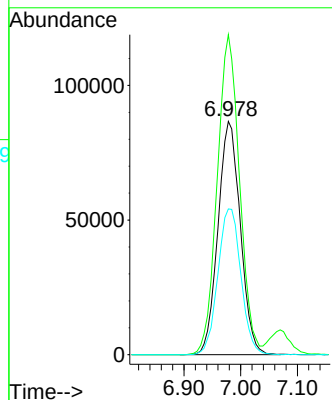
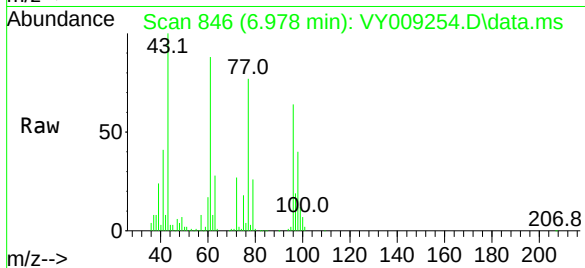
Tgt Ion: 96 Resp: 236915

Ion Ratio Lower Upper

96 100

61 137.3 0.0 319.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 94.715 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

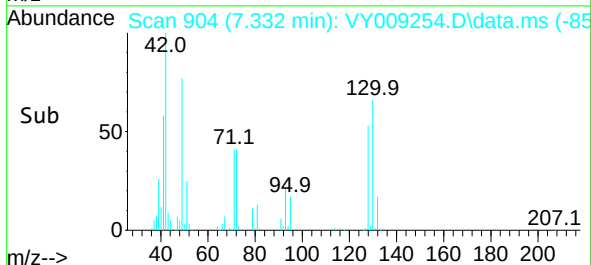
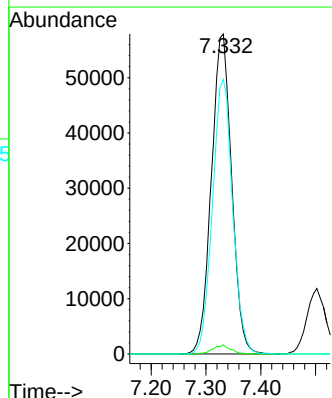
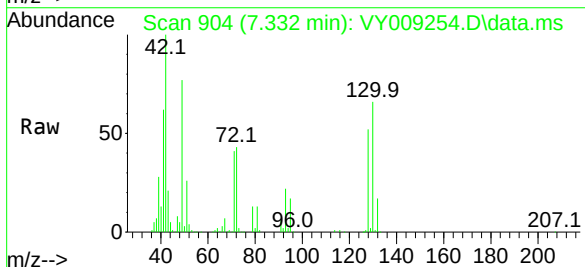
Tgt Ion: 49 Resp: 148788

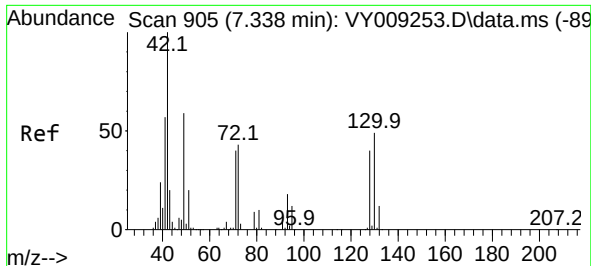
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 85.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 457.220 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

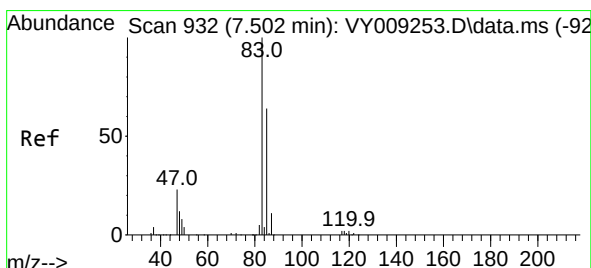
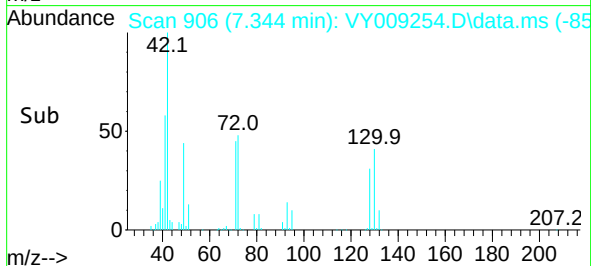
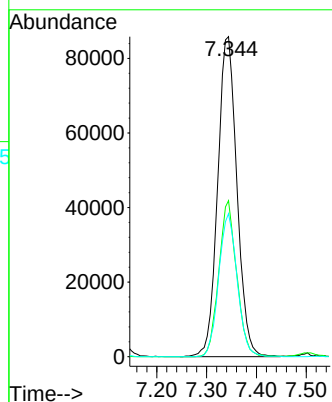
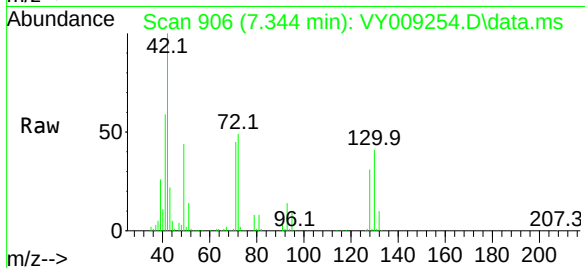
Tgt Ion: 42 Resp: 230160

Ion Ratio Lower Upper

42 100

72 45.3 30.3 45.5

71 42.9 29.0 43.4



#30

Chloroform

Concen: 99.175 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009254.D

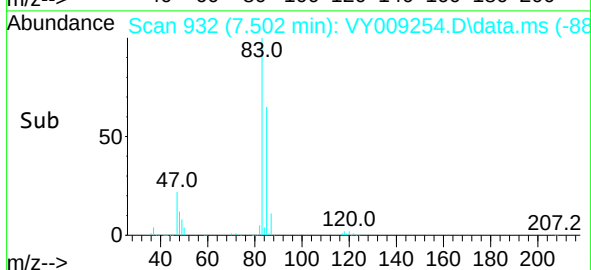
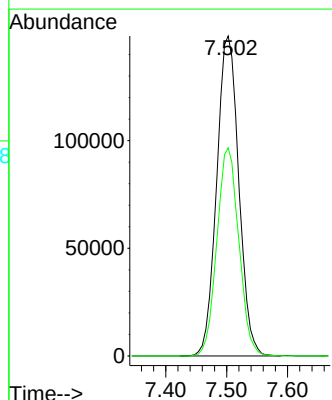
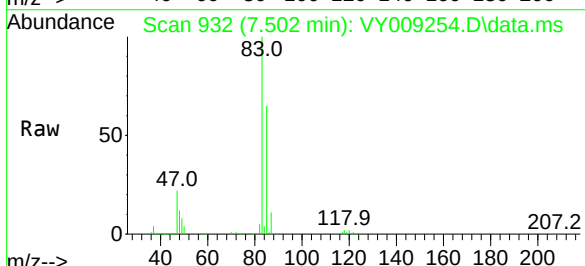
Acq: 21 Jun 2022 13:18

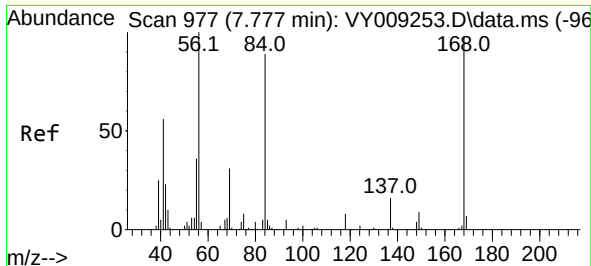
Tgt Ion: 83 Resp: 374391

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

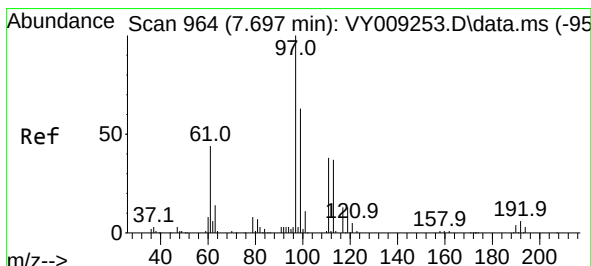
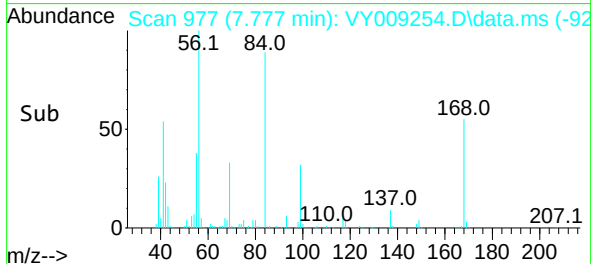
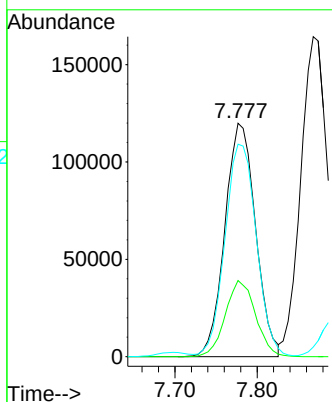
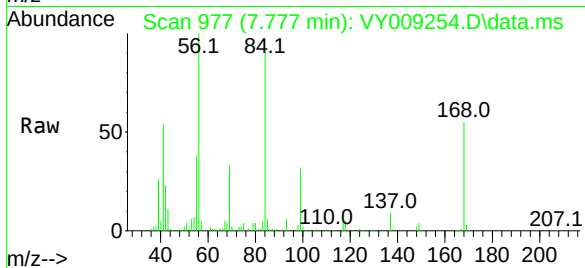




#31
Cyclohexane
Concen: 90.987 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

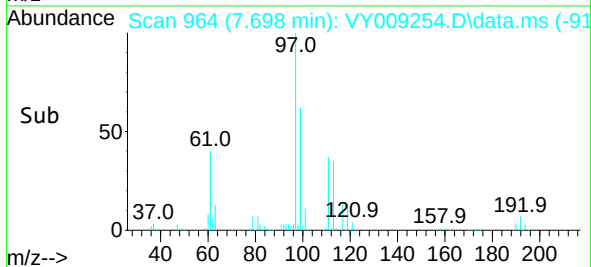
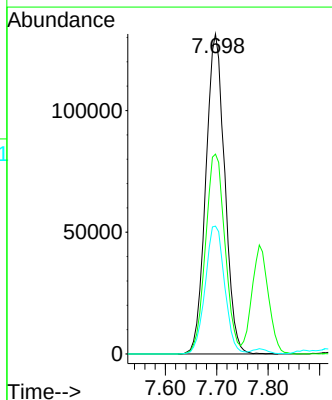
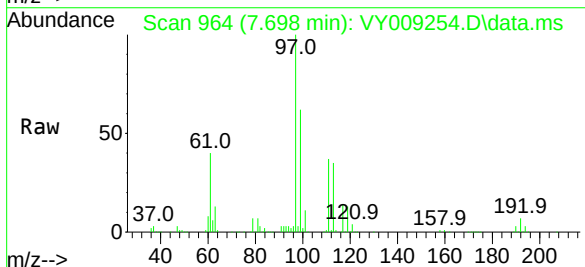
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

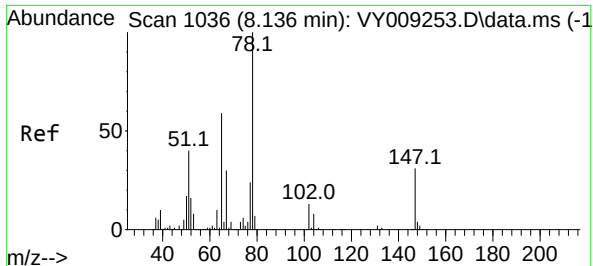
Tgt Ion: 56 Resp: 310878
Ion Ratio Lower Upper
56 100
69 32.6 26.7 40.1
84 89.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 101.425 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 97 Resp: 335338
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 41.1 37.6 56.4

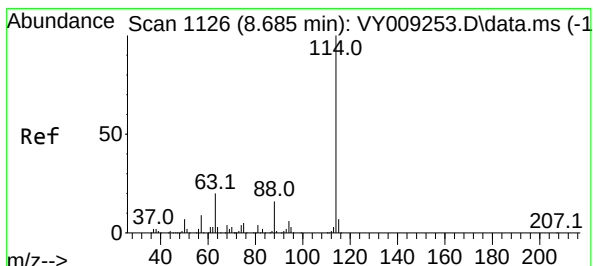
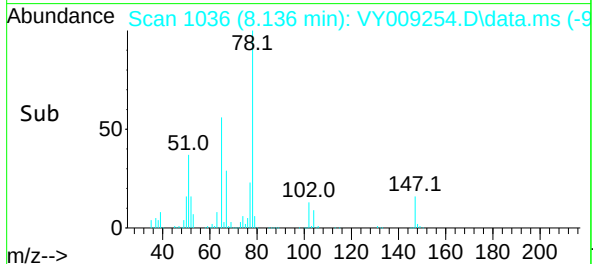
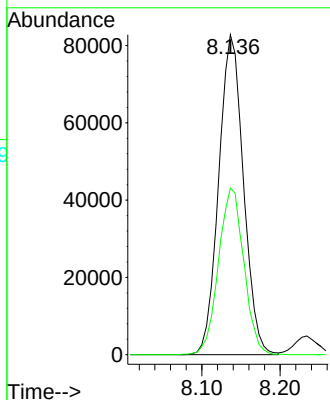
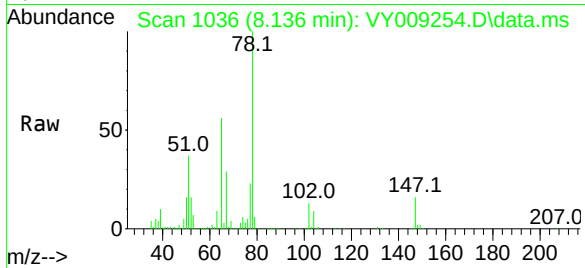




#33
1,2-Dichloroethane-d4
Concen: 94.806 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

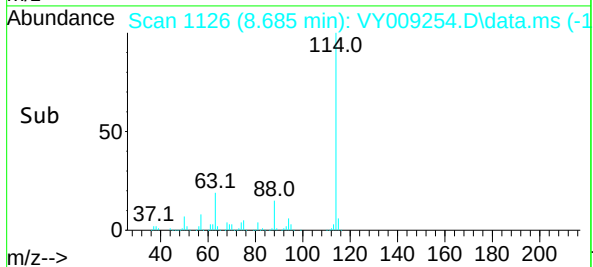
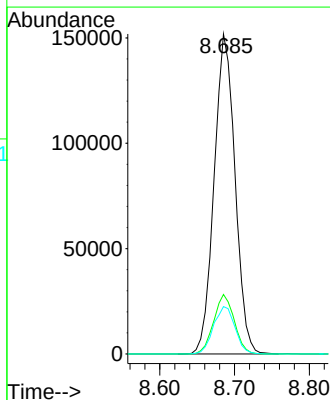
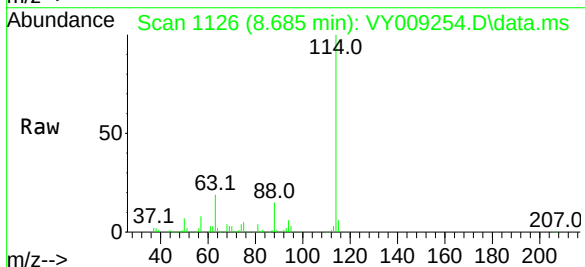
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

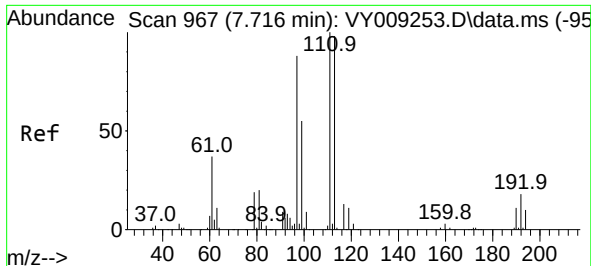
Tgt Ion: 65 Resp: 181539
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 114 Resp: 295132
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 14.8 0.0 31.8

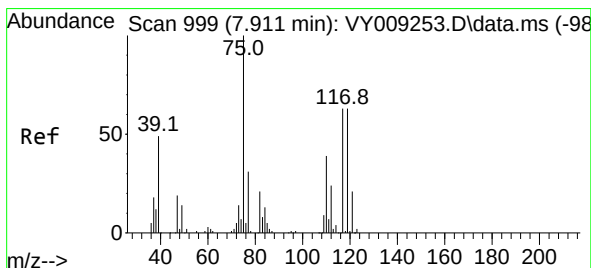
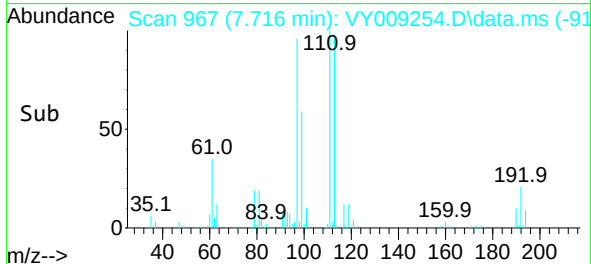
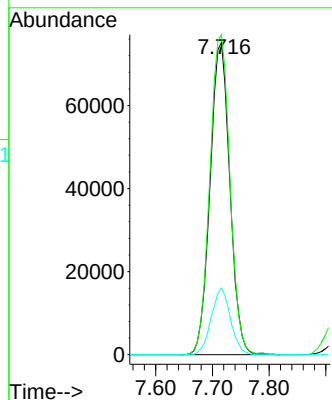
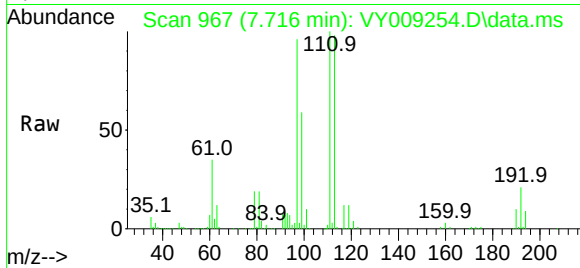




#35
Dibromofluoromethane
Concen: 98.217 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

