

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009620.D
 Acq On : 20 Jul 2022 18:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 21 02:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	271867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	409750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	126985	49.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.710	113	134228	51.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.000%
50) Toluene-d8	10.173	98	503312	50.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.477	95	175077	54.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	108.900%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	113504	47.580	ug/l	98
3) Chloromethane	2.101	50	129496	36.631	ug/l	97
4) Vinyl Chloride	2.241	62	129648	35.070	ug/l	98
5) Bromomethane	2.638	94	88155	35.232	ug/l	99
6) Chloroethane	2.778	64	79305	35.316	ug/l	99
7) Trichlorofluoromethane	3.107	101	223676	51.060	ug/l	94
8) Diethyl Ether	3.515	74	77485	54.062	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.881	101	133281	52.029	ug/l	94
10) Methyl Iodide	4.076	142	171001	50.254	ug/l #	87
11) Tert butyl alcohol	4.948	59	64138	250.728	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	128404	51.359	ug/l	83
13) Acrolein	3.717	56	42547	231.460	ug/l	97
14) Allyl chloride	4.460	41	197376	51.035	ug/l #	88
15) Acrylonitrile	5.149	53	188258	265.949	ug/l	98
16) Acetone	3.936	43	137130	210.829	ug/l #	89
17) Carbon Disulfide	4.174	76	381872	49.133	ug/l	99
18) Methyl Acetate	4.466	43	87269	47.798	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	361861	54.917	ug/l	97
20) Methylene Chloride	4.698	84	180719	56.907	ug/l #	84
21) trans-1,2-Dichloroethene	5.204	96	146237	51.679	ug/l	85
22) Diisopropyl ether	6.106	45	424826	51.441	ug/l #	92
23) Vinyl Acetate	6.045	43	1383646	265.543	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	247776	51.946	ug/l	98
25) 2-Butanone	6.972	43	234857	247.536	ug/l #	87
26) 2,2-Dichloropropane	6.966	77	204918	47.956	ug/l	91
27) cis-1,2-Dichloroethene	6.972	96	165102	52.773	ug/l	85
28) Bromochloromethane	7.320	49	103931	50.854	ug/l #	78
29) Tetrahydrofuran	7.338	42	165386	265.505	ug/l #	87
30) Chloroform	7.496	83	254404	52.138	ug/l	99
31) Cyclohexane	7.771	56	222488	49.074	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	228669	52.248	ug/l	94
36) 1,1-Dichloropropene	7.905	75	194713	51.044	ug/l	96
37) Ethyl Acetate	7.064	43	109592	51.620	ug/l #	93
38) Carbon Tetrachloride	7.893	117	205389	51.435	ug/l	99
39) Methylcyclohexane	9.179	83	248821	52.901	ug/l	91
40) Benzene	8.149	78	574779	51.495	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	149328	146.578	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	158483	50.614	ug/l	89
43) Isopropyl Acetate	8.265	43	207067	53.227	ug/l #	91
44) Trichloroethene	8.935	130	166447	52.433	ug/l	95
45) 1,2-Dichloropropane	9.210	63	142543	52.051	ug/l	93
46) Dibromomethane	9.301	93	85099	53.505	ug/l	96
47) Bromodichloromethane	9.490	83	196523	52.695	ug/l	98
48) Methyl methacrylate	9.289	41	91830	53.428	ug/l #	81
49) 1,4-Dioxane	9.289	88	25133	1185.486	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	538070	266.382	ug/l	88
52) Toluene	10.240	92	371754	52.579	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	205564	53.366	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	234099	53.449	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	121328	54.165	ug/l	97
56) Ethyl methacrylate	10.508	69	166088	57.956	ug/l #	79
57) 1,3-Dichloropropane	10.789	76	199342	53.628	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	426076	272.494	ug/l	93
59) 2-Hexanone	10.825	43	374179	266.341	ug/l	87
60) Dibromochloromethane	10.984	129	147870	54.555	ug/l	99
61) 1,2-Dibromoethane	11.087	107	119210	54.548	ug/l	99
64) Tetrachloroethene	10.715	164	157278	54.259	ug/l	97
65) Chlorobenzene	11.514	112	396505	52.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	149994	53.340	ug/l	97
67) Ethyl Benzene	11.587	91	705969	53.034	ug/l	97
68) m/p-Xylenes	11.697	106	563911	106.443	ug/l	91
69) o-Xylene	12.026	106	268217	54.101	ug/l	90
70) Styrene	12.038	104	447311	54.247	ug/l	95
71) Bromoform	12.203	173	98307	55.398	ug/l #	99
73) Isopropylbenzene	12.325	105	696237	53.425	ug/l	100
74) N-amyl acetate	12.142	43	190119	54.854	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	135495	51.916	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	180367	100.593	ug/l #	100
77) Bromobenzene	12.605	156	170628	52.067	ug/l	90
78) n-propylbenzene	12.666	91	833848	52.952	ug/l	97
79) 2-Chlorotoluene	12.752	91	465623	53.331	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	586143	54.431	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	49368	54.290	ug/l #	83
82) 4-Chlorotoluene	12.849	91	479641	52.954	ug/l	97
83) tert-Butylbenzene	13.075	119	514813	53.811	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	595721	55.316	ug/l	97
85) sec-Butylbenzene	13.251	105	755850	53.287	ug/l	99
86) p-Isopropyltoluene	13.367	119	633242	53.122	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	332626	51.310	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	329805	51.311	ug/l	98
89) n-Butylbenzene	13.697	91	596879	54.826	ug/l	98
90) Hexachloroethane	13.959	117	121508	52.908	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	297299	52.496	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22740	57.272	ug/l	67
93) 1,2,4-Trichlorobenzene	15.007	180	199263	56.059	ug/l	100
94) Hexachlorobutadiene	15.111	225	112510	53.356	ug/l	98
95) Naphthalene	15.233	128	424655	62.575	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	175832	56.314	ug/l	99

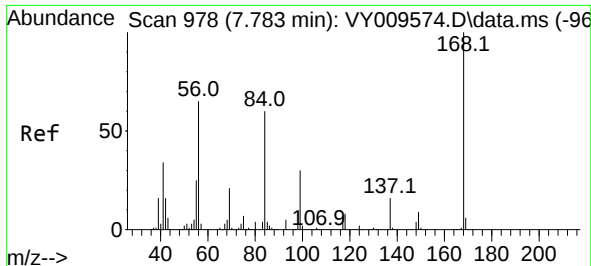
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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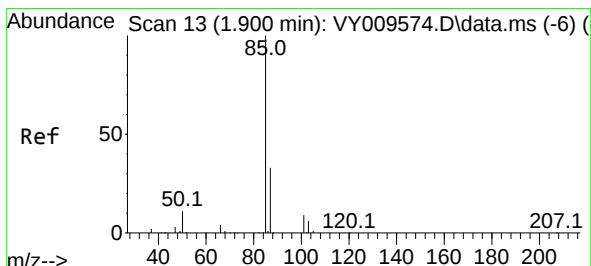
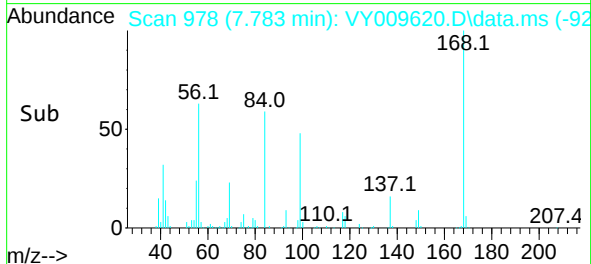
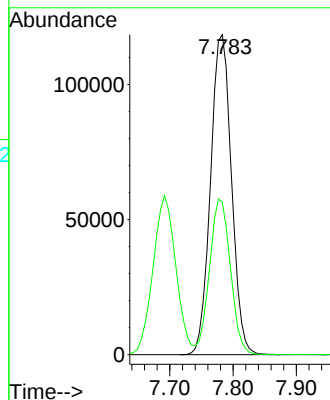
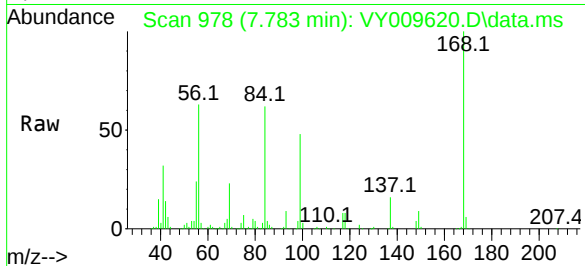
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

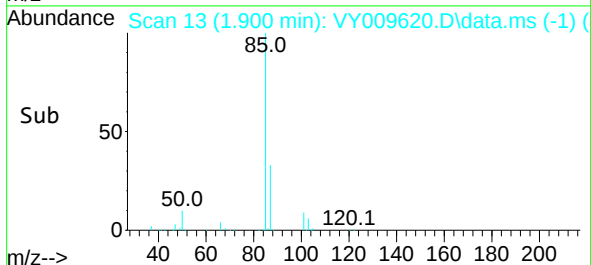
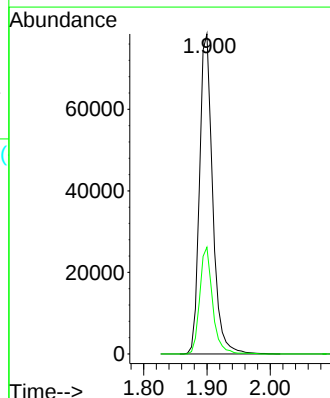
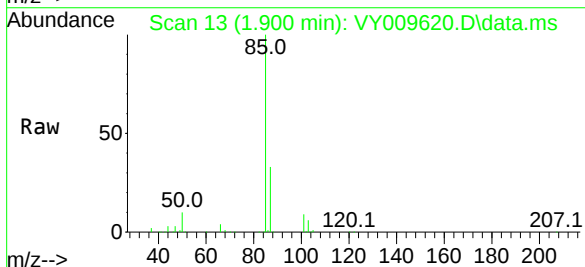
Instrument :
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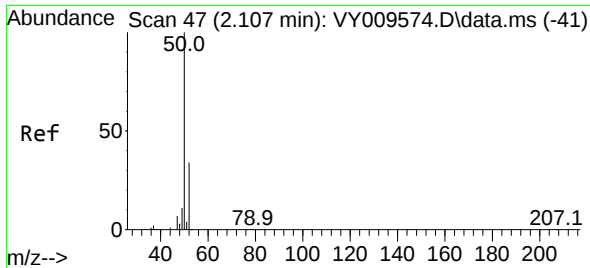
Tgt Ion:168 Resp: 271867
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.580 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 85 Resp: 113504
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2

