

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008916.D
 Acq On : 20 May 2022 20:10
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 20 23:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 22:58:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	299580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152254	90.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.940%#	
35) Dibromofluoromethane	7.716	113	170199	99.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 199.320%#	
50) Toluene-d8	10.179	98	600143	93.774	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 187.540%#	
62) 4-Bromofluorobenzene	12.477	95	327275	134.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 268.960%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	158611	104.592	ug/l	98
3) Chloromethane	2.113	50	202648	87.754	ug/l	96
4) Vinyl Chloride	2.247	62	307730	93.878	ug/l	98
5) Bromomethane	2.625	94	299549	117.729	ug/l	98
6) Chloroethane	2.784	64	225776	94.775	ug/l	99
7) Trichlorofluoromethane	3.119	101	272747	90.445	ug/l	91
8) Diethyl Ether	3.527	74	91423	105.951	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	173229	95.634	ug/l	93
10) Methyl Iodide	4.088	142	220119	109.032	ug/l	92
11) Tert butyl alcohol	4.954	59	89885	463.520	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	162417	98.329	ug/l	84
13) Acrolein	3.723	56	16401	181.056	ug/l	94
14) Allyl chloride	4.479	41	258628	105.698	ug/l #	90
15) Acrylonitrile	5.155	53	267106	473.324	ug/l	99
16) Acetone	3.942	43	172331	385.478	ug/l	90
17) Carbon Disulfide	4.186	76	540320	107.681	ug/l	99
18) Methyl Acetate	4.472	43	117829	82.567	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	533344	118.282	ug/l	96
20) Methylene Chloride	4.710	84	206803	87.781	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	223887	110.290	ug/l	86
22) Diisopropyl ether	6.112	45	676361	128.605	ug/l #	95
23) Vinyl Acetate	6.058	43	2252355	614.638	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	370690	108.147	ug/l	99
25) 2-Butanone	6.984	43	356523	484.280	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	339561	105.067	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	253546	111.881	ug/l	85
28) Bromochloromethane	7.332	49	125381	99.877	ug/l #	83
29) Tetrahydrofuran	7.344	42	250828	509.614	ug/l #	81
30) Chloroform	7.502	83	404965	110.424	ug/l	98
31) Cyclohexane	7.783	56	350295	108.028	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	371654	109.327	ug/l	97
36) 1,1-Dichloropropene	7.911	75	318700	109.410	ug/l	97
37) Ethyl Acetate	7.070	43	163308	96.461	ug/l #	93
38) Carbon Tetrachloride	7.899	117	340600	109.575	ug/l	99
39) Methylcyclohexane	9.179	83	435973	123.644	ug/l	88
40) Benzene	8.155	78	941045	115.086	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	229707	257.594	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	266175	110.867	ug/l	92
43) Isopropyl Acetate	8.271	43	317831	110.841	ug/l #	91
44) Trichloroethene	8.935	130	248114	112.187	ug/l	97
45) 1,2-Dichloropropane	9.215	63	222200	113.950	ug/l	94
46) Dibromomethane	9.301	93	145296	113.833	ug/l	95
47) Bromodichloromethane	9.496	83	327472	115.596	ug/l	98
48) Methyl methacrylate	9.289	41	147741	116.378	ug/l #	85
49) 1,4-Dioxane	9.295	88	39340	2117.555	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	915914	546.597	ug/l #	87
52) Toluene	10.240	92	717170	128.167	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	372819	125.930	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	387673	121.625	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	211171	121.671	ug/l	98
56) Ethyl methacrylate	10.508	69	298081	139.609	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	333699	116.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	578750	552.631	ug/l	94
59) 2-Hexanone	10.831	43	642140	541.342	ug/l	84
60) Dibromochloromethane	10.983	129	268476	128.020	ug/l	100
61) 1,2-Dibromoethane	11.087	107	213426	123.088	ug/l	100
64) Tetrachloroethene	10.715	164	229392	108.610	ug/l	99
65) Chlorobenzene	11.514	112	748884	112.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	287941	117.988	ug/l	97
67) Ethyl Benzene	11.593	91	1407727	117.792	ug/l	97
68) m/p-Xylenes	11.703	106	1161661	242.519	ug/l	91
69) o-Xylene	12.032	106	521636	117.968	ug/l	89
70) Styrene	12.044	104	971713	128.786	ug/l	93
71) Bromoform	12.203	173	204143	123.287	ug/l #	99
73) Isopropylbenzene	12.331	105	1523419	110.455	ug/l	99
74) N-amyl acetate	12.142	43	334930	102.352	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	289895	95.821	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	370177	162.096	ug/l #	100
77) Bromobenzene	12.611	156	341717	106.983	ug/l	92
78) n-propylbenzene	12.672	91	1819451	115.087	ug/l	98
79) 2-Chlorotoluene	12.758	91	982149	106.925	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	1273562	113.701	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	106029	102.226	ug/l #	81
82) 4-Chlorotoluene	12.855	91	1054926	108.350	ug/l	96
83) tert-Butylbenzene	13.075	119	1131371	112.737	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	1259203	113.364	ug/l	96
85) sec-Butylbenzene	13.251	105	1695598	108.413	ug/l	99
86) p-Isopropyltoluene	13.367	119	1458705	114.146	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	740279	109.985	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	723691	108.788	ug/l	98
89) n-Butylbenzene	13.696	91	1244219	103.347	ug/l	97
90) Hexachloroethane	13.959	117	255542	105.973	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	654043	111.438	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	44297	86.825	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	354530	110.712	ug/l	99
94) Hexachlorobutadiene	15.111	225	181571	99.215	ug/l	99
95) Naphthalene	15.239	128	763210	108.354	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	307478	109.620	ug/l	99

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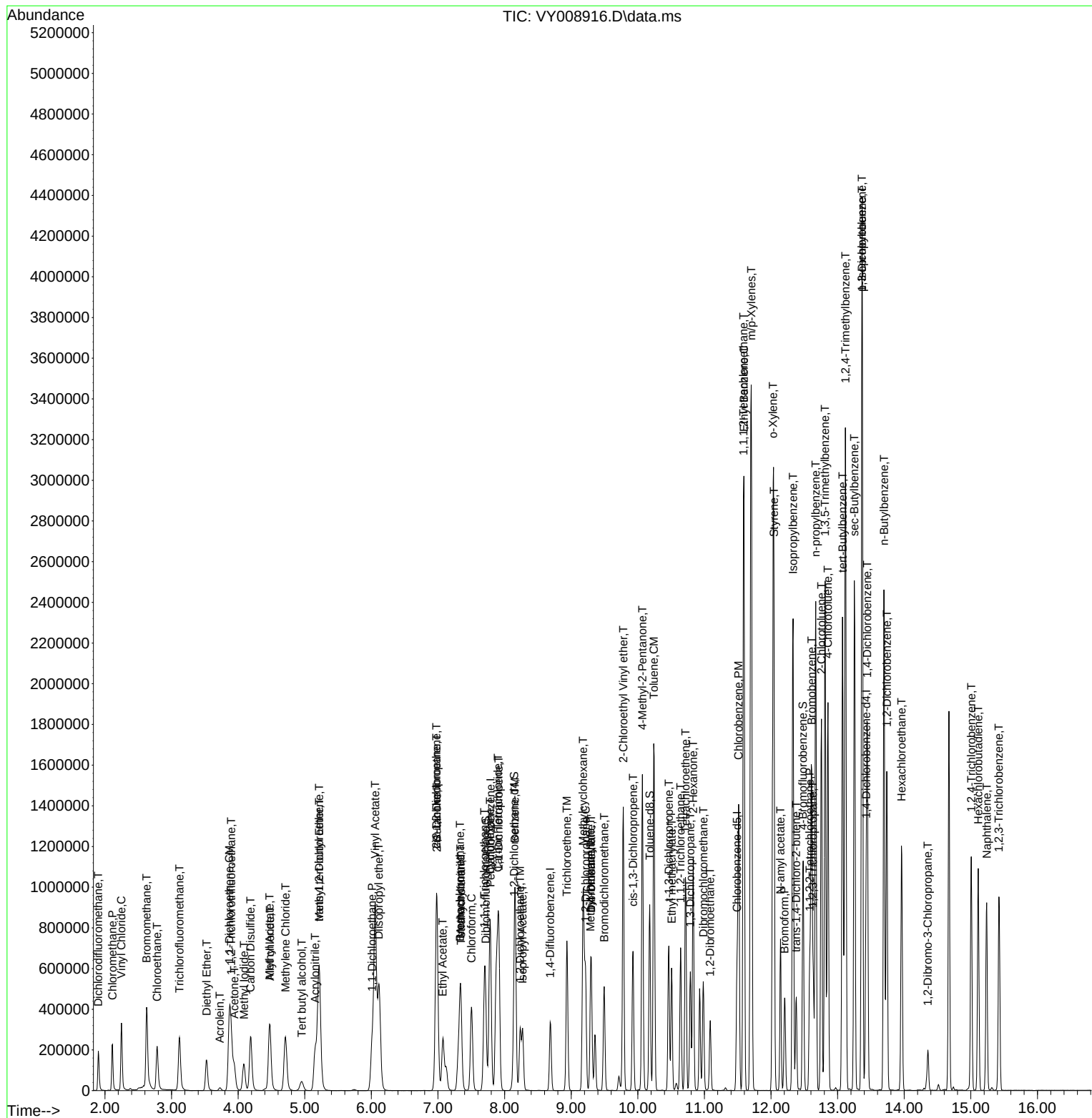
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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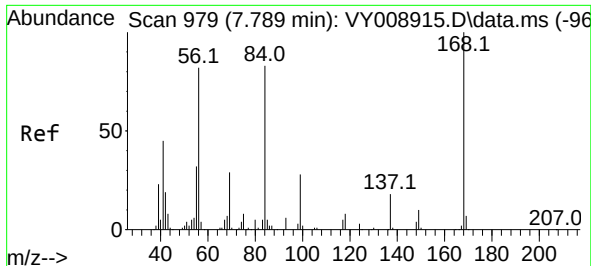
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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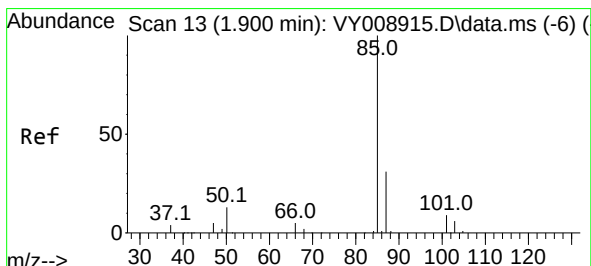
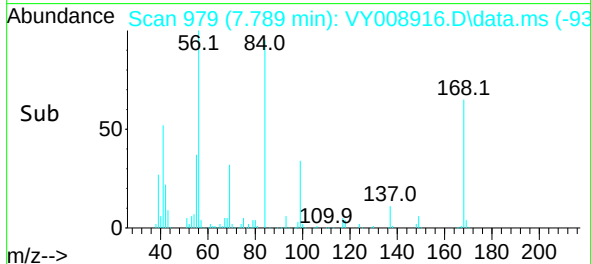
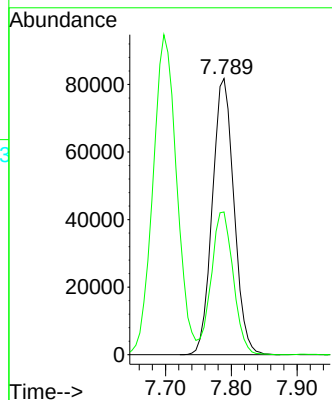
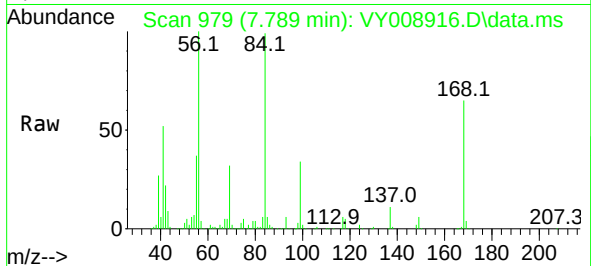




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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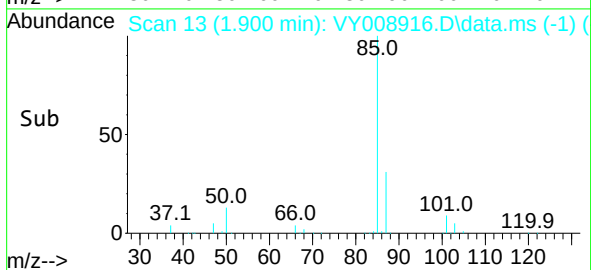
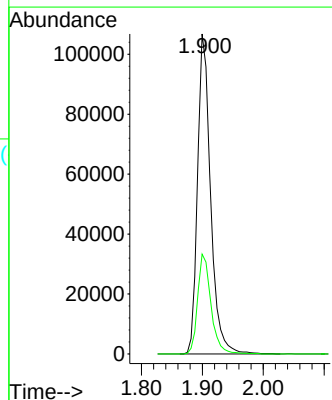
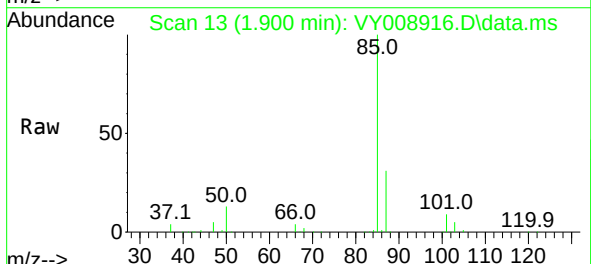
Instrument :
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ClientSampleId :
VSTDICC100

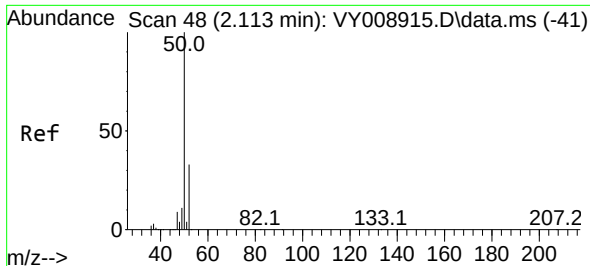
Tgt Ion:168 Resp: 187318
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 104.592 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 85 Resp: 158611
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2

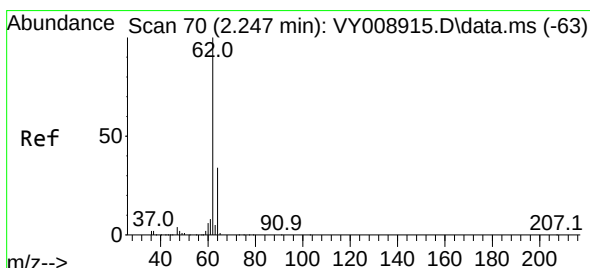
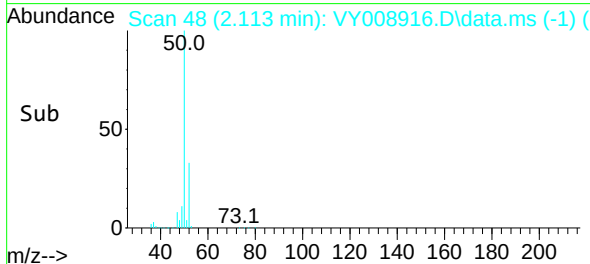
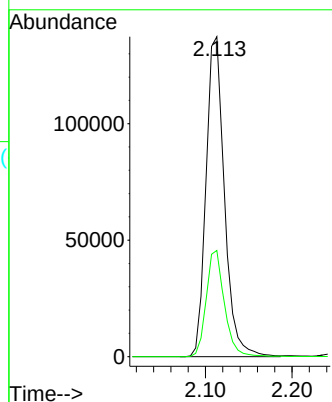
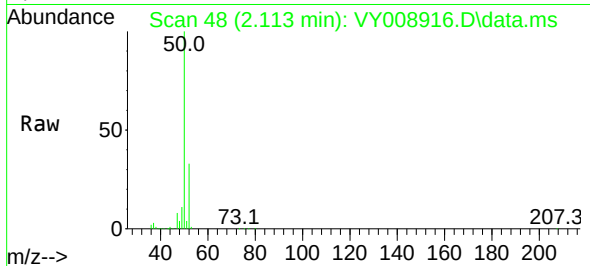




#3
Chloromethane
Concen: 87.754 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

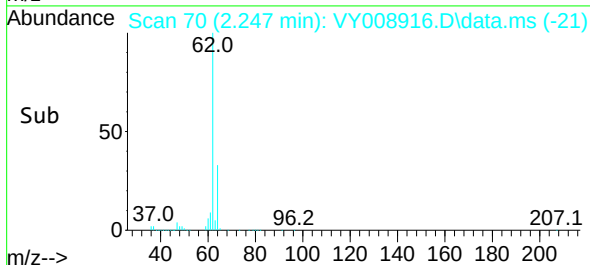
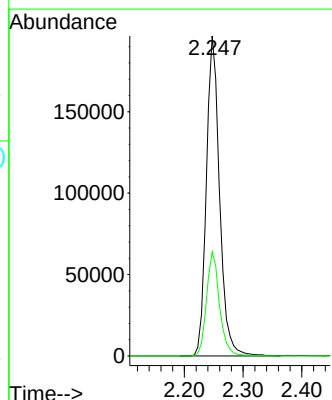
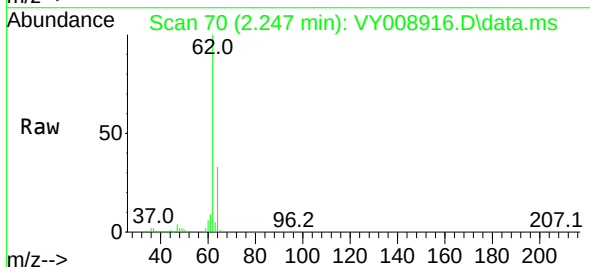
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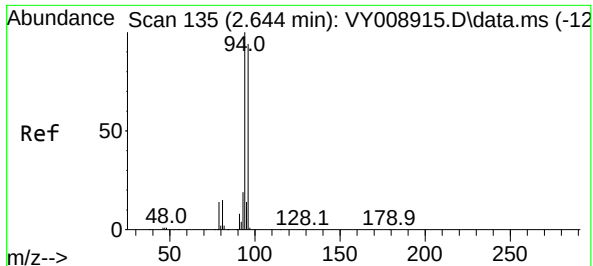
Tgt Ion: 50 Resp: 202648
Ion Ratio Lower Upper
50 100
52 33.2 24.6 37.0



#4
Vinyl Chloride
Concen: 93.878 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 62 Resp: 307730
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

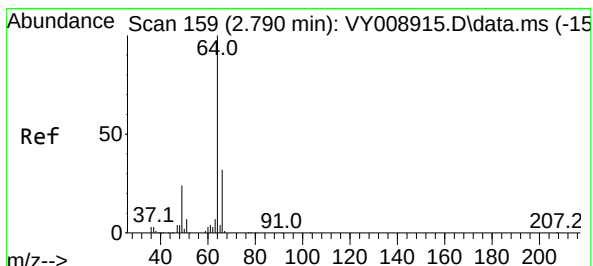
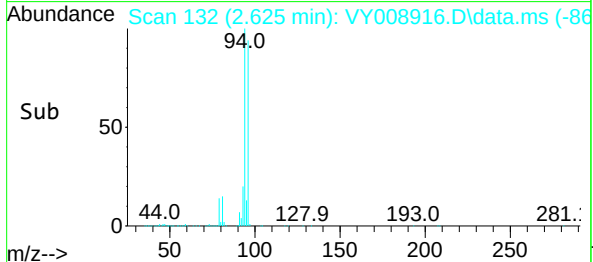
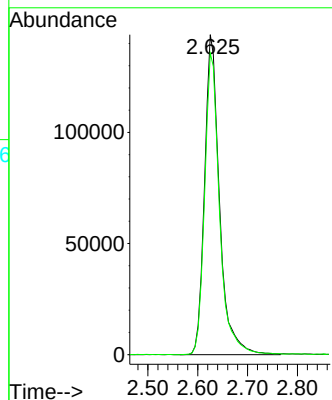
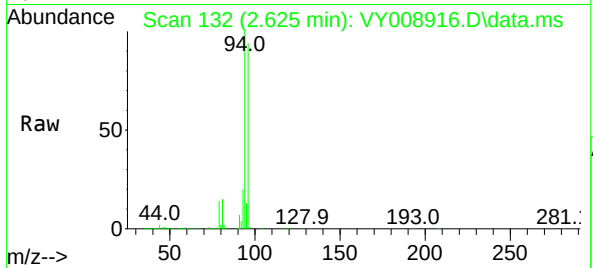




#5
Bromomethane
Concen: 117.729 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
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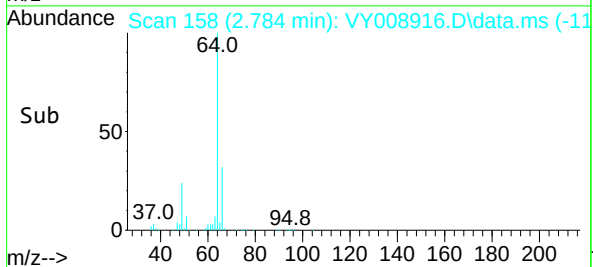
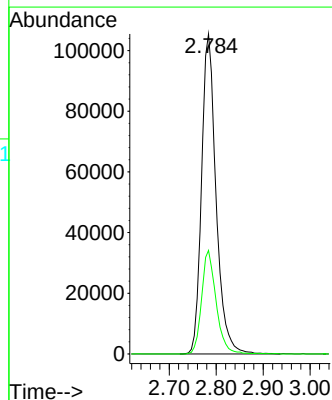
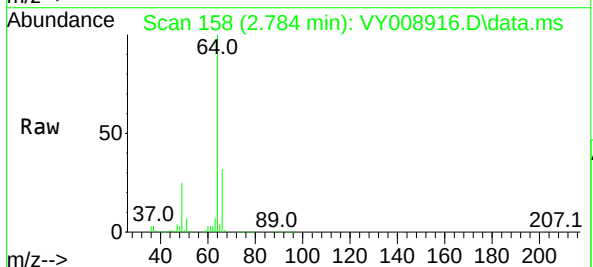
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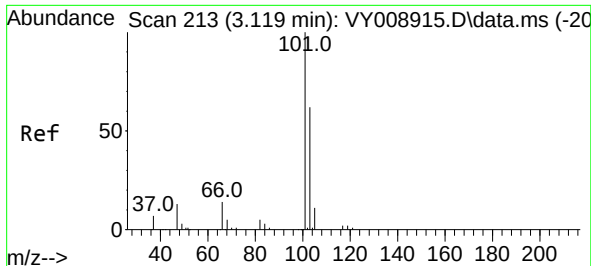
Tgt Ion: 94 Resp: 299549
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3



#6
Chloroethane
Concen: 94.775 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008916.D
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Tgt Ion: 64 Resp: 225776
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

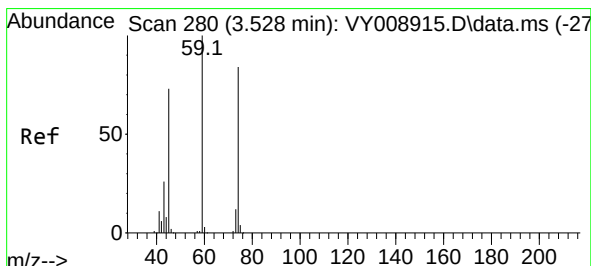
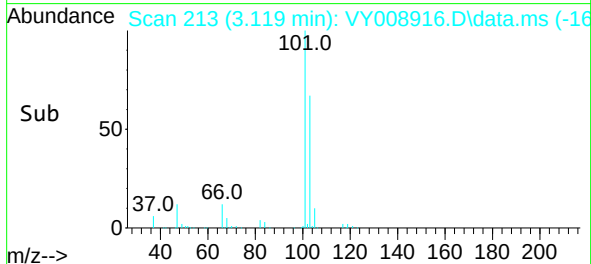
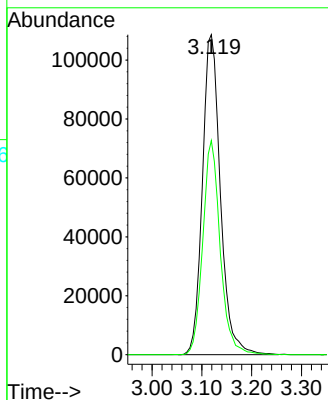
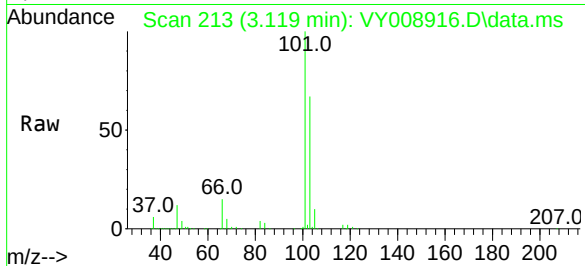




#7
 Trichlorofluoromethane
 Concen: 90.445 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY008916.D
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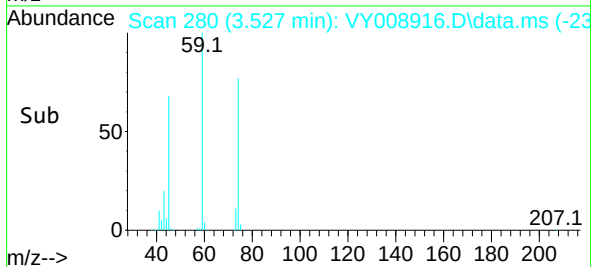
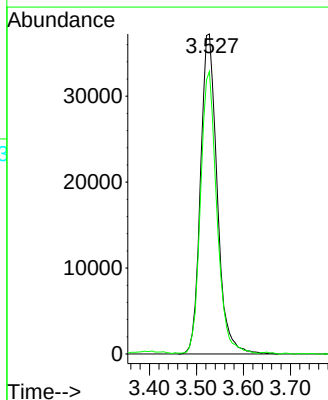
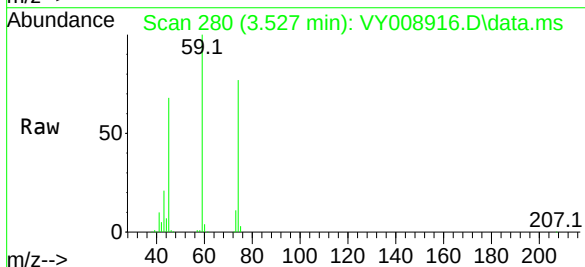
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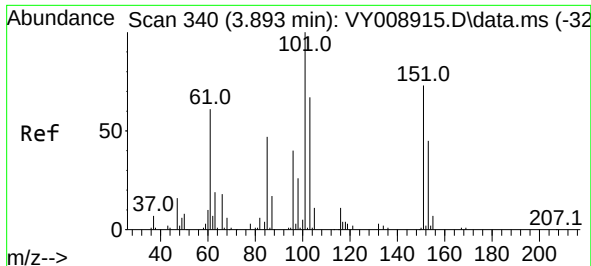
Tgt Ion:101 Resp: 272747
 Ion Ratio Lower Upper
 101 100
 103 66.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 105.951 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY008916.D
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Tgt Ion: 74 Resp: 91423
 Ion Ratio Lower Upper
 74 100
 45 86.5 55.1 165.5

