

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008763.D
 Acq On : 13 May 2022 20:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 05:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	223905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66154	51.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.716	113	59553	44.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.660%	
50) Toluene-d8	10.179	98	205810	40.624	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.240%	
62) 4-Bromofluorobenzene	12.483	95	79061	45.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	55404	63.725	ug/l	98
3) Chloromethane	2.113	50	118025	65.396	ug/l	99
4) Vinyl Chloride	2.247	62	160177	63.640	ug/l	100
5) Bromomethane	2.644	94	152053	71.089	ug/l	99
6) Chloroethane	2.790	64	111937	63.360	ug/l	98
7) Trichlorofluoromethane	3.125	101	129659	57.888	ug/l	99
8) Diethyl Ether	3.528	74	45664	66.140	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	79958	60.300	ug/l	98
10) Methyl Iodide	4.082	142	75383	58.241	ug/l	98
11) Tert butyl alcohol	4.948	59	40312	134.367	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	71821	59.143	ug/l	96
13) Acrolein	3.729	56	20135	243.319	ug/l	96
14) Allyl chloride	4.473	41	104078	60.663	ug/l	97
15) Acrylonitrile	5.155	53	121590	344.448	ug/l	99
16) Acetone	3.942	43	85403	326.214	ug/l	95
17) Carbon Disulfide	4.192	76	198756	57.533	ug/l	99
18) Methyl Acetate	4.473	43	53284	72.265	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	236222	65.622	ug/l	98
20) Methylene Chloride	4.710	84	99487	73.157	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	88328	59.723	ug/l	99
22) Diisopropyl ether	6.119	45	265479	66.374	ug/l	98
23) Vinyl Acetate	6.058	43	909169	381.300	ug/l	99
24) 1,1-Dichloroethane	6.015	63	157816	62.405	ug/l	99
25) 2-Butanone	6.978	43	155209	339.707	ug/l	95
26) 2,2-Dichloropropane	6.984	77	139576	58.067	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	107627	63.860	ug/l	99
28) Bromochloromethane	7.332	49	59991	59.446	ug/l	96
29) Tetrahydrofuran	7.344	42	103590	351.584	ug/l	98
30) Chloroform	7.502	83	172339	63.934	ug/l	99
31) Cyclohexane	7.783	56	129207	63.600	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	148936	61.065	ug/l	99
36) 1,1-Dichloropropene	7.917	75	125474	58.415	ug/l	100
37) Ethyl Acetate	7.076	43	72545	66.742	ug/l	99
38) Carbon Tetrachloride	7.899	117	132960	58.661	ug/l	96
39) Methylcyclohexane	9.179	83	157960	57.844	ug/l	97
40) Benzene	8.161	78	375218	60.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	100179	189.982	ug/l #	36
42) 1,2-Dichloroethane	8.234	62	117152	66.321	ug/l	100
43) Isopropyl Acetate	8.271	43	137963	67.347	ug/l	100
44) Trichloroethene	8.935	130	99547	59.716	ug/l	99
45) 1,2-Dichloropropane	9.216	63	97192	64.488	ug/l	100
46) Dibromomethane	9.307	93	62375	65.220	ug/l	99
47) Bromodichloromethane	9.496	83	141453	63.825	ug/l	98
48) Methyl methacrylate	9.289	41	59361	67.647	ug/l	98
49) 1,4-Dioxane	9.295	88	16862	1407.493	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	388573	353.753	ug/l	99
52) Toluene	10.240	92	253490	61.038	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	147220	64.435	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	161113	63.112	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	88517	67.507	ug/l	95
56) Ethyl methacrylate	10.508	69	114540	67.868	ug/l	96
57) 1,3-Dichloropropane	10.788	76	144041	66.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	303503	343.388	ug/l	99
59) 2-Hexanone	10.831	43	263621	356.137	ug/l	100
60) Dibromochloromethane	10.984	129	104877	66.851	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82313	65.261	ug/l	98
64) Tetrachloroethene	10.721	164	91319	54.311	ug/l	96
65) Chlorobenzene	11.514	112	278350	58.451	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	105687	59.768	ug/l	98
67) Ethyl Benzene	11.593	91	495622	57.968	ug/l	99
68) m/p-Xylenes	11.703	106	405903	119.057	ug/l	100
69) o-Xylene	12.032	106	193438	60.339	ug/l	98
70) Styrene	12.044	104	332248	62.253	ug/l	99
71) Bromoform	12.203	173	78055	75.003	ug/l #	98
73) Isopropylbenzene	12.331	105	495217	49.784	ug/l	100
74) N-amyl acetate	12.142	43	134455	58.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	111506	54.570	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	136957	103.504	ug/l #	100
77) Bromobenzene	12.605	156	112896	50.125	ug/l	97
78) n-propylbenzene	12.672	91	616699	51.187	ug/l	100
79) 2-Chlorotoluene	12.758	91	332473	51.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	426678	52.604	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37178	54.280	ug/l	98
82) 4-Chlorotoluene	12.855	91	356721	52.232	ug/l	99
83) tert-Butylbenzene	13.075	119	374408	51.955	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	446046	55.328	ug/l	100
85) sec-Butylbenzene	13.251	105	578617	52.916	ug/l	100
86) p-Isopropyltoluene	13.367	119	520365	57.015	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	268008	57.278	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	264194	57.530	ug/l	99
89) n-Butylbenzene	13.696	91	449570	52.668	ug/l	99
90) Hexachloroethane	13.959	117	89192	52.973	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	223926	55.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16210	53.436	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	110911	49.281	ug/l	99
94) Hexachlorobutadiene	15.111	225	56715	47.866	ug/l	98
95) Naphthalene	15.239	128	250946	52.171	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	98097	49.230	ug/l	99

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: May 16 05:56:26 2022
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Quant Title : SW846 8260
QLast Update : Fri May 13 02:08:33 2022
Response via : Initial Calibration

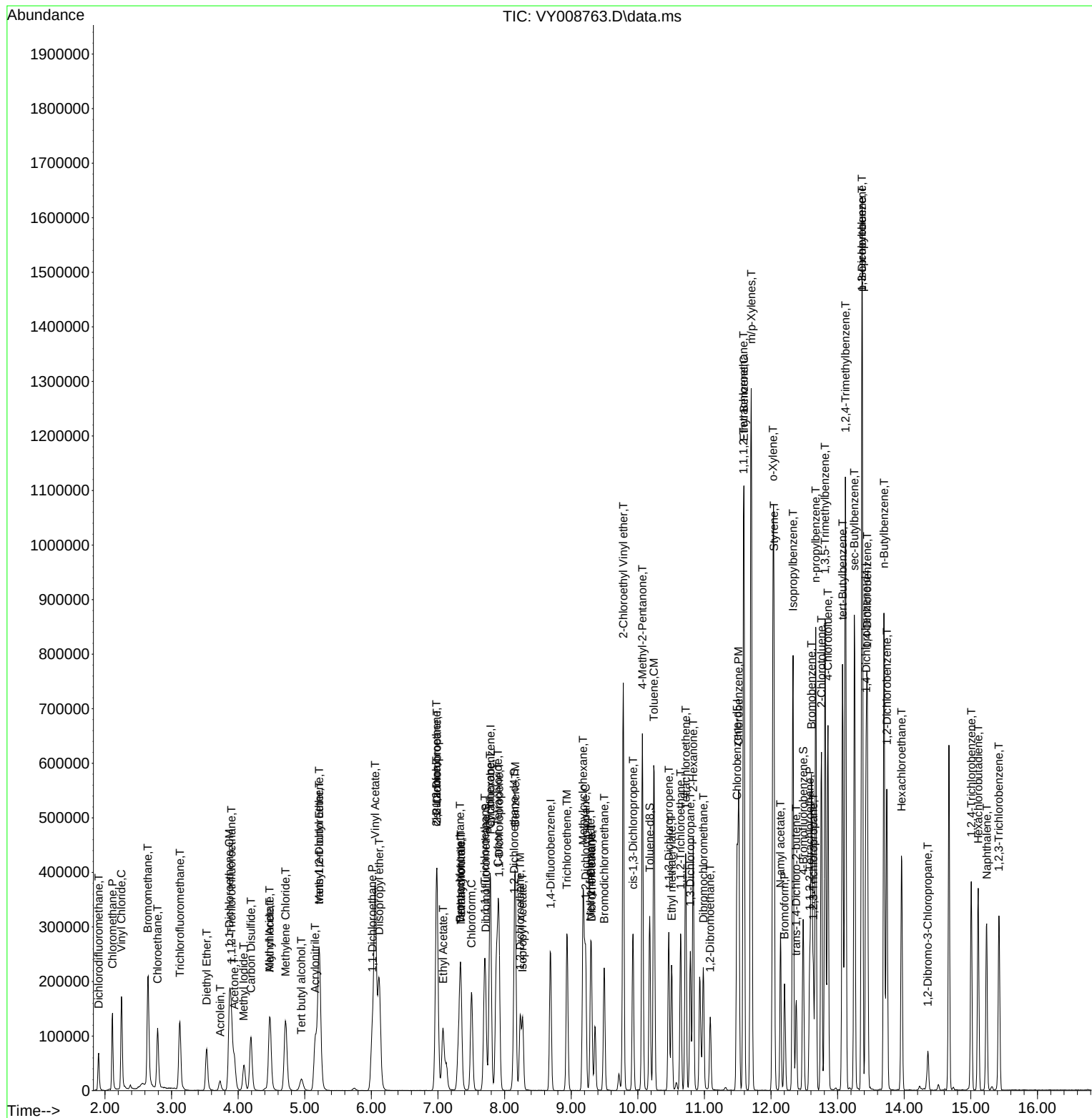
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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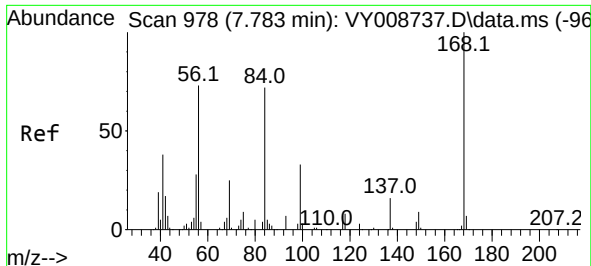
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY008763.D
 Acq On : 13 May 2022 20:42
 Operator : KP/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050EC

Quant Time: May 16 05:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
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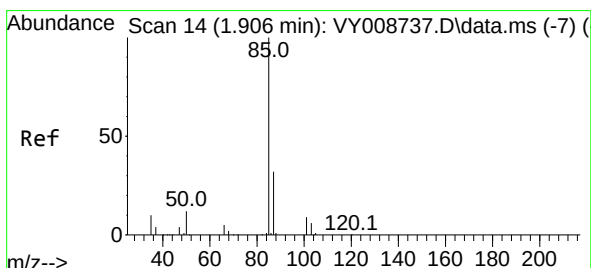
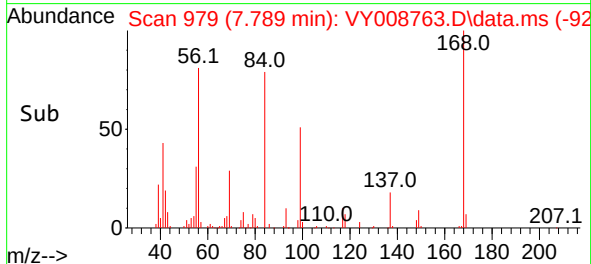
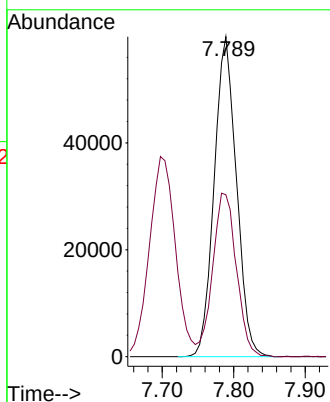
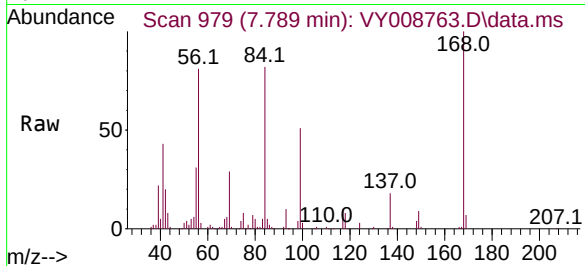




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008763.D
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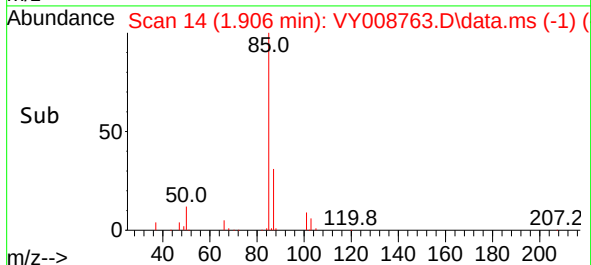
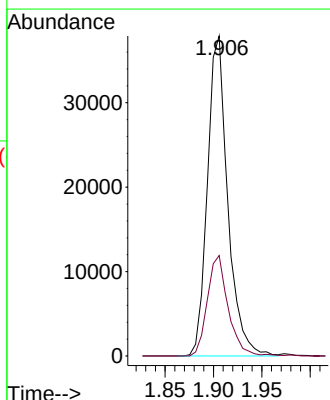
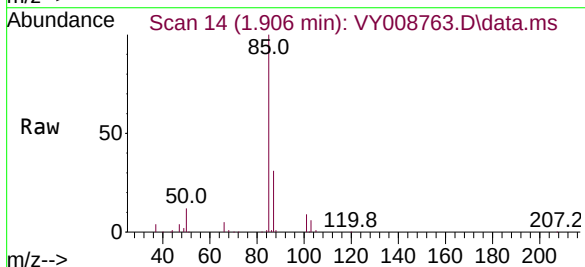
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

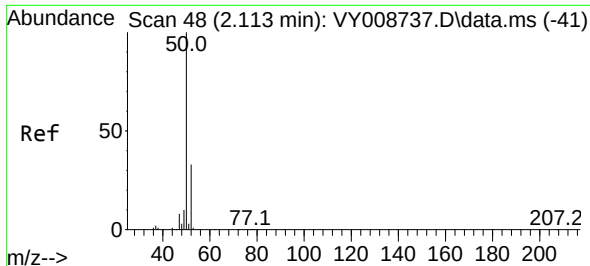
Tgt Ion:168 Resp: 129339
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 63.725 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 85 Resp: 55404
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.6

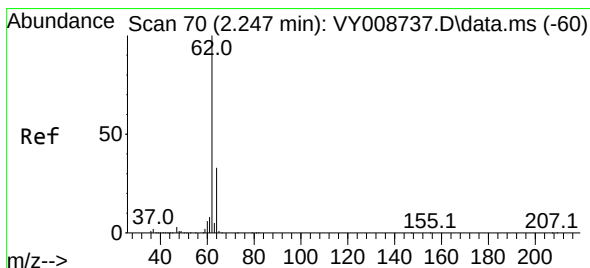
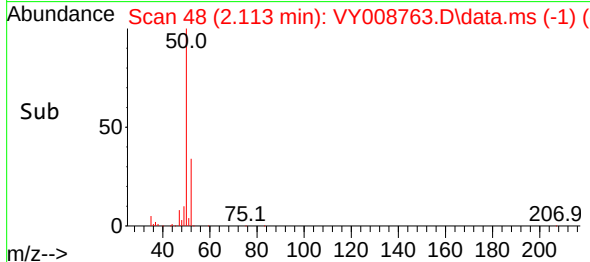
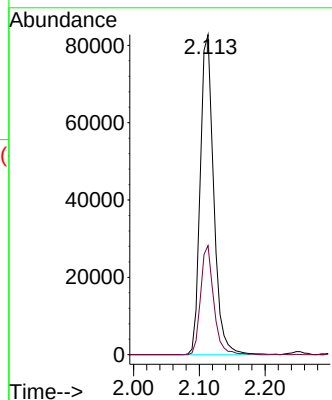
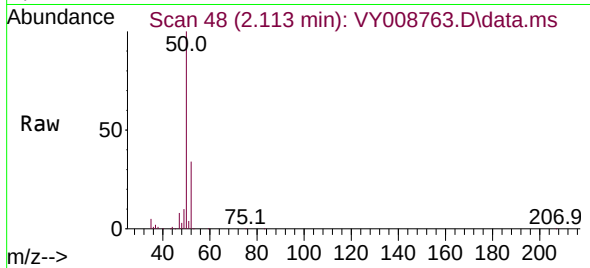




#3
Chloromethane
Concen: 65.396 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

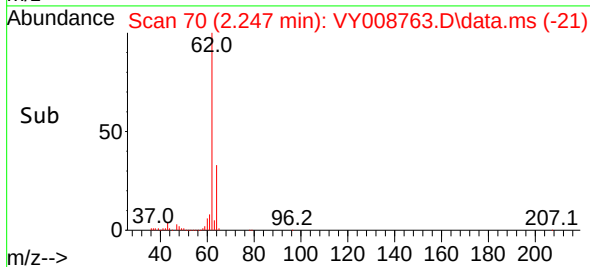
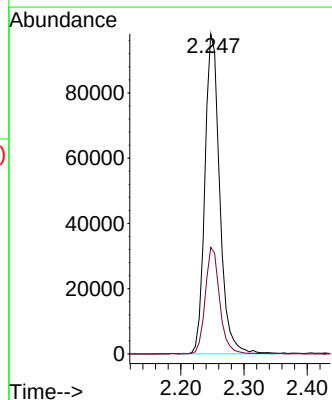
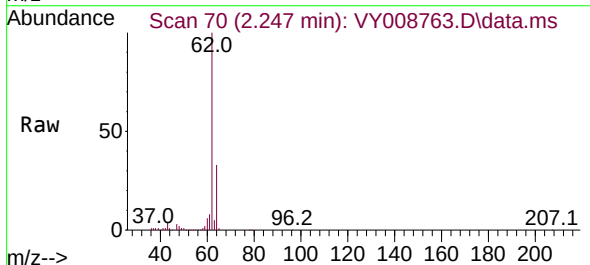
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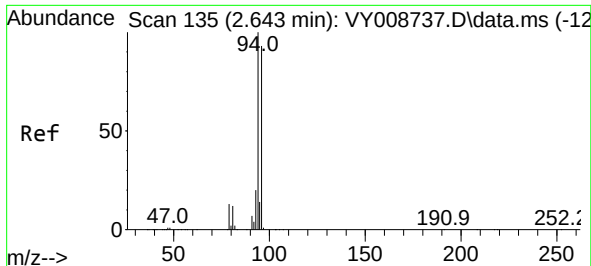
Tgt Ion: 50 Resp: 118025
Ion Ratio Lower Upper
50 100
52 34.1 26.7 40.1



#4
Vinyl Chloride
Concen: 63.640 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 62 Resp: 160177
Ion Ratio Lower Upper
62 100
64 33.3 26.7 40.1

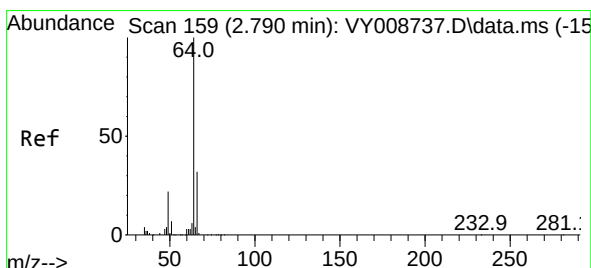
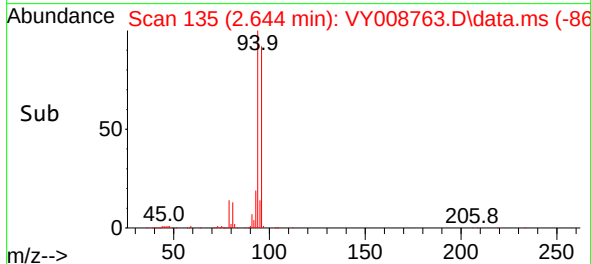
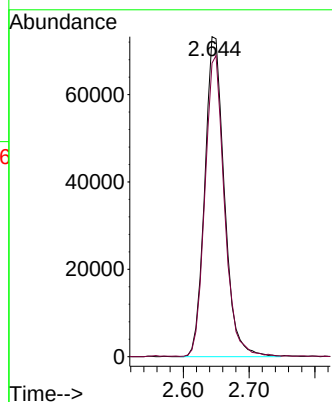
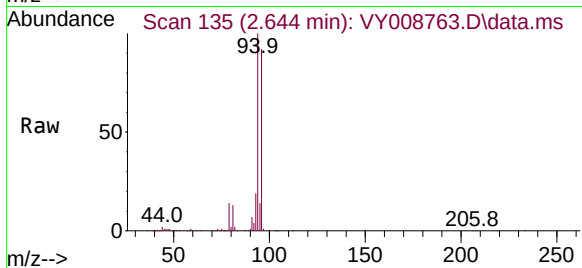




#5
Bromomethane
Concen: 71.089 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

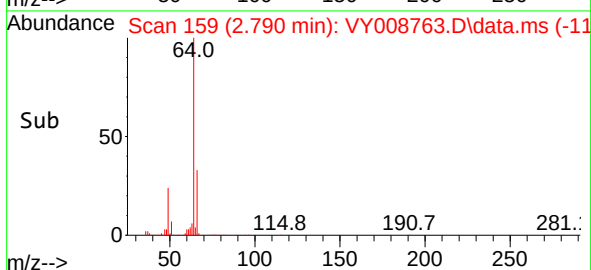
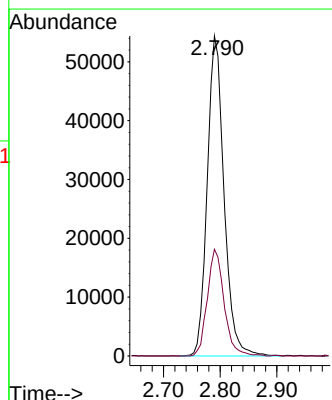
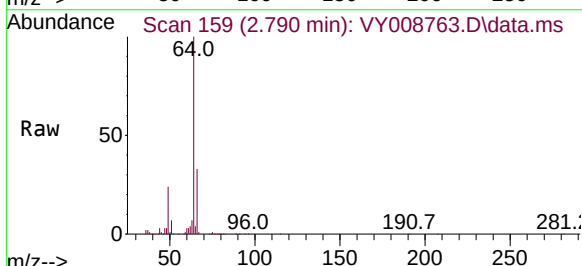
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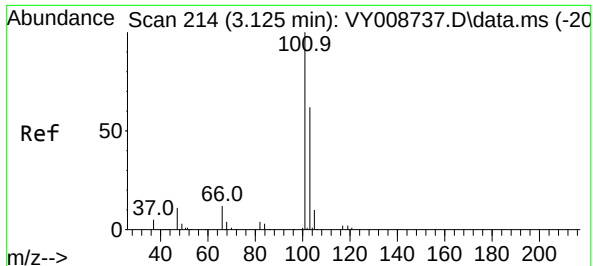
Tgt Ion: 94 Resp: 152053
Ion Ratio Lower Upper
94 100
96 91.7 74.2 111.4



#6
Chloroethane
Concen: 63.360 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 64 Resp: 111937
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.6

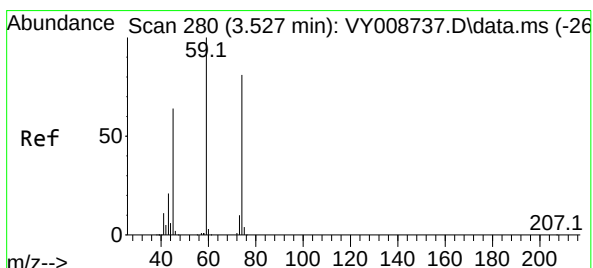
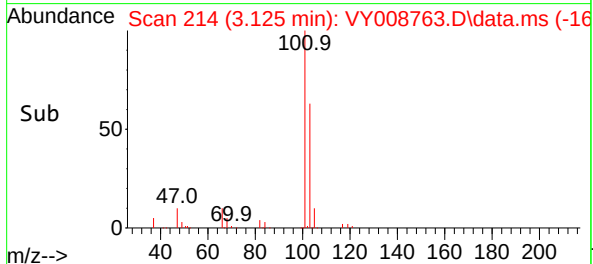
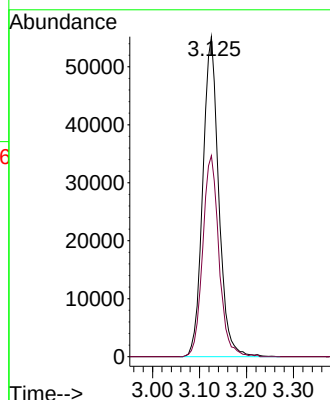
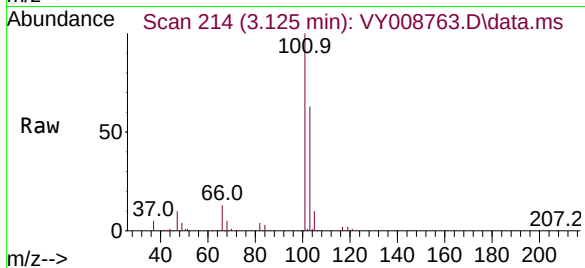




#7
 Trichlorofluoromethane
 Concen: 57.888 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

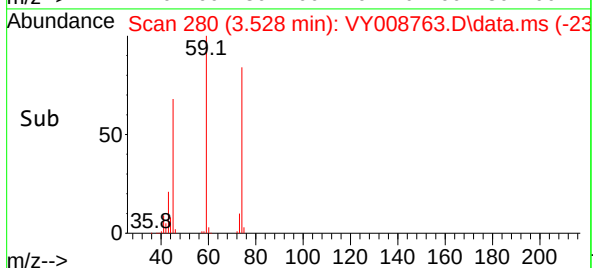
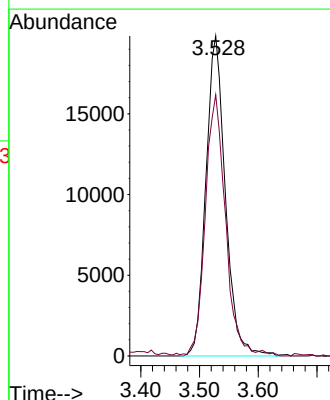
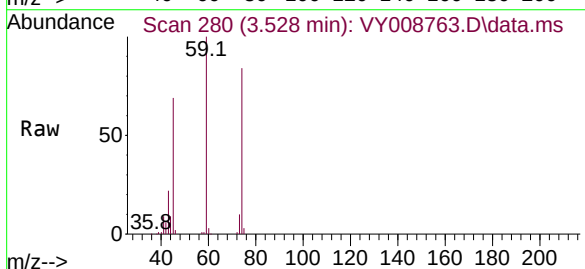
Instrument :
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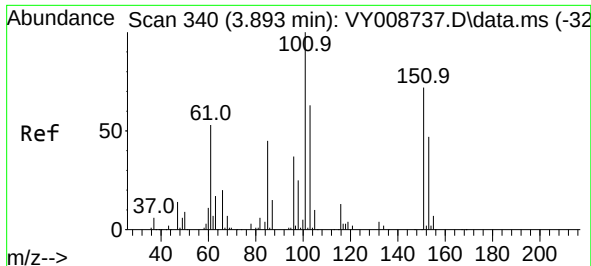
Tgt Ion:101 Resp: 129659
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.5 74.3