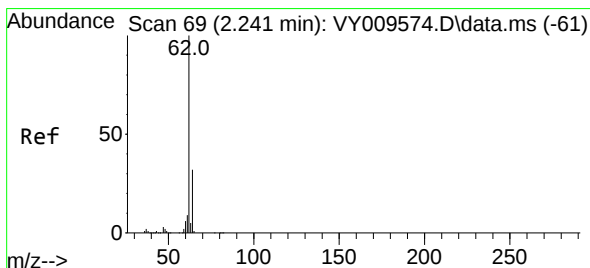
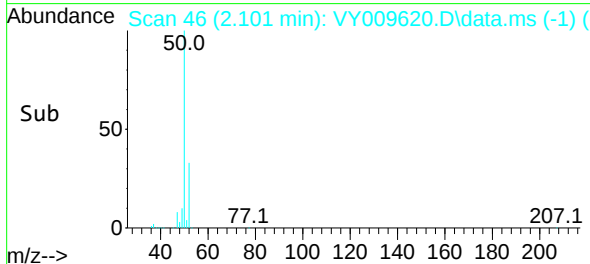
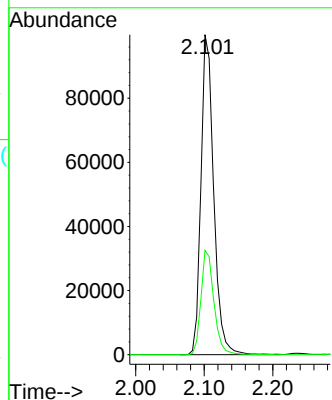
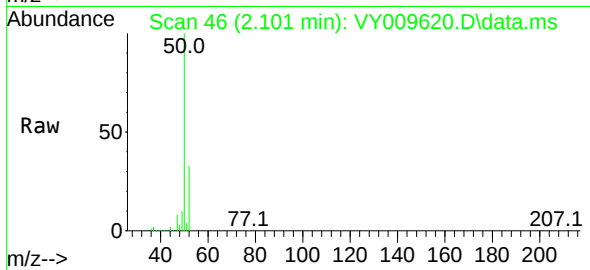




#3
Chloromethane
Concen: 36.631 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

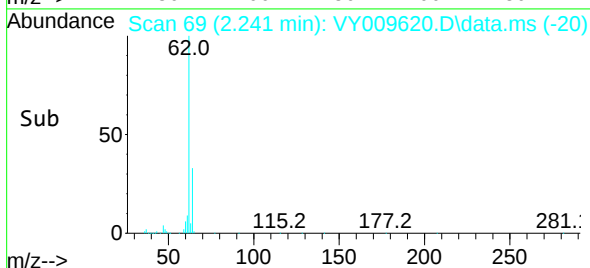
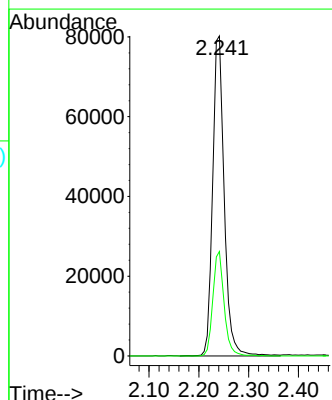
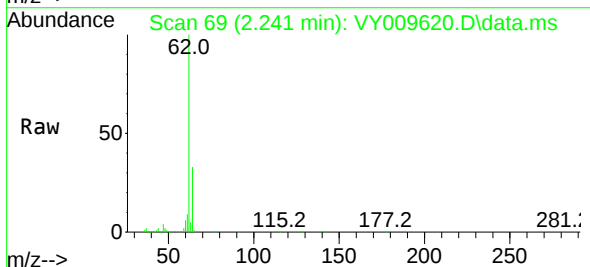
Instrument :
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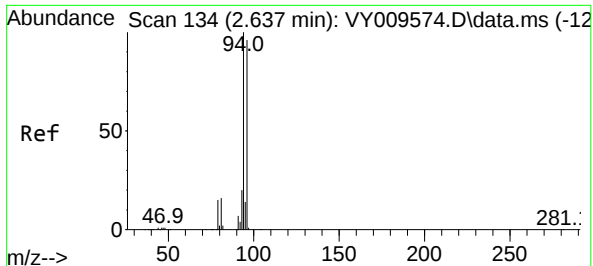
Tgt Ion: 50 Resp: 129496
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0



#4
Vinyl Chloride
Concen: 35.070 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 62 Resp: 129648
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

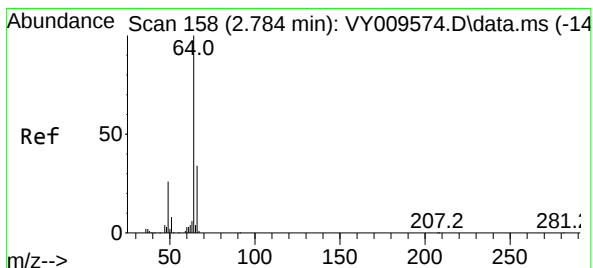
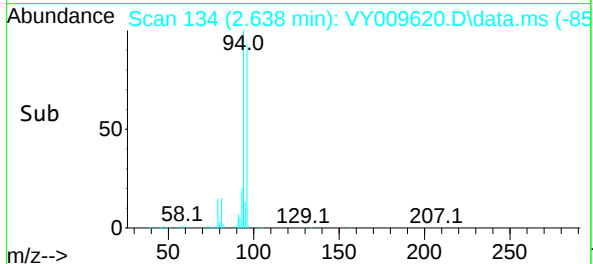
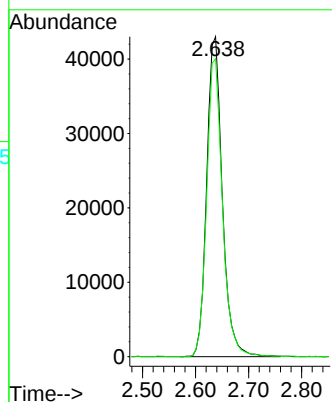
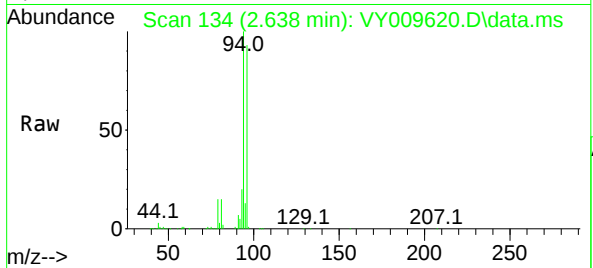




#5
Bromomethane
Concen: 35.232 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

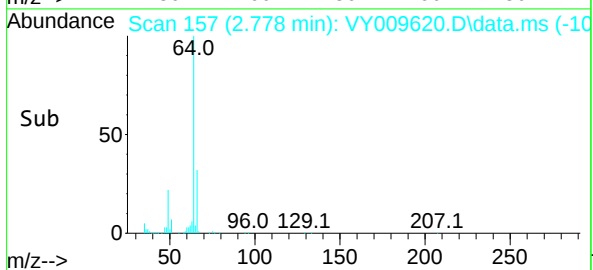
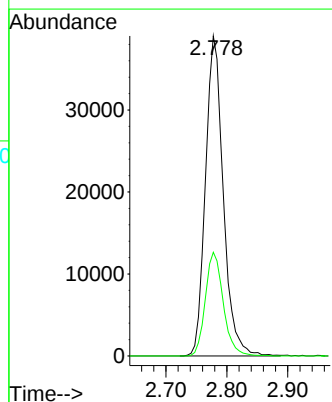
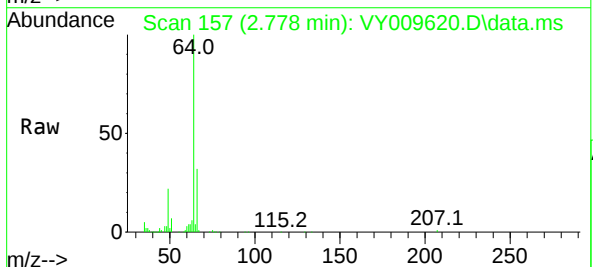
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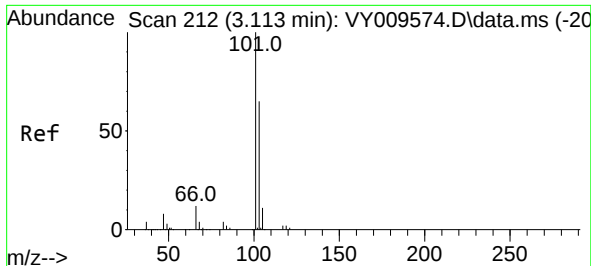
Tgt Ion: 94 Resp: 88155
Ion Ratio Lower Upper
94 100
96 93.1 73.5 110.3



#6
Chloroethane
Concen: 35.316 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 64 Resp: 79305
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0

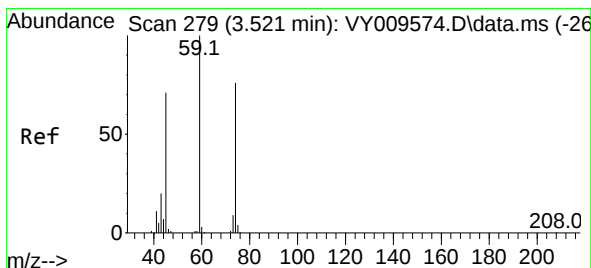
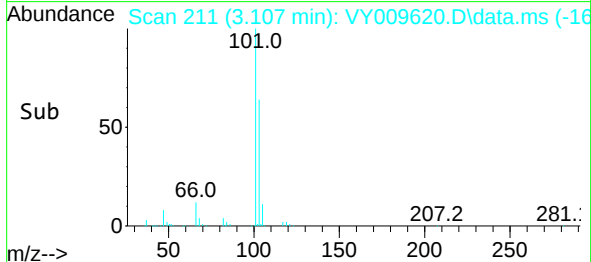
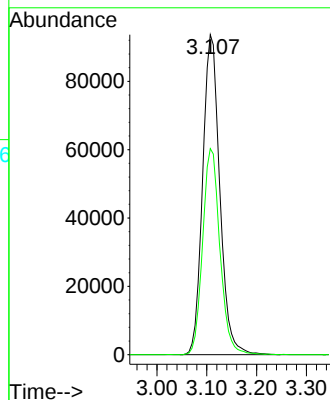
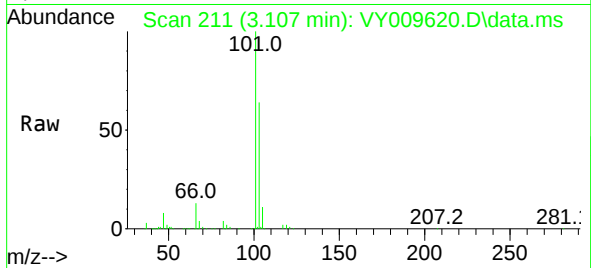




#7
Trichlorofluoromethane
Concen: 51.060 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