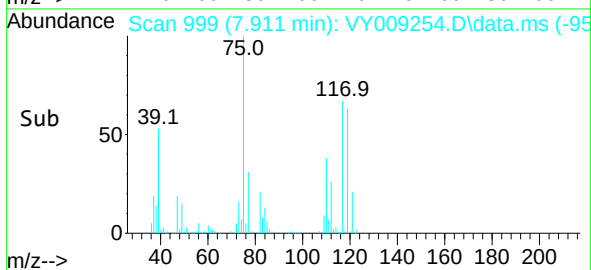
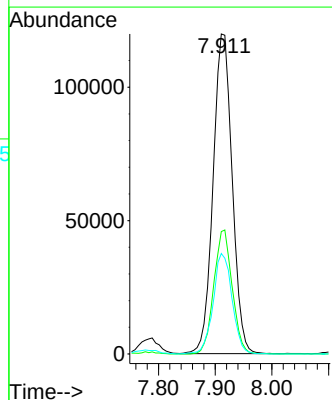
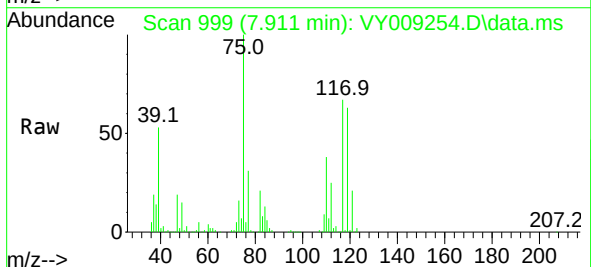
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

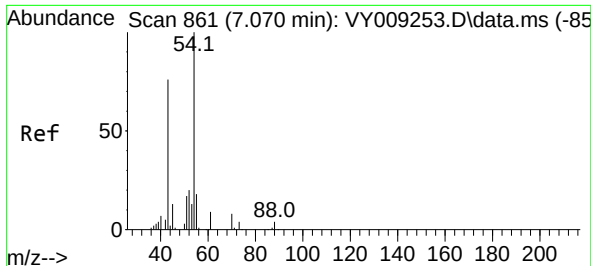
Tgt Ion:113 Resp: 181960
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 99.149 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 75 Resp: 280160
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 94.379 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

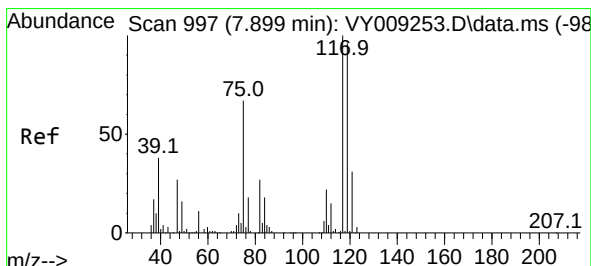
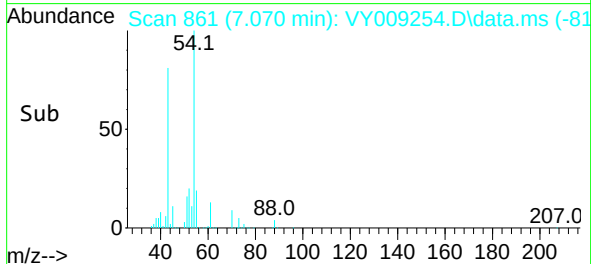
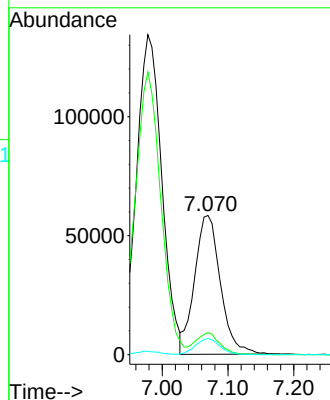
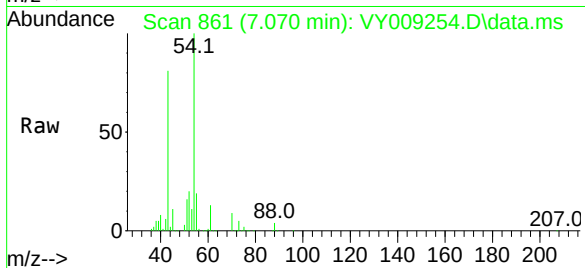
Tgt Ion: 43 Resp: 158889

Ion Ratio Lower Upper

43 100

61 14.5 9.7 14.5#

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 102.314 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

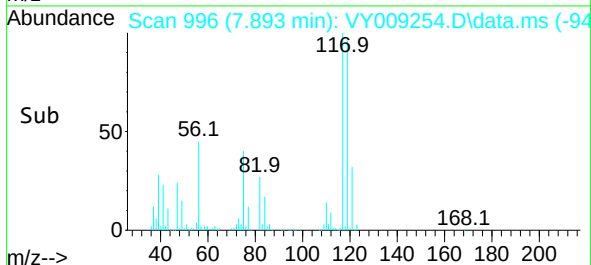
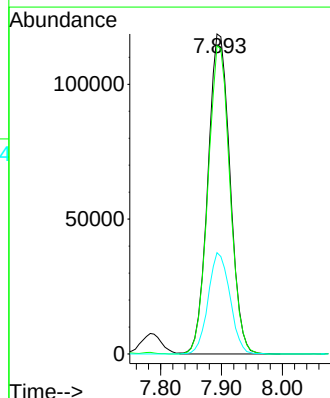
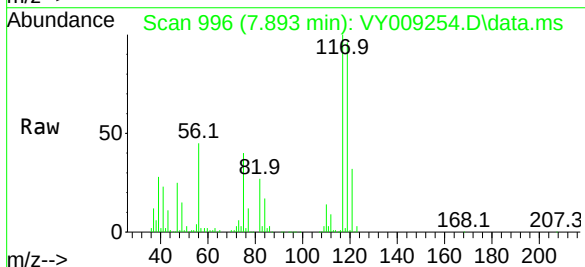
Tgt Ion: 117 Resp: 299744

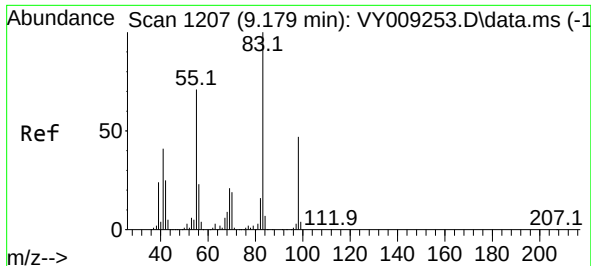
Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 101.301 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

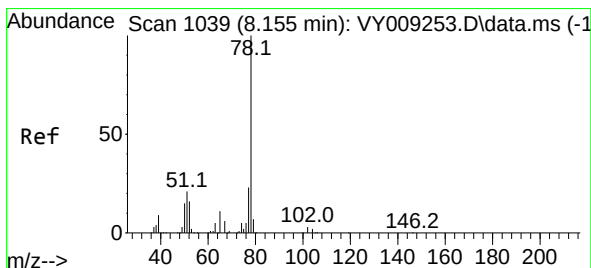
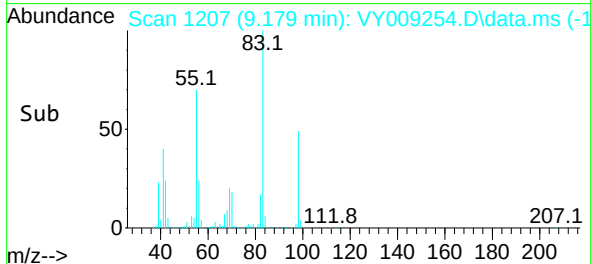
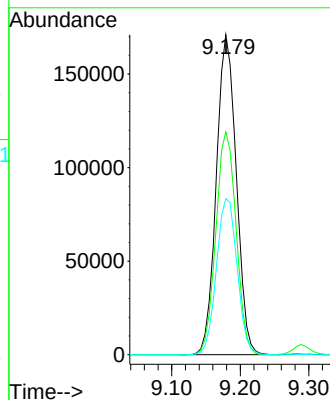
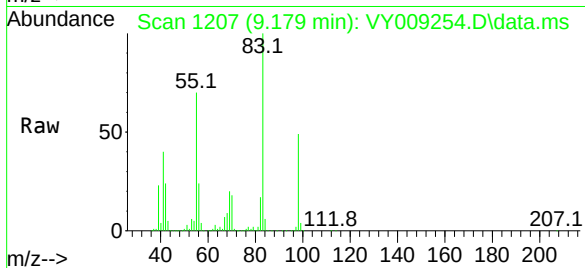
Tgt Ion: 83 Resp: 346034

Ion Ratio Lower Upper

83 100

55 69.6 66.5 99.7

98 48.8 37.9 56.9



#40

Benzene

Concen: 97.316 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009254.D

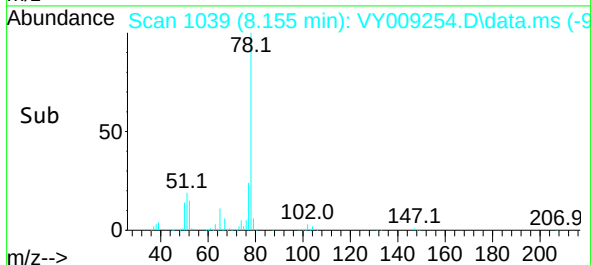
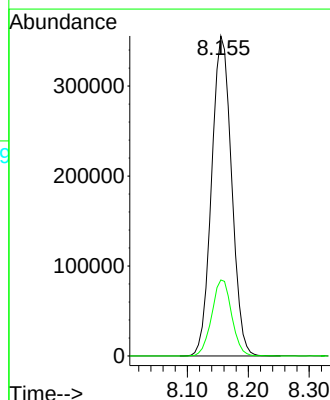
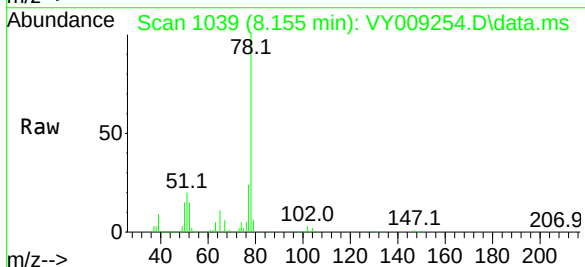
Acq: 21 Jun 2022 13:18

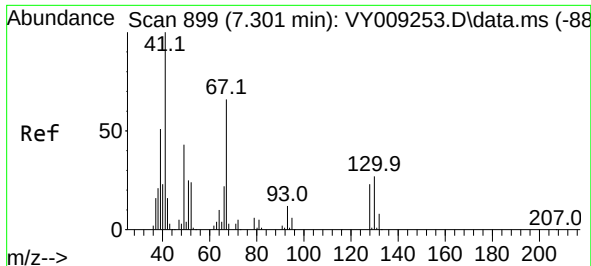
Tgt Ion: 78 Resp: 809855

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

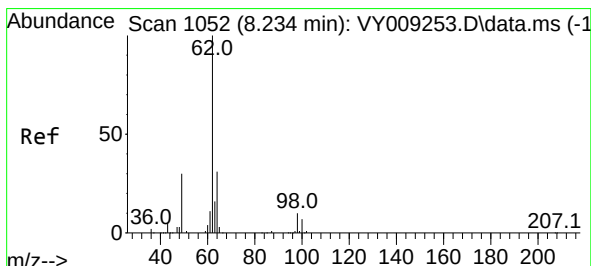
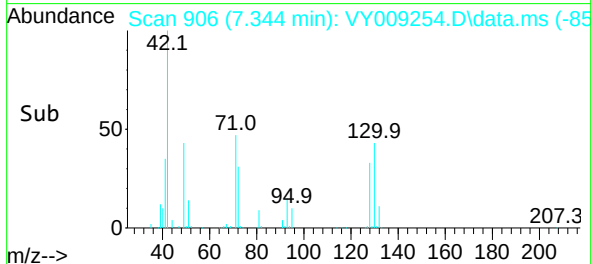
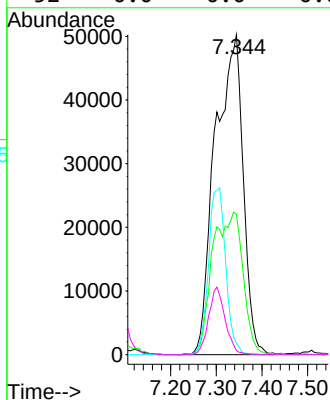
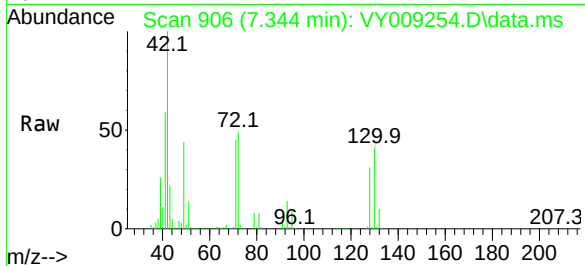




#41
Methacrylonitrile
Concen: 234.025 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

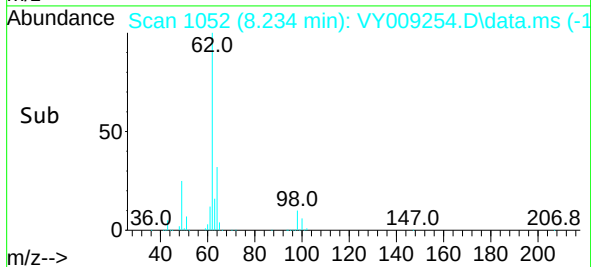
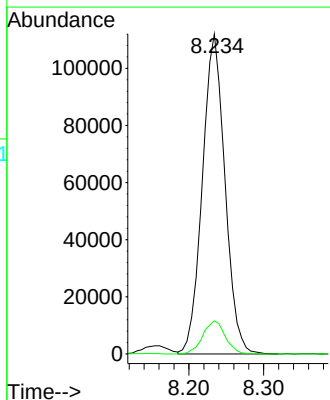
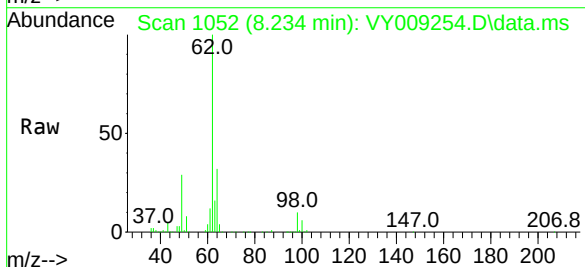
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

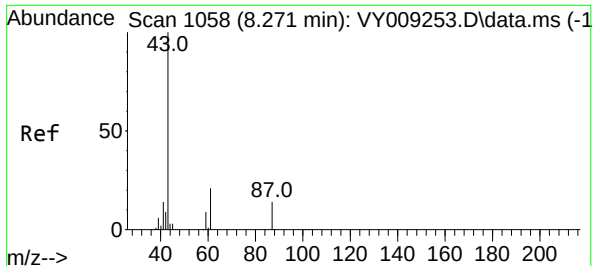
Tgt Ion: 41 Resp: 212957
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 97.292 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 62 Resp: 235066
Ion Ratio Lower Upper
62 100
98 10.3 0.0 14.8

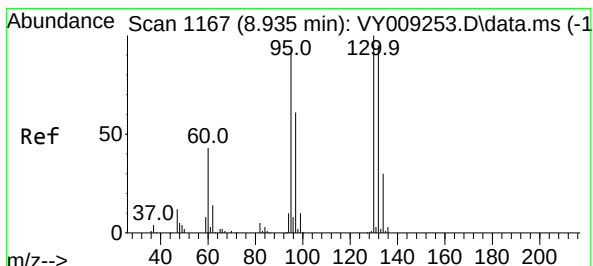
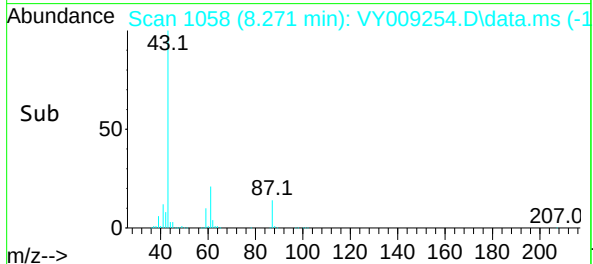
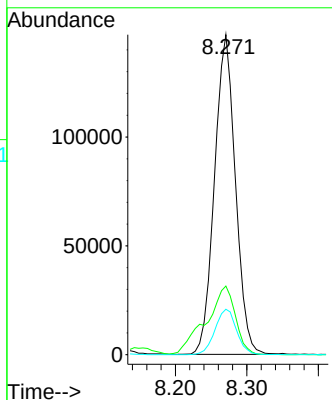
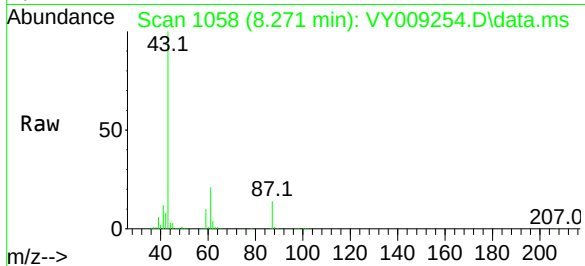




#43
Isopropyl Acetate
Concen: 95.944 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

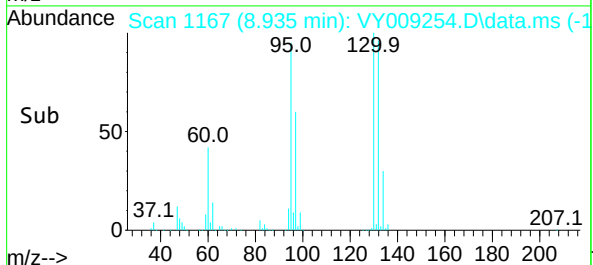
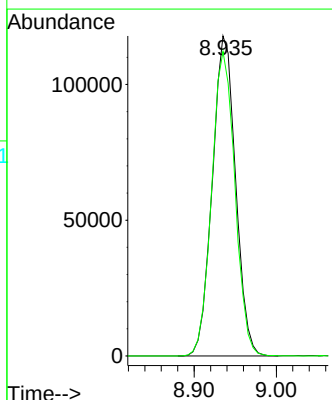
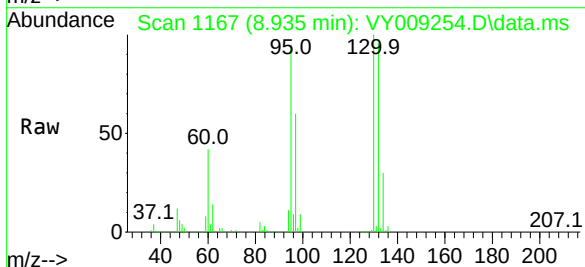
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