#8
 Diethyl Ether
 Concen: 66.140 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008763.D
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Tgt Ion: 74 Resp: 45664
 Ion Ratio Lower Upper
 74 100
 45 82.6 42.6 127.8

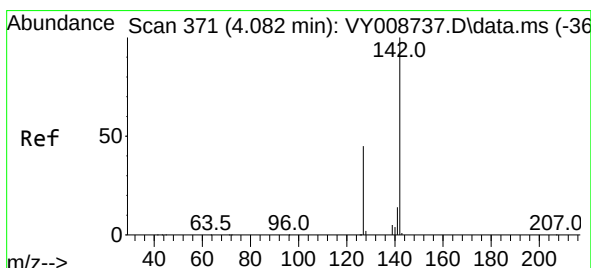
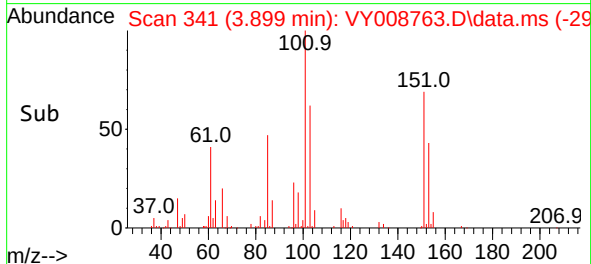
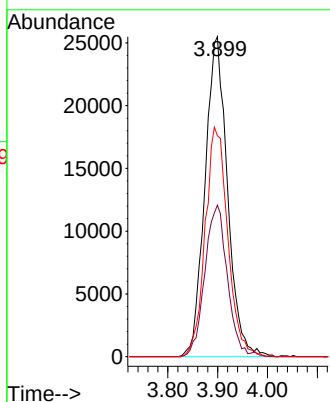
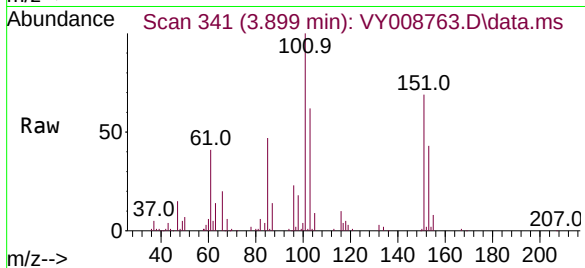




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.300 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

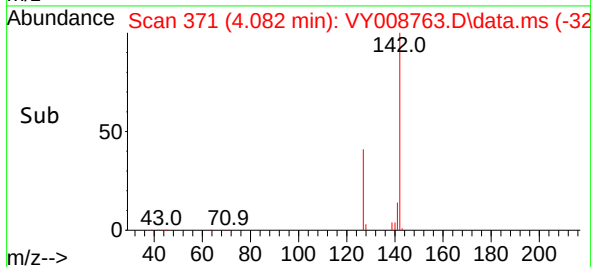
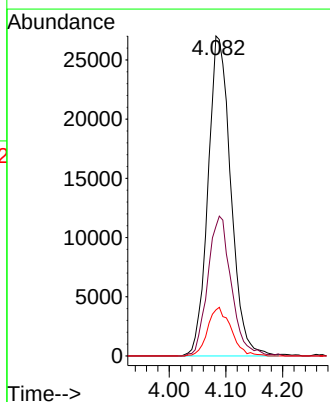
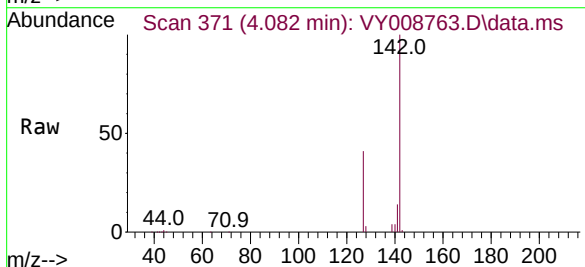
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

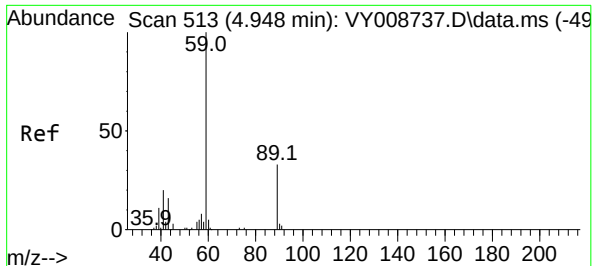
Tgt Ion:101 Resp: 79958
Ion Ratio Lower Upper
101 100
85 47.1 37.8 56.6
151 72.0 59.4 89.2



#10
Methyl Iodide
Concen: 58.241 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion:142 Resp: 75383
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.0
141 15.6 11.7 17.5

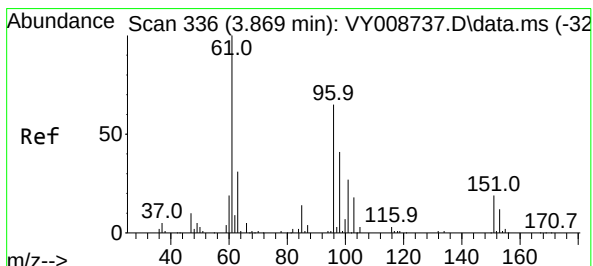
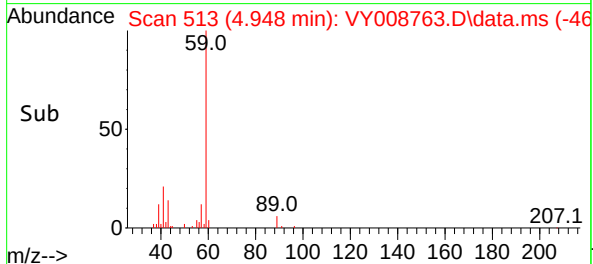
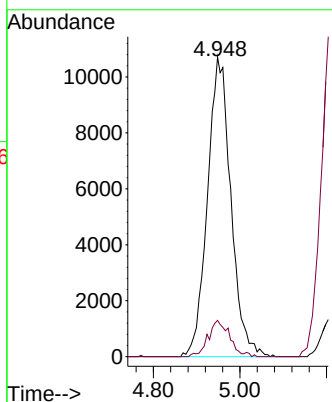
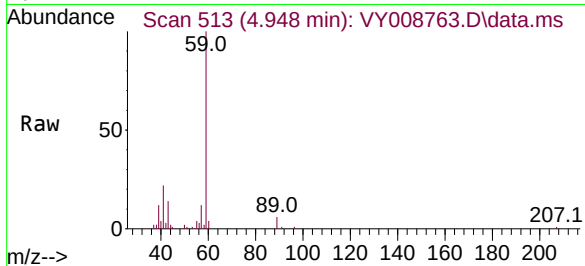




#11
Tert butyl alcohol
Concen: 134.367 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

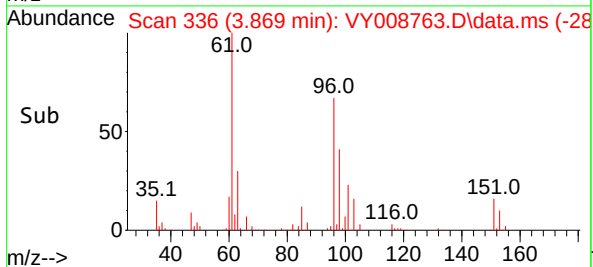
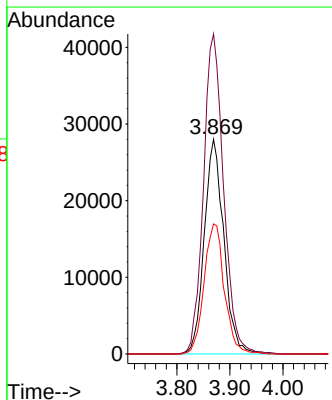
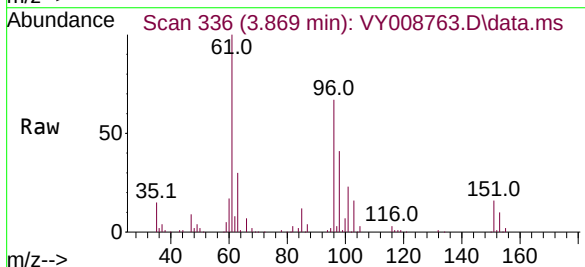
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

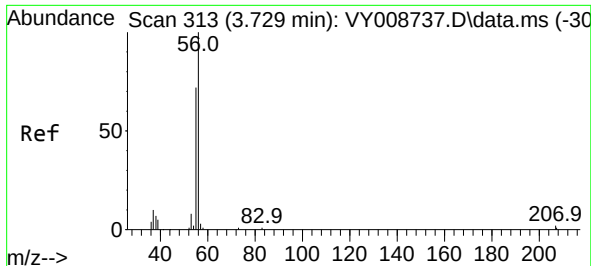
Tgt Ion: 59 Resp: 40312
Ion Ratio Lower Upper
59 100
57 10.8 6.7 10.1#



#12
1,1-Dichloroethene
Concen: 59.143 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 96 Resp: 71821
Ion Ratio Lower Upper
96 100
61 149.1 123.9 185.9
98 60.6 51.2 76.8

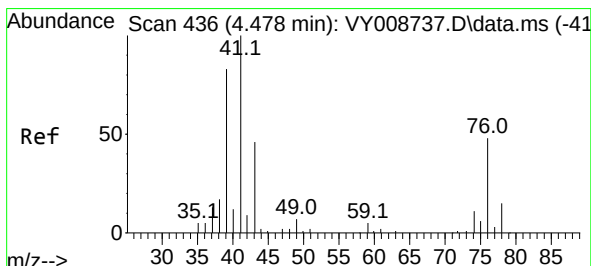
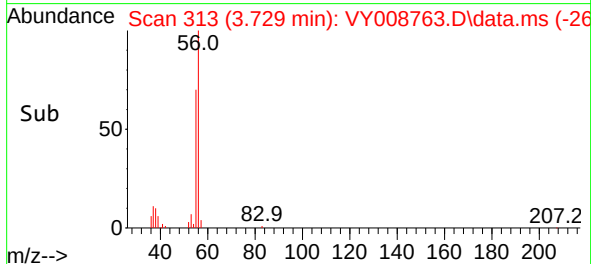
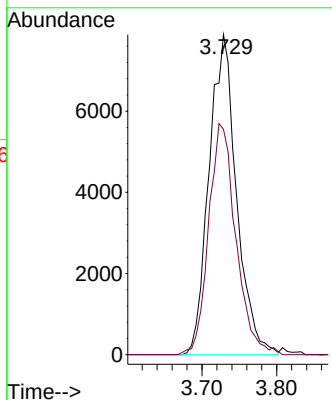
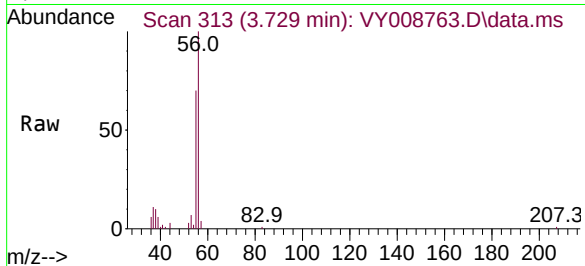




#13
Acrolein
Concen: 243.319 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

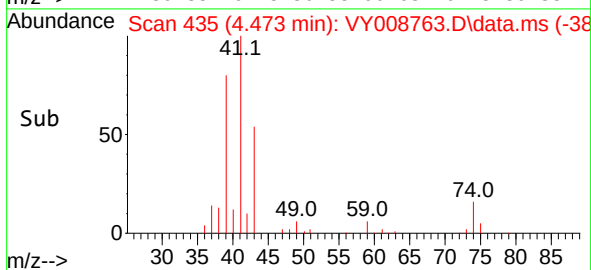
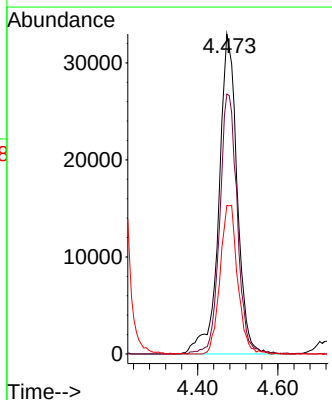
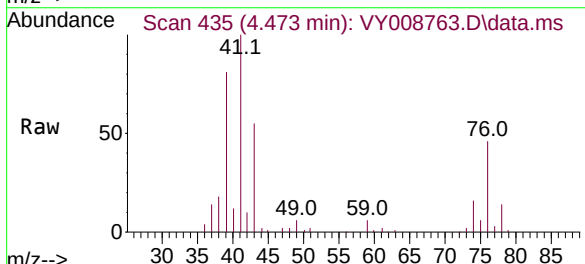
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

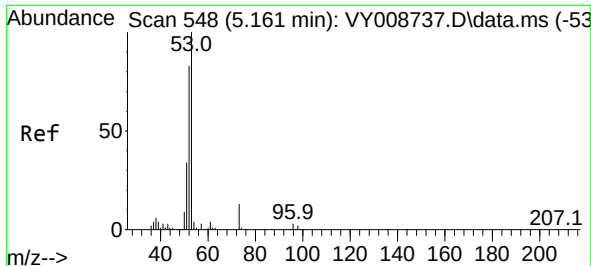
Tgt Ion: 56 Resp: 20135
Ion Ratio Lower Upper
56 100
55 71.5 59.8 89.6



#14
Allyl chloride
Concen: 60.663 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 41 Resp: 104078
Ion Ratio Lower Upper
41 100
39 78.2 64.0 96.0
76 44.6 37.5 56.3

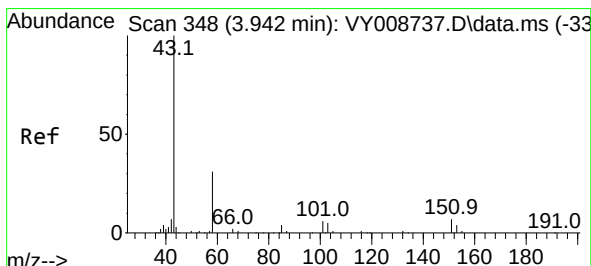
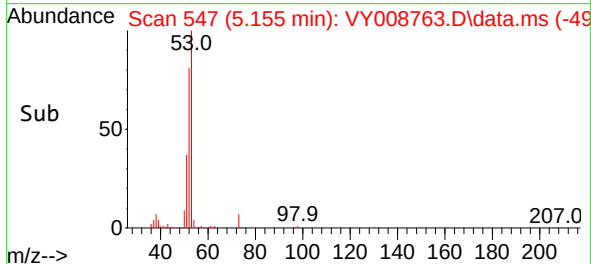
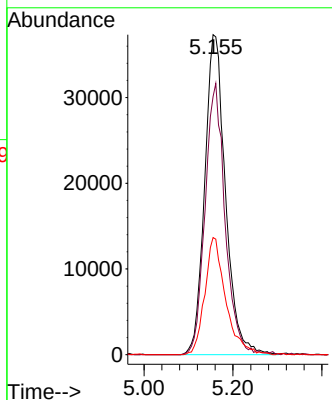
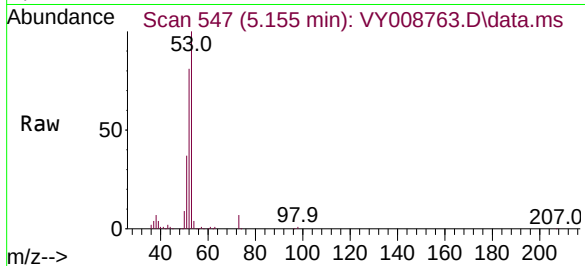




#15
Acrylonitrile
Concen: 344.448 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

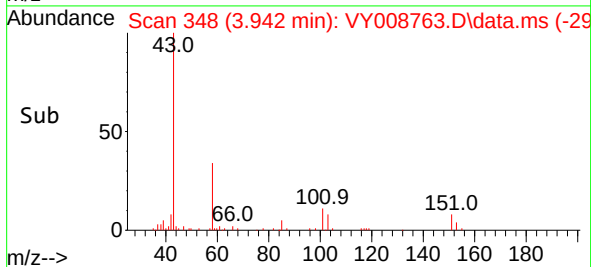
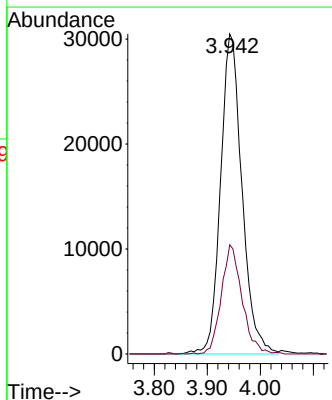
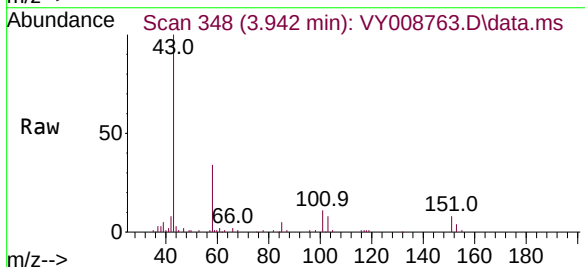
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

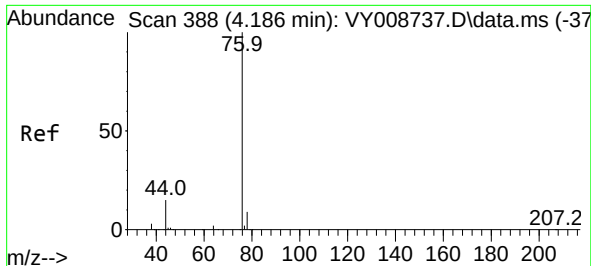
Tgt Ion: 53 Resp: 121590
Ion Ratio Lower Upper
53 100
52 81.4 65.8 98.6
51 36.8 29.6 44.4



#16
Acetone
Concen: 326.214 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 43 Resp: 85403
Ion Ratio Lower Upper
43 100
58 34.1 25.1 37.7

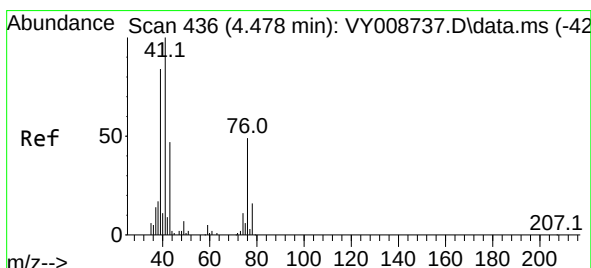
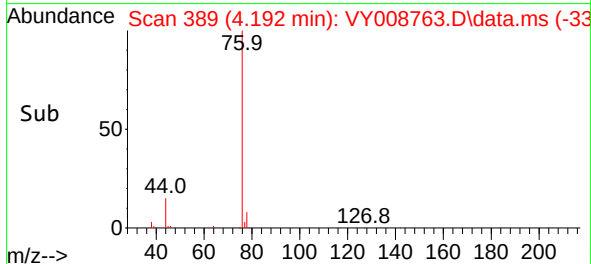
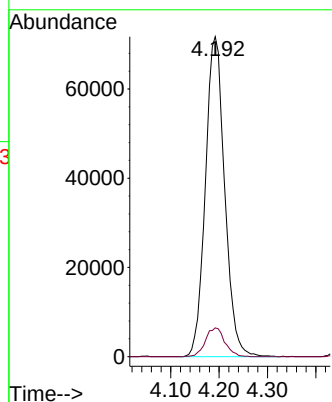
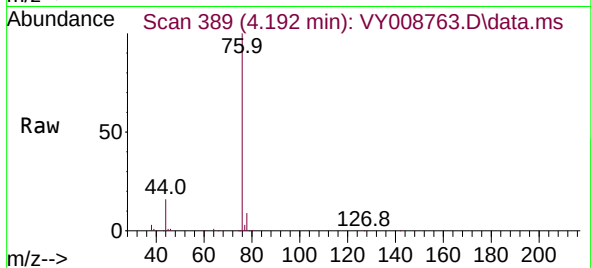




#17
Carbon Disulfide
Concen: 57.533 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

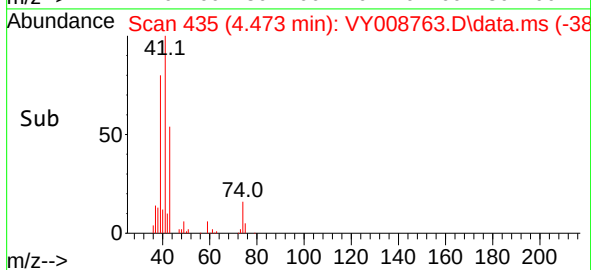
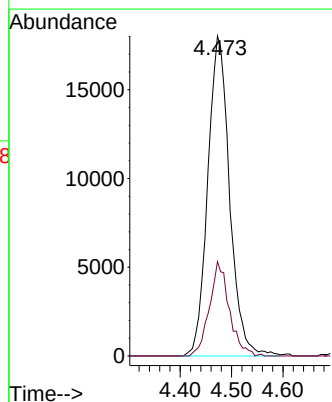
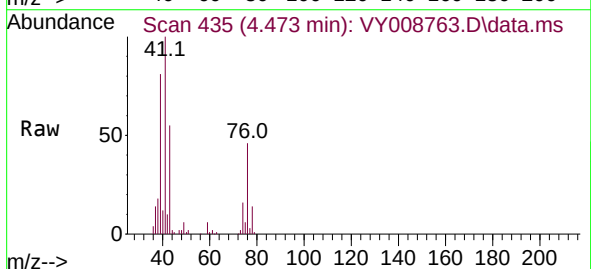
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

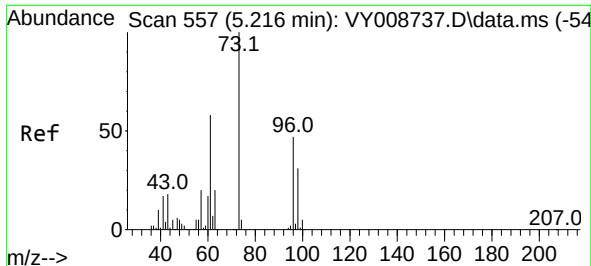
Tgt Ion: 76 Resp: 198756
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 72.265 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 43 Resp: 53284
Ion Ratio Lower Upper
43 100
74 26.7 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 65.622 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

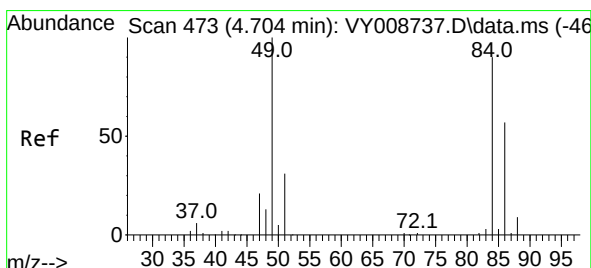
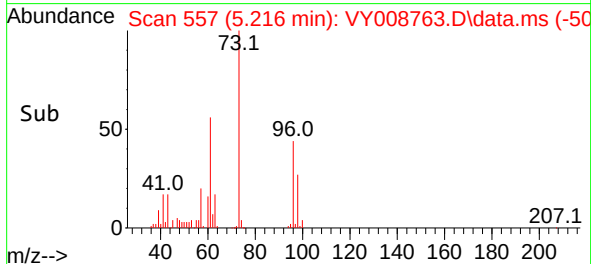
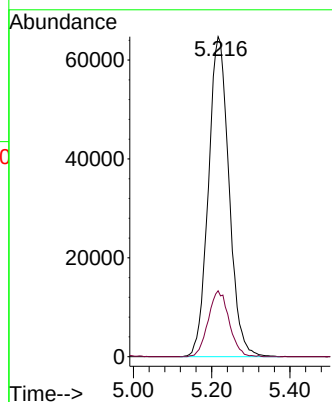
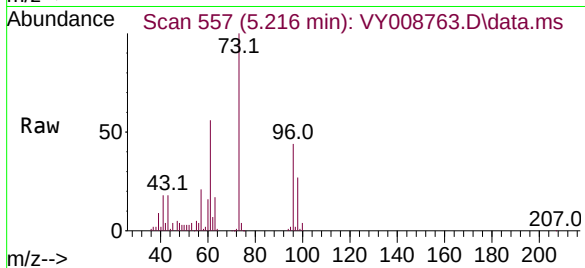
VSTDCCC050EC

Tgt Ion: 73 Resp: 236222

Ion Ratio Lower Upper

73 100

57 20.6 15.8 23.6



#20

Methylene Chloride

Concen: 73.157 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Tgt Ion: 84 Resp: 99487

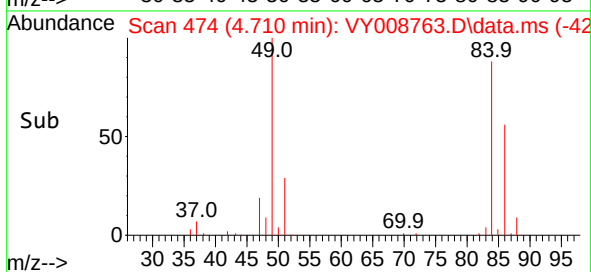
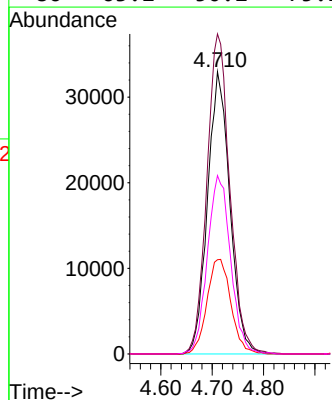
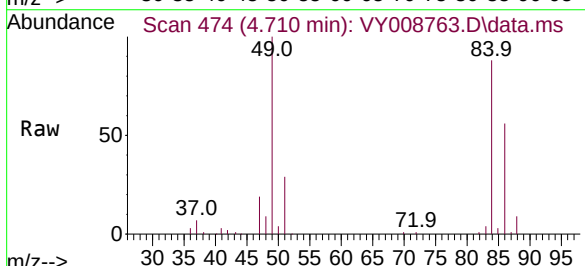
Ion Ratio Lower Upper