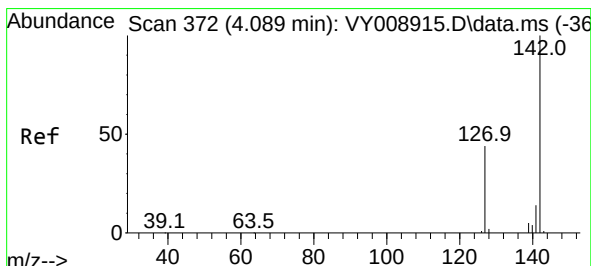
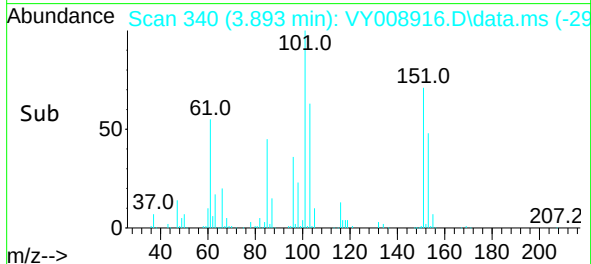
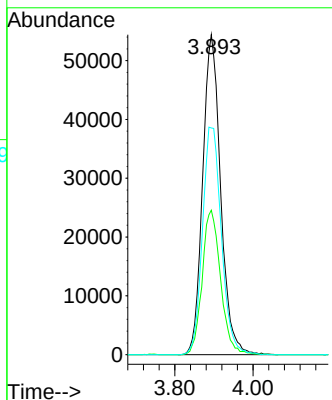
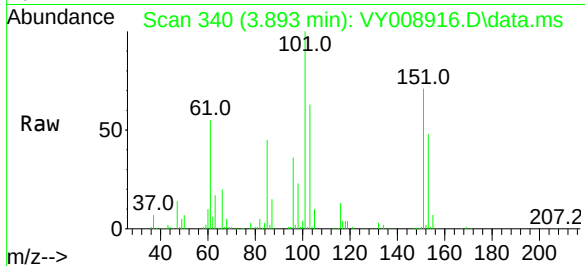




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.634 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

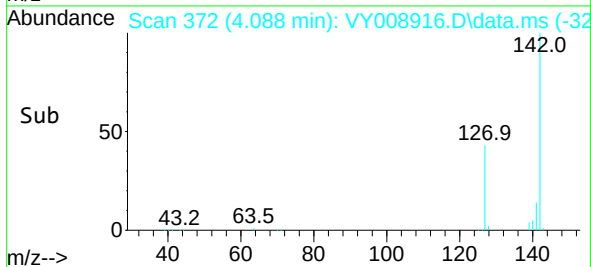
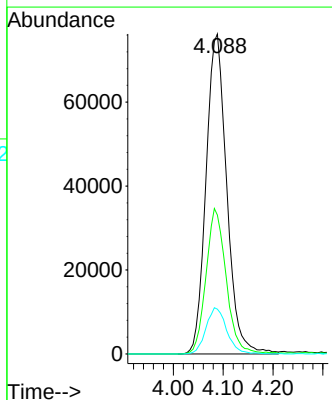
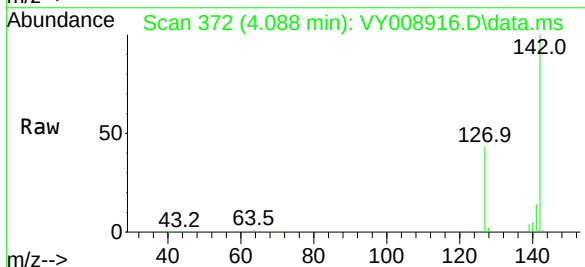
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

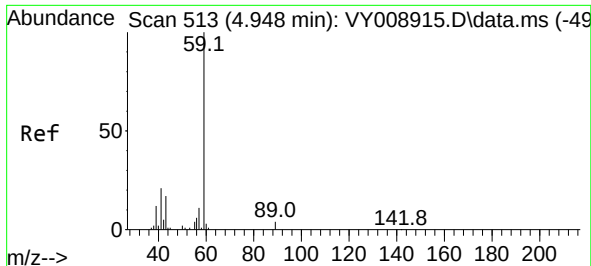
Tgt Ion:101 Resp: 173229
Ion Ratio Lower Upper
101 100
85 46.2 40.6 60.8
151 75.0 64.9 97.3



#10
Methyl Iodide
Concen: 109.032 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion:142 Resp: 220119
Ion Ratio Lower Upper
142 100
127 44.5 41.5 62.3
141 14.5 11.9 17.9

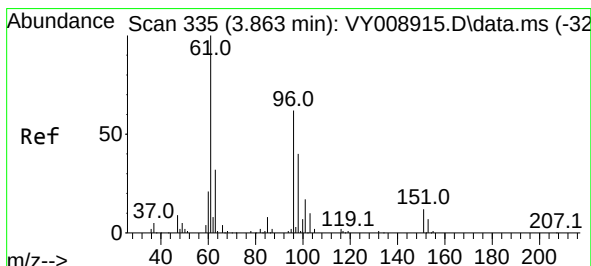
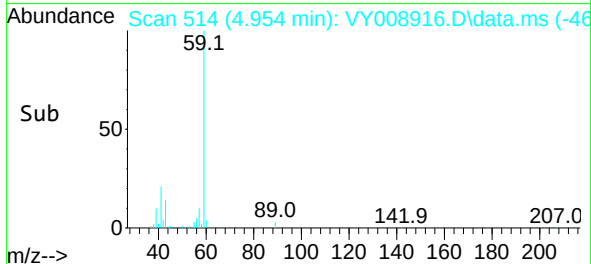
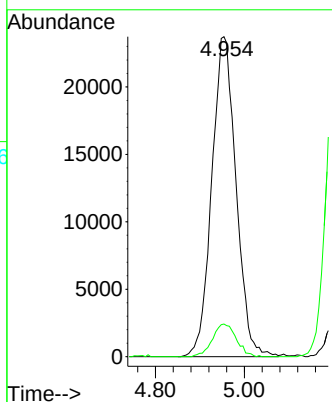
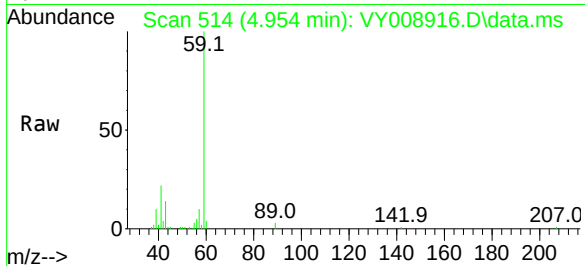




#11
Tert butyl alcohol
Concen: 463.520 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

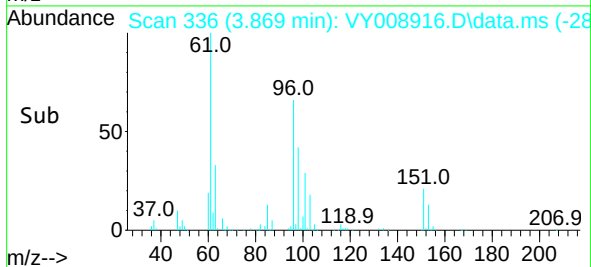
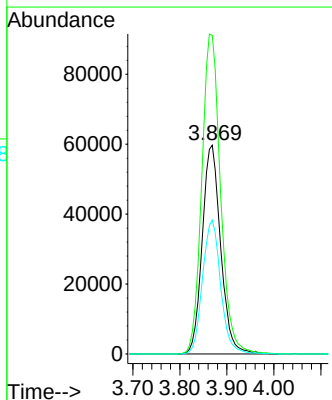
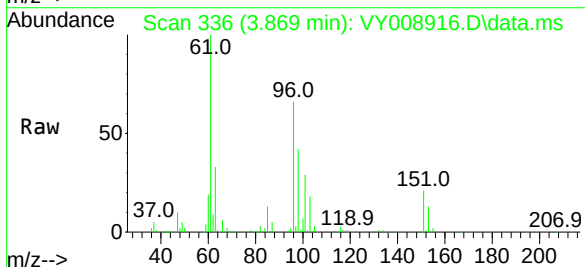
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

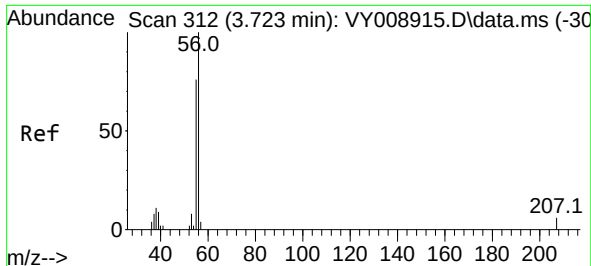
Tgt Ion: 59 Resp: 89885
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 98.329 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

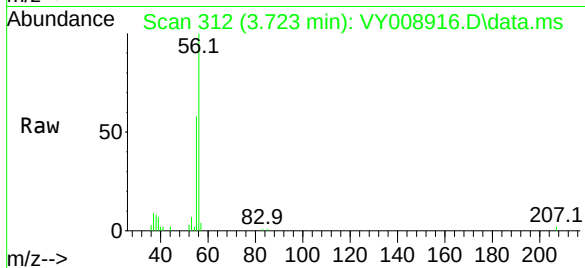
Tgt Ion: 96 Resp: 162417
Ion Ratio Lower Upper
96 100
61 152.6 145.8 218.6
98 64.2 52.5 78.7



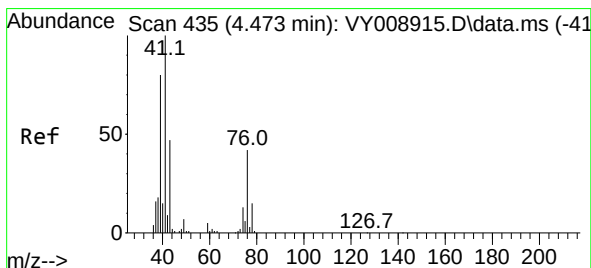
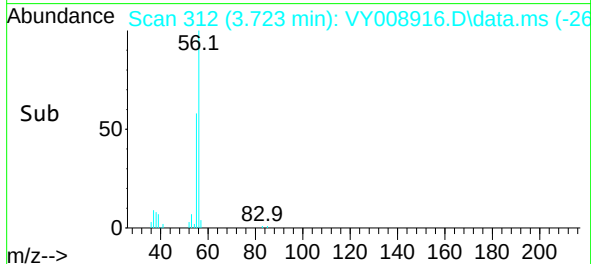
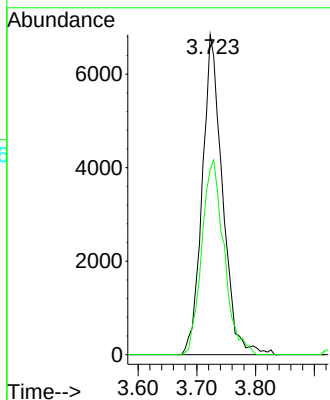


#13
Acrolein
Concen: 181.056 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

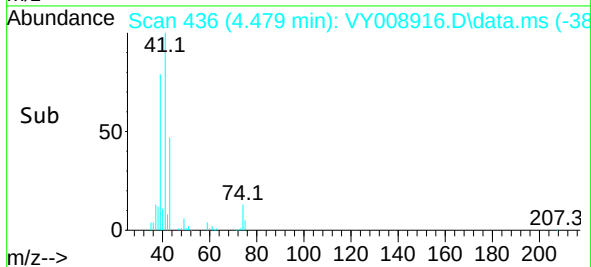
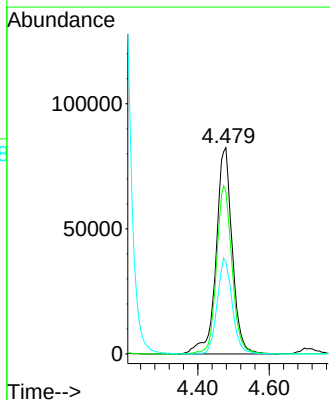
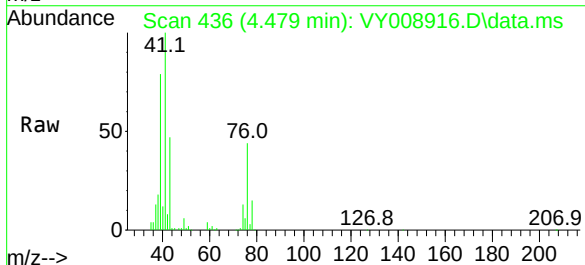


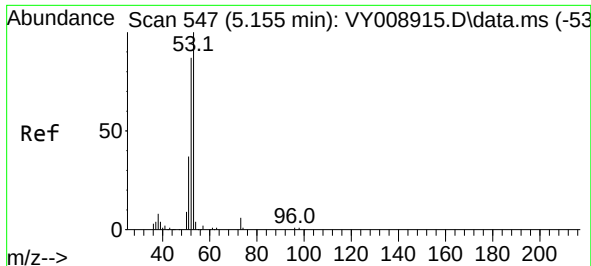
Tgt Ion: 56 Resp: 16401
Ion Ratio Lower Upper
56 100
55 67.1 57.6 86.4



#14
Allyl chloride
Concen: 105.698 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

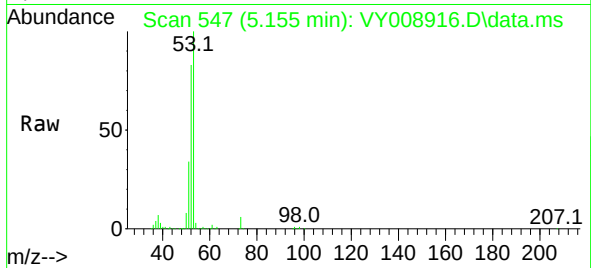
Tgt Ion: 41 Resp: 258628
Ion Ratio Lower Upper
41 100
39 78.3 58.8 88.2
76 42.9 25.1 37.7#



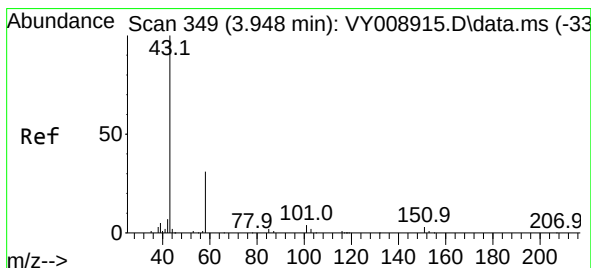
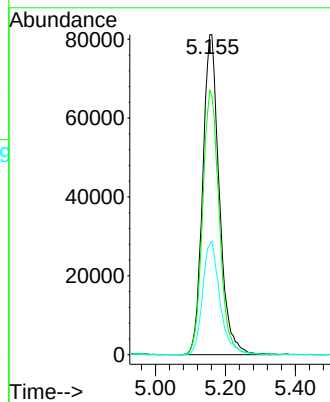
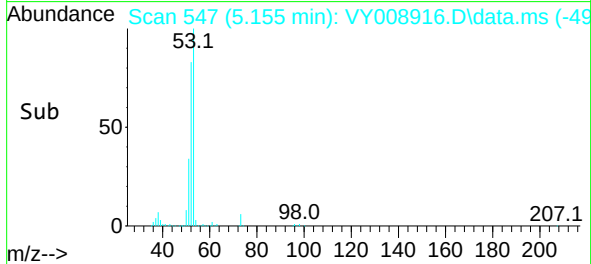


#15
Acrylonitrile
Concen: 473.324 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

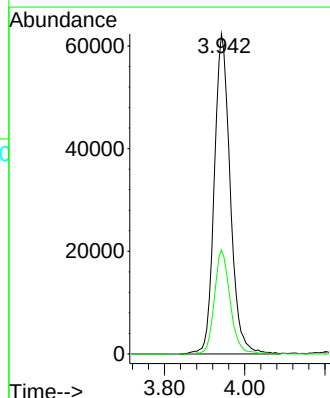
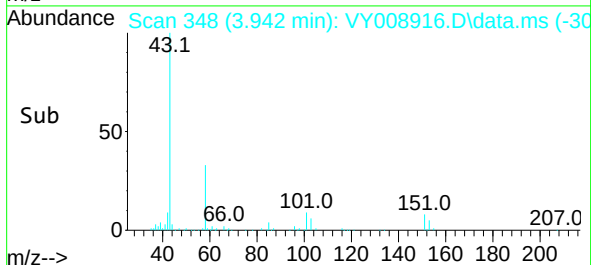
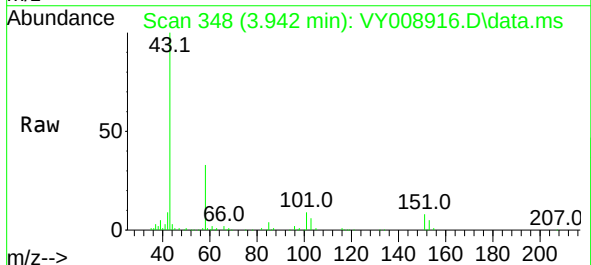


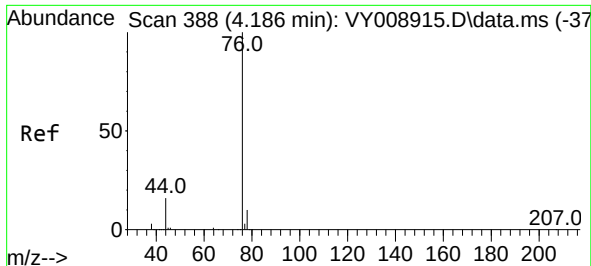
Tgt Ion: 53 Resp: 267106
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.4
51 37.0 29.8 44.6



#16
Acetone
Concen: 385.478 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 43 Resp: 172331
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0

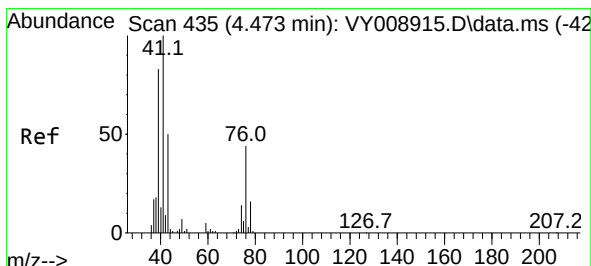
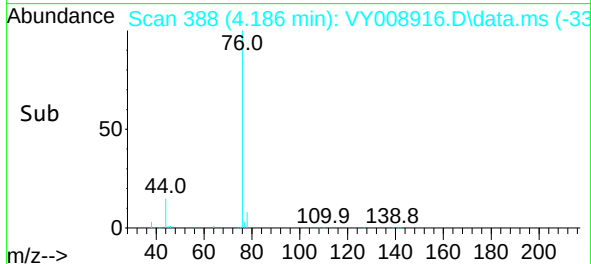
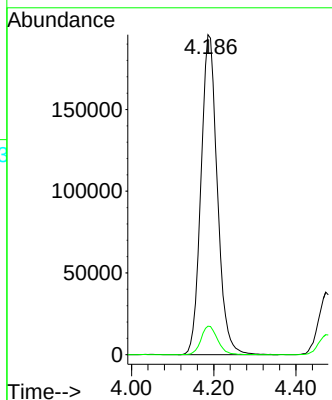
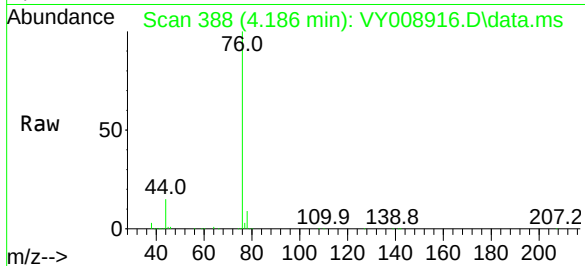




#17
Carbon Disulfide
Concen: 107.681 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

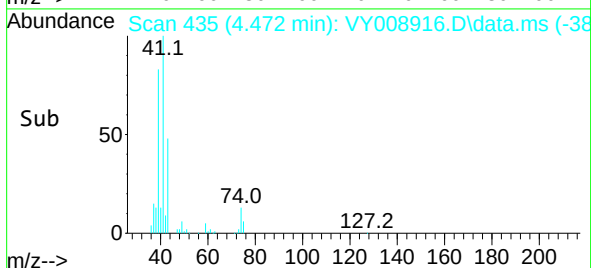
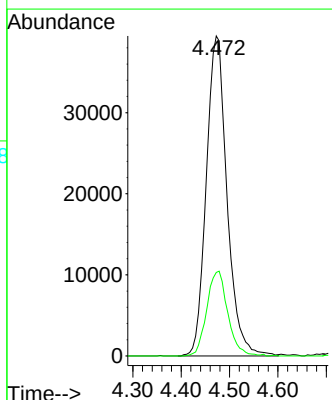
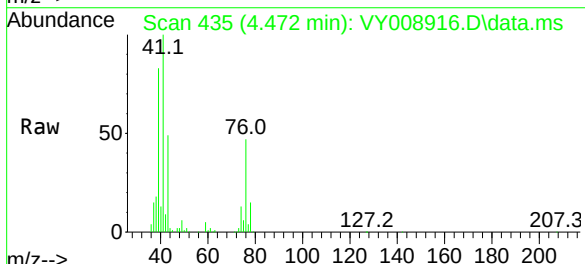
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

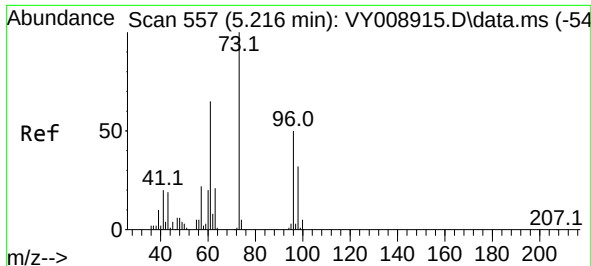
Tgt Ion: 76 Resp: 540320
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 82.567 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 43 Resp: 117829
Ion Ratio Lower Upper
43 100
74 26.8 16.6 24.8#

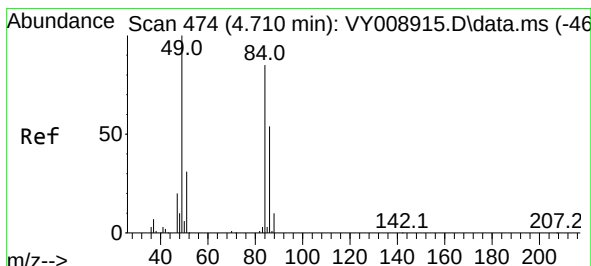
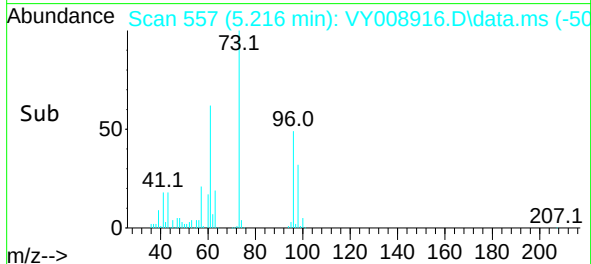
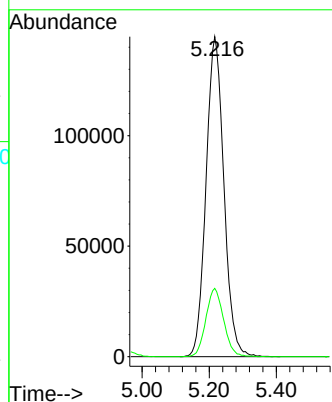
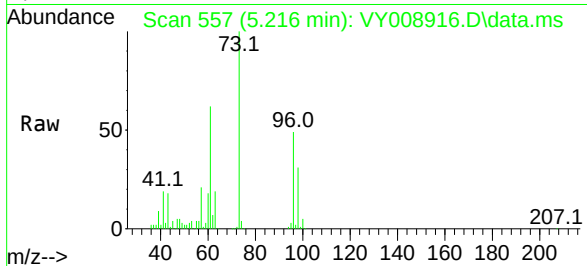




#19
Methyl tert-butyl Ether
Concen: 118.282 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

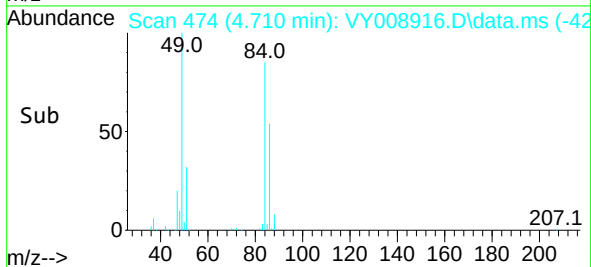
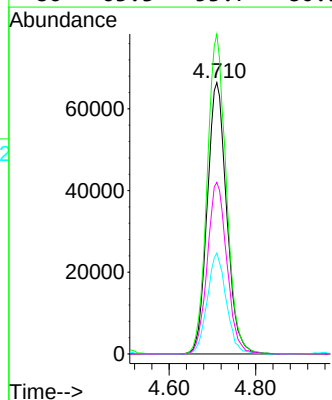
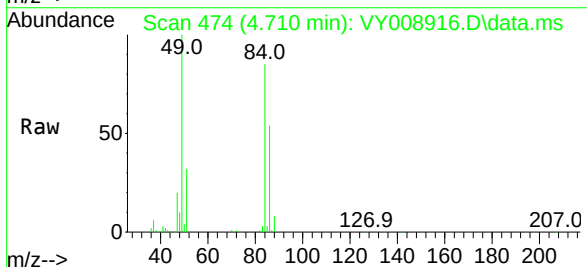
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

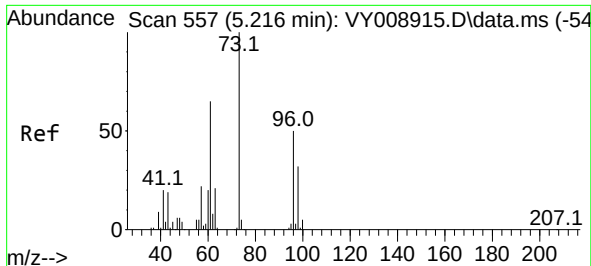
Tgt Ion: 73 Resp: 533344
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8



#20
Methylene Chloride
Concen: 87.781 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 84 Resp: 206803
Ion Ratio Lower Upper
84 100
49 117.9 114.4 171.6
51 37.2 35.3 52.9
86 63.3 53.7 80.5