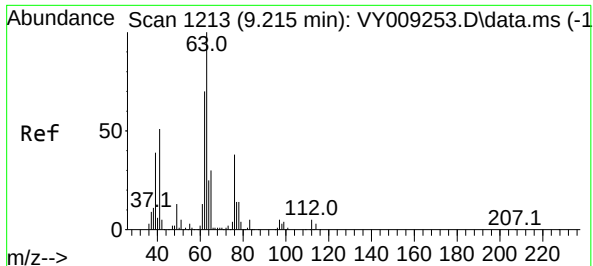
Tgt Ion: 43 Resp: 298845
Ion Ratio Lower Upper
43 100
61 30.2 20.2 30.2
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 97.640 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion:130 Resp: 231593
Ion Ratio Lower Upper
130 100
95 95.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 96.614 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

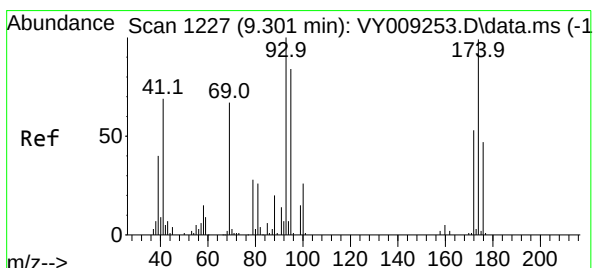
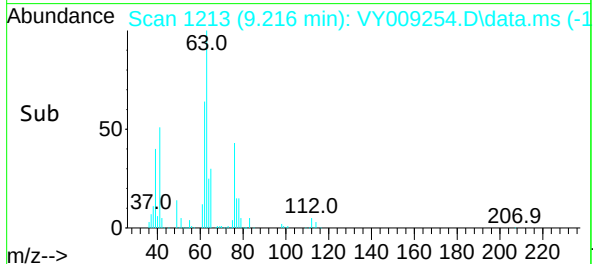
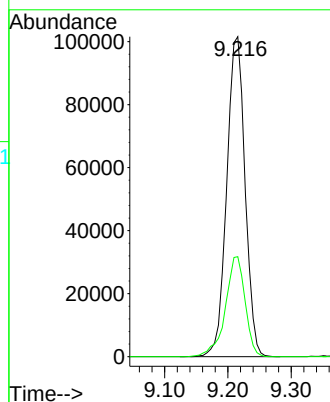
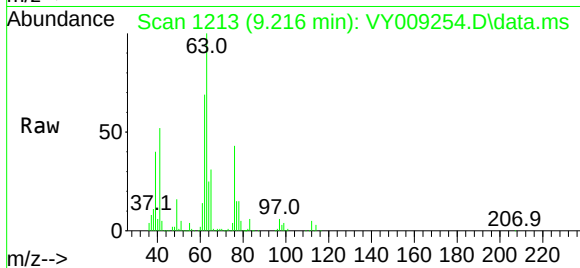
VSTDICC100

Tgt Ion: 63 Resp: 204143

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 97.812 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

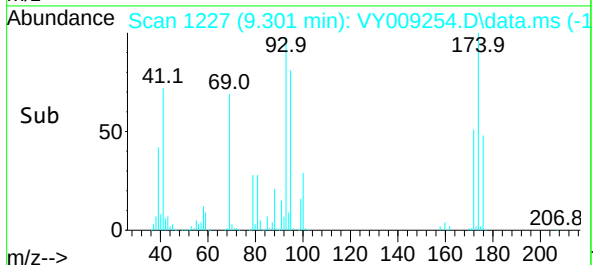
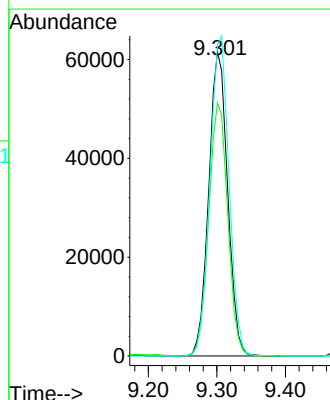
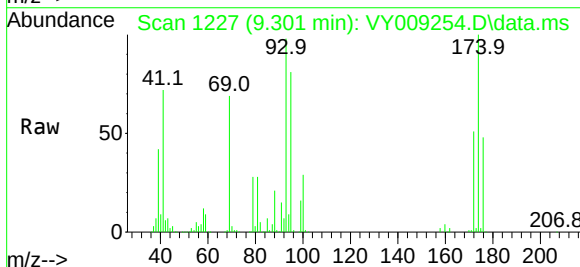
Tgt Ion: 93 Resp: 118209

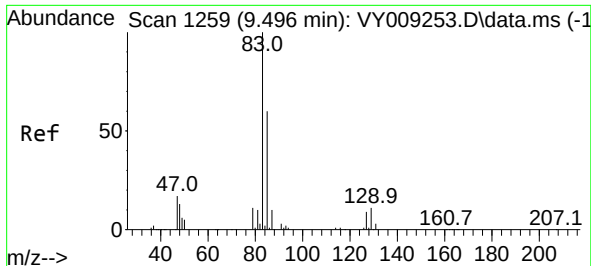
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

174 105.8 83.4 125.0

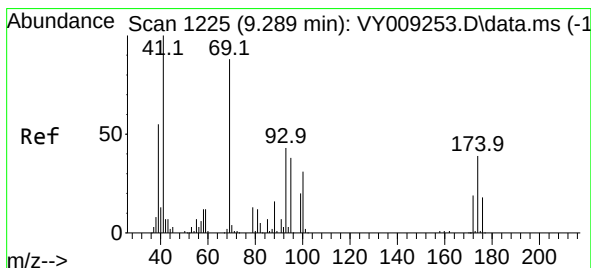
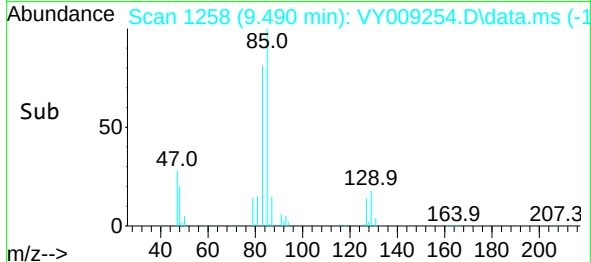
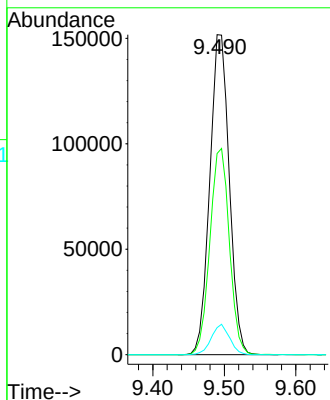
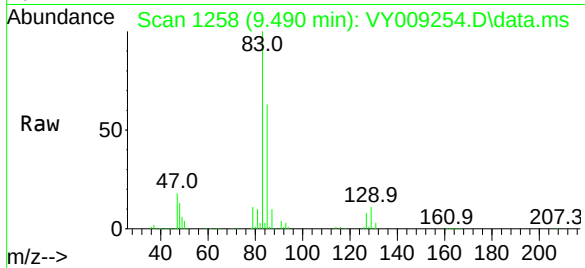




#47
Bromodichloromethane
Concen: 99.468 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

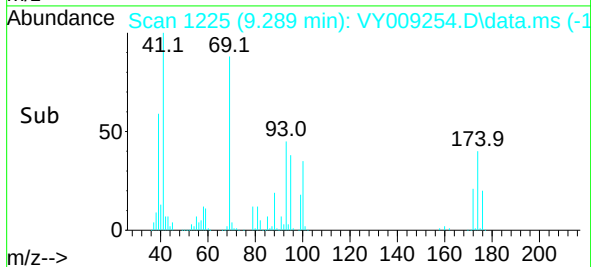
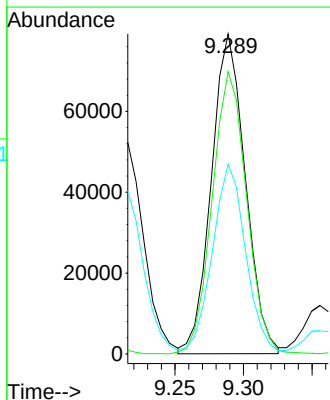
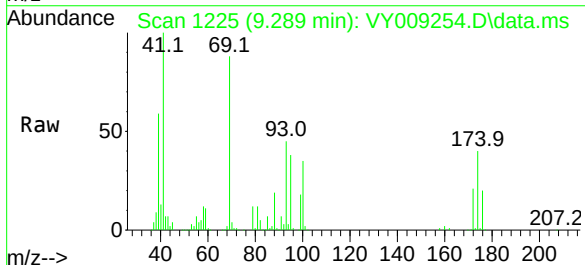
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

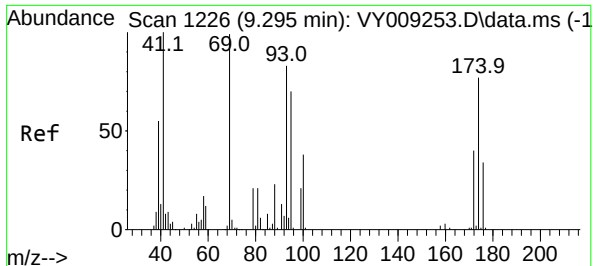
Tgt Ion: 83 Resp: 287319
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 98.781 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 41 Resp: 136319
Ion Ratio Lower Upper
41 100
69 89.3 58.2 87.2#
39 58.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1925.843 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

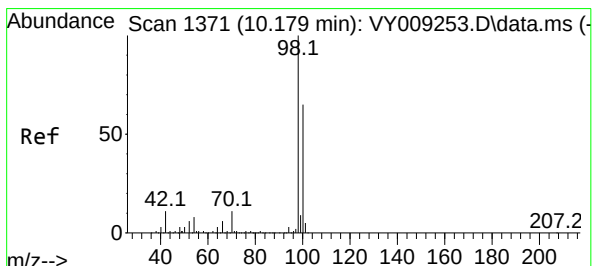
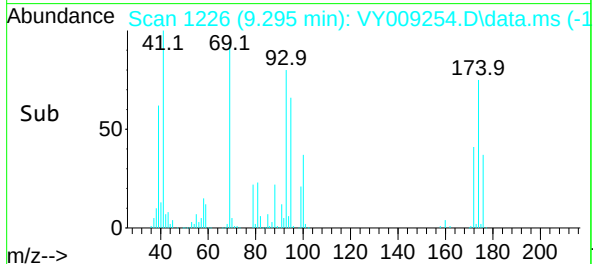
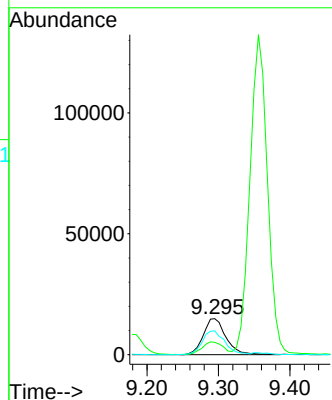
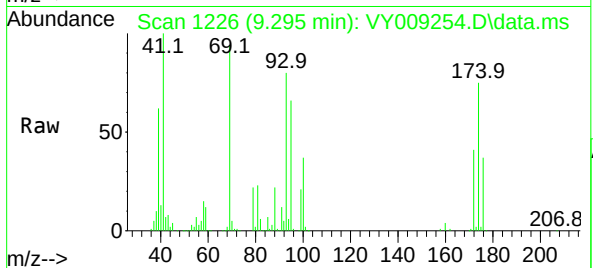
Tgt Ion: 88 Resp: 32789

Ion Ratio Lower Upper

88 100

43 33.0 32.8 49.2

58 66.3 59.8 89.6



#50

Toluene-d8

Concen: 92.834 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY009254.D

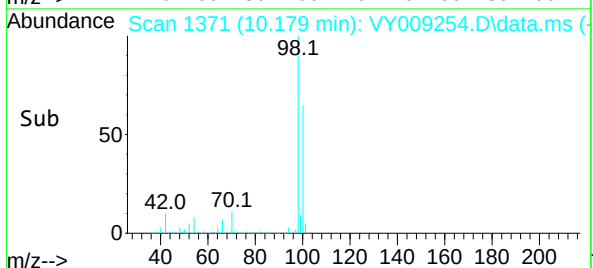
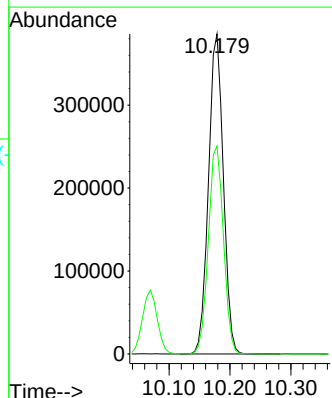
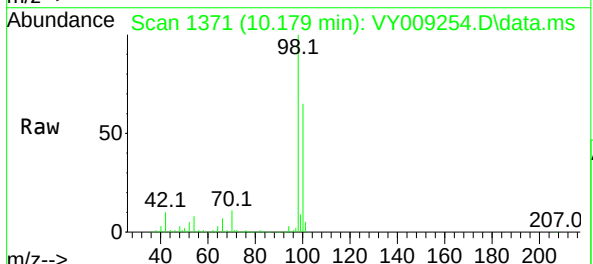
Acq: 21 Jun 2022 13:18

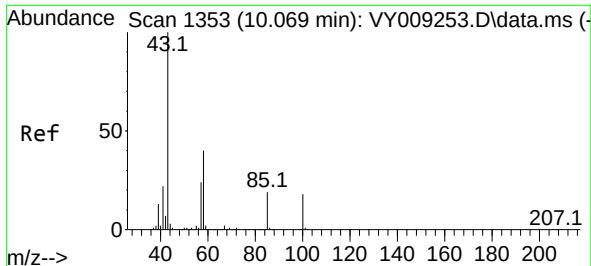
Tgt Ion: 98 Resp: 653395

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.2

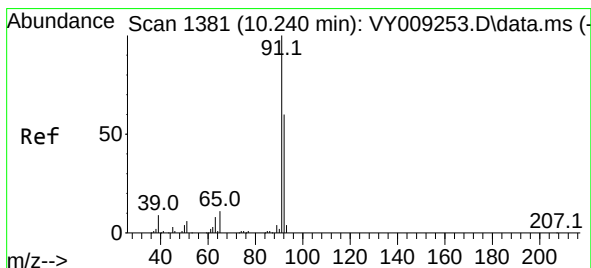
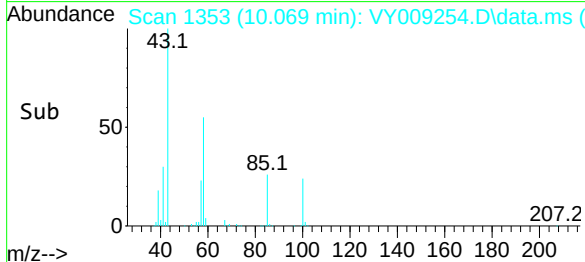
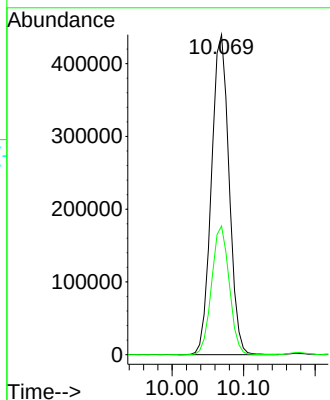
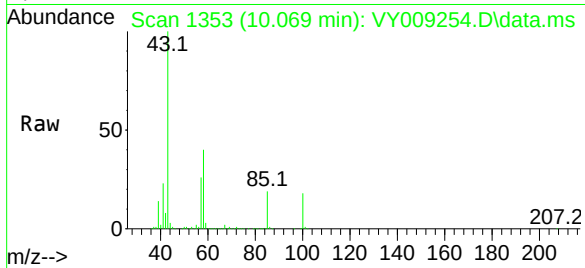




#51
4-Methyl-2-Pentanone
Concen: 460.273 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

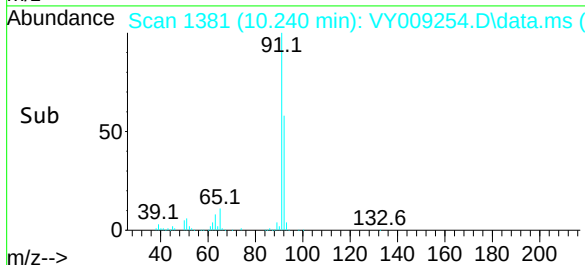
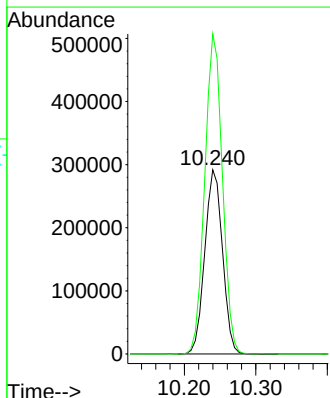
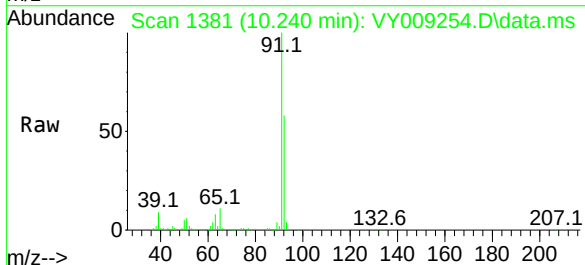
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

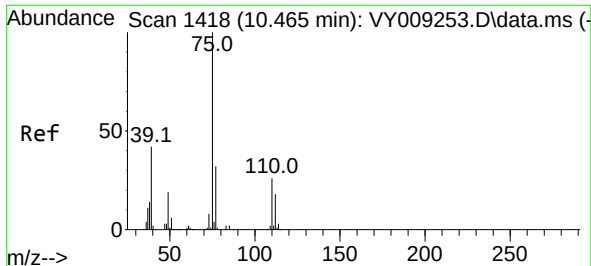
Tgt Ion: 43 Resp: 752954
Ion Ratio Lower Upper
43 100
58 40.1 28.1 42.1



#52
Toluene
Concen: 94.630 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 92 Resp: 501816
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 98.384 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

