

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007216.D
 Acq On : 19 Jan 2022 10:49
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 20 00:15:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	118815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72598	49.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.722	113	65966	48.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.185	98	240032	47.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.483	95	84904	47.653	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	16822	40.378	ug/l	97
3) Chloromethane	2.119	50	40747	46.639	ug/l	98
4) Vinyl Chloride	2.266	62	60439	47.531	ug/l	96
5) Bromomethane	2.668	94	43558	52.902	ug/l	94
6) Chloroethane	2.808	64	39725	50.071	ug/l	97
7) Trichlorofluoromethane	3.137	101	67767	49.451	ug/l	97
8) Diethyl Ether	3.534	74	37886	50.205	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	64044	47.967	ug/l	98
10) Methyl Iodide	4.101	142	94365	47.785	ug/l	97
11) Tert butyl alcohol	4.960	59	31088	250.090	ug/l	99
12) 1,1-Dichloroethene	3.881	96	62910	46.792	ug/l	97
13) Acrolein	3.729	56	6802	226.199	ug/l	98
14) Allyl chloride	4.485	41	107273	49.761	ug/l	96
15) Acrylonitrile	5.167	53	95685	263.831	ug/l	98
16) Acetone	3.948	43	86797	229.406	ug/l	98
17) Carbon Disulfide	4.204	76	173386	46.439	ug/l	100
18) Methyl Acetate	4.479	43	65839	48.905	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	141361	53.407	ug/l	98
20) Methylene Chloride	4.716	84	69915	44.688	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	67703	46.449	ug/l	98
22) Diisopropyl ether	6.125	45	223692	51.219	ug/l	99
23) Vinyl Acetate	6.064	43	692474	269.616	ug/l	96
24) 1,1-Dichloroethane	6.027	63	129665	48.807	ug/l	98
25) 2-Butanone	6.990	43	122413	250.243	ug/l	98
26) 2,2-Dichloropropane	6.990	77	95406	49.276	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	79453	48.054	ug/l	96
28) Bromochloromethane	7.338	49	53084	55.239	ug/l	94
29) Tetrahydrofuran	7.350	42	82707	263.018	ug/l	96
30) Chloroform	7.515	83	136698	49.522	ug/l	99
31) Cyclohexane	7.795	56	111387	45.193	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	116482	49.370	ug/l	98
36) 1,1-Dichloropropene	7.923	75	102809	46.959	ug/l	99
37) Ethyl Acetate	7.076	43	57579	51.247	ug/l	97
38) Carbon Tetrachloride	7.905	117	108926	47.301	ug/l	97
39) Methylcyclohexane	9.185	83	122156	45.698	ug/l	99
40) Benzene	8.167	78	275789	47.224	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	79802	123.338	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	92683	50.398	ug/l	98
43) Isopropyl Acetate	8.277	43	114942	52.576	ug/l	97
44) Trichloroethene	8.947	130	74300	47.016	ug/l	97
45) 1,2-Dichloropropane	9.222	63	72344	48.713	ug/l	94
46) Dibromomethane	9.313	93	42892	48.840	ug/l	98
47) Bromodichloromethane	9.502	83	108622	50.312	ug/l	99
48) Methyl methacrylate	9.295	41	50202	50.485	ug/l	97
49) 1,4-Dioxane	9.313	88	10151	1072.017	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	289673	261.317	ug/l	96
52) Toluene	10.246	92	179766	48.562	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	114041	50.039	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	125027	49.009	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	57514	48.282	ug/l	96
56) Ethyl methacrylate	10.514	69	85640	51.032	ug/l	93
57) 1,3-Dichloropropane	10.795	76	103448	49.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	182555	239.231	ug/l	99
59) 2-Hexanone	10.837	43	191918	255.108	ug/l	96
60) Dibromochloromethane	10.990	129	72511	49.517	ug/l	99
61) 1,2-Dibromoethane	11.093	107	57593	49.213	ug/l	99
64) Tetrachloroethene	10.721	164	58700	45.753	ug/l	99
65) Chlorobenzene	11.520	112	187780	48.248	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	70678	48.989	ug/l	100
67) Ethyl Benzene	11.599	91	353083	48.269	ug/l	99
68) m/p-Xylenes	11.709	106	261366	96.148	ug/l	99
69) o-Xylene	12.032	106	123691	48.318	ug/l	98
70) Styrene	12.050	104	214403	49.647	ug/l	100
71) Bromoform	12.209	173	42377	50.780	ug/l #	98
73) Isopropylbenzene	12.337	105	329323	46.960	ug/l	99
74) N-amyl acetate	12.148	43	99934	53.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	67753	49.684	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	92031	99.403	ug/l #	100
77) Bromobenzene	12.611	156	73322	48.050	ug/l	96
78) n-propylbenzene	12.678	91	411505	47.335	ug/l	99
79) 2-Chlorotoluene	12.764	91	230942	47.779	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	273351	47.472	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	25401	50.227	ug/l #	95
82) 4-Chlorotoluene	12.861	91	243055	48.205	ug/l	99
83) tert-Butylbenzene	13.081	119	236943	47.622	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	272307	47.710	ug/l	100
85) sec-Butylbenzene	13.258	105	348990	46.885	ug/l	99
86) p-Isopropyltoluene	13.373	119	290880	47.553	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	142747	47.792	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	142298	47.380	ug/l	99
89) n-Butylbenzene	13.703	91	287694	47.766	ug/l	100
90) Hexachloroethane	13.965	117	57416	48.012	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	127045	47.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11591	49.213	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	77880	48.191	ug/l	98
94) Hexachlorobutadiene	15.117	225	39236	47.108	ug/l	99
95) Naphthalene	15.239	128	173392	50.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	68893	49.968	ug/l	99

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ClientSampleId :
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QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

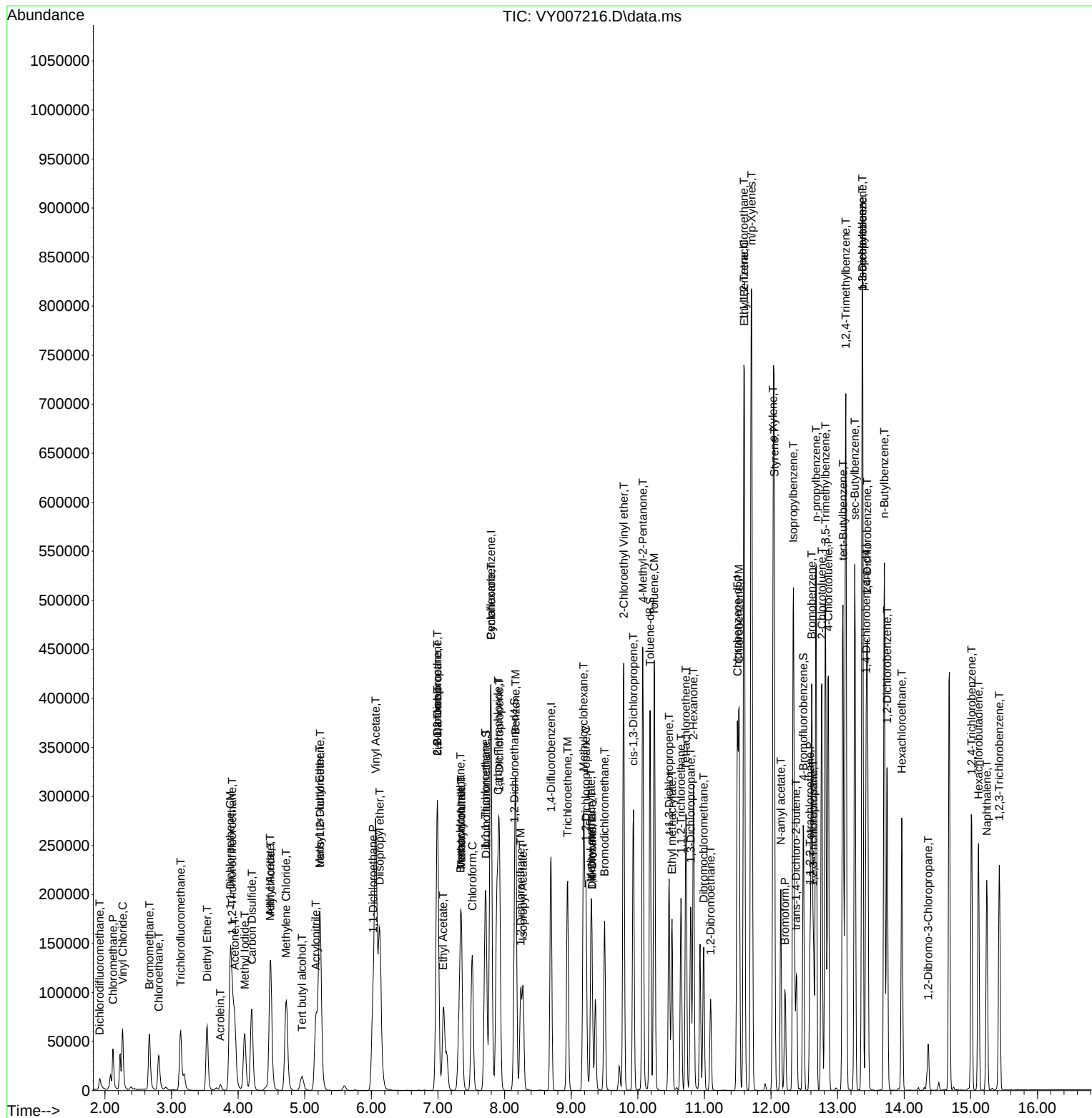
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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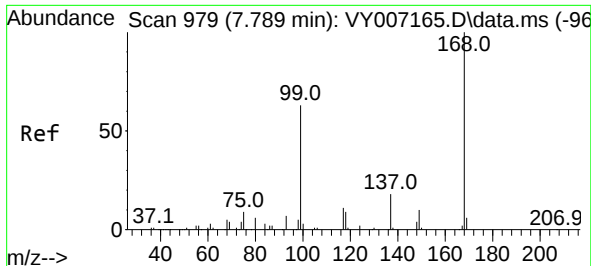
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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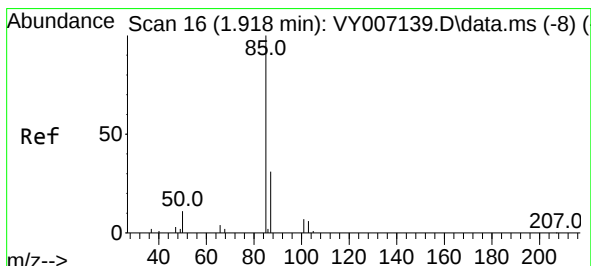
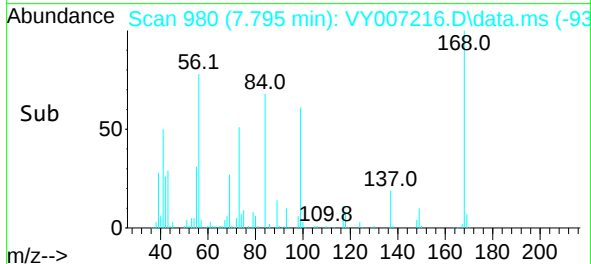
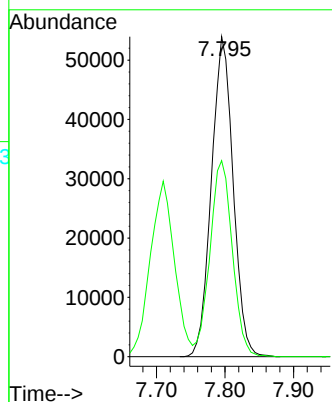
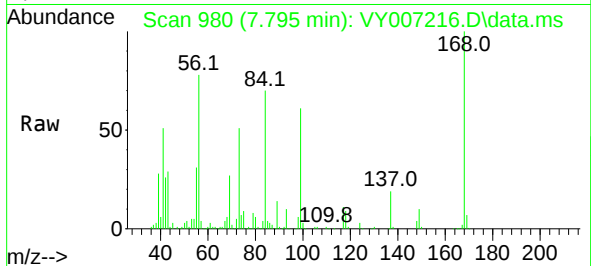




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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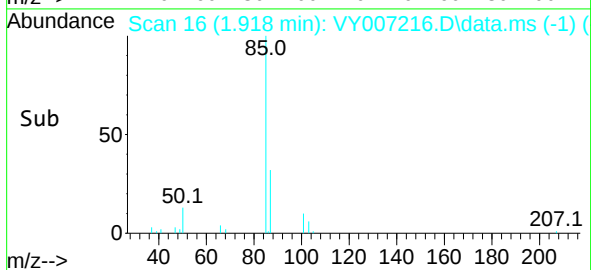
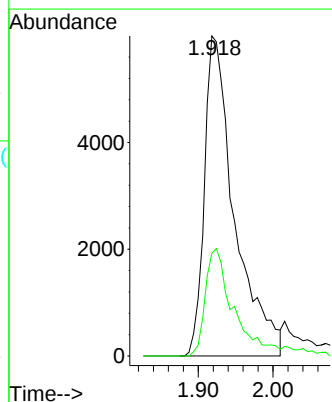
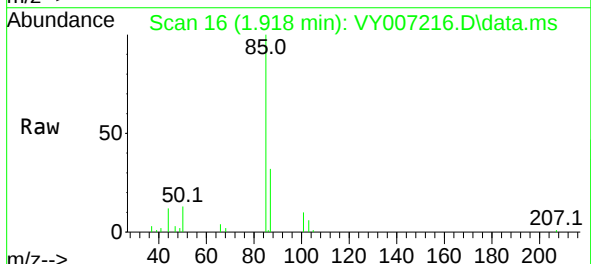
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

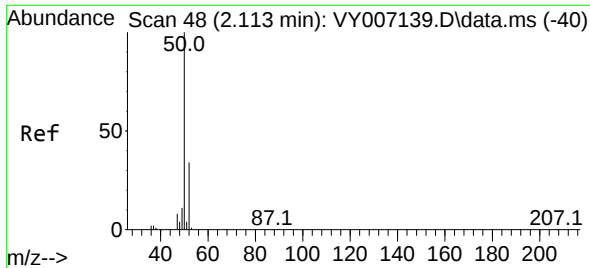
Tgt Ion:168 Resp: 118815
Ion Ratio Lower Upper
168 100
99 61.3 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 40.378 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 85 Resp: 16822
Ion Ratio Lower Upper
85 100
87 32.1 15.2 45.6

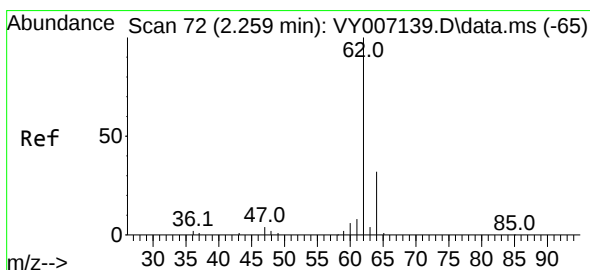
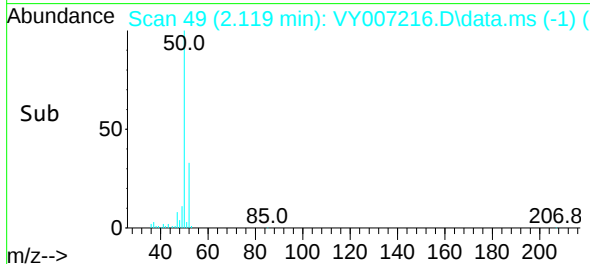
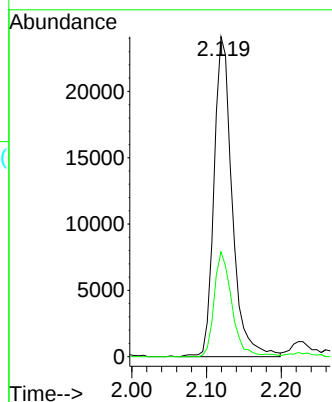
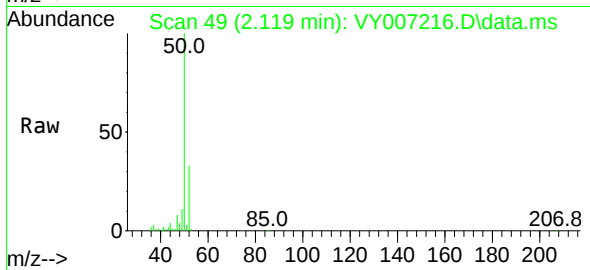




#3
Chloromethane
Concen: 46.639 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

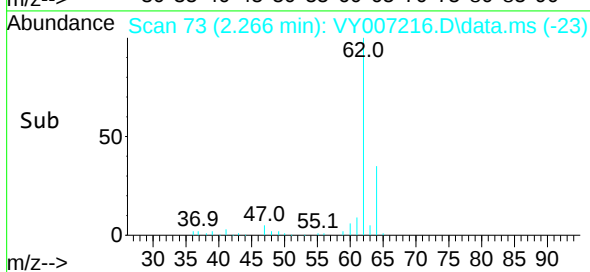
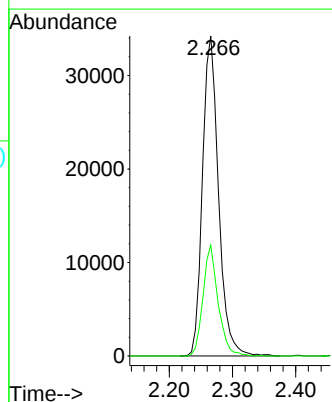
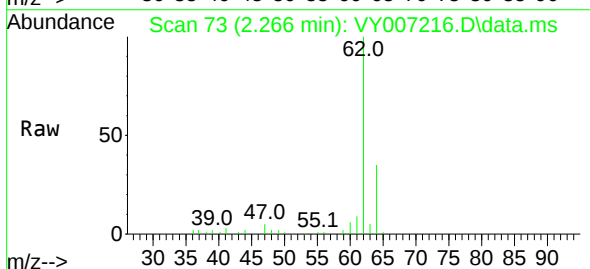
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

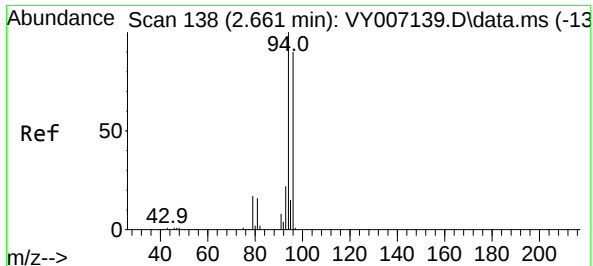
Tgt Ion: 50 Resp: 40747
Ion Ratio Lower Upper
50 100
52 32.7 27.1 40.7



#4
Vinyl Chloride
Concen: 47.531 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 62 Resp: 60439
Ion Ratio Lower Upper
62 100
64 34.6 26.1 39.1

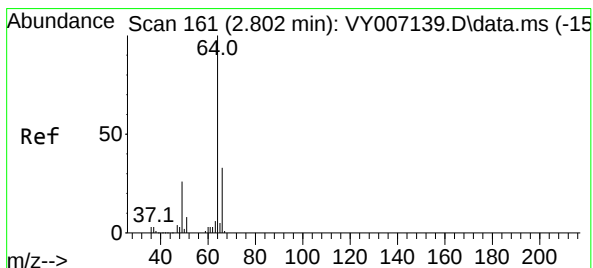
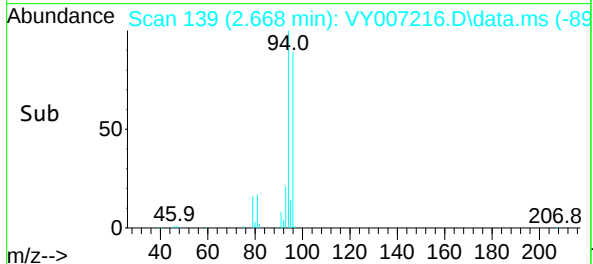
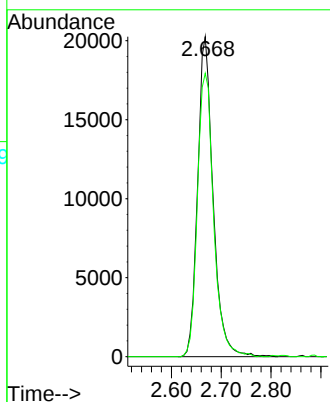
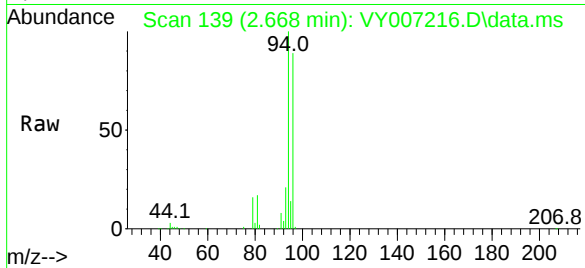




#5
Bromomethane
Concen: 52.902 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007216.D
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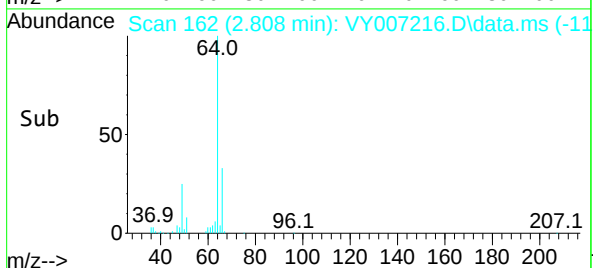
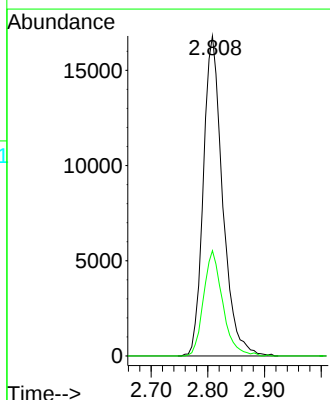
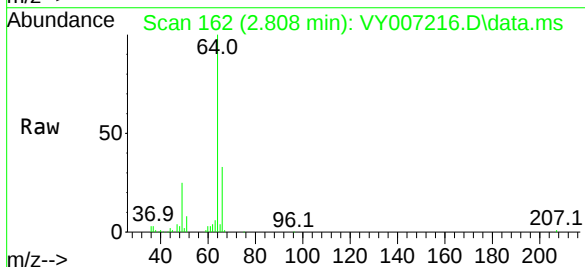
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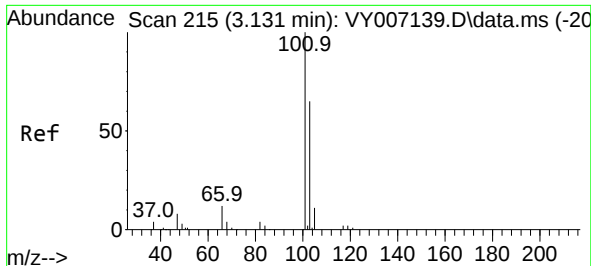
Tgt Ion: 94 Resp: 43558
Ion Ratio Lower Upper
94 100
96 88.5 75.8 113.6



#6
Chloroethane
Concen: 50.071 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.007 min
Lab File: VY007216.D
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Tgt Ion: 64 Resp: 39725
Ion Ratio Lower Upper
64 100
66 32.9 24.8 37.2

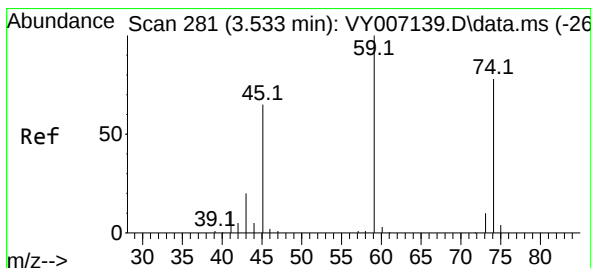
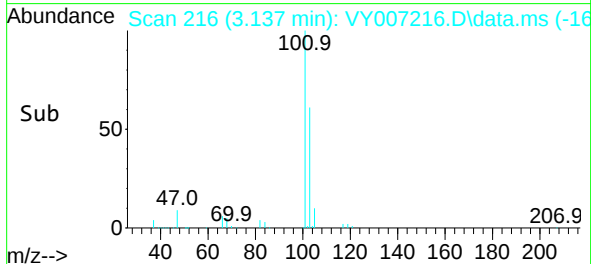
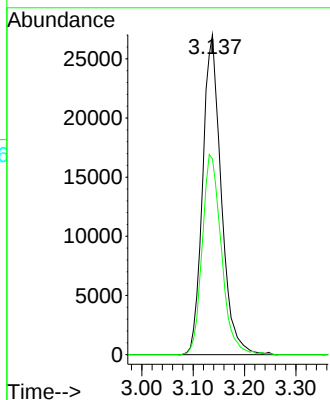
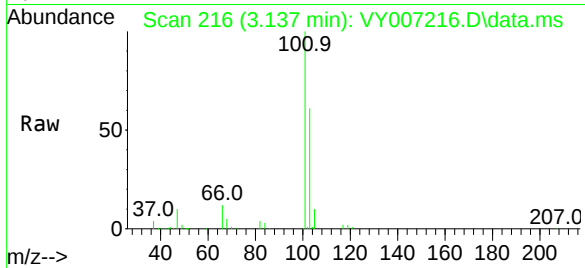




#7
Trichlorofluoromethane
Concen: 49.451 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

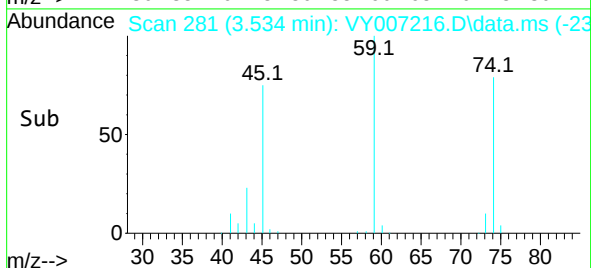
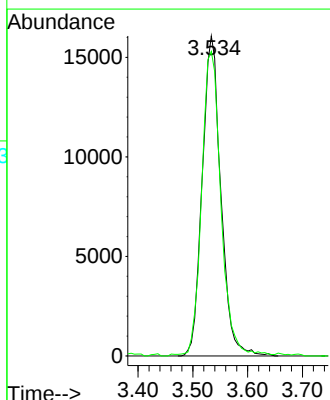
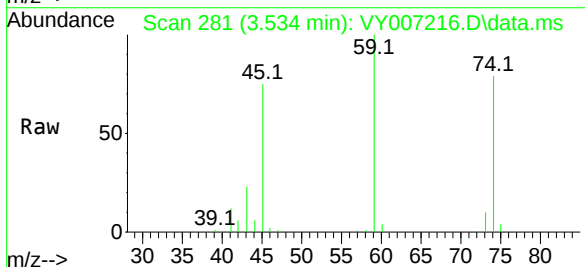
Instrument :
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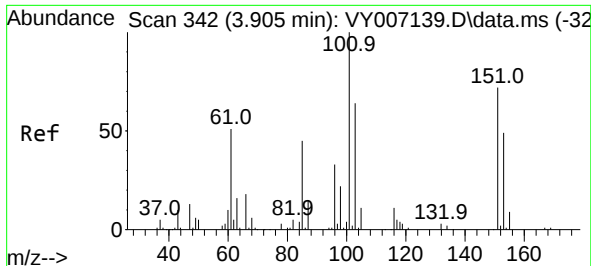
Tgt Ion:101 Resp: 67767
Ion Ratio Lower Upper
101 100
103 61.2 50.6 76.0