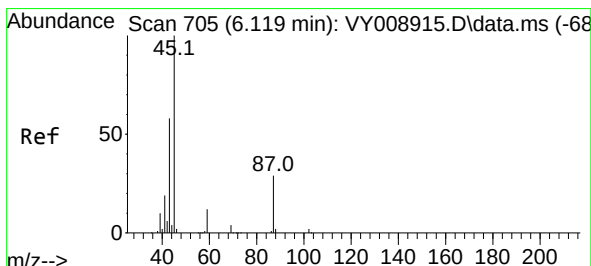
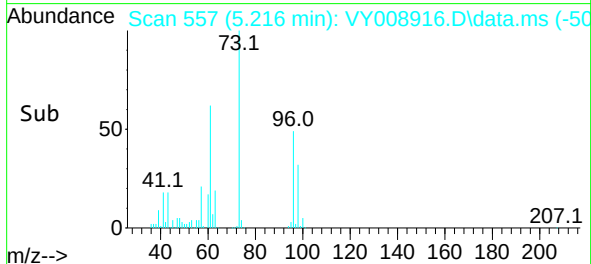
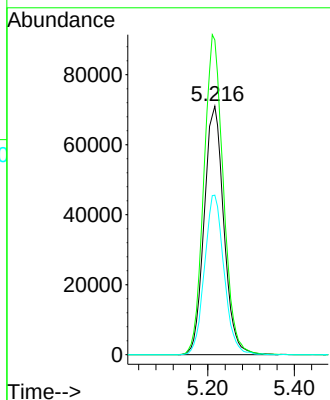
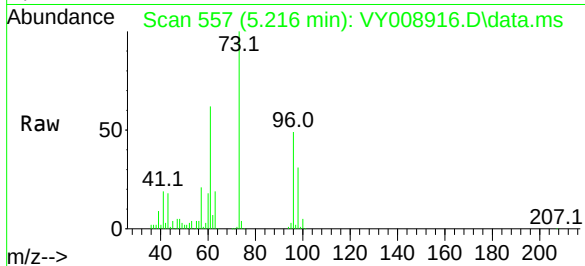




#21
trans-1,2-Dichloroethene
Concen: 110.290 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

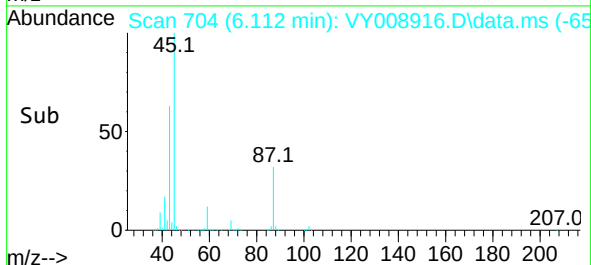
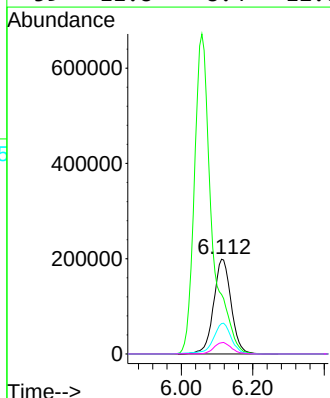
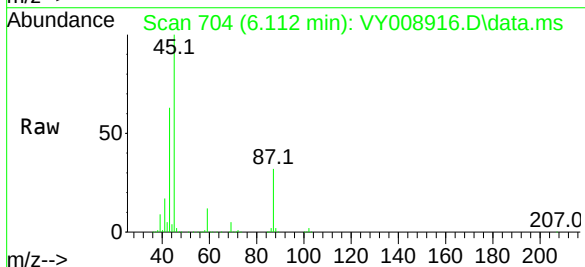
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

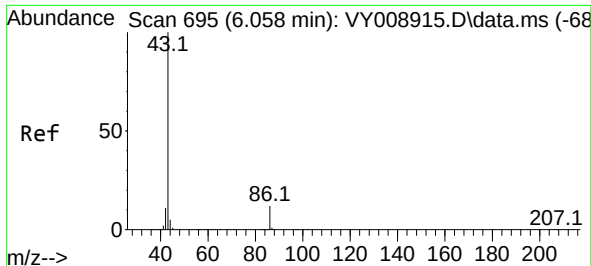
Tgt Ion: 96 Resp: 223887
Ion Ratio Lower Upper
96 100
61 126.7 120.5 180.7
98 64.2 49.8 74.8



#22
Diisopropyl ether
Concen: 128.605 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 45 Resp: 676361
Ion Ratio Lower Upper
45 100
43 62.6 49.3 73.9
87 32.1 19.2 28.8#
59 11.8 8.4 12.6

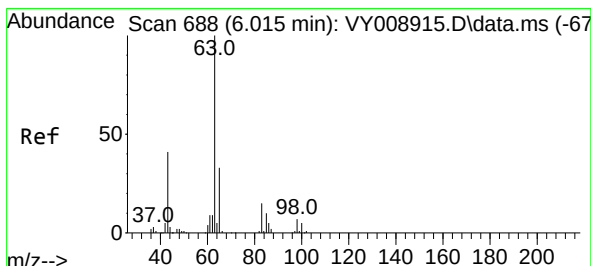
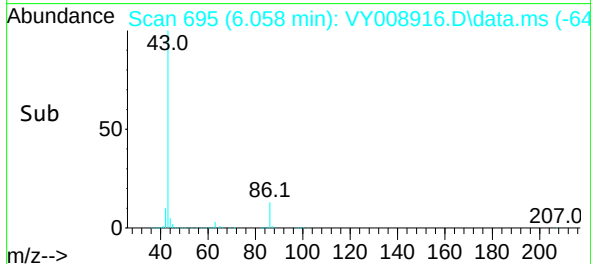
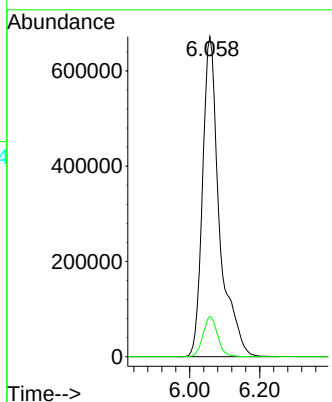
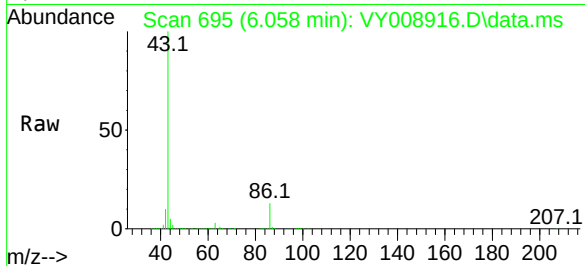




#23
 Vinyl Acetate
 Concen: 614.638 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY008916.D
 Acq: 20 May 2022 20:10

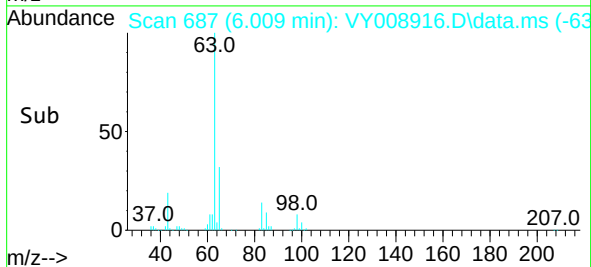
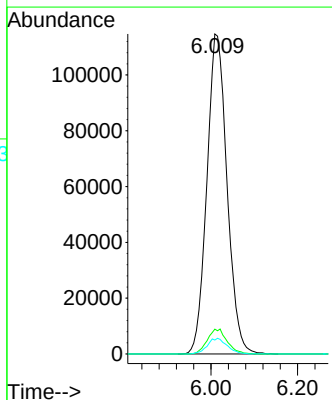
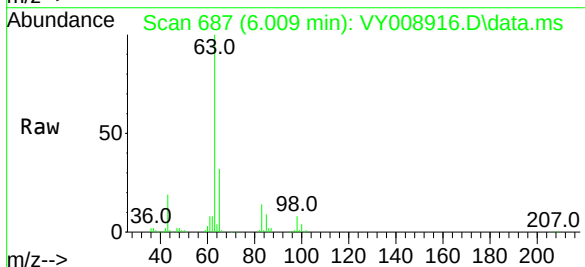
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

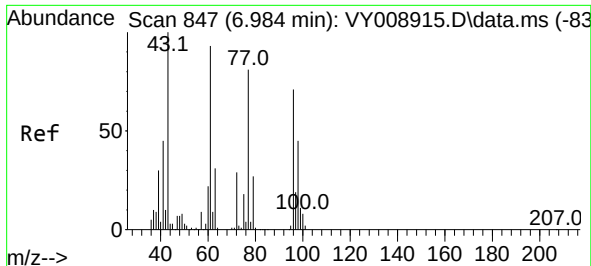
Tgt Ion: 43 Resp: 2252355
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 108.147 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008916.D
 Acq: 20 May 2022 20:10

Tgt Ion: 63 Resp: 370690
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 484.280 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

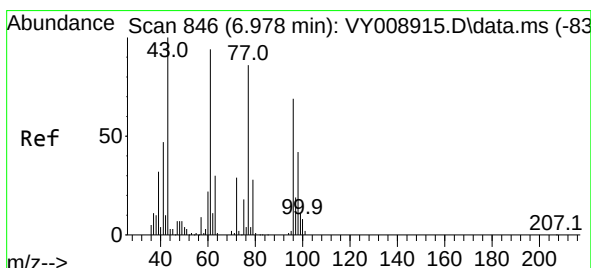
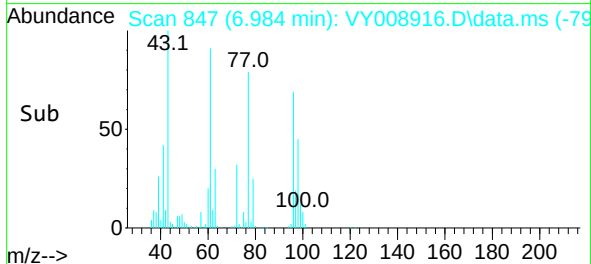
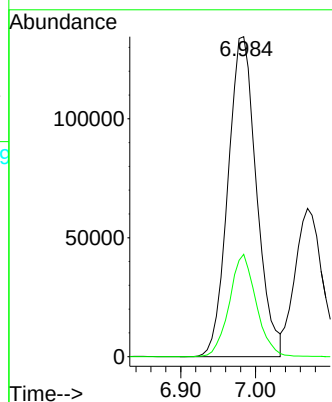
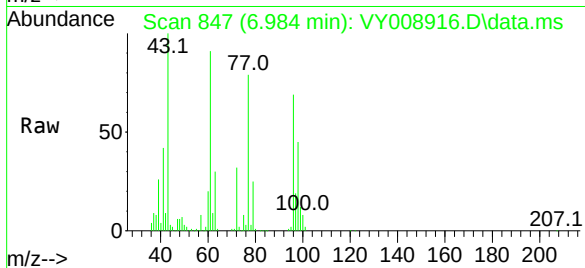
VSTDICC100

Tgt Ion: 43 Resp: 356523

Ion Ratio Lower Upper

43 100

72 32.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 105.067 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008916.D

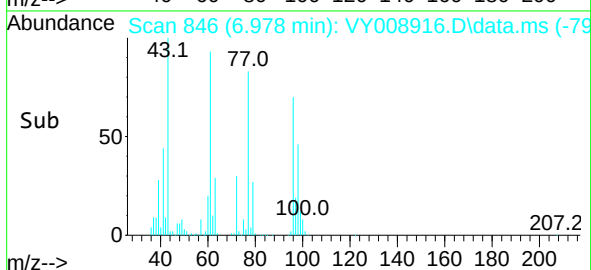
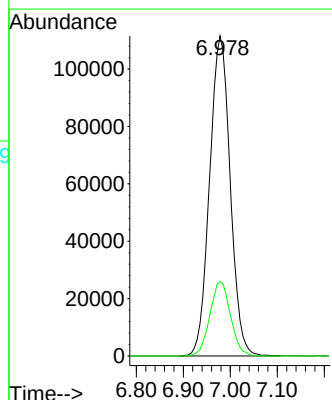
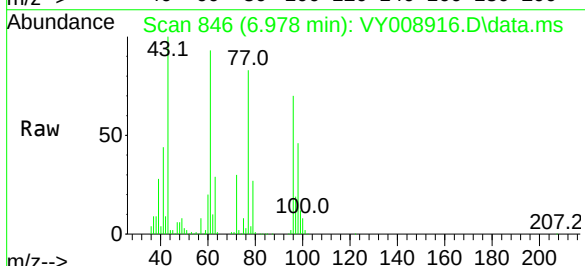
Acq: 20 May 2022 20:10

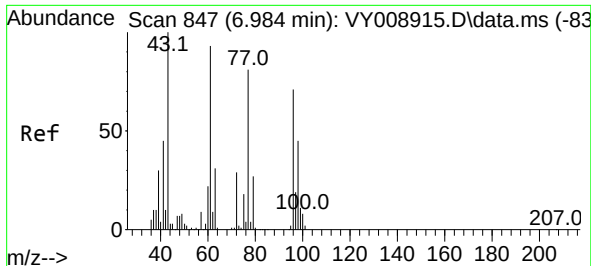
Tgt Ion: 77 Resp: 339561

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 111.881 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

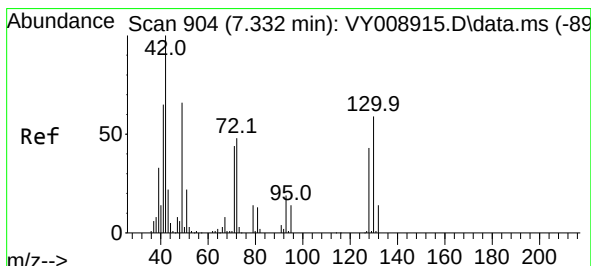
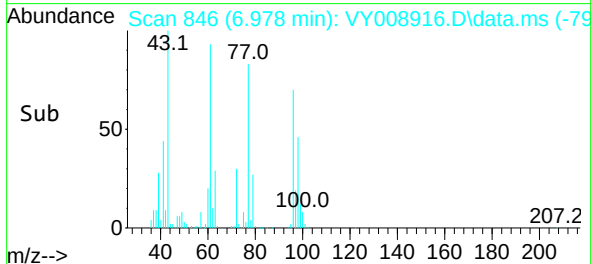
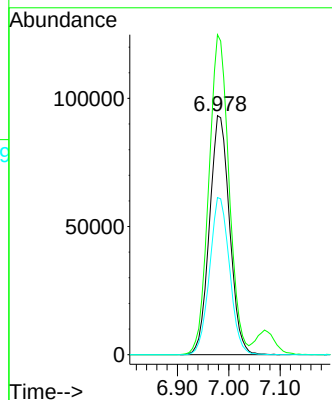
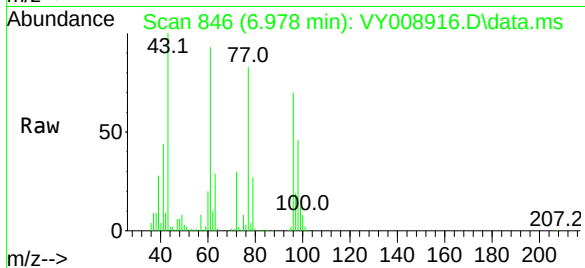
Tgt Ion: 96 Resp: 253546

Ion Ratio Lower Upper

96 100

61 134.3 0.0 319.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 99.877 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

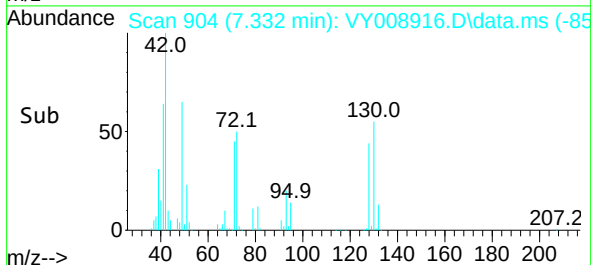
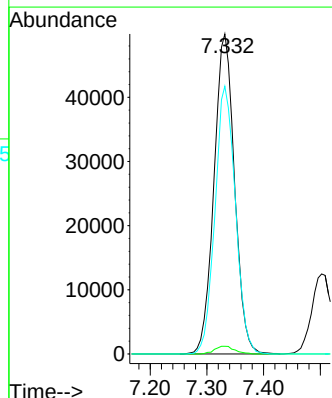
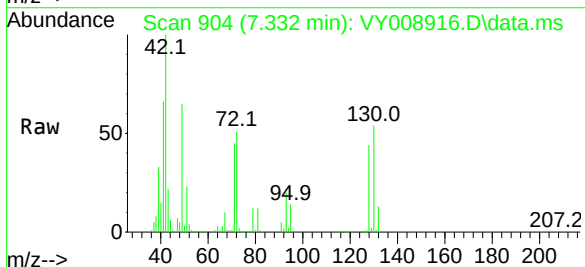
Tgt Ion: 49 Resp: 125381

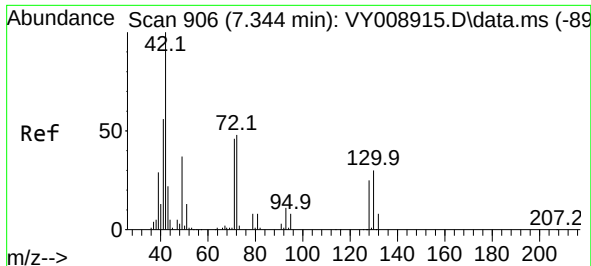
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 83.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 509.614 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

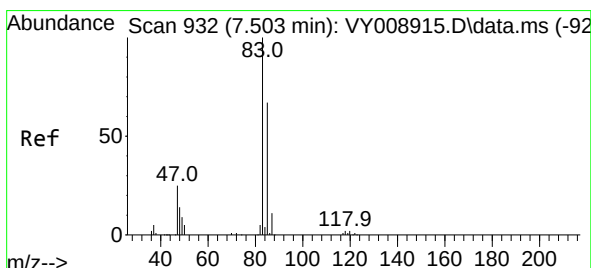
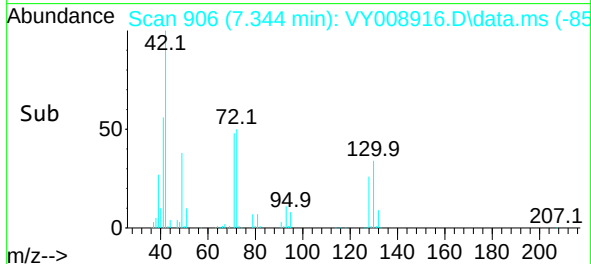
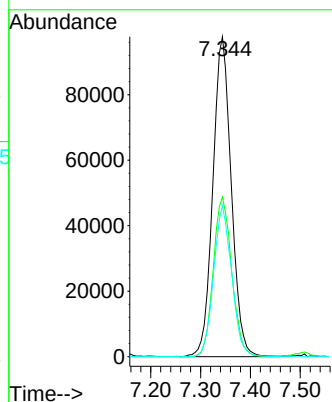
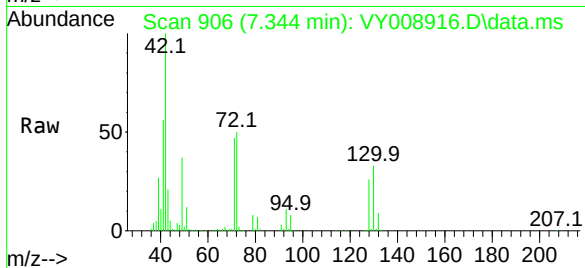
Tgt Ion: 42 Resp: 250828

Ion Ratio Lower Upper

42 100

72 50.0 30.3 45.5#

71 46.4 29.0 43.4#



#30

Chloroform

Concen: 110.424 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY008916.D

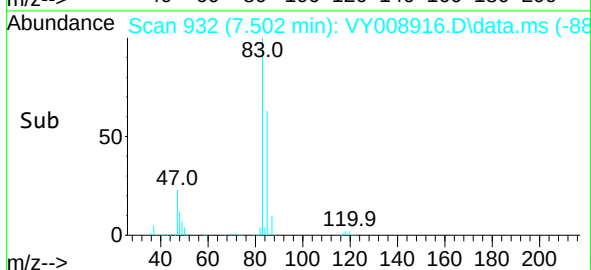
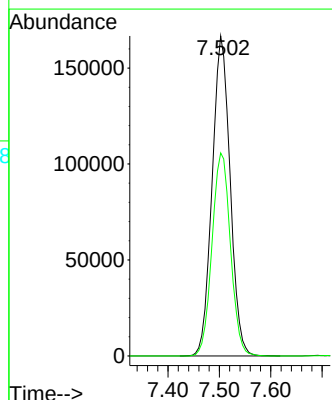
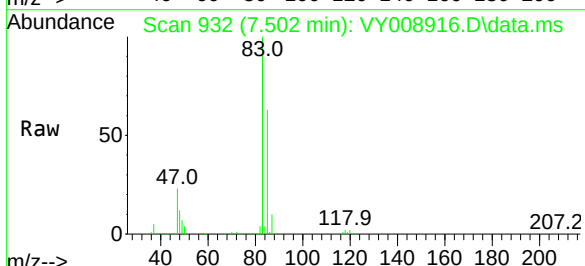
Acq: 20 May 2022 20:10

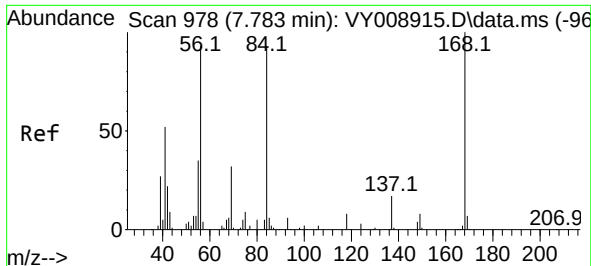
Tgt Ion: 83 Resp: 404965

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.6

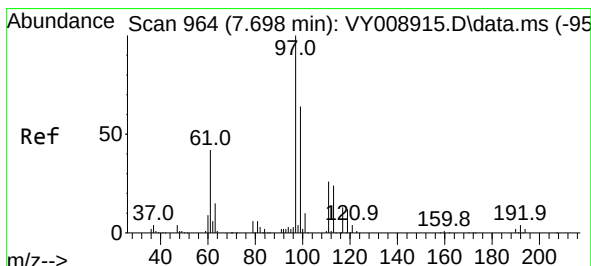
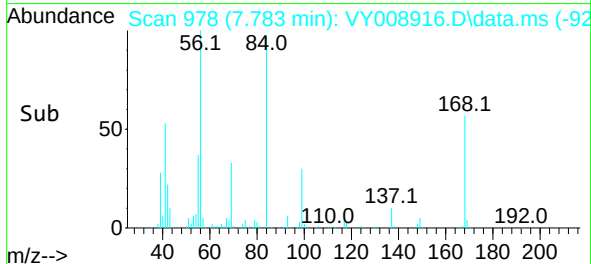
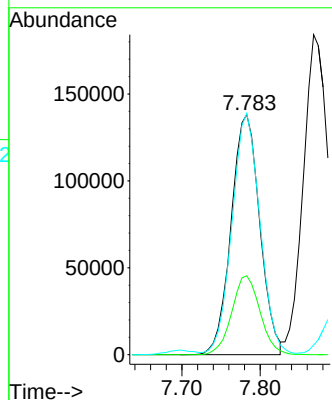
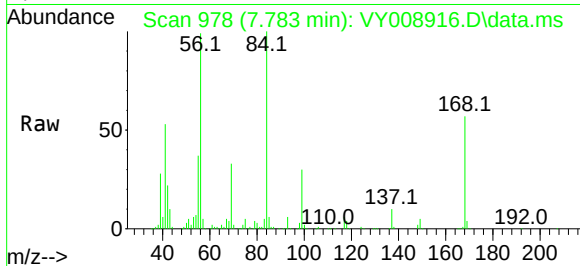




#31
Cyclohexane
Concen: 108.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

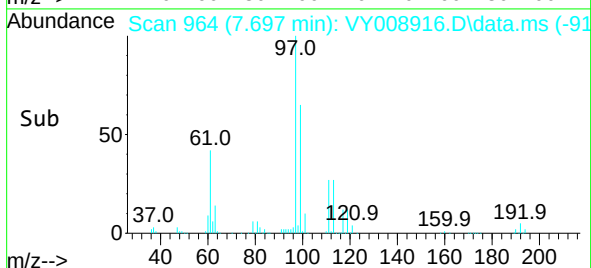
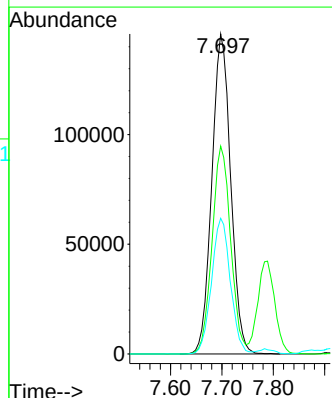
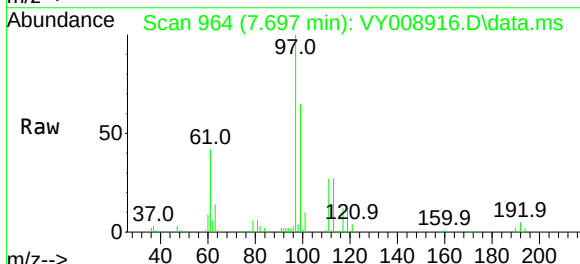
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

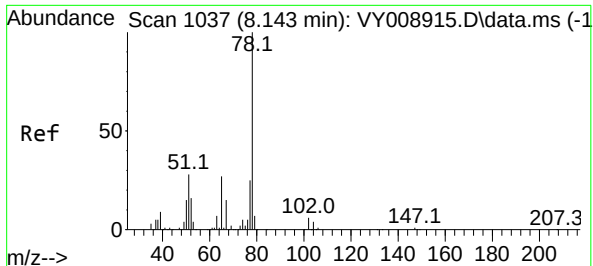
Tgt Ion: 56 Resp: 350295
Ion Ratio Lower Upper
56 100
69 32.9 26.7 40.1
84 98.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 109.327 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 97 Resp: 371654
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 42.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 90.972 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

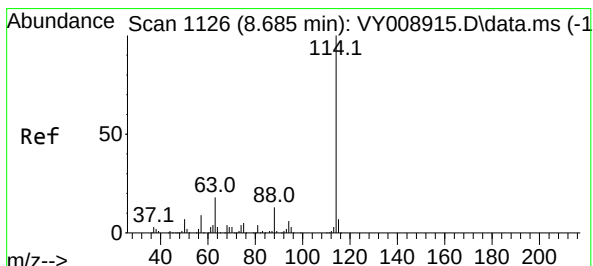
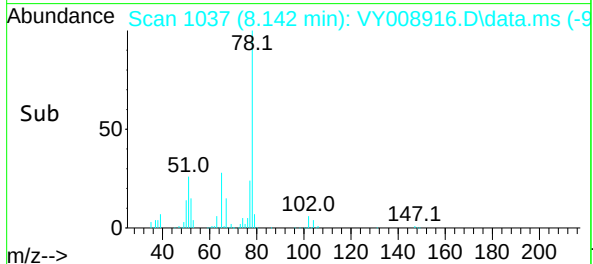
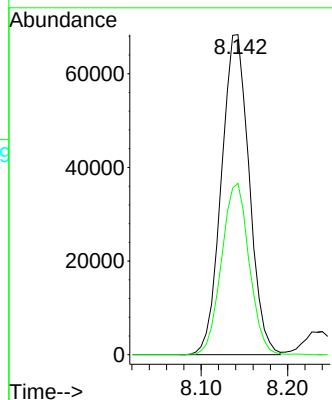
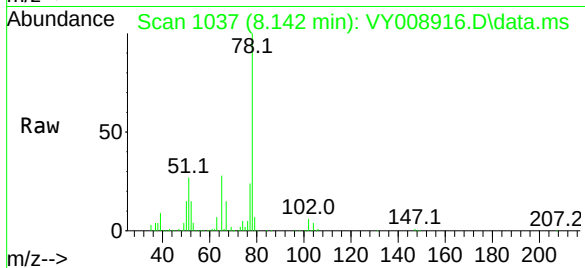
VSTDICC100