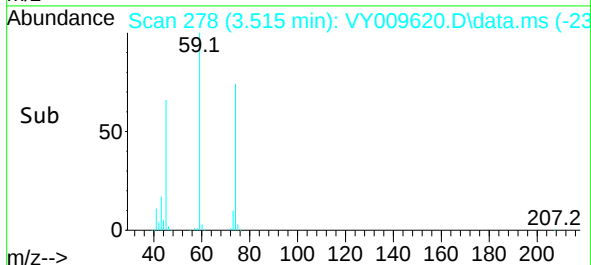
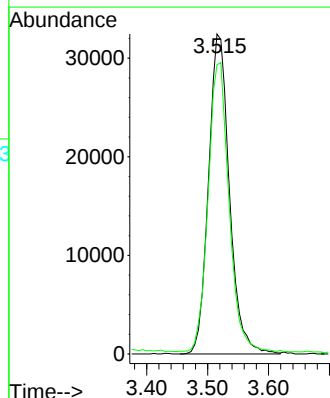
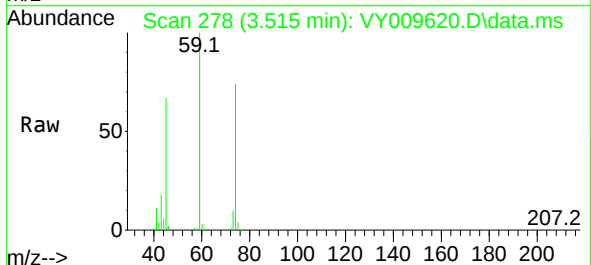
Instrument :
MSVOA_Y
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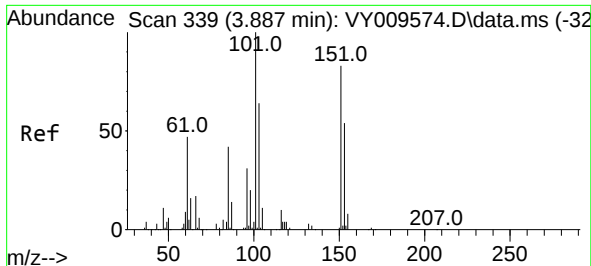
Tgt Ion:101 Resp: 223676
Ion Ratio Lower Upper
101 100
103 64.4 48.0 72.0



#8
Diethyl Ether
Concen: 54.062 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 74 Resp: 77485
Ion Ratio Lower Upper
74 100
45 90.2 55.1 165.5

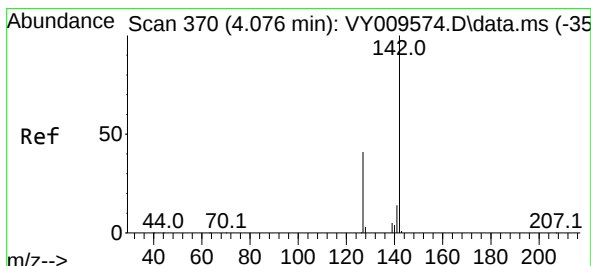
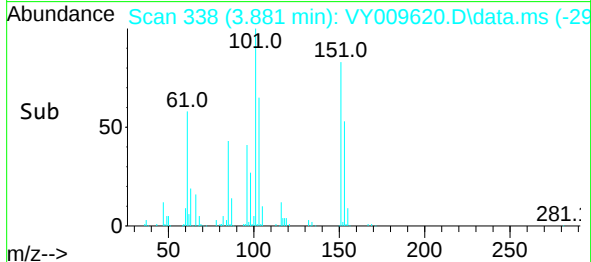
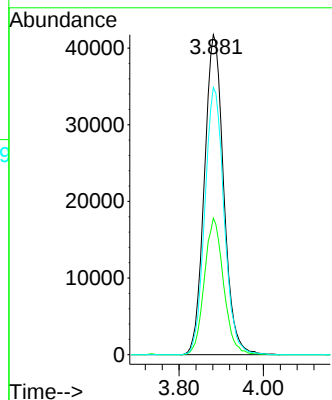
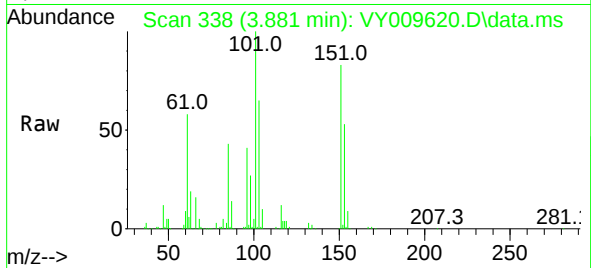




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.029 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

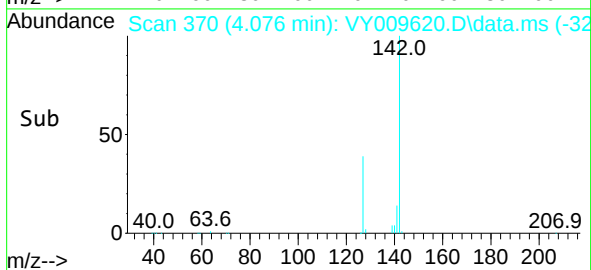
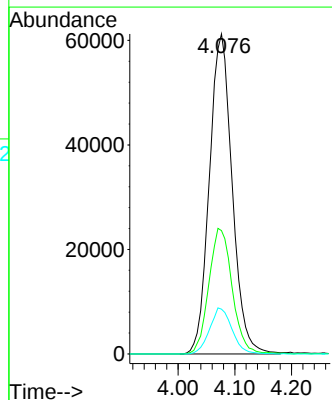
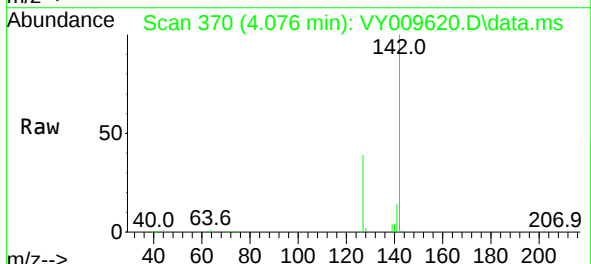
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

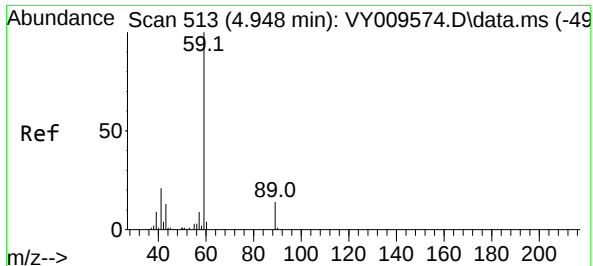
Tgt Ion:101 Resp: 133281
Ion Ratio Lower Upper
101 100
85 42.3 40.6 60.8
151 83.4 64.9 97.3



#10
Methyl Iodide
Concen: 50.254 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion:142 Resp: 171001
Ion Ratio Lower Upper
142 100
127 40.3 41.5 62.3#
141 14.2 11.9 17.9

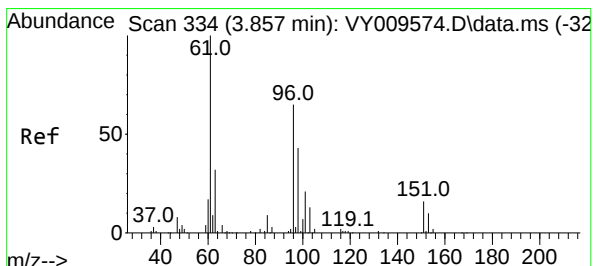
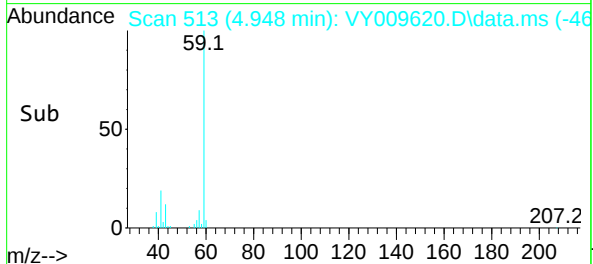
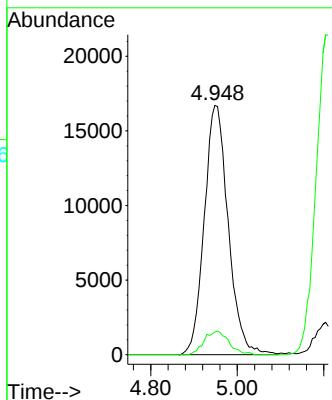
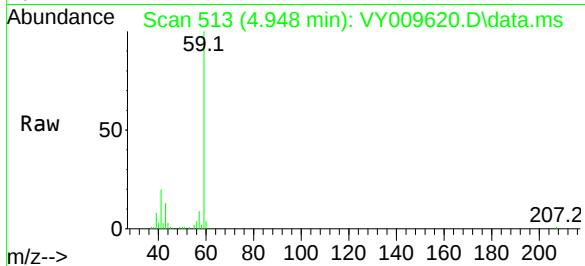




#11
Tert butyl alcohol
Concen: 250.728 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

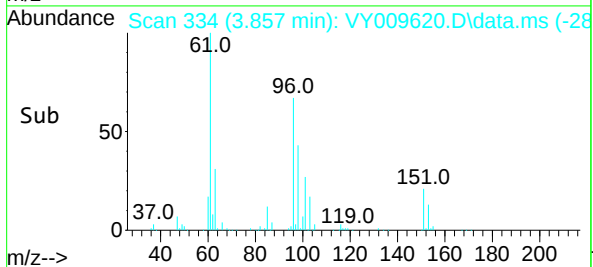
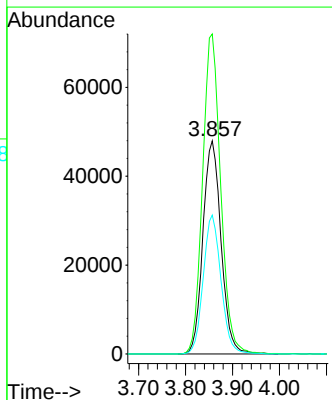
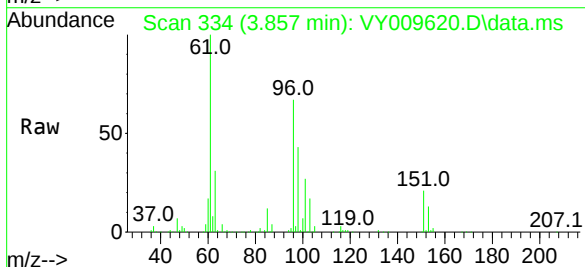
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

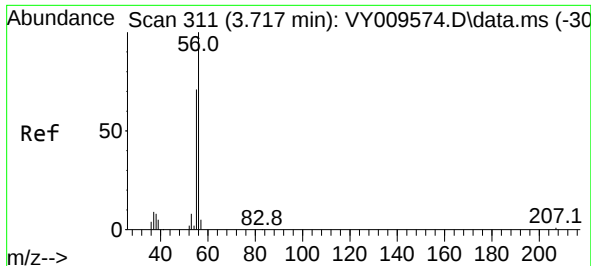
Tgt Ion: 59 Resp: 64138
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 51.359 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 96 Resp: 128404
Ion Ratio Lower Upper
96 100
61 150.2 145.8 218.6
98 65.2 52.5 78.7

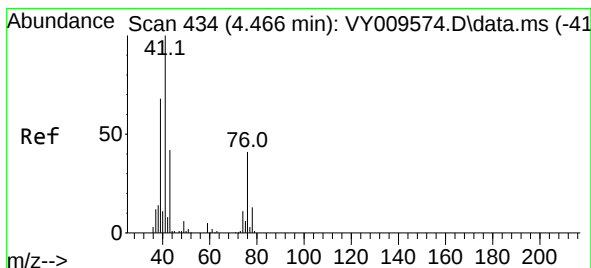
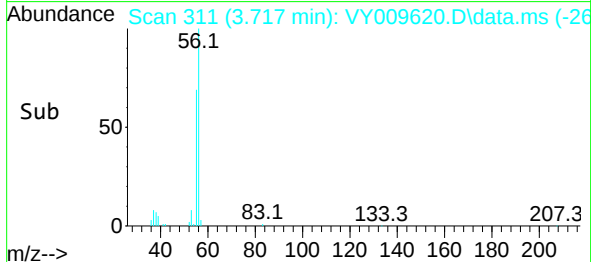
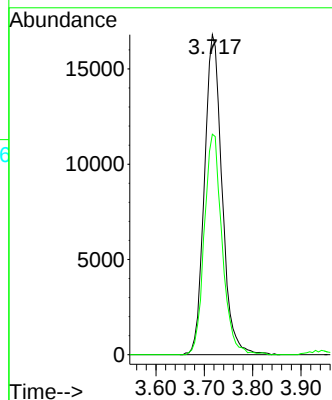
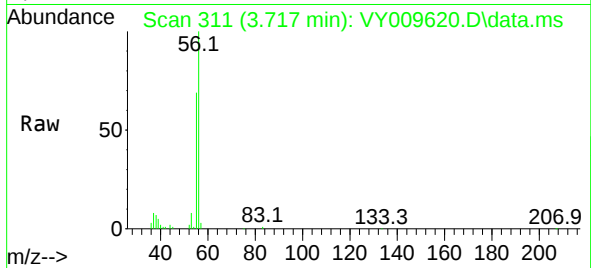