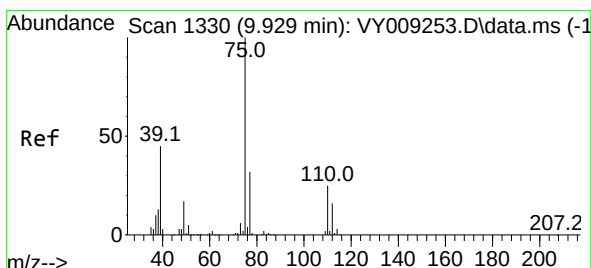
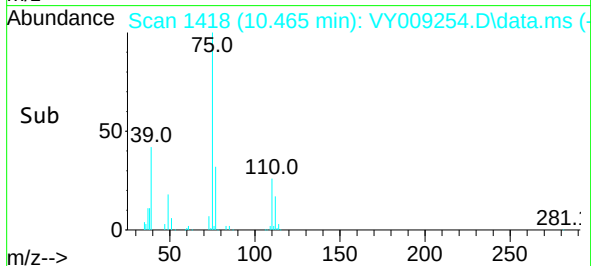
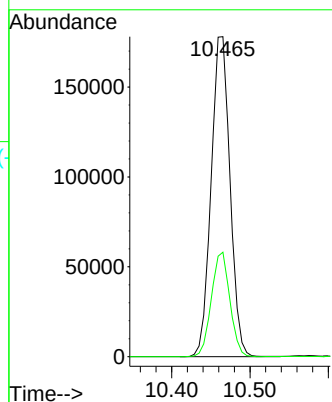
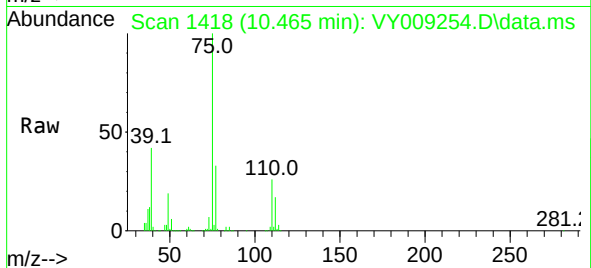
VSTDIC100

Tgt Ion: 75 Resp: 297863

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 99.092 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.006 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

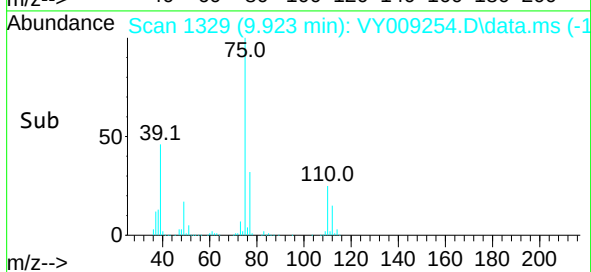
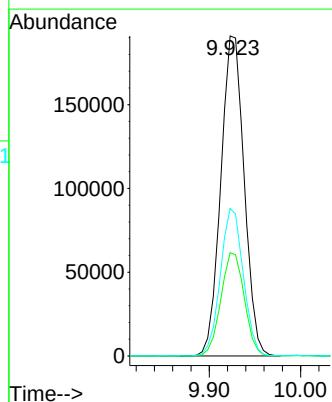
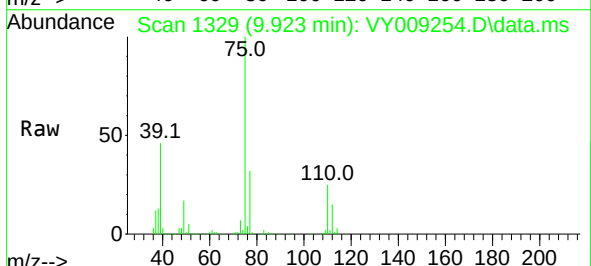
Tgt Ion: 75 Resp: 339843

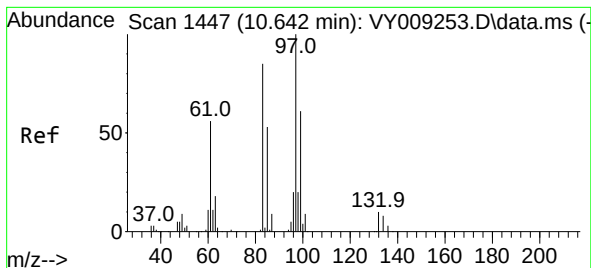
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 46.1 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 94.787 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 162360

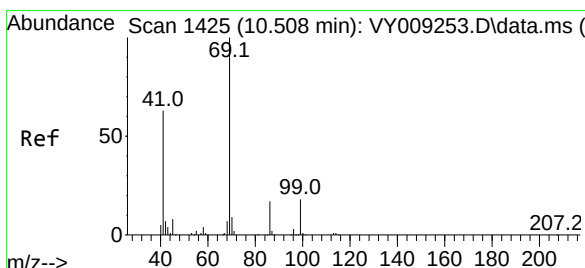
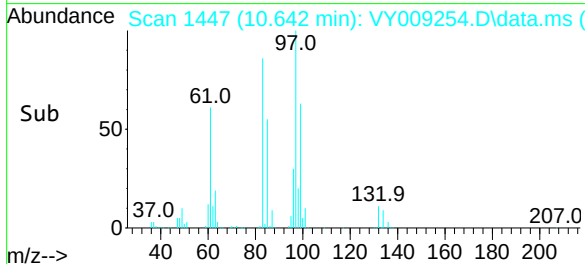
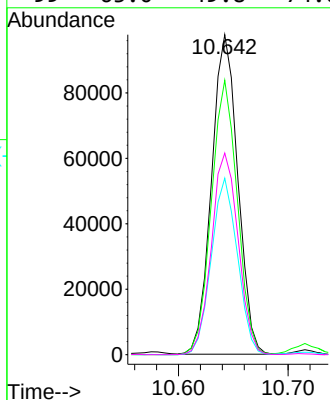
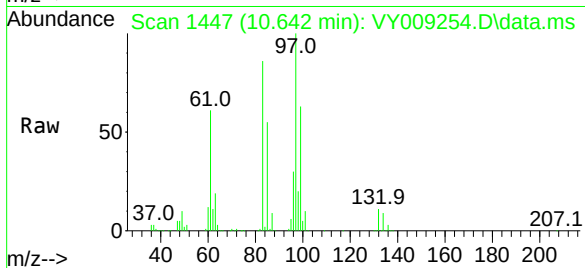
Ion Ratio Lower Upper

97 100

83 85.9 69.8 104.8

85 55.3 44.3 66.5

99 63.0 49.8 74.6



#56

Ethyl methacrylate

Concen: 99.621 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

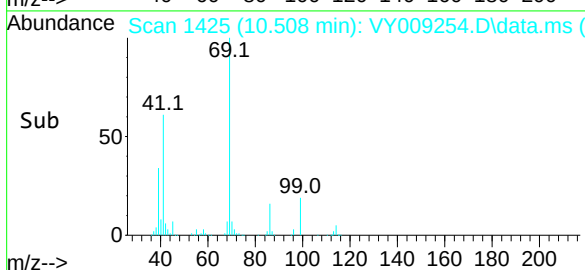
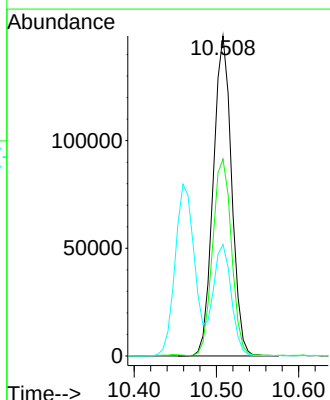
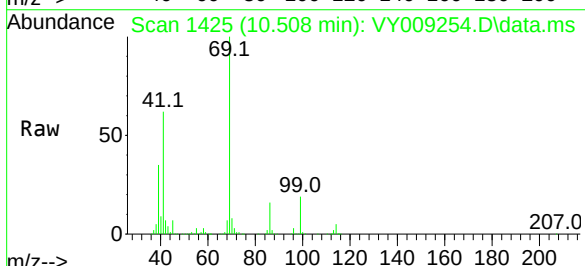
Tgt Ion: 69 Resp: 230228

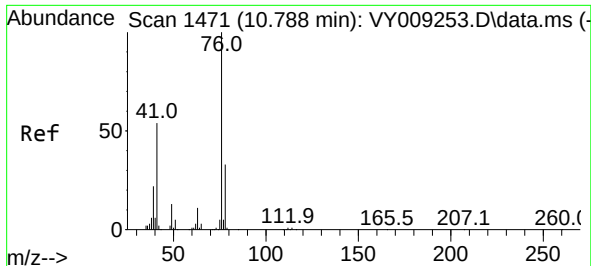
Ion Ratio Lower Upper

69 100

41 63.3 63.4 95.0#

39 35.0 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 96.031 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

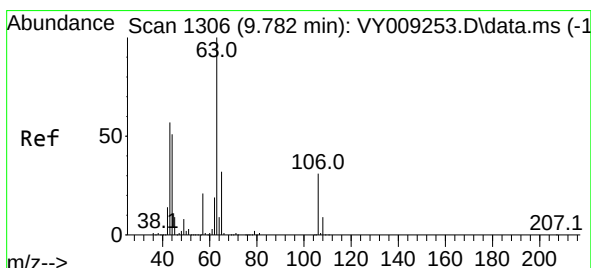
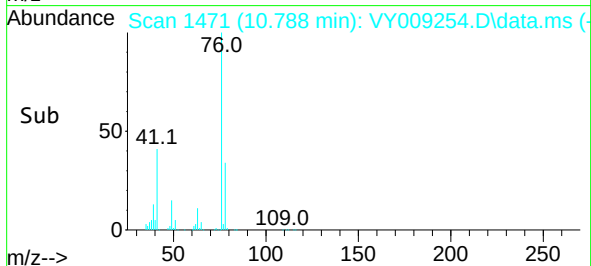
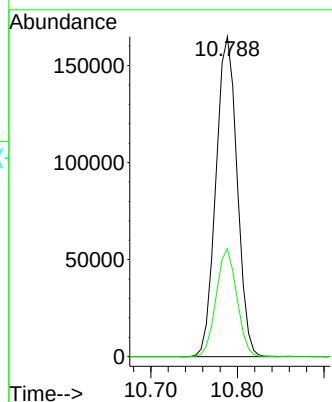
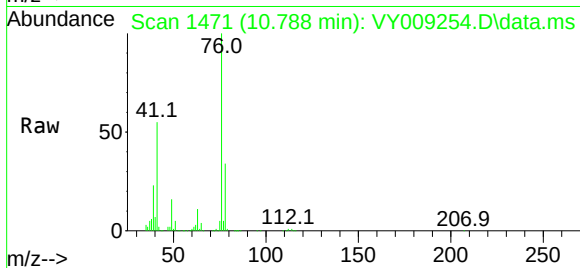
VSTDIC100

Tgt Ion: 76 Resp: 280238

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 449.334 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY009254.D

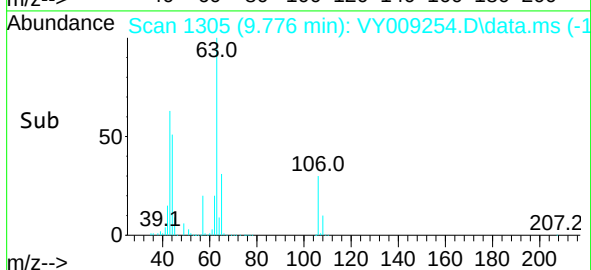
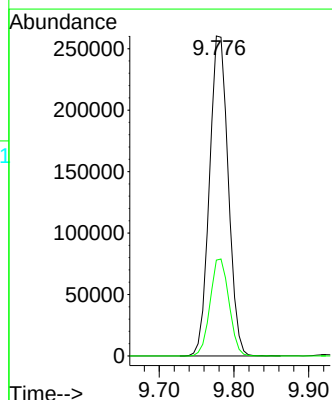
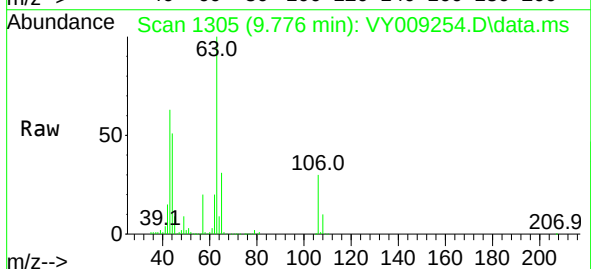
Acq: 21 Jun 2022 13:18

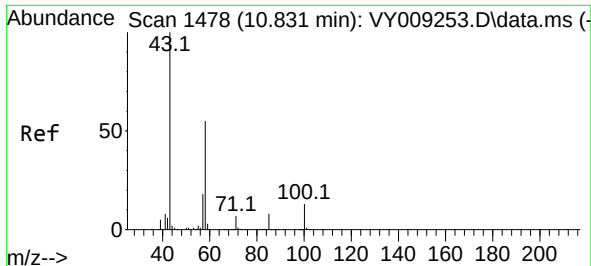
Tgt Ion: 63 Resp: 453752

Ion Ratio Lower Upper

63 100

106 30.4 21.5 32.3

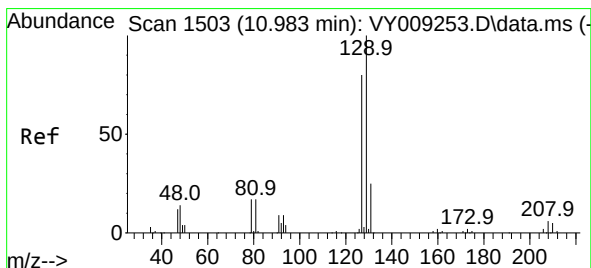
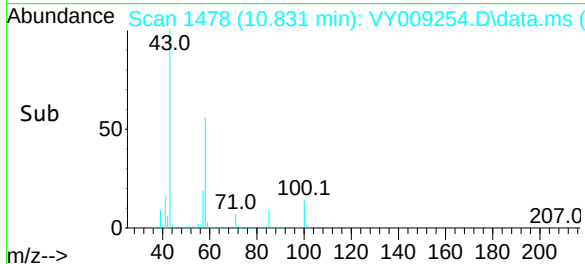
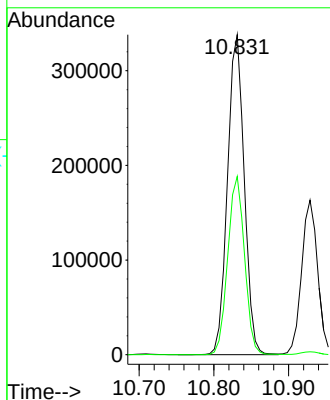
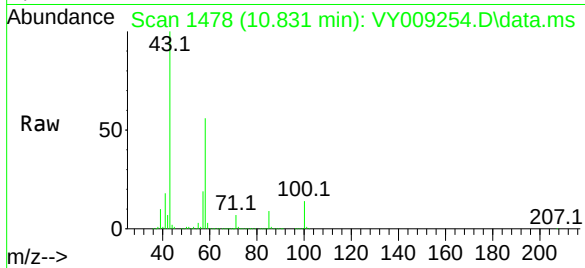




#59
2-Hexanone
Concen: 469.772 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

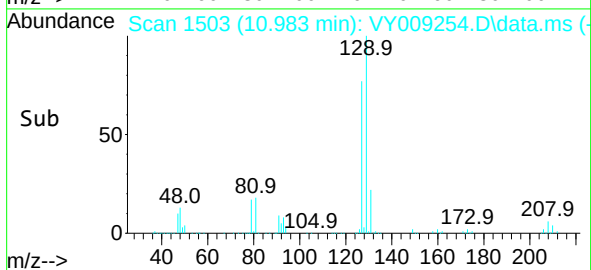
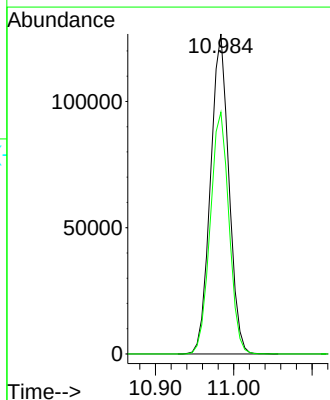
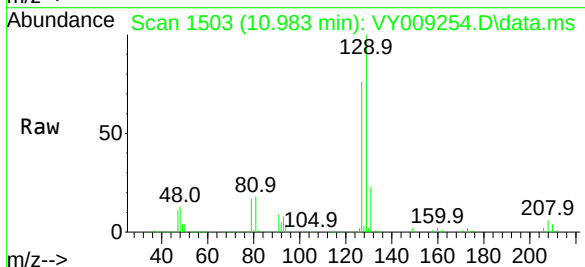
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

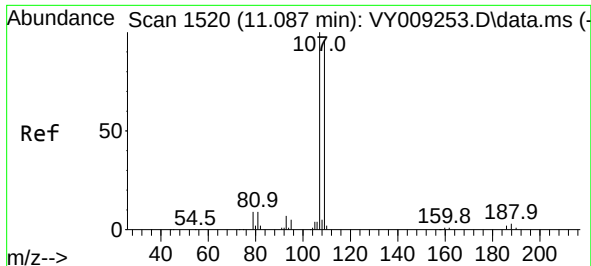
Tgt Ion: 43 Resp: 527617
Ion Ratio Lower Upper
43 100
58 55.8 24.4 73.4



#60
Dibromochloromethane
Concen: 98.504 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 129 Resp: 206593
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

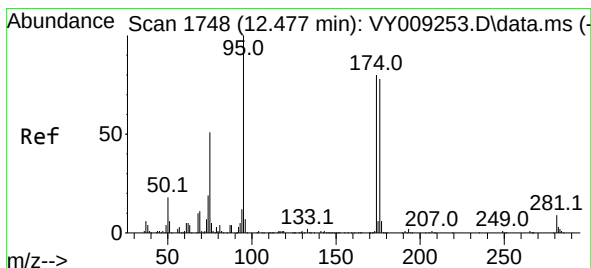
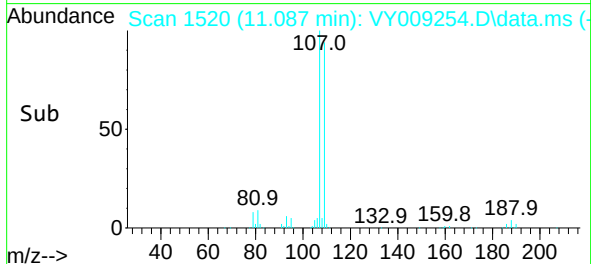
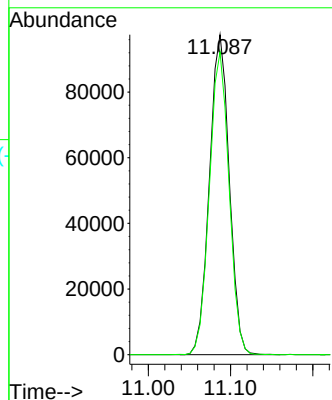
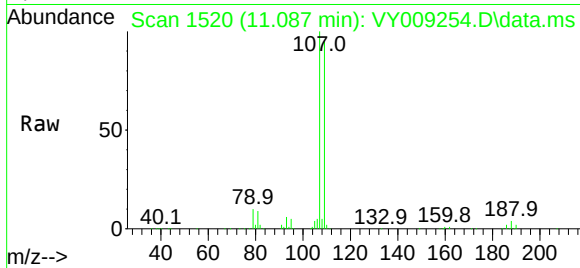