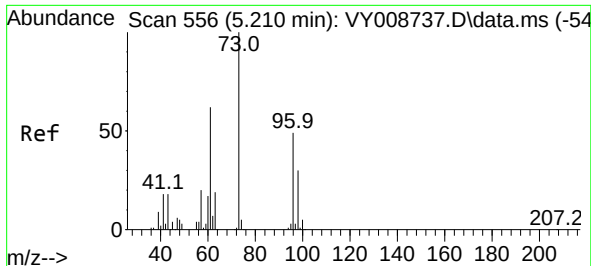
84 100

49 113.4 88.6 133.0

51 33.4 27.4 41.0

86 63.2 50.2 75.2

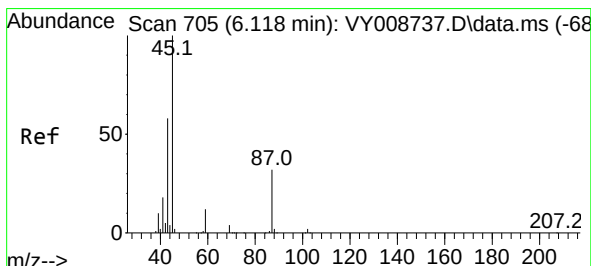
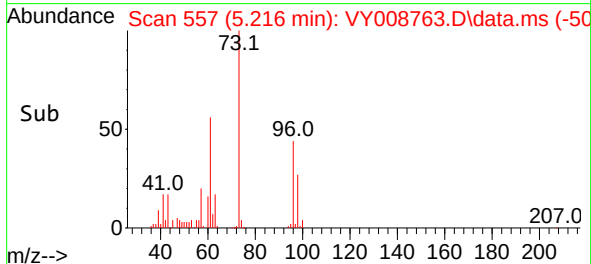
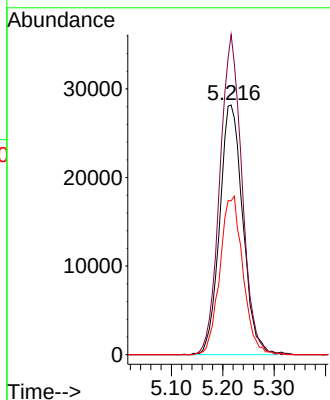
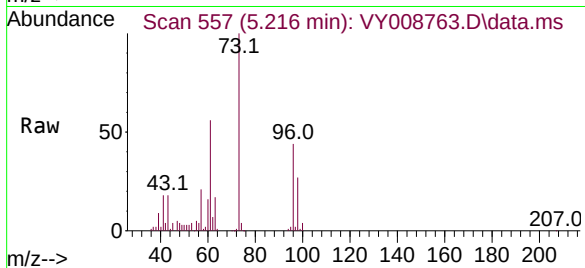




#21
trans-1,2-Dichloroethene
Concen: 59.723 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

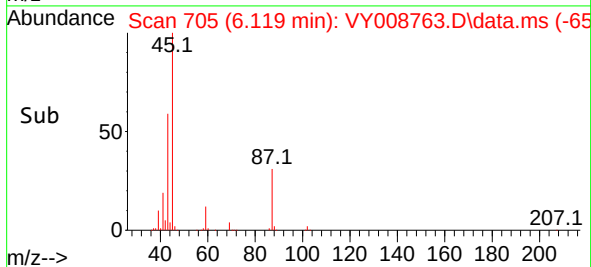
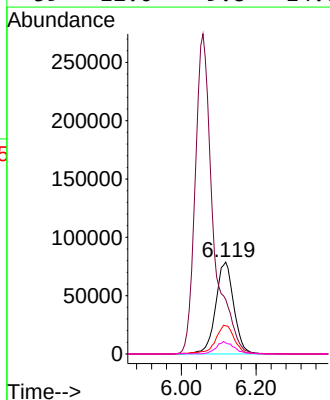
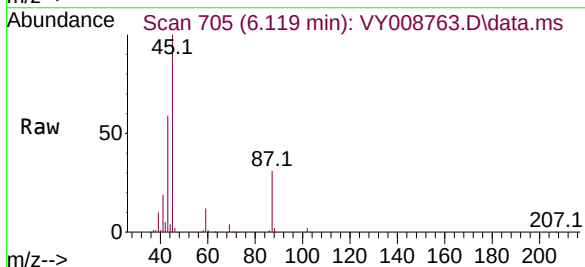
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

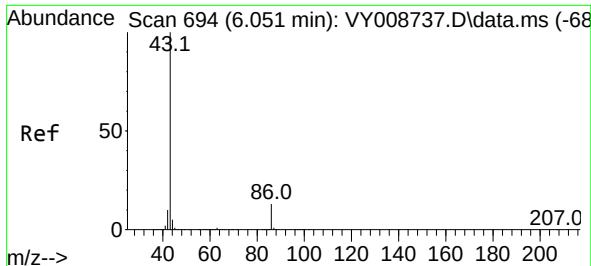
Tgt Ion: 96 Resp: 88328
Ion Ratio Lower Upper
96 100
61 128.2 101.8 152.6
98 61.7 50.2 75.2



#22
Diisopropyl ether
Concen: 66.374 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 45 Resp: 265479
Ion Ratio Lower Upper
45 100
43 59.3 46.5 69.7
87 30.7 26.3 39.5
59 12.0 9.8 14.6

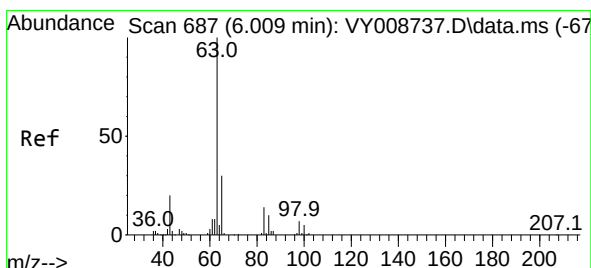
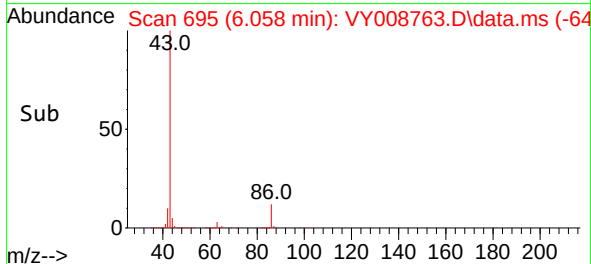
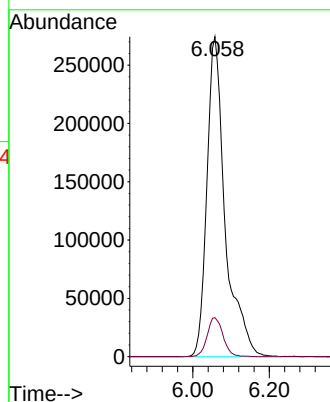
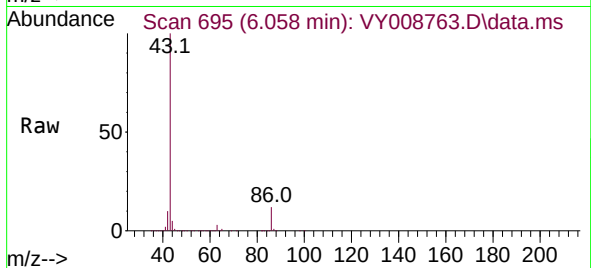




#23
 Vinyl Acetate
 Concen: 381.300 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

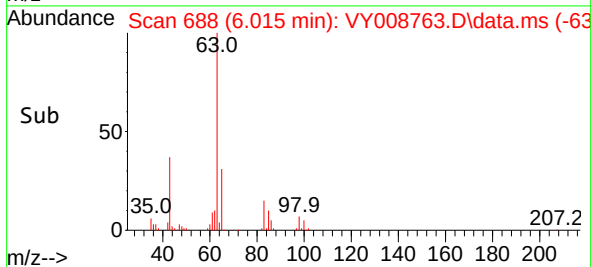
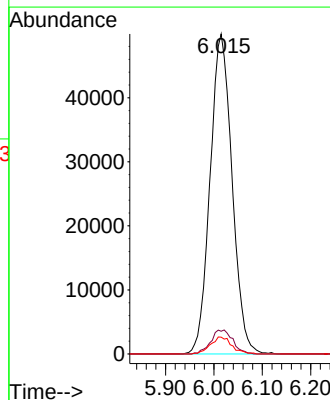
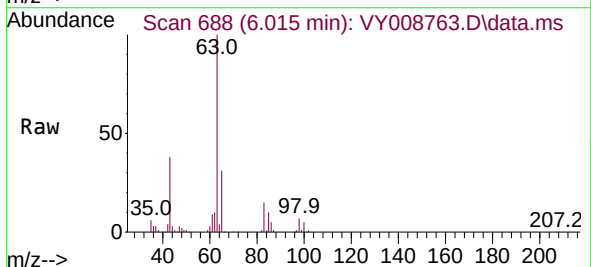
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

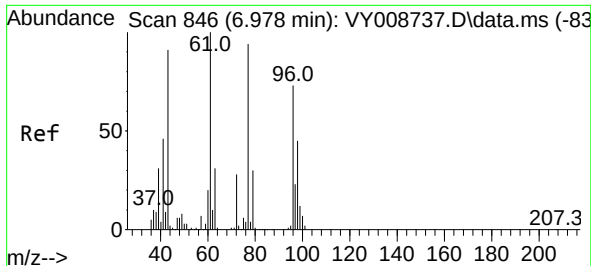
Tgt Ion: 43 Resp: 909169
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 62.405 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

Tgt Ion: 63 Resp: 157816
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 5.2 2.6 7.8





#25

2-Butanone

Concen: 339.707 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

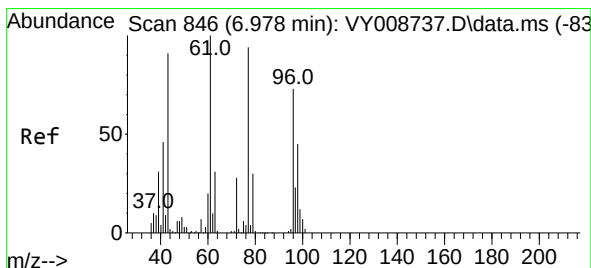
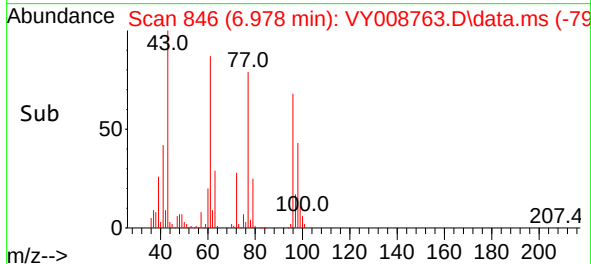
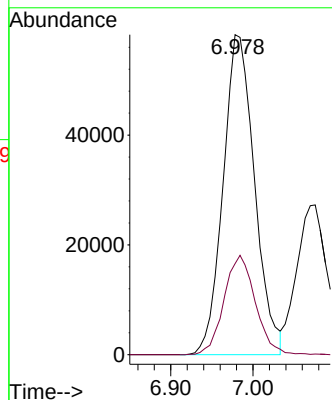
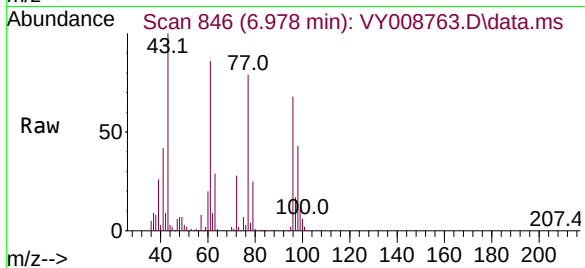
VSTDCCC050EC

Tgt Ion: 43 Resp: 155209

Ion Ratio Lower Upper

43 100

72 28.4 25.0 37.4



#26

2,2-Dichloropropane

Concen: 58.067 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008763.D

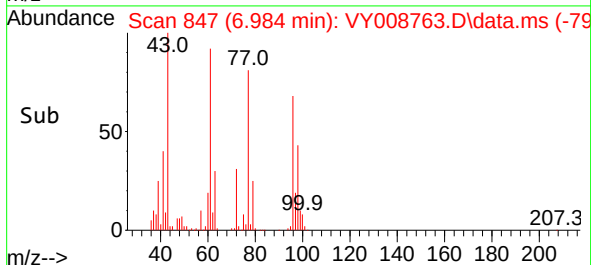
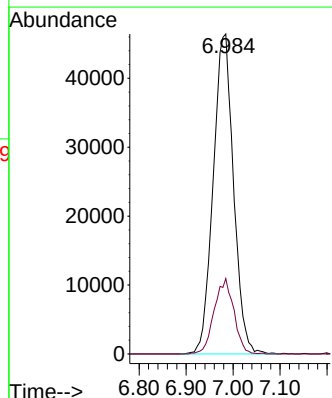
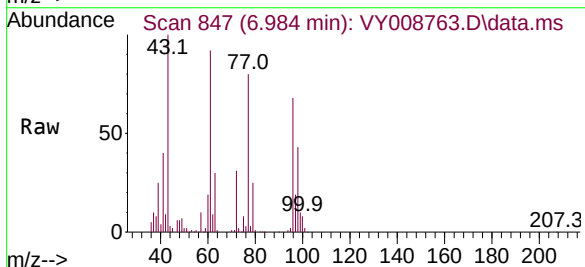
Acq: 13 May 2022 20:42

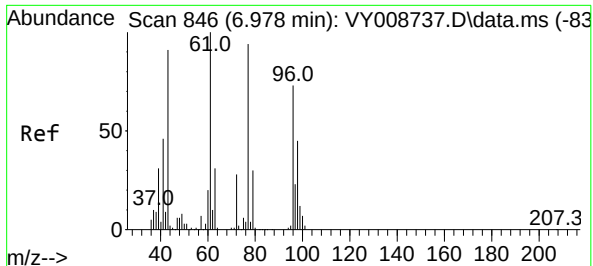
Tgt Ion: 77 Resp: 139576

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 63.860 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

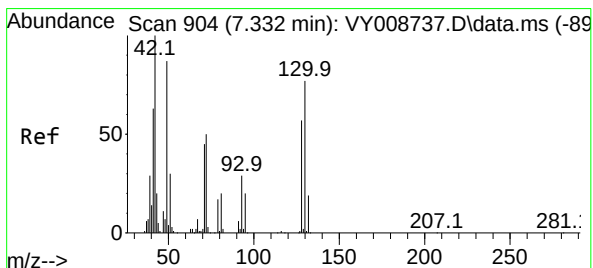
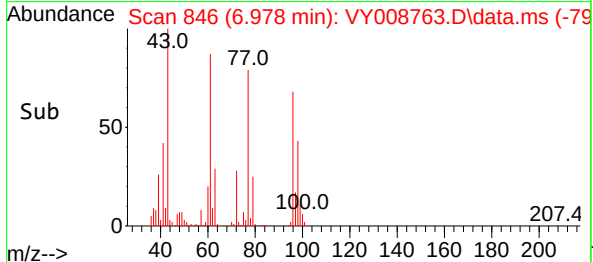
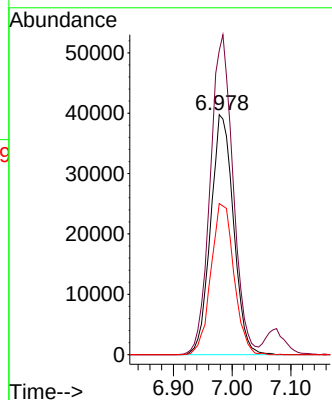
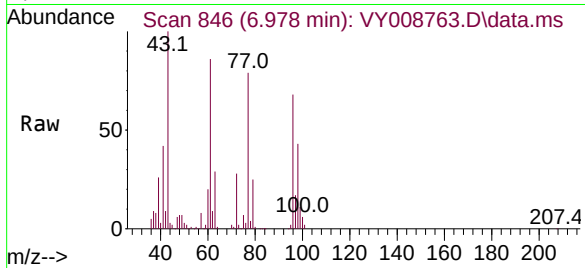
Tgt Ion: 96 Resp: 107627

Ion Ratio Lower Upper

96 100

61 133.2 0.0 270.4

98 63.3 0.0 126.6



#28

Bromochloromethane

Concen: 59.446 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

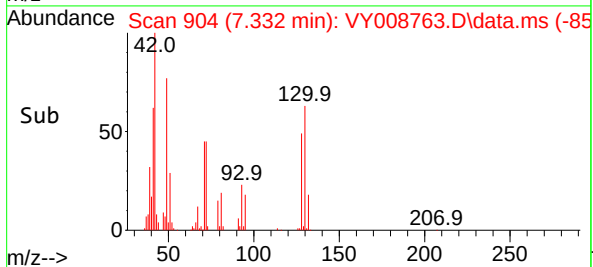
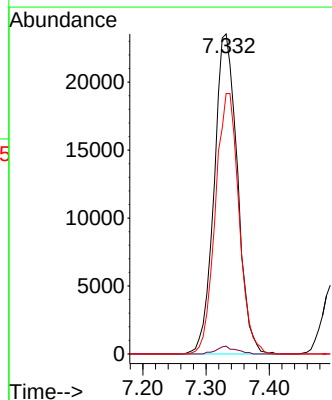
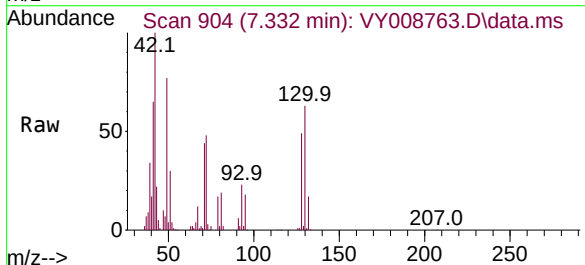
Tgt Ion: 49 Resp: 59991

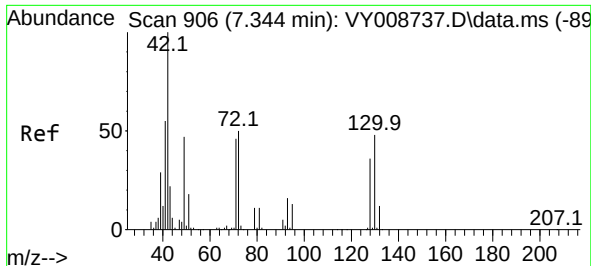
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 82.5 69.0 103.4





#29

Tetrahydrofuran

Concen: 351.584 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

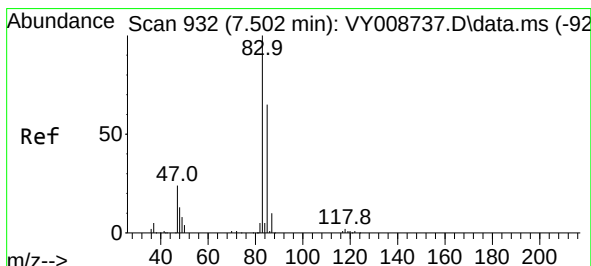
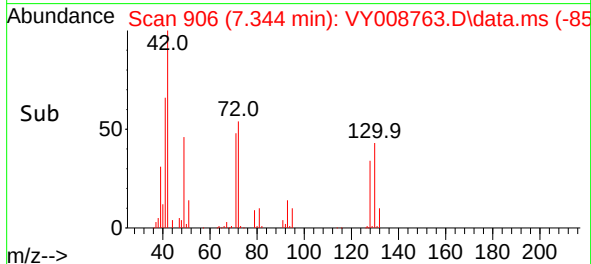
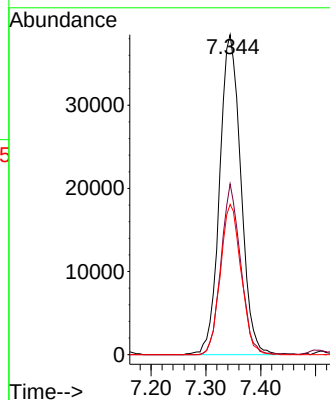
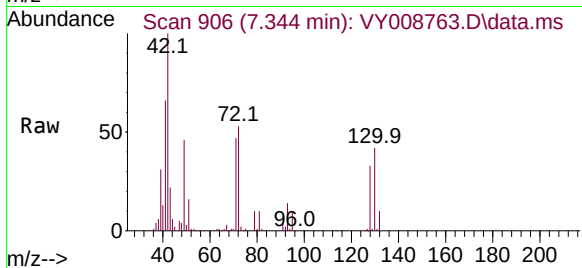
Tgt Ion: 42 Resp: 103590

Ion Ratio Lower Upper

42 100

72 49.4 40.7 61.1

71 46.0 37.4 56.0



#30

Chloroform

Concen: 63.934 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008763.D

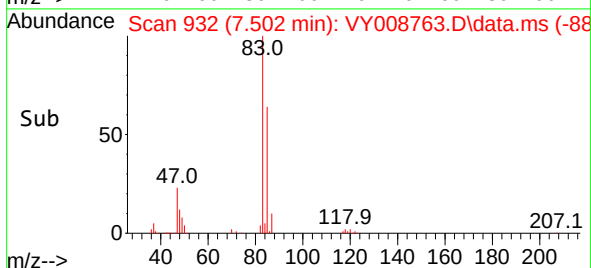
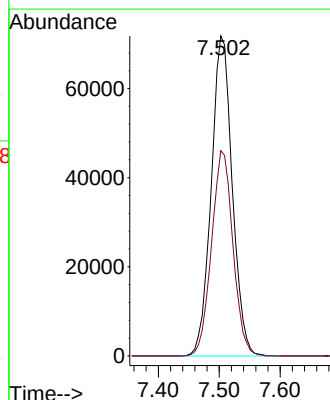
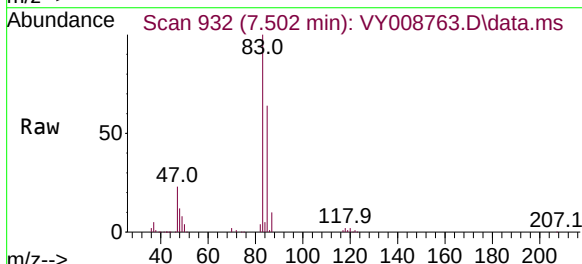
Acq: 13 May 2022 20:42

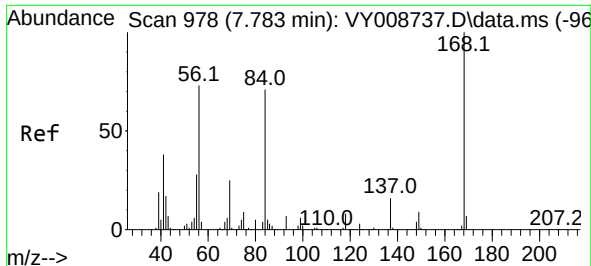
Tgt Ion: 83 Resp: 172339

Ion Ratio Lower Upper

83 100

85 64.2 52.1 78.1

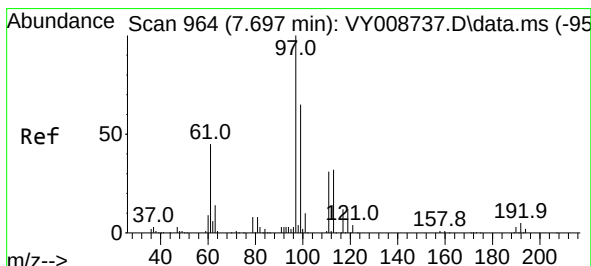
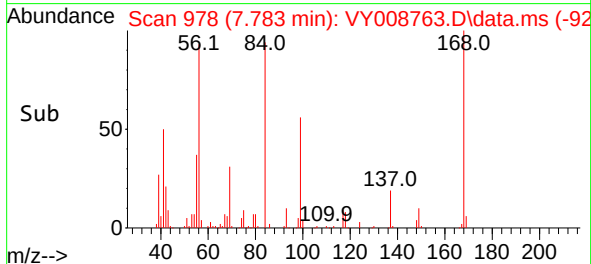
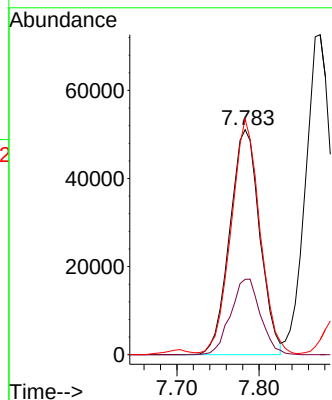
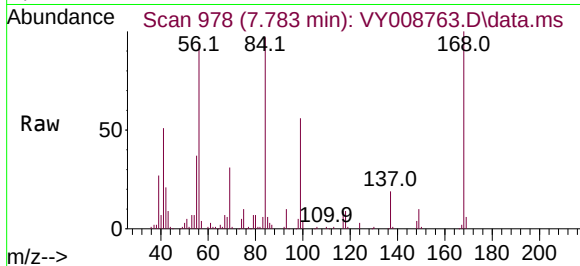




#31
Cyclohexane
Concen: 63.600 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

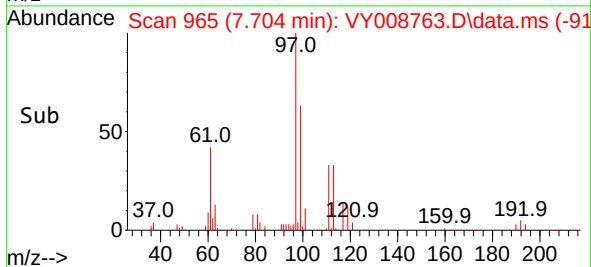
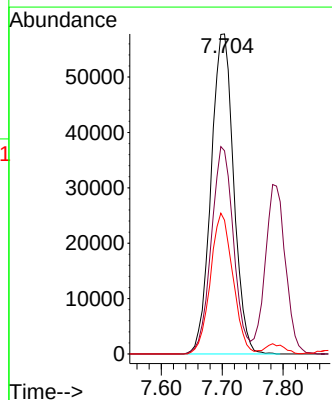
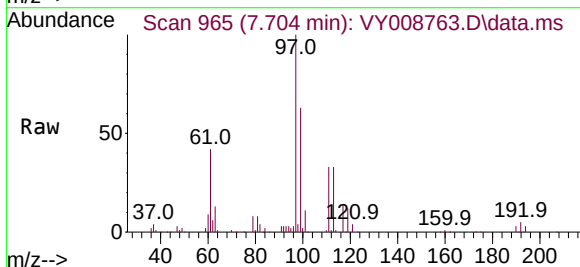
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

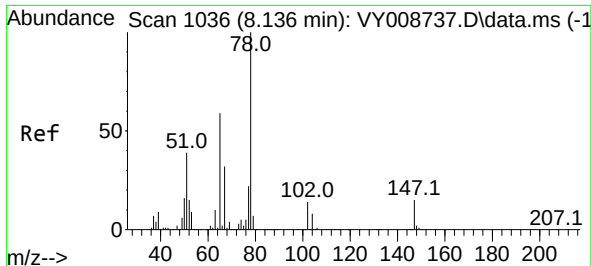
Tgt Ion: 56 Resp: 129207
Ion Ratio Lower Upper
56 100
69 33.5 27.4 41.0
84 102.4 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 61.065 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 97 Resp: 148936
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.7 34.9 52.3

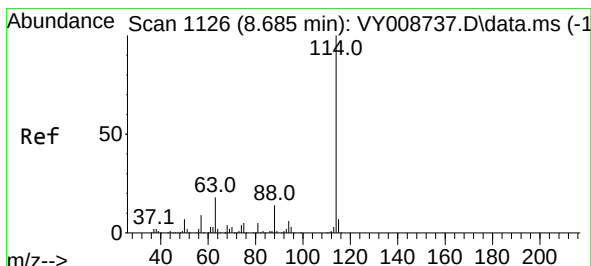
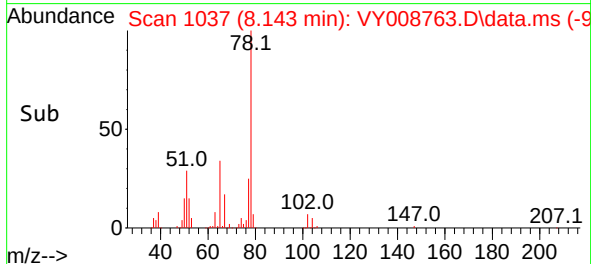
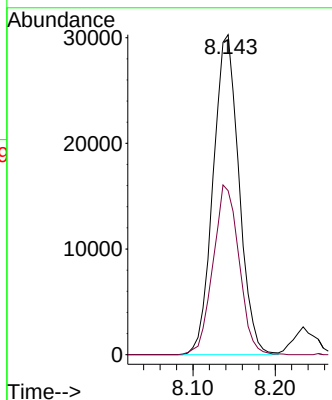
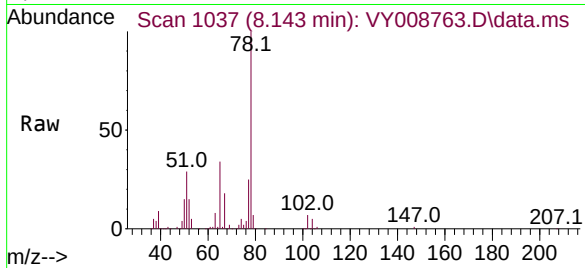