#8
Diethyl Ether
Concen: 50.205 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY007216.D
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Tgt Ion: 74 Resp: 37886
Ion Ratio Lower Upper
74 100
45 98.9 46.1 138.3

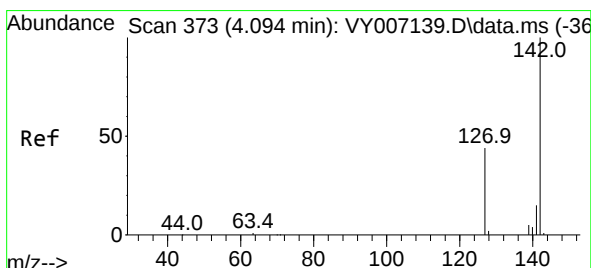
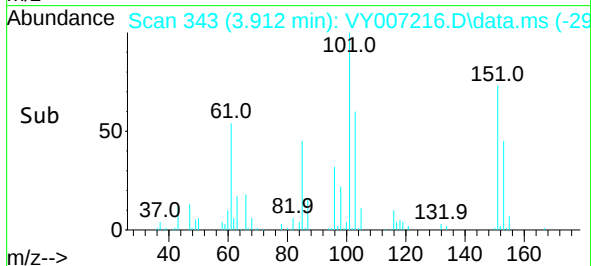
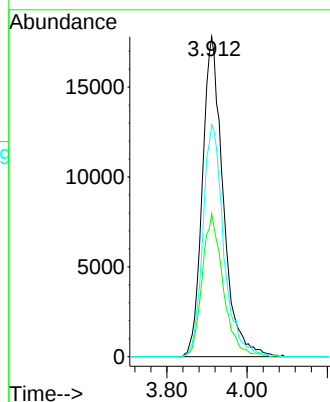
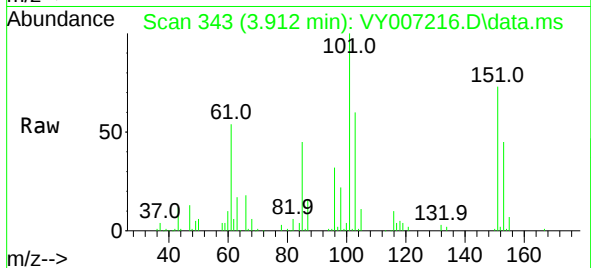




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.967 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

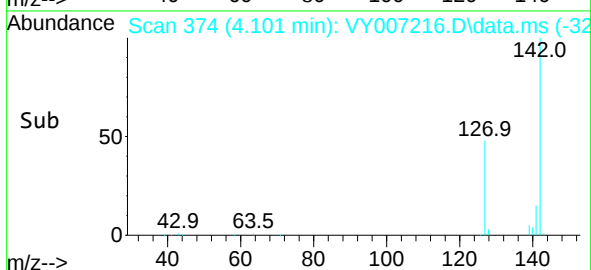
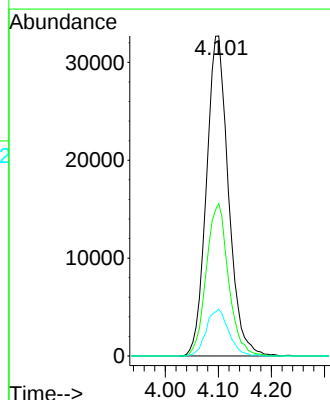
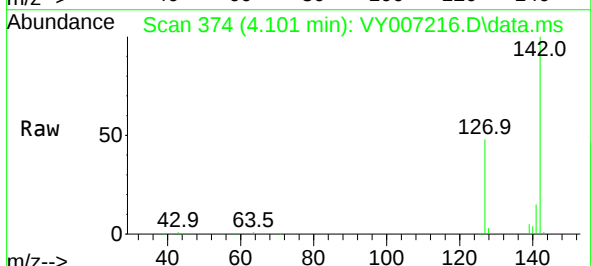
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

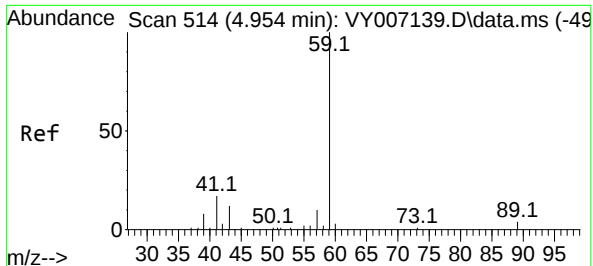
Tgt Ion:101 Resp: 64044
Ion Ratio Lower Upper
101 100
85 44.6 35.4 53.0
151 72.8 60.4 90.6



#10
Methyl Iodide
Concen: 47.785 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:142 Resp: 94365
Ion Ratio Lower Upper
142 100
127 47.8 36.2 54.4
141 14.9 11.5 17.3

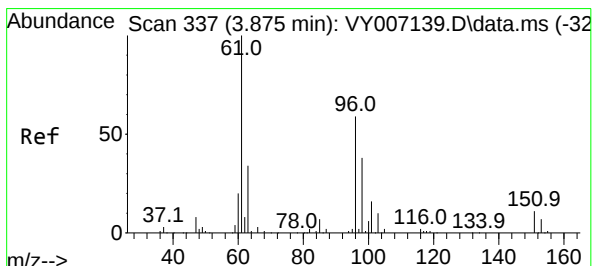
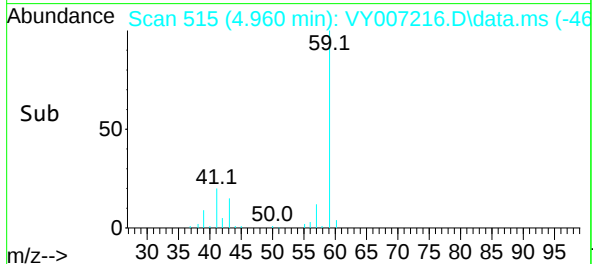
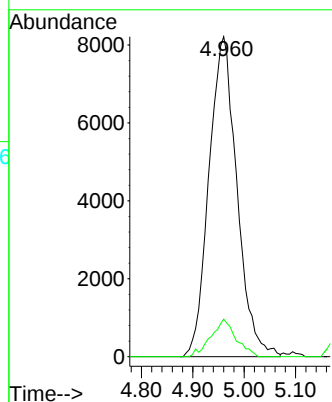
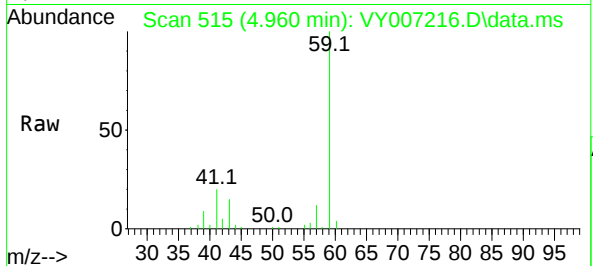




#11
Tert butyl alcohol
Concen: 250.090 ug/l
RT: 4.960 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

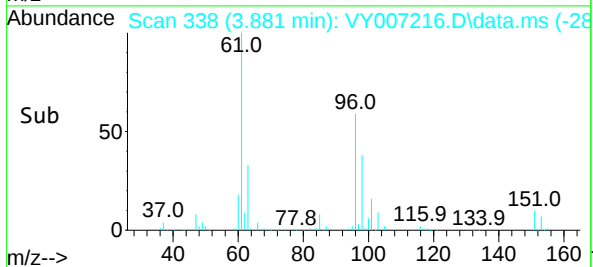
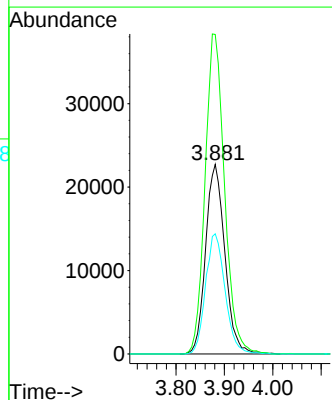
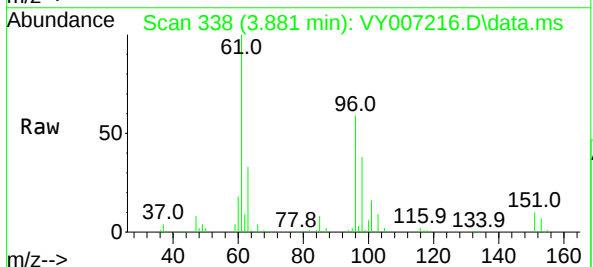
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

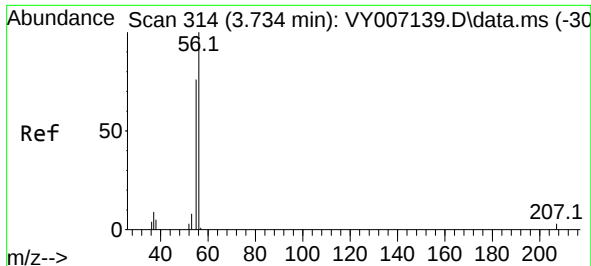
Tgt Ion: 59 Resp: 31088
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 46.792 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 96 Resp: 62910
Ion Ratio Lower Upper
96 100
61 168.6 131.9 197.9
98 63.4 52.7 79.1

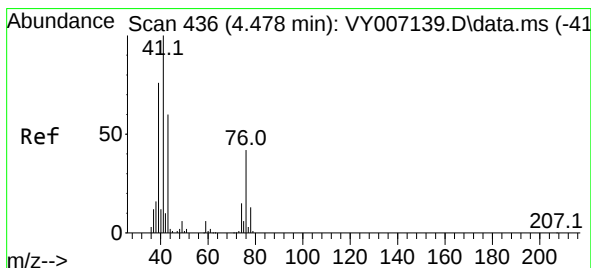
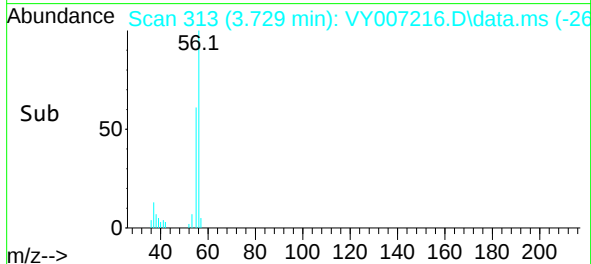
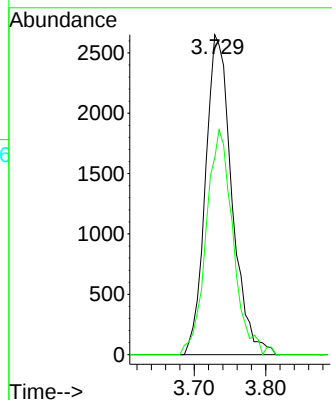
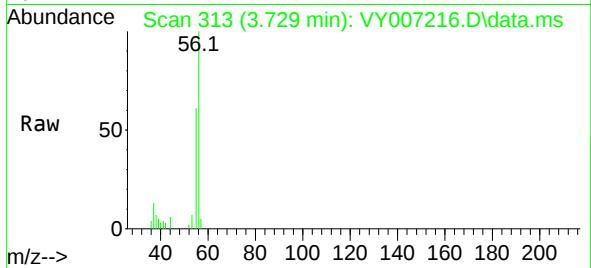




#13
Acrolein
Concen: 226.199 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.005 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

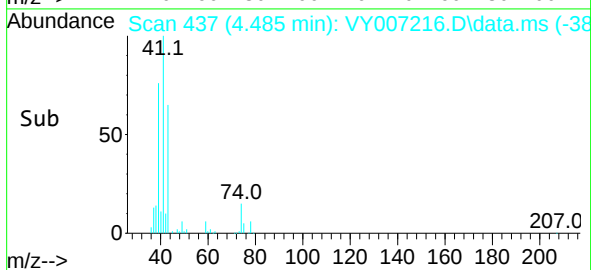
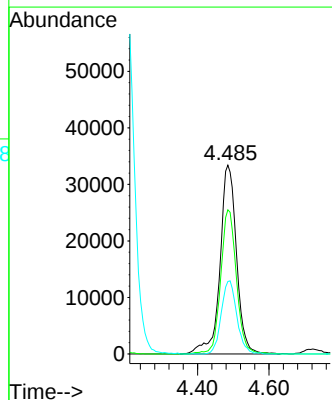
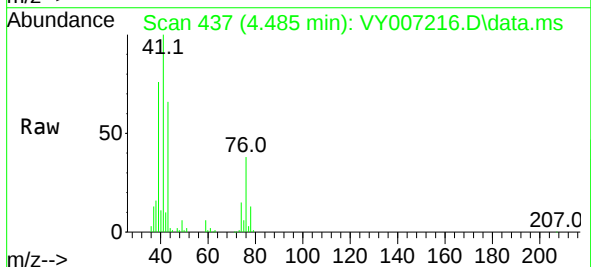
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

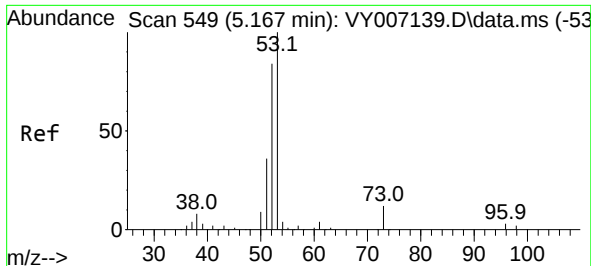
Tgt Ion: 56 Resp: 6802
Ion Ratio Lower Upper
56 100
55 71.5 55.7 83.5



#14
Allyl chloride
Concen: 49.761 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 41 Resp: 107273
Ion Ratio Lower Upper
41 100
39 72.7 56.1 84.1
76 36.5 31.4 47.2

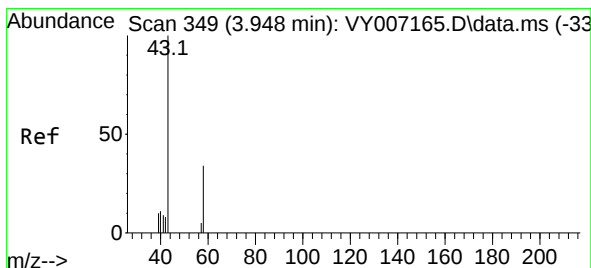
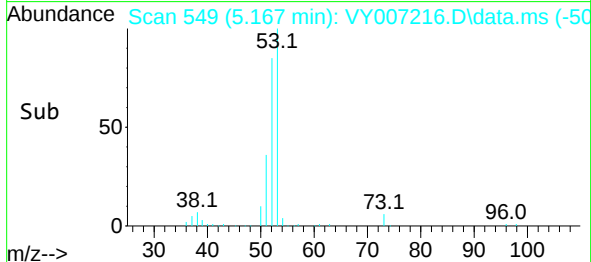
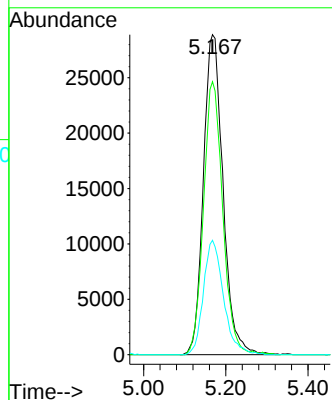
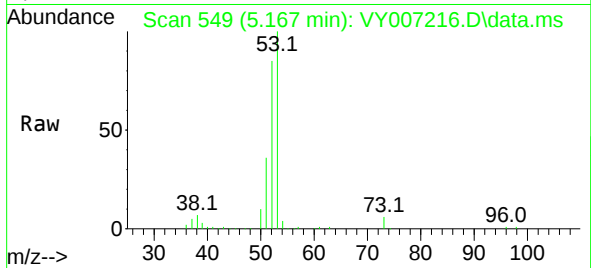




#15
Acrylonitrile
Concen: 263.831 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

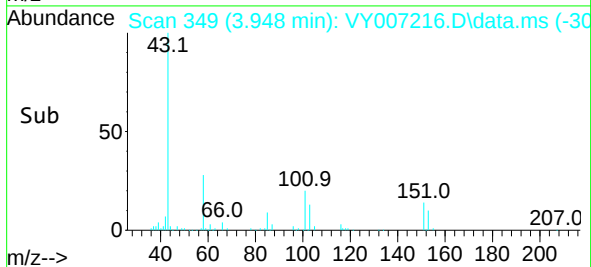
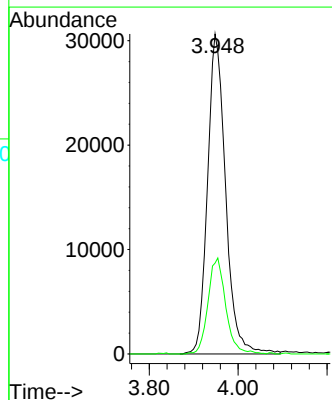
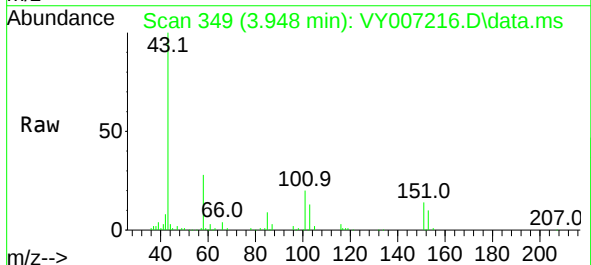
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 95685
Ion Ratio Lower Upper
53 100
52 83.8 65.4 98.2
51 36.7 29.4 44.2



#16
Acetone
Concen: 229.406 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 43 Resp: 86797
Ion Ratio Lower Upper
43 100
58 28.4 23.8 35.6

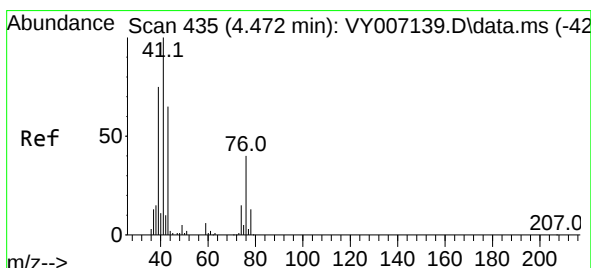
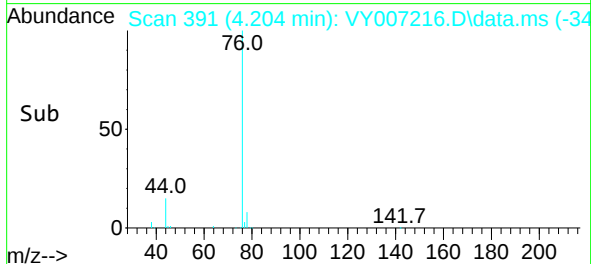
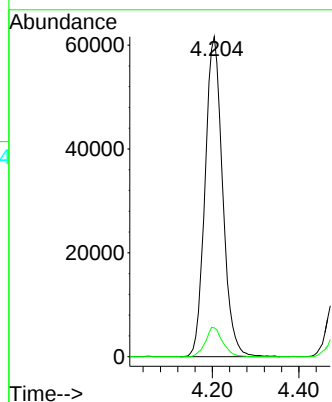
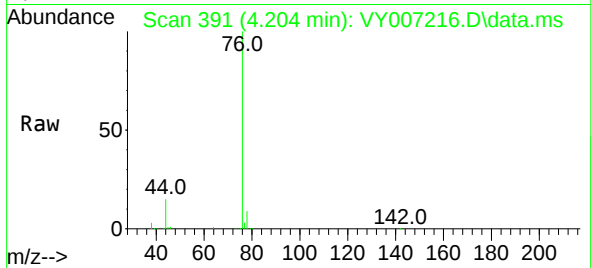




#17
Carbon Disulfide
Concen: 46.439 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

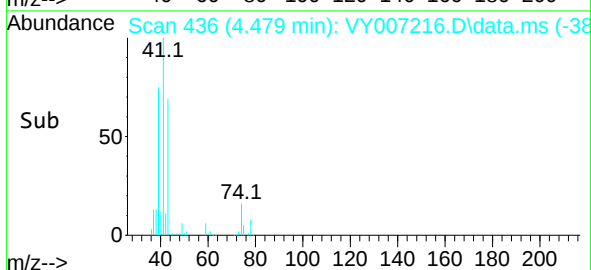
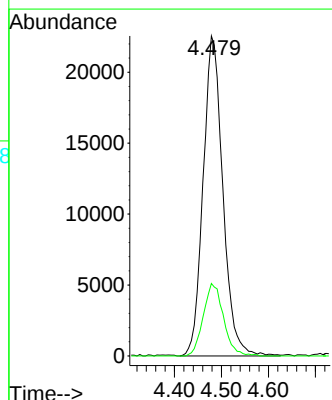
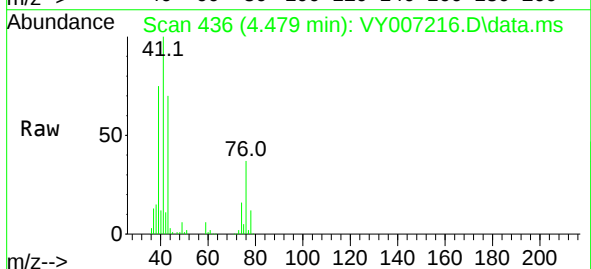
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 173386
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 48.905 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 43 Resp: 65839
Ion Ratio Lower Upper
43 100
74 23.2 20.9 31.3

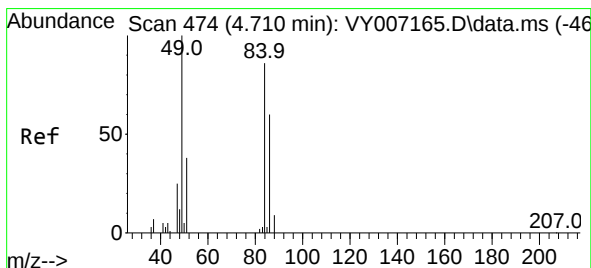
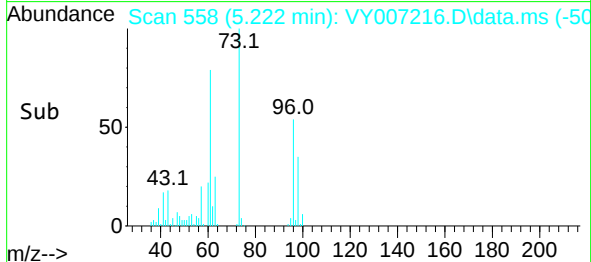
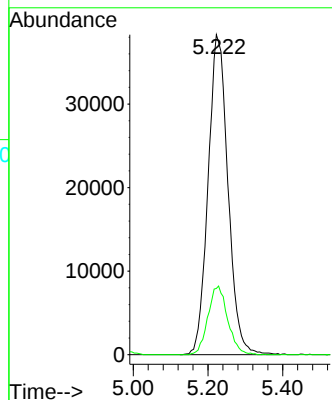
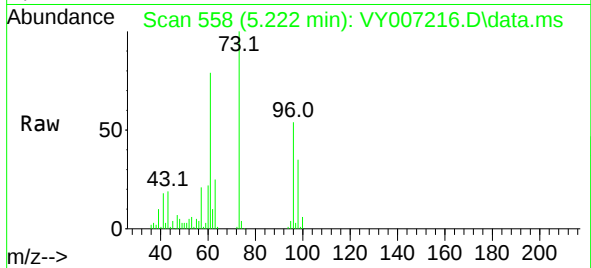




#19
Methyl tert-butyl Ether
Concen: 53.407 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

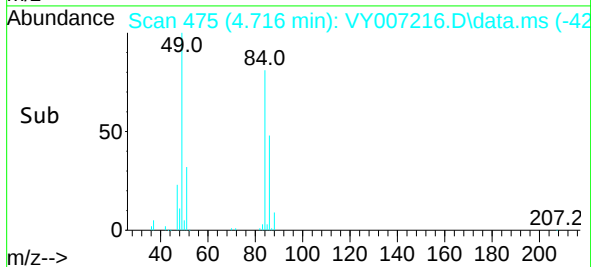
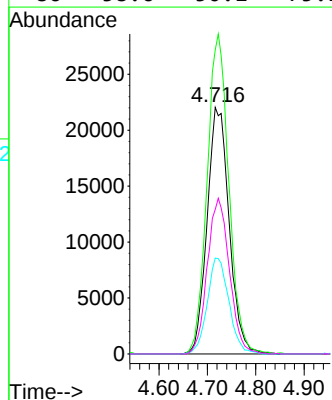
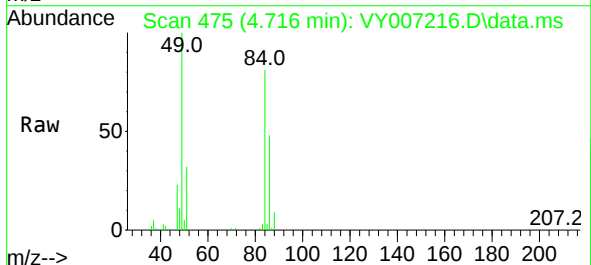
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

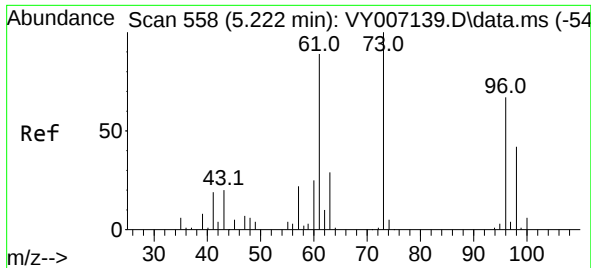
Tgt Ion: 73 Resp: 141361
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2



#20
Methylene Chloride
Concen: 44.688 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 84 Resp: 69915
Ion Ratio Lower Upper
84 100
49 123.3 92.6 139.0
51 38.9 28.6 42.8
86 58.6 50.1 75.1