#61
1,2-Dibromoethane
Concen: 98.495 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

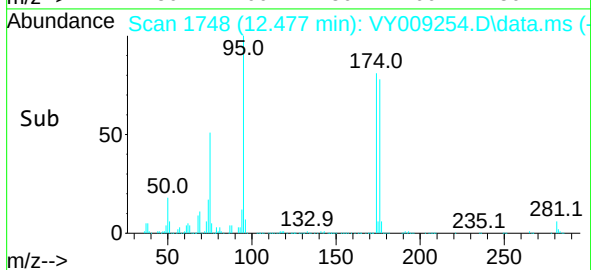
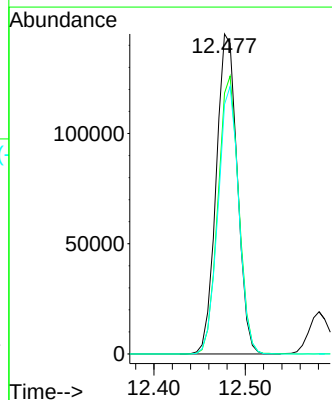
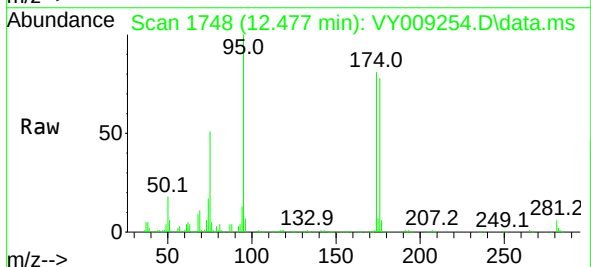
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

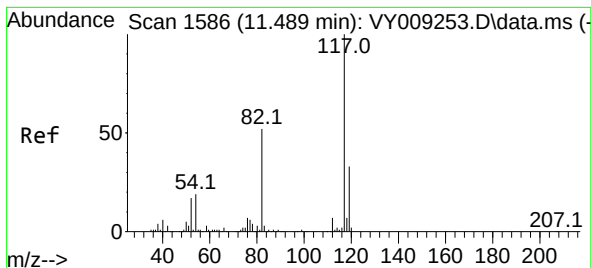
Tgt Ion:107 Resp: 163200
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 93.083 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 95 Resp: 232456
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

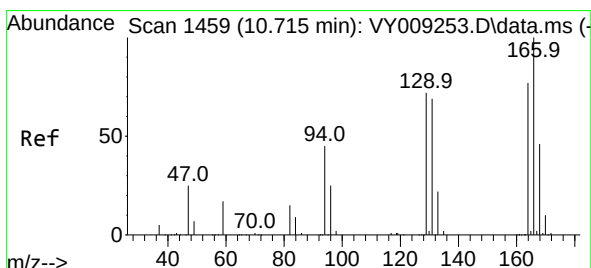
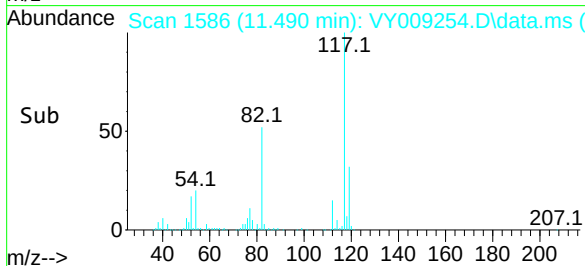
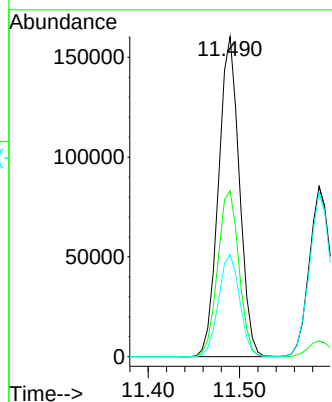
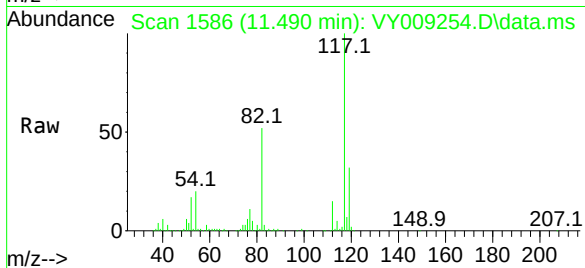
Tgt Ion:117 Resp: 254590

Ion Ratio Lower Upper

117 100

82 51.9 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 98.184 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Tgt Ion:164 Resp: 230788

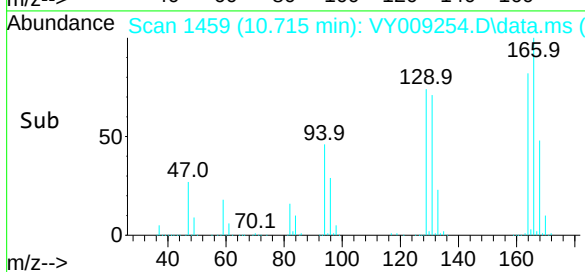
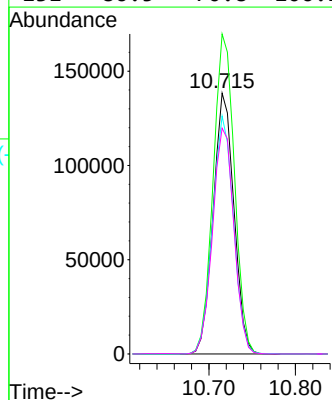
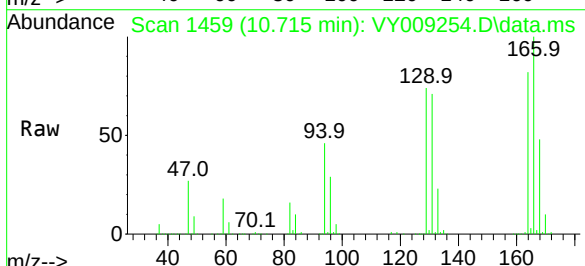
Ion Ratio Lower Upper

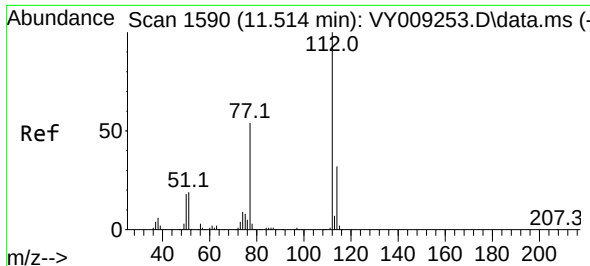
164 100

166 122.7 100.4 150.6

129 91.2 71.4 107.0

131 86.5 70.8 106.2

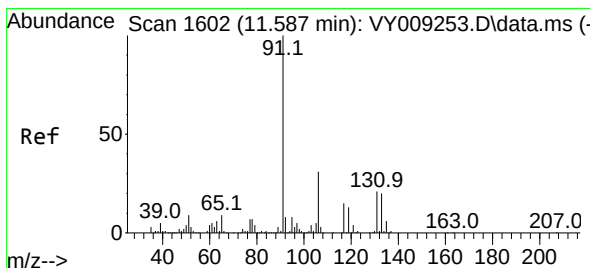
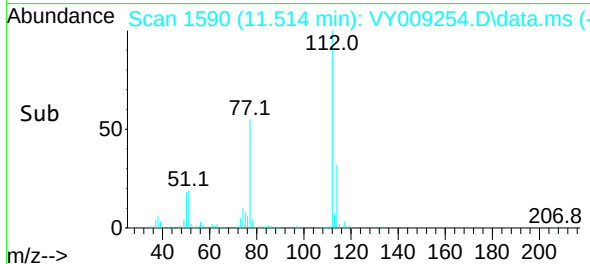
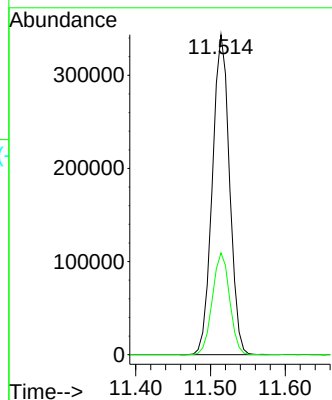
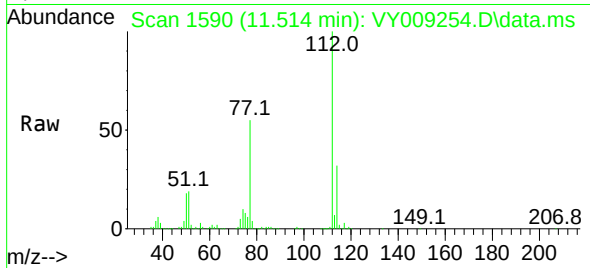




#65
Chlorobenzene
Concen: 100.149 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

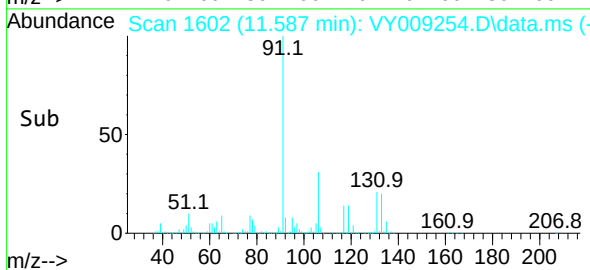
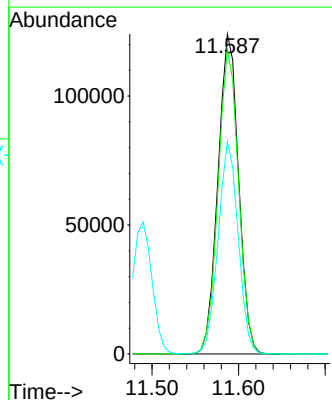
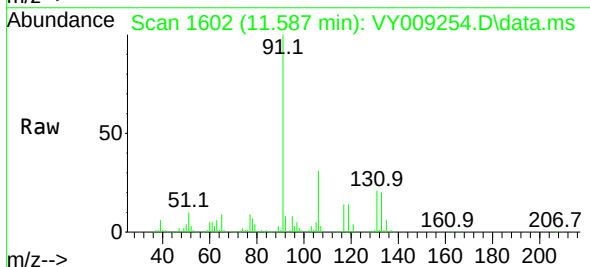
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

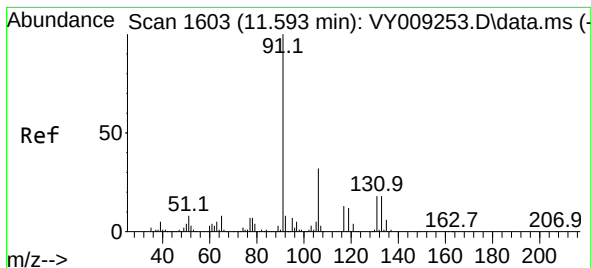
Tgt Ion:112 Resp: 550545
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 101.640 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion:131 Resp: 204731
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 64.8 30.8 92.3





#67

Ethyl Benzene

Concen: 100.545 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

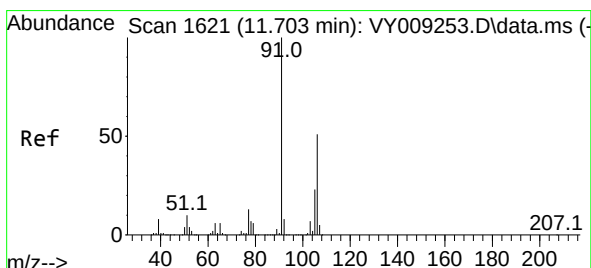
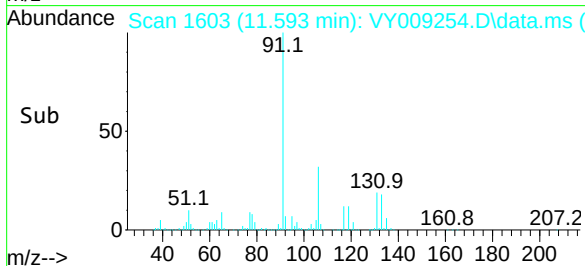
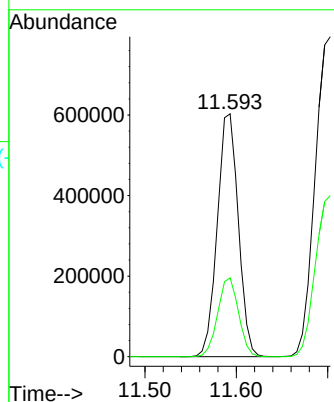
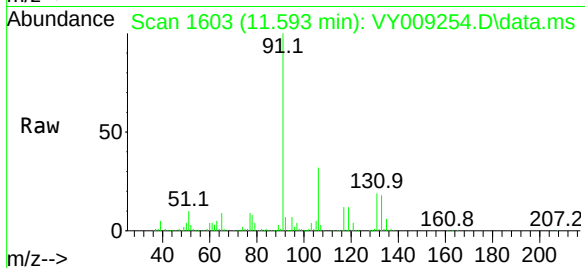
VSTDIC100

Tgt Ion: 91 Resp: 964304

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 198.978 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY009254.D

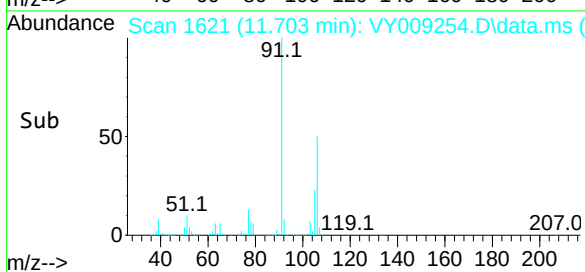
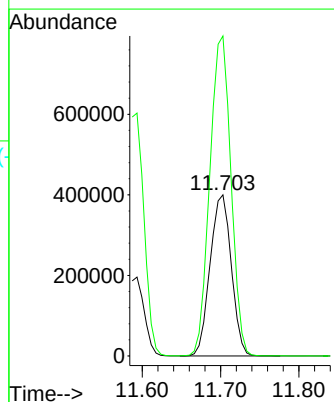
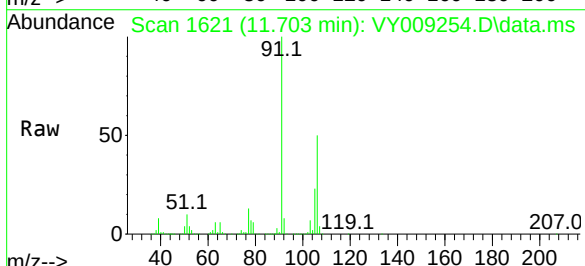
Acq: 21 Jun 2022 13:18

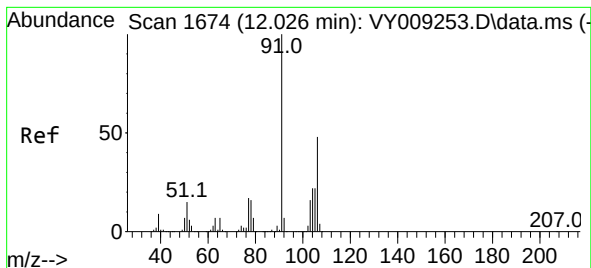
Tgt Ion: 106 Resp: 751749

Ion Ratio Lower Upper

106 100

91 198.3 166.6 249.8

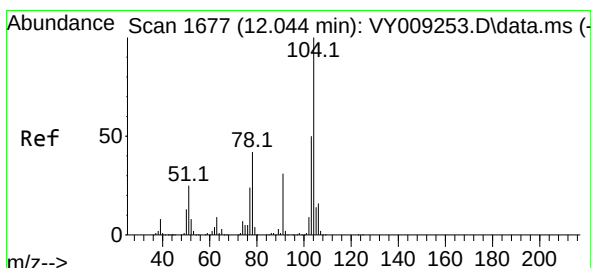
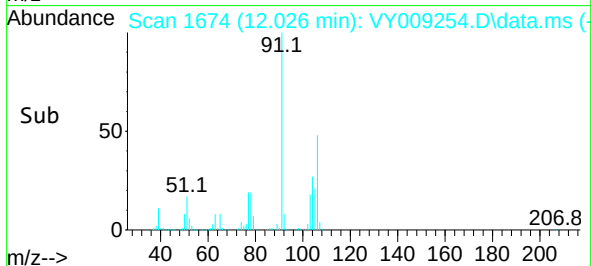
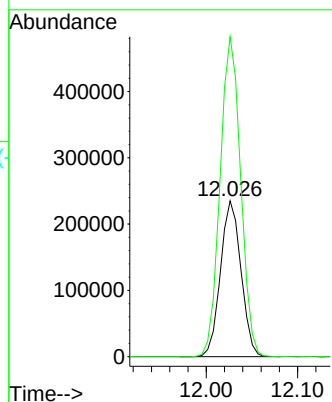
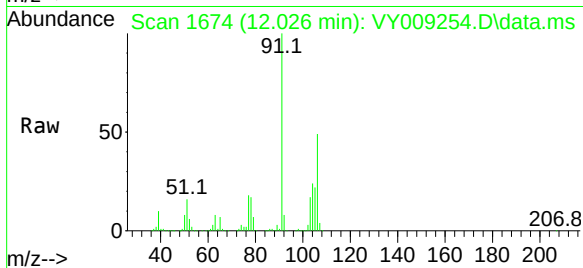




#69
o-Xylene
Concen: 102.100 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

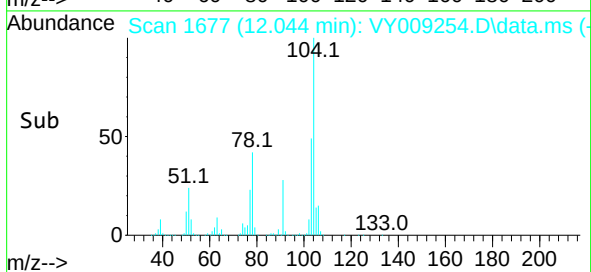
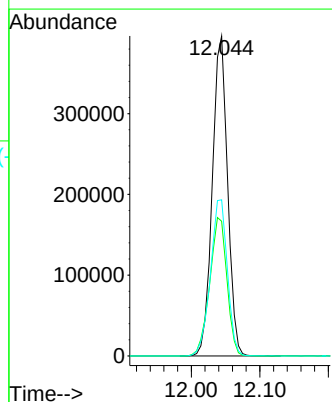
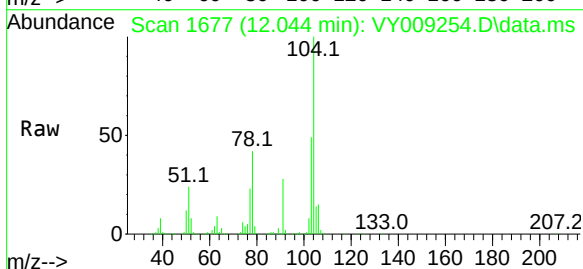
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