#33
 1,2-Dichloroethane-d4
 Concen: 51.358 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

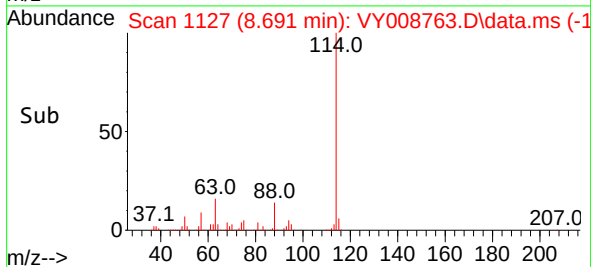
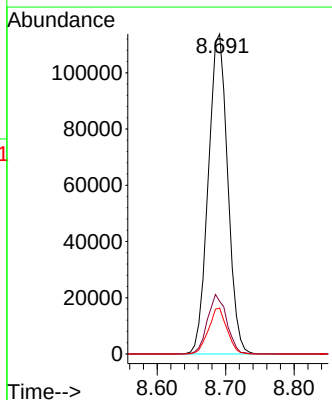
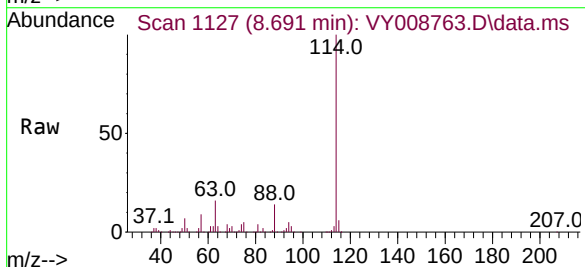
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

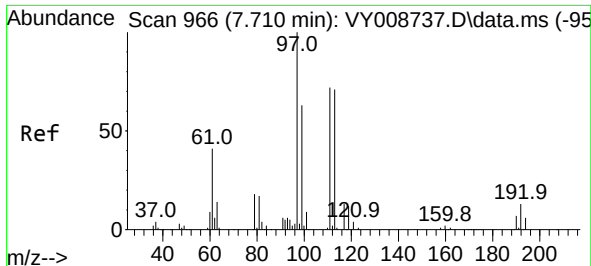
Tgt Ion: 65 Resp: 66154
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

Tgt Ion: 114 Resp: 223825
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 36.4
 88 14.4 0.0 27.4

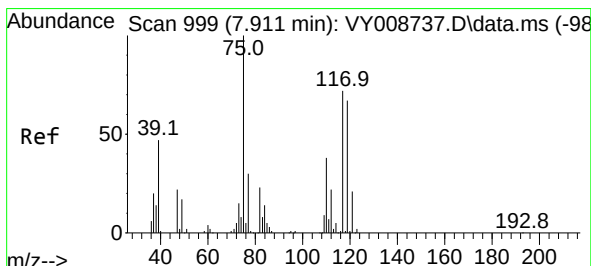
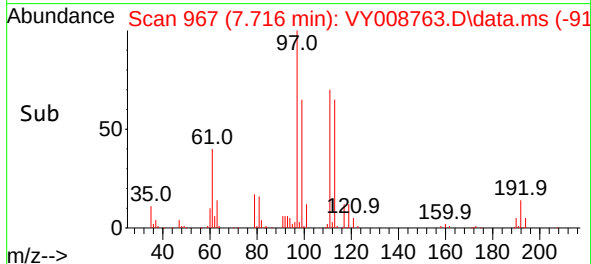
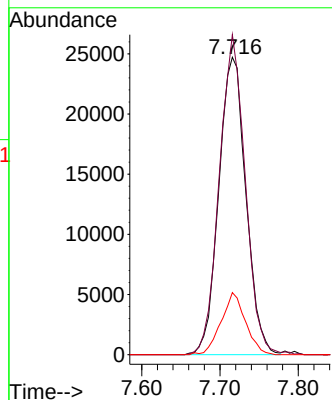
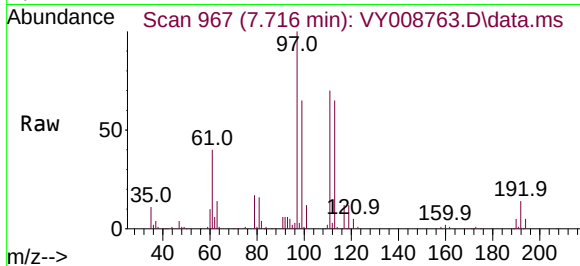




#35
Dibromofluoromethane
Concen: 44.331 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

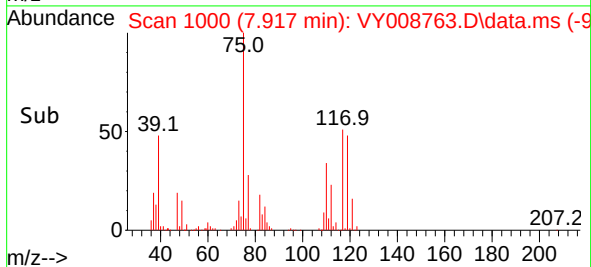
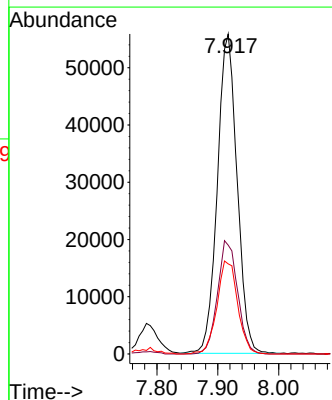
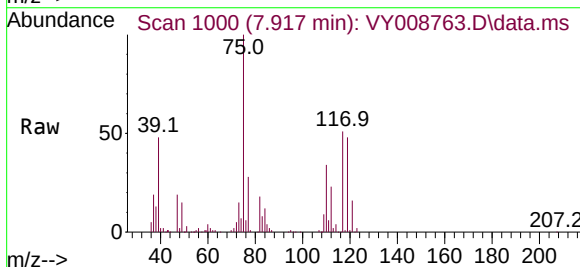
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

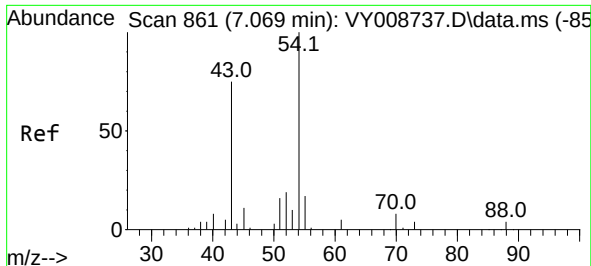
Tgt Ion:113 Resp: 59553
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 18.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 58.415 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 75 Resp: 125474
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.1
77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 66.742 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

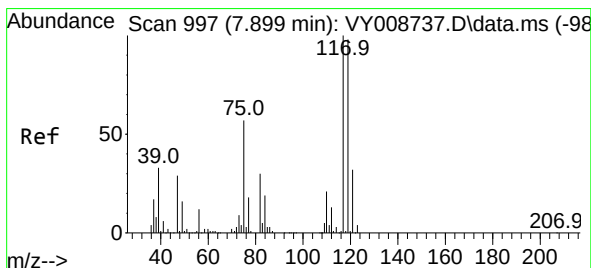
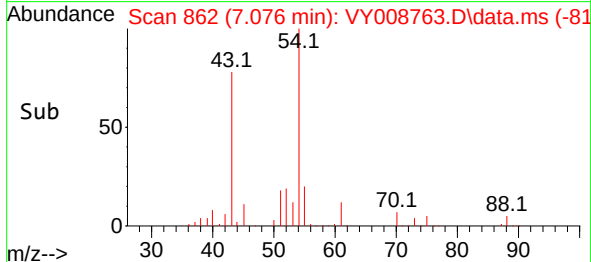
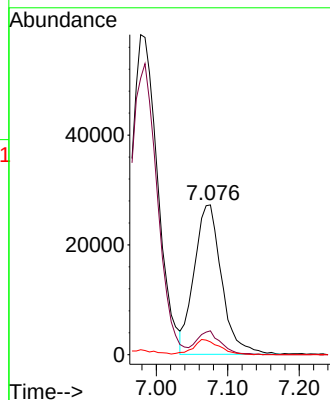
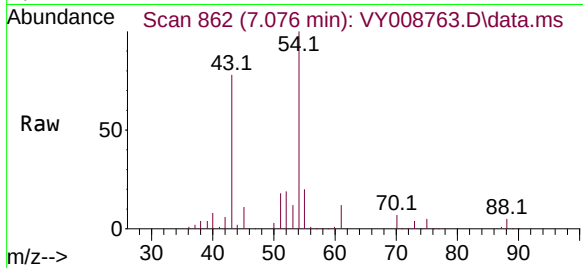
Tgt Ion: 43 Resp: 72545

Ion Ratio Lower Upper

43 100

61 13.7 10.8 16.2

70 9.6 8.5 12.7



#38

Carbon Tetrachloride

Concen: 58.661 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

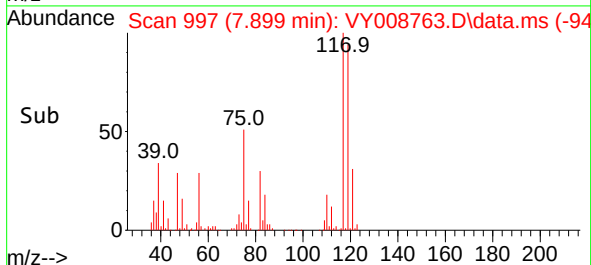
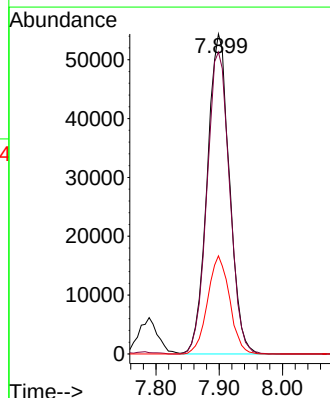
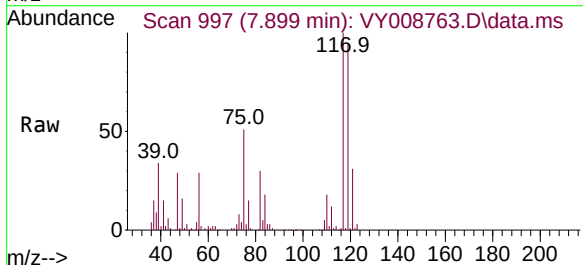
Tgt Ion: 117 Resp: 132960

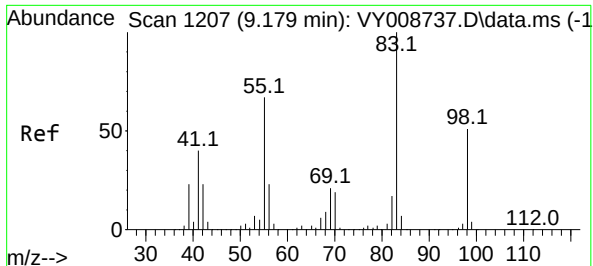
Ion Ratio Lower Upper

117 100

119 94.3 78.5 117.7

121 30.7 25.8 38.8





#39

Methylcyclohexane

Concen: 57.844 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

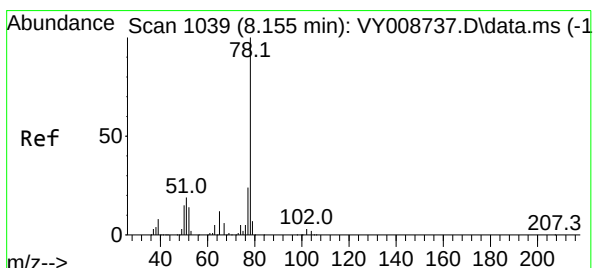
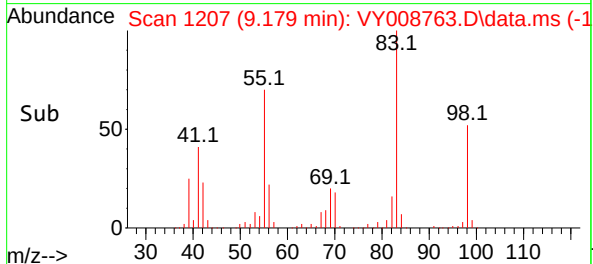
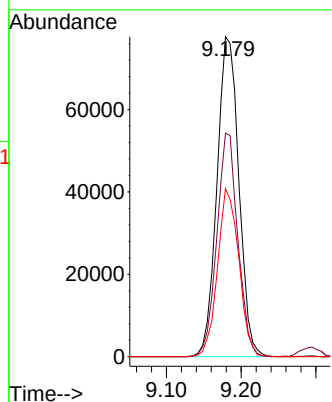
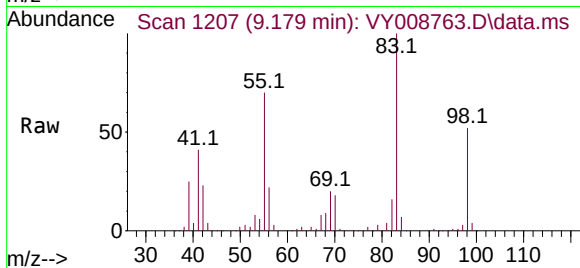
Tgt Ion: 83 Resp: 157960

Ion Ratio Lower Upper

83 100

55 69.8 53.4 80.0

98 52.5 41.0 61.4



#40

Benzene

Concen: 60.108 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY008763.D

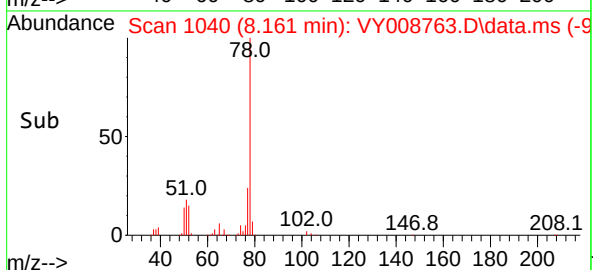
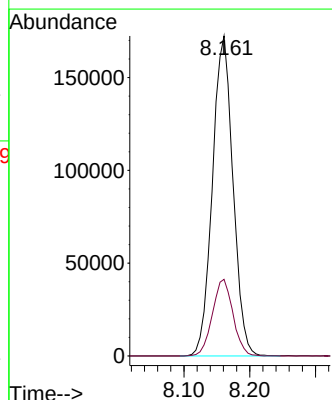
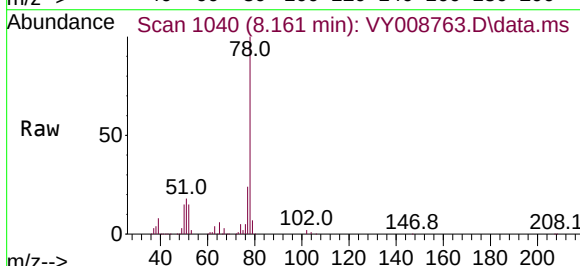
Acq: 13 May 2022 20:42

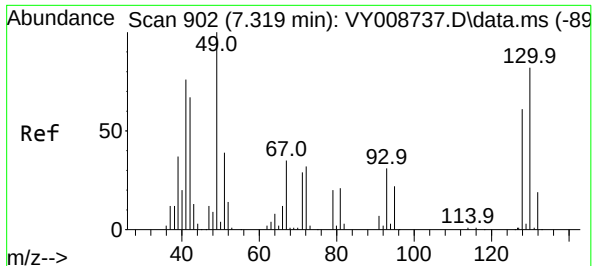
Tgt Ion: 78 Resp: 375218

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

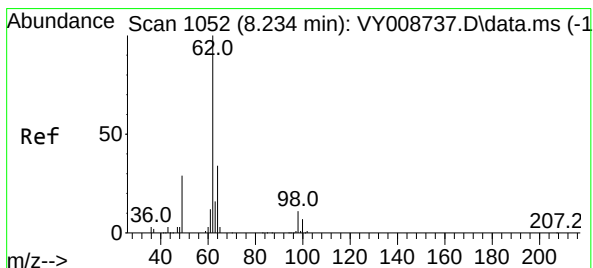
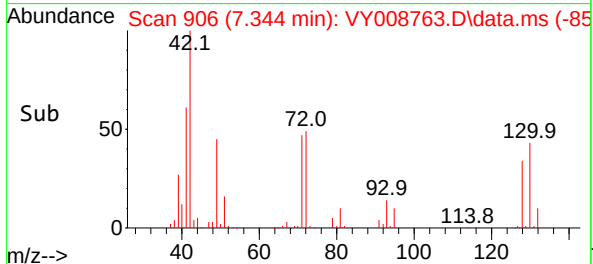
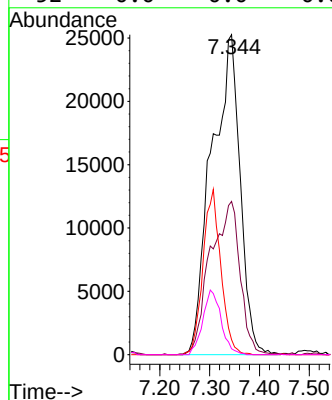
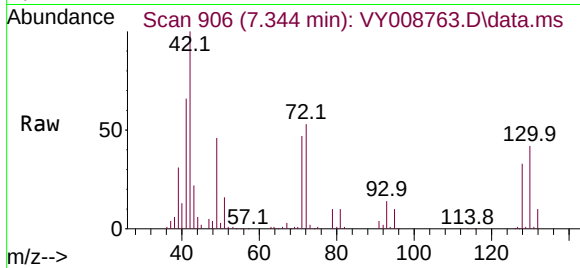




#41
Methacrylonitrile
Concen: 189.982 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

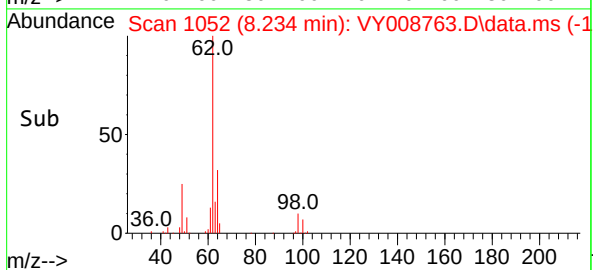
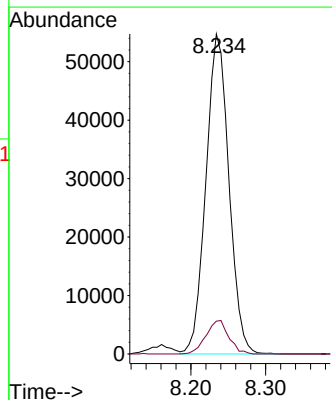
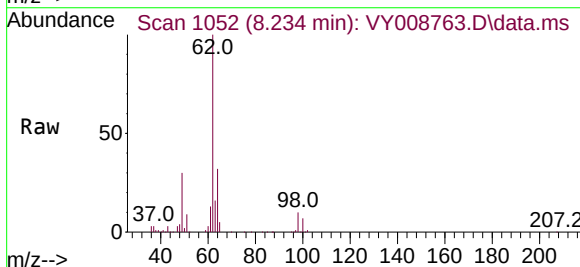
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

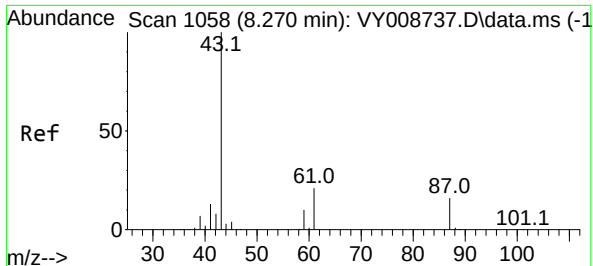
Tgt Ion: 41 Resp: 100179
Ion Ratio Lower Upper
41 100
39 49.7 97.1 145.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 66.321 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 62 Resp: 117152
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.6

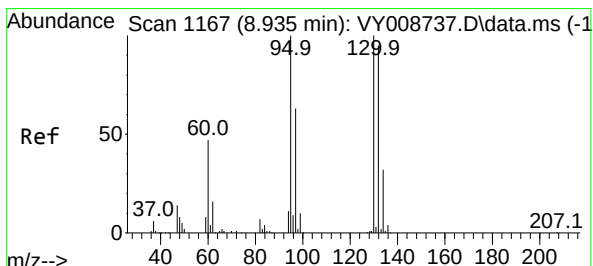
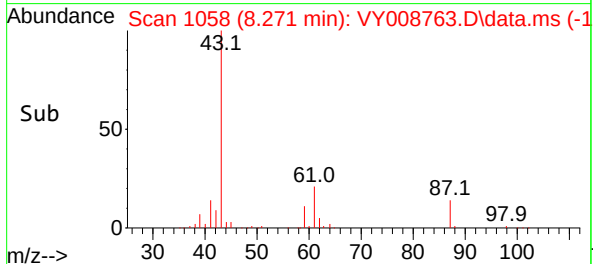
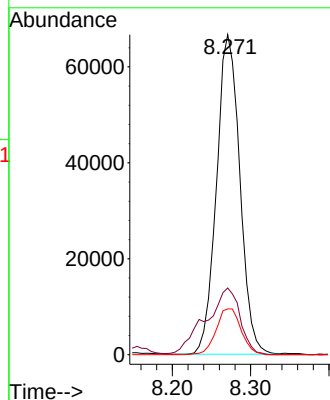
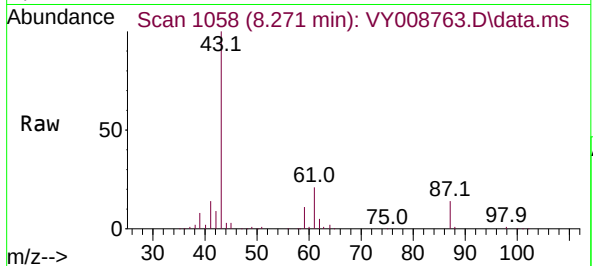




#43
Isopropyl Acetate
Concen: 67.347 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

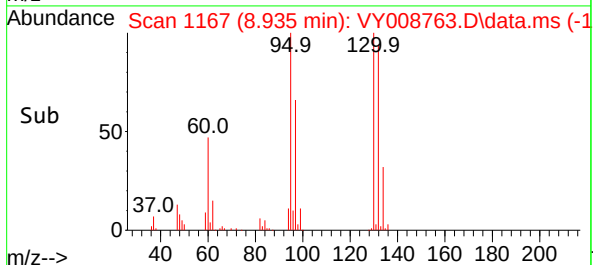
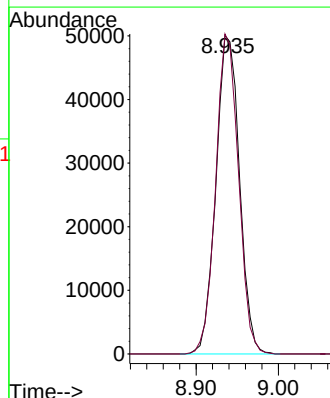
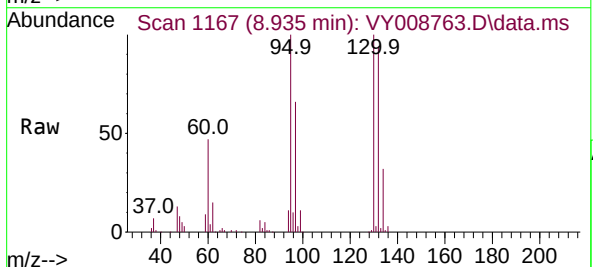
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

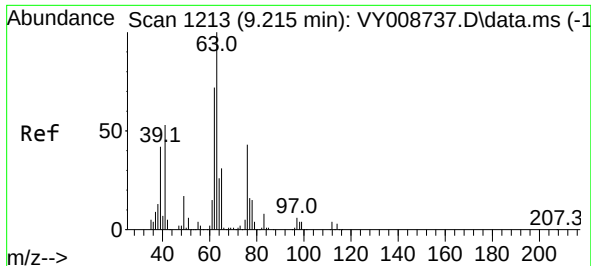
Tgt Ion: 43 Resp: 137963
Ion Ratio Lower Upper
43 100
61 30.7 24.6 36.8
87 15.3 11.8 17.8



#44
Trichloroethene
Concen: 59.716 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 130 Resp: 99547
Ion Ratio Lower Upper
130 100
95 100.4 0.0 199.2

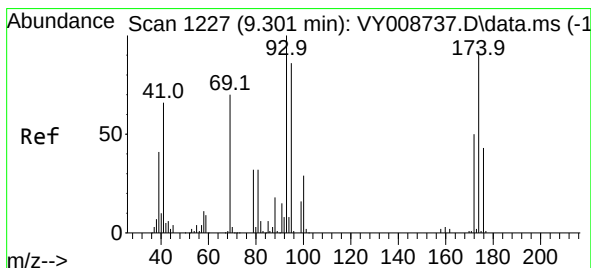
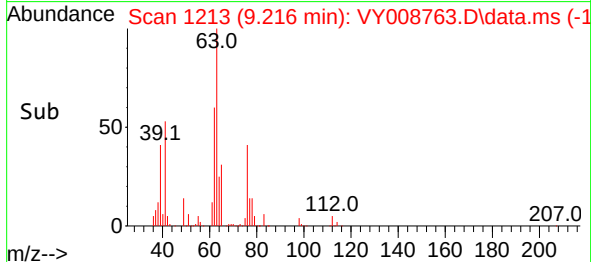
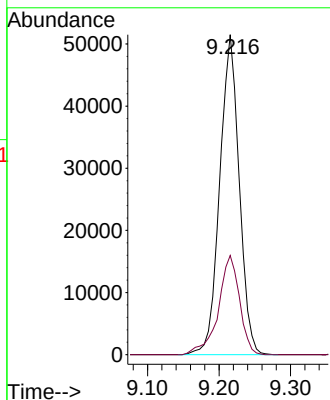
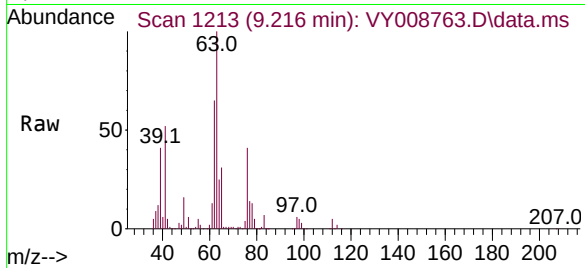




#45
1,2-Dichloropropane
Concen: 64.488 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