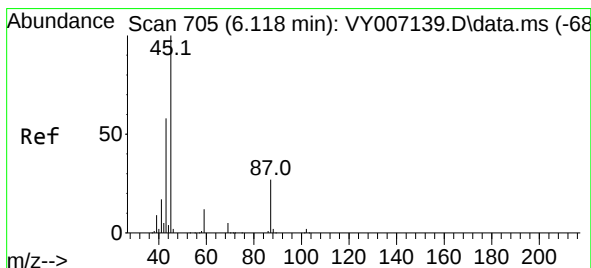
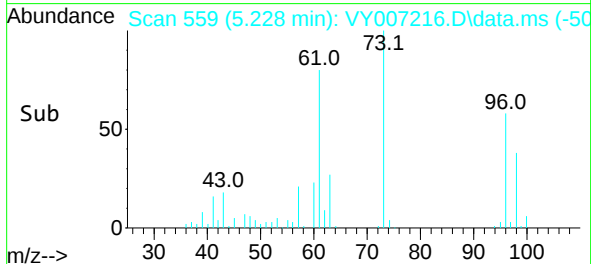
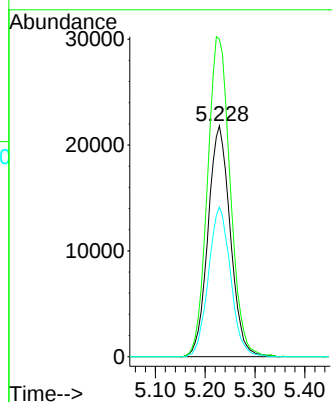
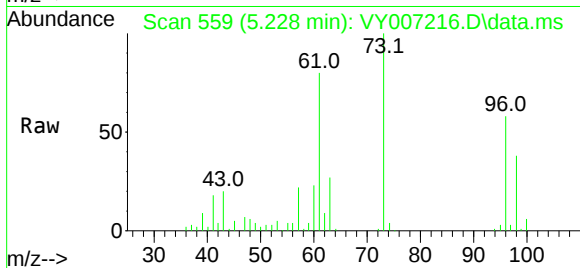




#21
trans-1,2-Dichloroethene
Concen: 46.449 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

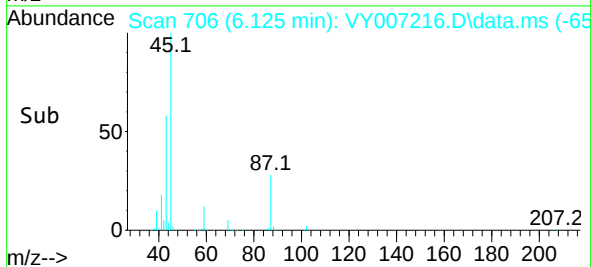
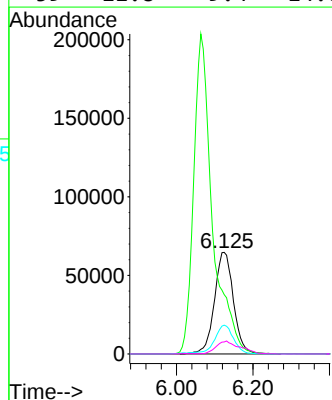
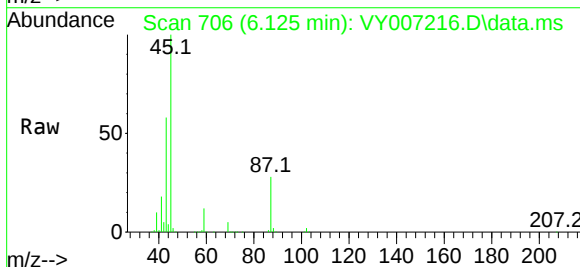
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

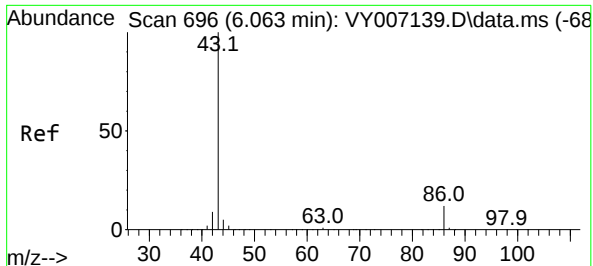
Tgt Ion: 96 Resp: 67703
Ion Ratio Lower Upper
96 100
61 137.5 107.3 160.9
98 64.7 52.4 78.6



#22
Diisopropyl ether
Concen: 51.219 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 45 Resp: 223692
Ion Ratio Lower Upper
45 100
43 58.2 45.6 68.4
87 28.3 22.2 33.2
59 11.8 9.4 14.0

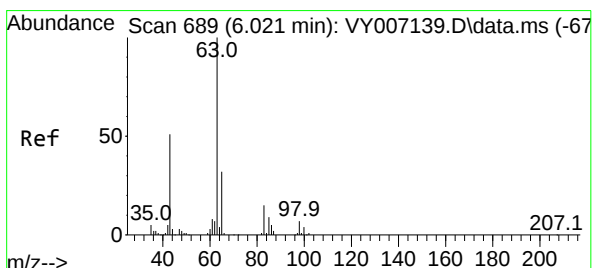
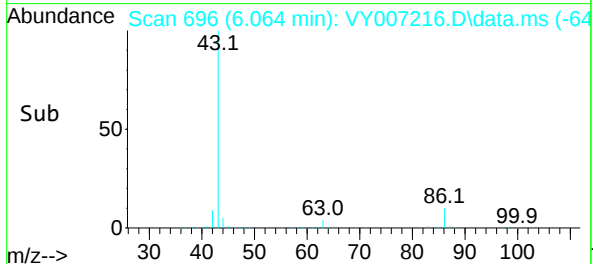
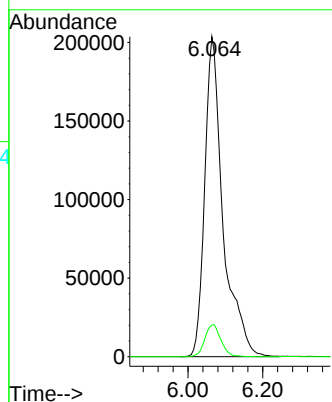
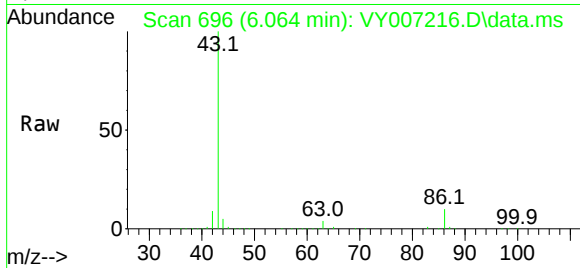




#23
 Vinyl Acetate
 Concen: 269.616 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

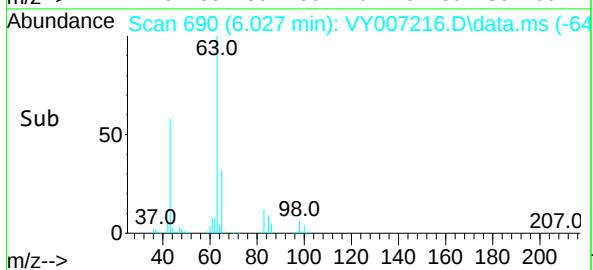
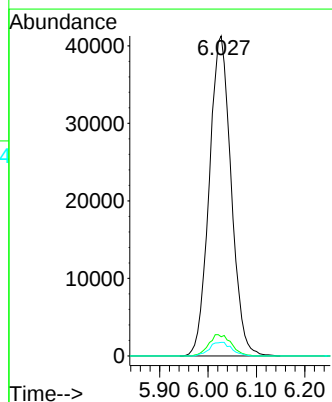
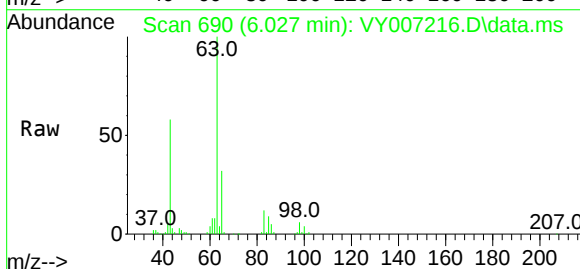
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 692474
 Ion Ratio Lower Upper
 43 100
 86 9.8 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 48.807 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

Tgt Ion: 63 Resp: 129665
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.6
 100 4.2 2.1 6.2

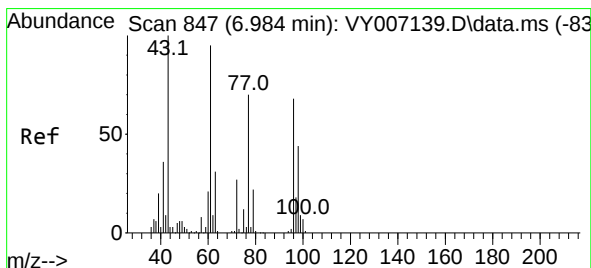
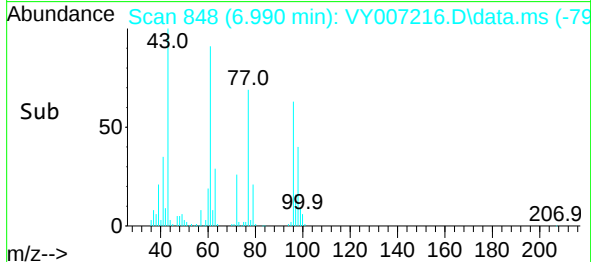
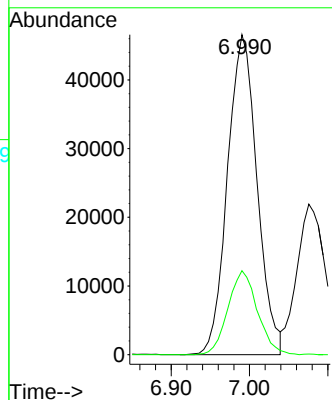
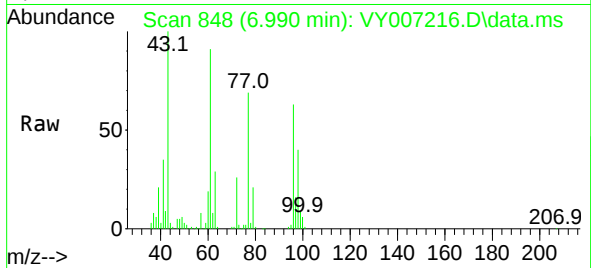




#25
2-Butanone
Concen: 250.243 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

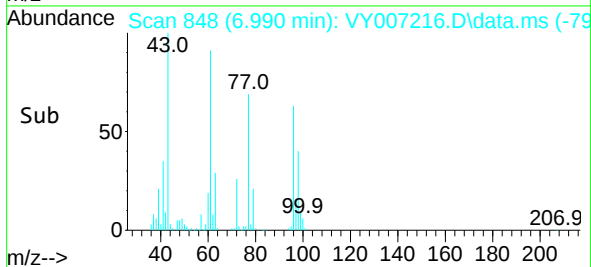
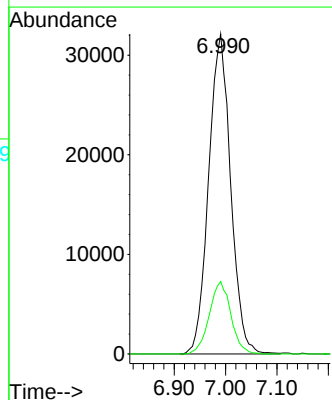
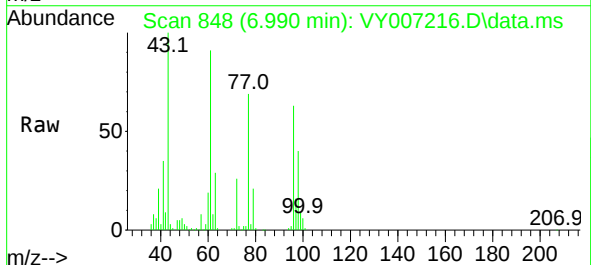
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 122413
Ion Ratio Lower Upper
43 100
72 26.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 49.276 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 77 Resp: 95406
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8

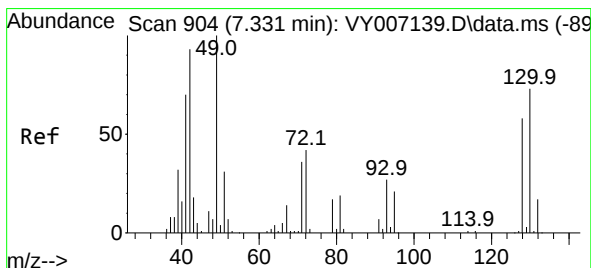
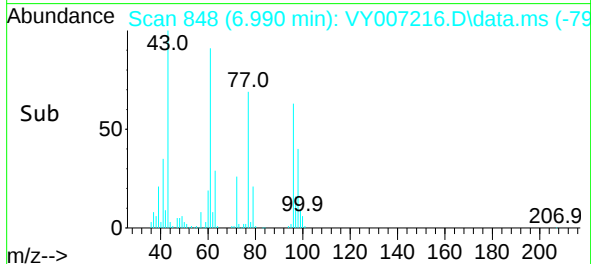
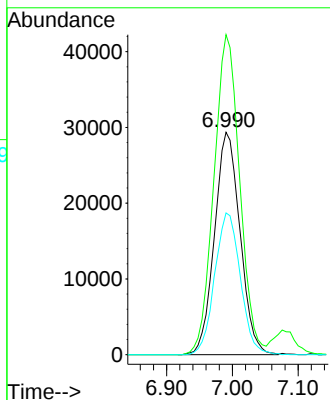
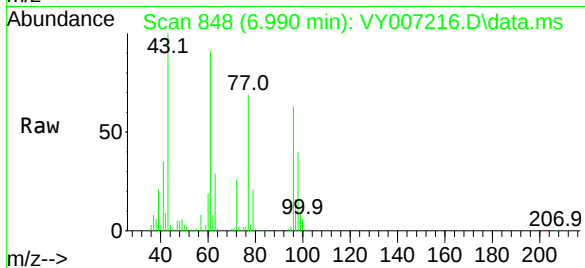




#27
 cis-1,2-Dichloroethene
 Concen: 48.054 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

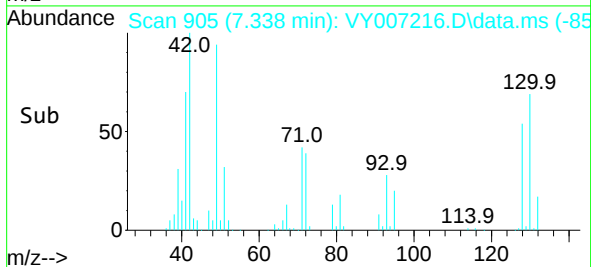
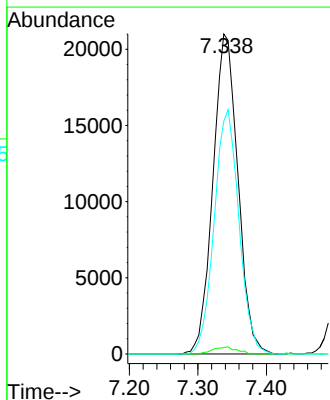
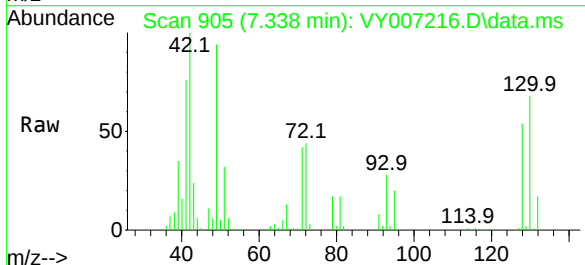
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

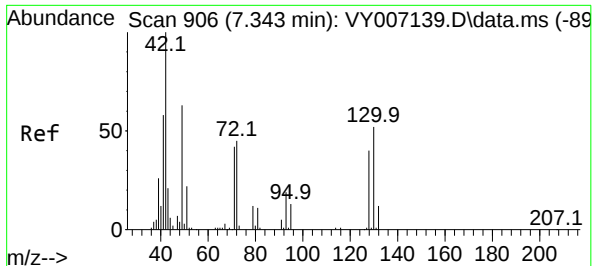
Tgt Ion: 96 Resp: 79453
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 276.8
 98 64.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 55.239 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

Tgt Ion: 49 Resp: 53084
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 75.6 65.0 97.4





#29

Tetrahydrofuran

Concen: 263.018 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

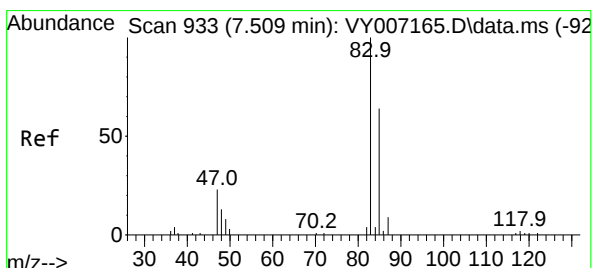
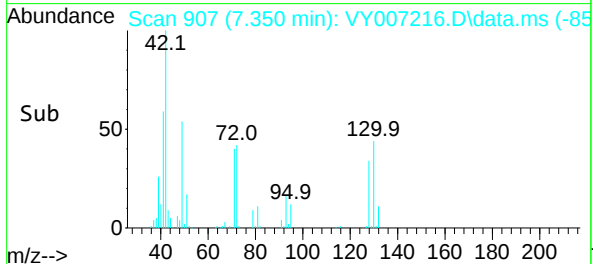
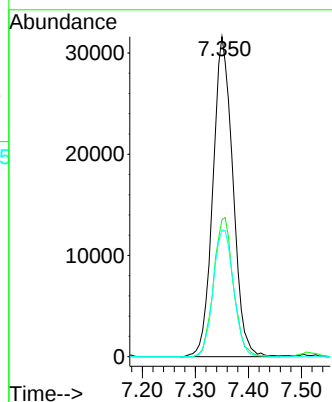
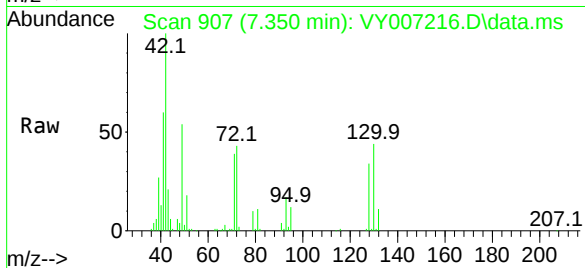
Tgt Ion: 42 Resp: 82707

Ion Ratio Lower Upper

42 100

72 42.9 36.6 54.8

71 40.5 34.1 51.1



#30

Chloroform

Concen: 49.522 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.007 min

Lab File: VY007216.D

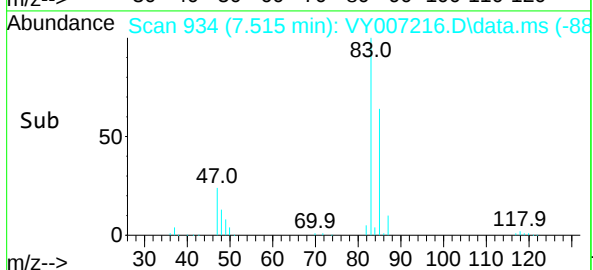
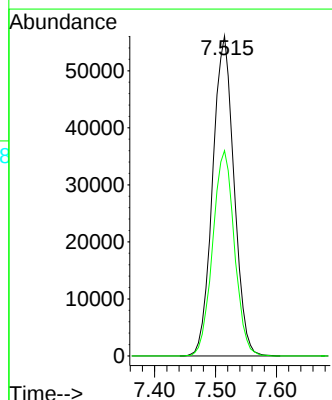
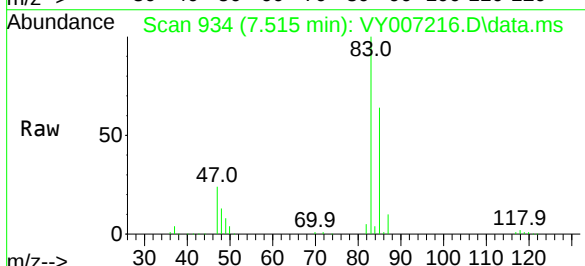
Acq: 19 Jan 2022 10:49

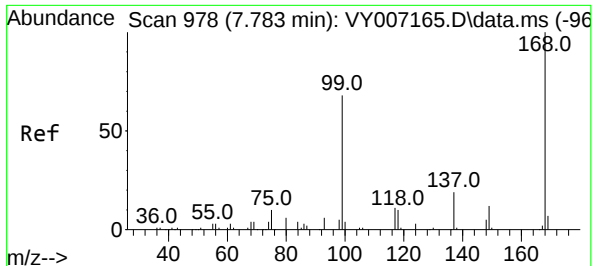
Tgt Ion: 83 Resp: 136698

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3





#31

Cyclohexane

Concen: 45.193 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

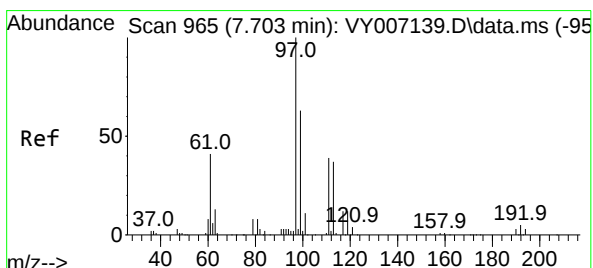
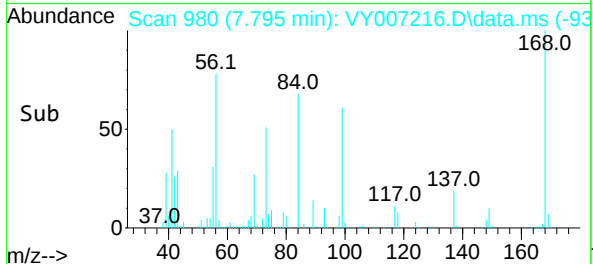
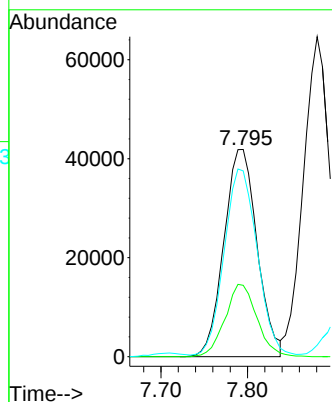
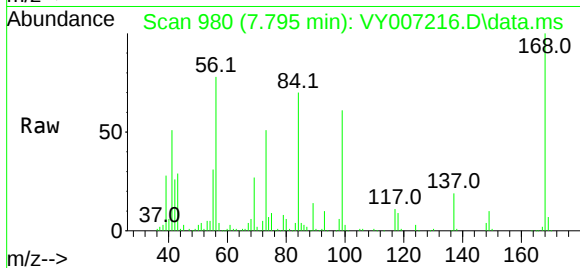
Tgt Ion: 56 Resp: 111387

Ion Ratio Lower Upper

56 100

69 34.4 27.2 40.8

84 88.4 72.1 108.1



#32

1,1,1-Trichloroethane

Concen: 49.370 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

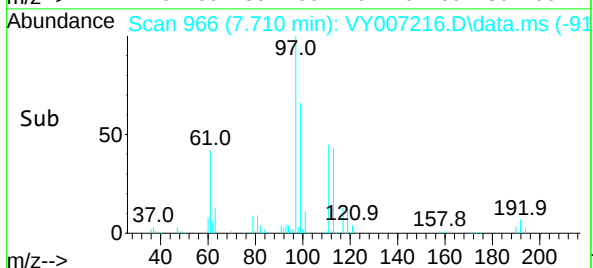
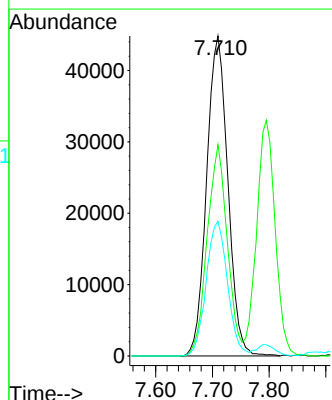
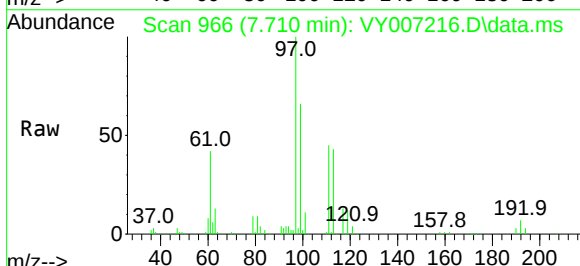
Tgt Ion: 97 Resp: 116482

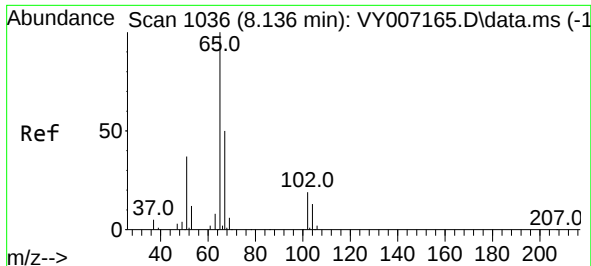
Ion Ratio Lower Upper

97 100

99 62.7 51.1 76.7

61 42.3 32.2 48.2

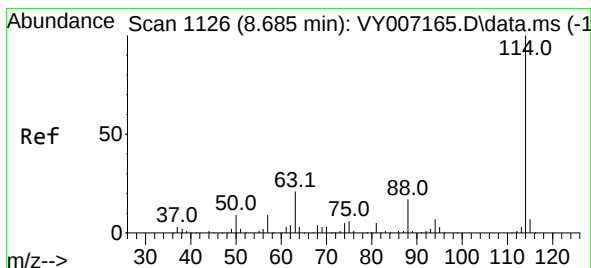
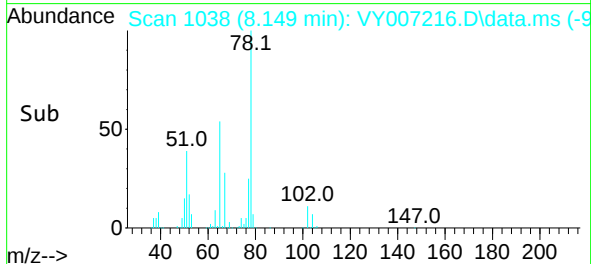
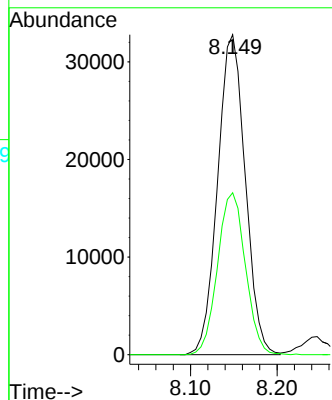
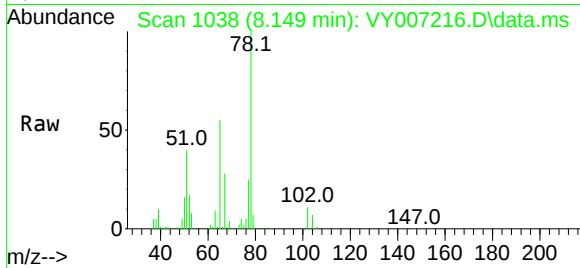