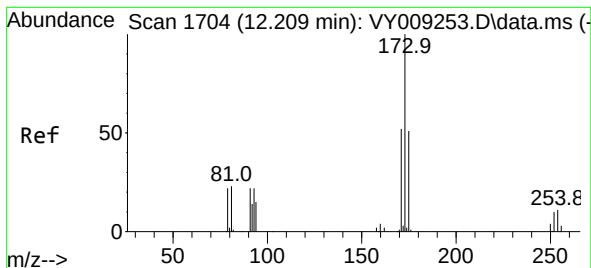
Tgt Ion:106 Resp: 366466
Ion Ratio Lower Upper
106 100
91 206.3 110.3 331.0



#70
Styrene
Concen: 101.929 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion:104 Resp: 612584
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 101.298 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

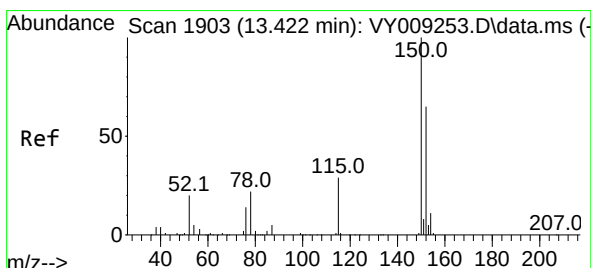
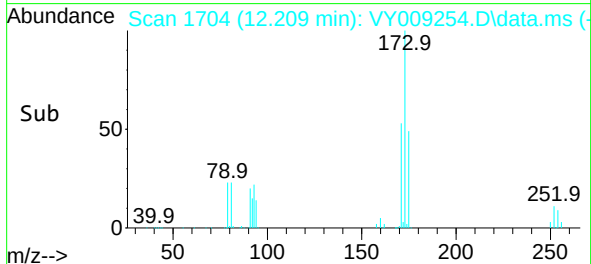
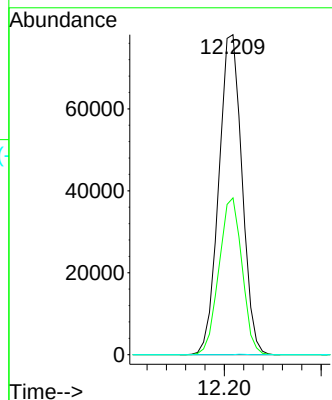
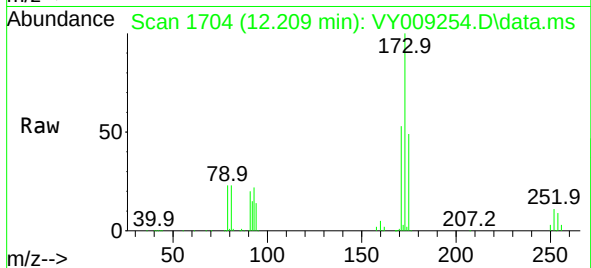
Tgt Ion:173 Resp: 129853

Ion Ratio Lower Upper

173 100

175 48.7 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: VY009254.D

Acq: 21 Jun 2022 13:18

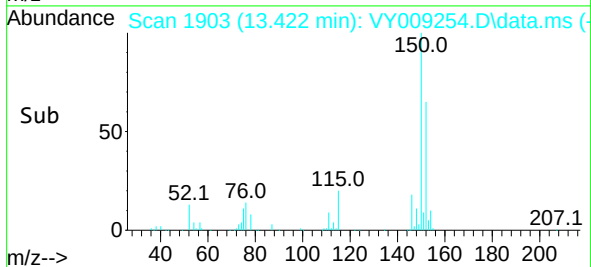
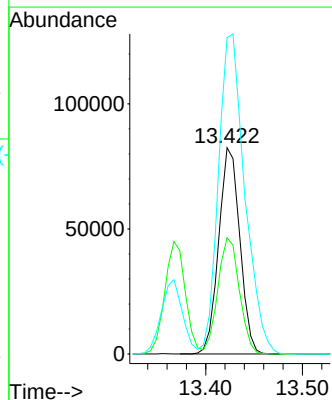
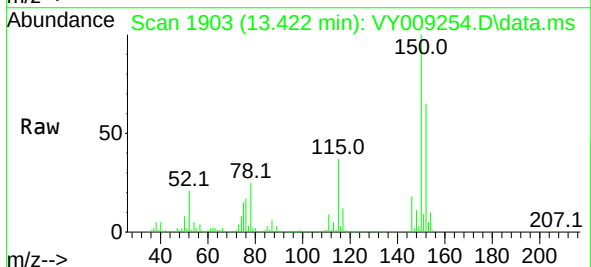
Tgt Ion:152 Resp: 124961

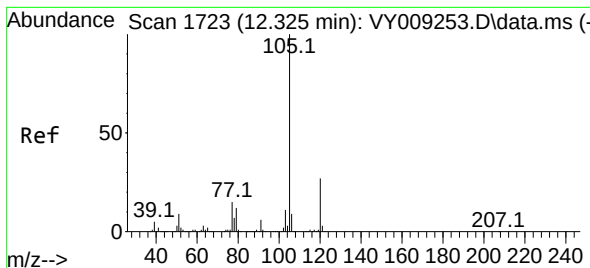
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 193.4 0.0 347.6





#73

Isopropylbenzene

Concen: 102.092 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

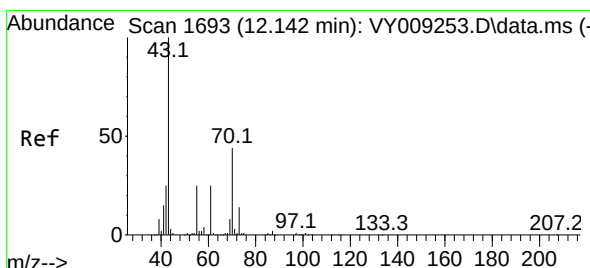
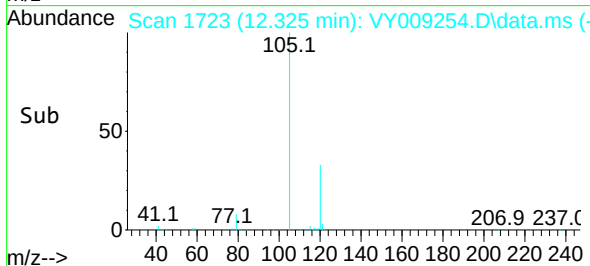
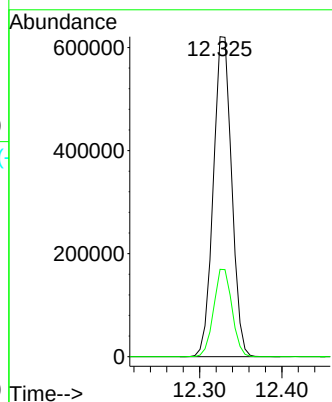
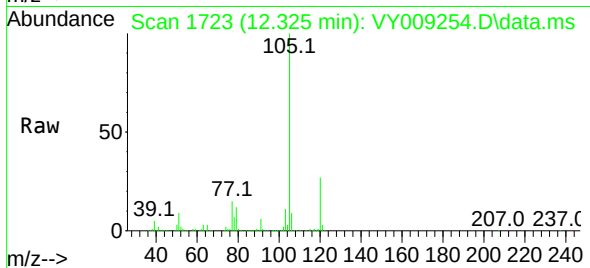
VSTDIC100

Tgt Ion:105 Resp: 960247

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 99.753 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Tgt Ion: 43 Resp: 259441

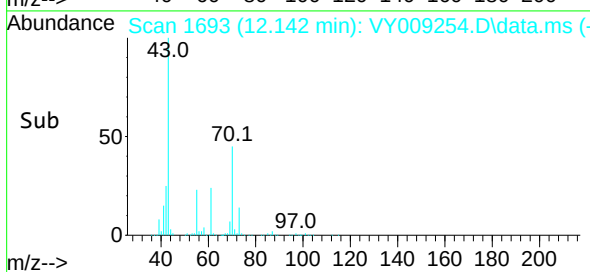
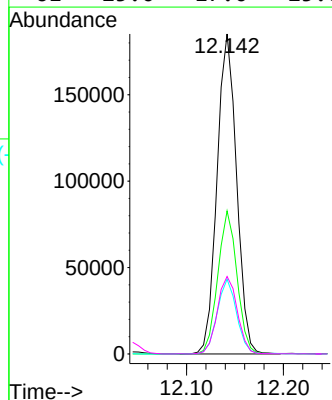
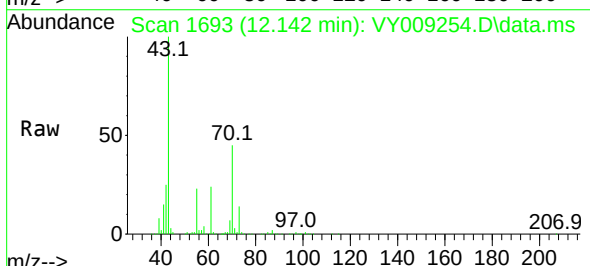
Ion Ratio Lower Upper

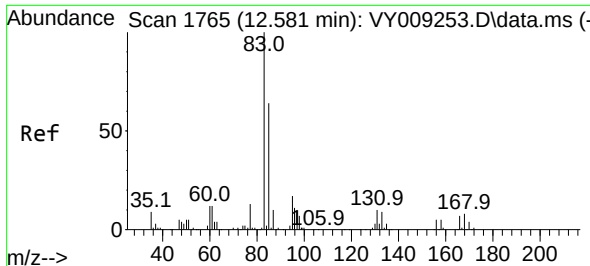
43 100

70 44.0 28.7 43.1#

55 23.3 17.3 25.9

61 25.0 17.0 25.6

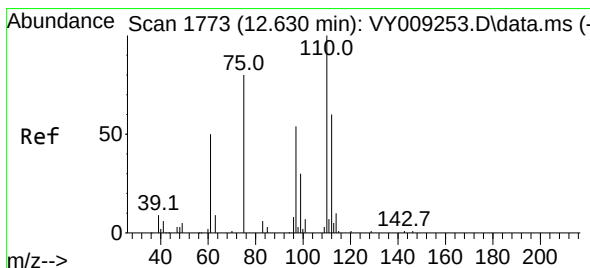
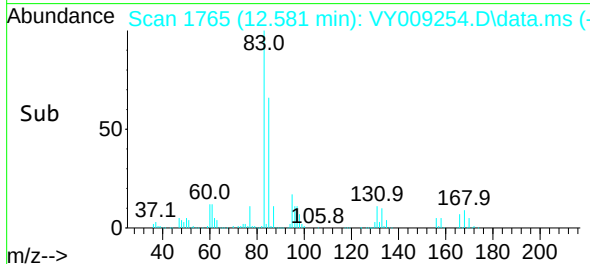
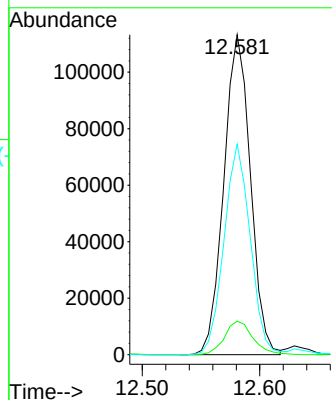
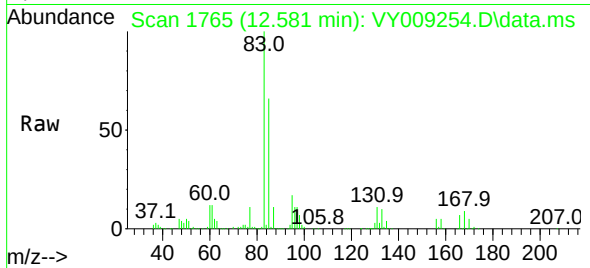




#75
1,1,2,2-Tetrachloroethane
Concen: 96.320 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

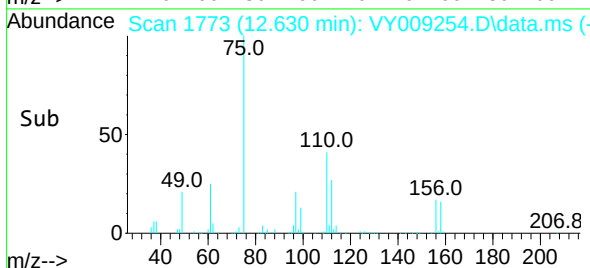
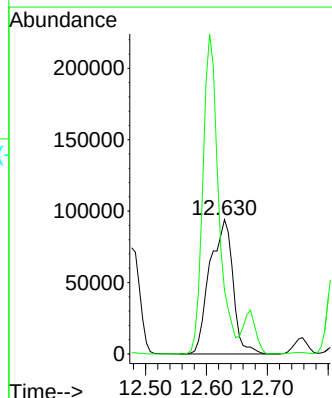
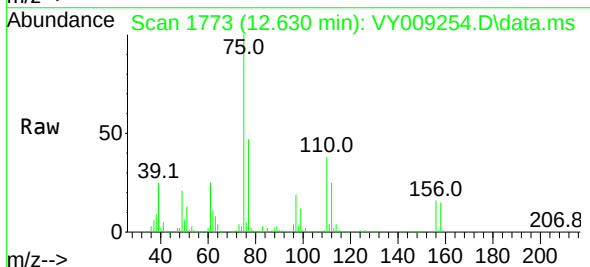
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

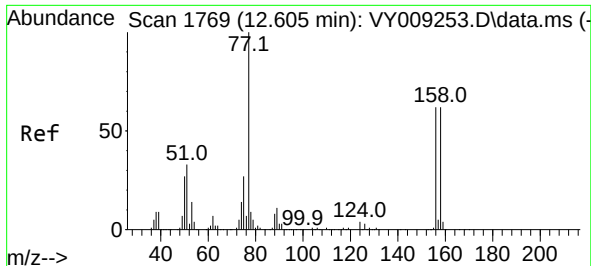
Tgt Ion: 83 Resp: 178240
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 179.567 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 75 Resp: 248634
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

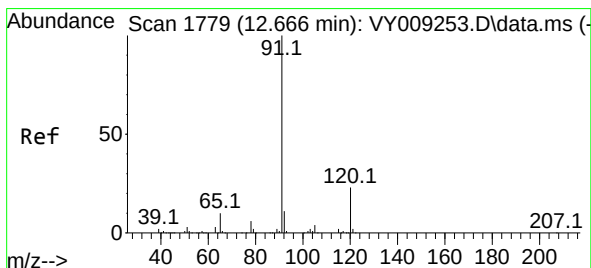
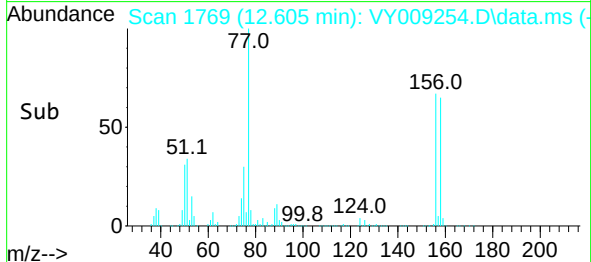
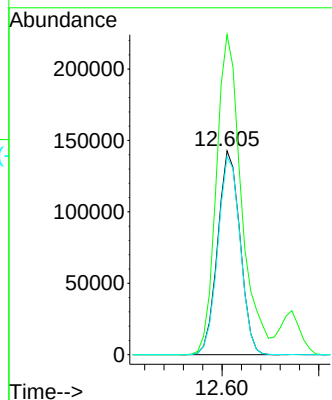
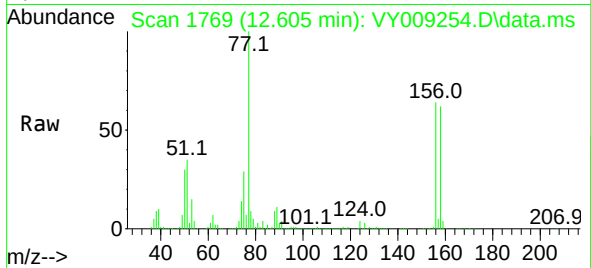




#77
Bromobenzene
Concen: 98.981 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

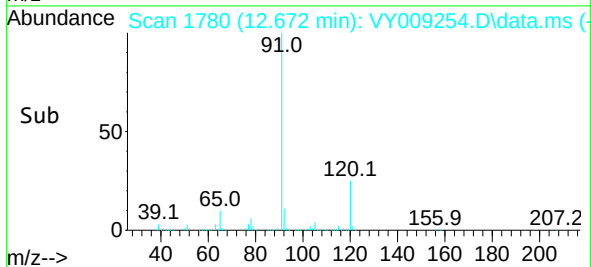
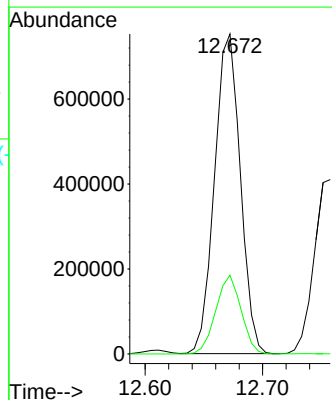
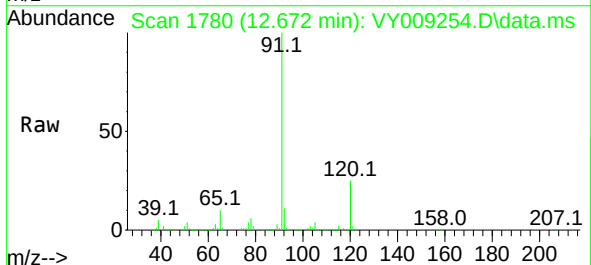
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

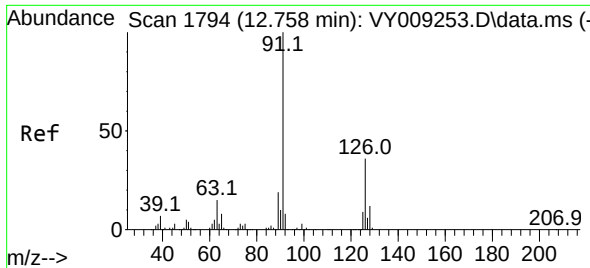
Tgt Ion:156 Resp: 228185
Ion Ratio Lower Upper
156 100
77 176.0 95.5 286.4
158 97.4 48.0 144.0