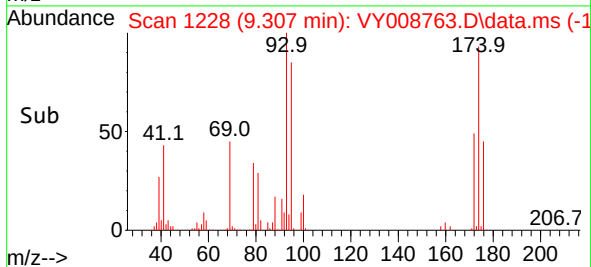
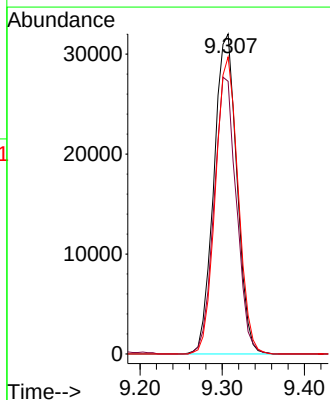
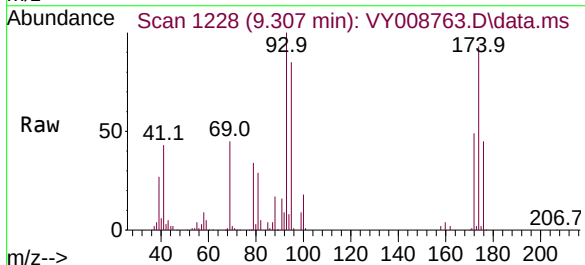
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

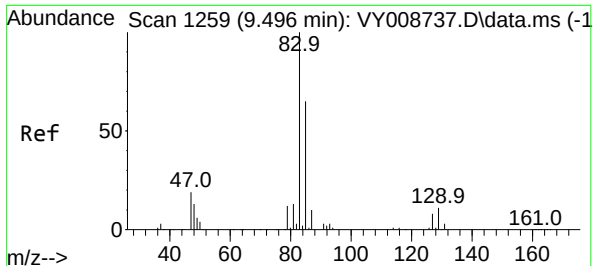
Tgt Ion: 63 Resp: 97192
Ion Ratio Lower Upper
63 100
65 31.0 24.7 37.1



#46
Dibromomethane
Concen: 65.220 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 93 Resp: 62375
Ion Ratio Lower Upper
93 100
95 83.9 67.4 101.2
174 91.2 74.2 111.2

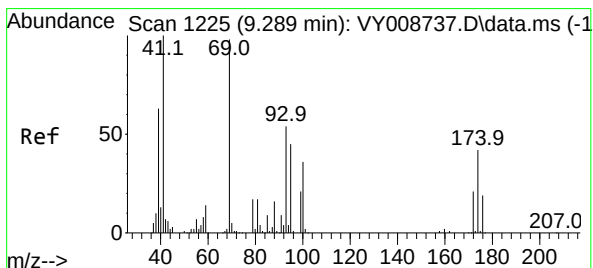
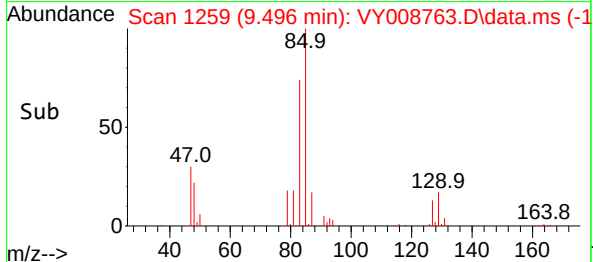
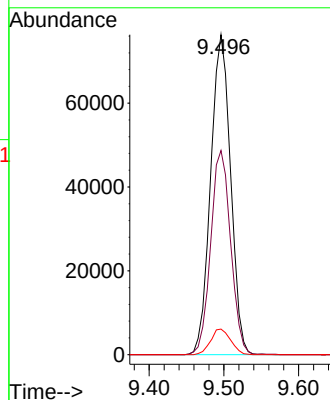
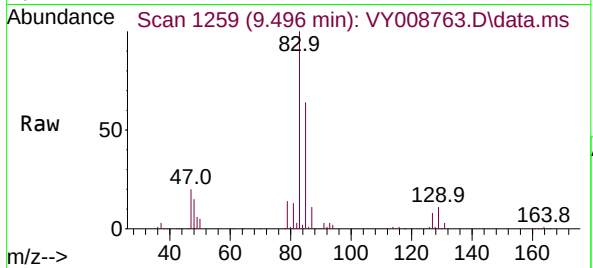




#47
Bromodichloromethane
Concen: 63.825 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

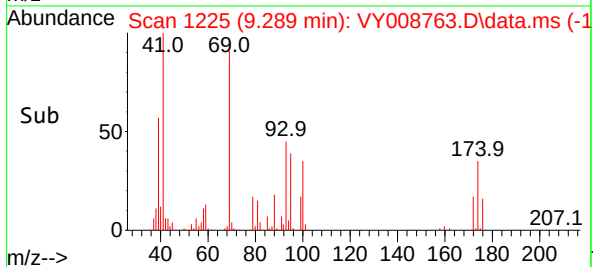
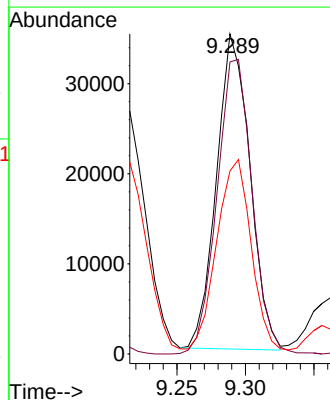
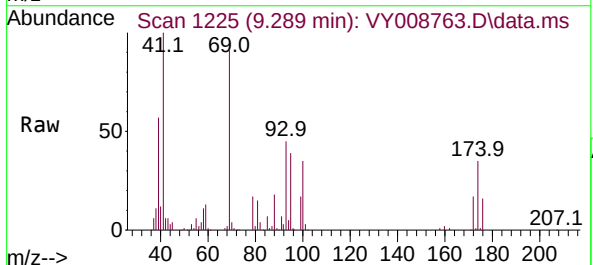
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

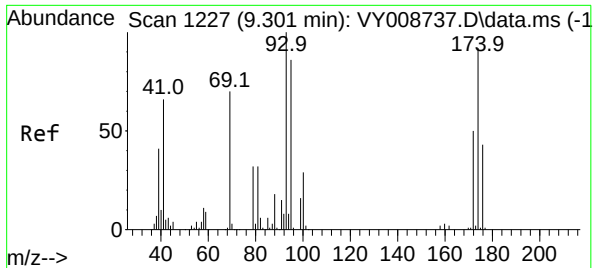
Tgt Ion: 83 Resp: 141453
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 8.0 6.8 10.2



#48
Methyl methacrylate
Concen: 67.647 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 41 Resp: 59361
Ion Ratio Lower Upper
41 100
69 98.5 79.4 119.0
39 64.9 49.8 74.6





#49

1,4-Dioxane

Concen: 1407.493 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

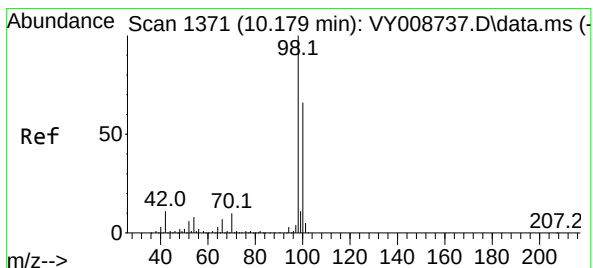
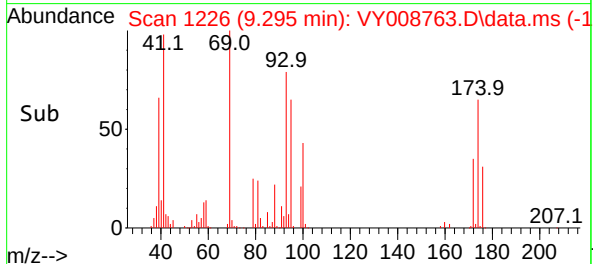
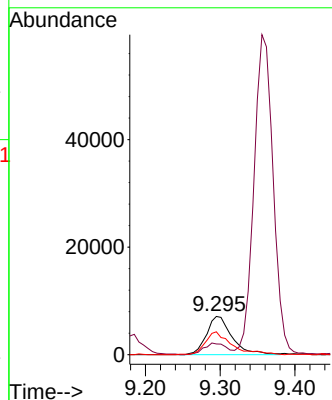
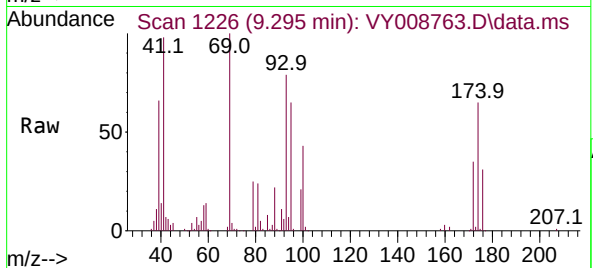
Tgt Ion: 88 Resp: 16862

Ion Ratio Lower Upper

88 100

43 27.6 24.2 36.2

58 62.1 45.7 68.5



#50

Toluene-d8

Concen: 40.624 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008763.D

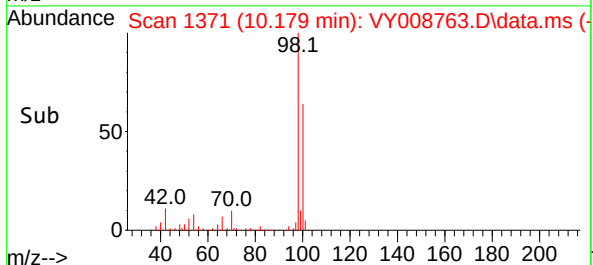
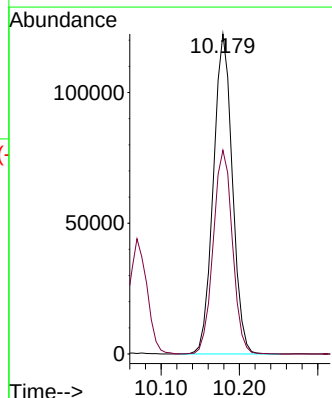
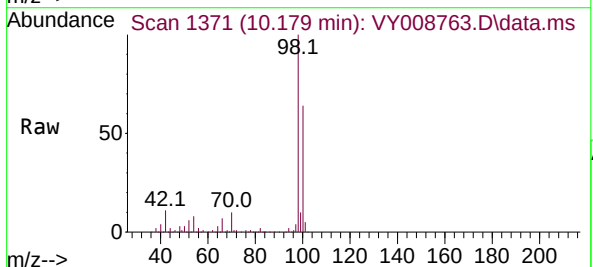
Acq: 13 May 2022 20:42

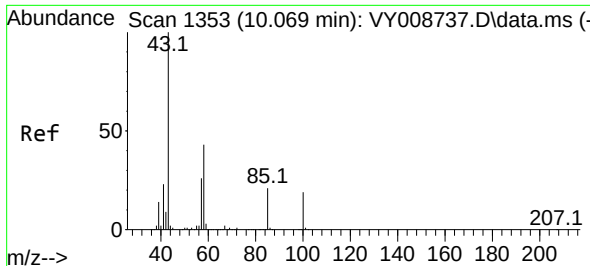
Tgt Ion: 98 Resp: 205810

Ion Ratio Lower Upper

98 100

100 64.5 52.8 79.2

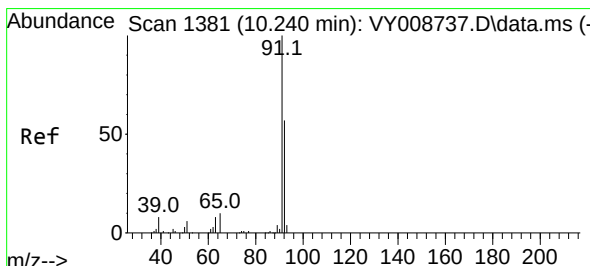
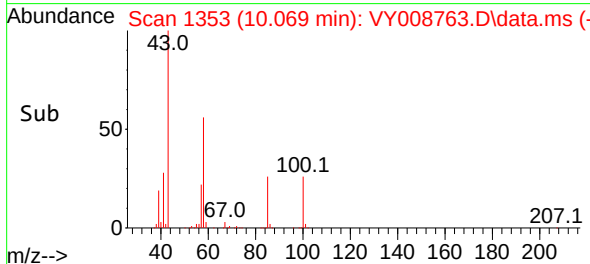
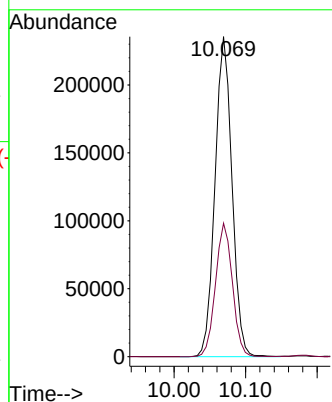
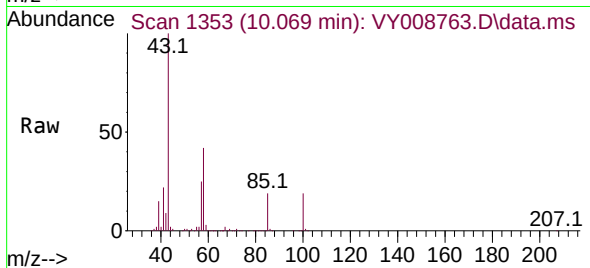




#51
4-Methyl-2-Pentanone
Concen: 353.753 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

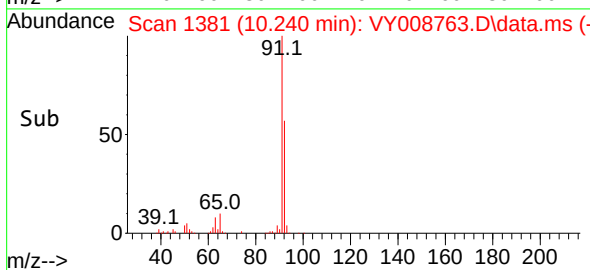
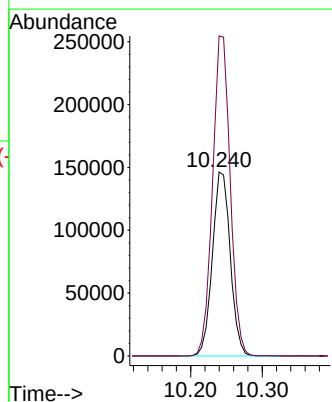
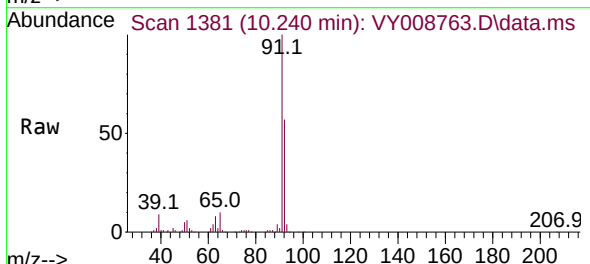
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

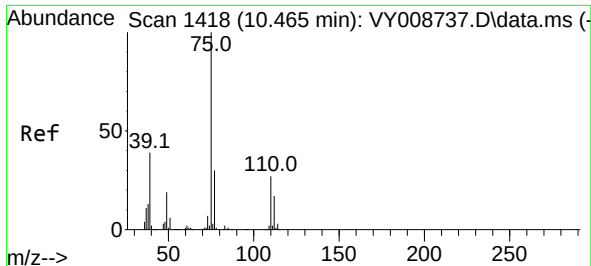
Tgt Ion: 43 Resp: 388573
Ion Ratio Lower Upper
43 100
58 41.5 33.6 50.4



#52
Toluene
Concen: 61.038 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 92 Resp: 253490
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4

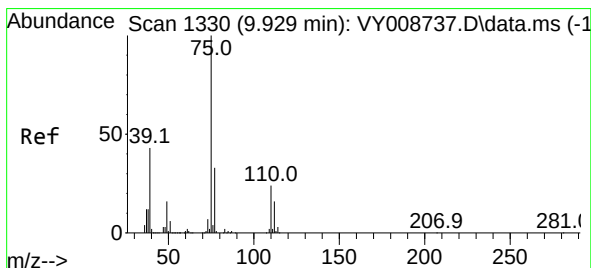
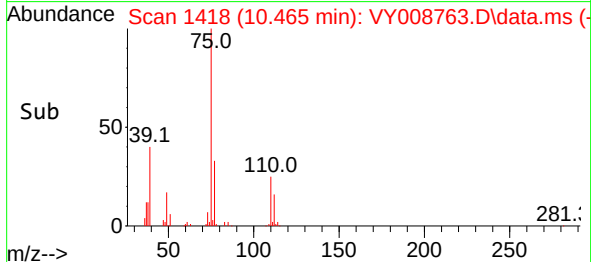
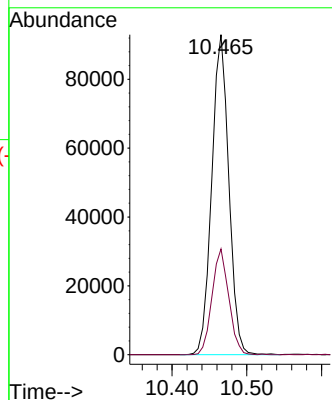
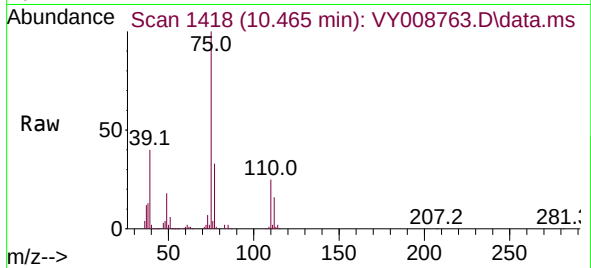




#53
t-1,3-Dichloropropene
Concen: 64.435 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

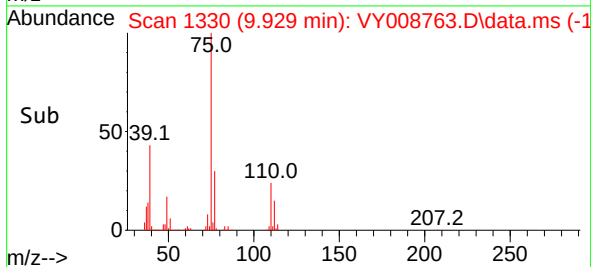
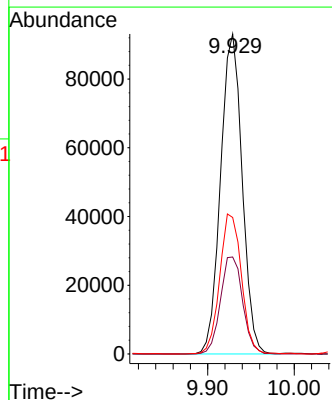
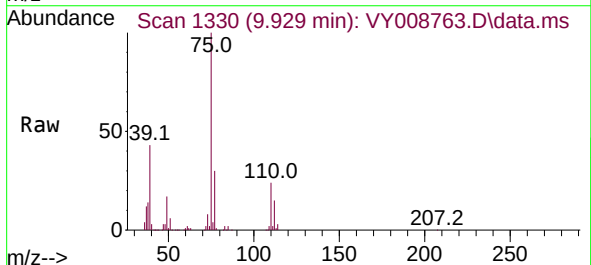
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

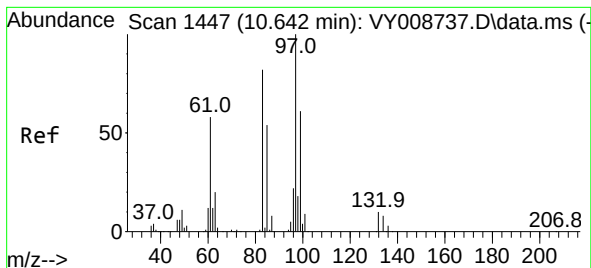
Tgt Ion: 75 Resp: 147220
Ion Ratio Lower Upper
75 100
77 33.1 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 63.112 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 75 Resp: 161113
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.2
39 42.6 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 67.507 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 88517

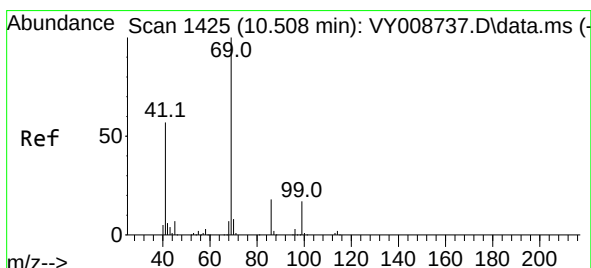
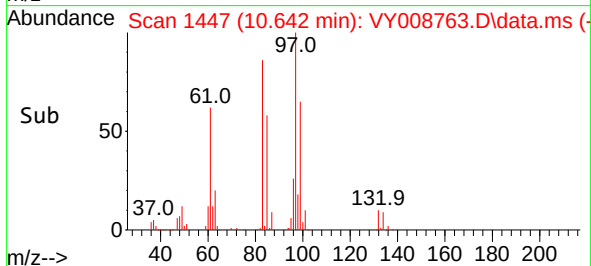
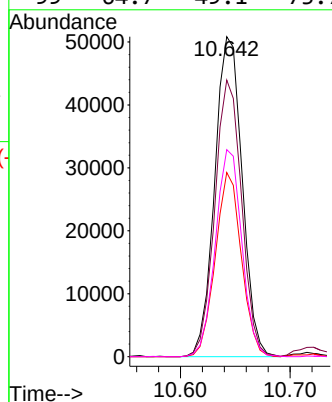
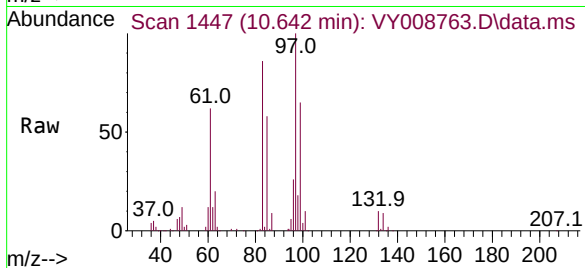
Ion Ratio Lower Upper

97 100

83 86.5 65.9 98.9

85 57.5 43.2 64.8

99 64.7 49.1 73.7



#56

Ethyl methacrylate

Concen: 67.868 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

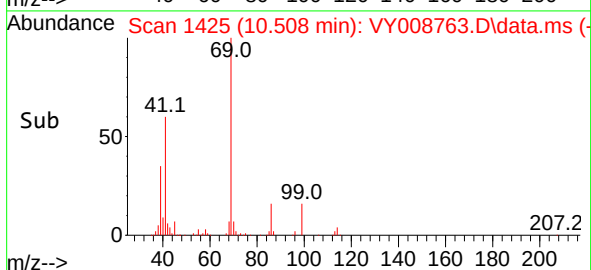
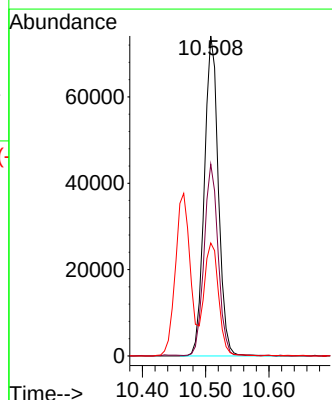
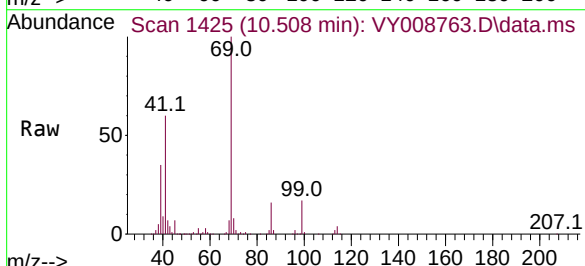
Tgt Ion: 69 Resp: 114540

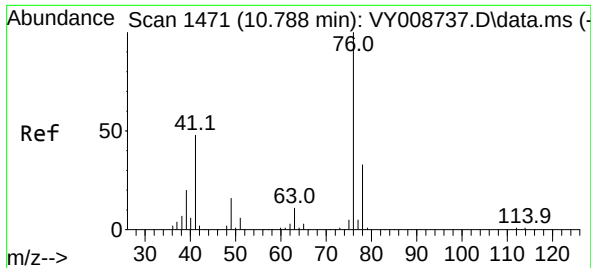
Ion Ratio Lower Upper

69 100

41 59.8 45.5 68.3

39 35.4 26.6 39.8

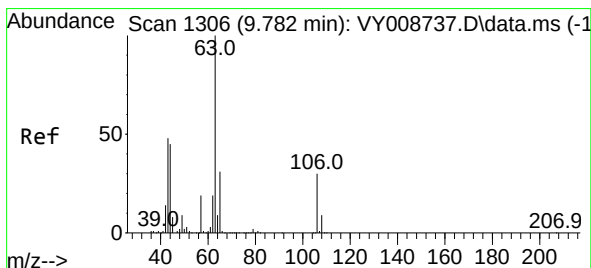
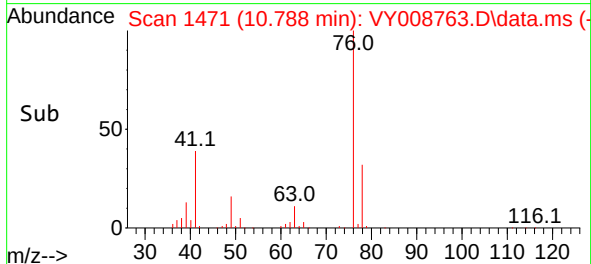
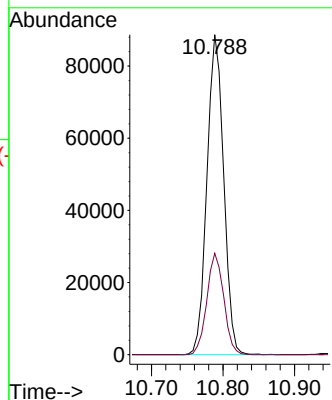
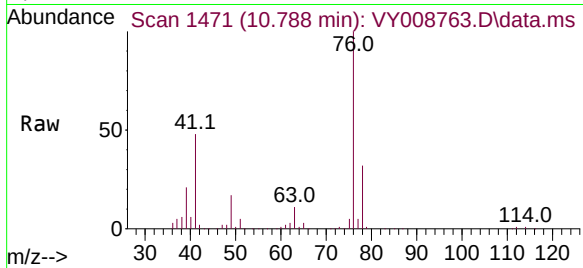




#57
1,3-Dichloropropane
Concen: 66.960 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

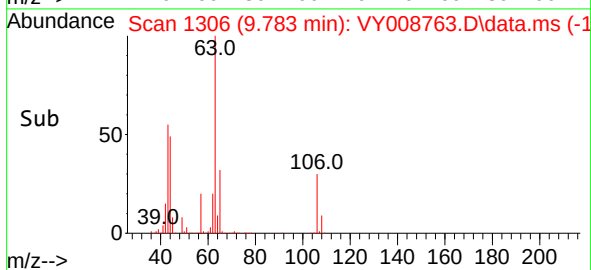
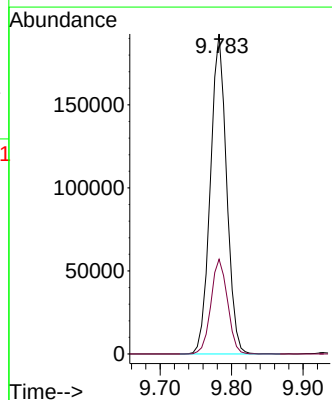
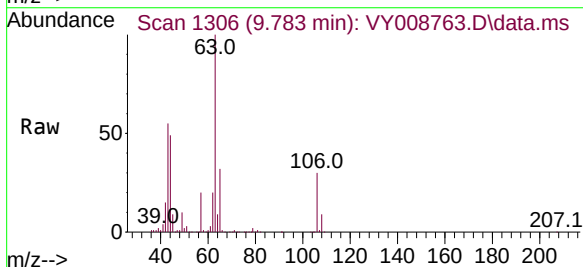
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