#33
 1,2-Dichloroethane-d4
 Concen: 49.797 ug/l
 RT: 8.149 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

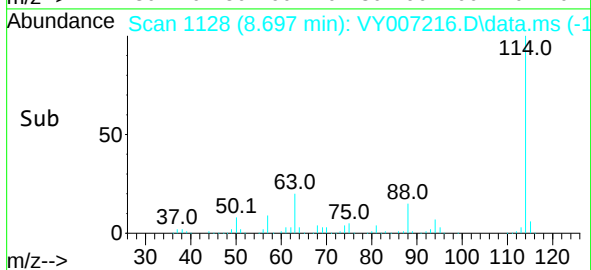
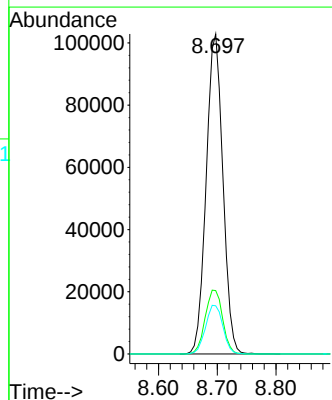
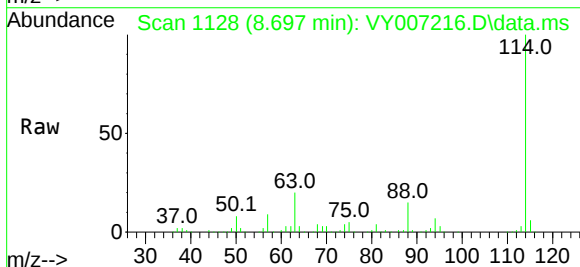
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

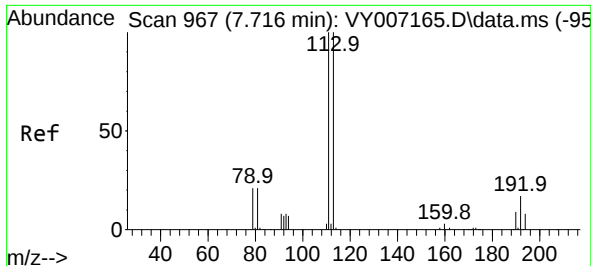
Tgt Ion: 65 Resp: 72598
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

Tgt Ion: 114 Resp: 202725
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.1 0.0 31.0

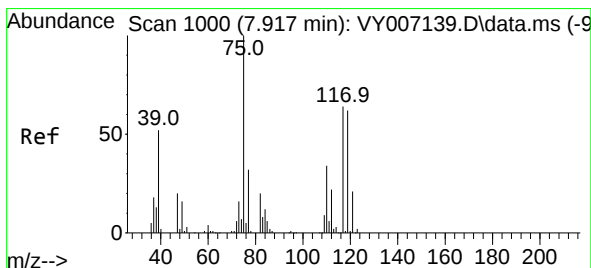
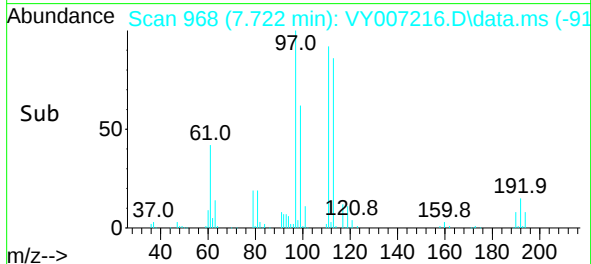
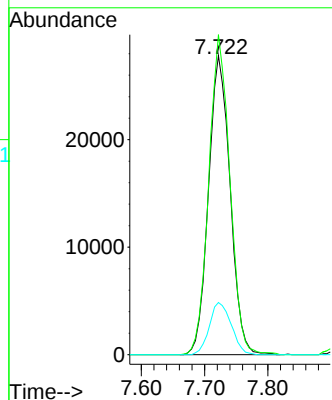
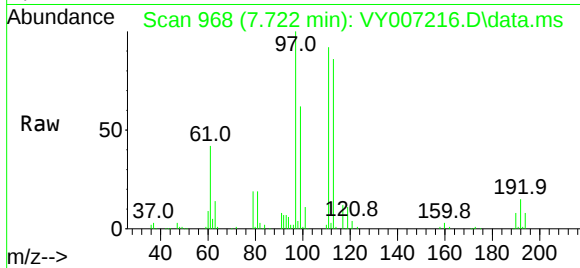




#35
 Dibromofluoromethane
 Concen: 48.122 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

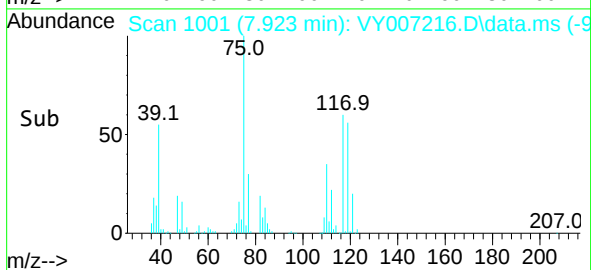
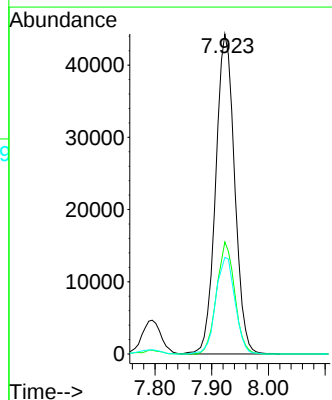
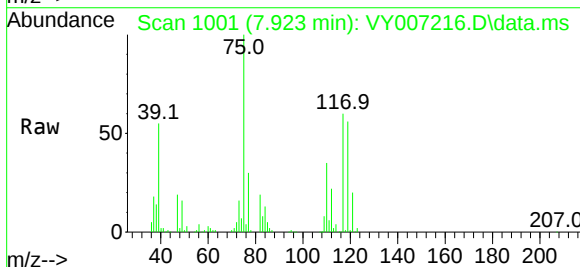
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

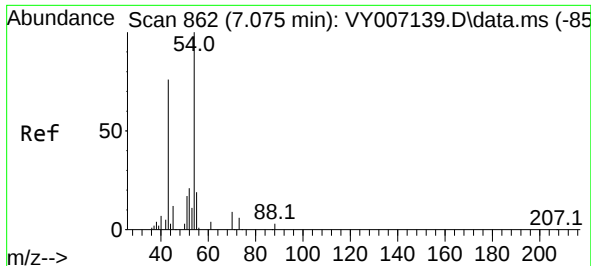
Tgt Ion:113 Resp: 65966
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.2 123.4
 192 17.7 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 46.959 ug/l
 RT: 7.923 min Scan# 1001
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

Tgt Ion: 75 Resp: 102809
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.3 51.9
 77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 51.247 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

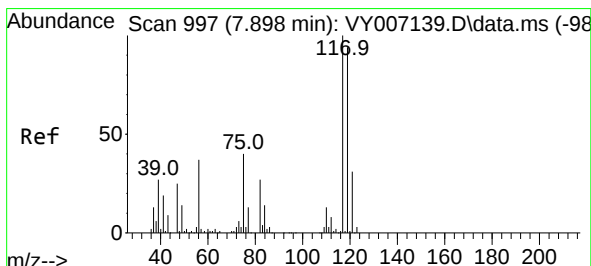
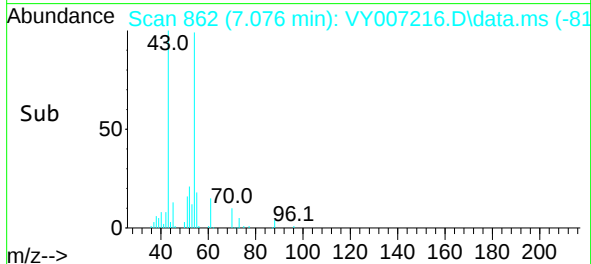
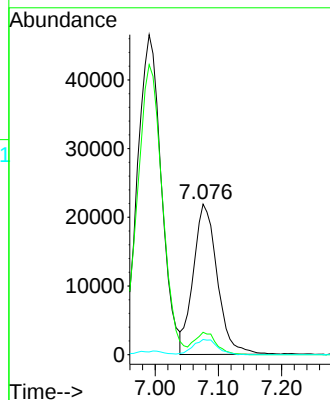
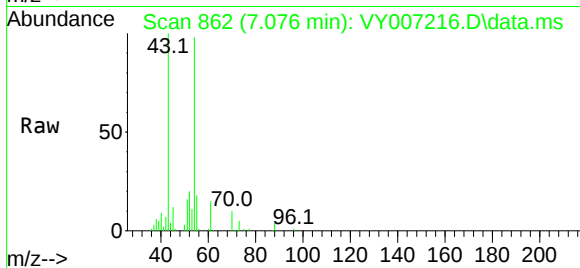
Tgt Ion: 43 Resp: 57579

Ion Ratio Lower Upper

43 100

61 13.4 11.8 17.8

70 10.2 9.0 13.4



#38

Carbon Tetrachloride

Concen: 47.301 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

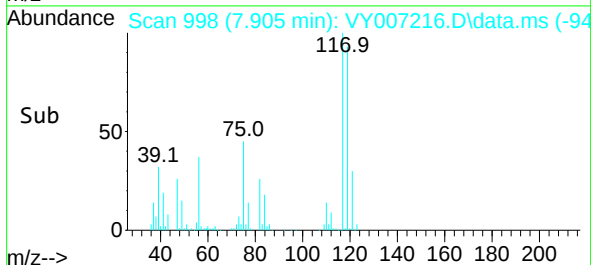
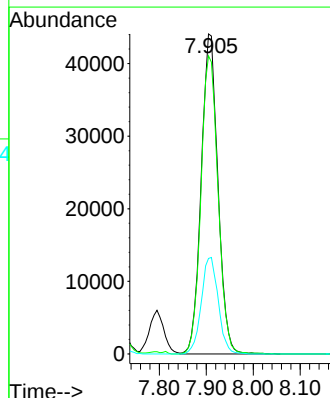
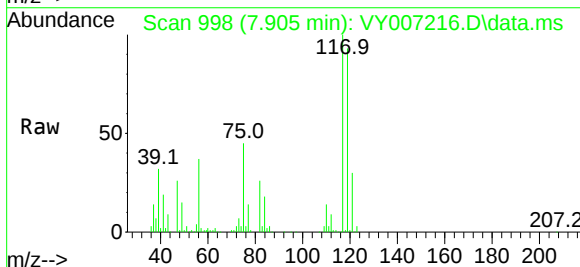
Tgt Ion: 117 Resp: 108926

Ion Ratio Lower Upper

117 100

119 93.1 77.2 115.8

121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 45.698 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

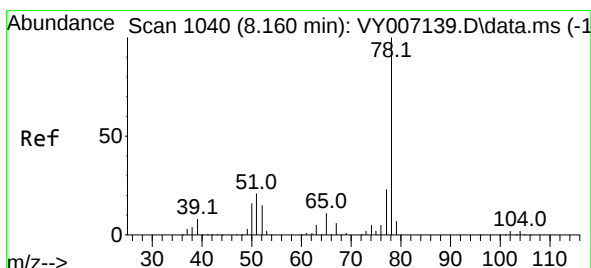
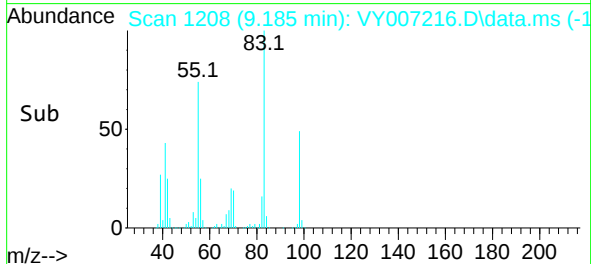
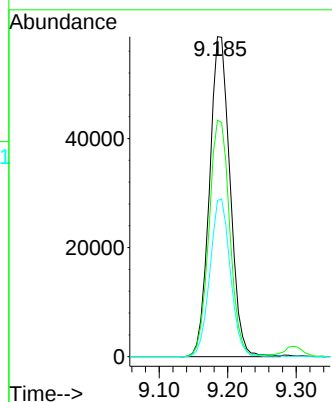
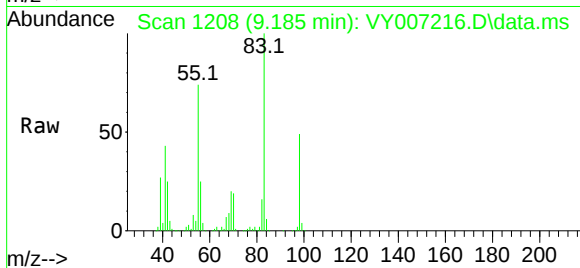
Tgt Ion: 83 Resp: 122156

Ion Ratio Lower Upper

83 100

55 73.9 58.8 88.2

98 48.8 38.7 58.1



#40

Benzene

Concen: 47.224 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VY007216.D

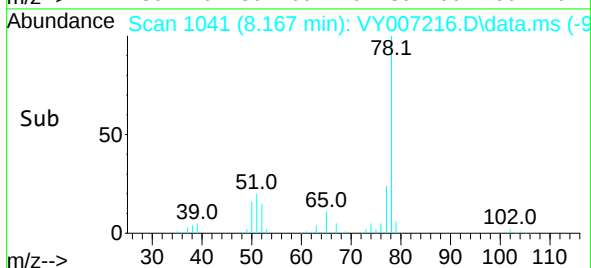
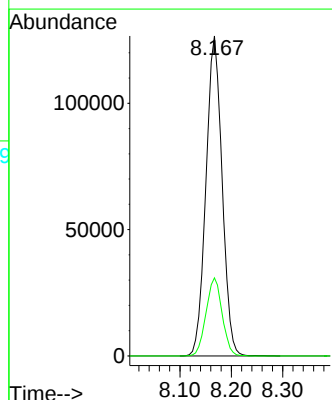
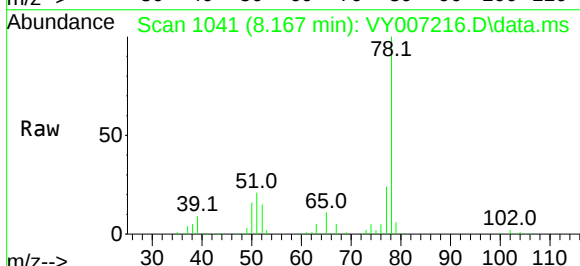
Acq: 19 Jan 2022 10:49

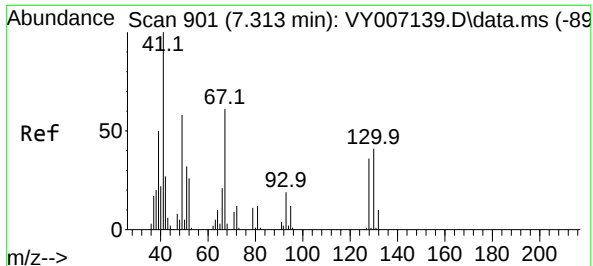
Tgt Ion: 78 Resp: 275789

Ion Ratio Lower Upper

78 100

77 24.4 18.6 27.8

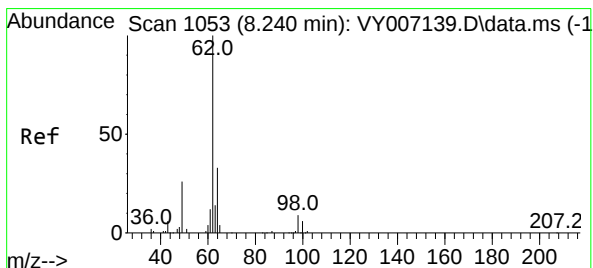
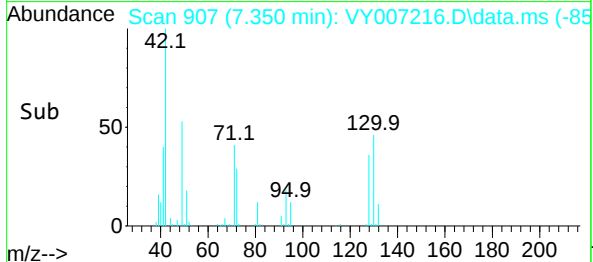
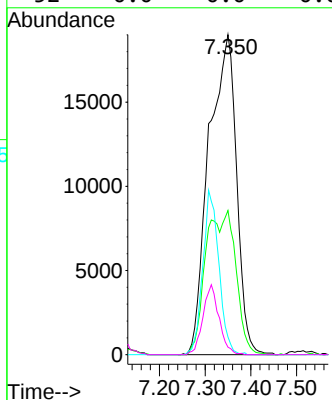
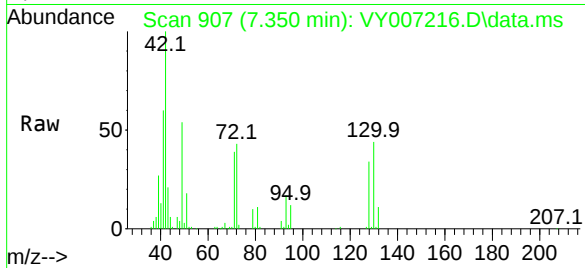




#41
Methacrylonitrile
Concen: 123.338 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

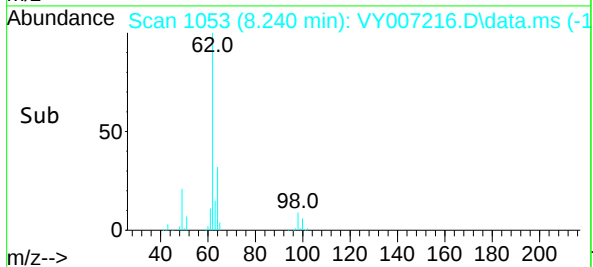
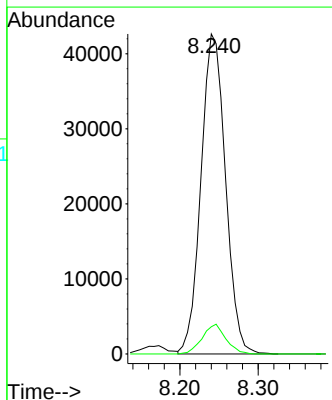
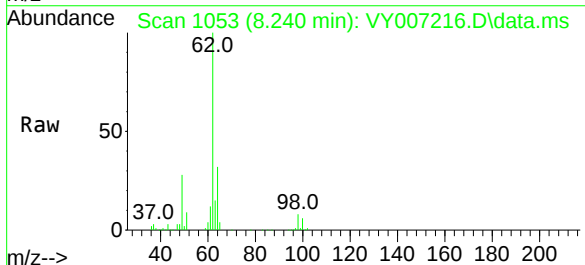
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	79802
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.398 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:	62	Resp:	92683
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2

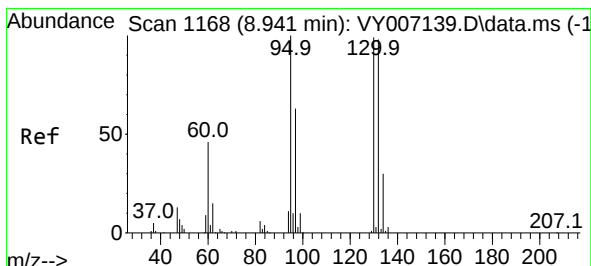
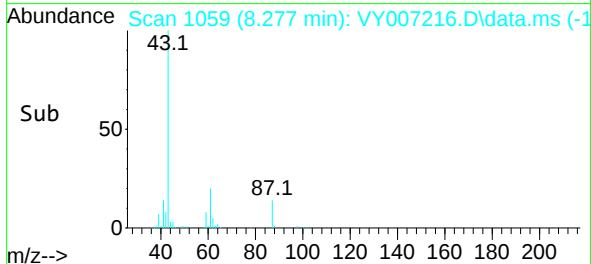
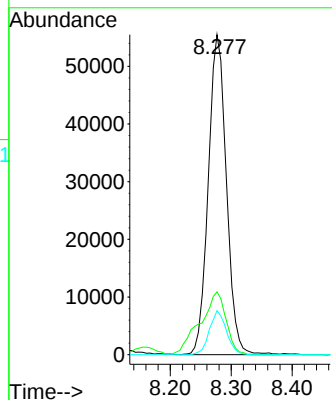
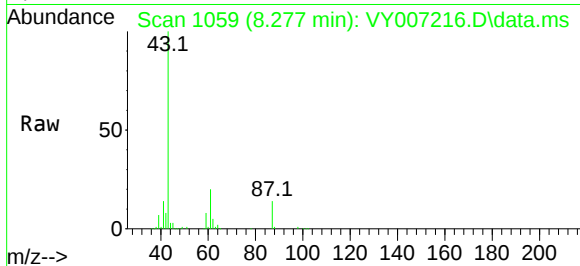




#43
Isopropyl Acetate
Concen: 52.576 ug/l
RT: 8.277 min Scan# 11059
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

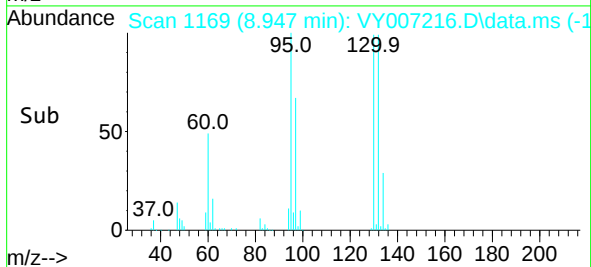
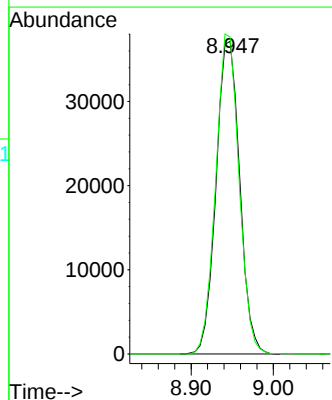
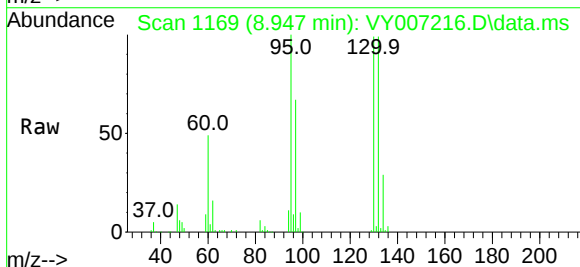
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 114942
Ion Ratio Lower Upper
43 100
61 28.1 23.8 35.8
87 12.9 11.6 17.4



#44
Trichloroethene
Concen: 47.016 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:130 Resp: 74300
Ion Ratio Lower Upper
130 100
95 101.4 0.0 196.6





#45

1,2-Dichloropropane

Concen: 48.713 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

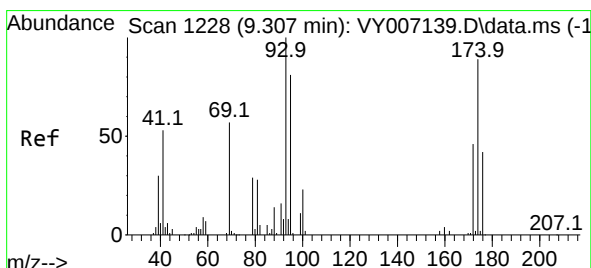
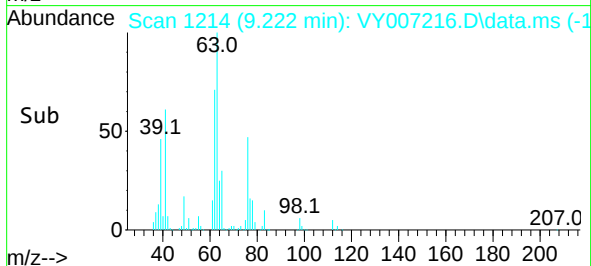
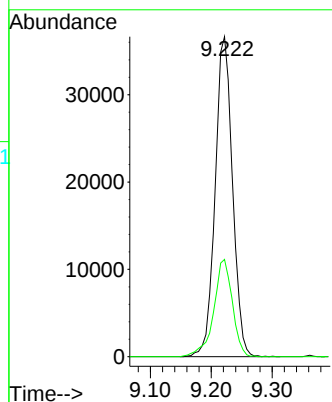
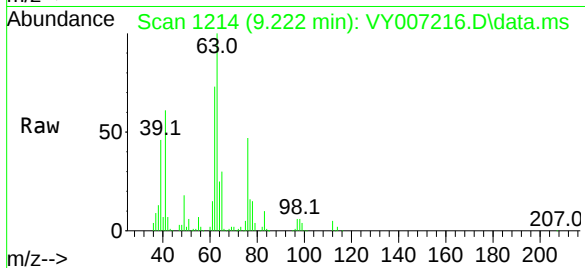
VSTDCCC050

Tgt Ion: 63 Resp: 72344

Ion Ratio Lower Upper

63 100

65 30.4 26.9 40.3



#46

Dibromomethane

Concen: 48.840 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

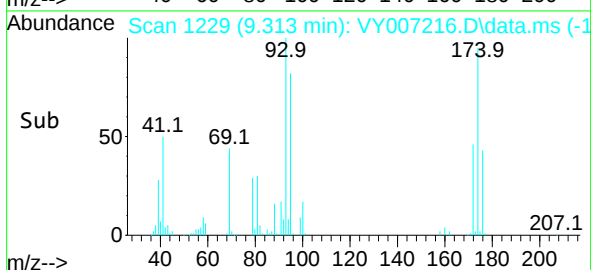
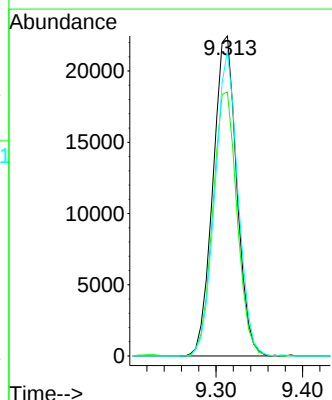
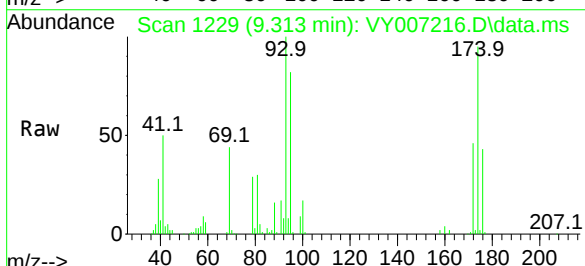
Tgt Ion: 93 Resp: 42892