Tgt Ion: 65 Resp: 152254

Ion Ratio Lower Upper

65 100

67 53.2 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: VY008916.D

Acq: 20 May 2022 20:10

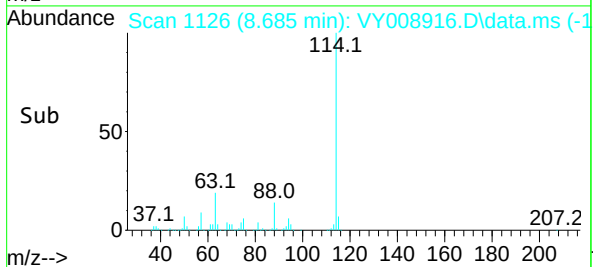
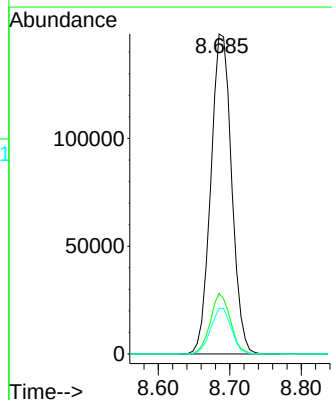
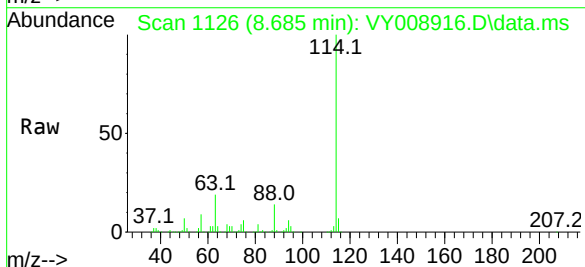
Tgt Ion:114 Resp: 299580

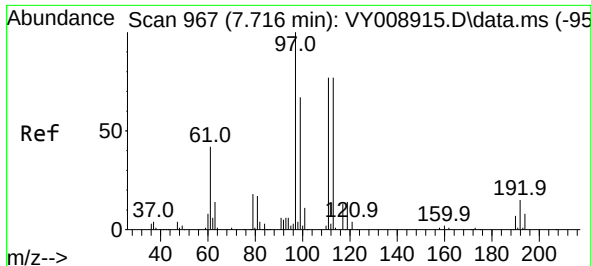
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.3 0.0 31.8

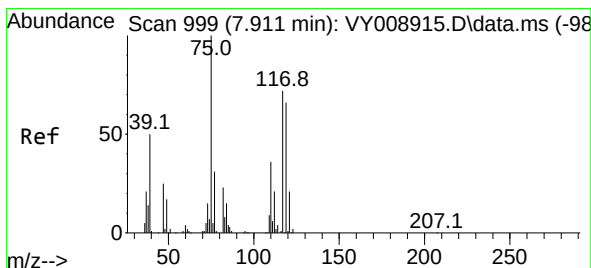
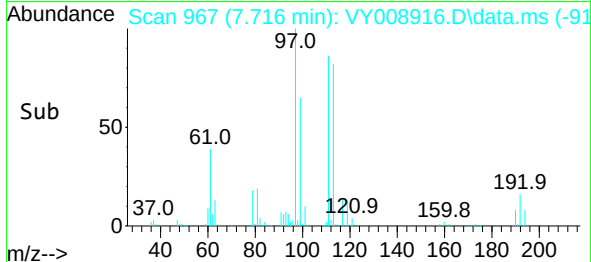
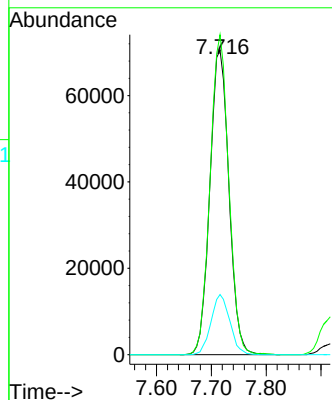
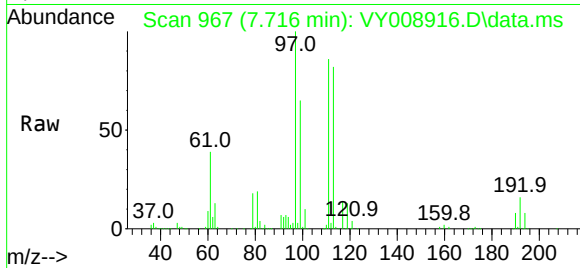




#35
Dibromofluoromethane
Concen: 99.658 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

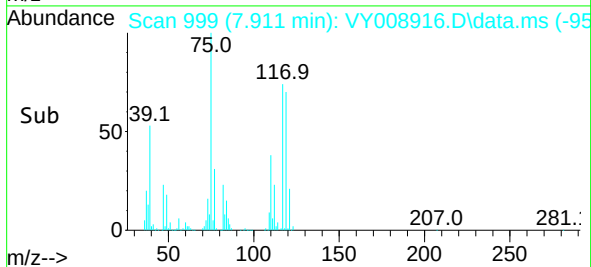
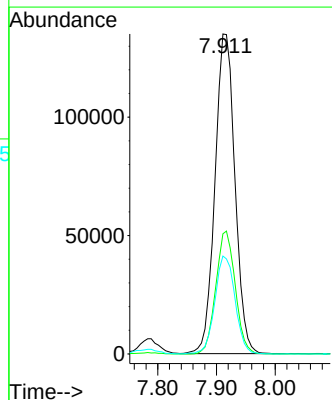
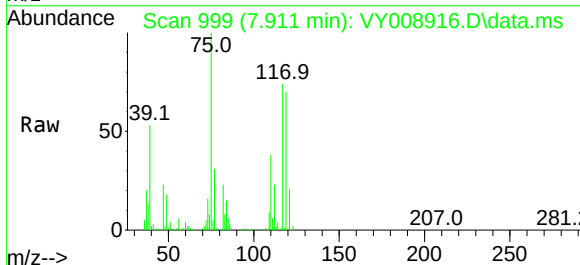
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

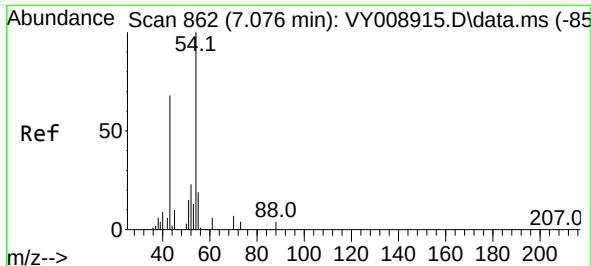
Tgt Ion:113 Resp: 170199
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 109.410 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 75 Resp: 318700
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 31.1 24.4 36.6

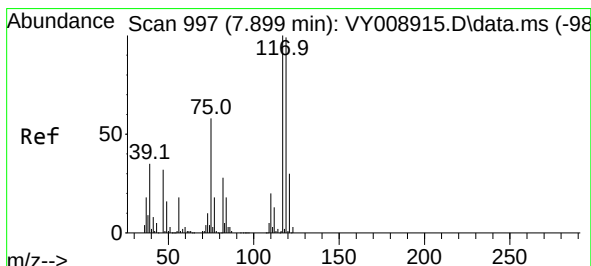
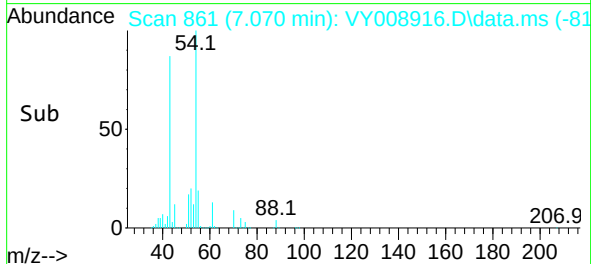
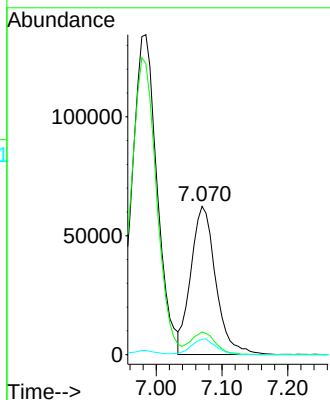
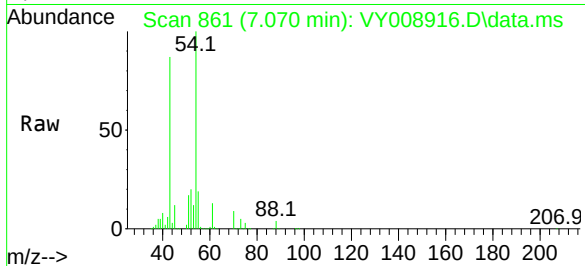




#37
Ethyl Acetate
Concen: 96.461 ug/l
RT: 7.070 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

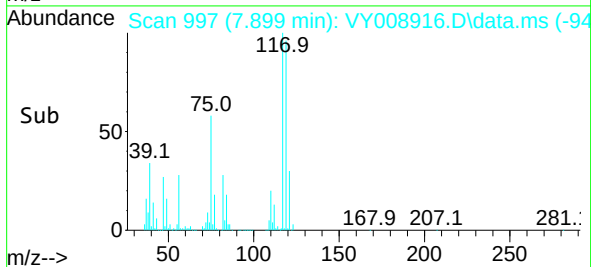
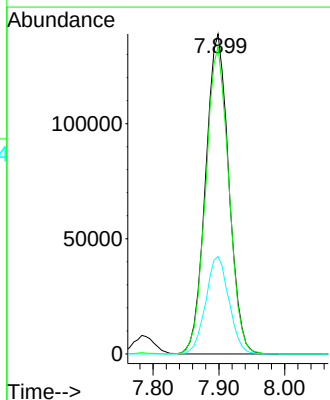
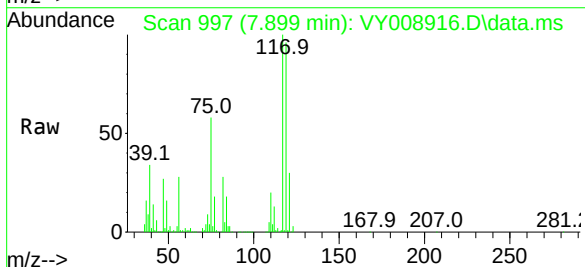
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

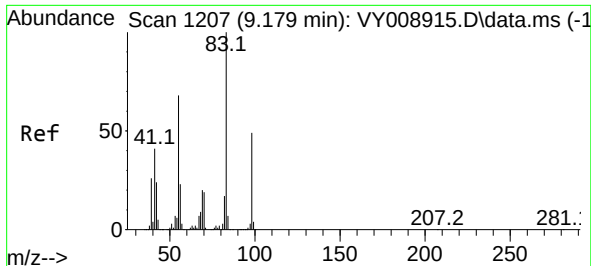
Tgt Ion: 43 Resp: 163308
Ion Ratio Lower Upper
43 100
61 15.3 9.7 14.5#
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 109.575 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 117 Resp: 340600
Ion Ratio Lower Upper
117 100
119 96.0 77.9 116.9
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 123.644 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

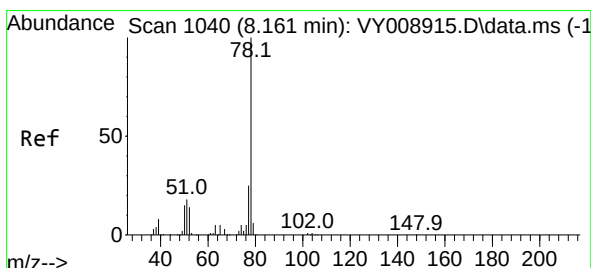
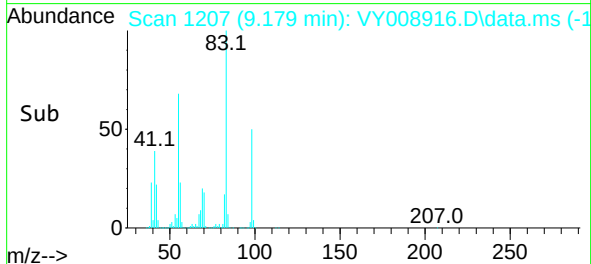
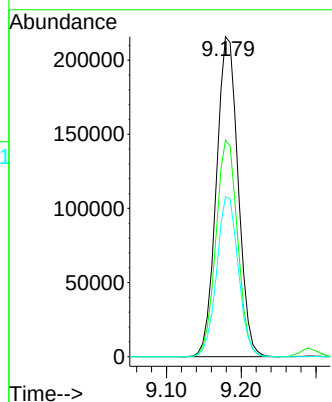
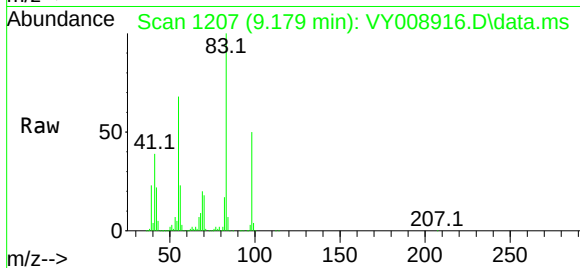
Tgt Ion: 83 Resp: 435973

Ion Ratio Lower Upper

83 100

55 67.7 66.5 99.7

98 50.0 37.9 56.9



#40

Benzene

Concen: 115.086 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY008916.D

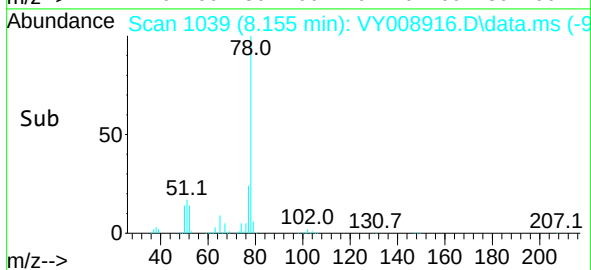
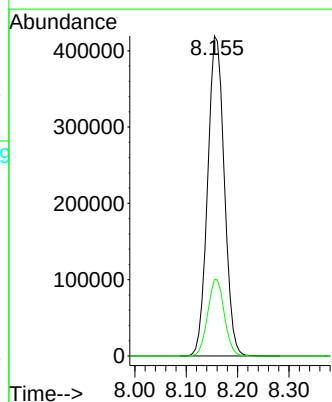
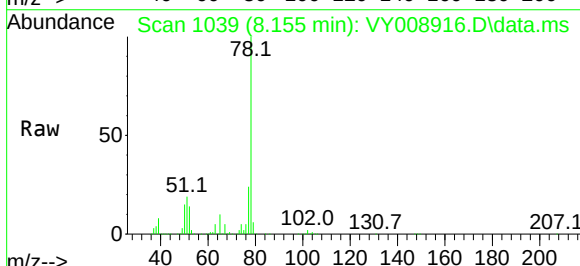
Acq: 20 May 2022 20:10

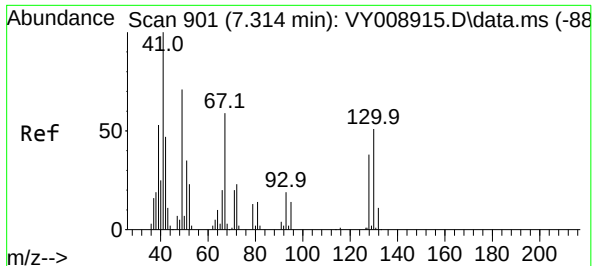
Tgt Ion: 78 Resp: 941045

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

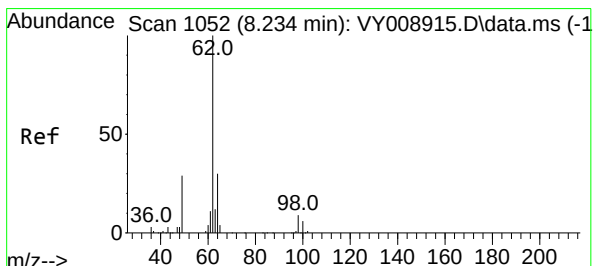
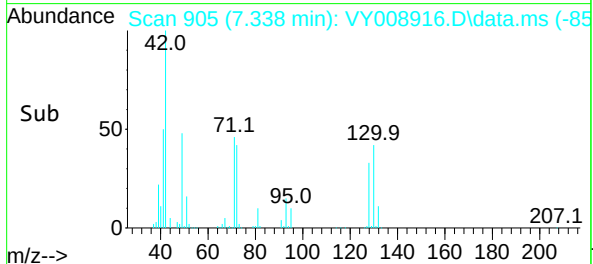
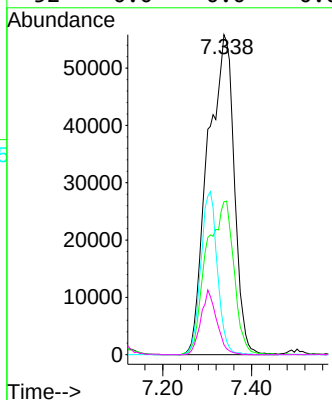
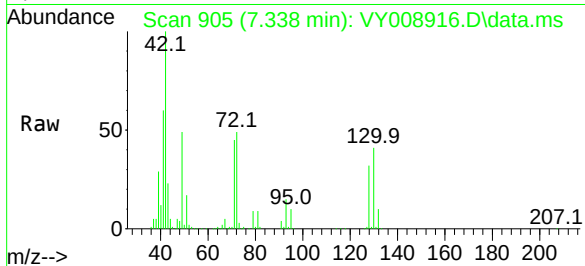




#41
Methacrylonitrile
Concen: 257.594 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

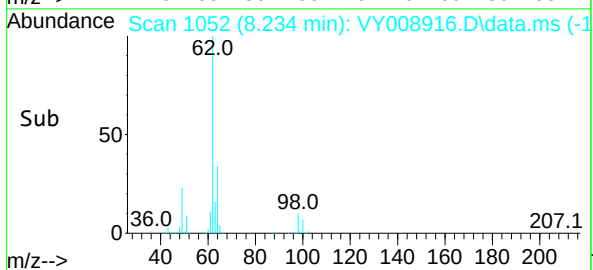
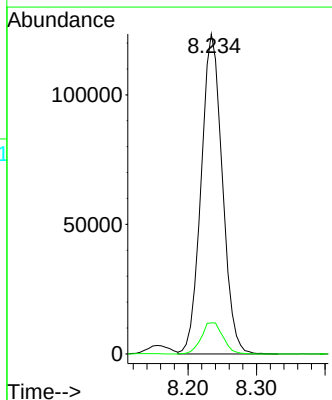
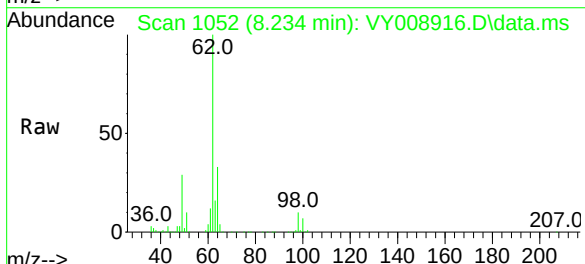
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

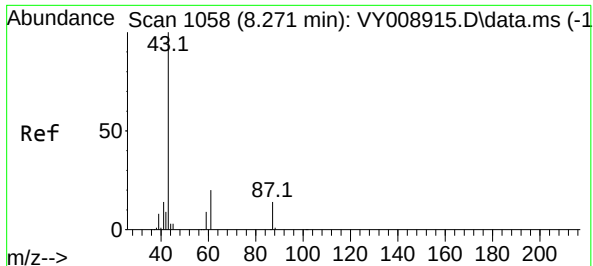
Tgt Ion: 41 Resp: 229707
Ion Ratio Lower Upper
41 100
39 49.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 110.867 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 62 Resp: 266175
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8

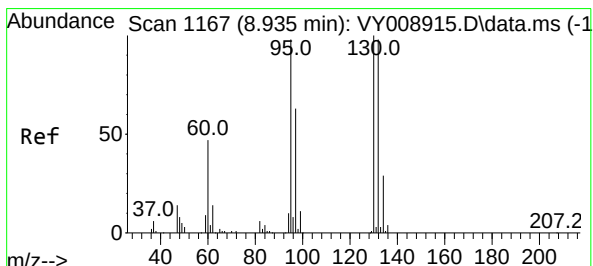
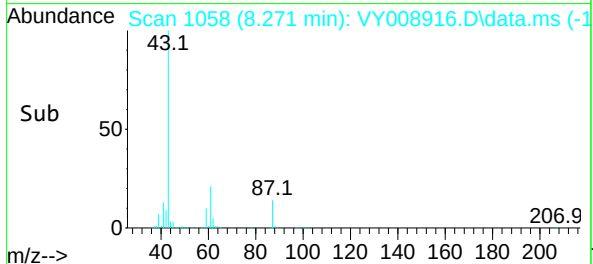
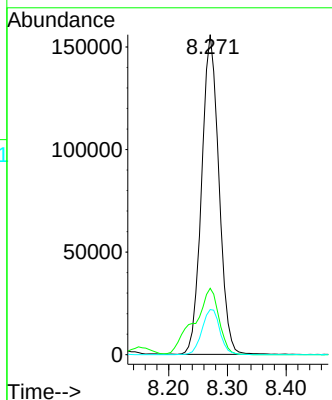
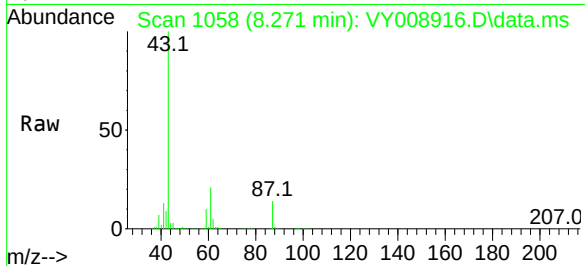




#43
Isopropyl Acetate
Concen: 110.841 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

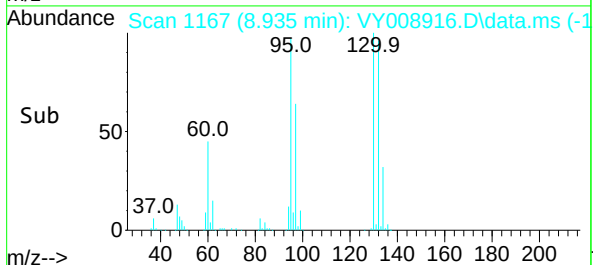
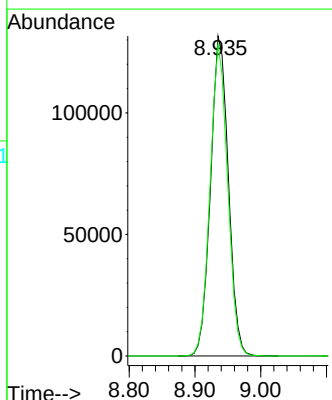
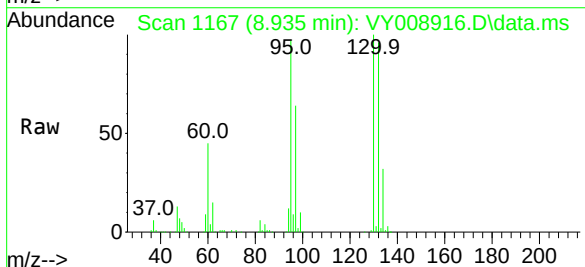
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

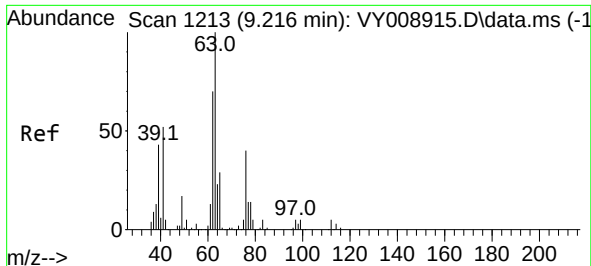
Tgt Ion: 43 Resp: 317831
Ion Ratio Lower Upper
43 100
61 29.9 20.2 30.2
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 112.187 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion:130 Resp: 248114
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 113.950 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

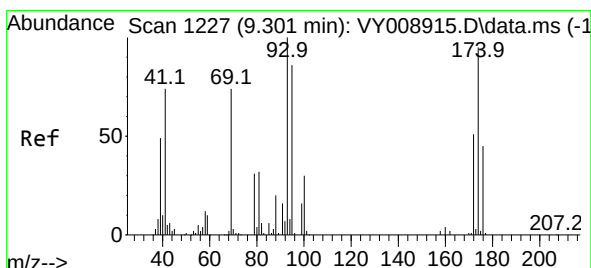
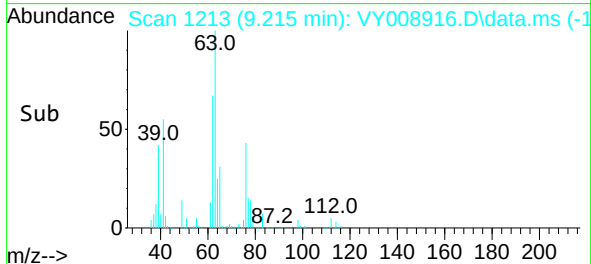
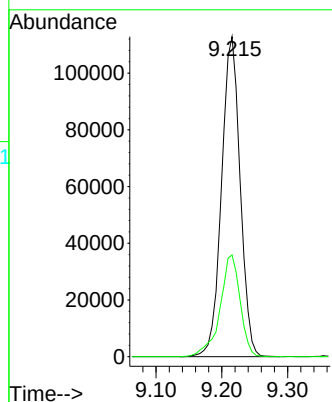
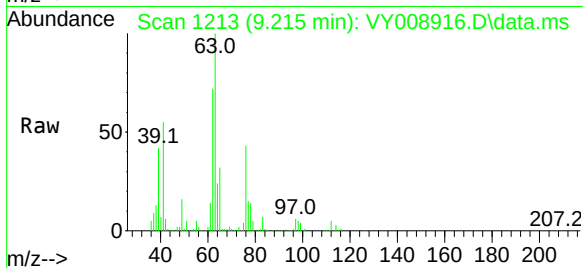
VSTDICC100