#78
n-propylbenzene
Concen: 100.855 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 91 Resp: 1146890
Ion Ratio Lower Upper
91 100
120 24.1 11.3 33.9

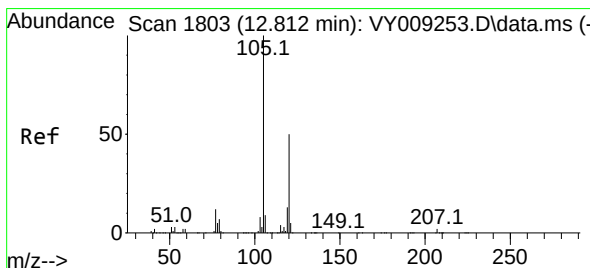
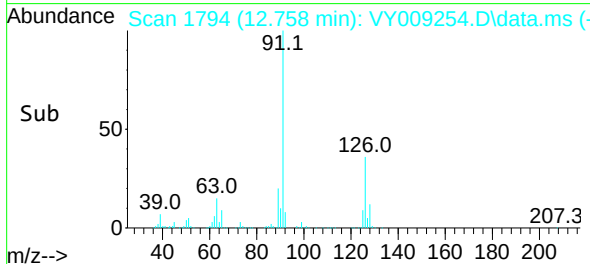
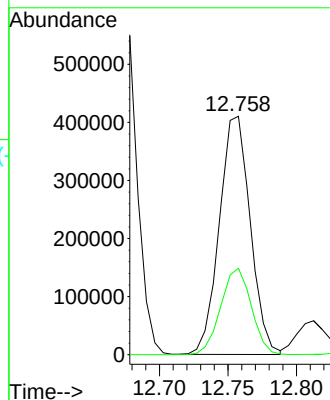
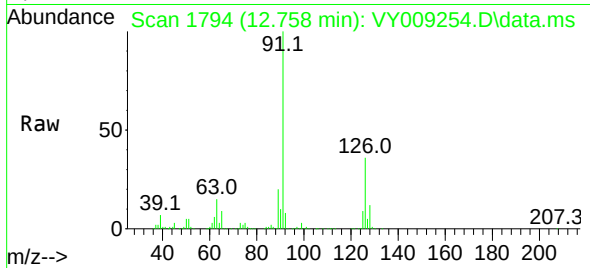




#79
2-Chlorotoluene
Concen: 100.495 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

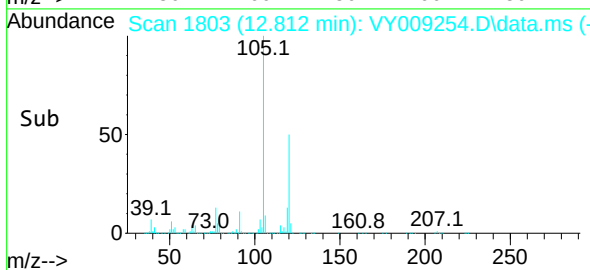
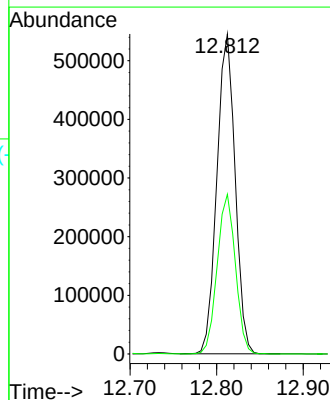
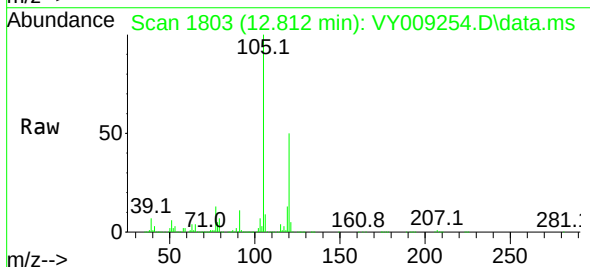
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

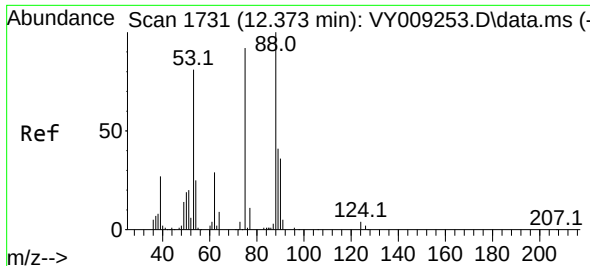
Tgt Ion: 91 Resp: 644857
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 101.710 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 105 Resp: 797789
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

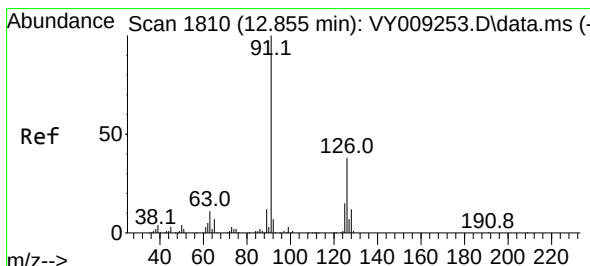
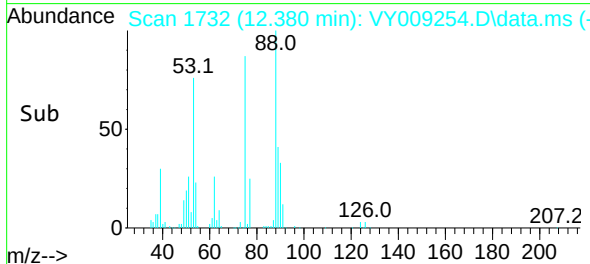
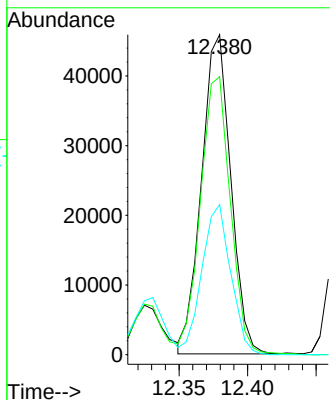
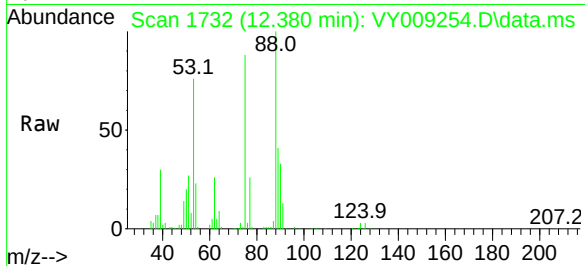




#81
trans-1,4-Dichloro-2-butene
Concen: 98.882 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

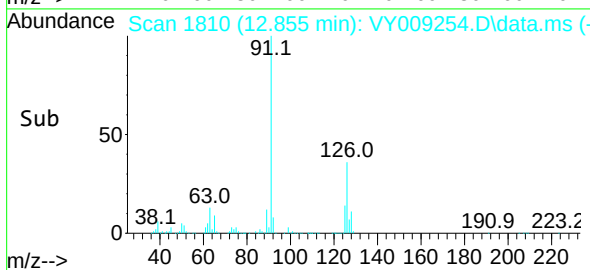
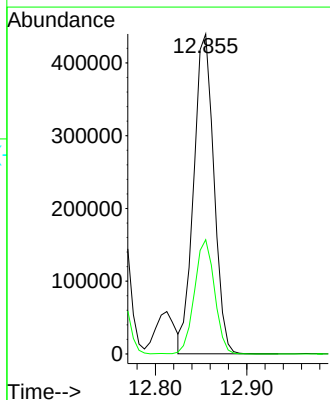
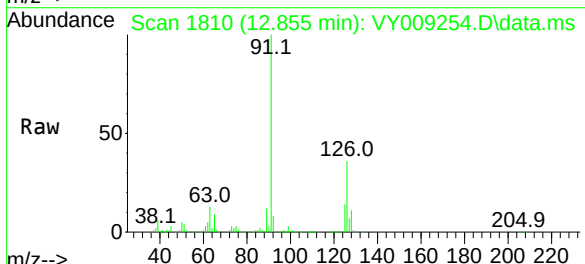
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

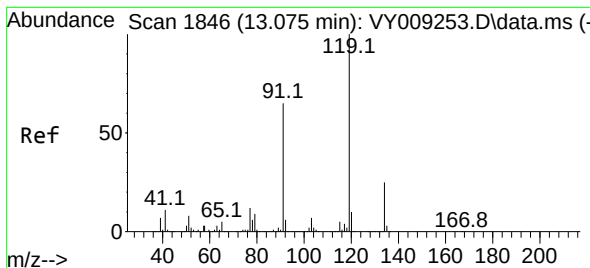
Tgt Ion: 75 Resp: 68163
Ion Ratio Lower Upper
75 100
53 89.1 85.3 127.9
89 46.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 100.479 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009254.D
Acq: 21 Jun 2022 13:18

Tgt Ion: 91 Resp: 672251
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

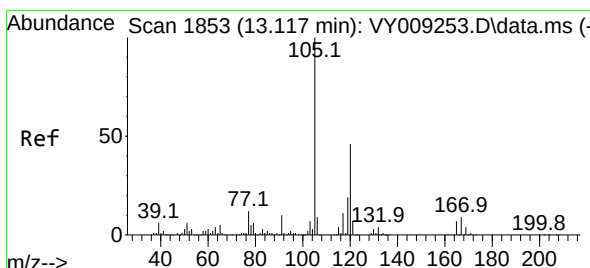
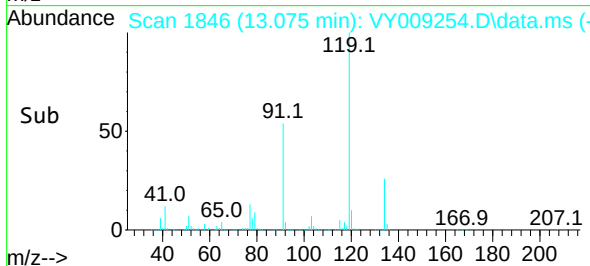
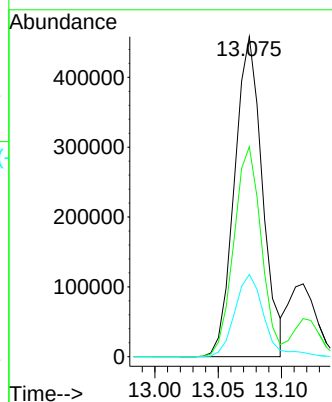
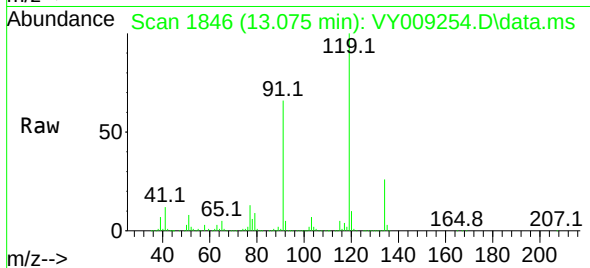




#83
 tert-Butylbenzene
 Concen: 102.410 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY009254.D
 Acq: 21 Jun 2022 13:18

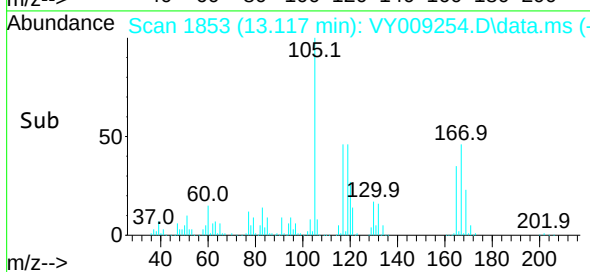
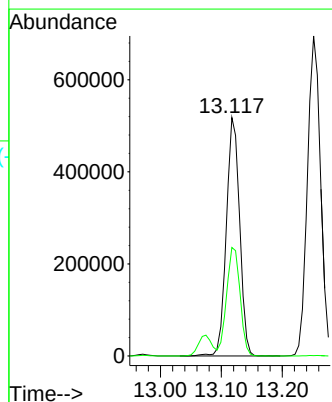
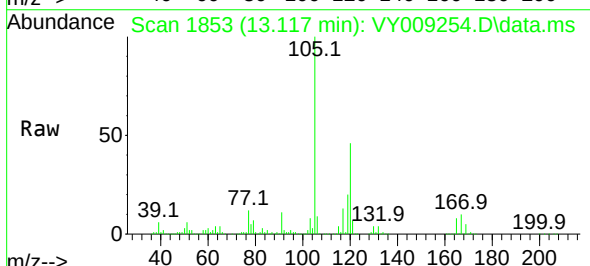
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

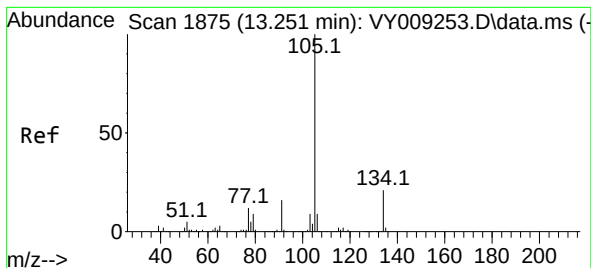
Tgt Ion:119 Resp: 704195
 Ion Ratio Lower Upper
 119 100
 91 64.5 34.8 104.4
 134 26.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 101.992 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY009254.D
 Acq: 21 Jun 2022 13:18

Tgt Ion:105 Resp: 785143
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 101.840 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

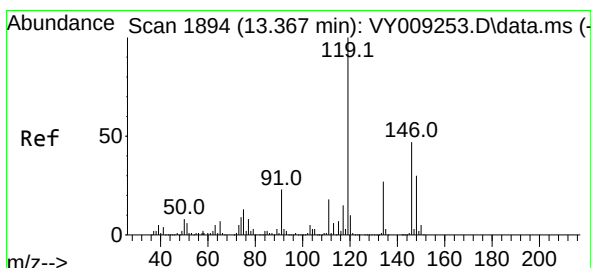
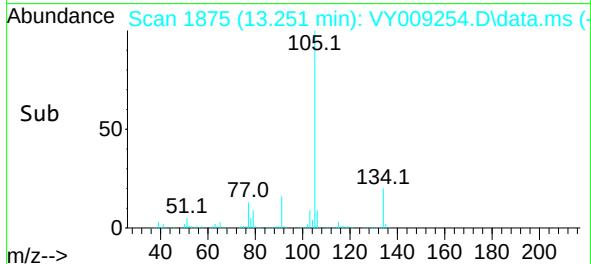
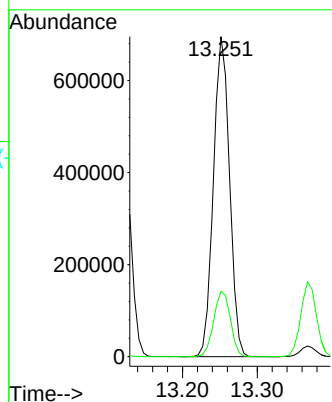
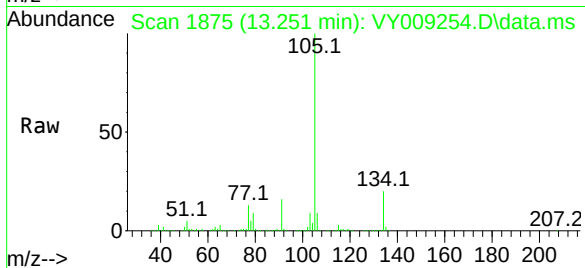
VSTDIC100

Tgt Ion:105 Resp: 1040910

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 103.112 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

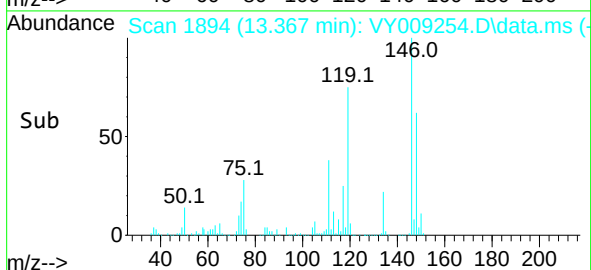
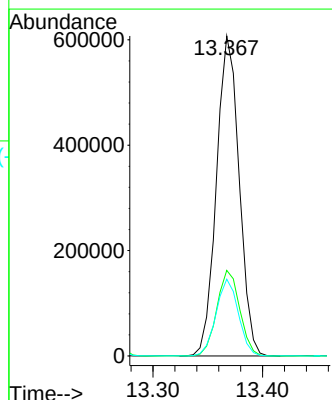
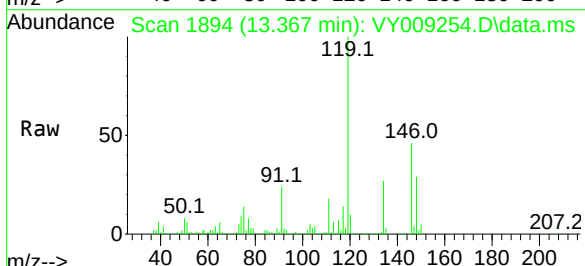
Tgt Ion:119 Resp: 874252

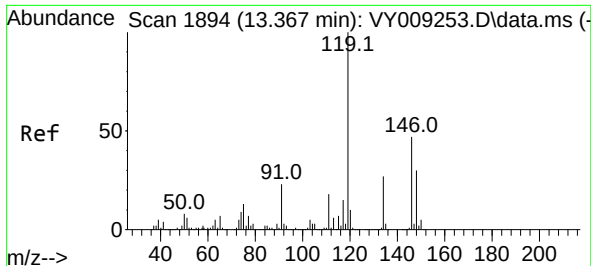
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 99.714 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

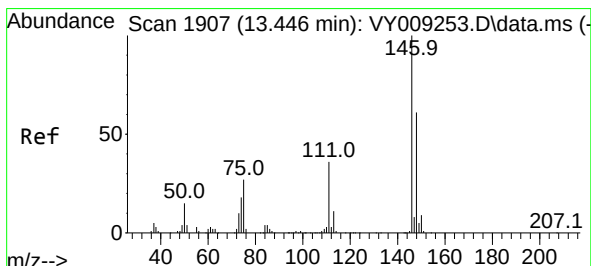
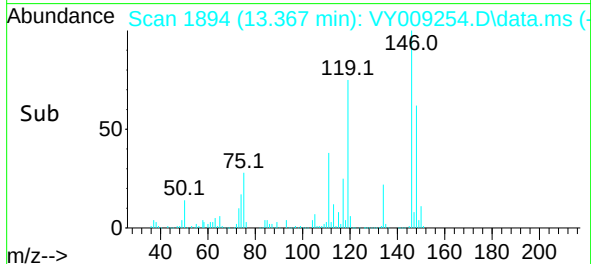
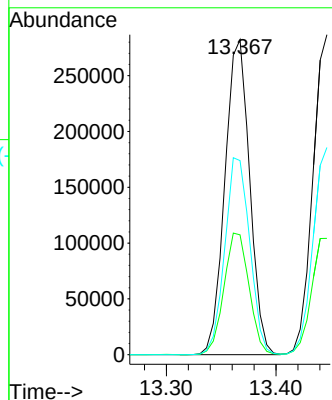
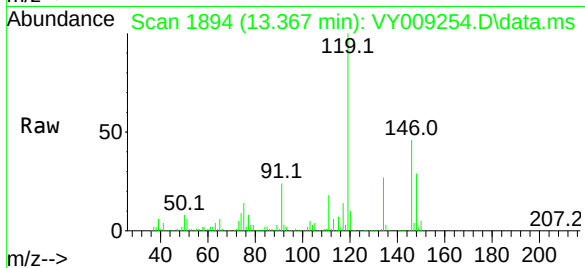
Tgt Ion:146 Resp: 442898