#13
Acrolein
Concen: 231.460 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

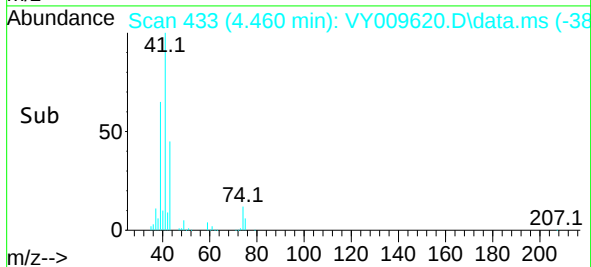
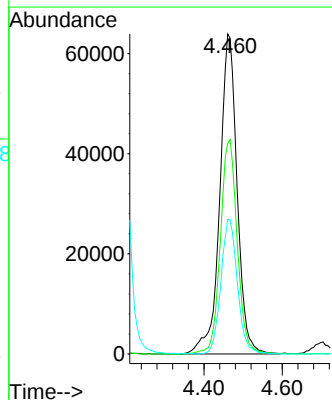
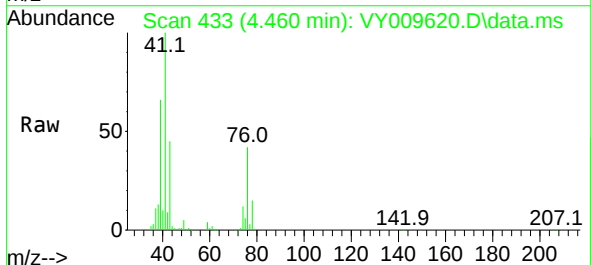
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

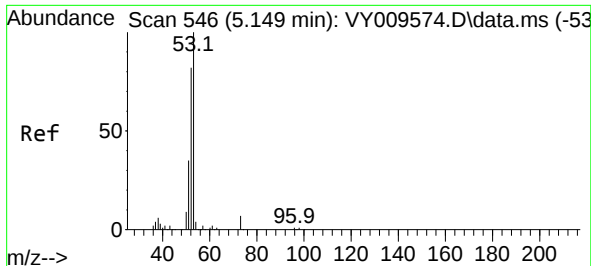
Tgt Ion: 56 Resp: 42547
Ion Ratio Lower Upper
56 100
55 69.7 57.6 86.4



#14
Allyl chloride
Concen: 51.035 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

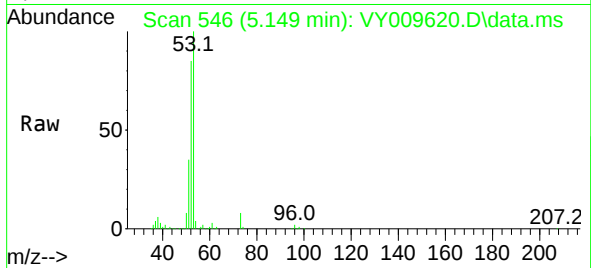
Tgt Ion: 41 Resp: 197376
Ion Ratio Lower Upper
41 100
39 65.2 58.8 88.2
76 40.0 25.1 37.7#



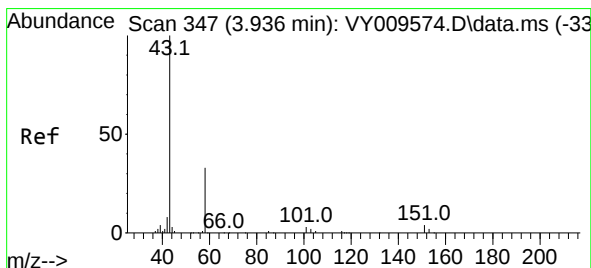
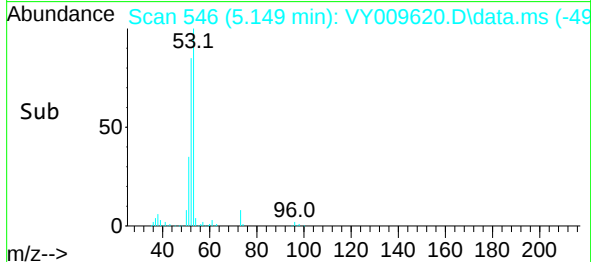
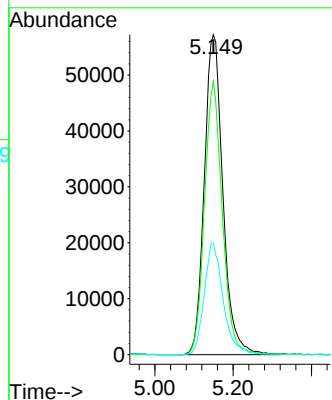


#15
Acrylonitrile
Concen: 265.949 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

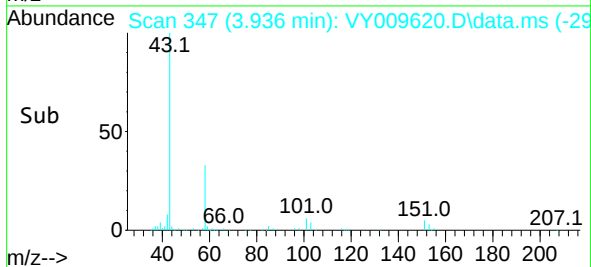
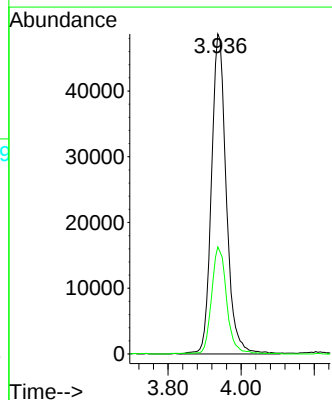
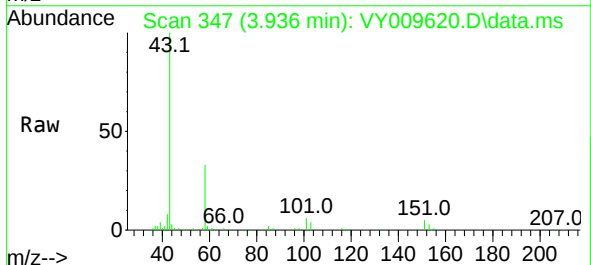


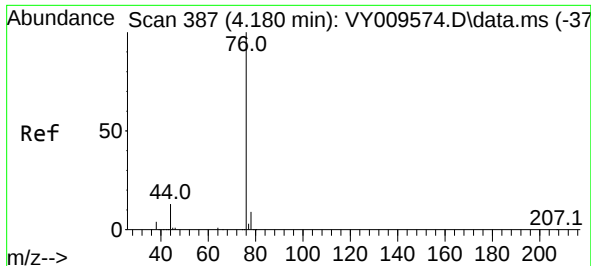
Tgt Ion:	53	Resp:	188258
Ion	Ratio	Lower	Upper
53	100		
52	81.7	67.0	100.4
51	35.5	29.8	44.6



#16
Acetone
Concen: 210.829 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion:	43	Resp:	137130
Ion	Ratio	Lower	Upper
43	100		
58	33.3	22.0	33.0#

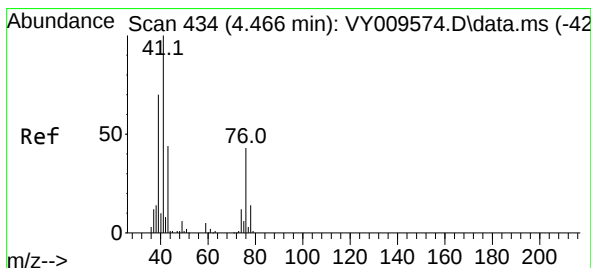
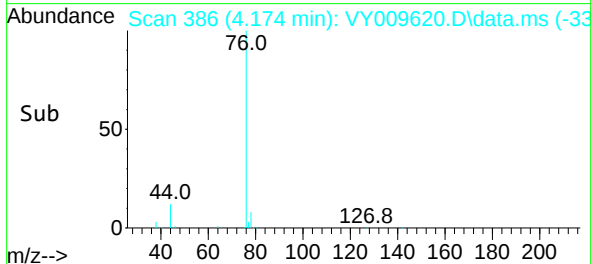
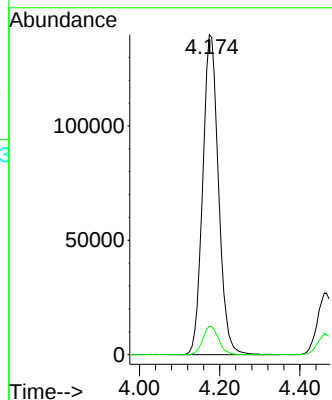
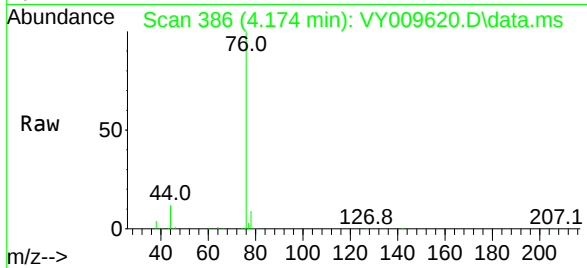




#17
Carbon Disulfide
Concen: 49.133 ug/l
RT: 4.174 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

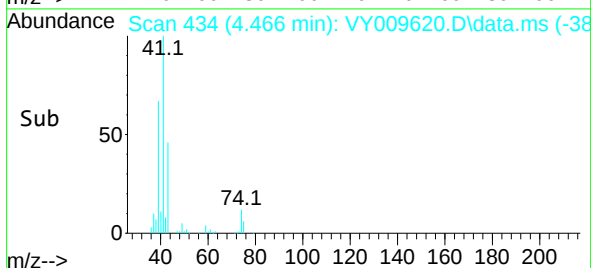
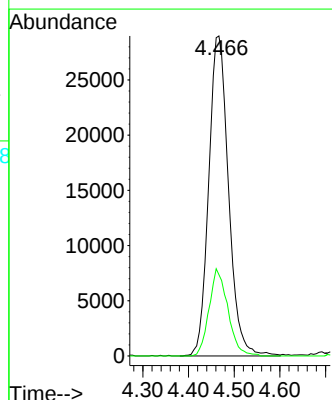
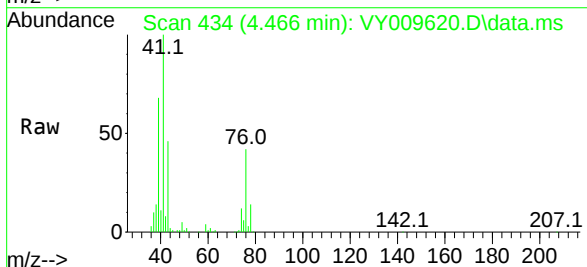
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