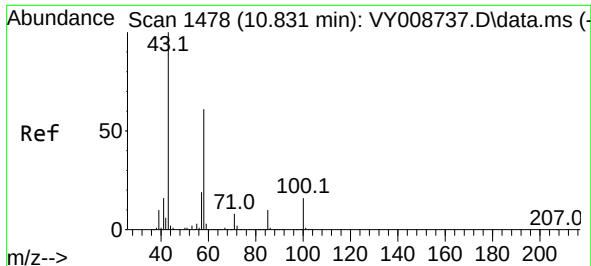
Tgt Ion: 76 Resp: 144041
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 343.388 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 63 Resp: 303503
Ion Ratio Lower Upper
63 100
106 30.1 23.5 35.3

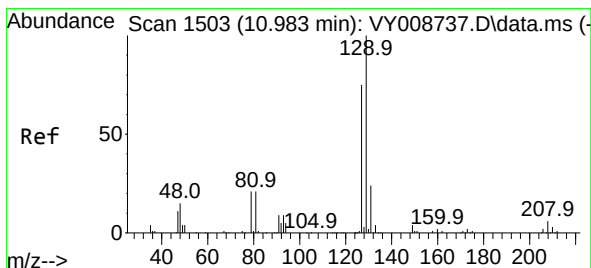
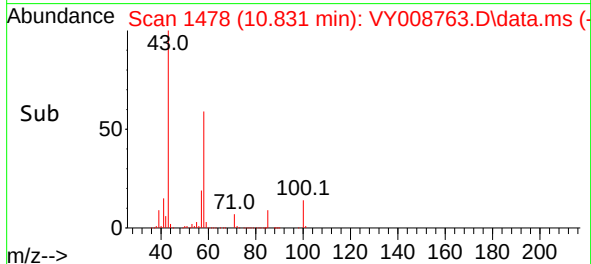
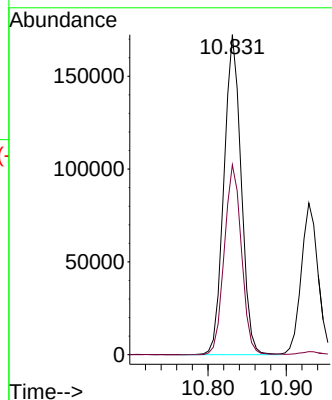
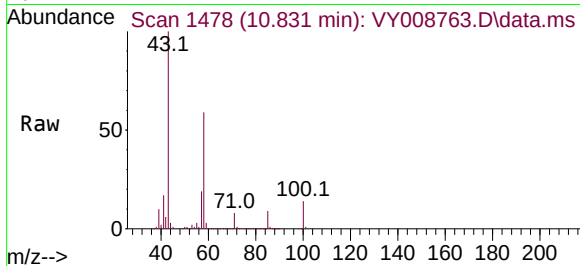




#59
2-Hexanone
Concen: 356.137 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

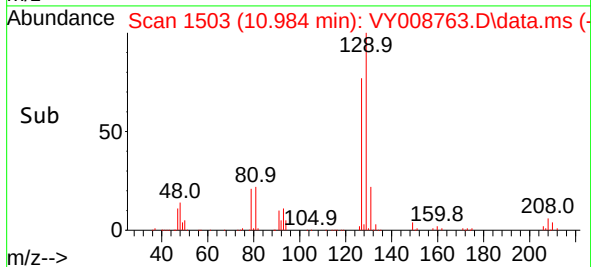
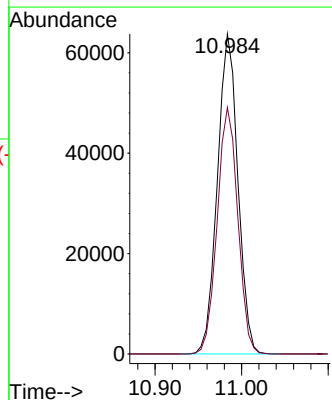
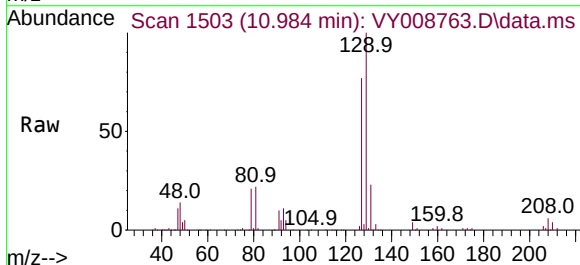
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

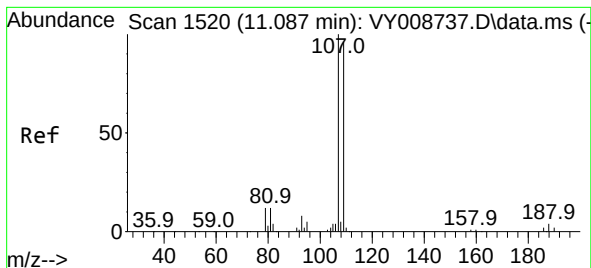
Tgt Ion: 43 Resp: 263621
Ion Ratio Lower Upper
43 100
58 59.1 29.6 88.8



#60
Dibromochloromethane
Concen: 66.851 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 129 Resp: 104877
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 65.261 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

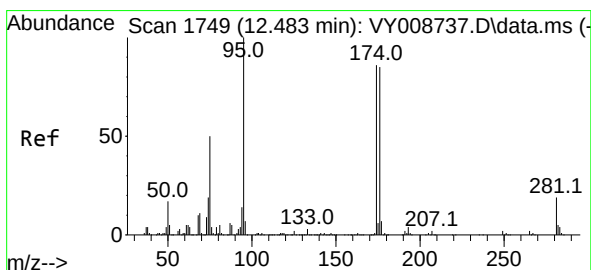
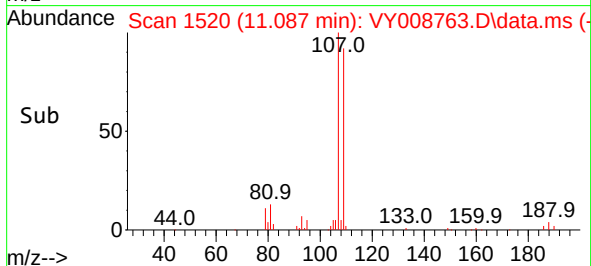
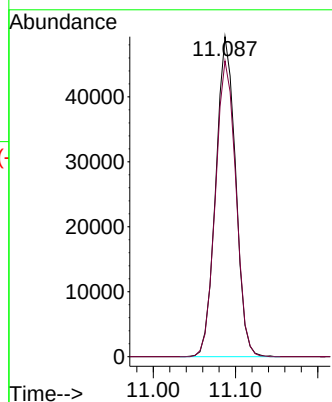
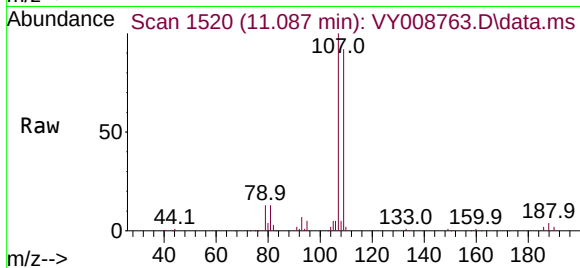
VSTDCCC050EC

Tgt Ion:107 Resp: 82313

Ion Ratio Lower Upper

107 100

109 95.6 78.2 117.4



#62

4-Bromofluorobenzene

Concen: 45.042 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

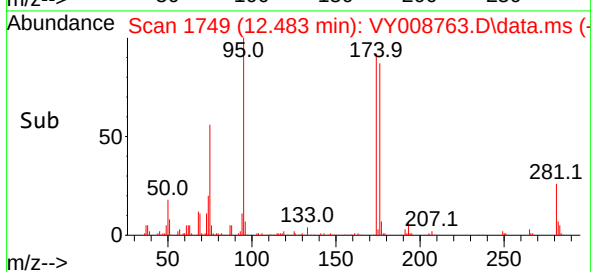
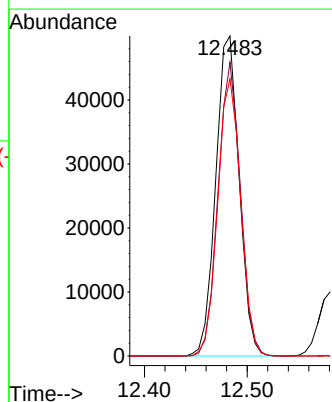
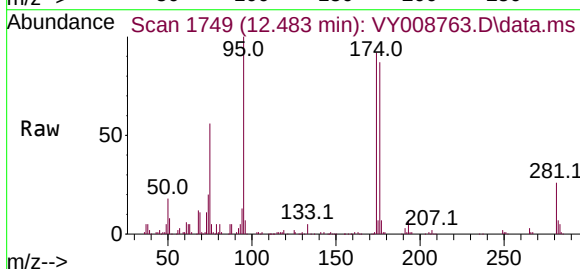
Tgt Ion: 95 Resp: 79061

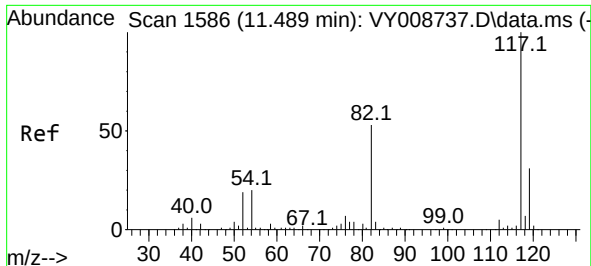
Ion Ratio Lower Upper

95 100

174 87.7 0.0 171.2

176 85.1 0.0 168.8

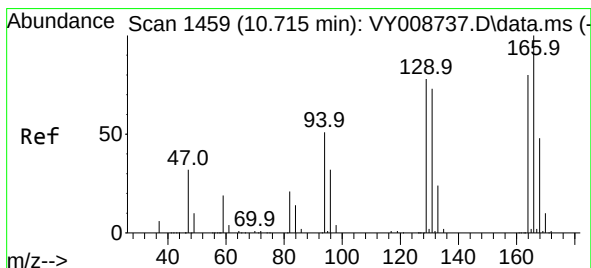
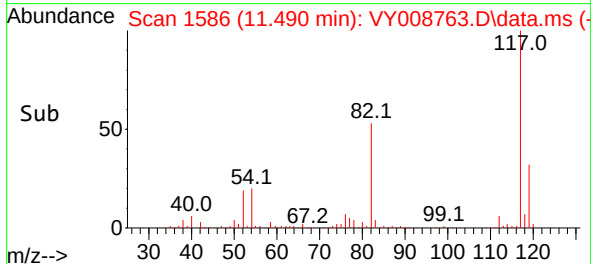
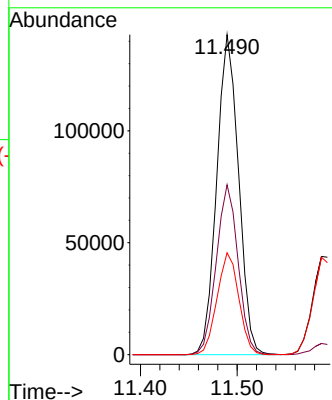
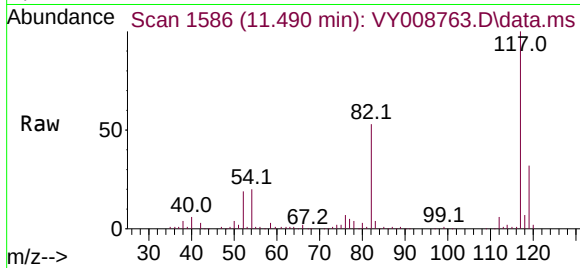




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

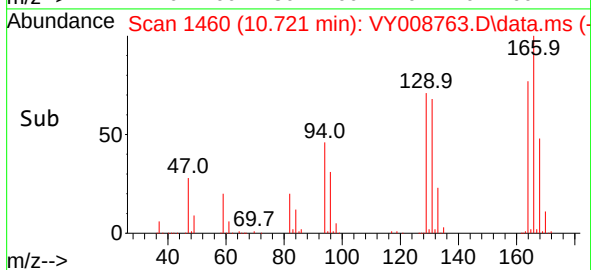
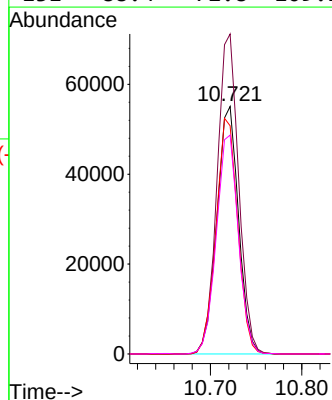
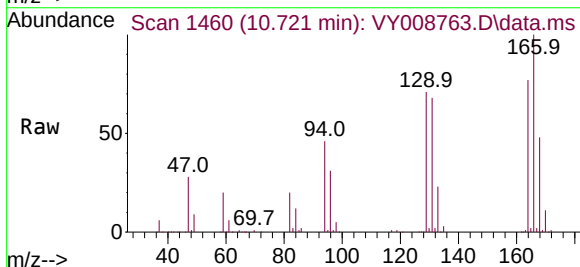
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

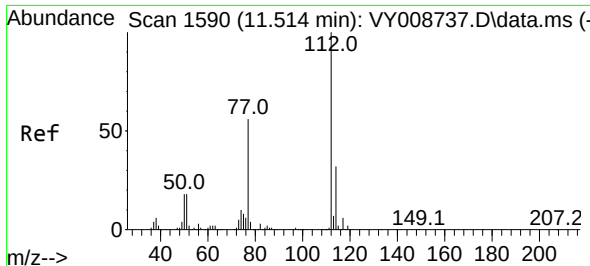
Tgt Ion:117 Resp: 223905
Ion Ratio Lower Upper
117 100
82 53.1 42.3 63.5
119 31.9 24.6 37.0



#64
Tetrachloroethene
Concen: 54.311 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion:164 Resp: 91319
Ion Ratio Lower Upper
164 100
166 129.2 99.8 149.6
129 92.2 78.1 117.1
131 88.4 72.8 109.2

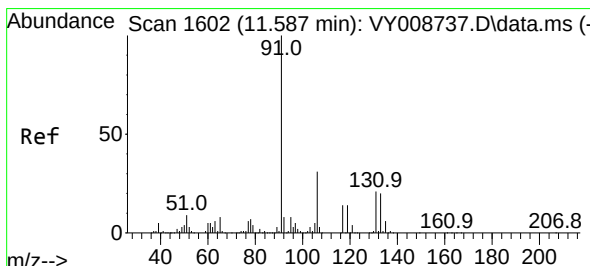
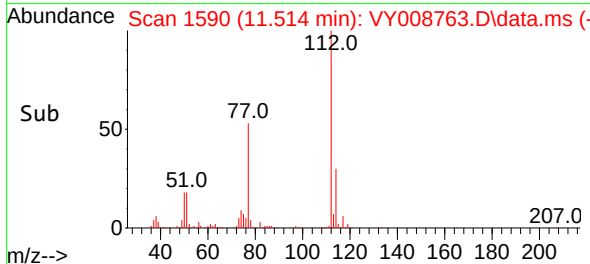
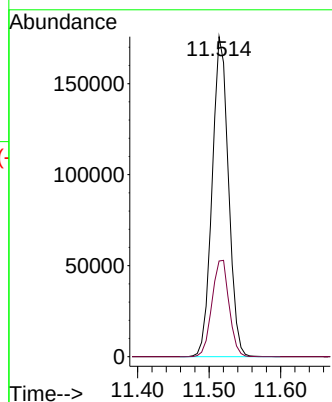
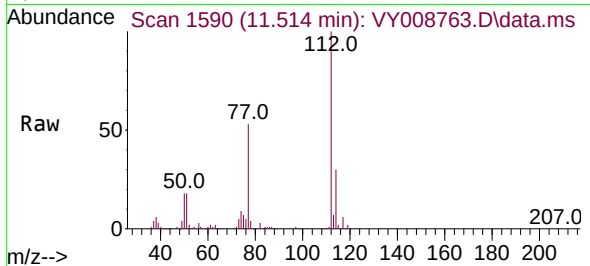




#65
Chlorobenzene
Concen: 58.451 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

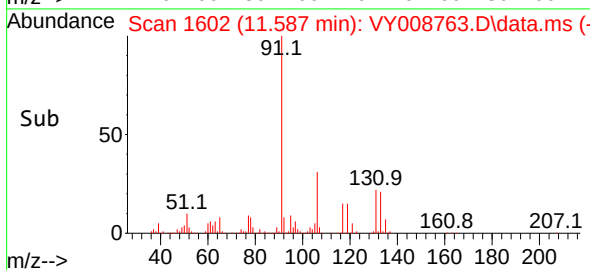
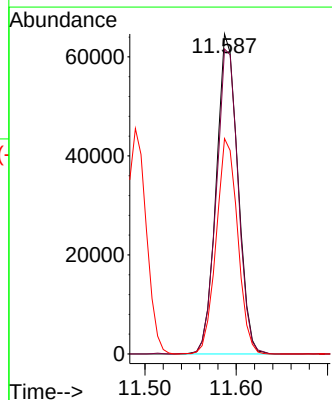
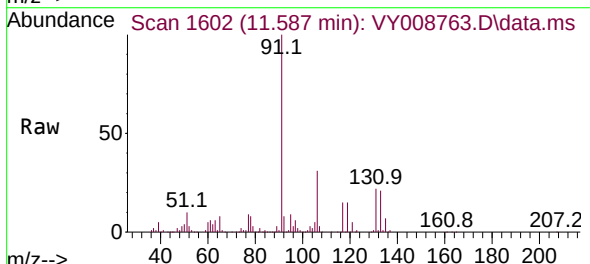
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

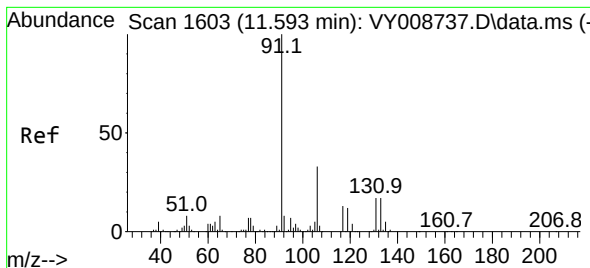
Tgt Ion:112 Resp: 278350
Ion Ratio Lower Upper
112 100
114 29.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 59.768 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion:131 Resp: 105687
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.3
119 67.2 33.1 99.3





#67

Ethyl Benzene

Concen: 57.968 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

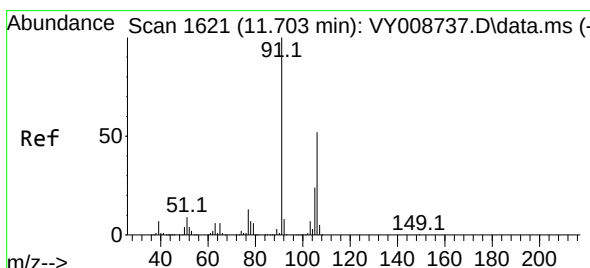
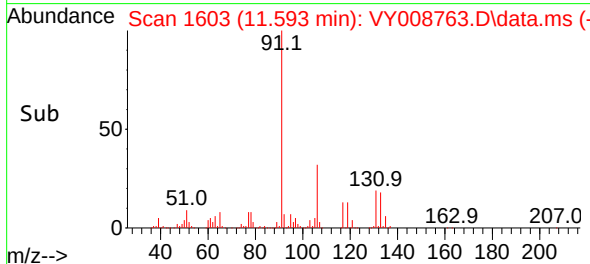
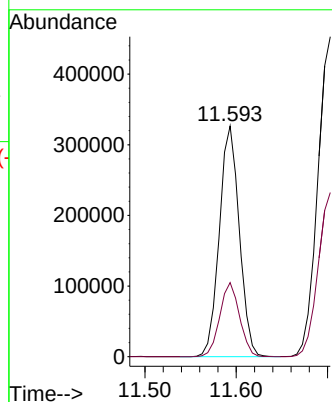
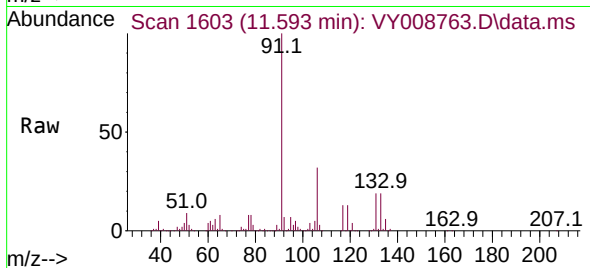
VSTDCCC050EC

Tgt Ion: 91 Resp: 495622

Ion Ratio Lower Upper

91 100

106 32.1 26.3 39.5



#68

m/p-Xylenes

Concen: 119.057 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008763.D

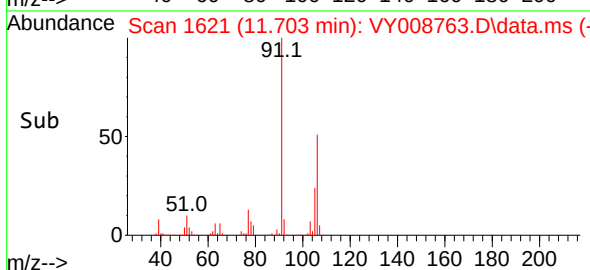
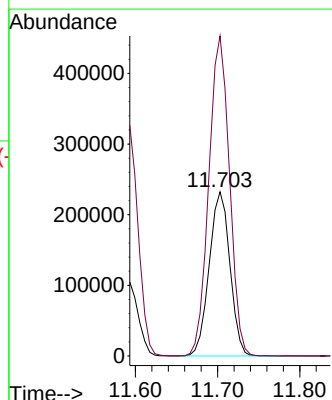
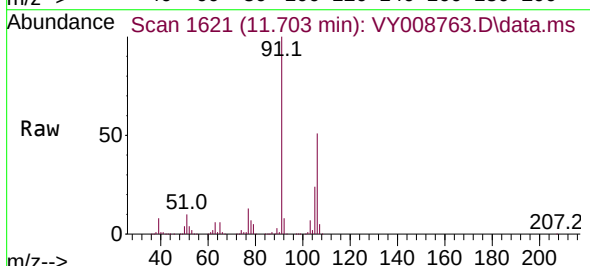
Acq: 13 May 2022 20:42

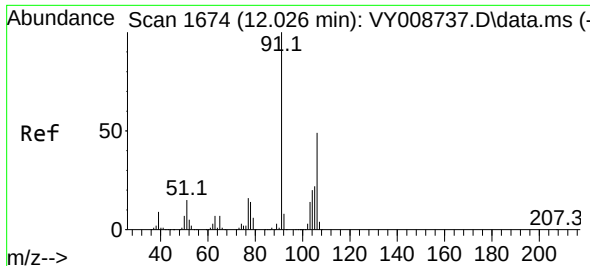
Tgt Ion:106 Resp: 405903

Ion Ratio Lower Upper

106 100

91 194.8 156.4 234.6

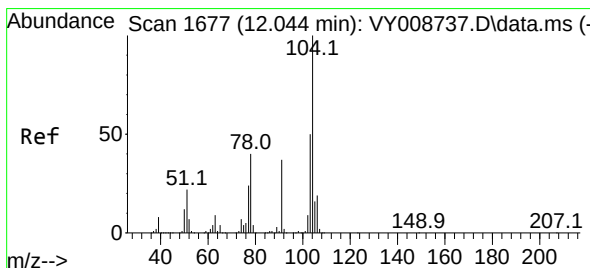
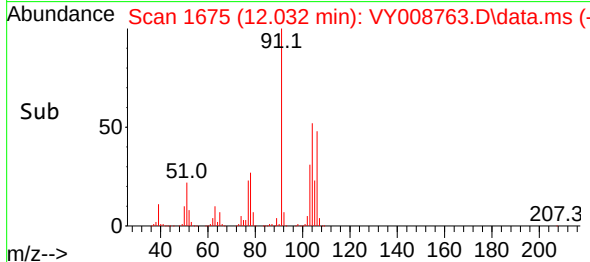
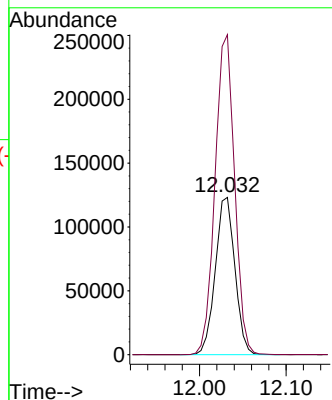
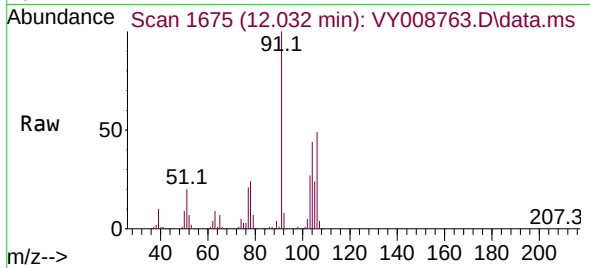




#69
o-Xylene
Concen: 60.339 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

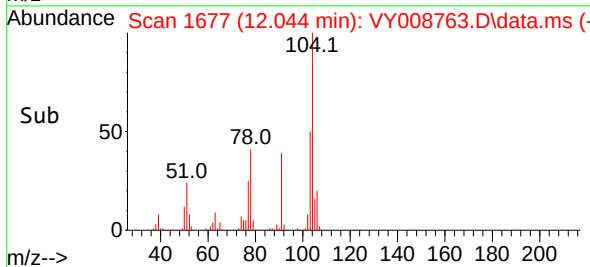
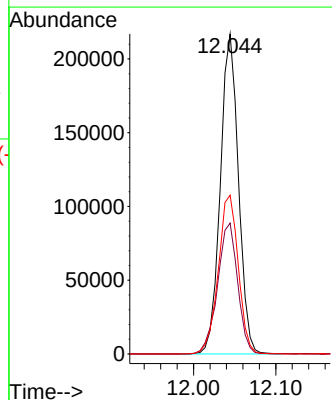
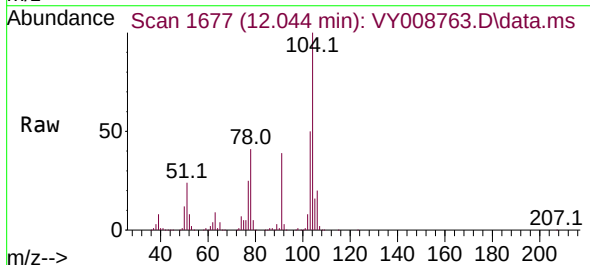
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

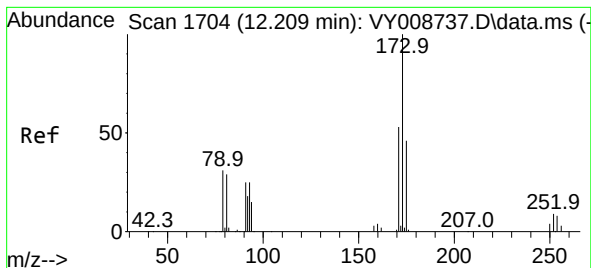
Tgt Ion:106 Resp: 193438
Ion Ratio Lower Upper
106 100
91 202.9 102.7 308.1