Ion Ratio Lower Upper

146 100

111 39.2 19.5 58.5

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 98.047 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

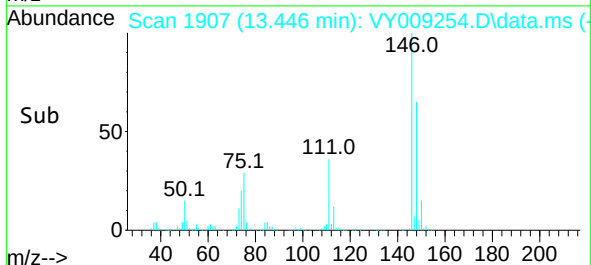
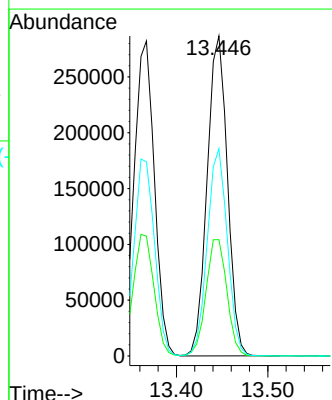
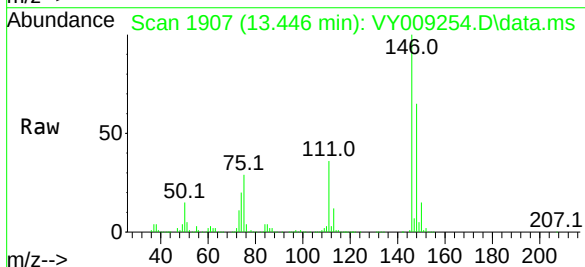
Tgt Ion:146 Resp: 441241

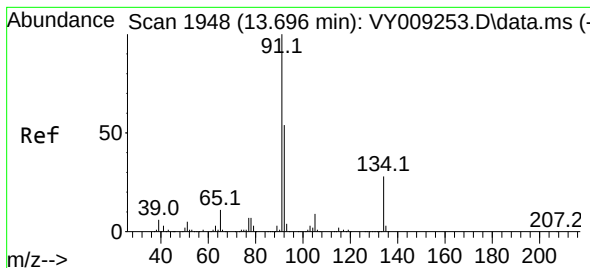
Ion Ratio Lower Upper

146 100

111 37.4 19.3 57.8

148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 100.811 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

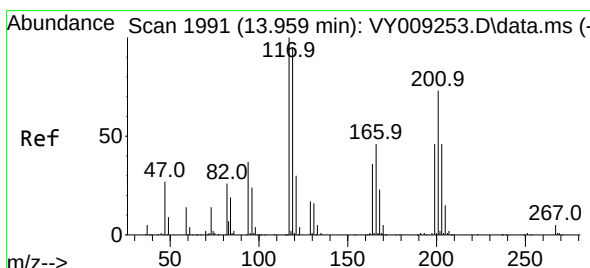
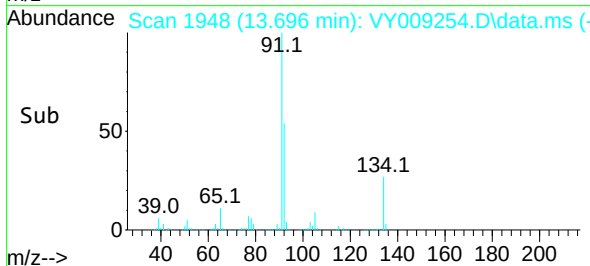
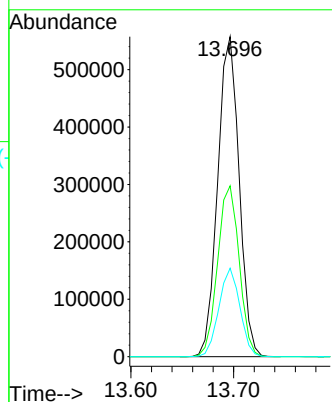
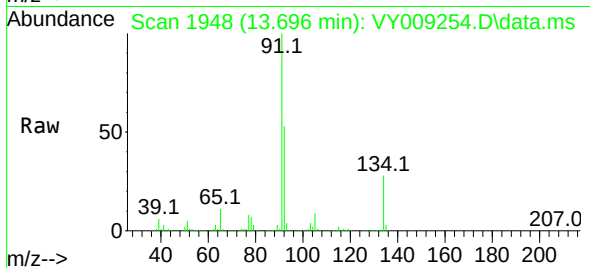
Tgt Ion: 91 Resp: 806552

Ion Ratio Lower Upper

91 100

92 53.8 26.3 78.9

134 27.2 13.0 38.9



#90

Hexachloroethane

Concen: 101.135 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009254.D

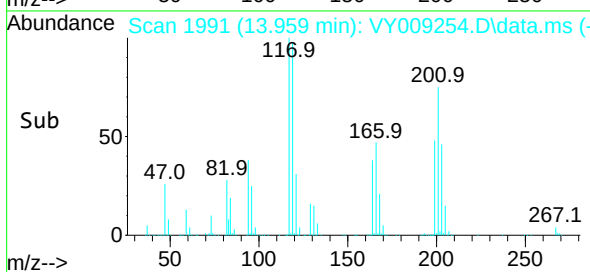
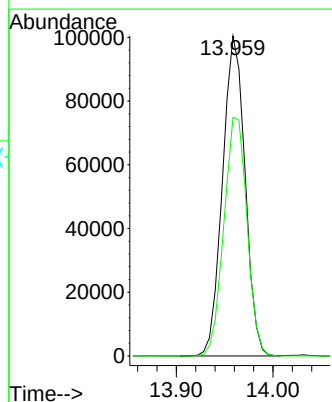
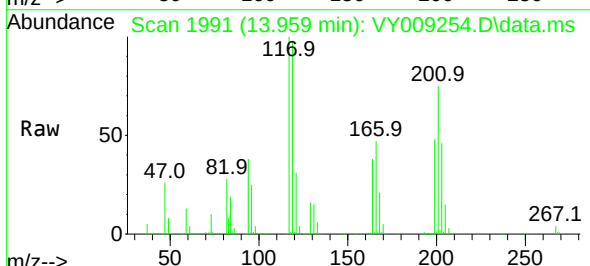
Acq: 21 Jun 2022 13:18

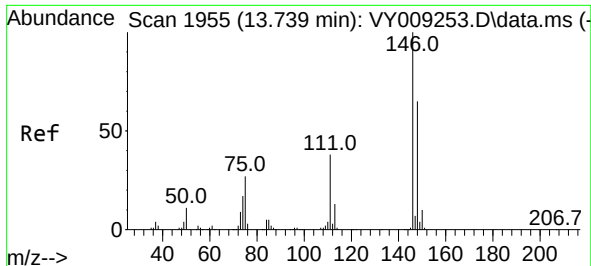
Tgt Ion: 117 Resp: 162451

Ion Ratio Lower Upper

117 100

201 76.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 99.279 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

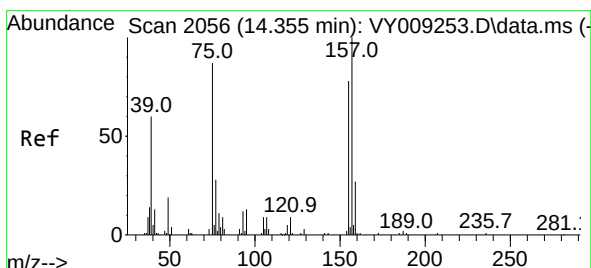
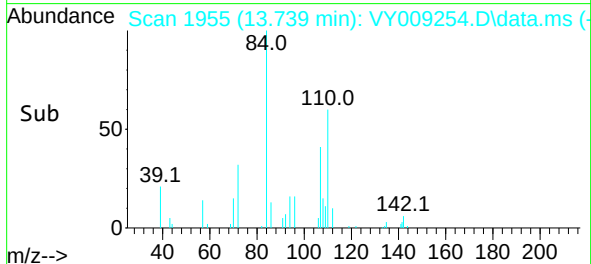
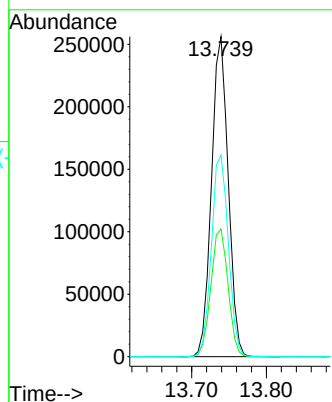
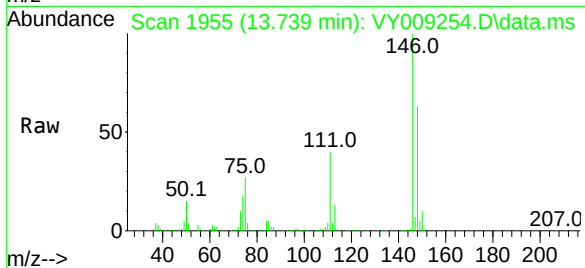
Tgt Ion:146 Resp: 397747

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 96.797 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

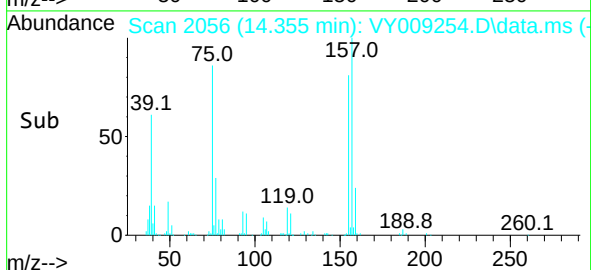
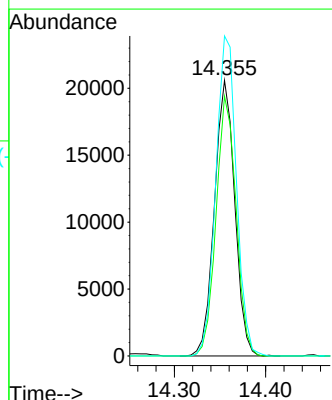
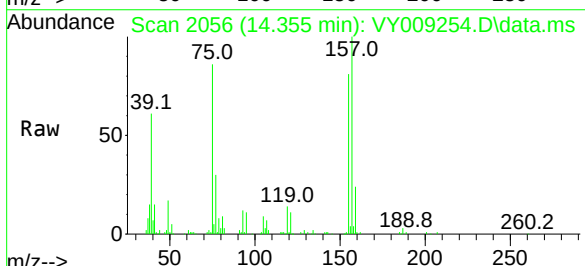
Tgt Ion: 75 Resp: 31831

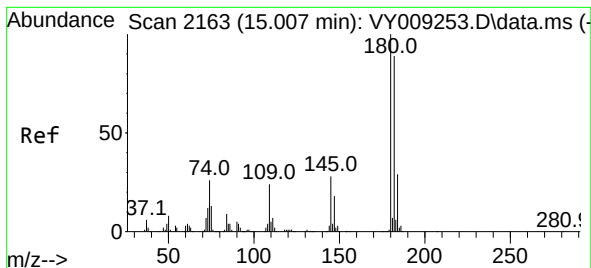
Ion Ratio Lower Upper

75 100

155 92.7 38.0 113.9

157 117.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 99.574 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

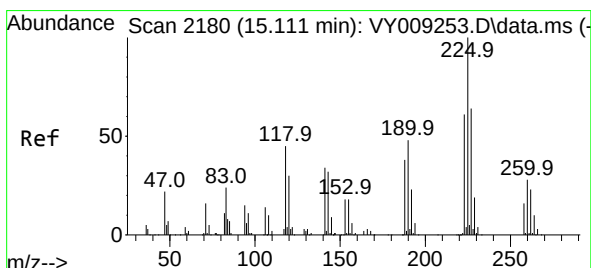
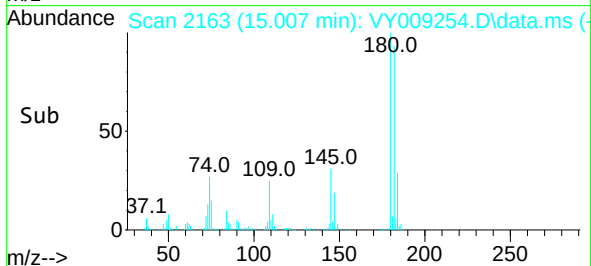
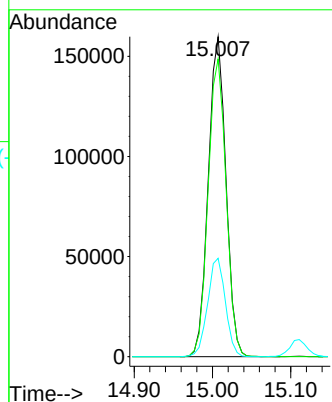
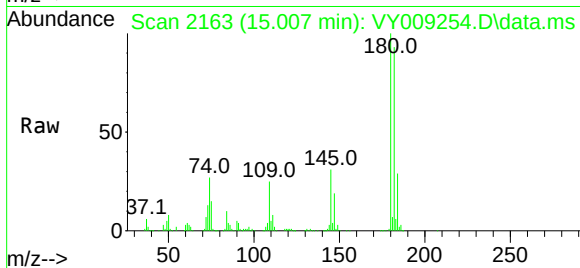
Tgt Ion:180 Resp: 249921

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 31.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 95.450 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

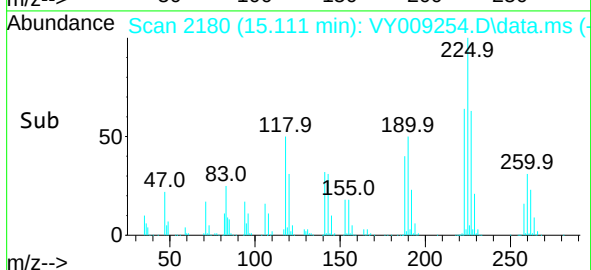
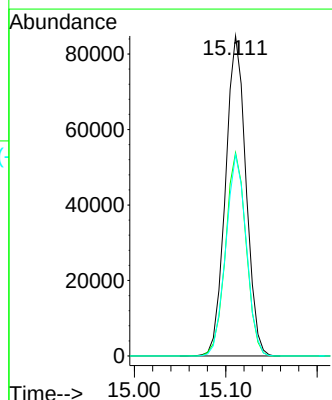
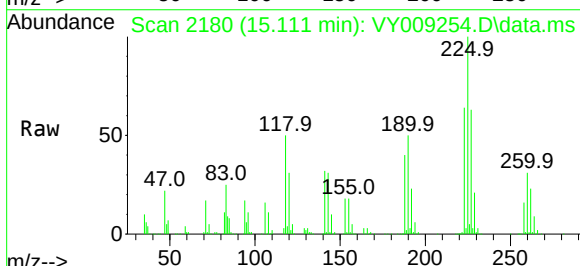
Tgt Ion:225 Resp: 131728

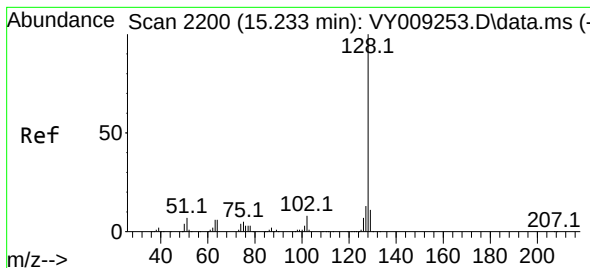
Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 62.9 31.6 94.7





#95

Naphthalene

Concen: 102.192 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

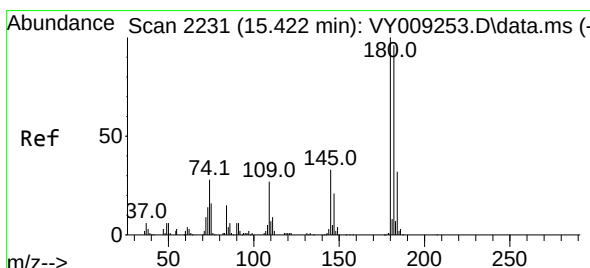
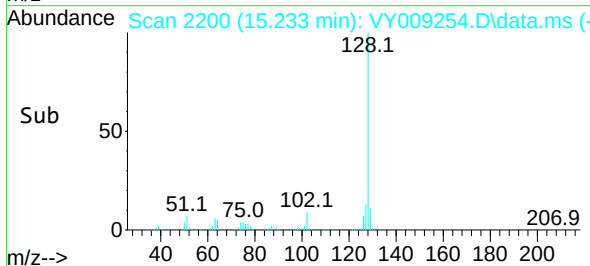
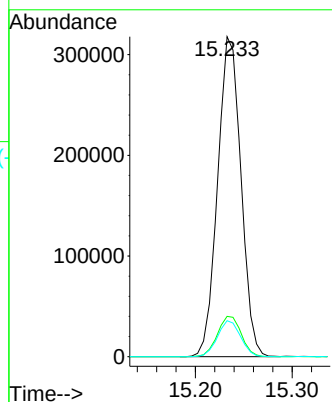
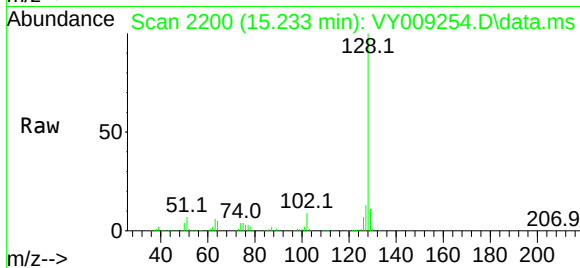
Tgt Ion:128 Resp: 532042

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 99.810 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009254.D

Acq: 21 Jun 2022 13:18

Tgt Ion:180 Resp: 218912

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 31.8 15.3 45.9