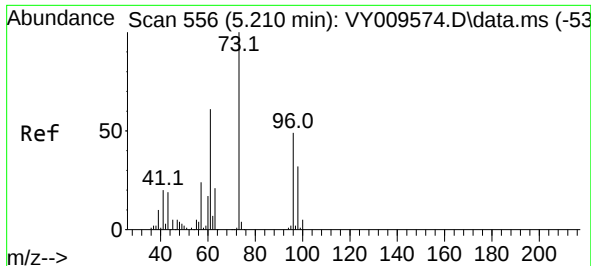
Tgt Ion: 76 Resp: 381872
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 47.798 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 43 Resp: 87269
Ion Ratio Lower Upper
43 100
74 25.8 16.6 24.8#

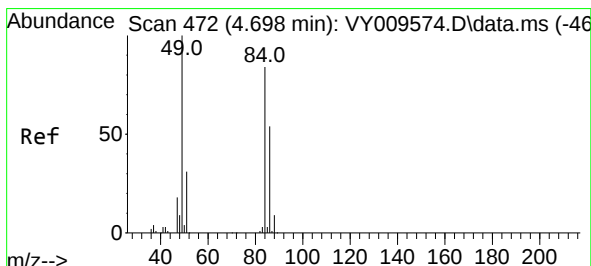
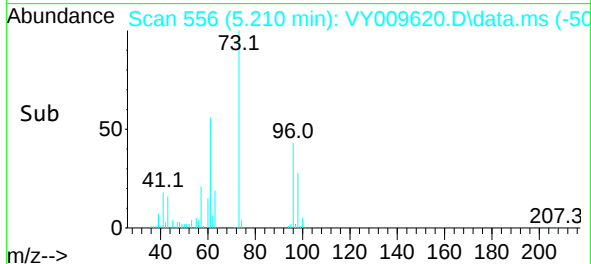
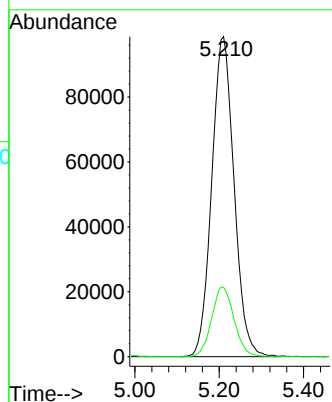
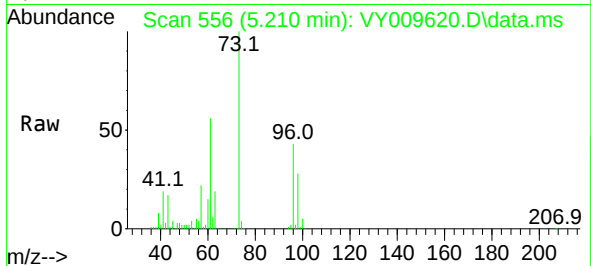




#19
Methyl tert-butyl Ether
Concen: 54.917 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

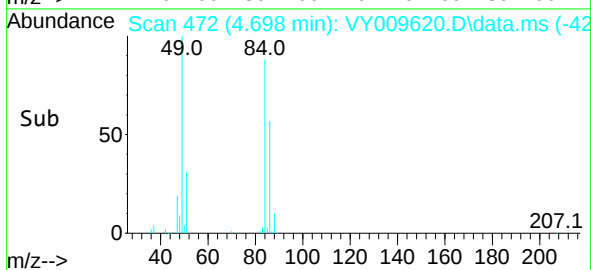
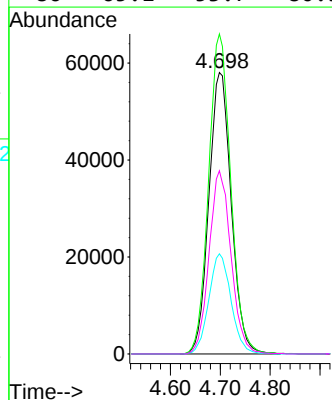
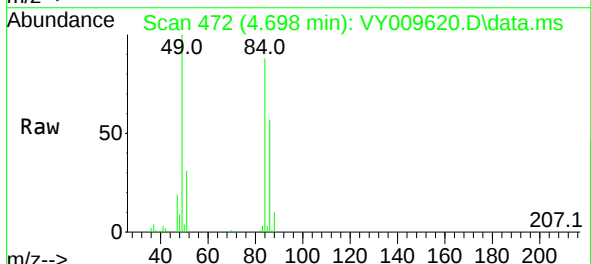
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

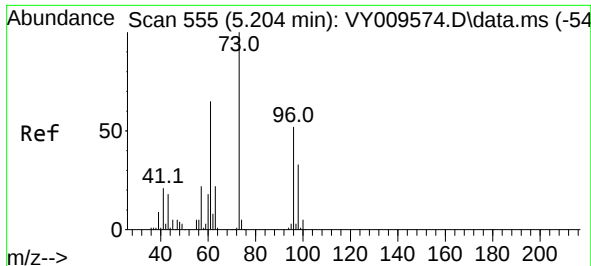
Tgt Ion: 73 Resp: 361861
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8



#20
Methylene Chloride
Concen: 56.907 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 84 Resp: 180719
Ion Ratio Lower Upper
84 100
49 113.7 114.4 171.6#
51 35.6 35.3 52.9
86 65.1 53.7 80.5

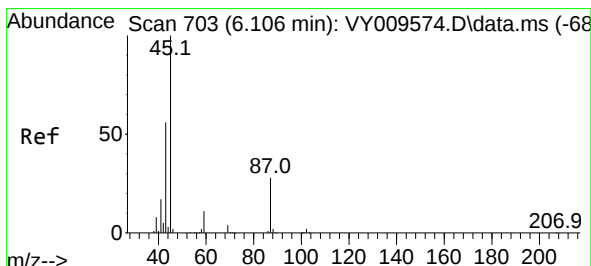
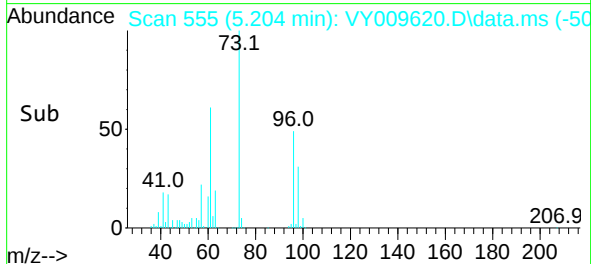
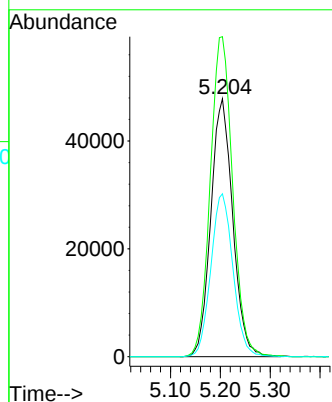
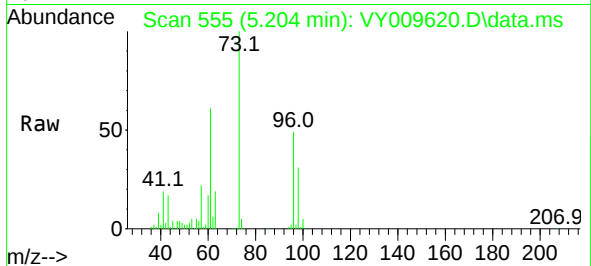




#21
trans-1,2-Dichloroethene
Concen: 51.679 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

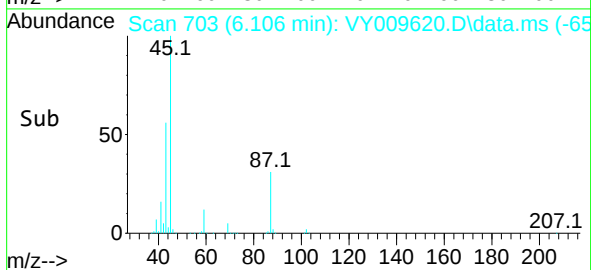
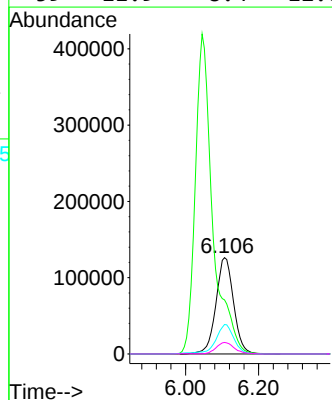
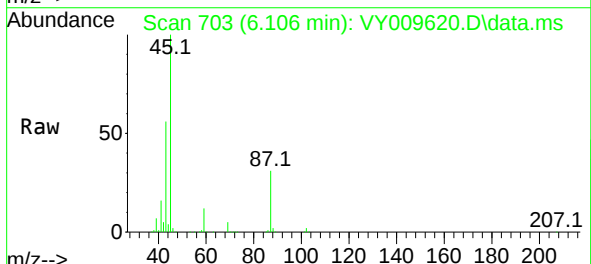
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

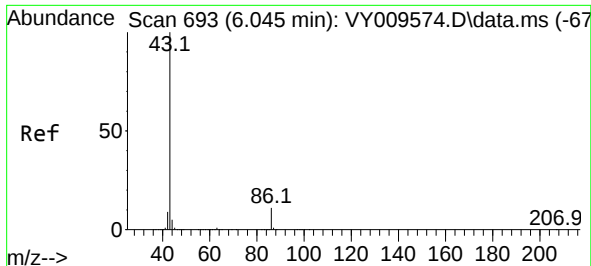
Tgt Ion: 96 Resp: 146237
Ion Ratio Lower Upper
96 100
61 124.1 120.5 180.7
98 63.1 49.8 74.8



#22
Diisopropyl ether
Concen: 51.441 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 45 Resp: 424826
Ion Ratio Lower Upper
45 100
43 56.0 49.3 73.9
87 30.6 19.2 28.8#
59 11.9 8.4 12.6

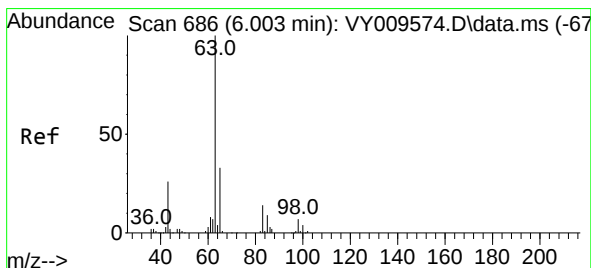
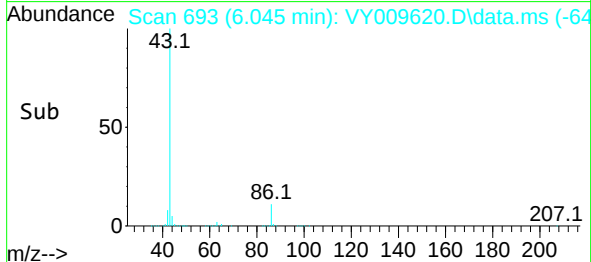
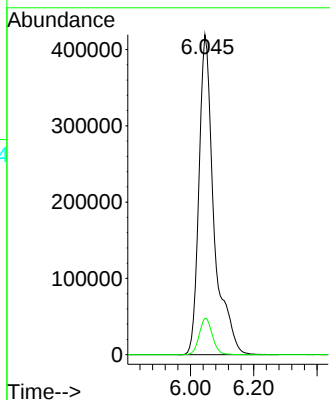
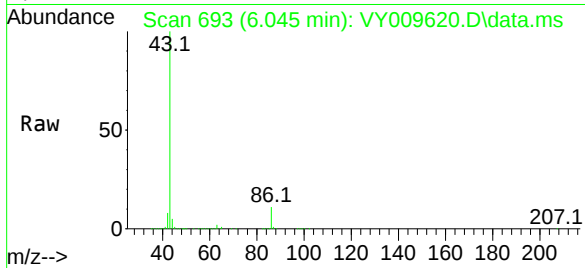