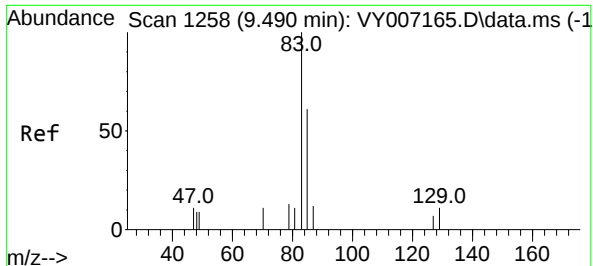
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

174 92.2 75.4 113.0

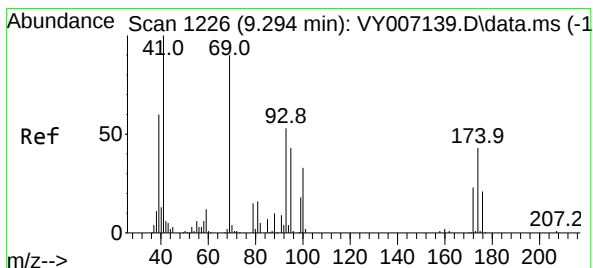
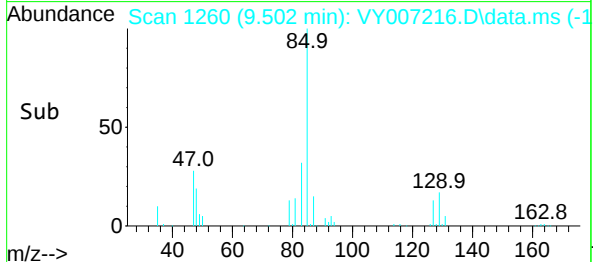
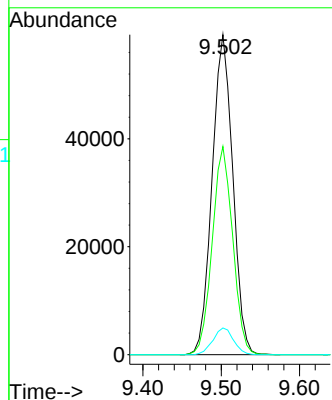
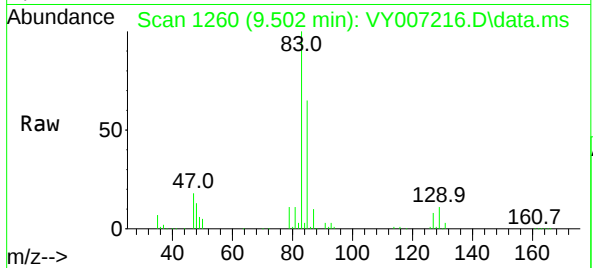




#47
Bromodichloromethane
Concen: 50.312 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

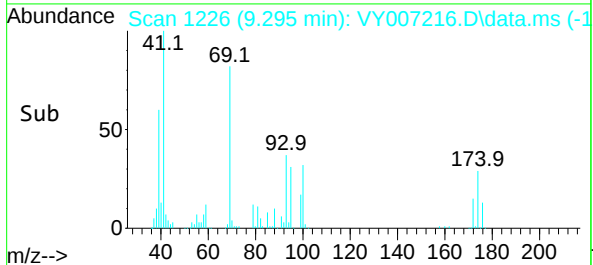
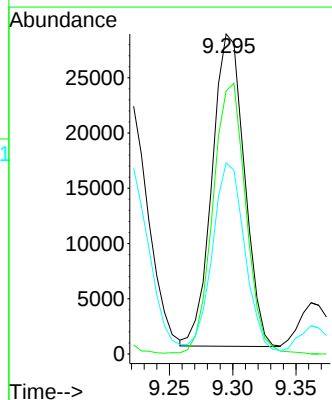
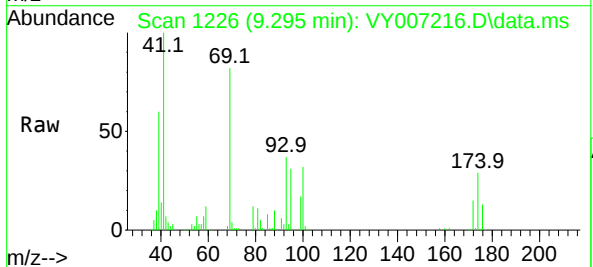
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 108622
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 50.485 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 41 Resp: 50202
Ion Ratio Lower Upper
41 100
69 88.3 70.5 105.7
39 59.7 43.8 65.8





#49

1,4-Dioxane

Concen: 1072.017 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

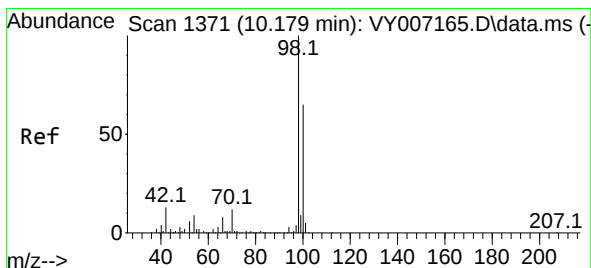
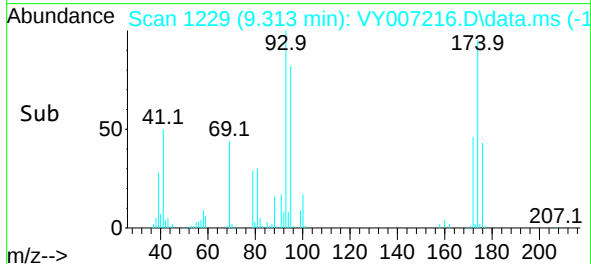
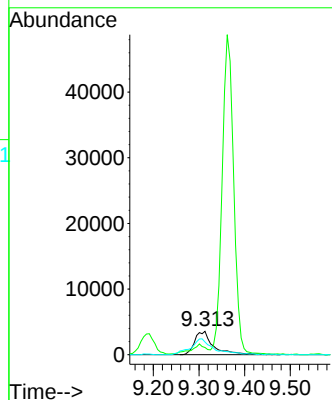
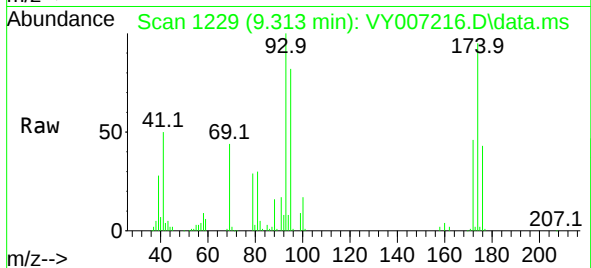
Tgt Ion: 88 Resp: 10151

Ion Ratio Lower Upper

88 100

43 37.0 22.0 33.0#

58 80.7 58.6 87.8



#50

Toluene-d8

Concen: 47.922 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY007216.D

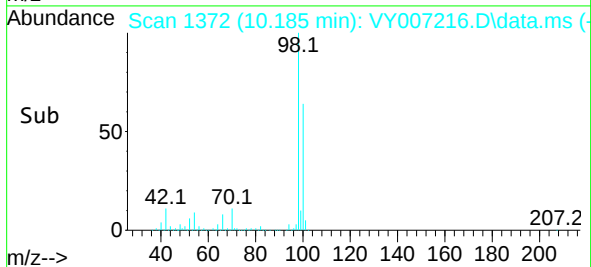
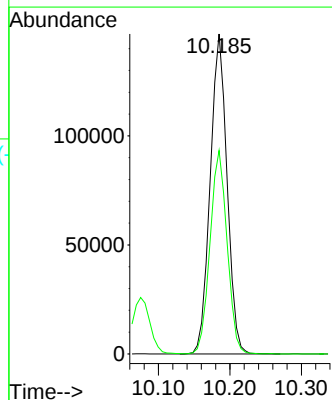
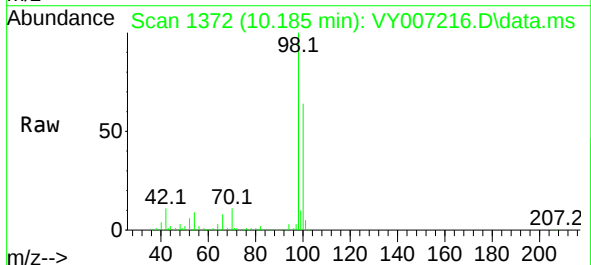
Acq: 19 Jan 2022 10:49

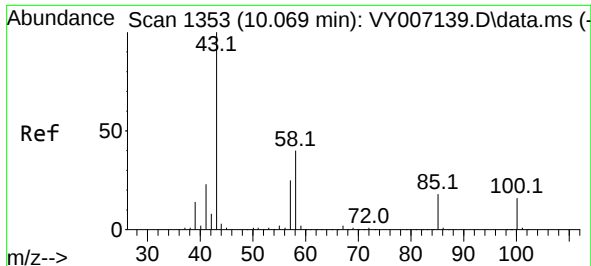
Tgt Ion: 98 Resp: 240032

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 261.317 ug/l

RT: 10.075 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

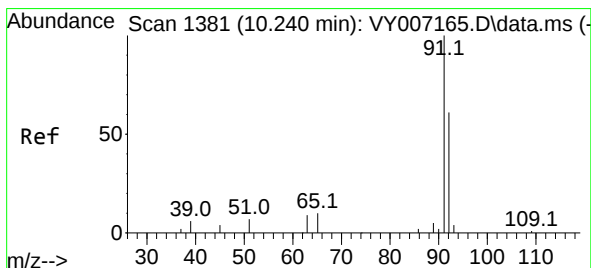
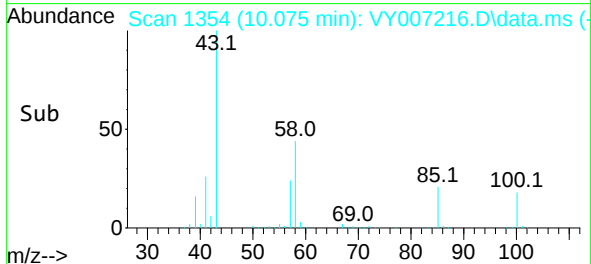
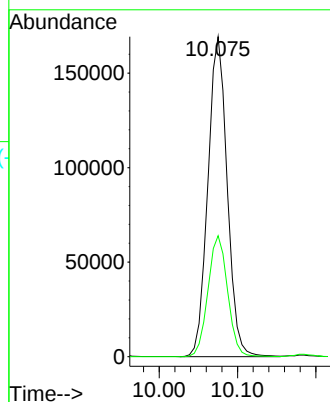
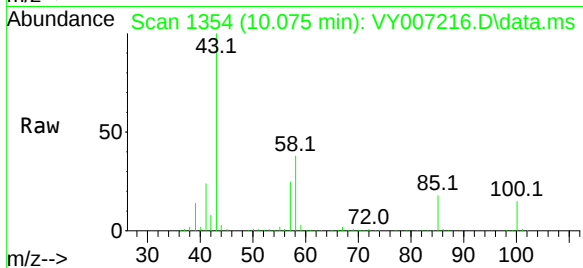
VSTDC050

Tgt Ion: 43 Resp: 289673

Ion Ratio Lower Upper

43 100

58 38.4 32.8 49.2



#52

Toluene

Concen: 48.562 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY007216.D

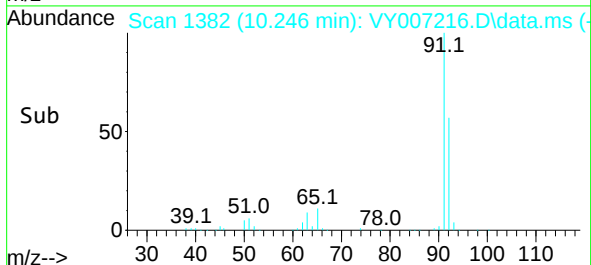
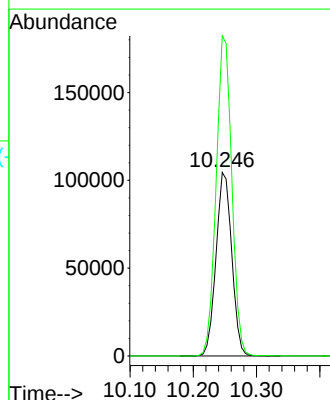
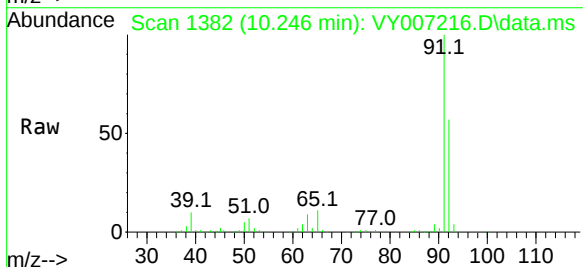
Acq: 19 Jan 2022 10:49

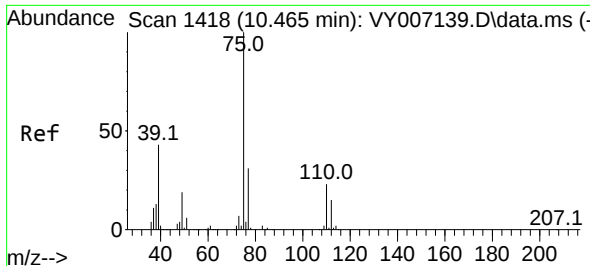
Tgt Ion: 92 Resp: 179766

Ion Ratio Lower Upper

92 100

91 173.3 138.6 207.8

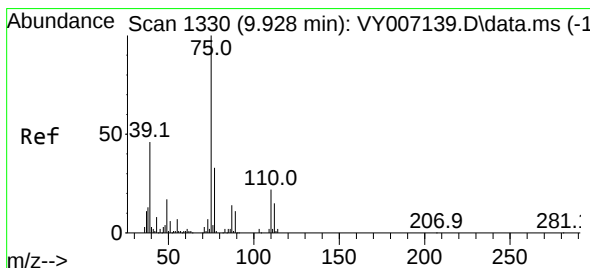
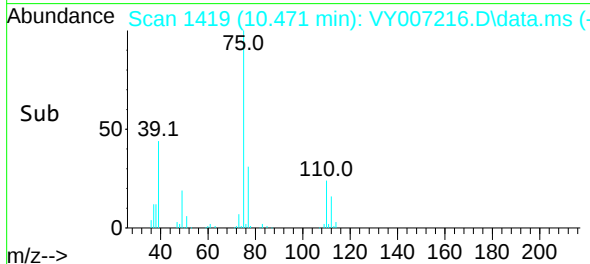
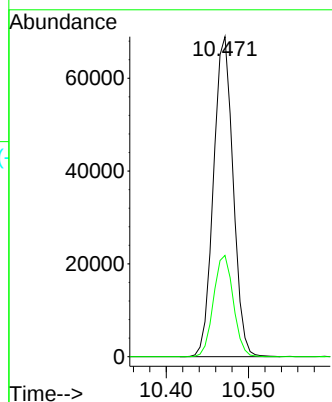
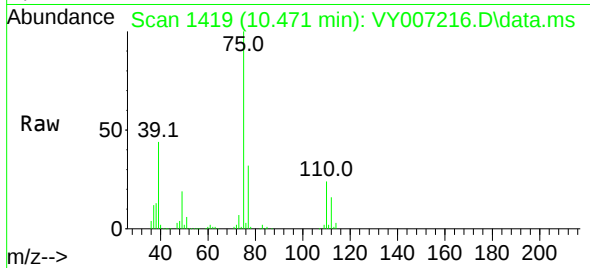




#53
t-1,3-Dichloropropene
Concen: 50.039 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

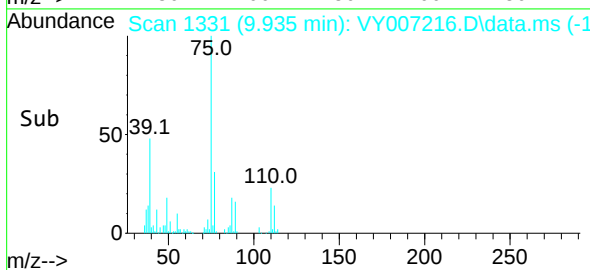
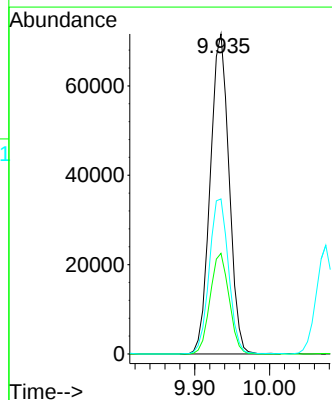
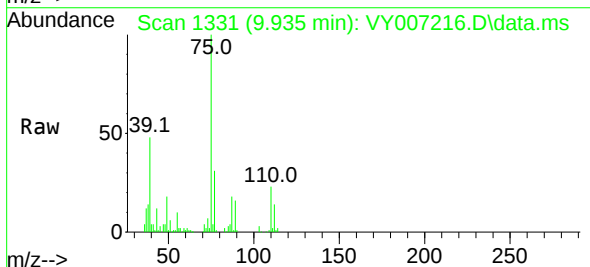
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

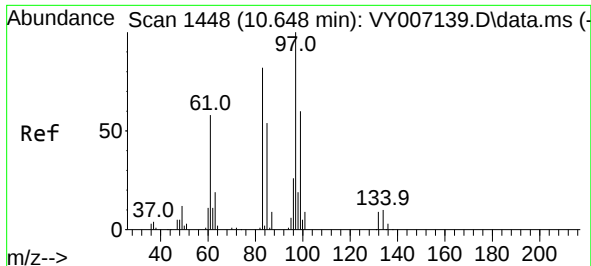
Tgt Ion: 75 Resp: 114041
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 49.009 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 75 Resp: 125027
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 48.4 36.1 54.1

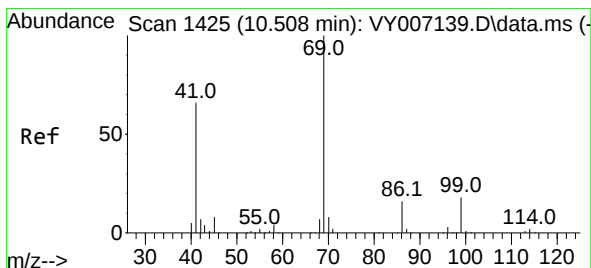
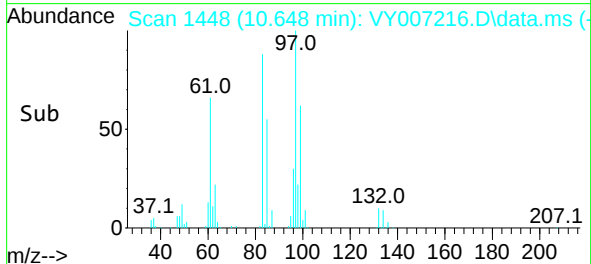
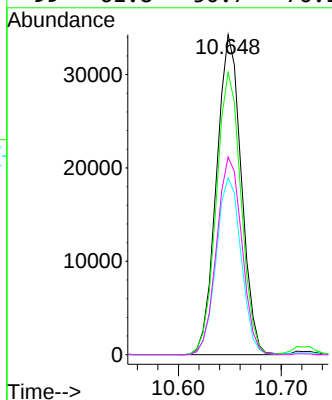
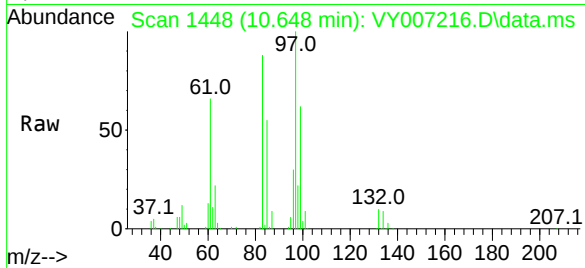




#55
1,1,2-Trichloroethane
Concen: 48.282 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

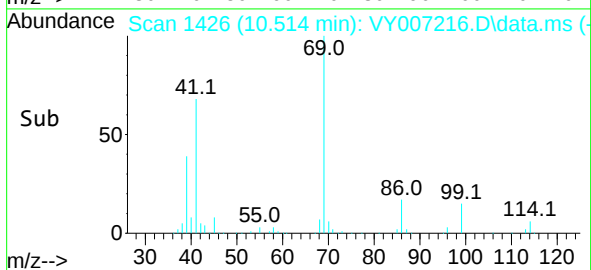
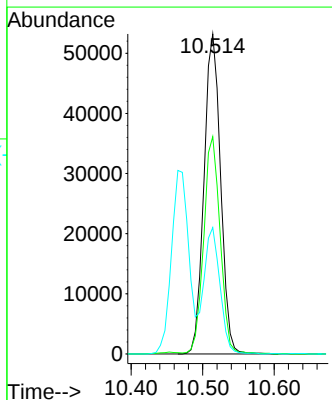
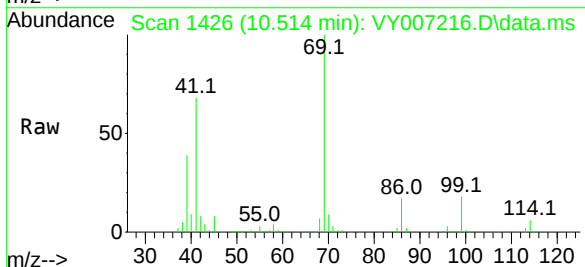
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

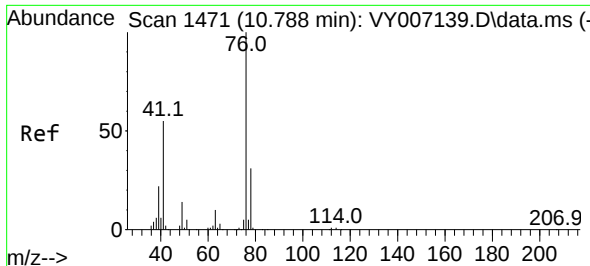
Tgt Ion:	97	Resp:	57514
Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.0	100.4
85	55.2	41.2	61.8
99	61.8	50.7	76.1



#56
Ethyl methacrylate
Concen: 51.032 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:	69	Resp:	85640
Ion	Ratio	Lower	Upper
69	100		
41	67.5	49.4	74.0
39	38.8	27.7	41.5





#57

1,3-Dichloropropane

Concen: 49.821 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

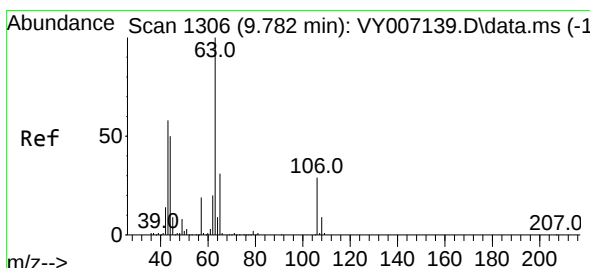
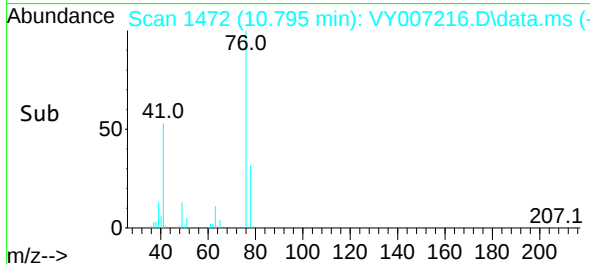
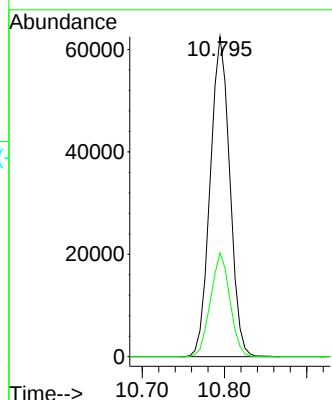
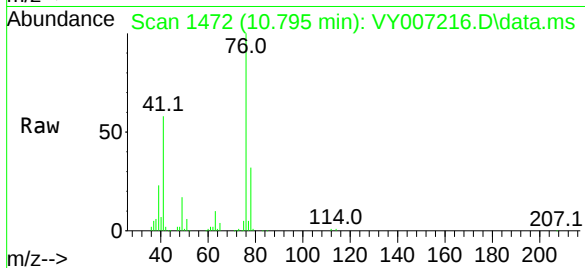
VSTDCCC050

Tgt Ion: 76 Resp: 103448

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 239.231 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY007216.D

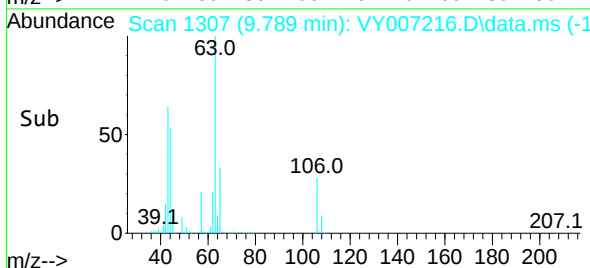
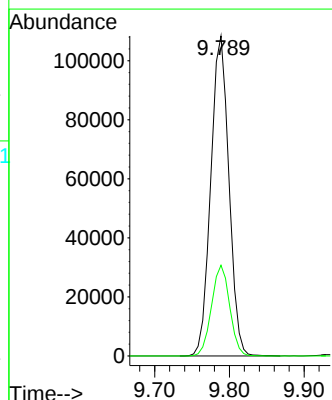
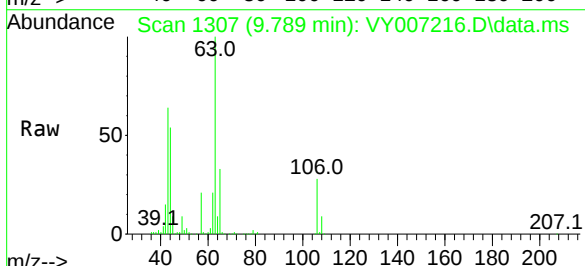
Acq: 19 Jan 2022 10:49