Tgt Ion: 63 Resp: 222200

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.6



#46

Dibromomethane

Concen: 113.833 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

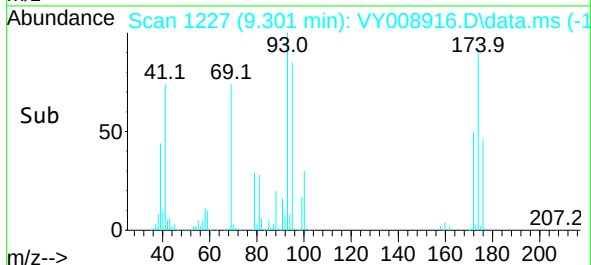
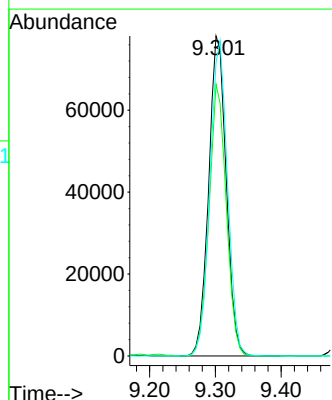
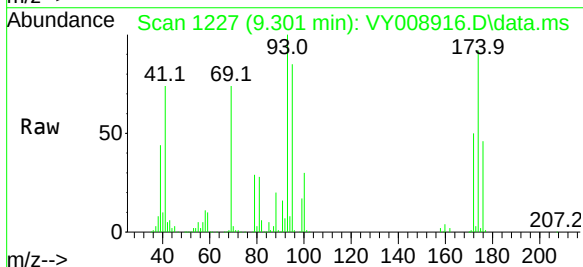
Tgt Ion: 93 Resp: 145296

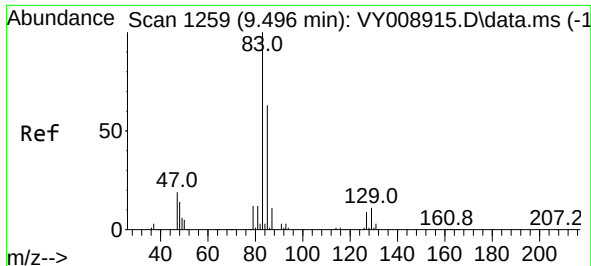
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 98.5 83.4 125.0

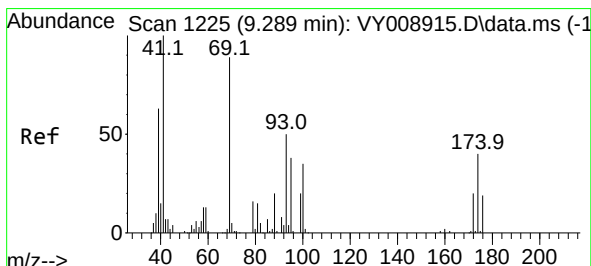
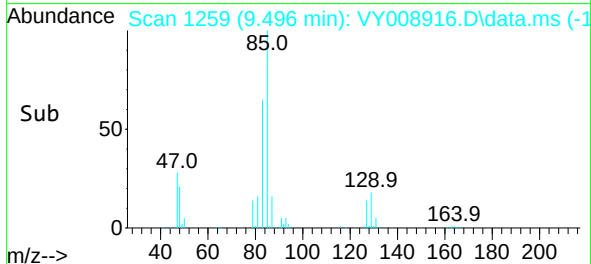
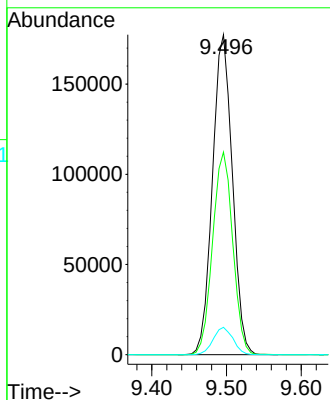
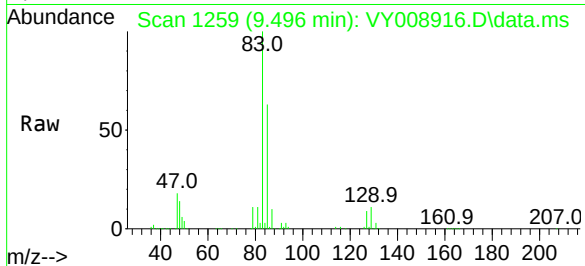




#47
Bromodichloromethane
Concen: 115.596 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

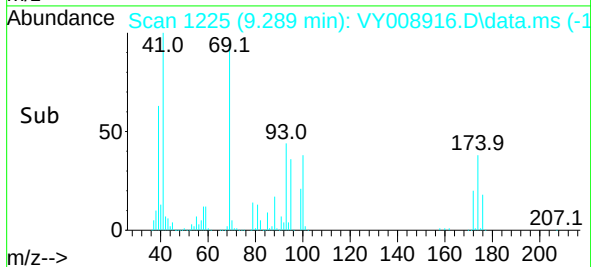
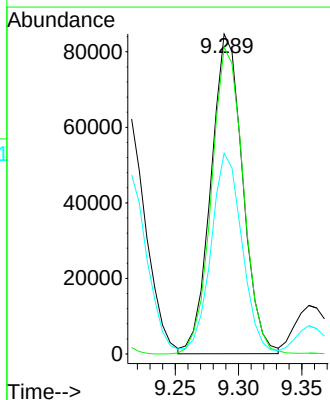
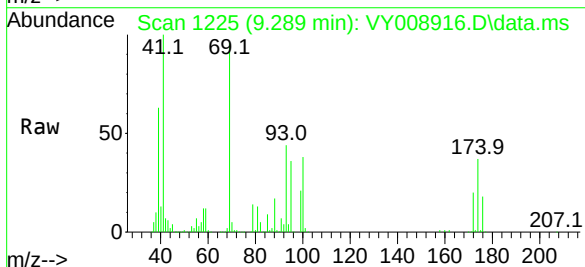
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

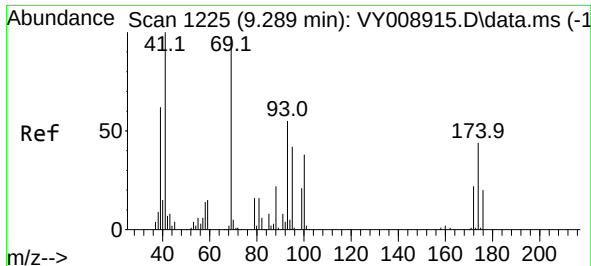
Tgt Ion: 83 Resp: 327472
Ion Ratio Lower Upper
83 100
85 63.3 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 116.378 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 41 Resp: 147741
Ion Ratio Lower Upper
41 100
69 96.1 58.2 87.2#
39 59.1 47.4 71.0





#49

1,4-Dioxane

Concen: 2117.555 ug/l

RT: 9.295 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

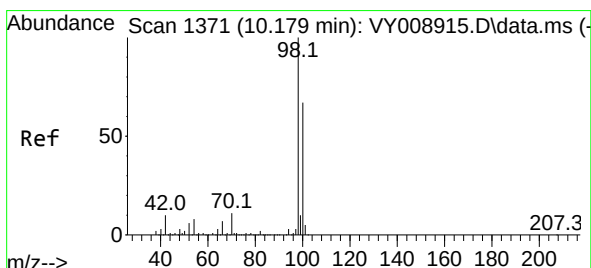
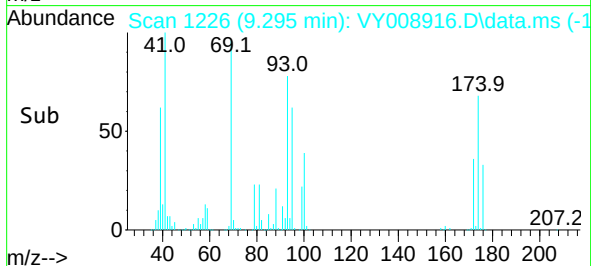
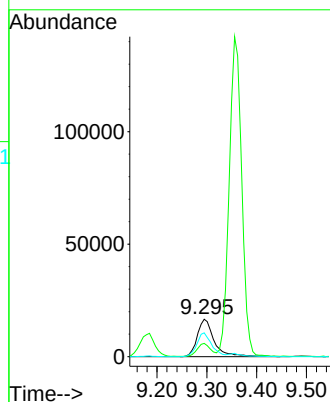
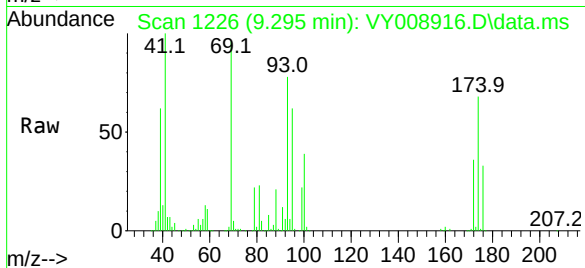
Tgt Ion: 88 Resp: 39340

Ion Ratio Lower Upper

88 100

43 28.0 32.8 49.2#

58 55.9 59.8 89.6#



#50

Toluene-d8

Concen: 93.774 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008916.D

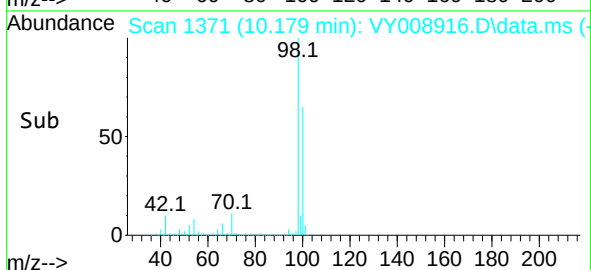
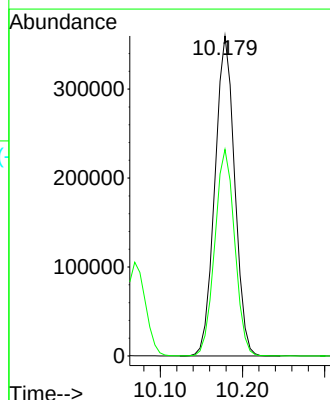
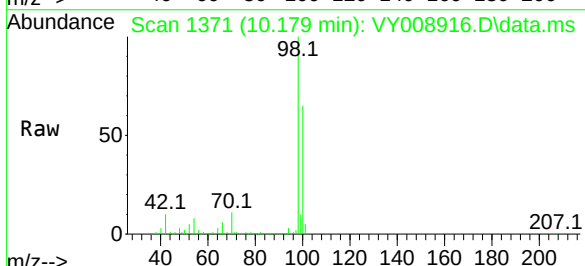
Acq: 20 May 2022 20:10

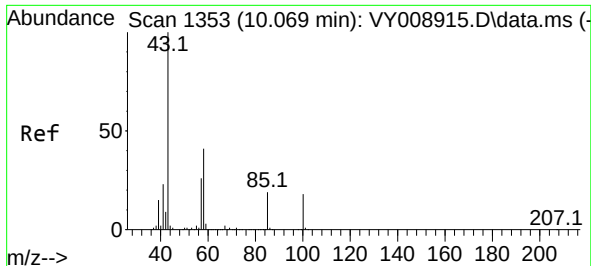
Tgt Ion: 98 Resp: 600143

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

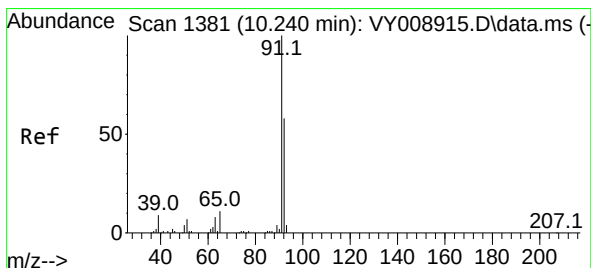
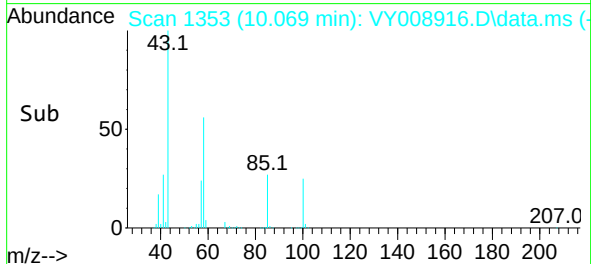
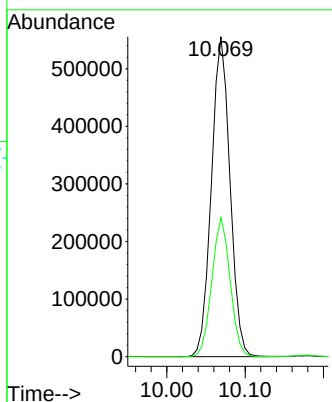
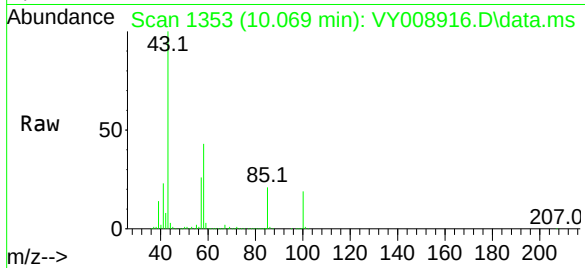




#51
4-Methyl-2-Pentanone
Concen: 546.597 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

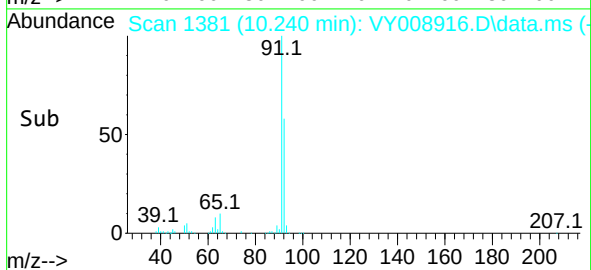
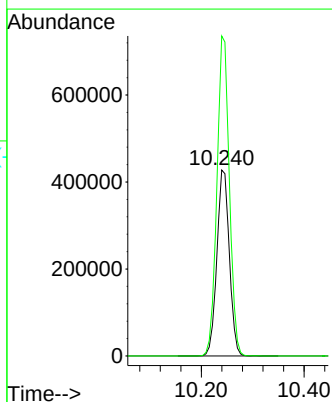
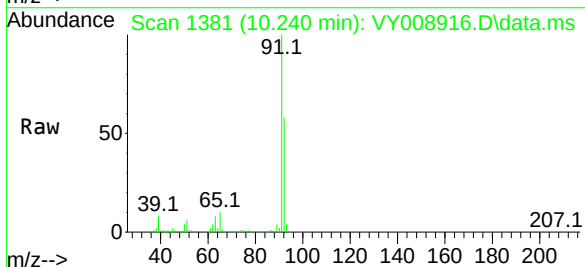
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

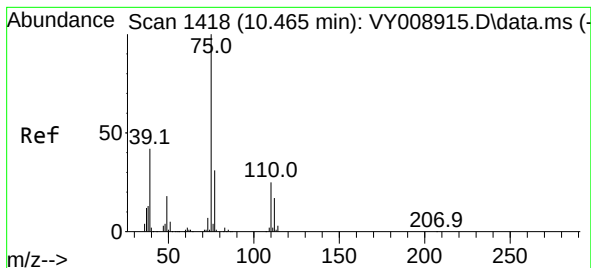
Tgt Ion: 43 Resp: 915914
Ion Ratio Lower Upper
43 100
58 42.6 28.1 42.1#



#52
Toluene
Concen: 128.167 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 92 Resp: 717170
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8

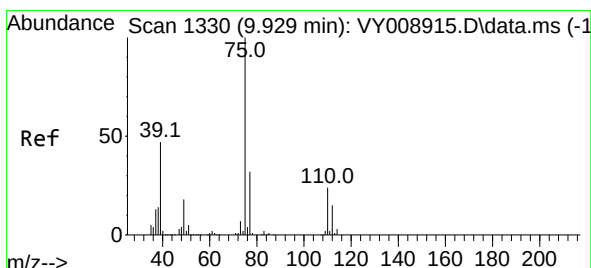
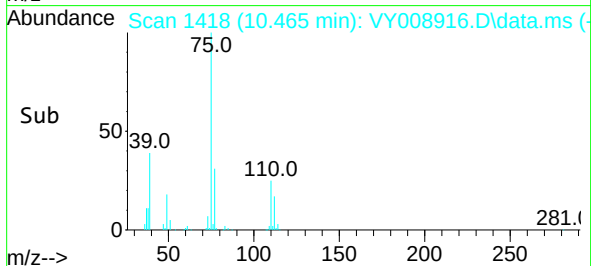
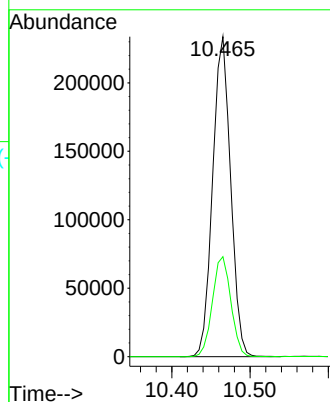
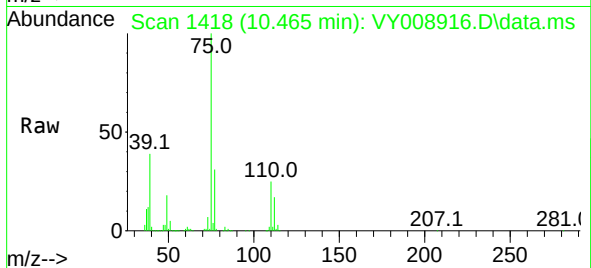




#53
t-1,3-Dichloropropene
Concen: 125.930 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

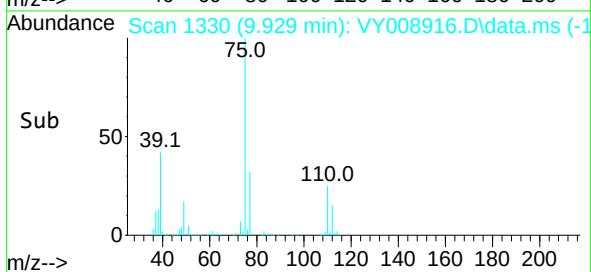
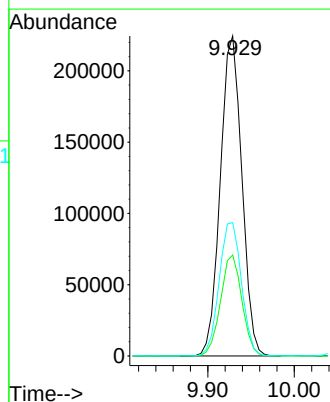
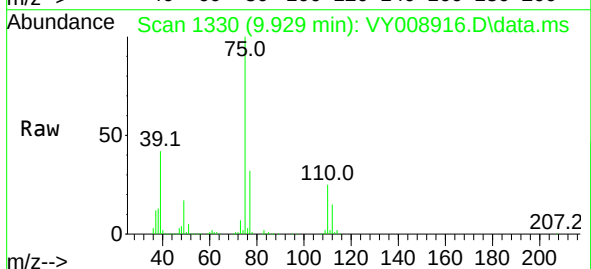
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

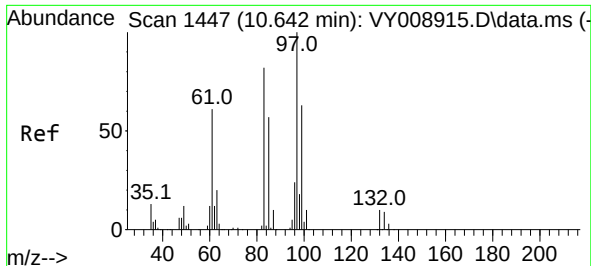
Tgt Ion: 75 Resp: 372819
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 121.625 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 75 Resp: 387673
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 41.7 47.6 71.4#



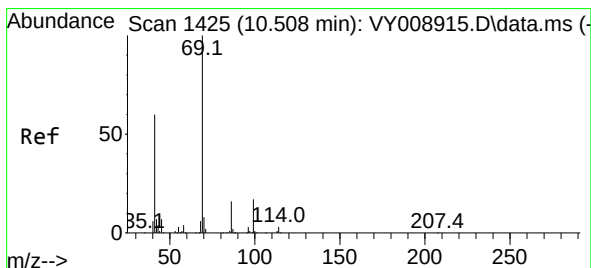
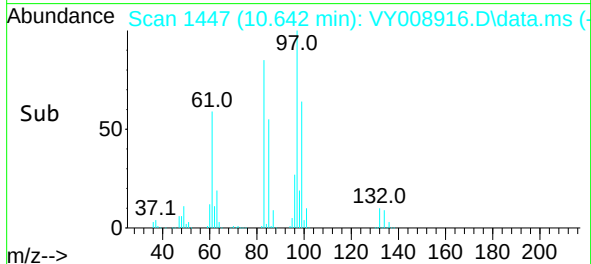
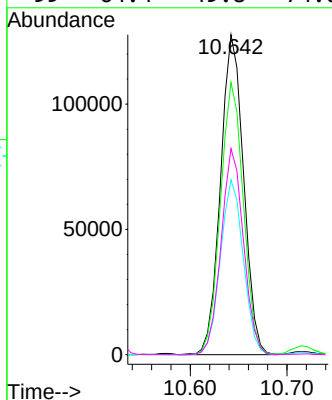
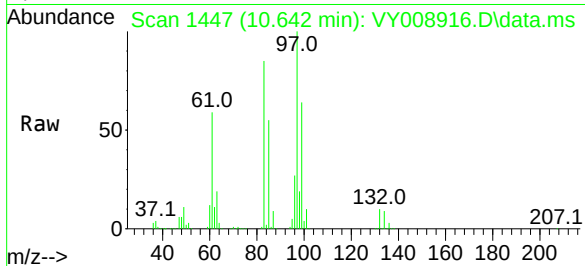


#55
1,1,2-Trichloroethane
Concen: 121.671 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 211171

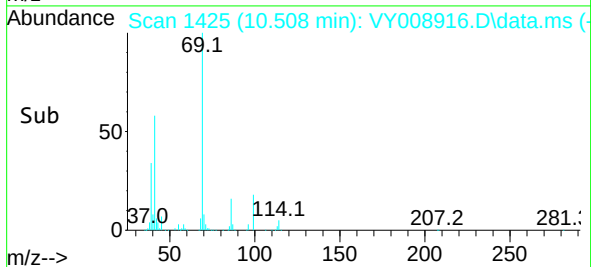
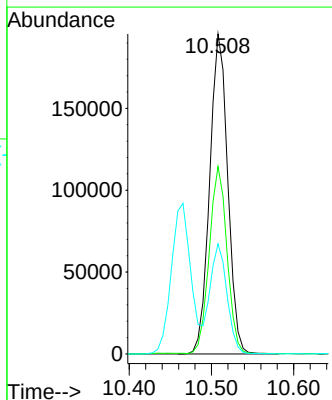
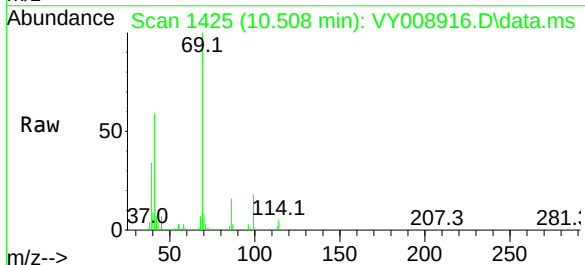
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.8	104.8
85	54.7	44.3	66.5
99	64.4	49.8	74.6

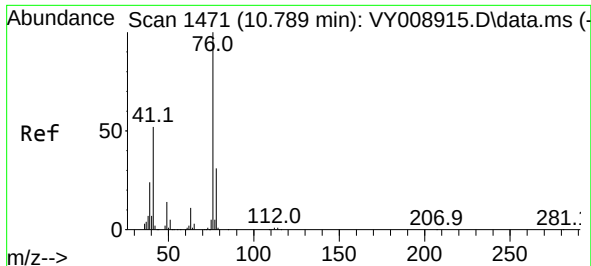


#56
Ethyl methacrylate
Concen: 139.609 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 69 Resp: 298081

Ion	Ratio	Lower	Upper
69	100		
41	57.5	63.4	95.0#
39	31.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 116.722 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

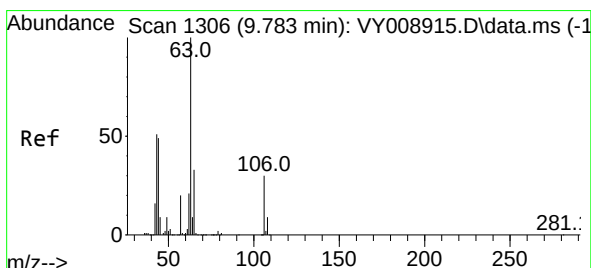
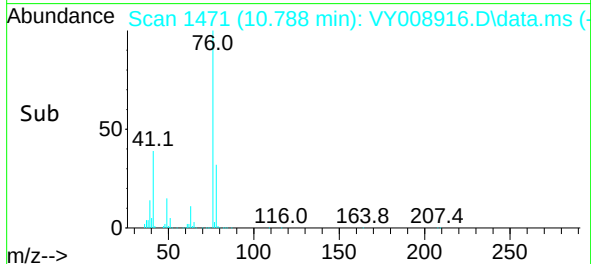
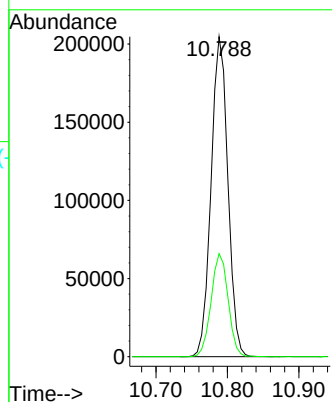
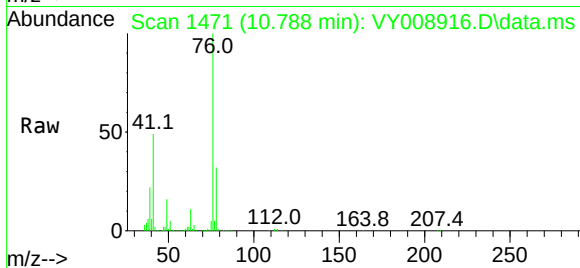
VSTDIC100

Tgt Ion: 76 Resp: 333699

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 552.631 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008916.D

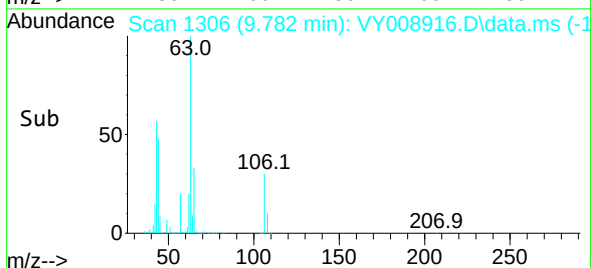
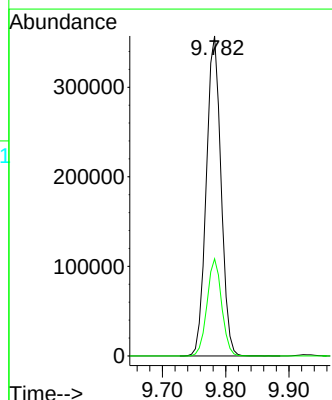
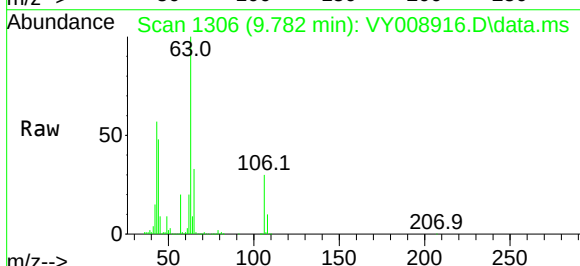
Acq: 20 May 2022 20:10