#23
 Vinyl Acetate
 Concen: 265.543 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009620.D
 Acq: 20 Jul 2022 18:16

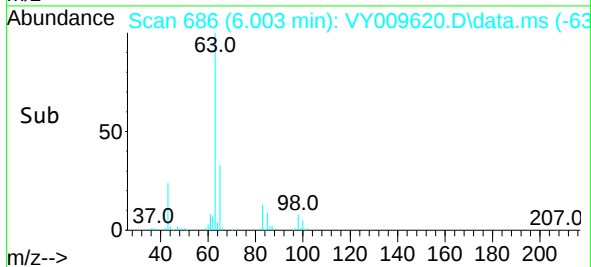
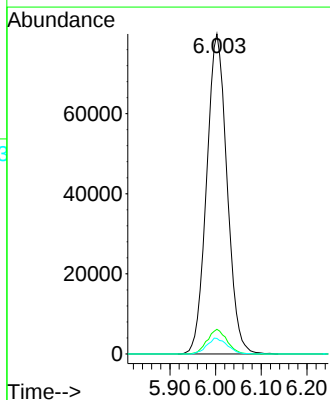
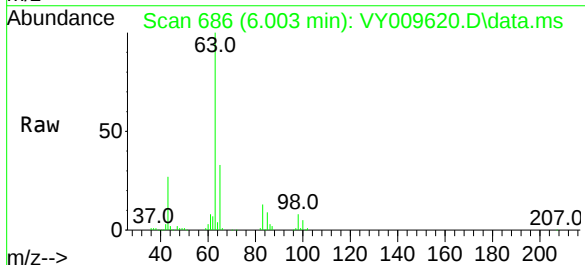
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

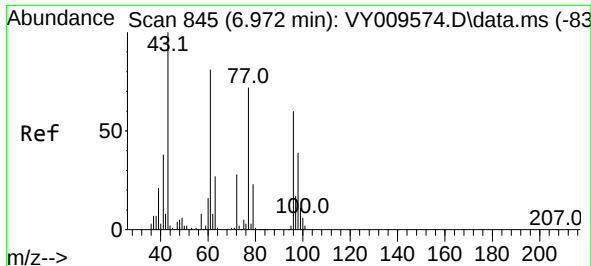
Tgt Ion: 43 Resp: 1383646
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.946 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009620.D
 Acq: 20 Jul 2022 18:16

Tgt Ion: 63 Resp: 247776
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.8 2.0 5.8

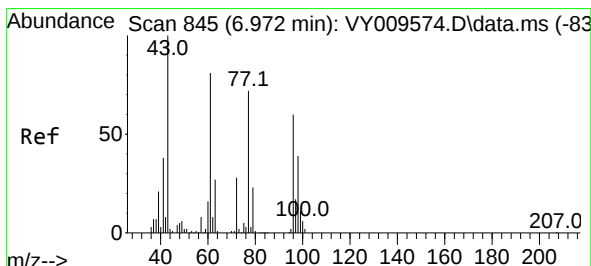
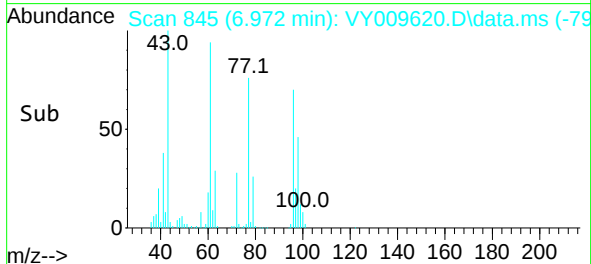
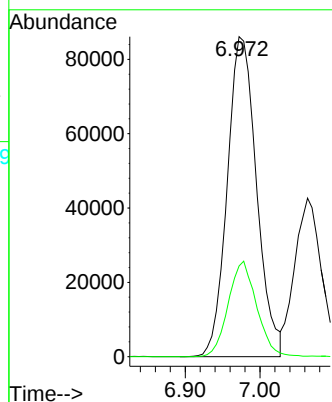
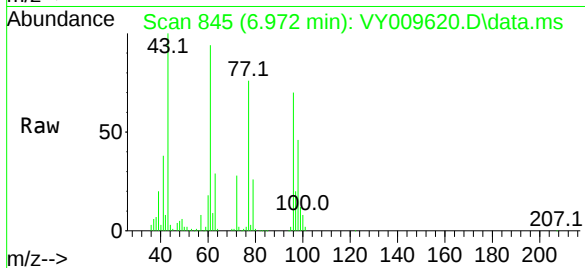




#25
2-Butanone
Concen: 247.536 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

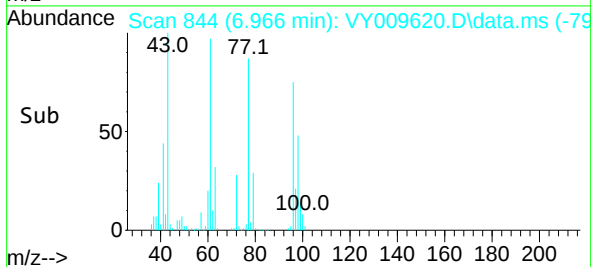
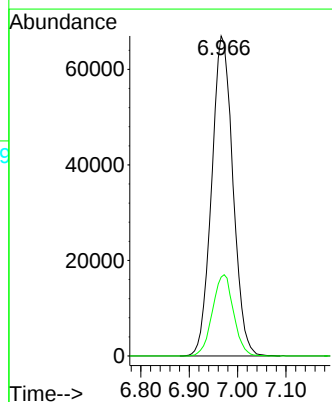
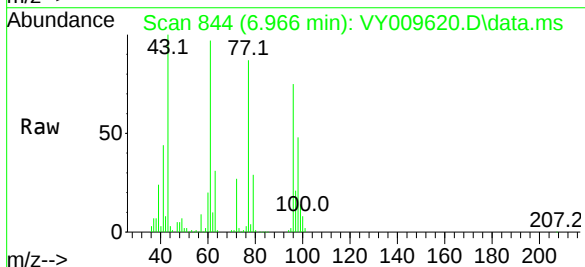
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

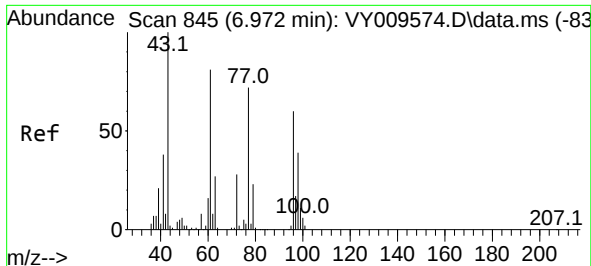
Tgt Ion: 43 Resp: 234857
Ion Ratio Lower Upper
43 100
72 28.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 47.956 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 77 Resp: 204918
Ion Ratio Lower Upper
77 100
97 25.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.773 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

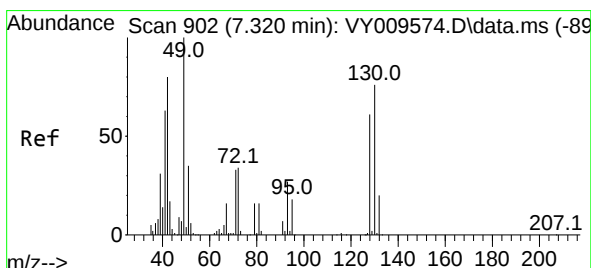
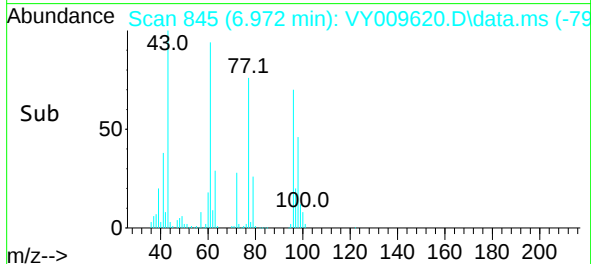
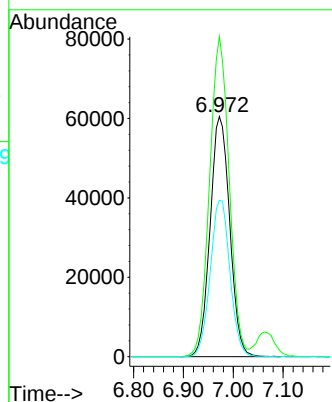
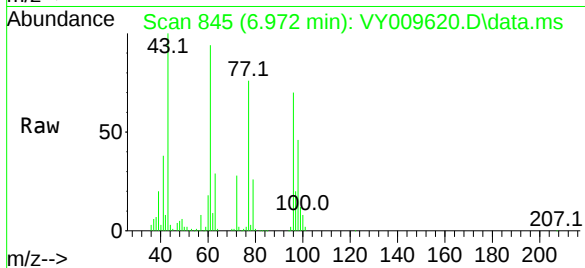
Tgt Ion: 96 Resp: 165102

Ion Ratio Lower Upper

96 100

61 133.7 0.0 319.8

98 65.6 0.0 127.0



#28

Bromochloromethane

Concen: 50.854 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

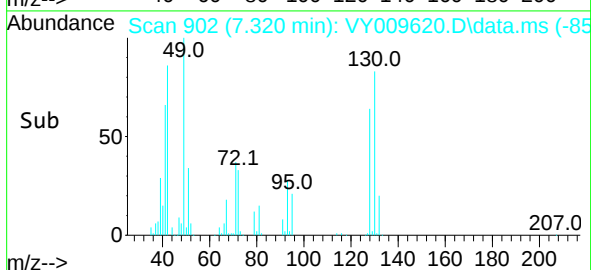
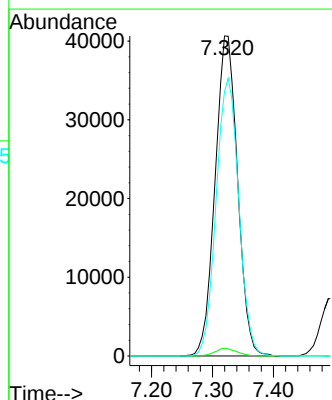
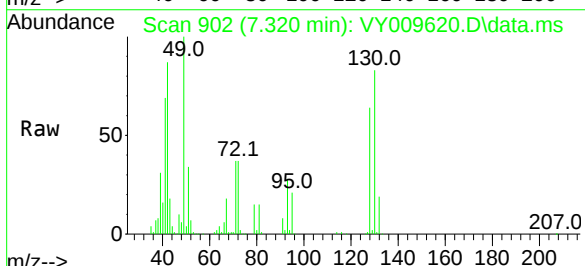
Tgt Ion: 49 Resp: 103931