#70
Styrene
Concen: 62.253 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion:104 Resp: 332248
Ion Ratio Lower Upper
104 100
78 45.4 35.9 53.9
103 54.9 43.1 64.7





#71

Bromoform

Concen: 75.003 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

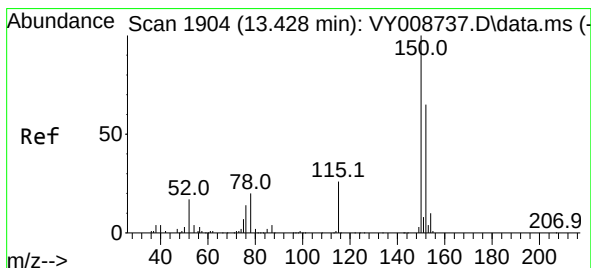
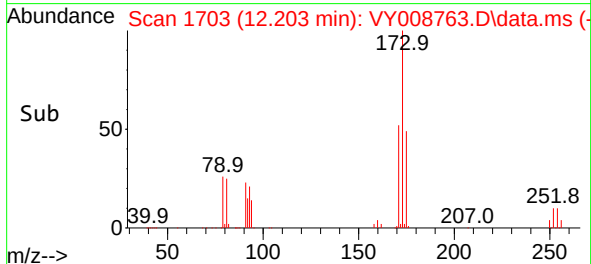
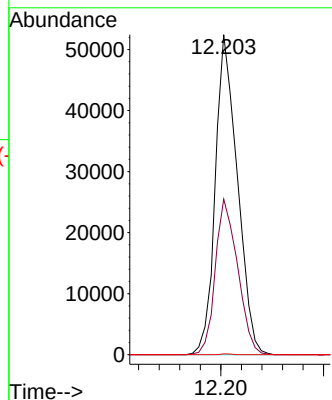
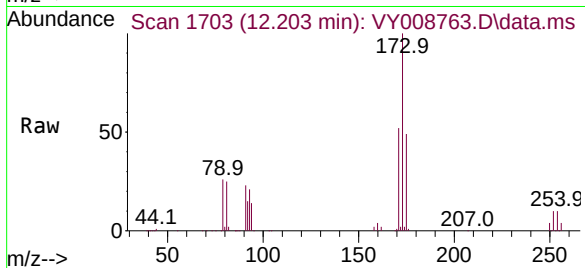
Tgt Ion:173 Resp: 78055

Ion Ratio Lower Upper

173 100

175 49.1 24.0 72.0

254 0.1 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: VY008763.D

Acq: 13 May 2022 20:42

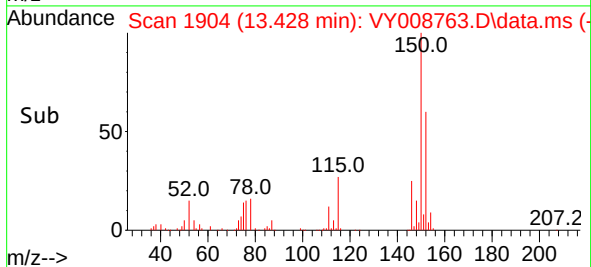
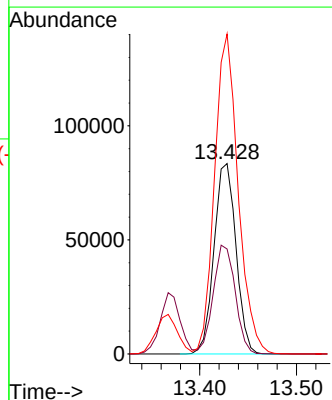
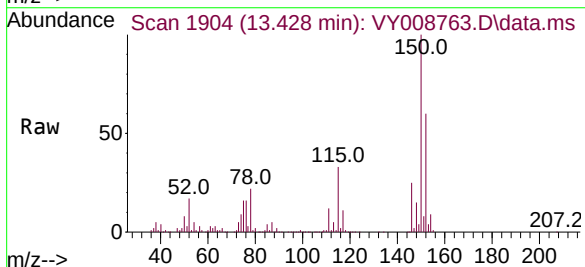
Tgt Ion:152 Resp: 131495

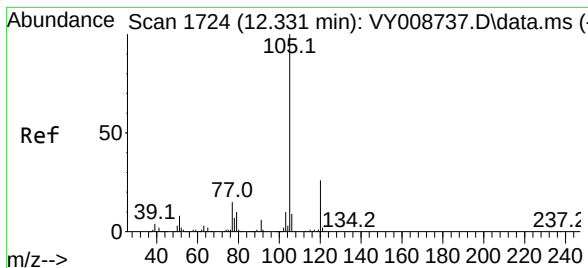
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 180.2 0.0 348.2





#73

Isopropylbenzene

Concen: 49.784 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

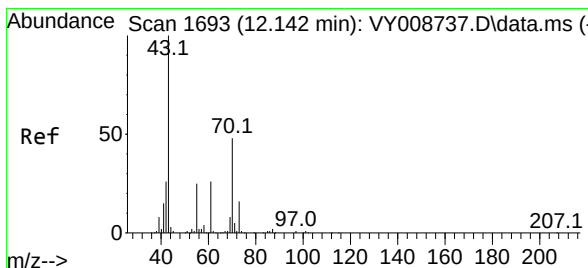
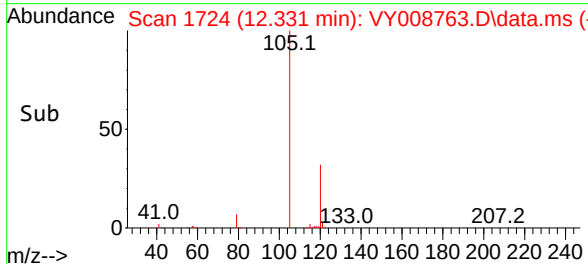
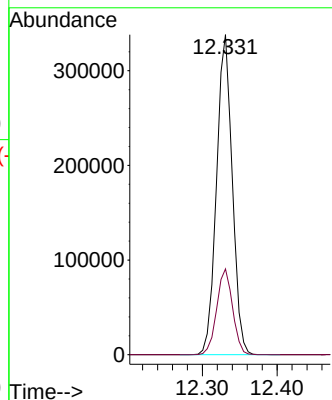
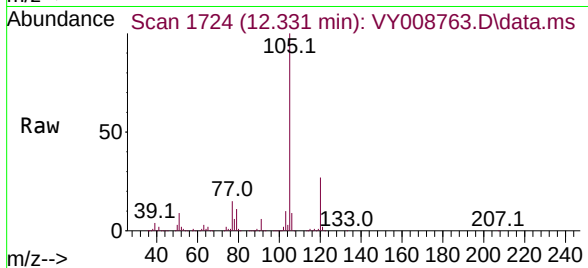
VSTDCCC050EC

Tgt Ion:105 Resp: 495217

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 58.468 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Tgt Ion: 43 Resp: 134455

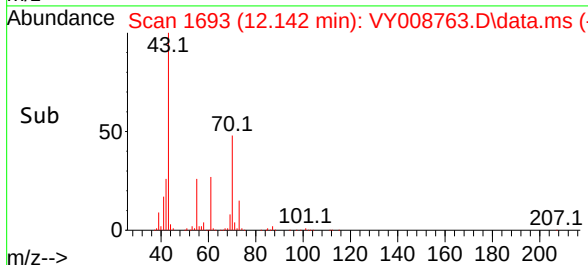
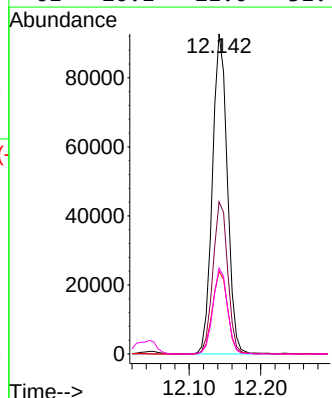
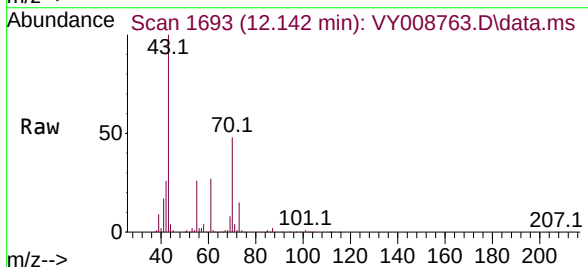
Ion Ratio Lower Upper

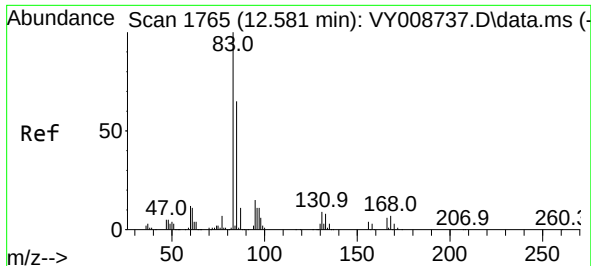
43 100

70 47.1 39.0 58.4

55 26.2 20.2 30.4

61 26.1 21.0 31.4

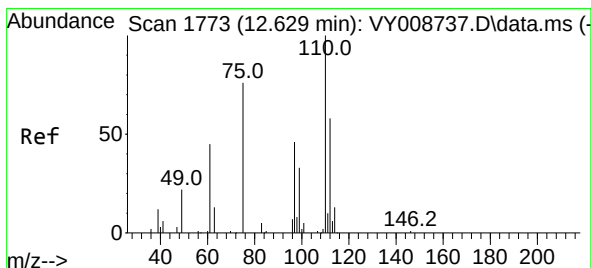
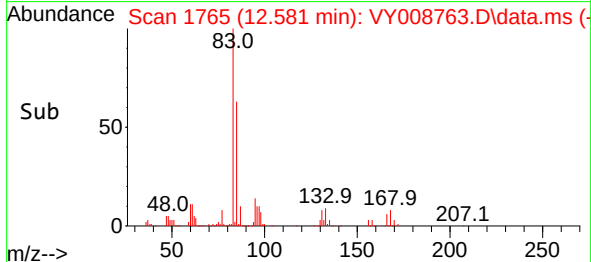
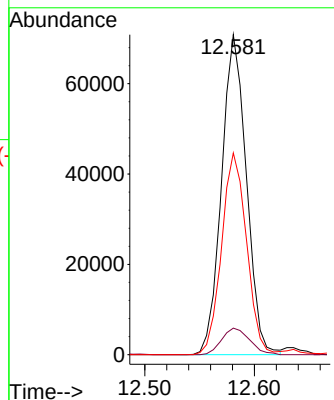
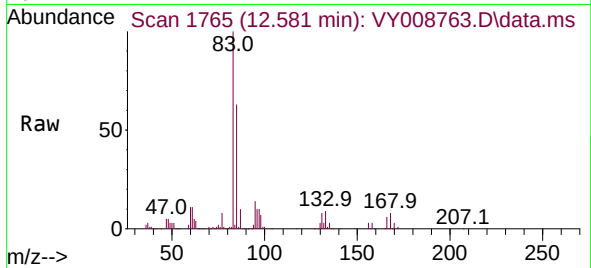




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.570 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

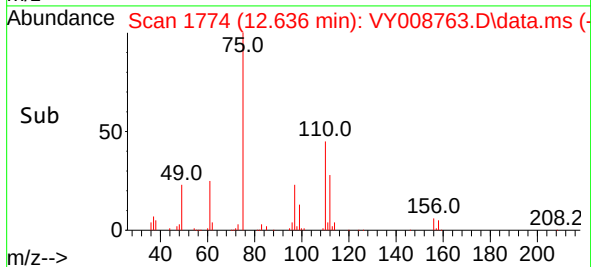
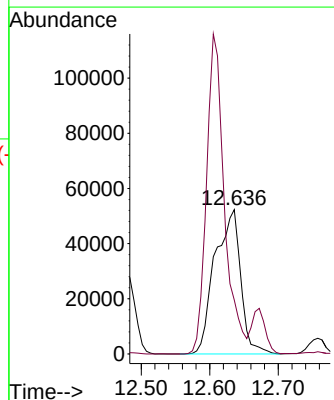
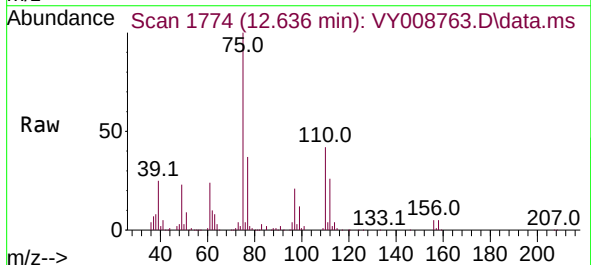
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

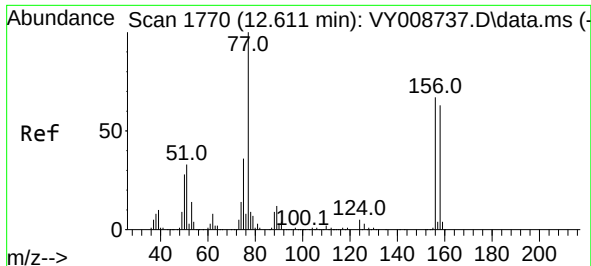
Tgt Ion: 83 Resp: 111506
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.0 14.9
 85 63.2 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 103.504 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

Tgt Ion: 75 Resp: 136957
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

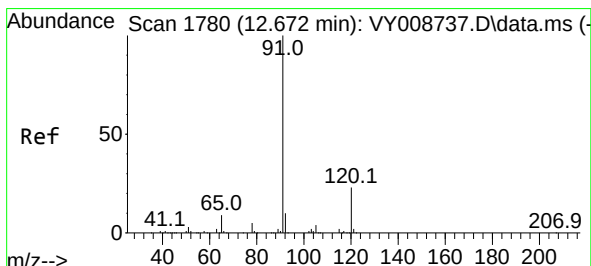
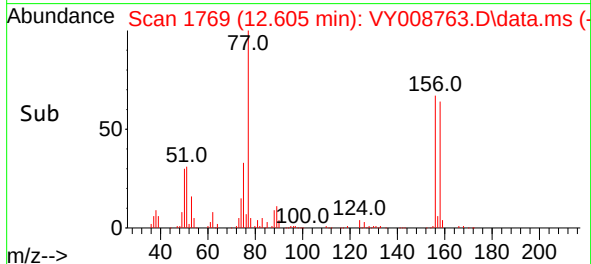
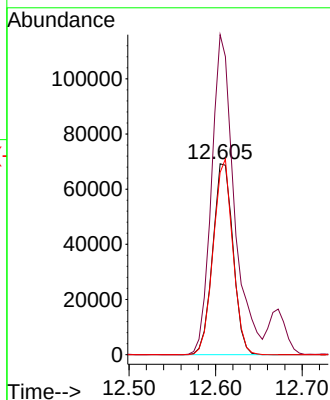
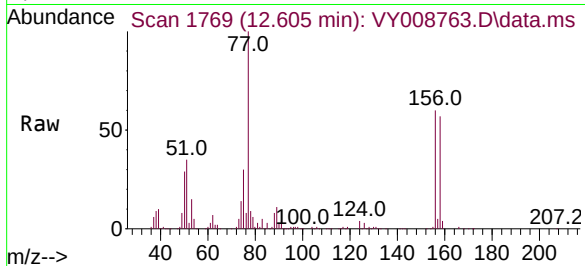




#77
Bromobenzene
Concen: 50.125 ug/l
RT: 12.605 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

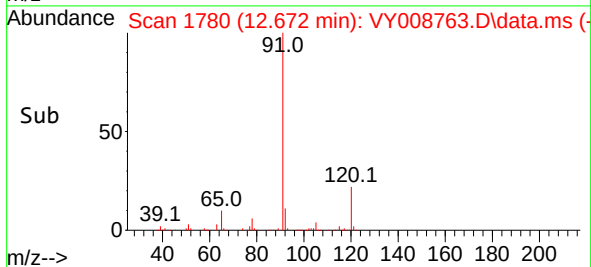
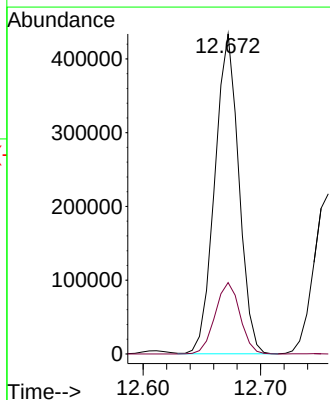
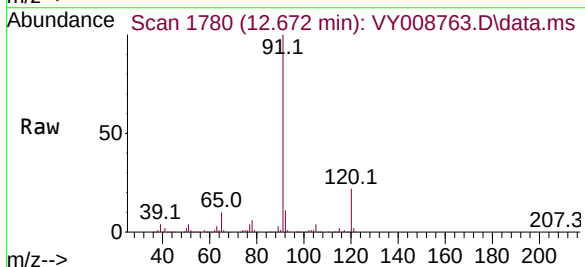
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

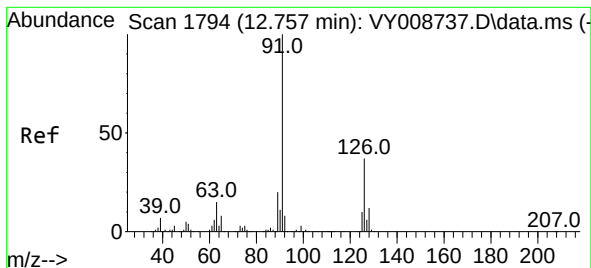
Tgt Ion:156 Resp: 112896
Ion Ratio Lower Upper
156 100
77 187.0 91.1 273.3
158 98.4 48.2 144.6



#78
n-propylbenzene
Concen: 51.187 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 91 Resp: 616699
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 51.253 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

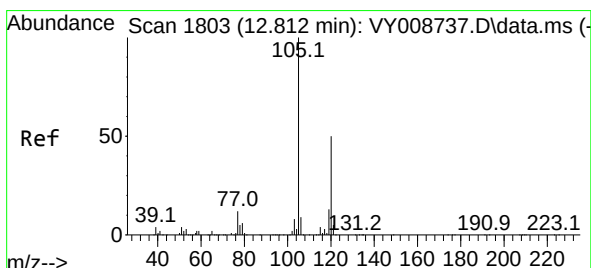
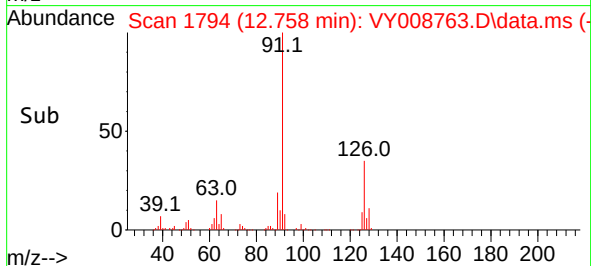
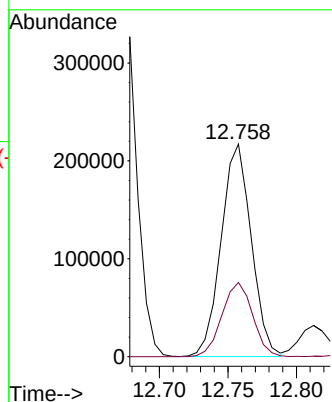
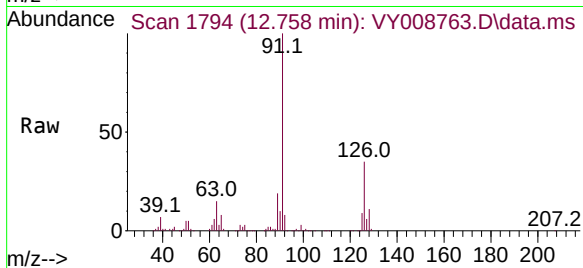
VSTDCCC050EC

Tgt Ion: 91 Resp: 332473

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 52.604 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008763.D

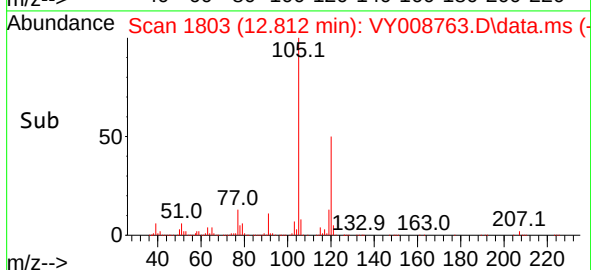
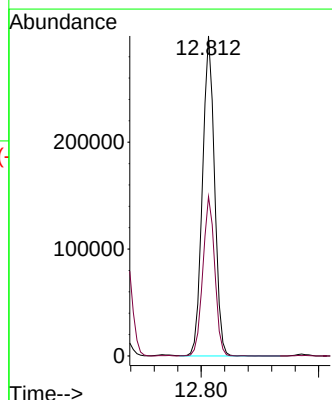
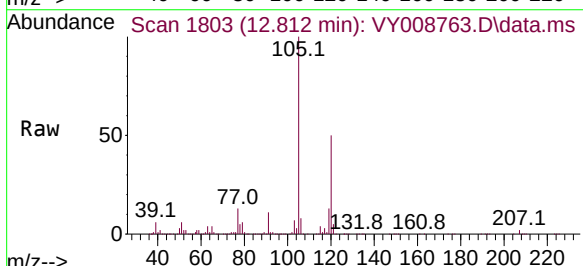
Acq: 13 May 2022 20:42

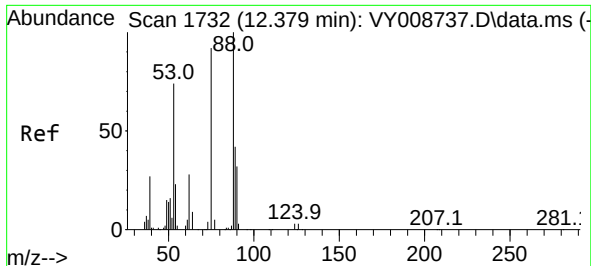
Tgt Ion: 105 Resp: 426678

Ion Ratio Lower Upper

105 100

120 49.1 25.1 75.4

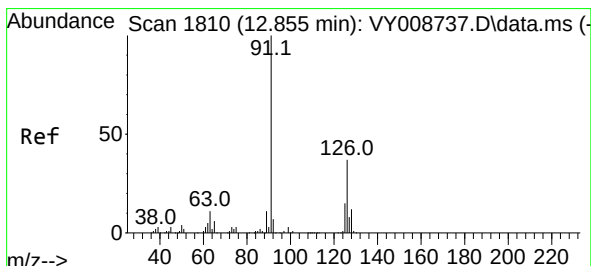
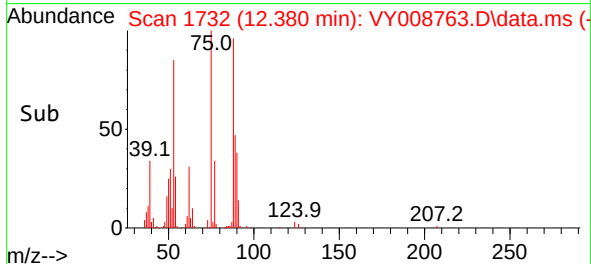
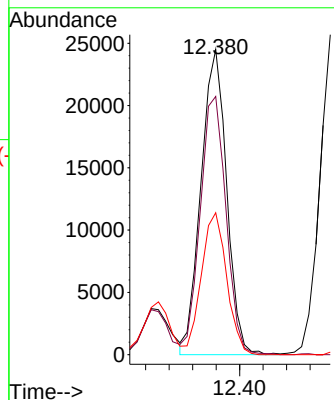
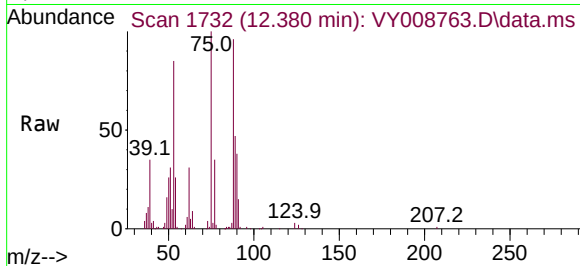




#81
trans-1,4-Dichloro-2-butene
Concen: 54.280 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

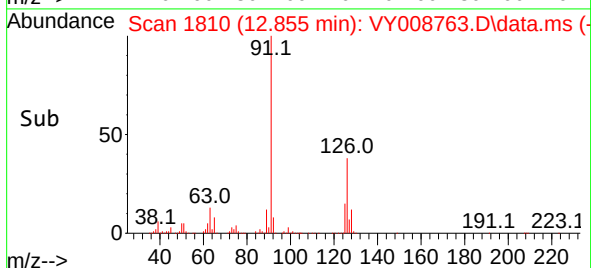
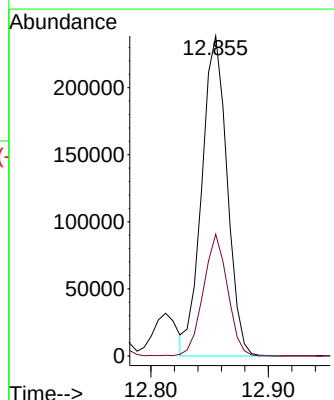
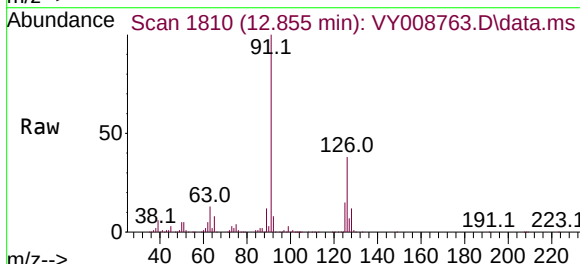
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

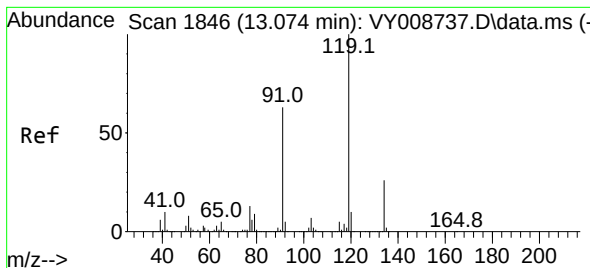
Tgt Ion: 75 Resp: 37178
Ion Ratio Lower Upper
75 100
53 85.0 66.3 99.5
89 46.1 36.8 55.2



#82
4-Chlorotoluene
Concen: 52.232 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 91 Resp: 356721
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 51.955 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