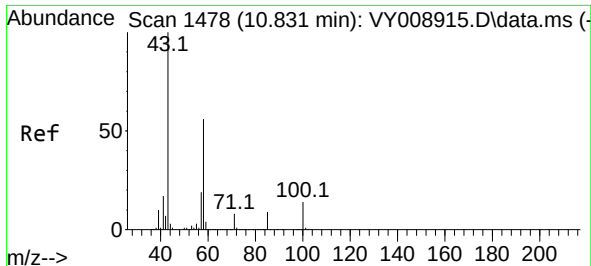
Tgt Ion: 63 Resp: 578750

Ion Ratio Lower Upper

63 100

106 30.0 21.5 32.3

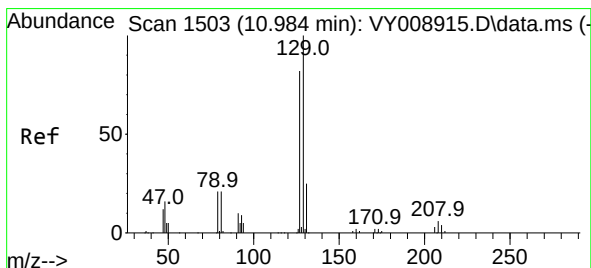
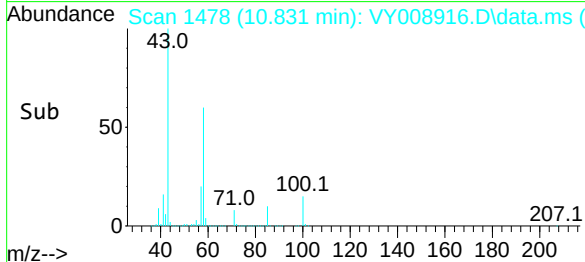
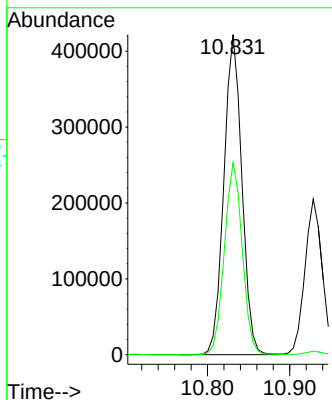
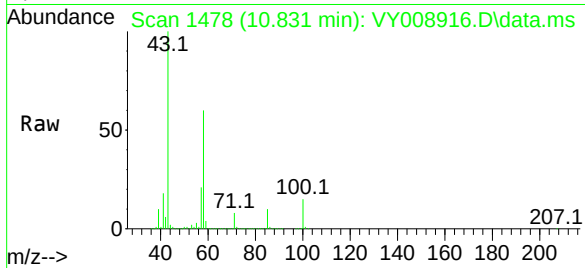




#59
2-Hexanone
Concen: 541.342 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

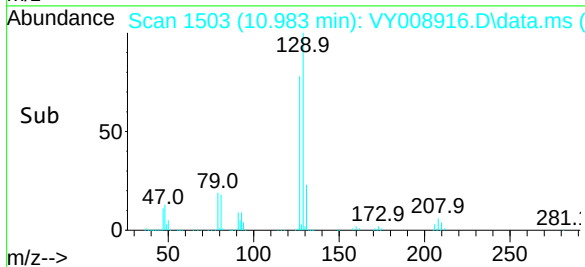
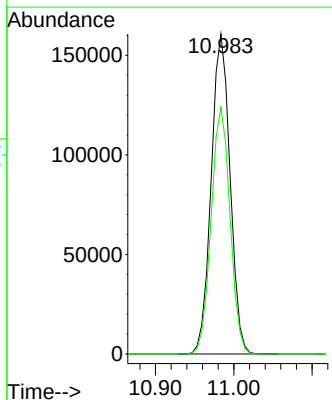
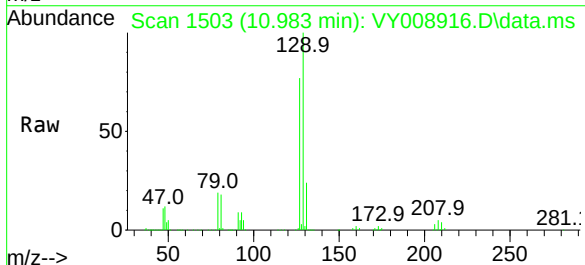
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

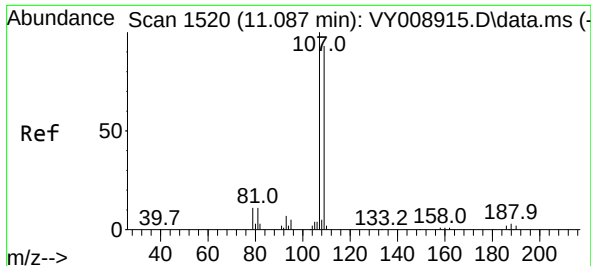
Tgt Ion: 43 Resp: 642140
Ion Ratio Lower Upper
43 100
58 59.8 24.4 73.4



#60
Dibromochloromethane
Concen: 128.020 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion:129 Resp: 268476
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

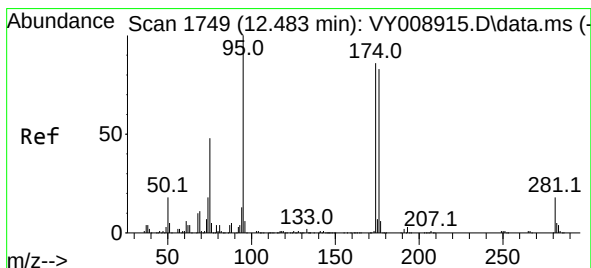
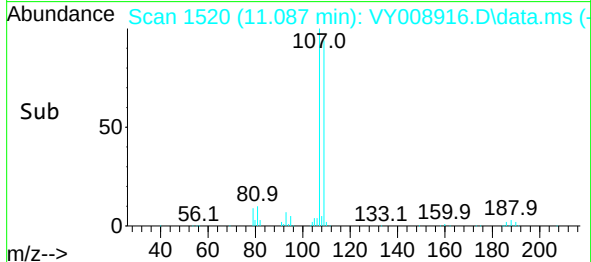
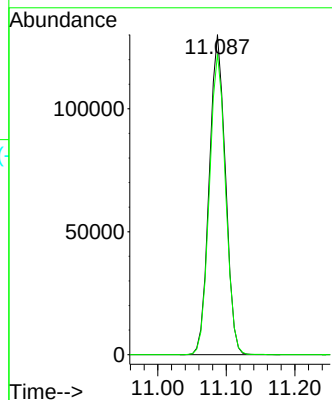
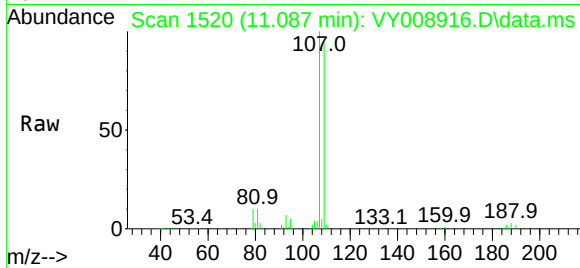




#61
1,2-Dibromoethane
Concen: 123.088 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

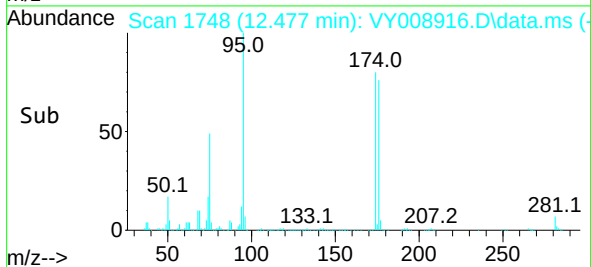
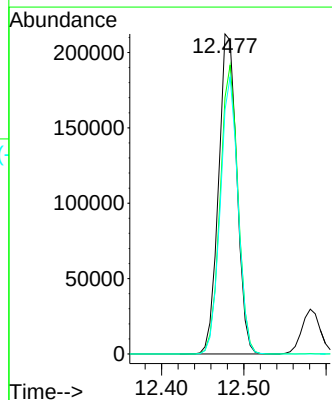
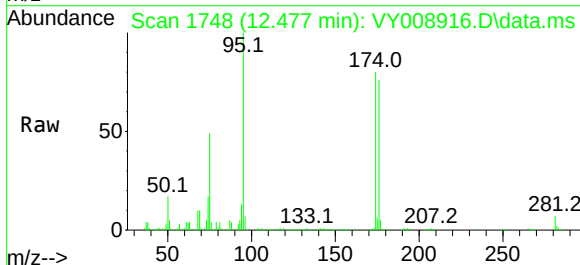
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

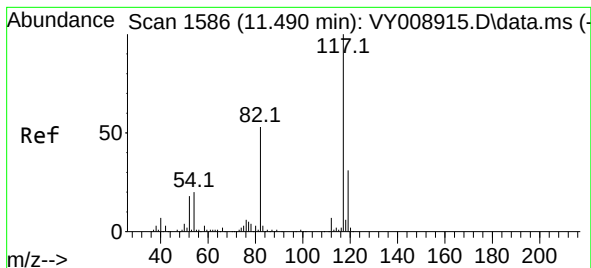
Tgt Ion:107 Resp: 213426
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 134.476 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 95 Resp: 327275
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

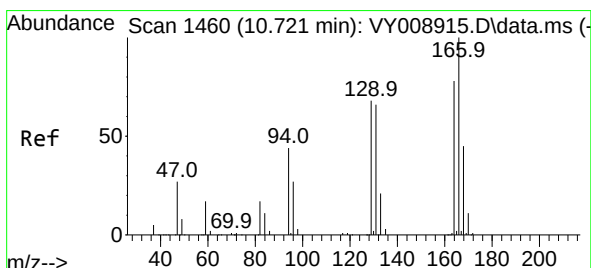
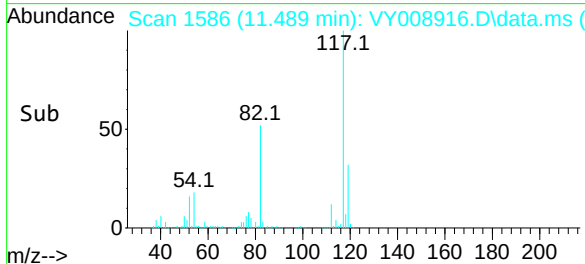
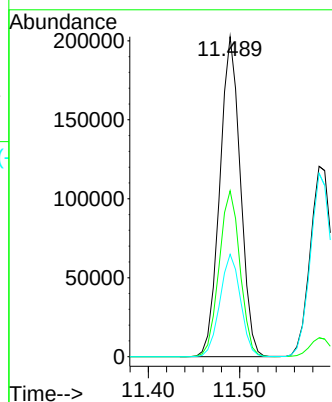
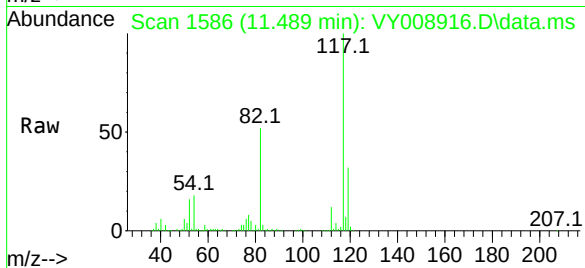
Tgt Ion:117 Resp: 317440

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 108.610 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Tgt Ion:164 Resp: 229392

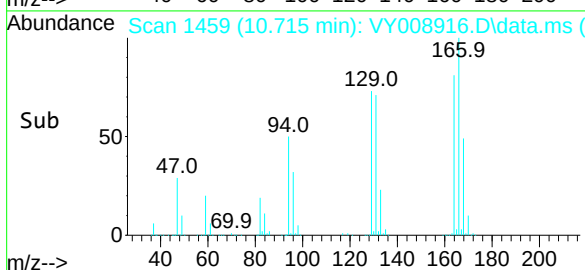
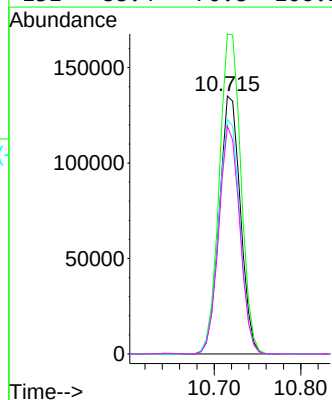
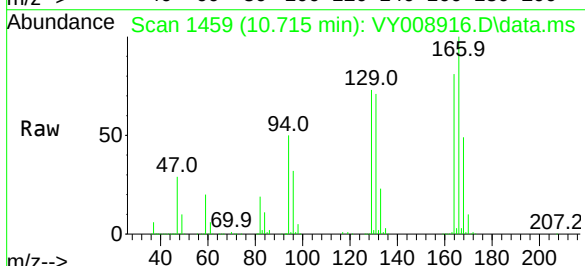
Ion Ratio Lower Upper

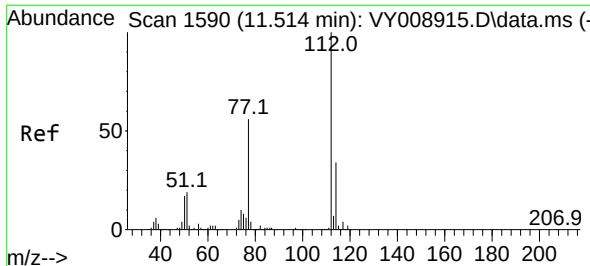
164 100

166 124.1 100.4 150.6

129 90.9 71.4 107.0

131 88.4 70.8 106.2

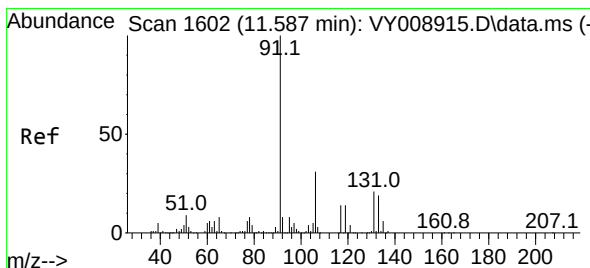
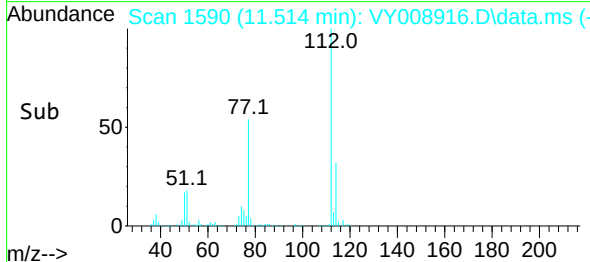
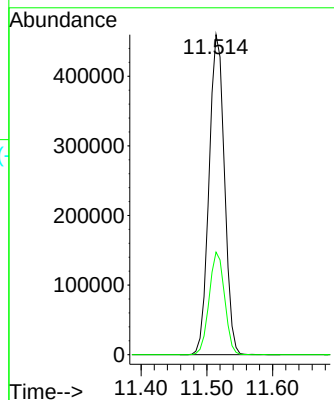
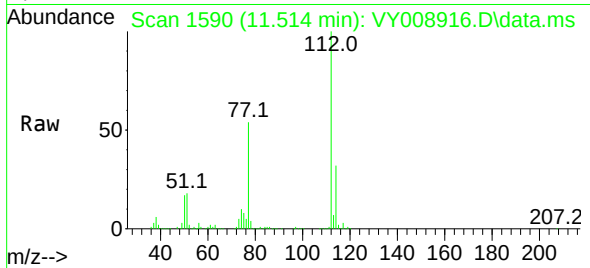




#65
Chlorobenzene
Concen: 112.609 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

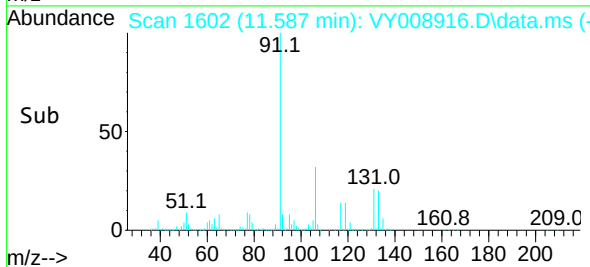
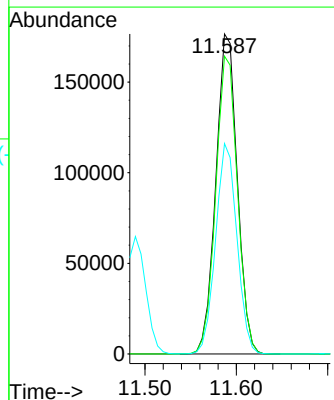
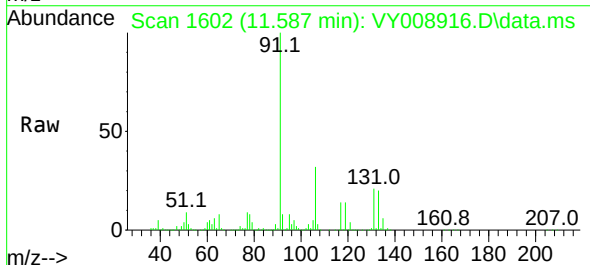
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

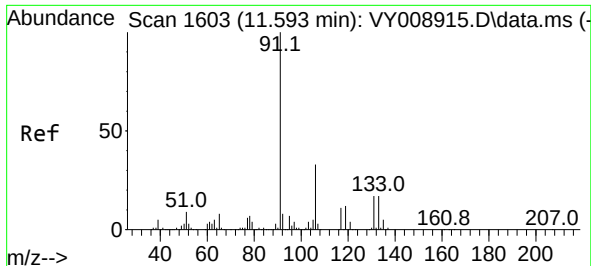
Tgt Ion:112 Resp: 748884
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 117.988 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion:131 Resp: 287941
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 117.792 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

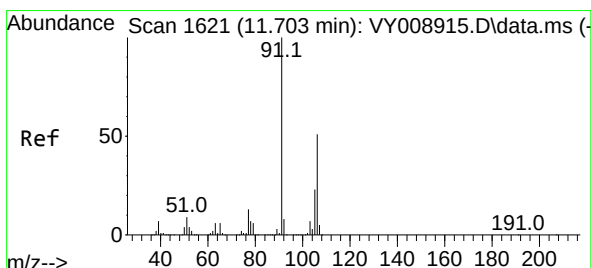
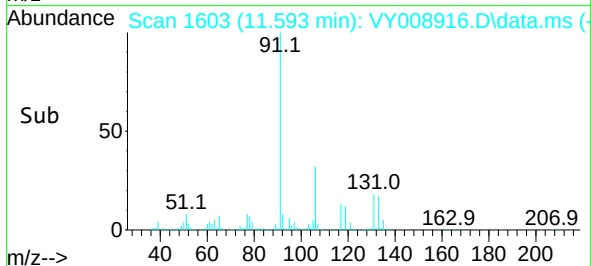
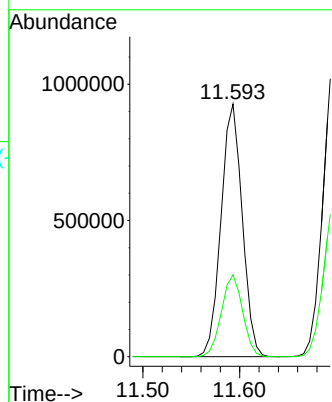
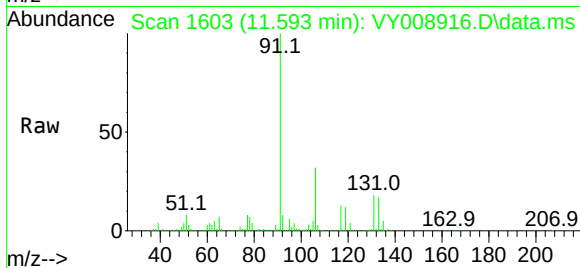
VSTDIC100

Tgt Ion: 91 Resp: 1407727

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 242.519 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008916.D

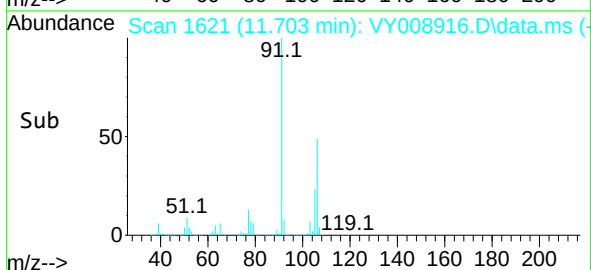
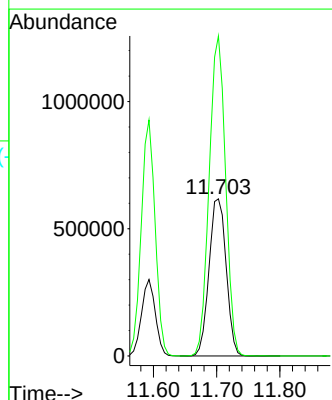
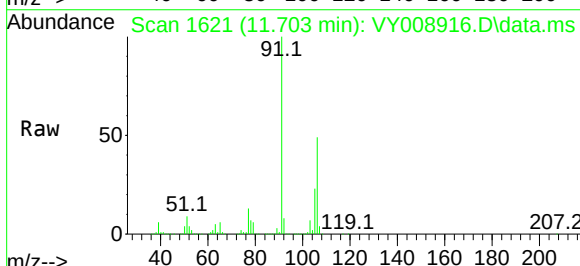
Acq: 20 May 2022 20:10

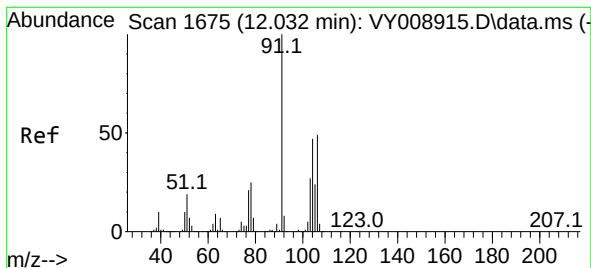
Tgt Ion:106 Resp: 1161661

Ion Ratio Lower Upper

106 100

91 194.6 166.6 249.8

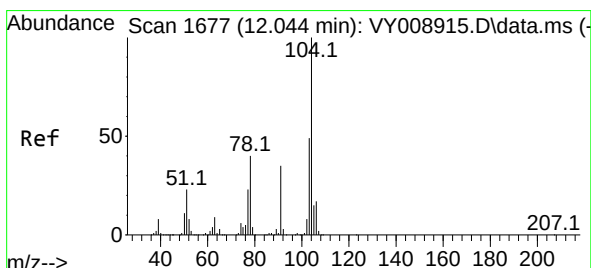
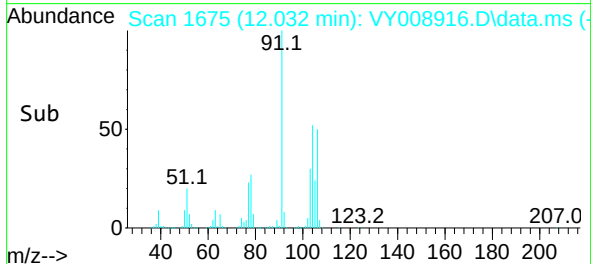
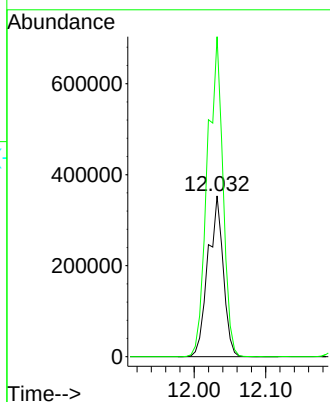
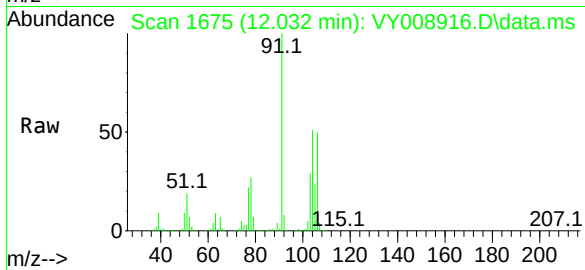




#69
o-Xylene
Concen: 117.968 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

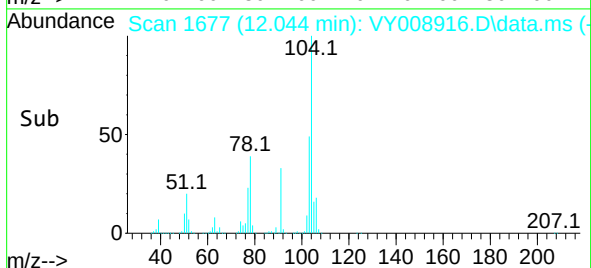
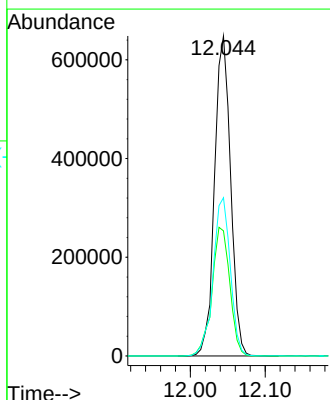
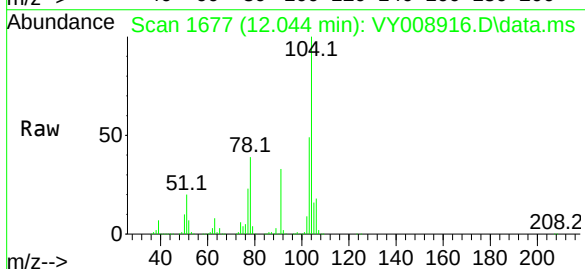
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

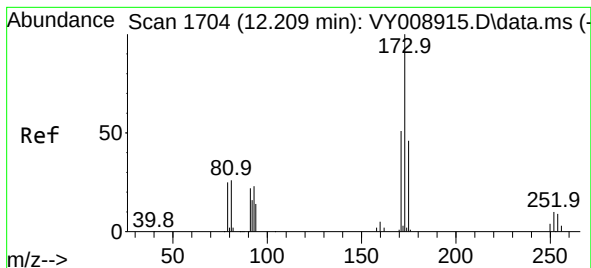
Tgt Ion:106 Resp: 521636
Ion Ratio Lower Upper
106 100
91 202.9 110.3 331.0



#70
Styrene
Concen: 128.786 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion:104 Resp: 971713
Ion Ratio Lower Upper
104 100
78 44.7 42.4 63.6
103 53.1 44.4 66.6