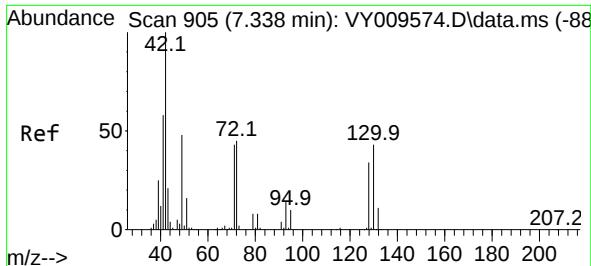
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 87.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 265.505 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

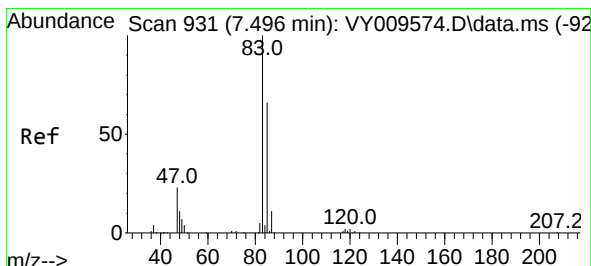
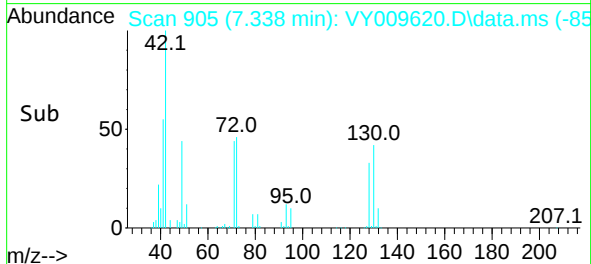
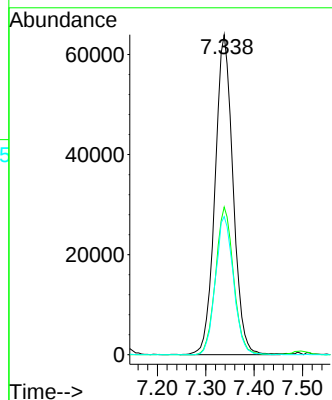
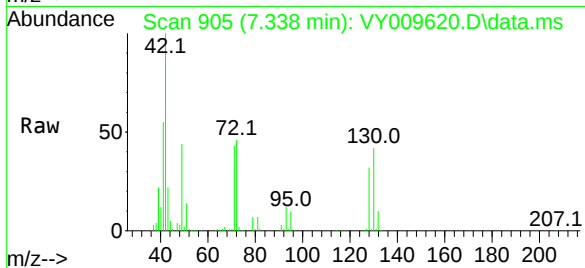
Tgt Ion: 42 Resp: 165386

Ion Ratio Lower Upper

42 100

72 45.9 30.3 45.5#

71 43.2 29.0 43.4



#30

Chloroform

Concen: 52.138 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009620.D

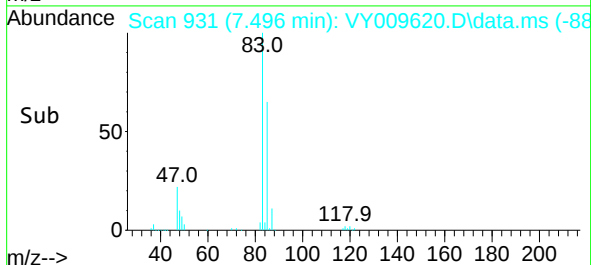
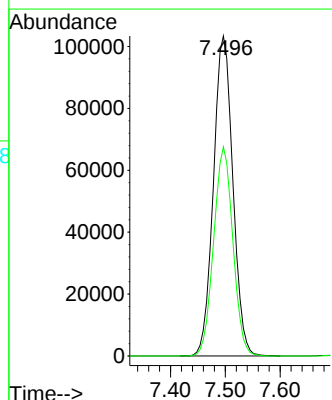
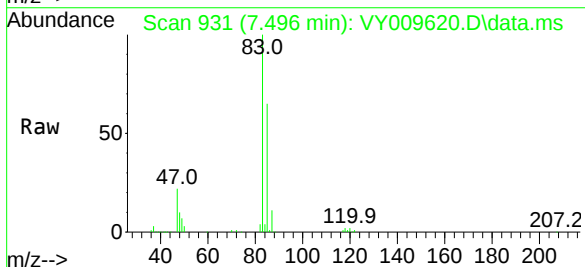
Acq: 20 Jul 2022 18:16

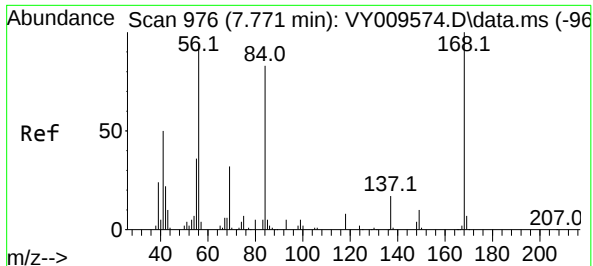
Tgt Ion: 83 Resp: 254404

Ion Ratio Lower Upper

83 100

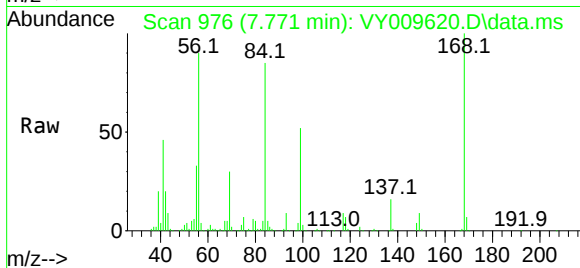
85 65.4 51.8 77.6



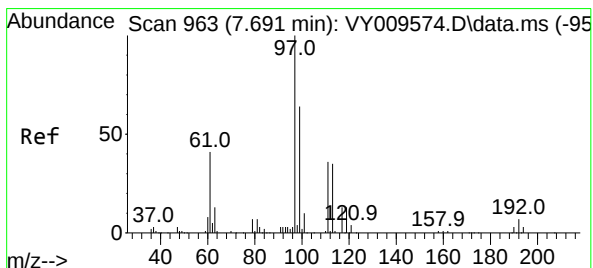
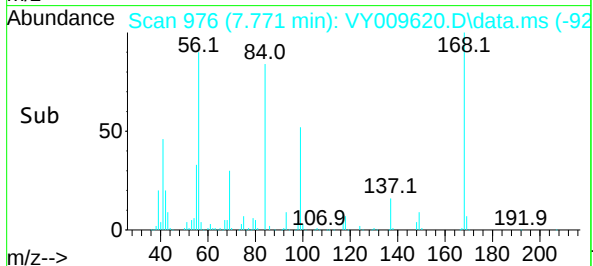
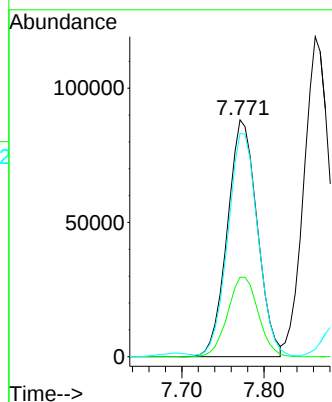


#31
Cyclohexane
Concen: 49.074 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

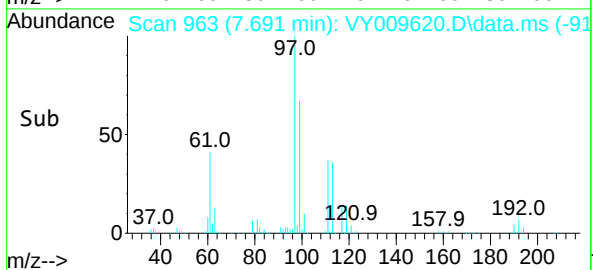
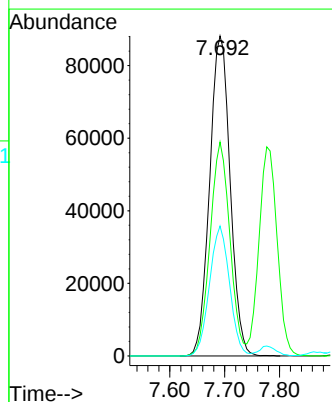
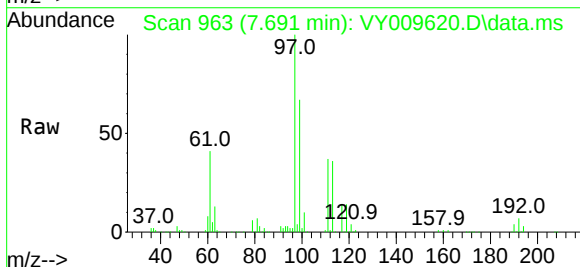


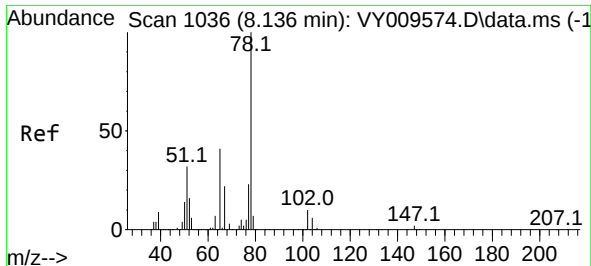
Tgt Ion: 56 Resp: 222488
Ion Ratio Lower Upper
56 100
69 33.6 26.7 40.1
84 92.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.248 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 97 Resp: 228669
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 39.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.387 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

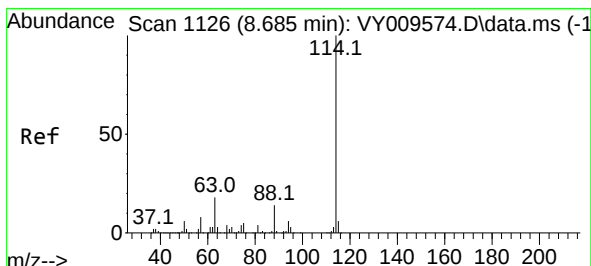
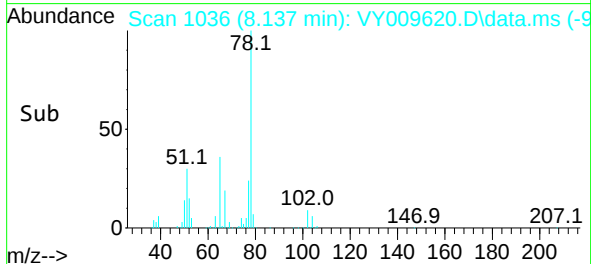
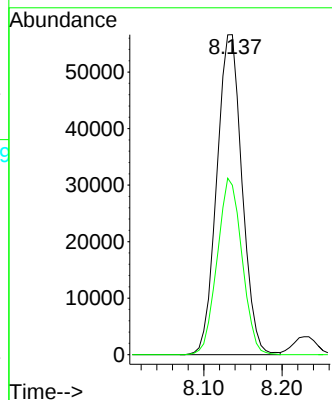
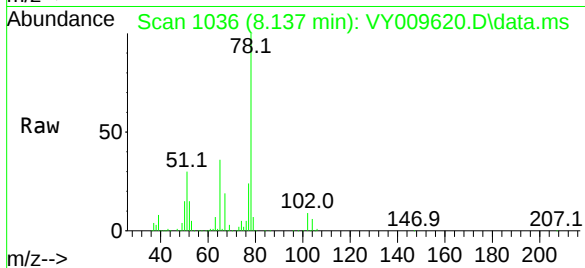
VSTDCCC050EC