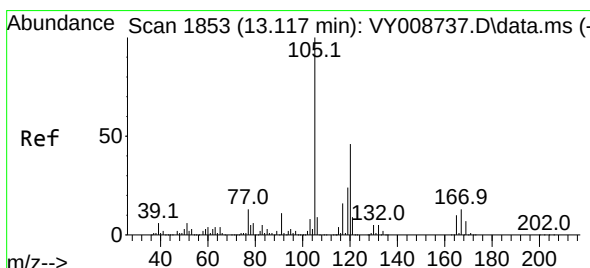
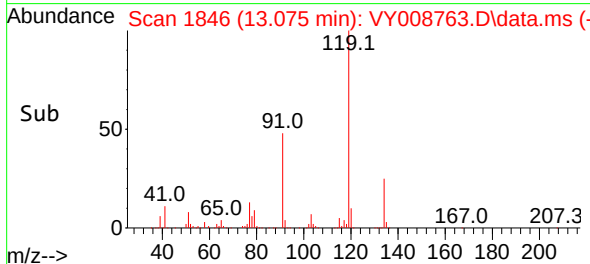
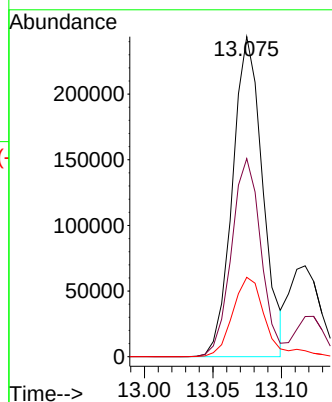
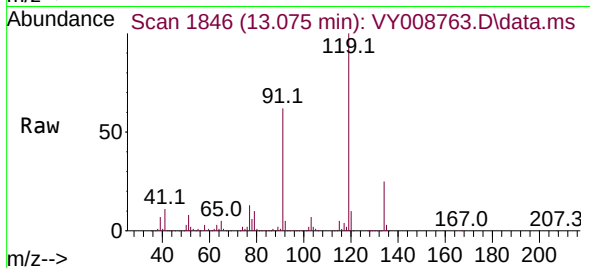
Tgt Ion:119 Resp: 374408

Ion Ratio Lower Upper

119 100

91 60.5 31.2 93.6

134 27.1 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 55.328 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY008763.D

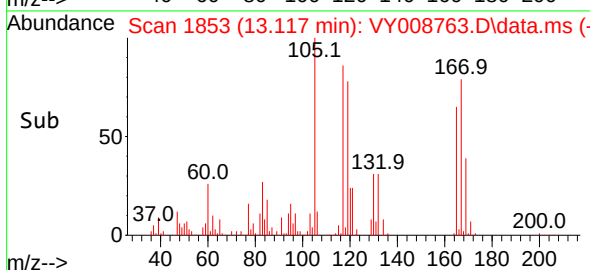
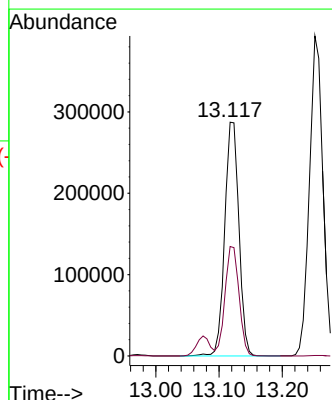
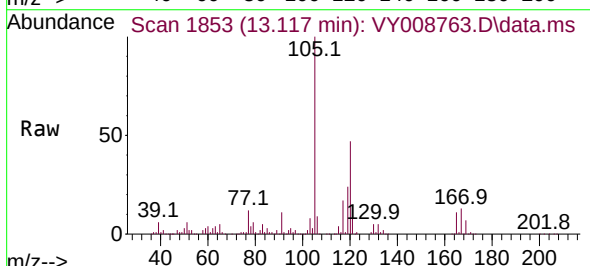
Acq: 13 May 2022 20:42

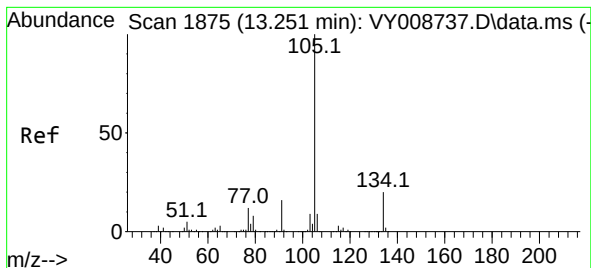
Tgt Ion:105 Resp: 446046

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.916 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

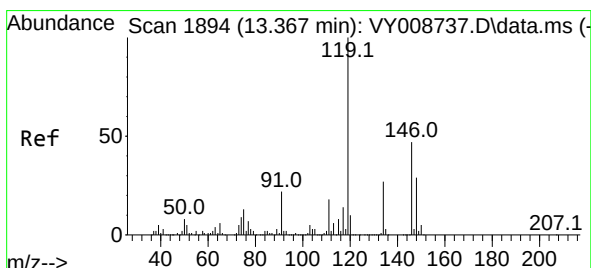
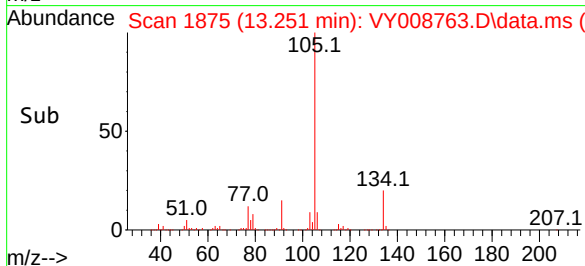
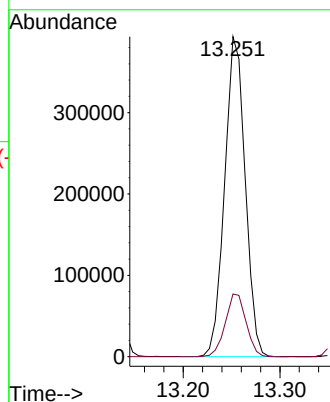
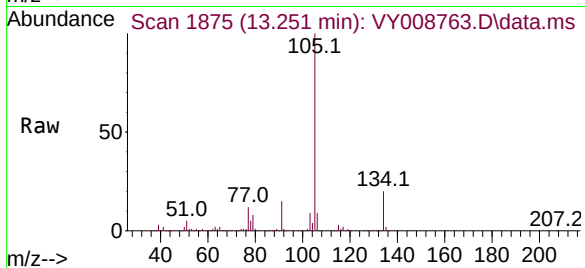
VSTDCCC050EC

Tgt Ion:105 Resp: 578617

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.015 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

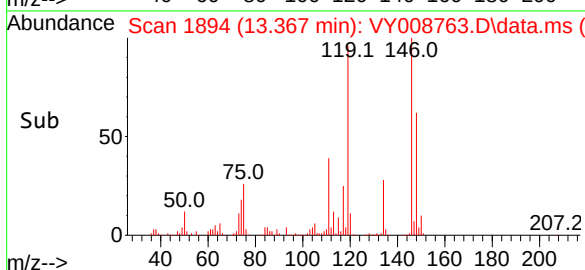
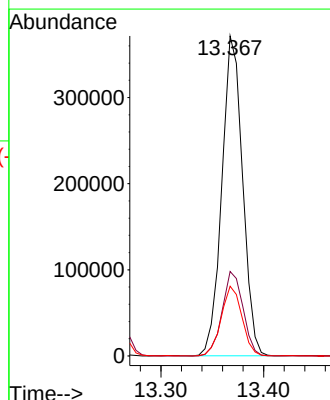
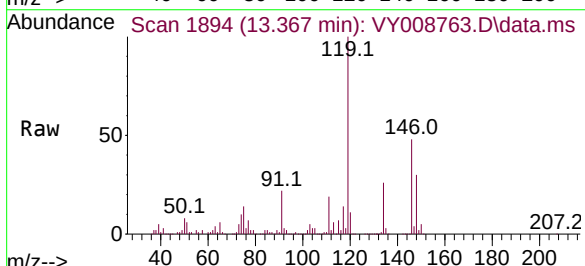
Tgt Ion:119 Resp: 520365

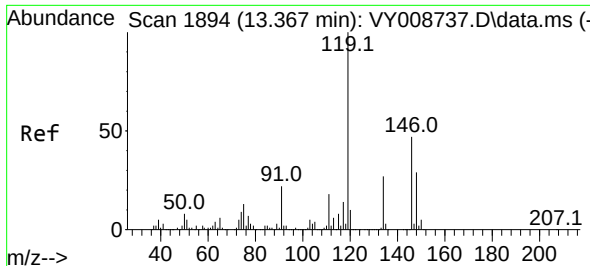
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 21.8 11.1 33.3

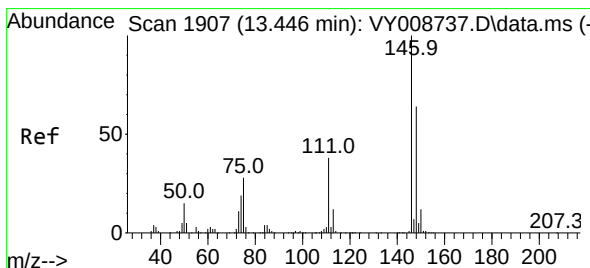
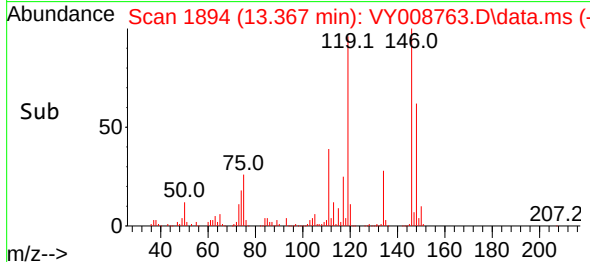
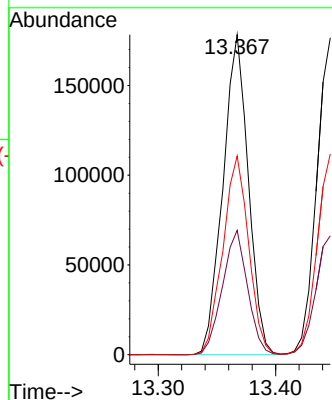
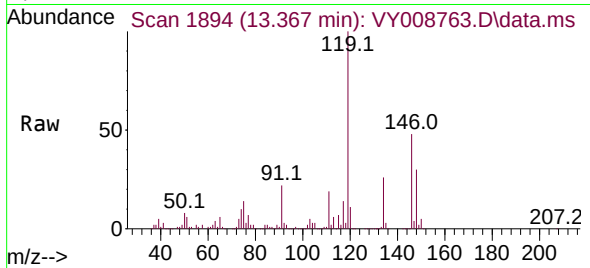




#87
1,3-Dichlorobenzene
Concen: 57.278 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

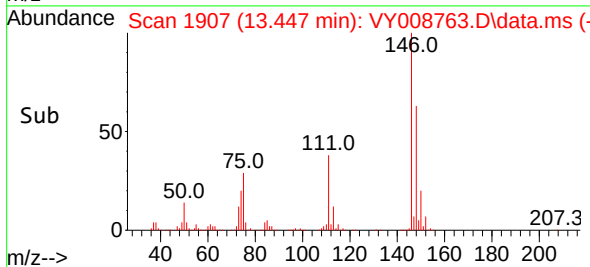
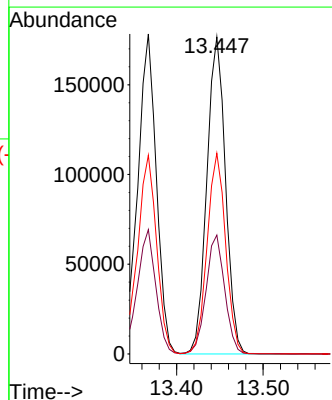
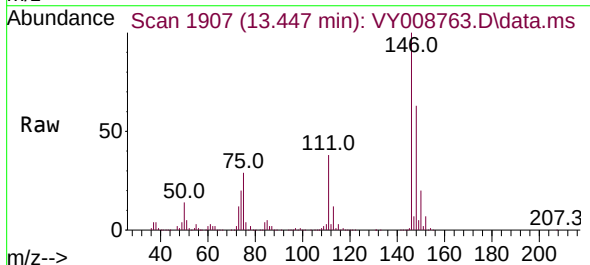
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

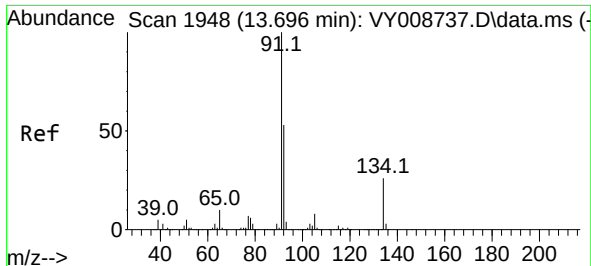
Tgt Ion:146 Resp: 268008
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 63.1 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 57.530 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion:146 Resp: 264194
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 63.0 32.0 96.0





#89

n-Butylbenzene

Concen: 52.668 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

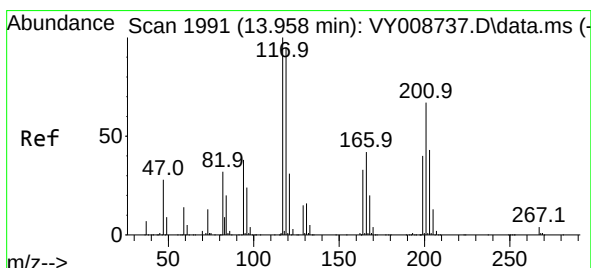
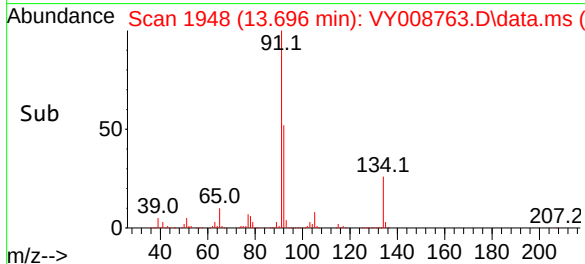
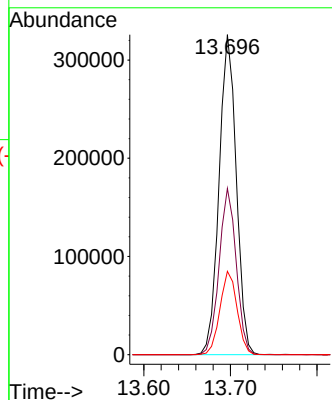
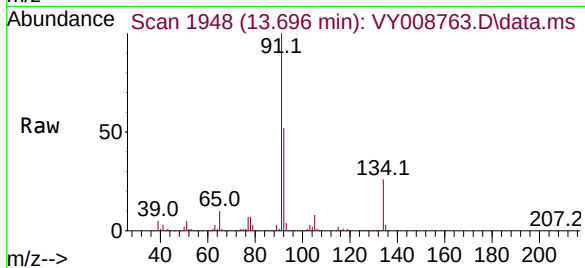
Tgt Ion: 91 Resp: 449570

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 26.0 13.2 39.6



#90

Hexachloroethane

Concen: 52.973 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY008763.D

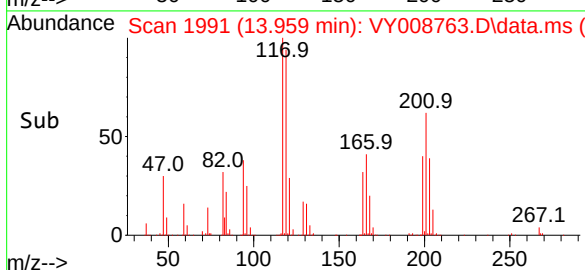
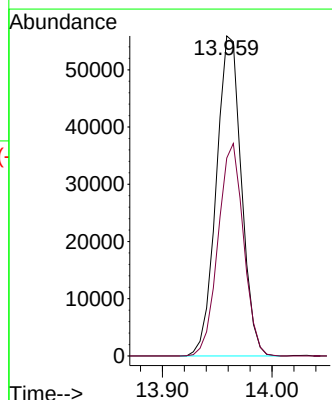
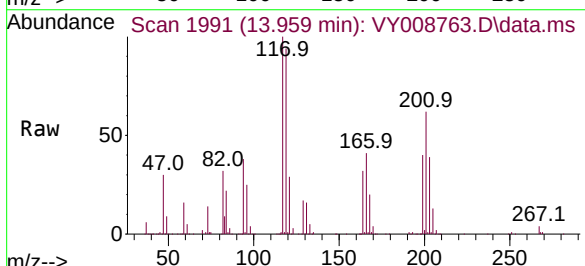
Acq: 13 May 2022 20:42

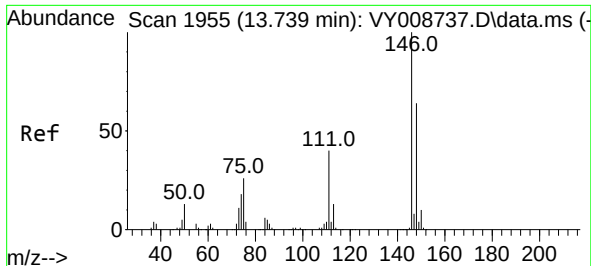
Tgt Ion: 117 Resp: 89192

Ion Ratio Lower Upper

117 100

201 67.0 34.4 103.1

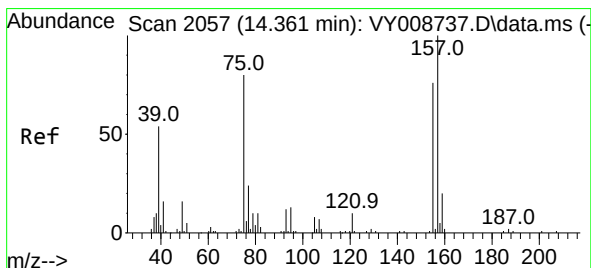
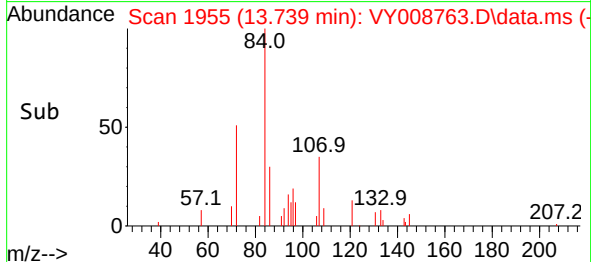
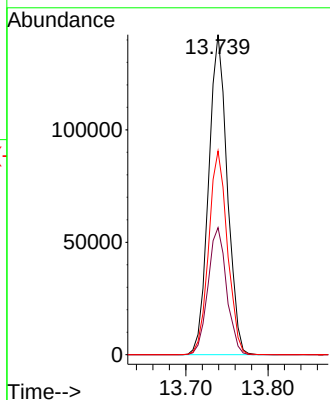
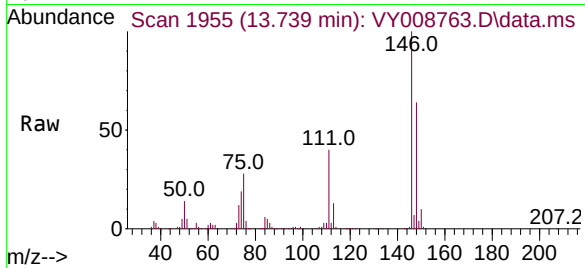




#91
1,2-Dichlorobenzene
Concen: 55.254 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

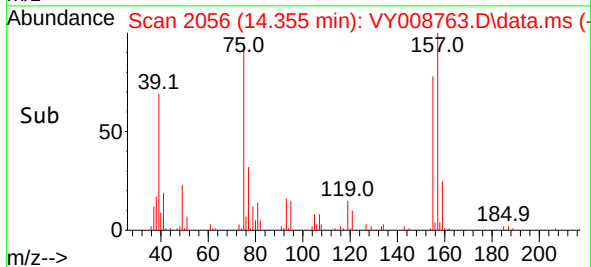
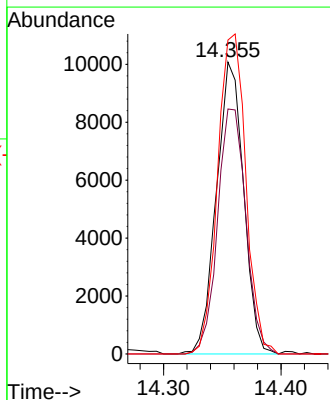
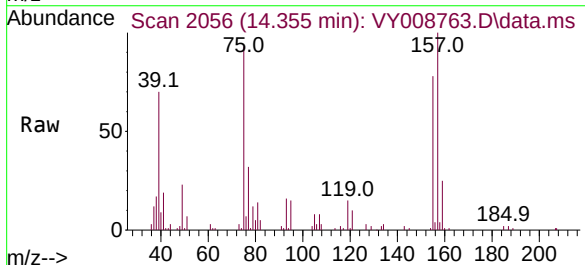
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

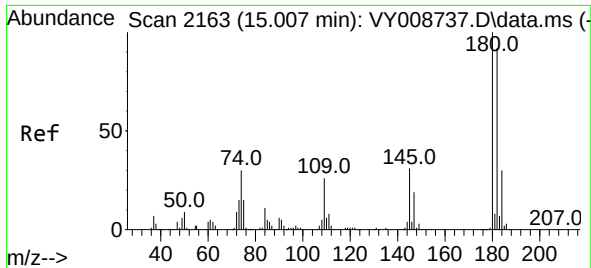
Tgt Ion:146 Resp: 223926
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.8
148 63.9 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.436 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008763.D
Acq: 13 May 2022 20:42

Tgt Ion: 75 Resp: 16210
Ion Ratio Lower Upper
75 100
155 87.0 44.7 134.1
157 113.4 60.5 181.4

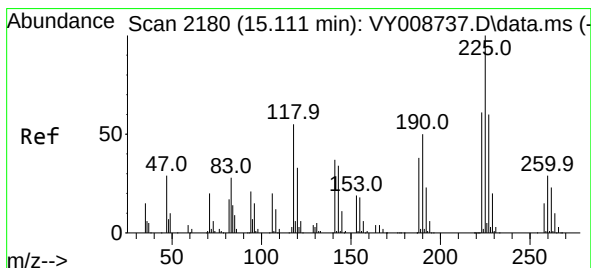
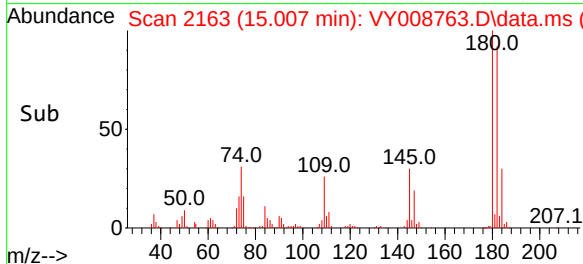
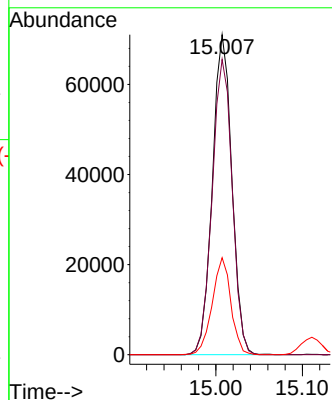
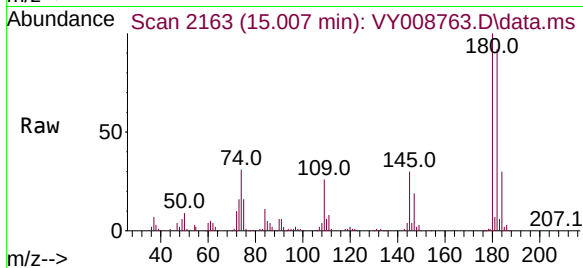




#93
 1,2,4-Trichlorobenzene
 Concen: 49.281 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

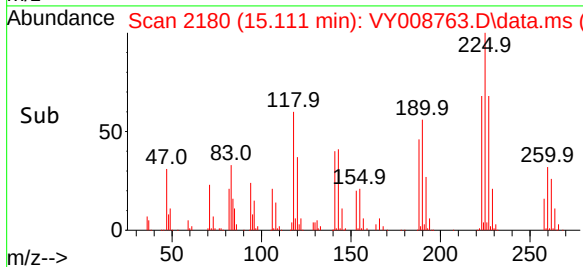
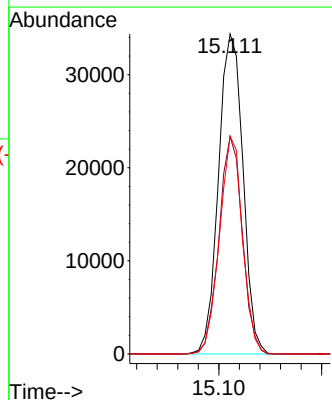
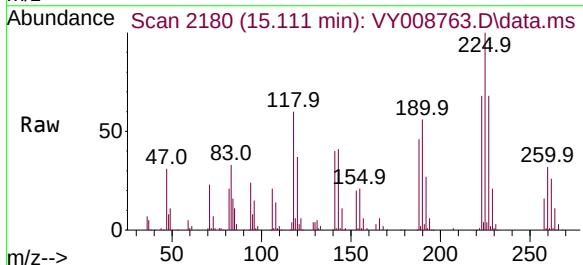
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

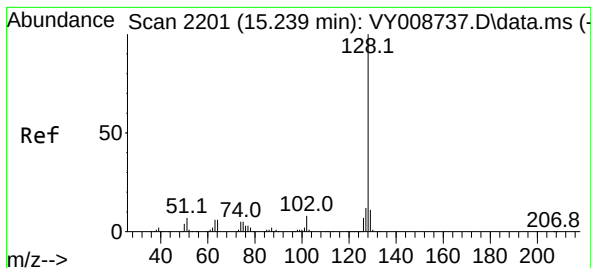
Tgt Ion:180 Resp: 110911
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.8 140.4
 145 29.1 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 47.866 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VY008763.D
 Acq: 13 May 2022 20:42

Tgt Ion:225 Resp: 56715
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.5 94.5
 227 64.0 31.2 93.6





#95

Naphthalene

Concen: 52.171 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

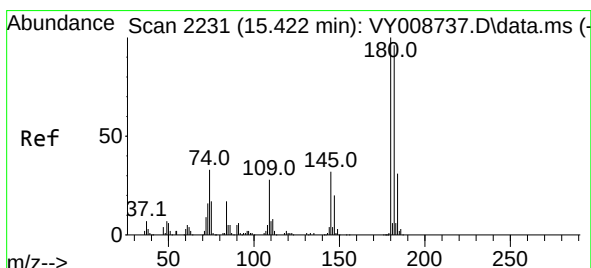
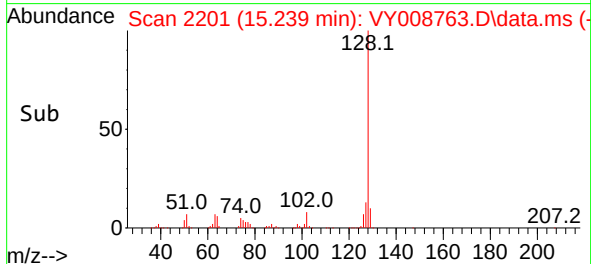
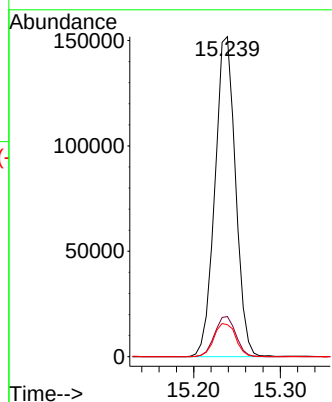
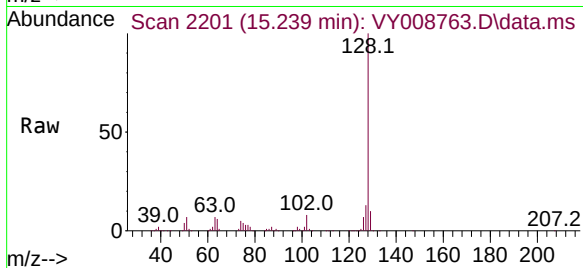
Tgt Ion:128 Resp: 250946

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.230 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY008763.D

Acq: 13 May 2022 20:42

Tgt Ion:180 Resp: 98097

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.7

145 31.1 15.6 46.8