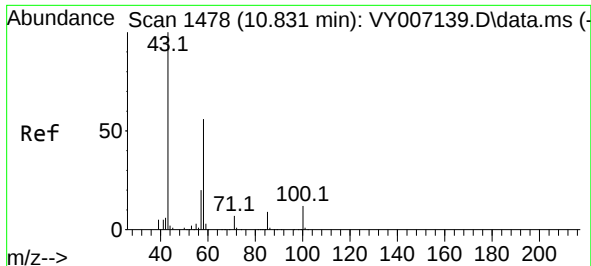
Tgt Ion: 63 Resp: 182555

Ion Ratio Lower Upper

63 100

106 28.3 23.3 34.9

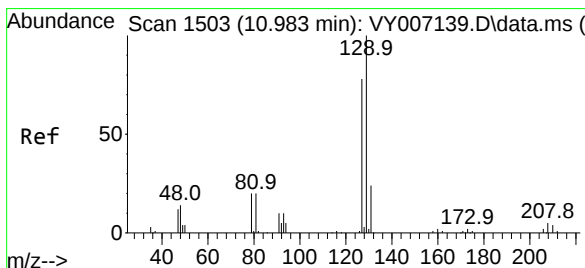
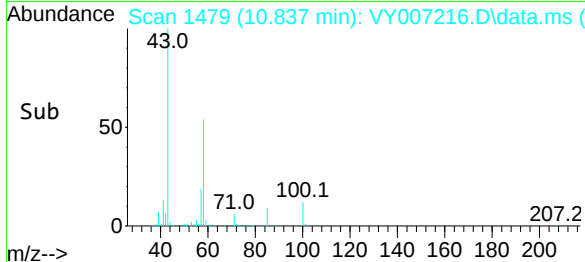
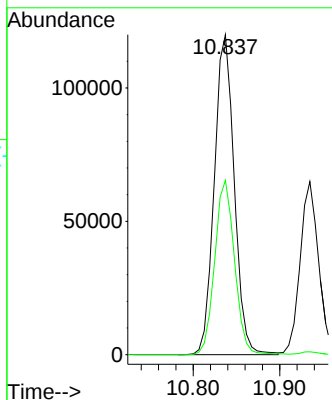
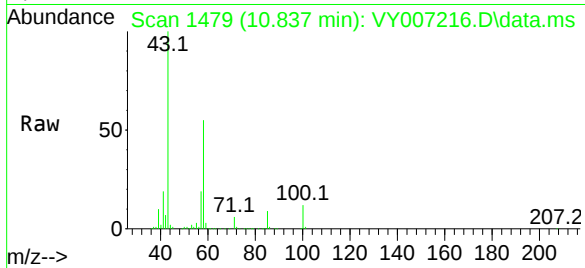




#59
2-Hexanone
Concen: 255.108 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

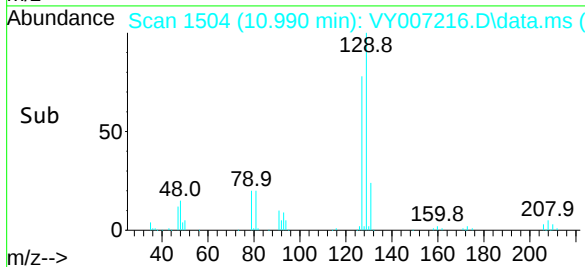
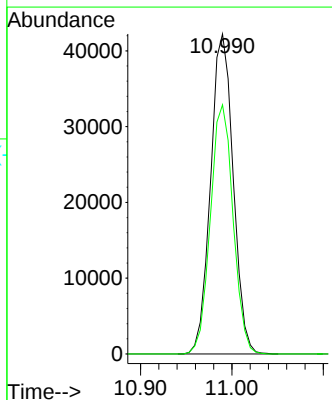
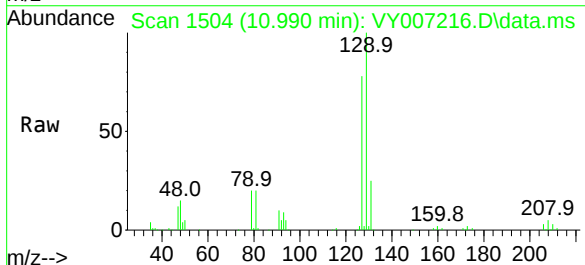
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

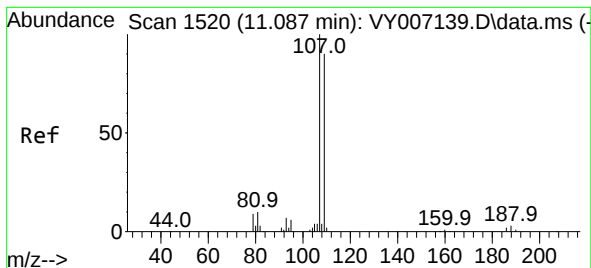
Tgt Ion: 43 Resp: 191918
Ion Ratio Lower Upper
43 100
58 54.1 28.4 85.3



#60
Dibromochloromethane
Concen: 49.517 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 129 Resp: 72511
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

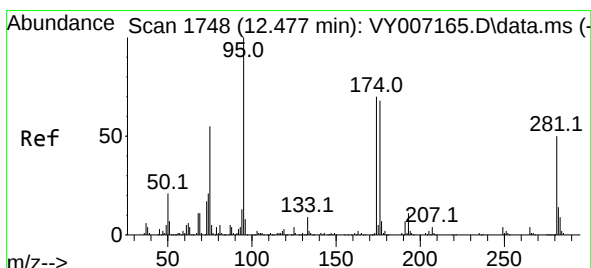
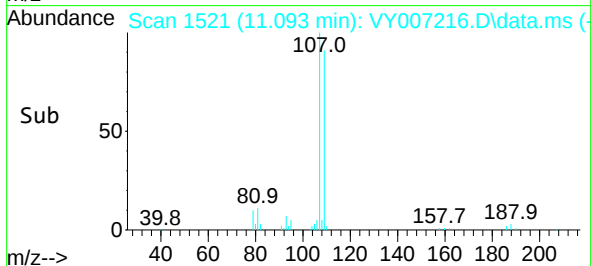
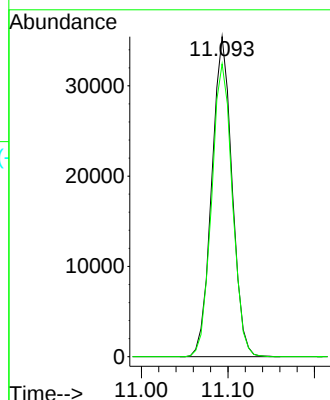
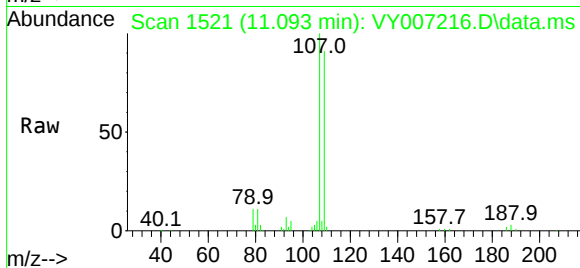




#61
1,2-Dibromoethane
Concen: 49.213 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

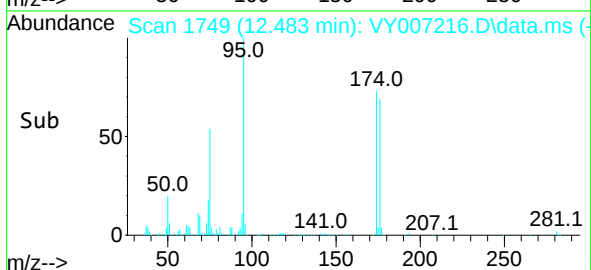
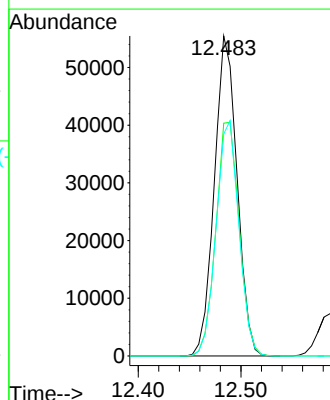
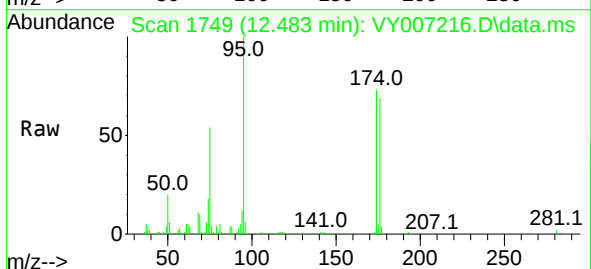
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

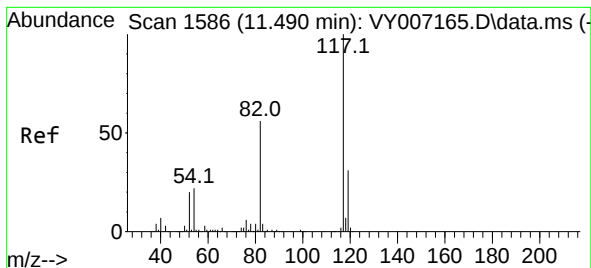
Tgt Ion:107 Resp: 57593
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 47.653 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 95 Resp: 84904
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.4
176 73.7 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

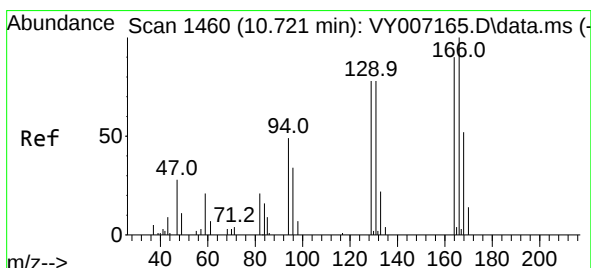
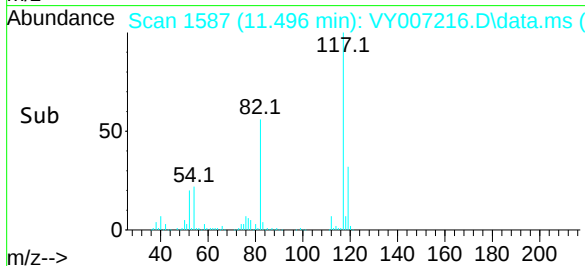
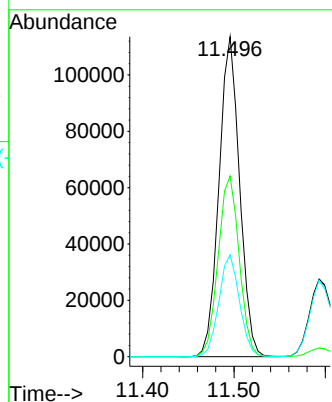
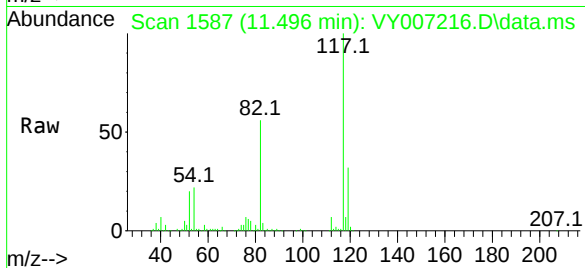
Tgt Ion:117 Resp: 177995

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.0

119 31.8 26.4 39.6



#64

Tetrachloroethene

Concen: 45.753 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Tgt Ion:164 Resp: 58700

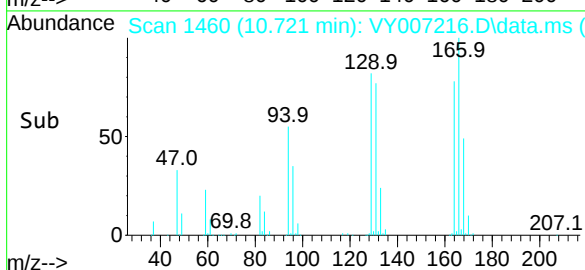
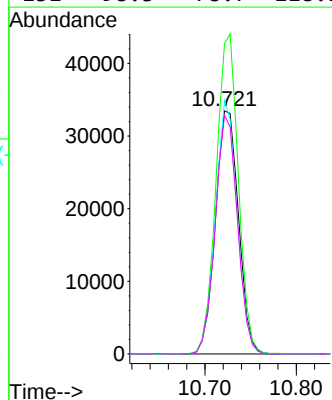
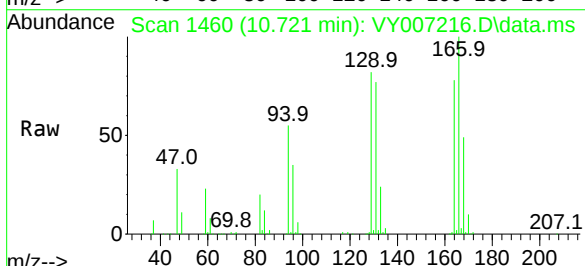
Ion Ratio Lower Upper

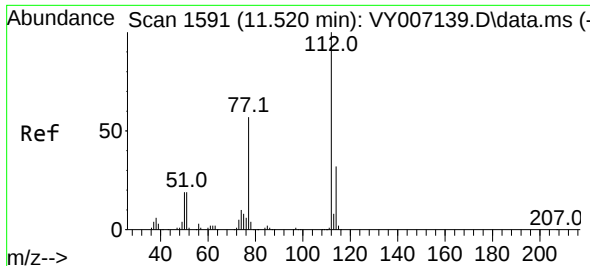
164 100

166 127.8 102.6 154.0

129 104.3 84.6 127.0

131 98.3 78.7 118.1

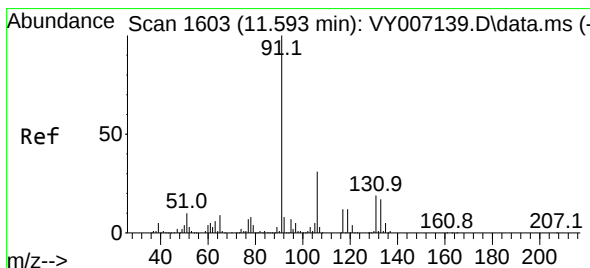
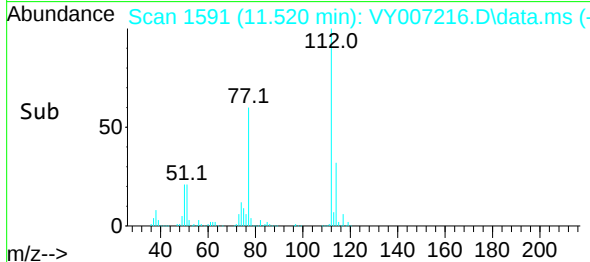
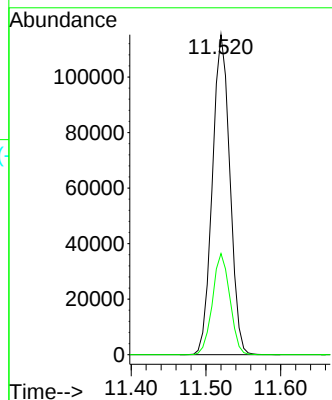
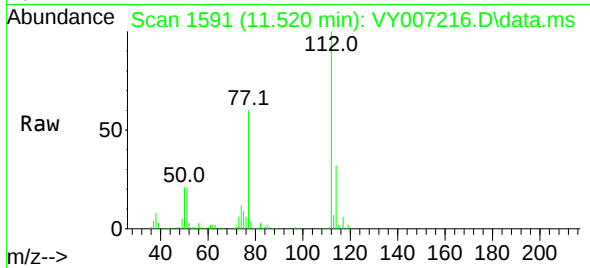




#65
Chlorobenzene
Concen: 48.248 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

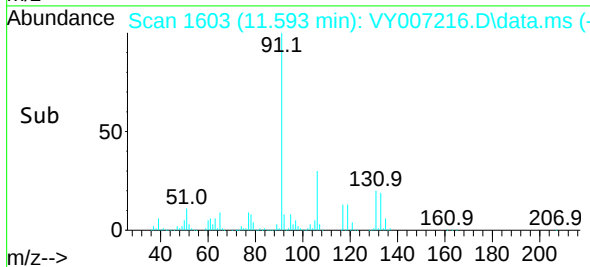
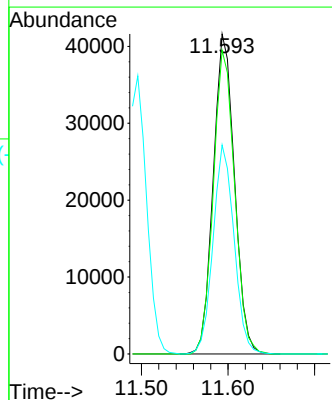
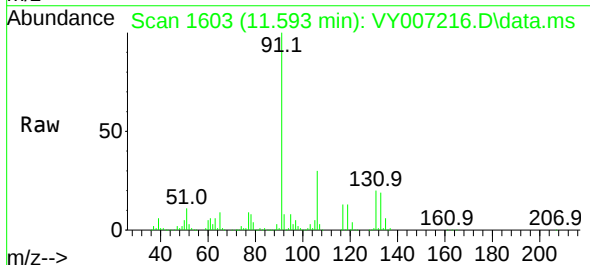
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

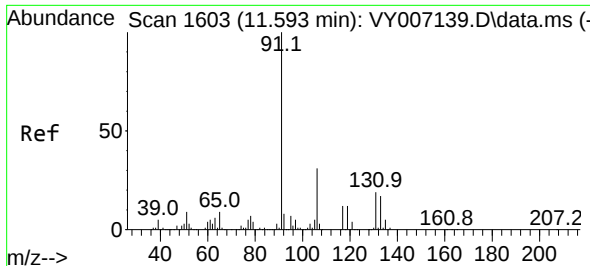
Tgt Ion:112 Resp: 187780
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.989 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:131 Resp: 70678
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 64.8 32.6 97.7

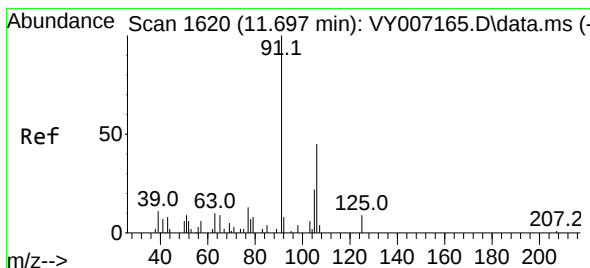
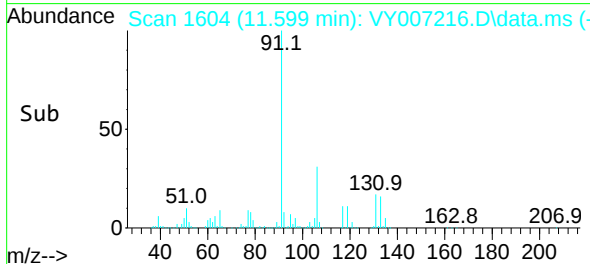
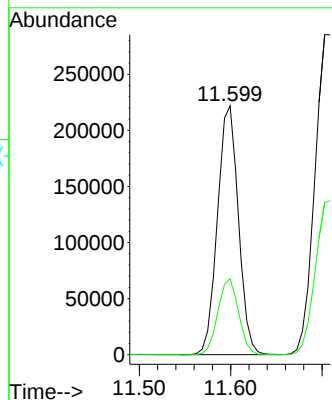
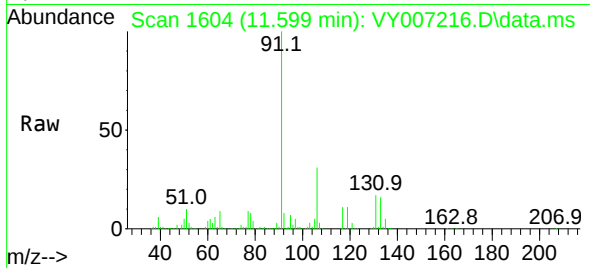




#67
Ethyl Benzene
Concen: 48.269 ug/l
RT: 11.599 min Scan# 1603
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

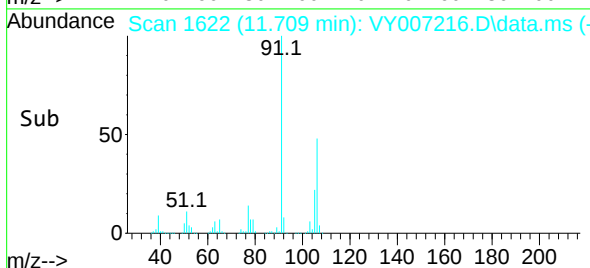
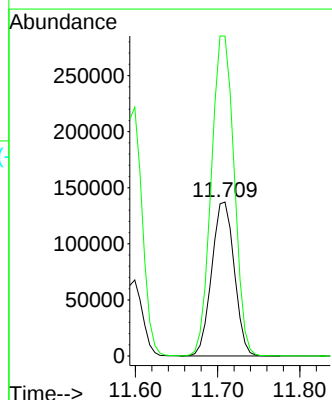
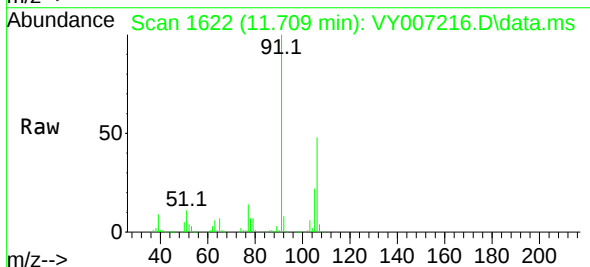
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

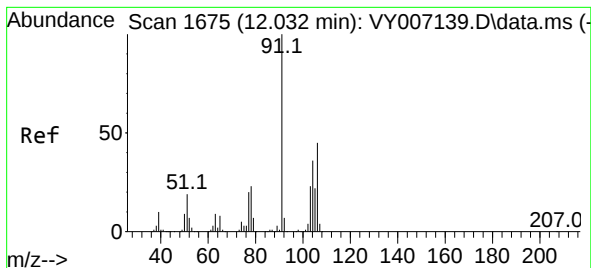
Tgt Ion: 91 Resp: 353083
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#68
m/p-Xylenes
Concen: 96.148 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:106 Resp: 261366
Ion Ratio Lower Upper
106 100
91 210.7 167.1 250.7





#69

o-Xylene

Concen: 48.318 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

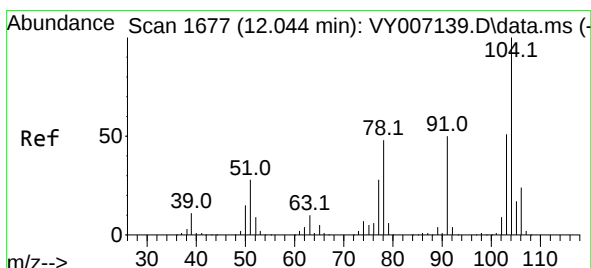
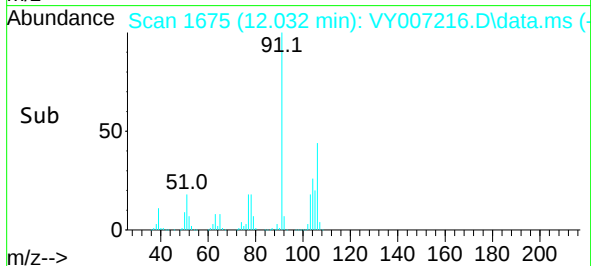
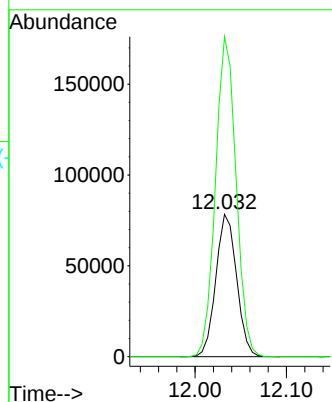
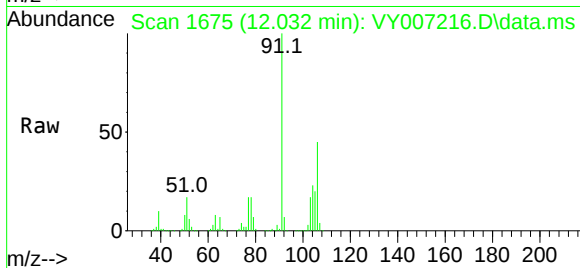
VSTDCCC050

Tgt Ion:106 Resp: 123691

Ion Ratio Lower Upper

106 100

91 223.2 109.9 329.6



#70

Styrene

Concen: 49.647 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

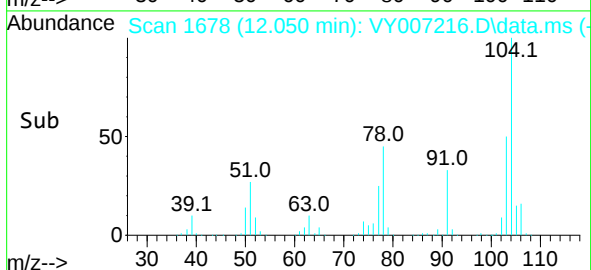
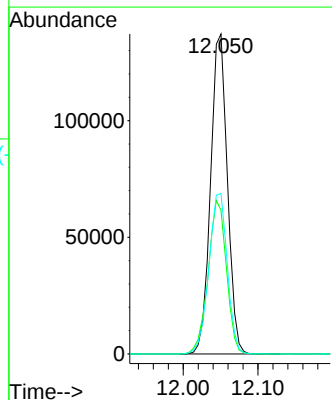
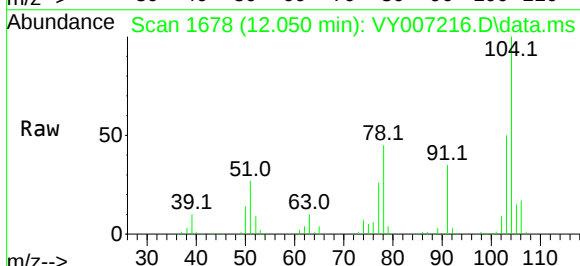
Tgt Ion:104 Resp: 214403

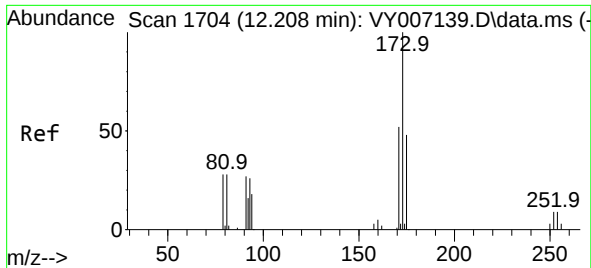
Ion Ratio Lower Upper

104 100

78 52.2 41.4 62.0

103 55.1 44.2 66.2

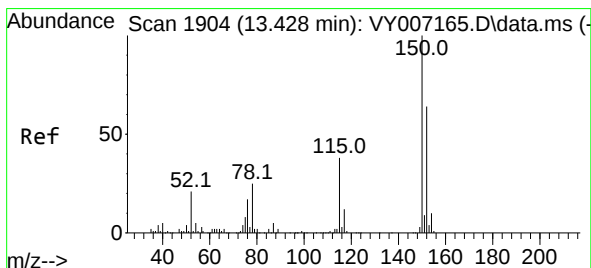
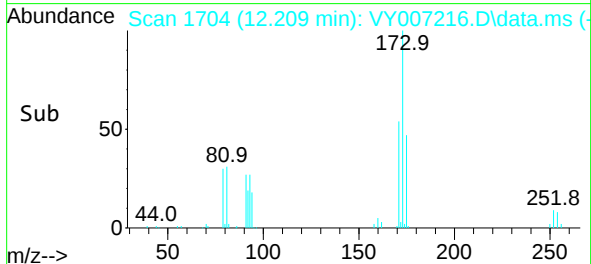
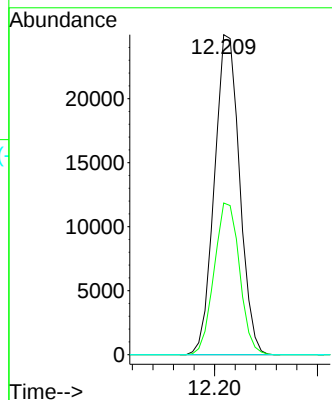
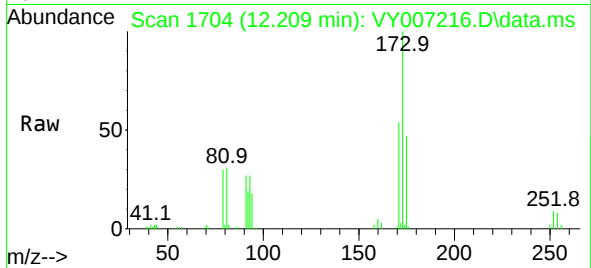