#71

Bromoform

Concen: 123.287 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

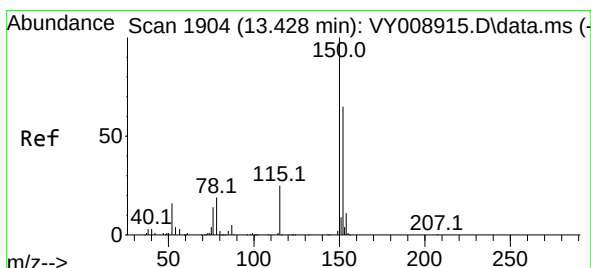
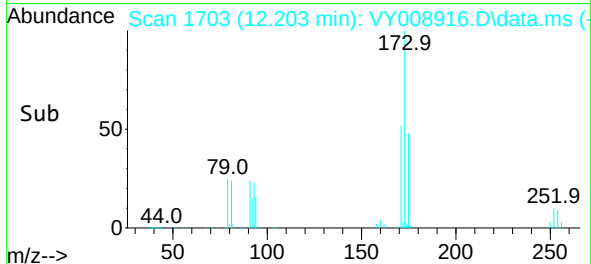
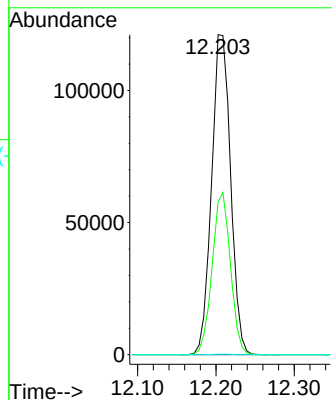
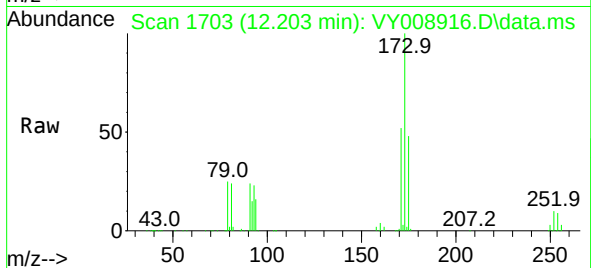
Tgt Ion:173 Resp: 204143

Ion Ratio Lower Upper

173 100

175 48.8 24.6 74.0

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

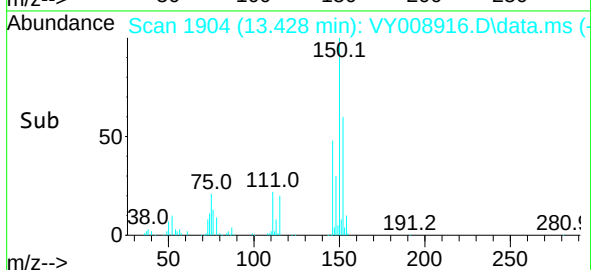
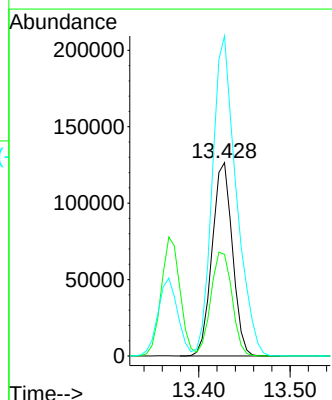
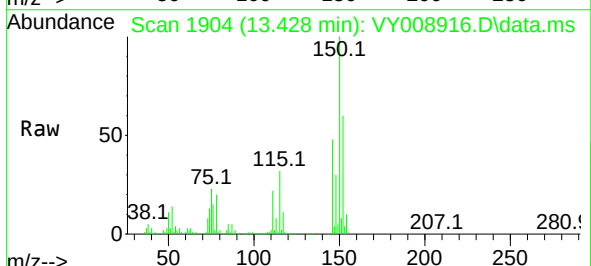
Tgt Ion:152 Resp: 195012

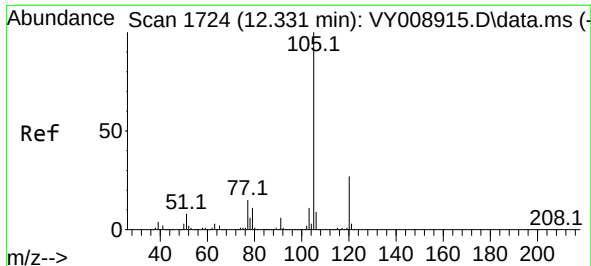
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 194.7 0.0 347.6

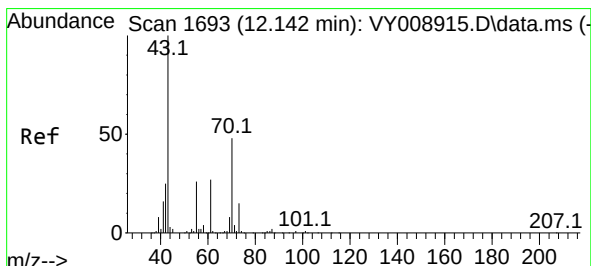
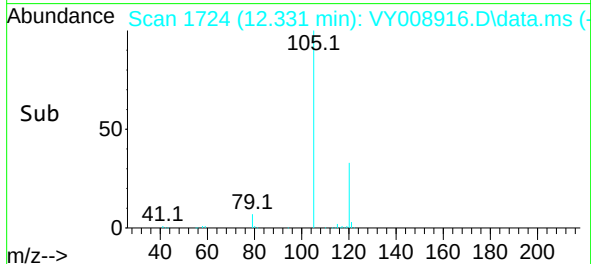
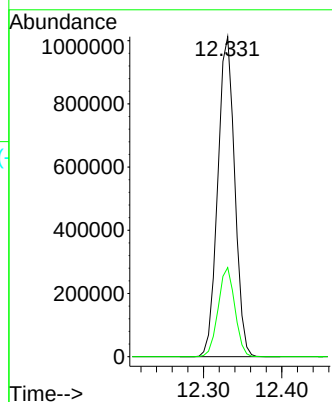
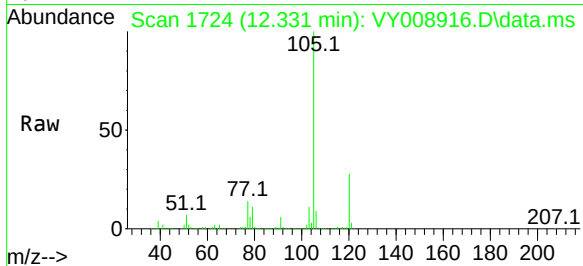




#73
Isopropylbenzene
Concen: 110.455 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

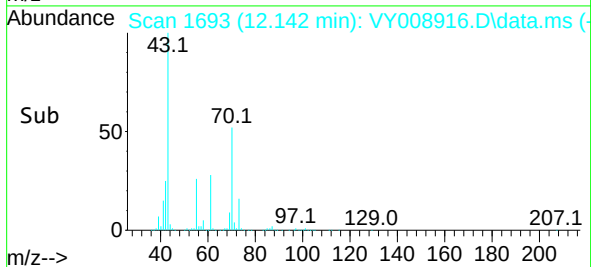
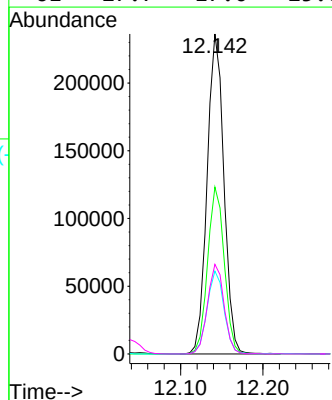
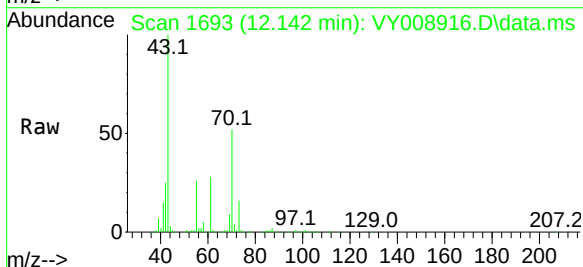
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

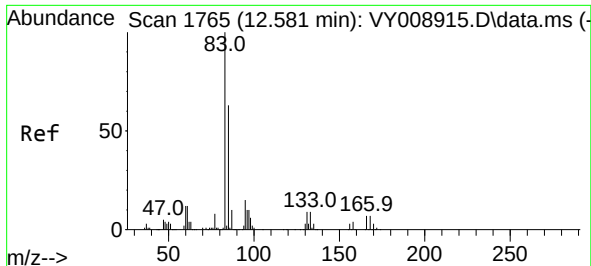
Tgt Ion:105 Resp: 1523419
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 102.352 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 43 Resp: 334930
Ion Ratio Lower Upper
43 100
70 51.8 28.7 43.1#
55 26.2 17.3 25.9#
61 27.7 17.0 25.6#

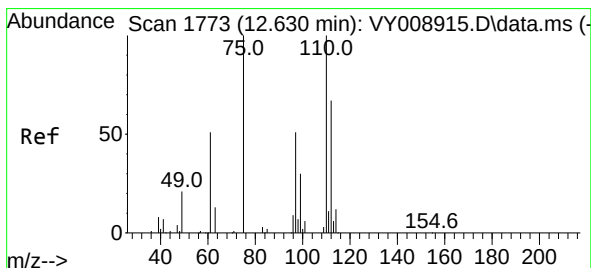
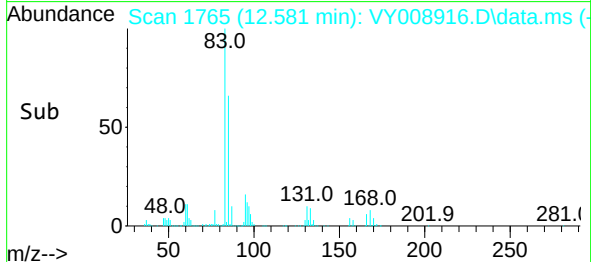
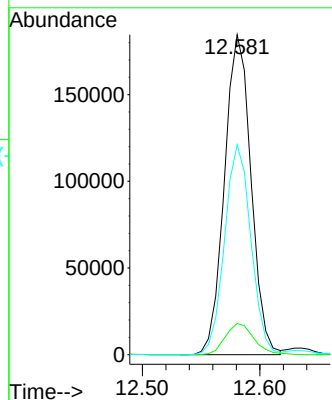
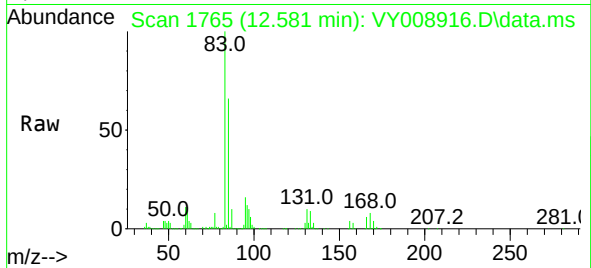




#75
1,1,2,2-Tetrachloroethane
Concen: 95.821 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

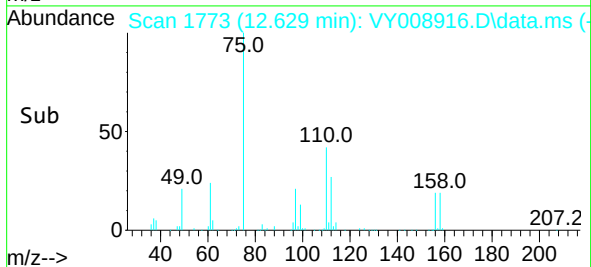
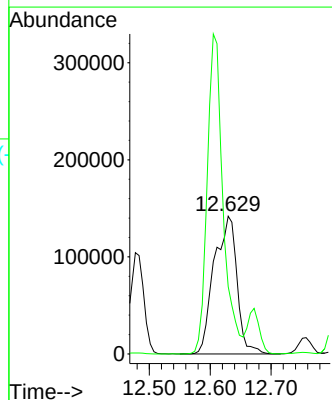
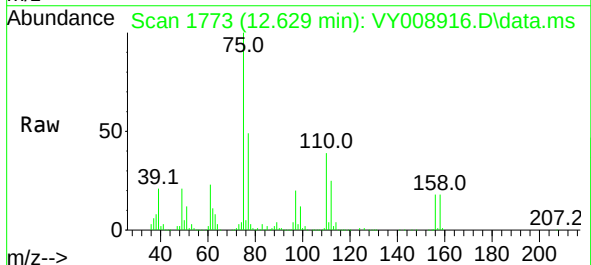
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

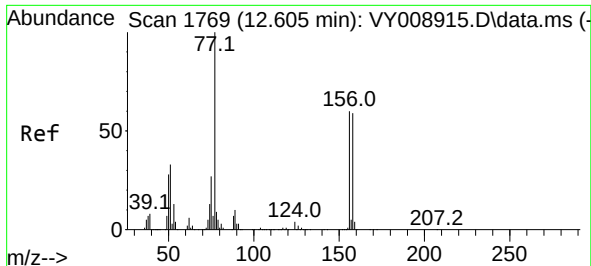
Tgt Ion: 83 Resp: 289895
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 162.096 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 75 Resp: 370177
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

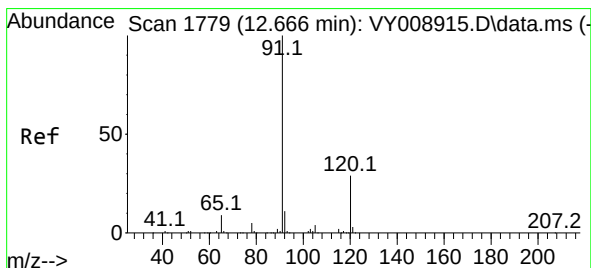
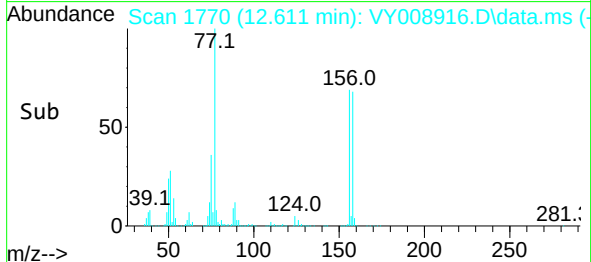
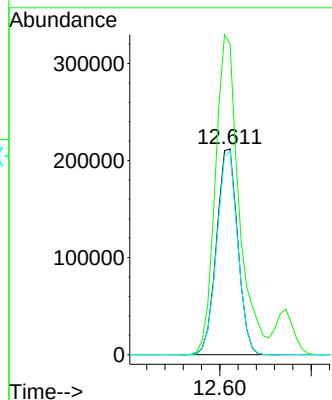
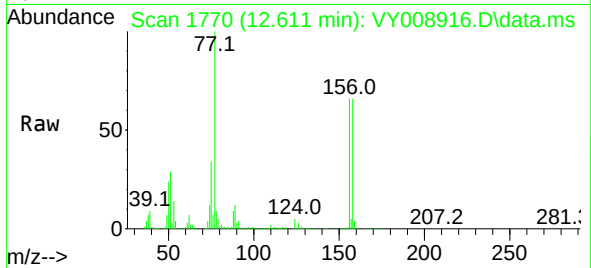




#77
Bromobenzene
Concen: 106.983 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

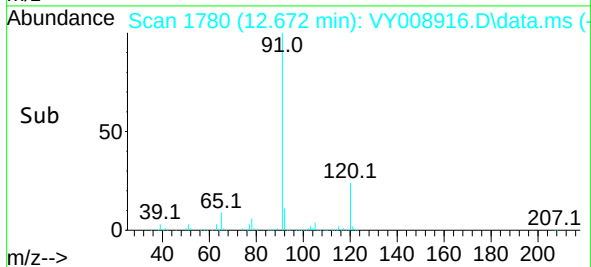
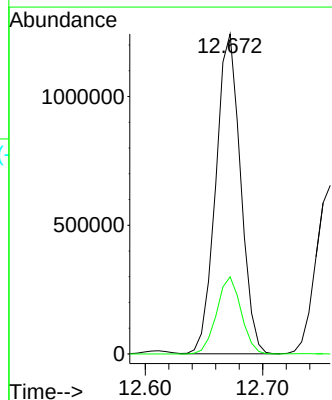
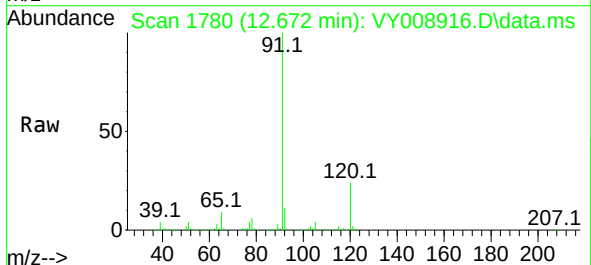
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

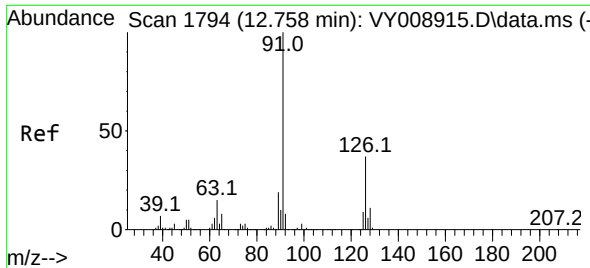
Tgt Ion:156 Resp: 341717
Ion Ratio Lower Upper
156 100
77 174.7 95.5 286.4
158 97.3 48.0 144.0



#78
n-propylbenzene
Concen: 115.087 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 91 Resp: 1819451
Ion Ratio Lower Upper
91 100
120 23.8 11.3 33.9

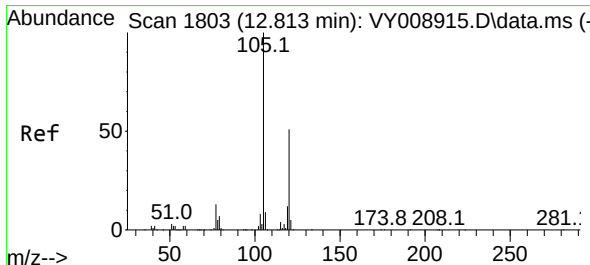
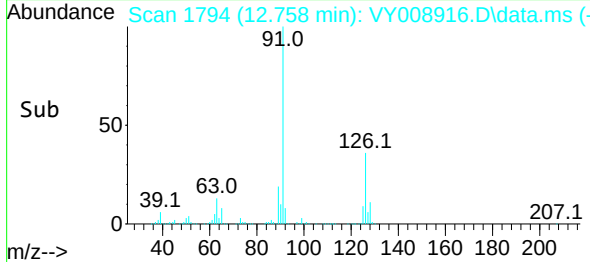
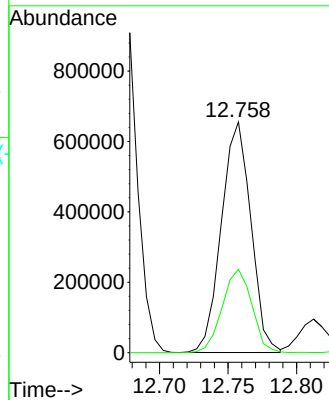
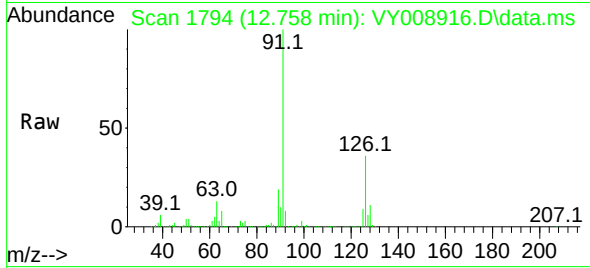




#79
2-Chlorotoluene
Concen: 106.925 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

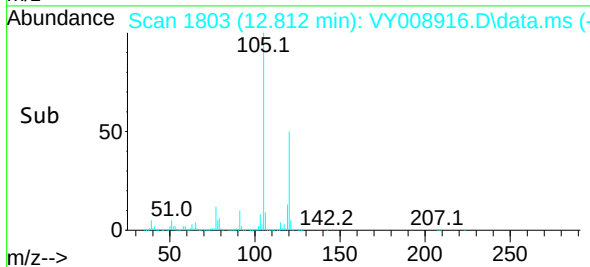
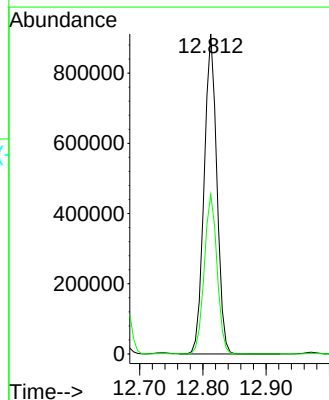
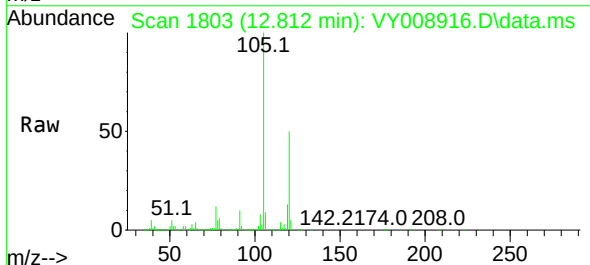
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

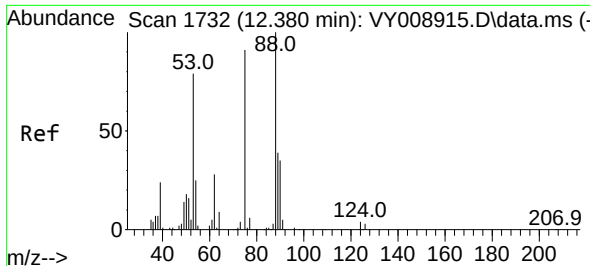
Tgt Ion: 91 Resp: 982149
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 113.701 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 105 Resp: 1273562
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

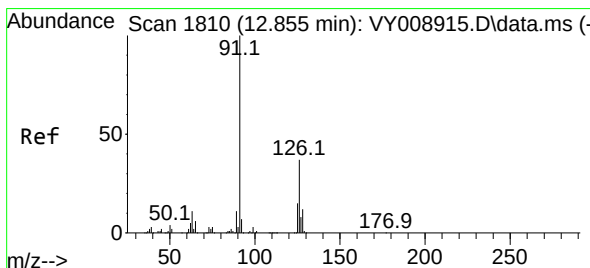
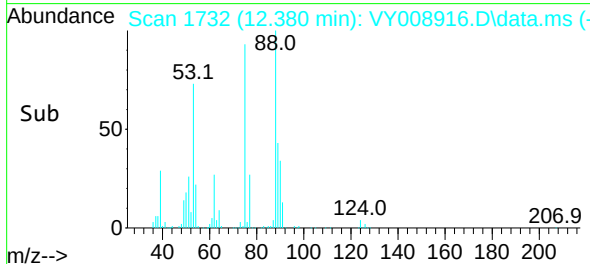
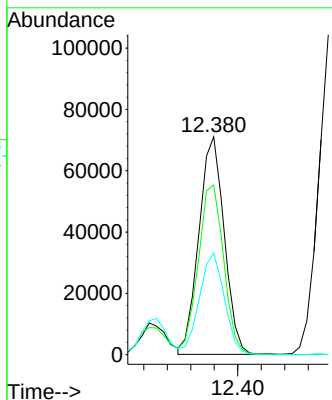
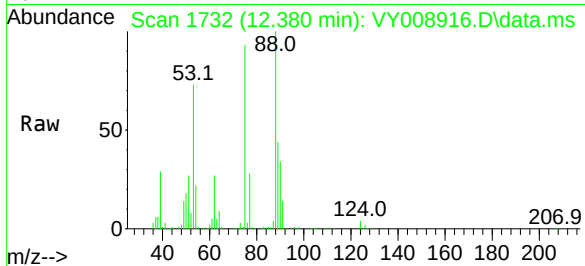




#81
trans-1,4-Dichloro-2-butene
Concen: 102.226 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

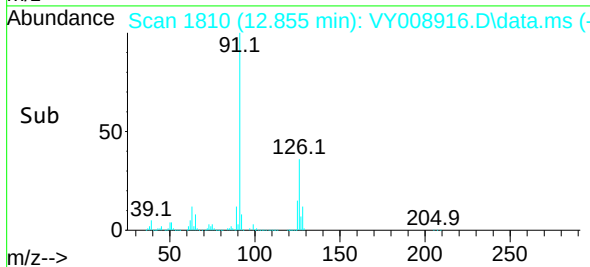
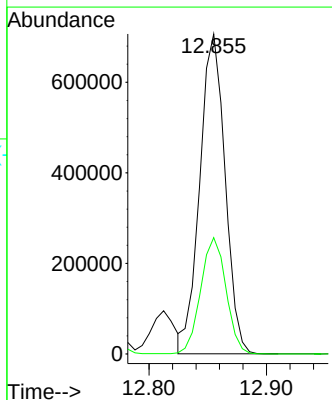
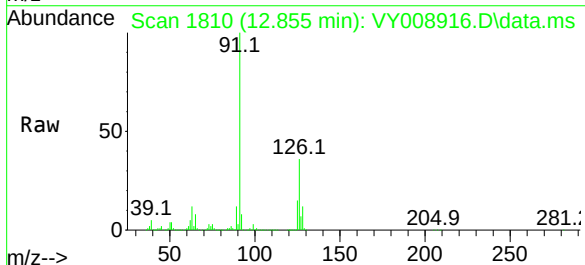
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

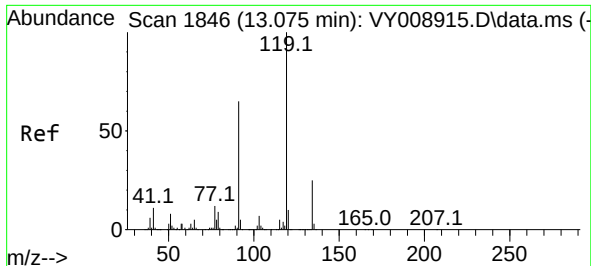
Tgt Ion: 75 Resp: 106029
Ion Ratio Lower Upper
75 100
53 79.0 85.3 127.9#
89 46.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 108.350 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 91 Resp: 1054926
Ion Ratio Lower Upper
91 100
126 36.5 17.0 51.0

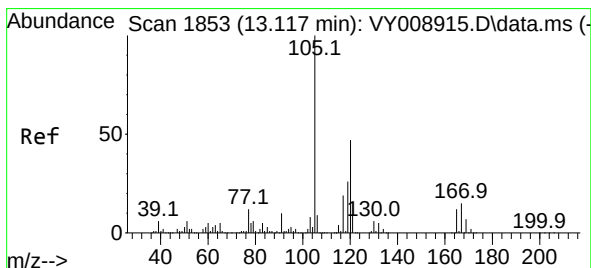
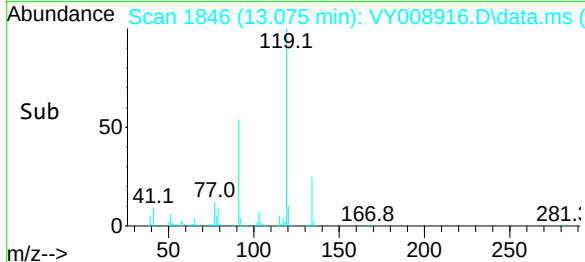
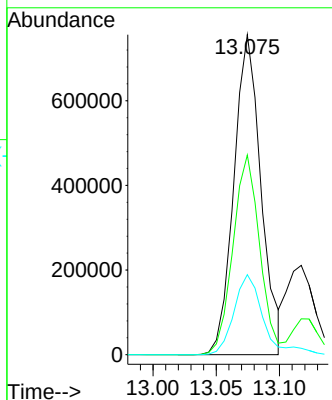
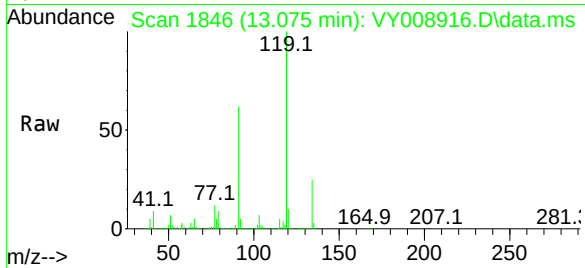




#83
 tert-Butylbenzene
 Concen: 112.737 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY008916.D
 Acq: 20 May 2022 20:10

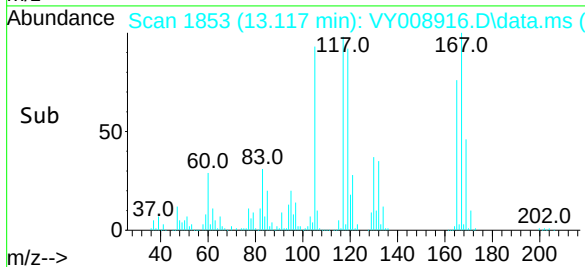
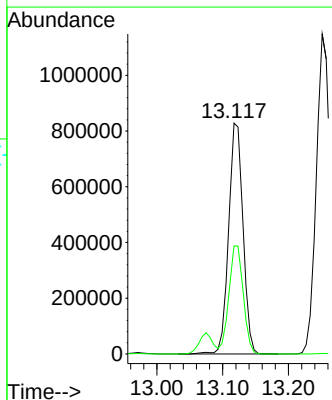
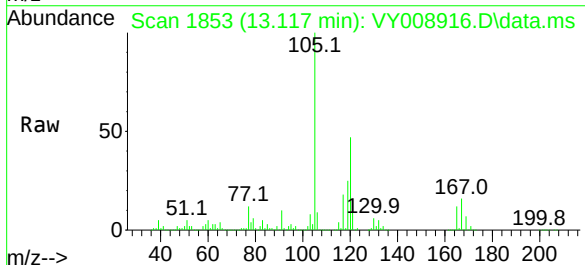
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

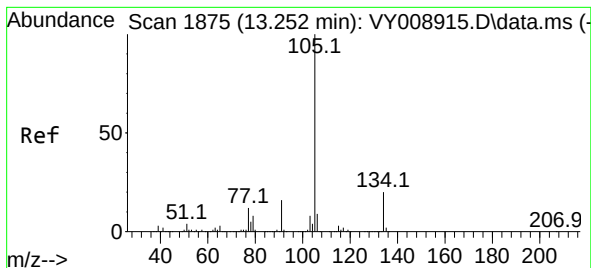
Tgt Ion:119 Resp: 1131371
 Ion Ratio Lower Upper
 119 100
 91 61.0 34.8 104.4
 134 27.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 113.364 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY008916.D
 Acq: 20 May 2022 20:10

Tgt Ion:105 Resp: 1259203
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 108.413 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

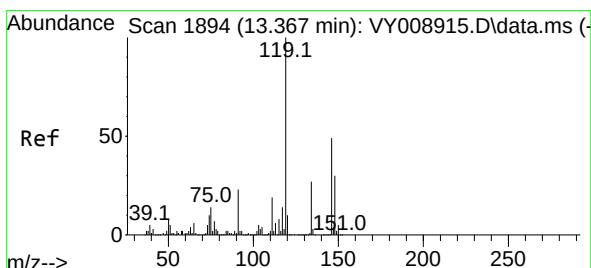
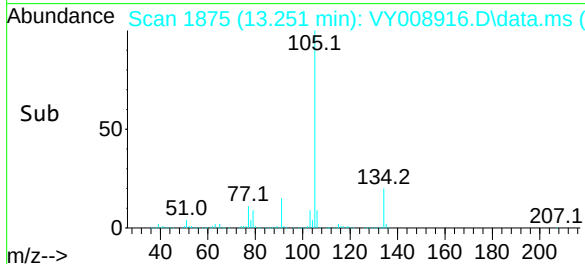
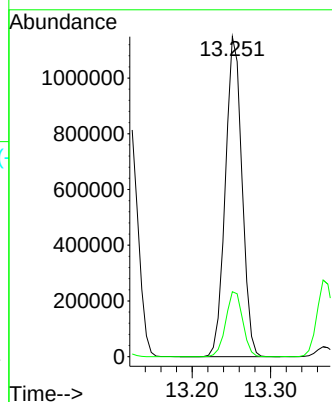
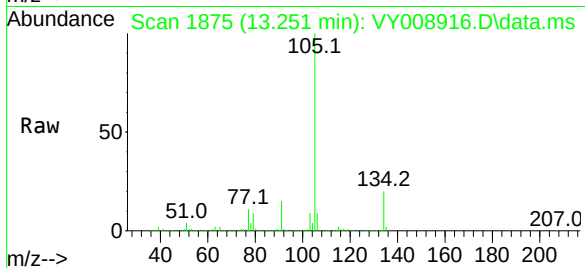
VSTDIC100

Tgt Ion:105 Resp: 1695598

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 114.146 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

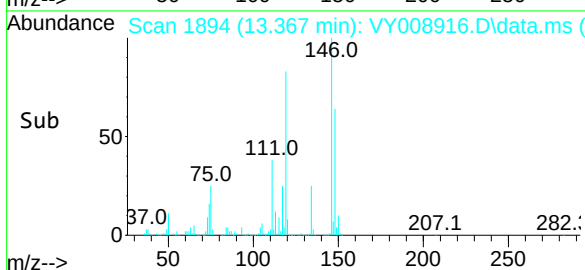
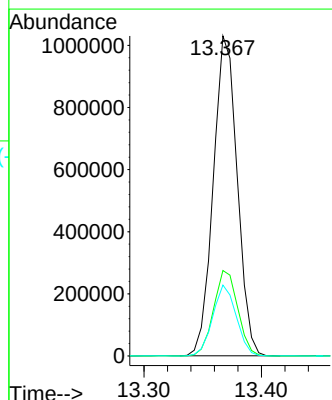
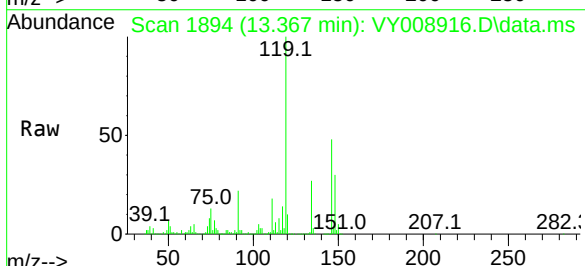
Tgt Ion:119 Resp: 1458705

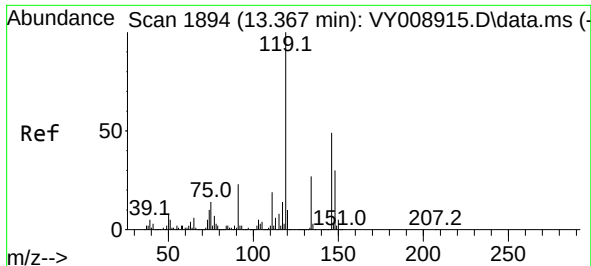
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 21.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 109.985 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

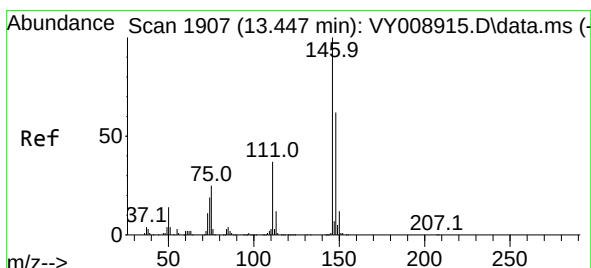
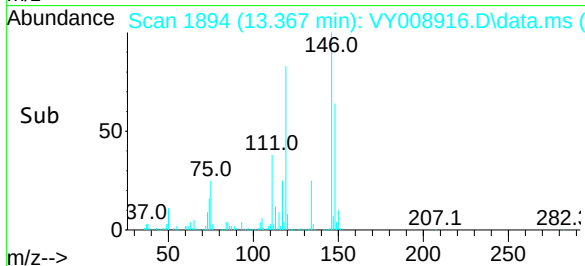
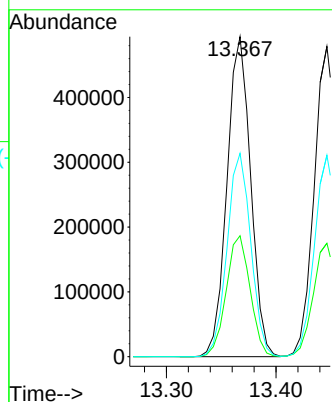
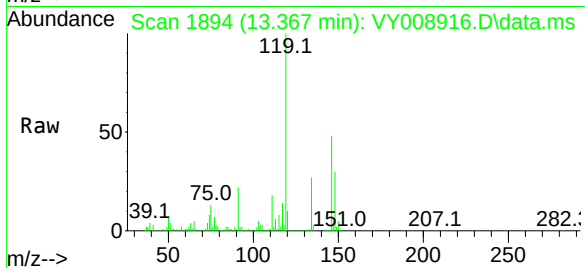
Tgt Ion:146 Resp: 740279

Ion Ratio Lower Upper

146 100

111 38.2 19.5 58.5

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 108.788 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

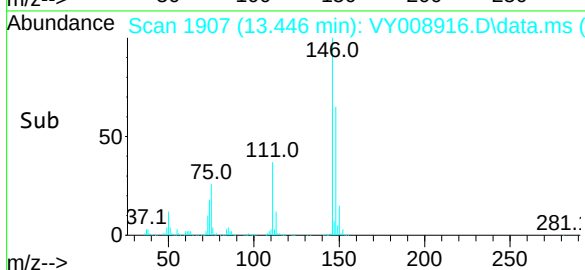
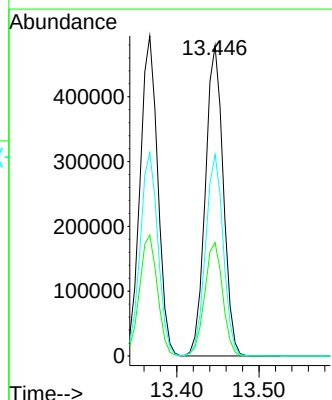
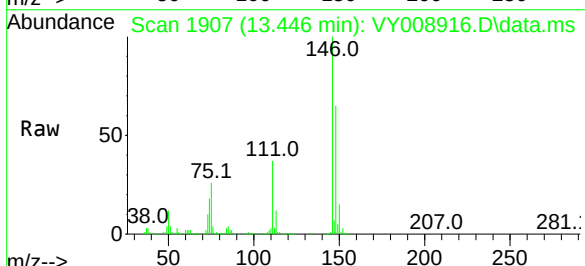
Tgt Ion:146 Resp: 723691

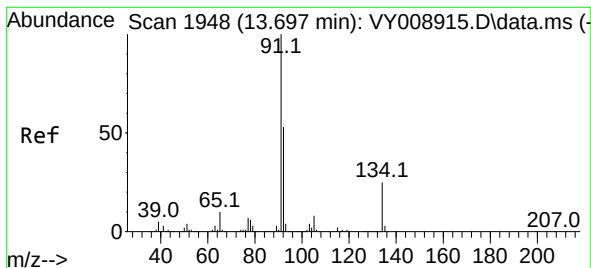
Ion Ratio Lower Upper

146 100

111 36.7 19.3 57.8

148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 103.347 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

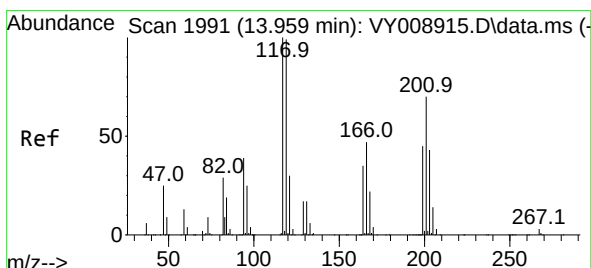
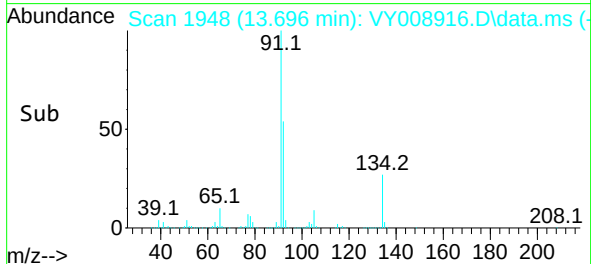
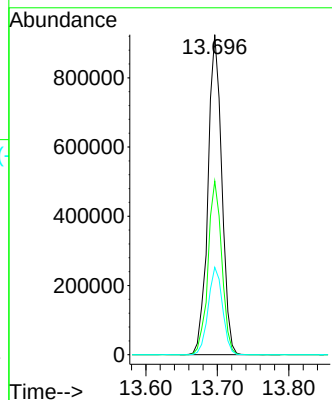
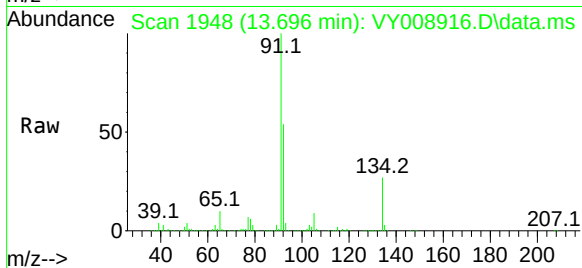
Tgt Ion: 91 Resp: 1244219

Ion Ratio Lower Upper

91 100

92 53.9 26.3 78.9

134 28.2 13.0 38.9



#90

Hexachloroethane

Concen: 105.973 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008916.D

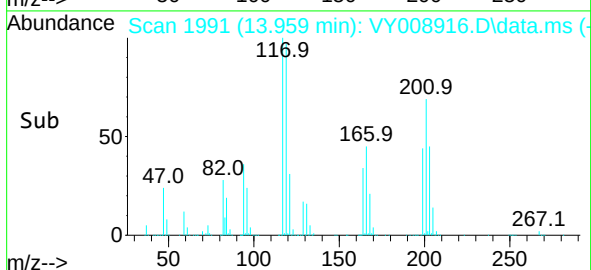
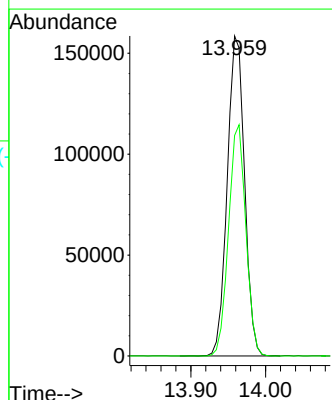
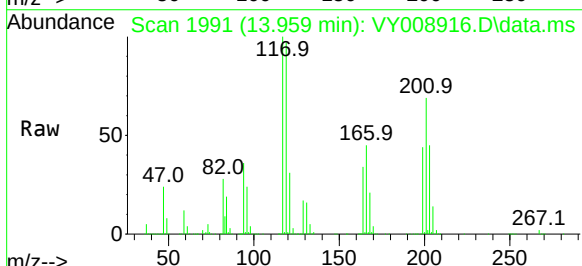
Acq: 20 May 2022 20:10

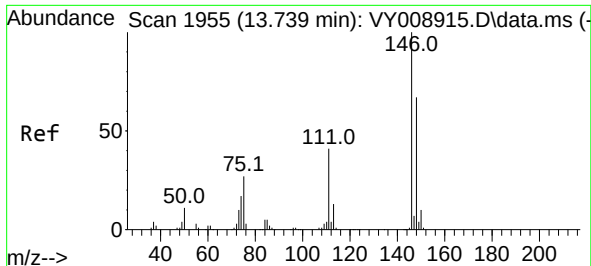
Tgt Ion: 117 Resp: 255542

Ion Ratio Lower Upper

117 100

201 72.0 43.0 128.8

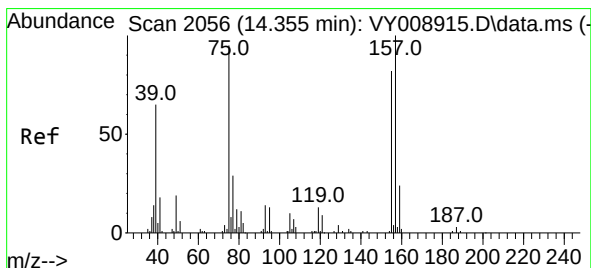
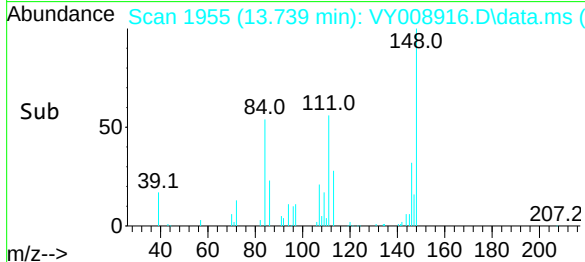
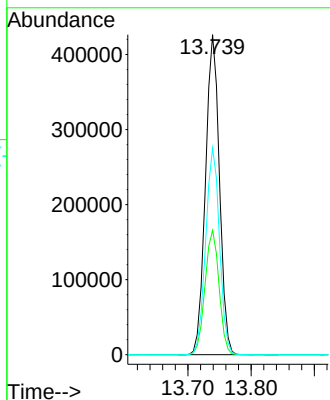
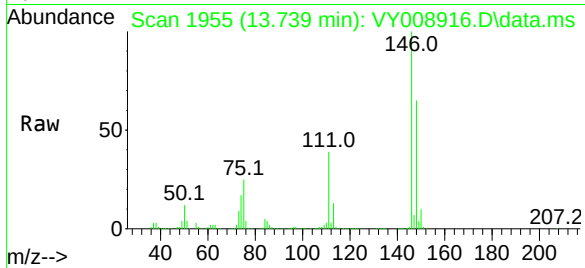




#91
1,2-Dichlorobenzene
Concen: 111.438 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

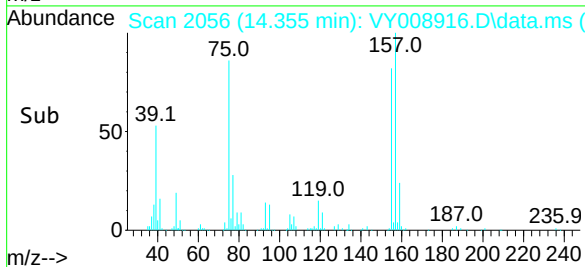
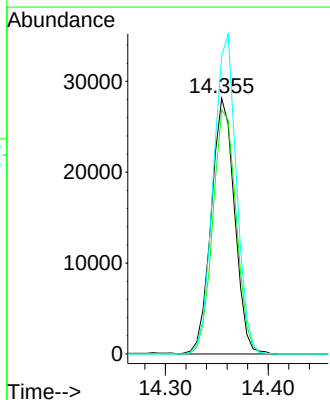
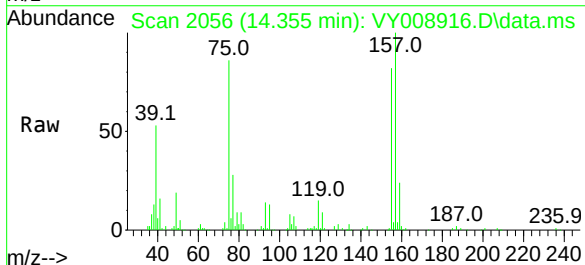
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

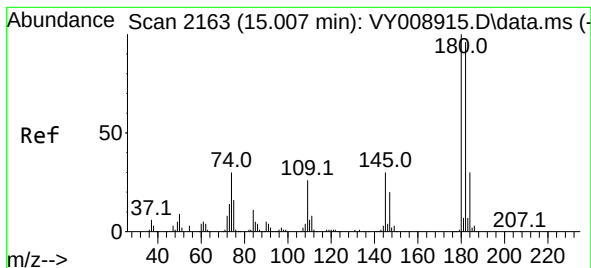
Tgt Ion:146 Resp: 654043
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 64.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 86.825 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008916.D
Acq: 20 May 2022 20:10

Tgt Ion: 75 Resp: 44297
Ion Ratio Lower Upper
75 100
155 96.1 38.0 113.9
157 122.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 110.712 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

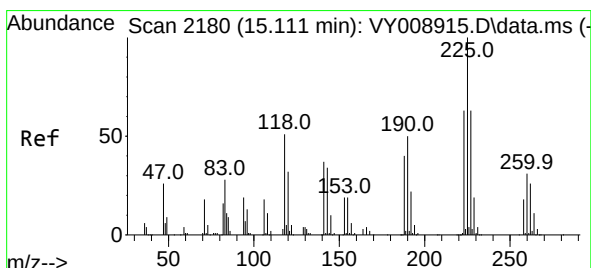
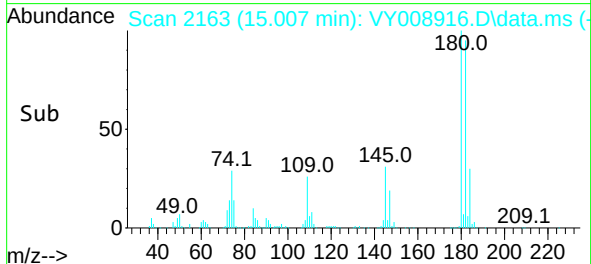
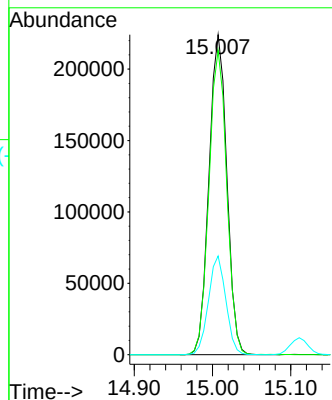
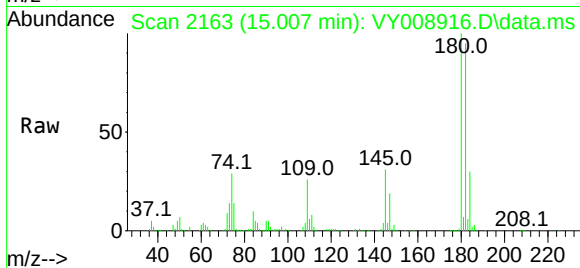
Tgt Ion:180 Resp: 354530

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 30.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 99.215 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

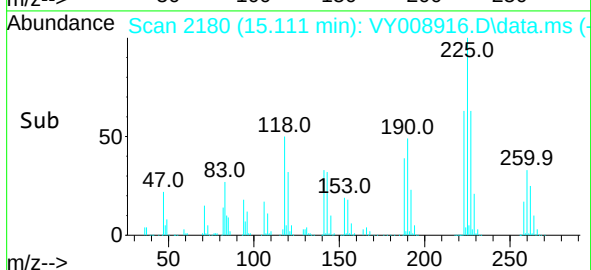
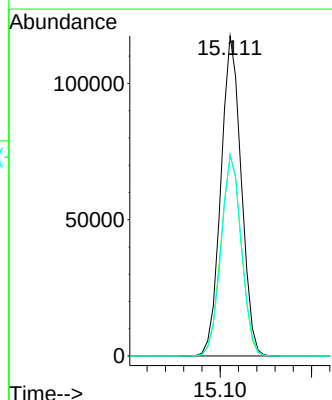
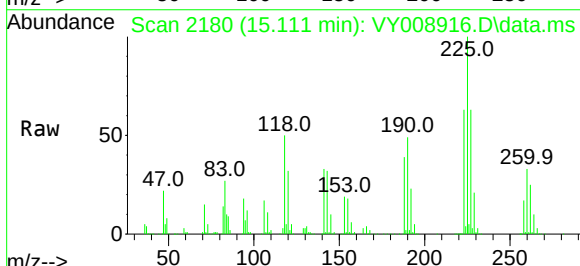
Tgt Ion:225 Resp: 181571

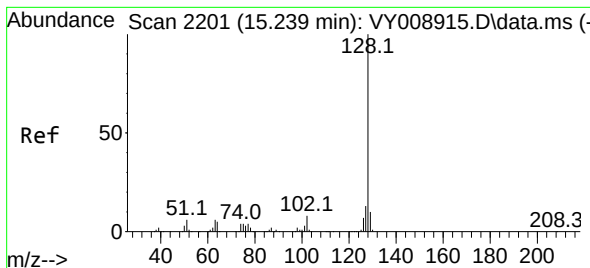
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 63.2 31.6 94.7





#95

Naphthalene

Concen: 108.354 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

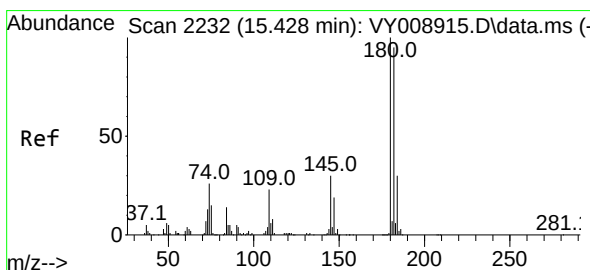
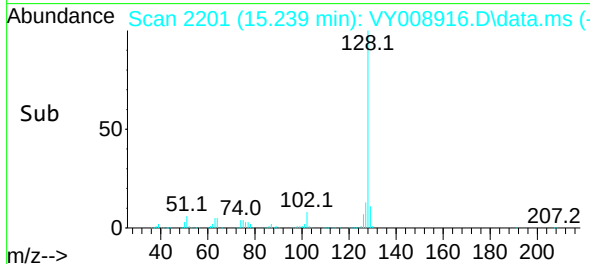
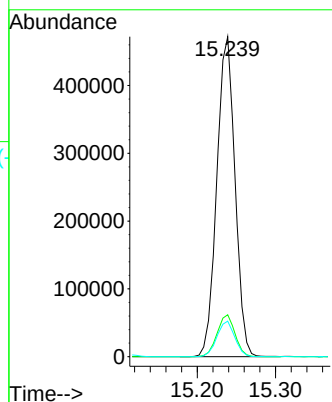
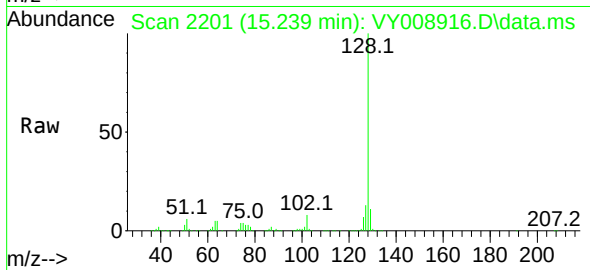
Tgt Ion:128 Resp: 763210

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 109.620 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008916.D

Acq: 20 May 2022 20:10

Tgt Ion:180 Resp: 307478

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 31.5 15.3 45.9