#71
Bromoform
Concen: 50.780 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

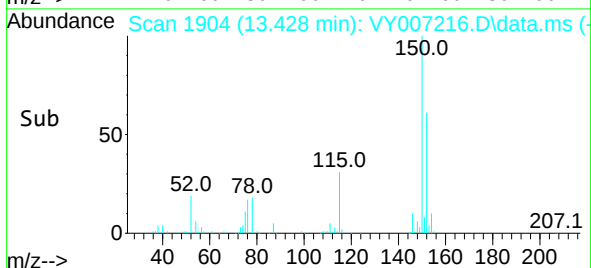
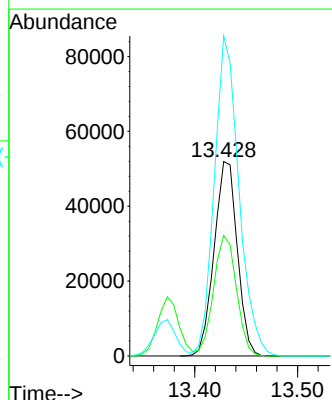
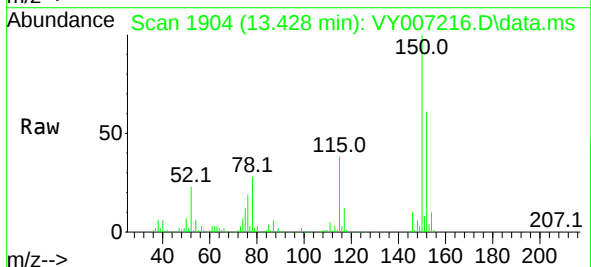
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

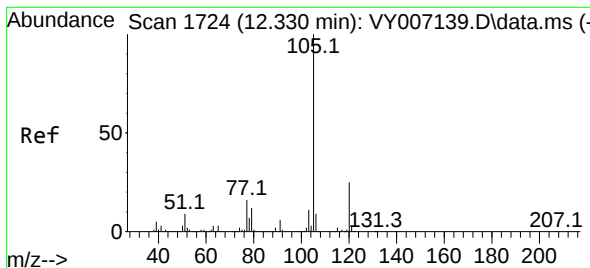
Tgt Ion:173 Resp: 42377
Ion Ratio Lower Upper
173 100
175 48.0 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:152 Resp: 81195
Ion Ratio Lower Upper
152 100
115 61.5 31.4 94.0
150 175.1 0.0 348.4





#73

Isopropylbenzene

Concen: 46.960 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

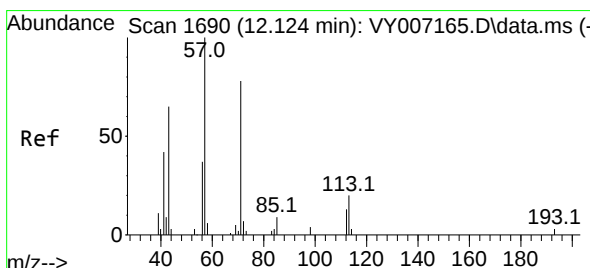
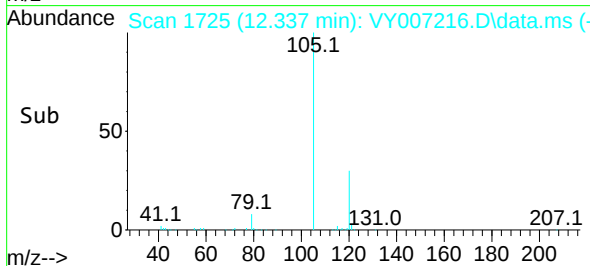
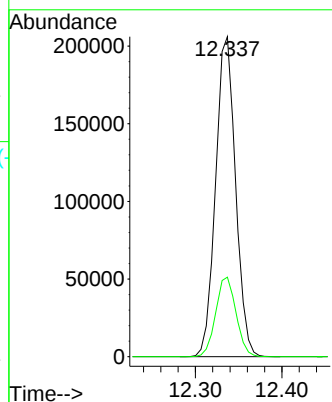
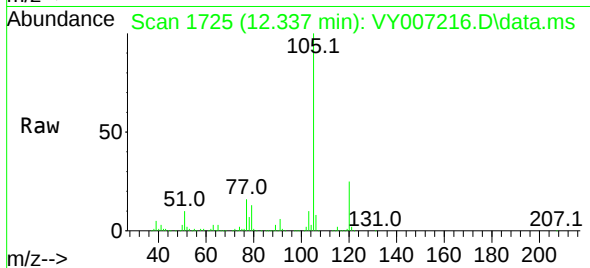
VSTDCCC050

Tgt Ion:105 Resp: 329323

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-amy1 acetate

Concen: 53.289 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Tgt Ion: 43 Resp: 99934

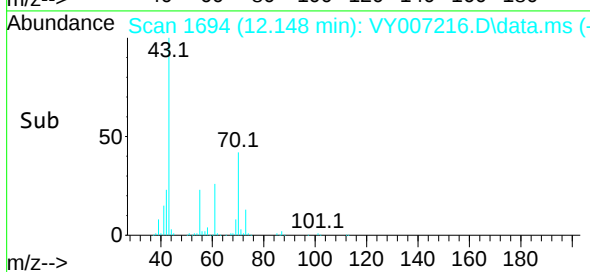
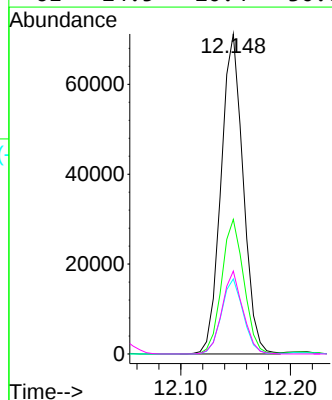
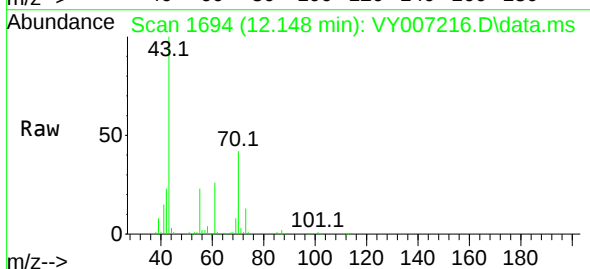
Ion Ratio Lower Upper

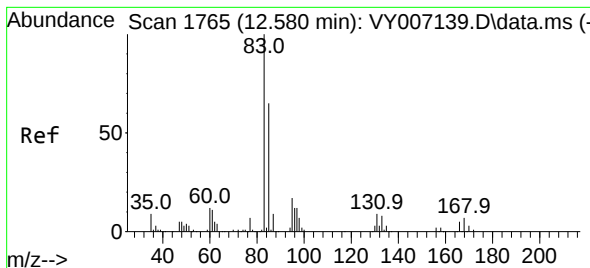
43 100

70 42.2 36.2 54.4

55 23.1 19.0 28.4

61 24.5 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.684 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

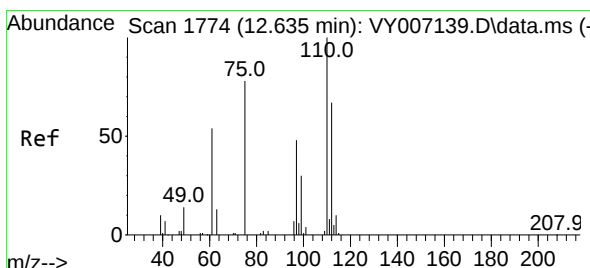
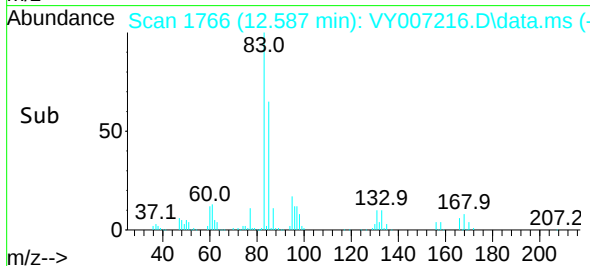
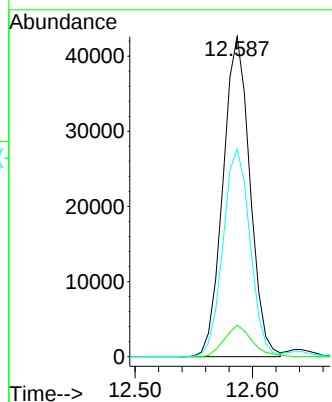
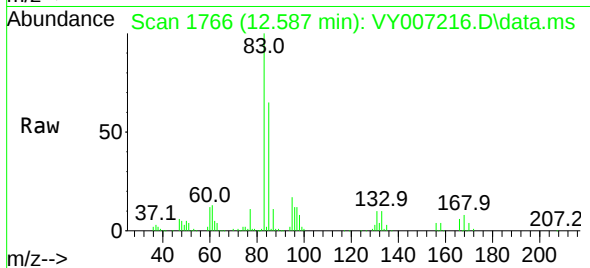
Tgt Ion: 83 Resp: 67753

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

85 65.2 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 99.403 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY007216.D

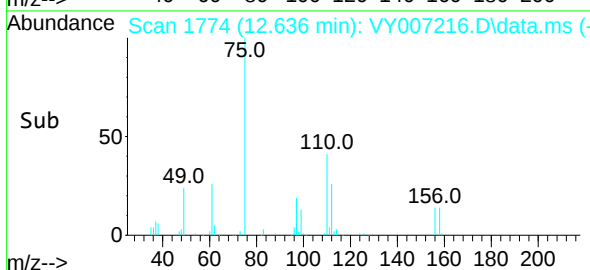
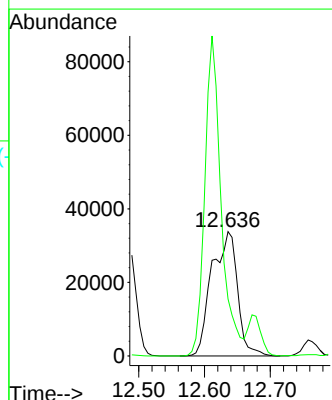
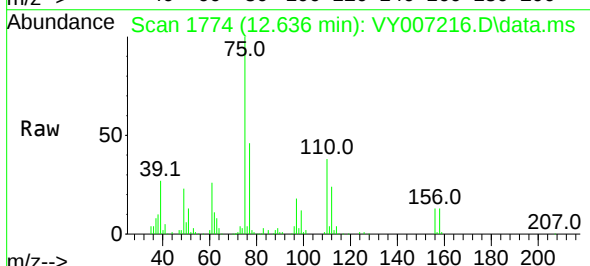
Acq: 19 Jan 2022 10:49

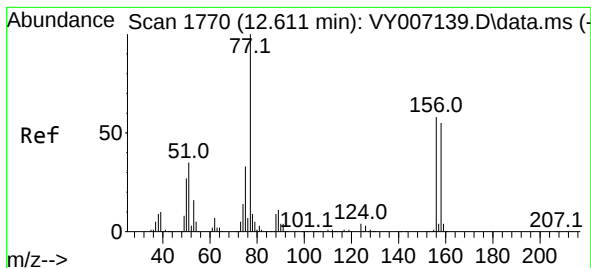
Tgt Ion: 75 Resp: 92031

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.050 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

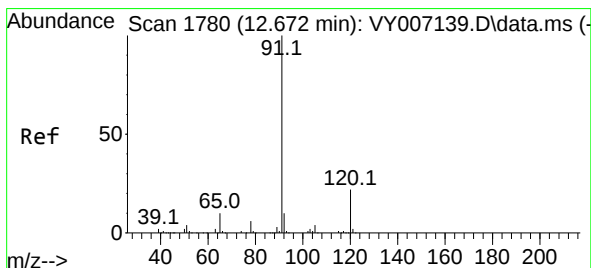
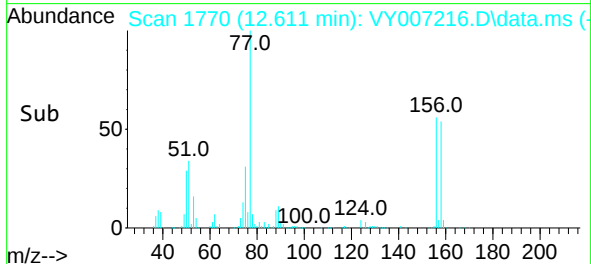
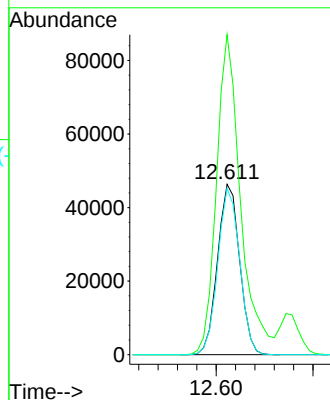
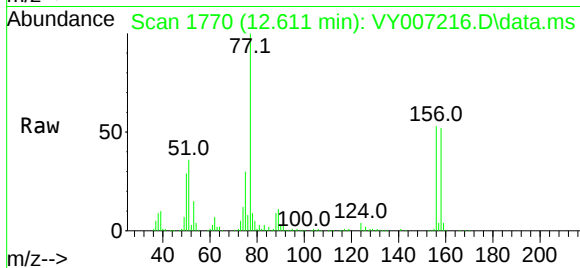
Tgt Ion:156 Resp: 73322

Ion Ratio Lower Upper

156 100

77 205.5 98.7 296.1

158 96.7 48.4 145.2



#78

n-propylbenzene

Concen: 47.335 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.007 min

Lab File: VY007216.D

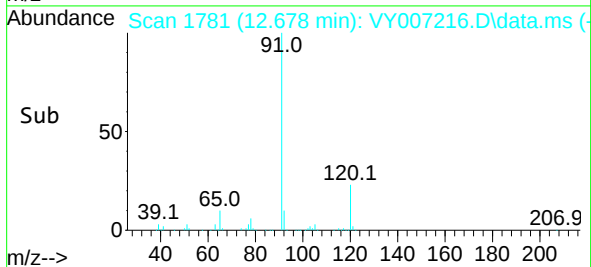
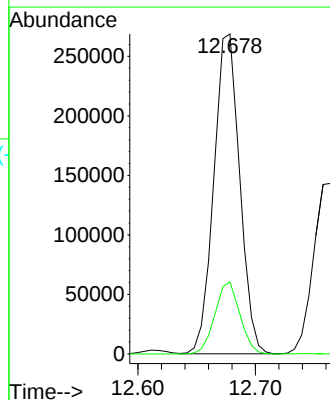
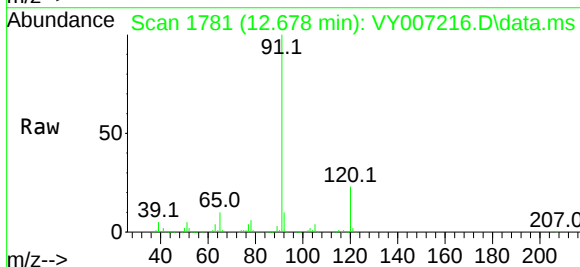
Acq: 19 Jan 2022 10:49

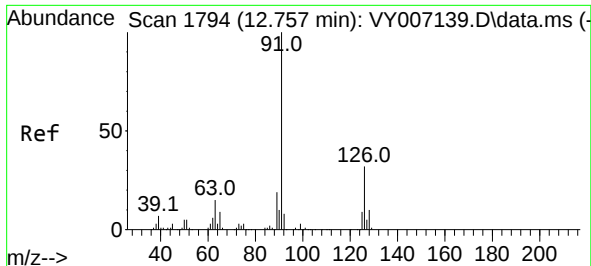
Tgt Ion: 91 Resp: 411505

Ion Ratio Lower Upper

91 100

120 21.7 11.2 33.5

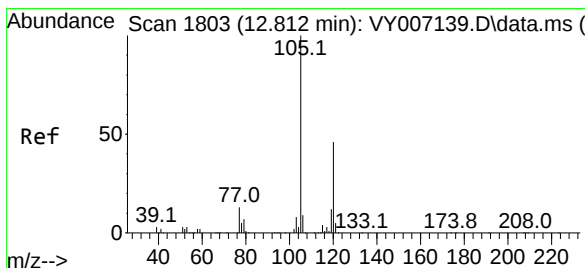
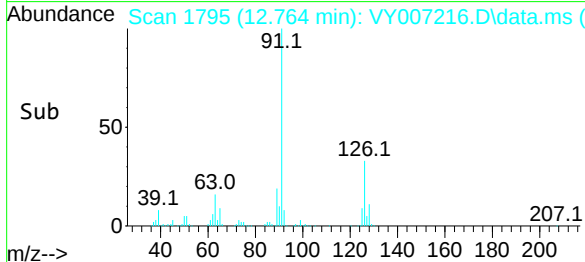
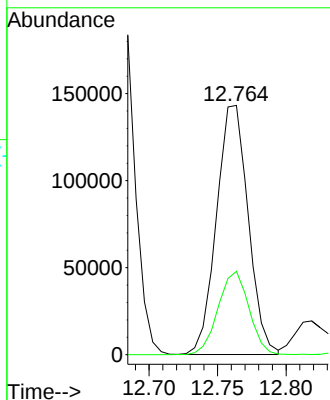
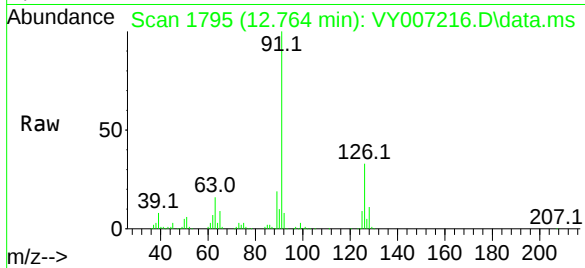




#79
2-Chlorotoluene
Concen: 47.779 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

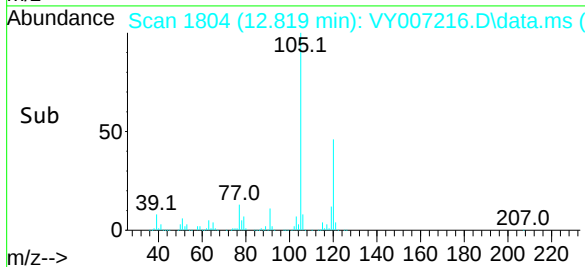
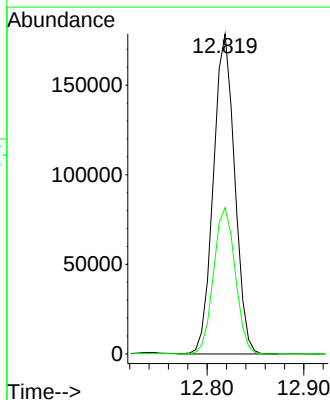
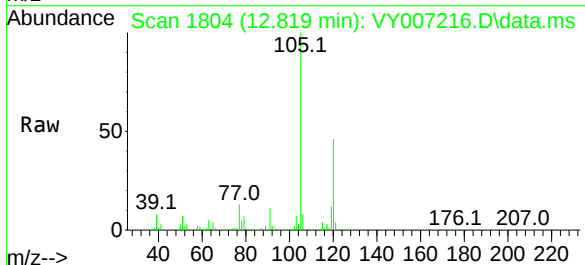
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

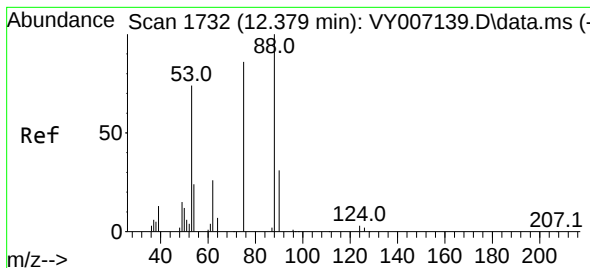
Tgt Ion: 91 Resp: 230942
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 47.472 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 105 Resp: 273351
Ion Ratio Lower Upper
105 100
120 46.4 23.7 71.1

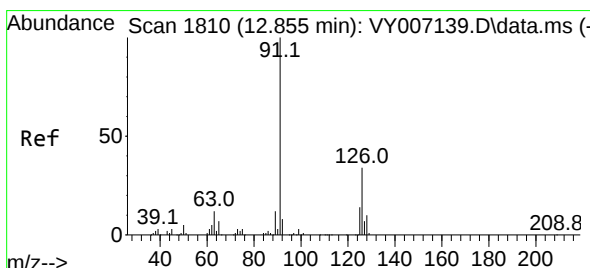
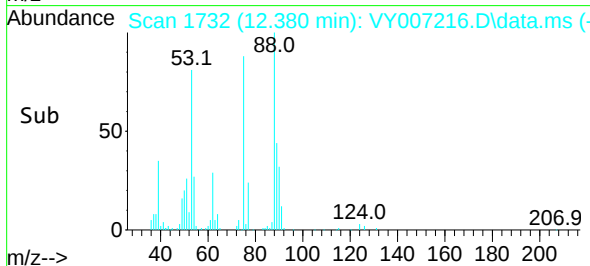
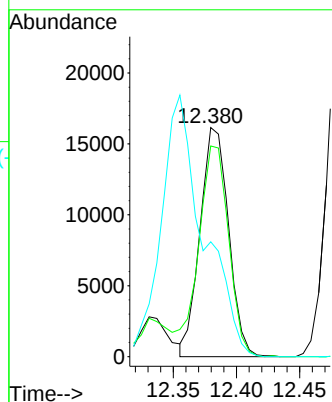
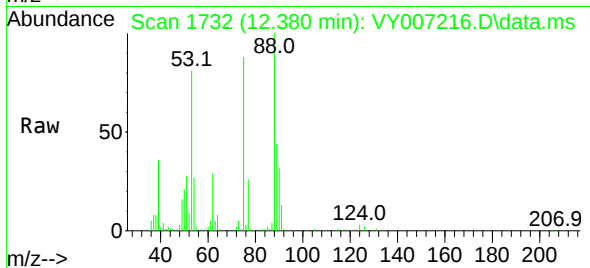




#81
trans-1,4-Dichloro-2-butene
Concen: 50.227 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

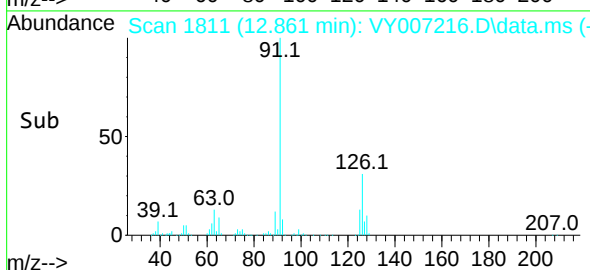
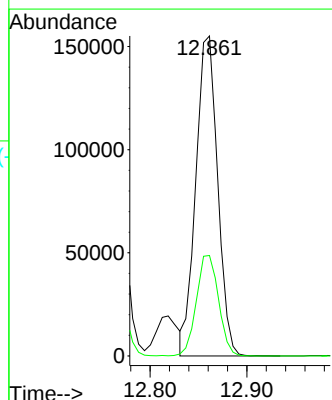
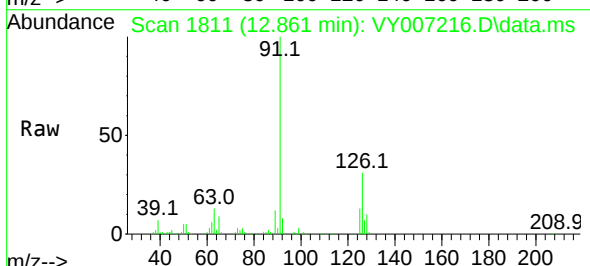
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

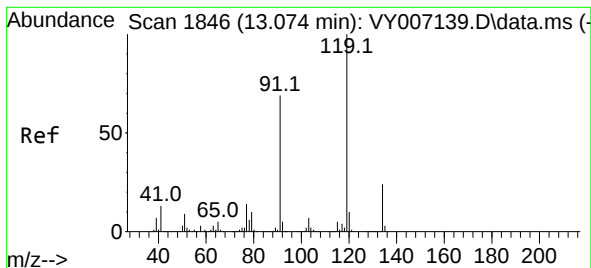
Tgt Ion: 75 Resp: 25401
Ion Ratio Lower Upper
75 100
53 97.5 73.9 110.9
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.205 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 91 Resp: 243055
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.9





#83

tert-Butylbenzene

Concen: 47.622 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

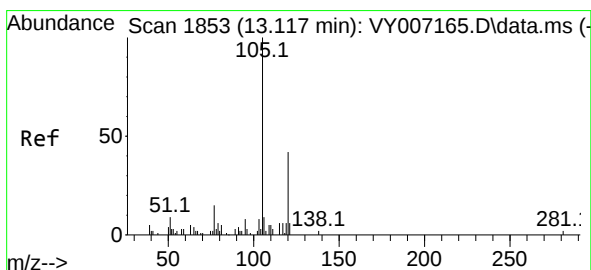
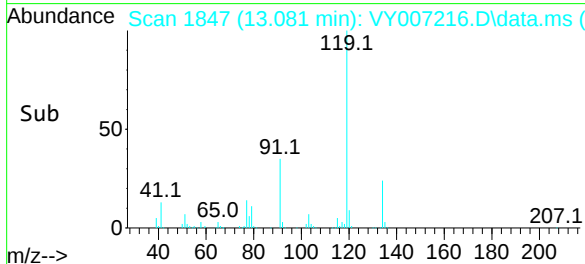
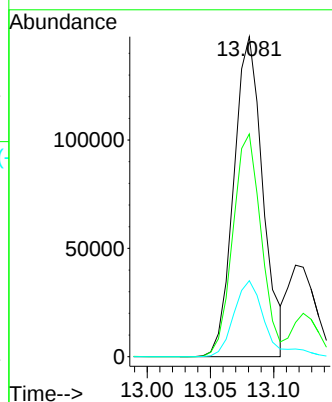
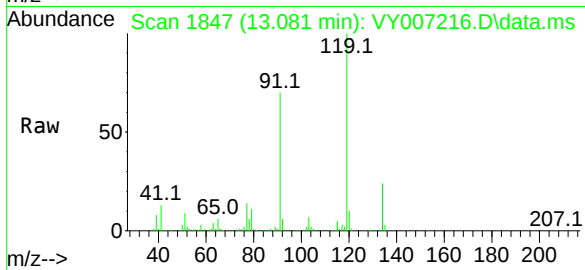
Tgt Ion:119 Resp: 236943

Ion Ratio Lower Upper

119 100

91 67.8 33.1 99.5

134 25.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 47.710 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007216.D

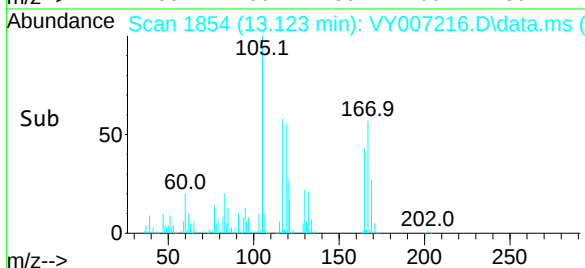
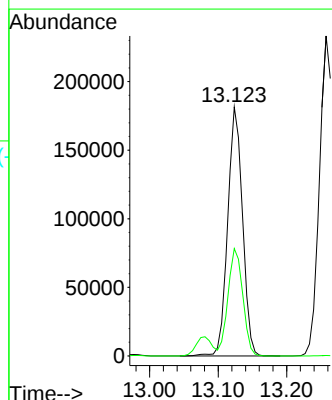
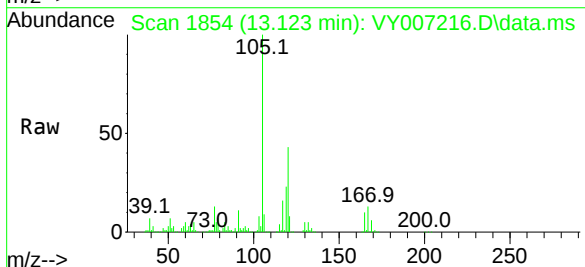
Acq: 19 Jan 2022 10:49

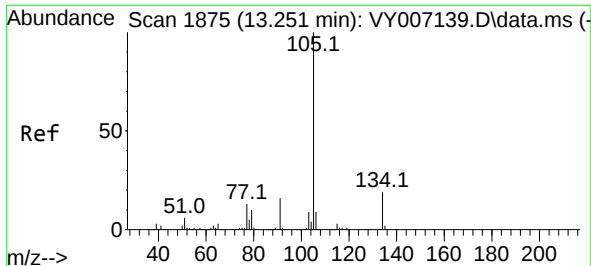
Tgt Ion:105 Resp: 272307

Ion Ratio Lower Upper

105 100

120 43.1 21.6 64.6

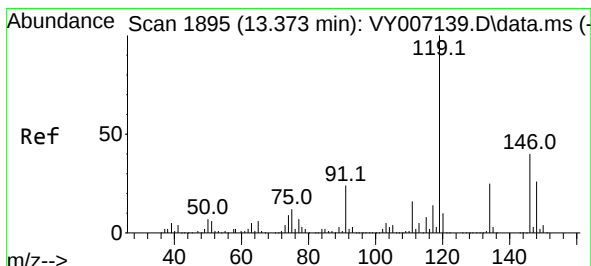
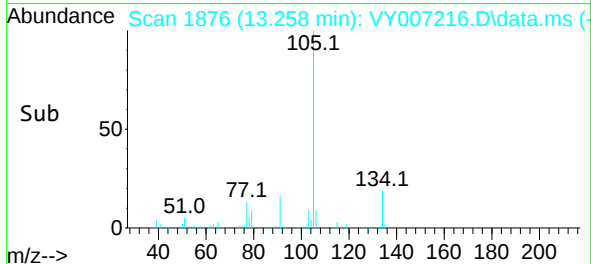
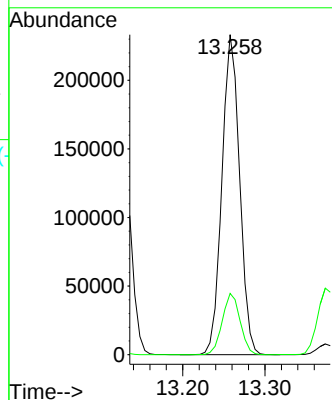
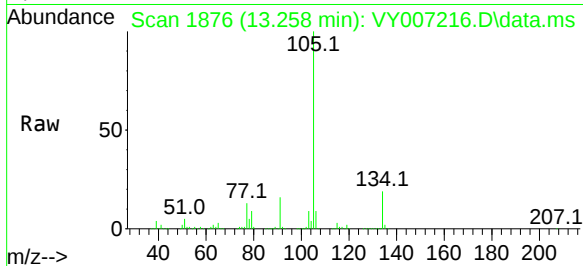




#85
 sec-Butylbenzene
 Concen: 46.885 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

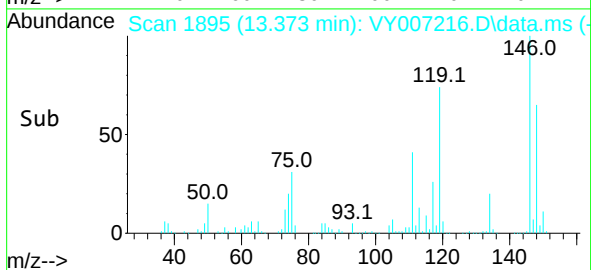
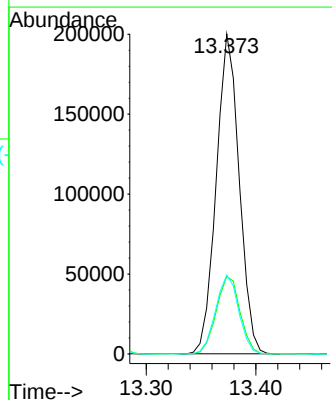
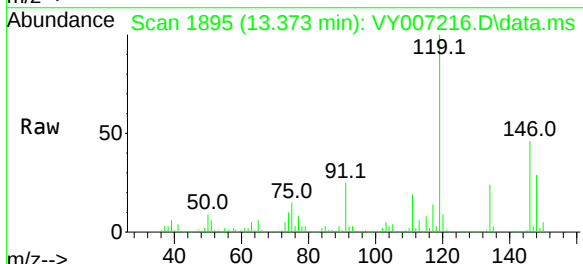
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

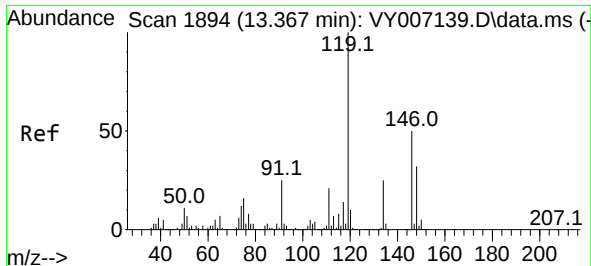
Tgt Ion:105 Resp: 348990
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.553 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007216.D
 Acq: 19 Jan 2022 10:49

Tgt Ion:119 Resp: 290880
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.7
 91 24.9 12.4 37.2

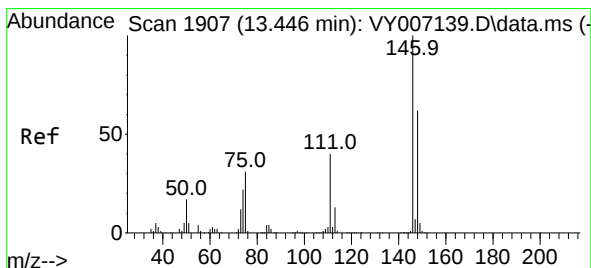
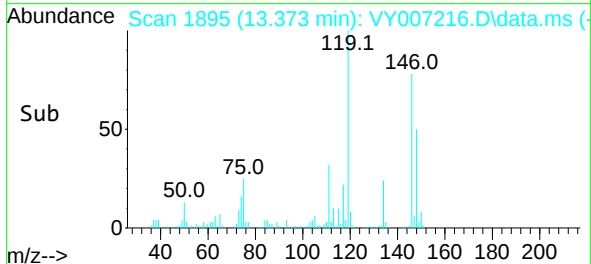
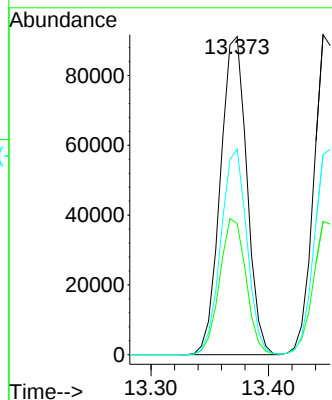
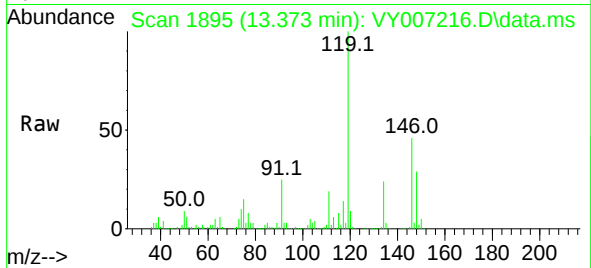




#87
1,3-Dichlorobenzene
Concen: 47.792 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

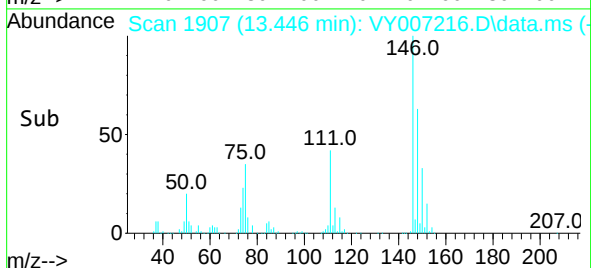
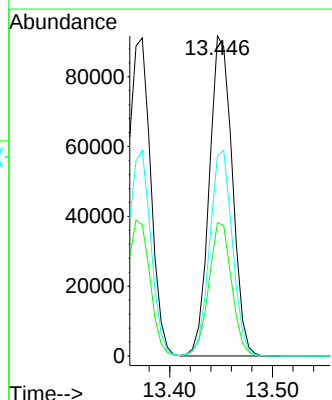
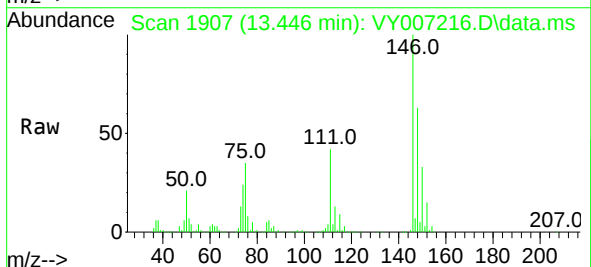
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

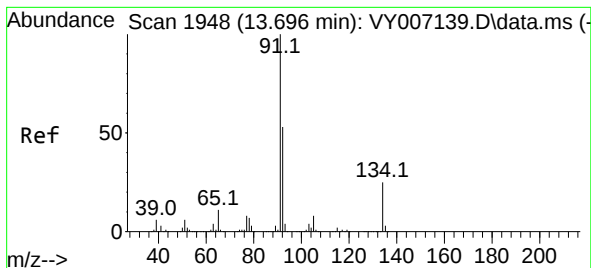
Tgt Ion:146 Resp: 142747
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.1
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 47.380 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion:146 Resp: 142298
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 63.4 32.0 96.2





#89

n-Butylbenzene

Concen: 47.766 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

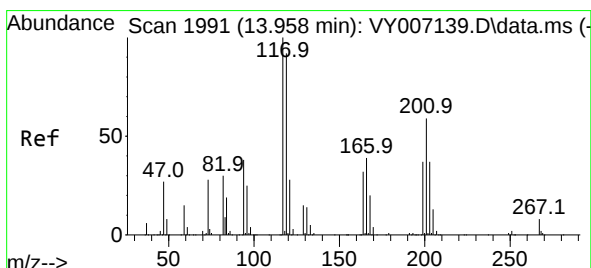
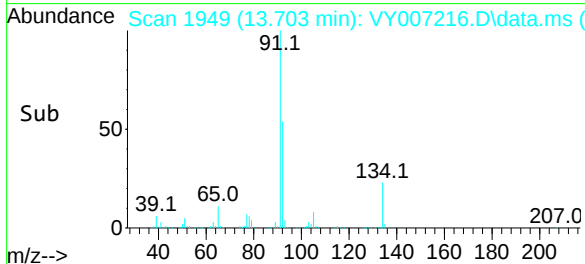
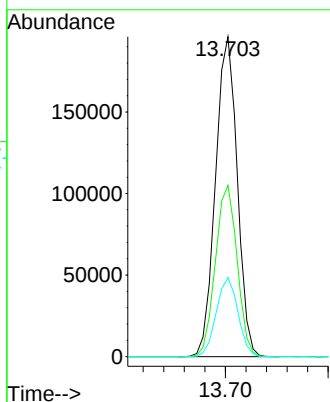
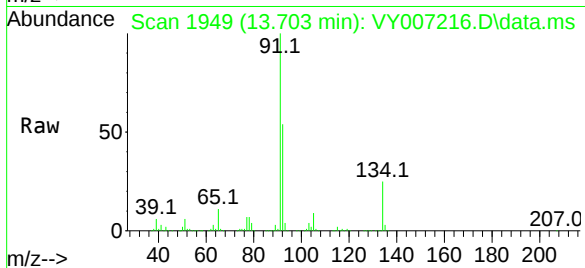
Tgt Ion: 91 Resp: 287694

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.6

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 48.012 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.007 min

Lab File: VY007216.D

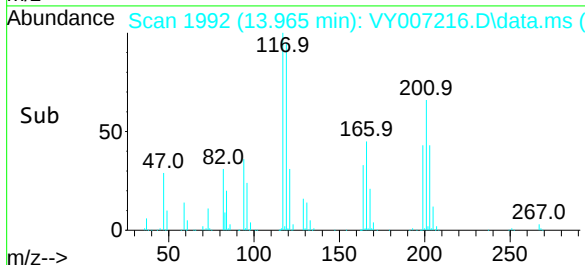
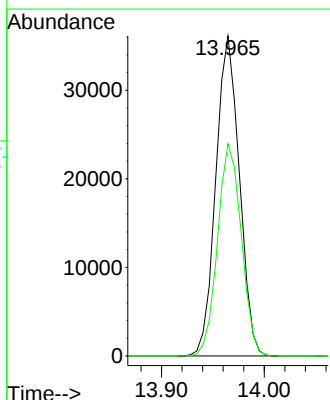
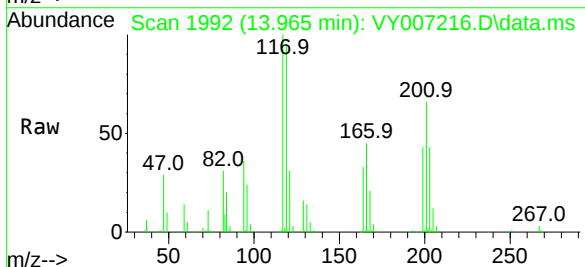
Acq: 19 Jan 2022 10:49

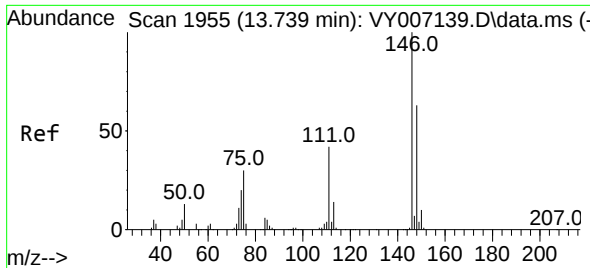
Tgt Ion: 117 Resp: 57416

Ion Ratio Lower Upper

117 100

201 66.9 33.6 100.6

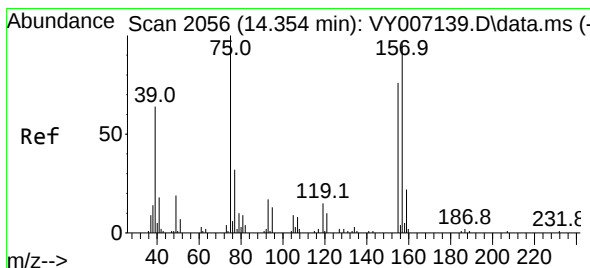
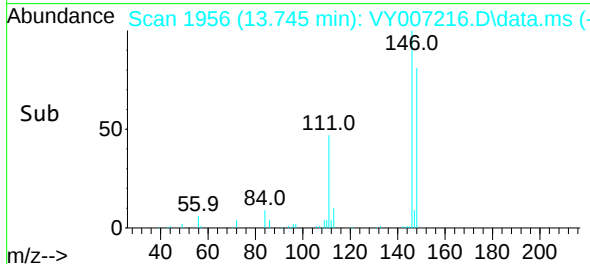
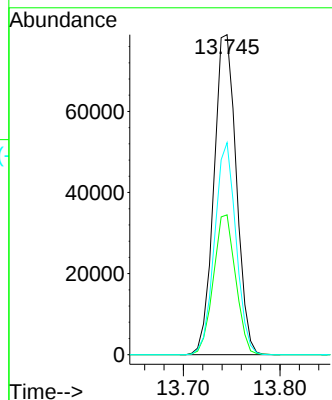
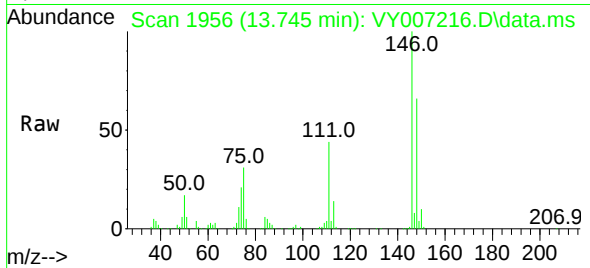




#91
1,2-Dichlorobenzene
Concen: 47.806 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

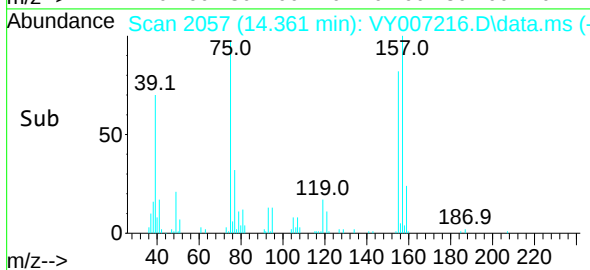
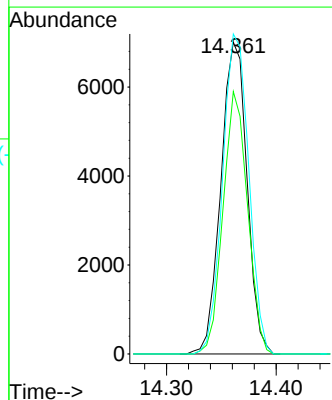
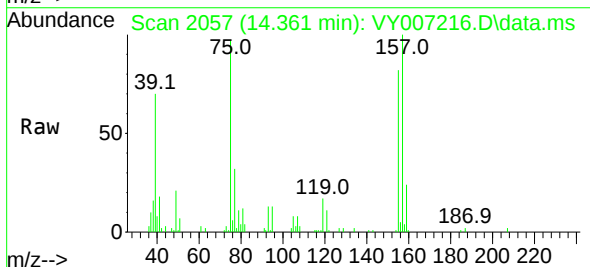
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

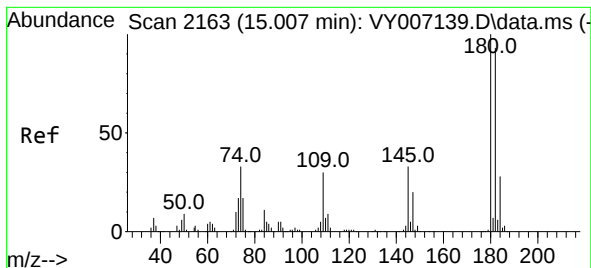
Tgt Ion:146 Resp: 127045
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 63.2 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.213 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VY007216.D
Acq: 19 Jan 2022 10:49

Tgt Ion: 75 Resp: 11591
Ion Ratio Lower Upper
75 100
155 79.0 40.1 120.2
157 103.0 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 48.191 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

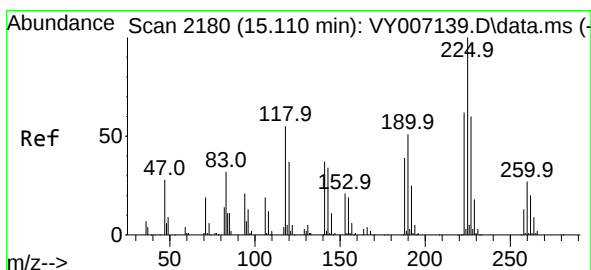
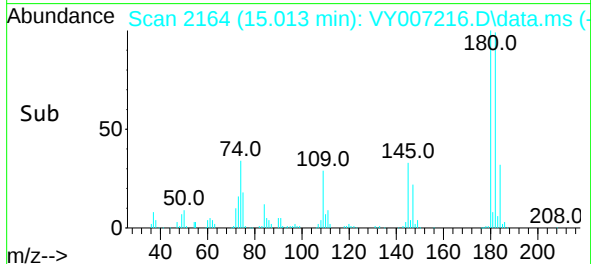
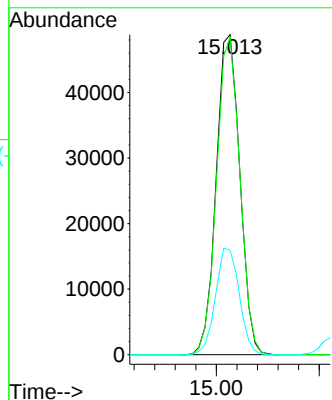
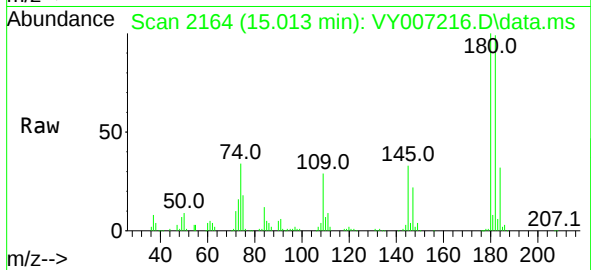
Tgt Ion:180 Resp: 77880

Ion Ratio Lower Upper

180 100

182 97.7 47.6 142.8

145 33.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 47.108 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

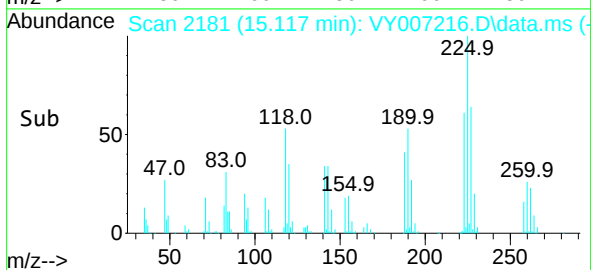
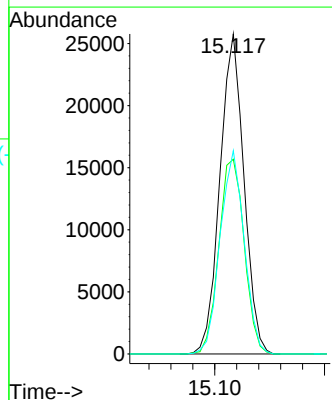
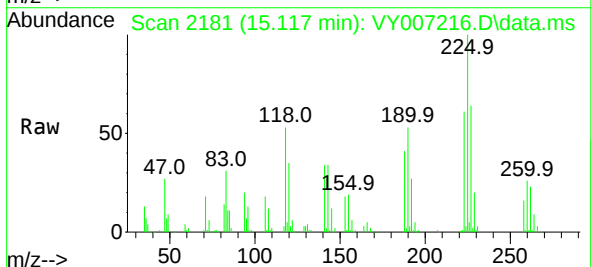
Tgt Ion:225 Resp: 39236

Ion Ratio Lower Upper

225 100

223 64.2 32.6 97.8

227 63.6 32.0 96.2





#95

Naphthalene

Concen: 50.516 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

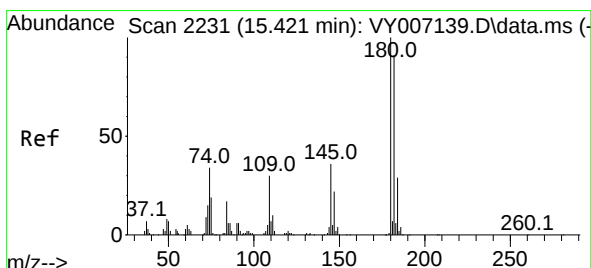
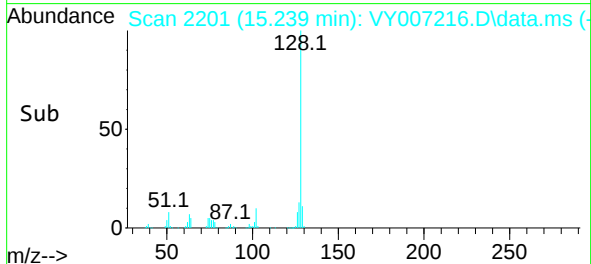
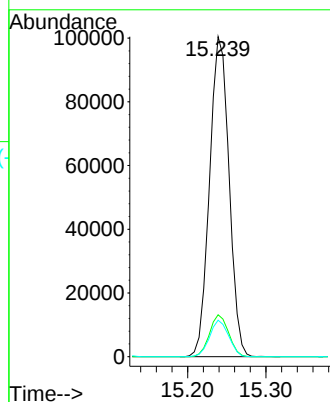
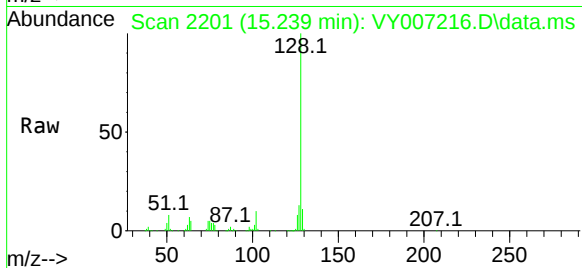
Tgt Ion:128 Resp: 173392

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.968 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.007 min

Lab File: VY007216.D

Acq: 19 Jan 2022 10:49

Tgt Ion:180 Resp: 68893

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.8

145 34.0 17.2 51.5