Tgt Ion: 65 Resp: 126985

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

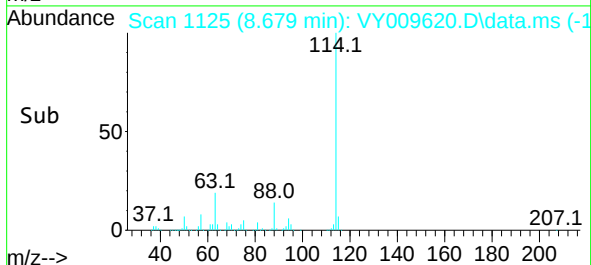
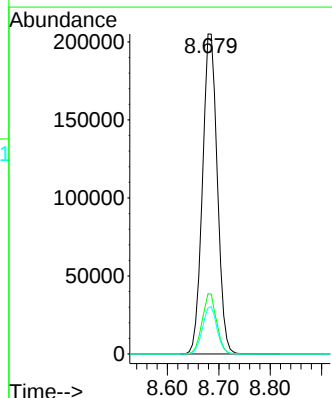
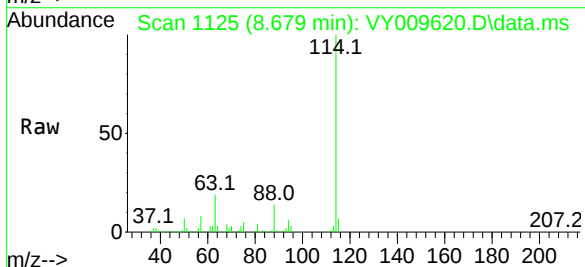
Tgt Ion: 114 Resp: 409750

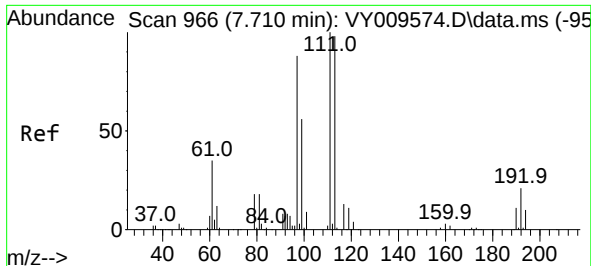
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.4 0.0 31.8

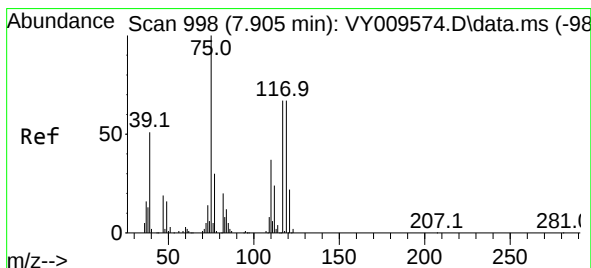
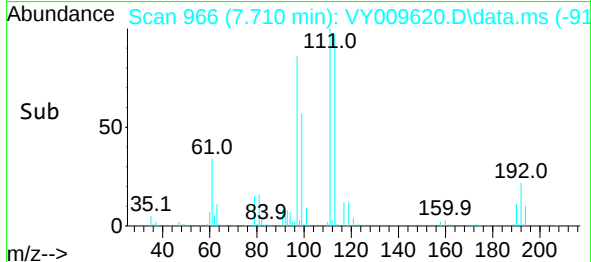
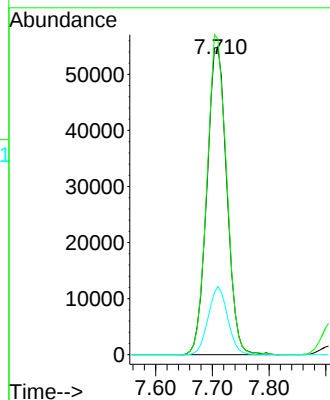
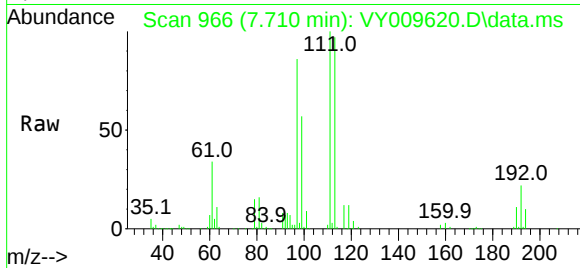




#35
Dibromofluoromethane
Concen: 51.998 ug/l
RT: 7.710 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

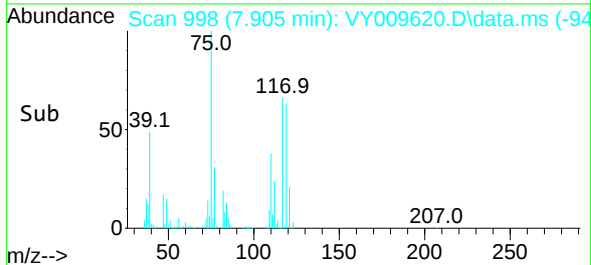
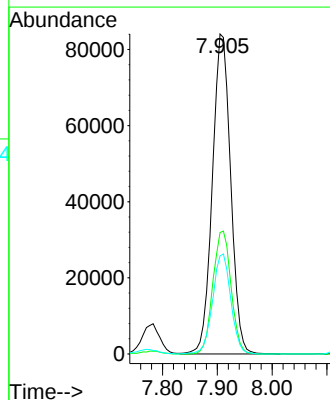
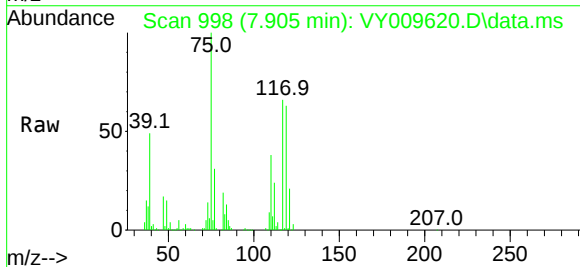
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

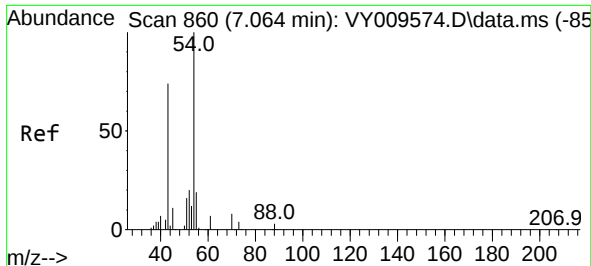
Tgt Ion:113 Resp: 134228
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.044 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 75 Resp: 194713
Ion Ratio Lower Upper
75 100
110 38.1 17.1 51.2
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 51.620 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

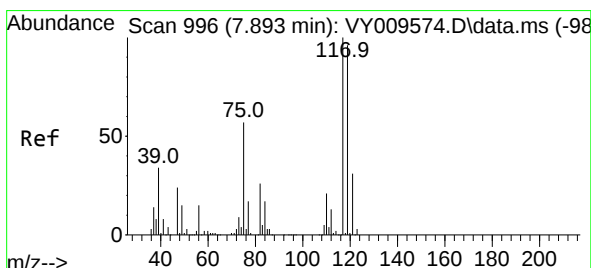
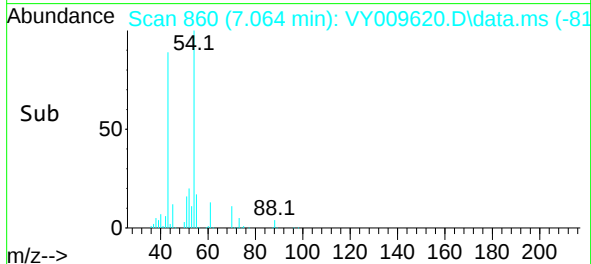
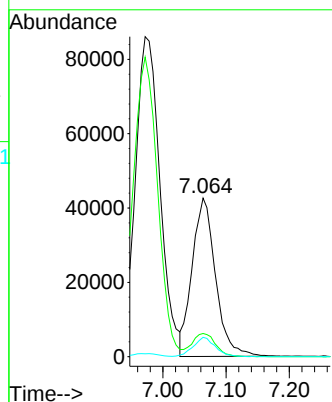
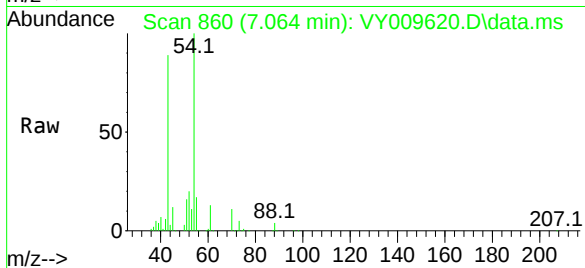
Tgt Ion: 43 Resp: 109592

Ion Ratio Lower Upper

43 100

61 14.6 9.7 14.5#

70 11.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.435 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

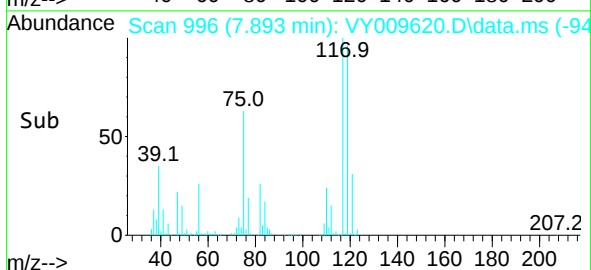
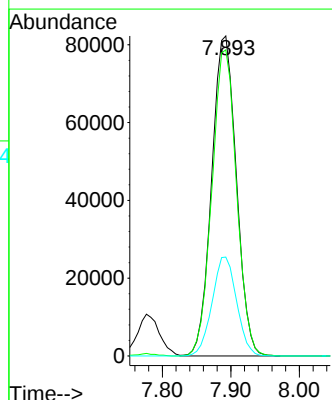
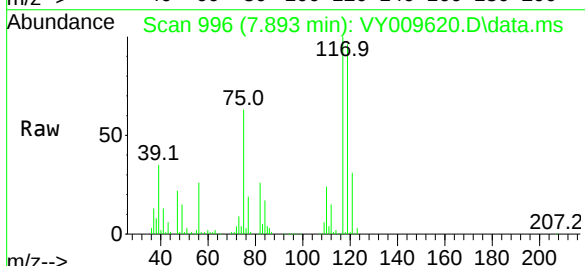
Tgt Ion: 117 Resp: 205389

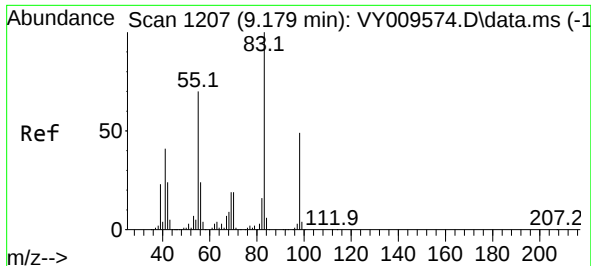
Ion Ratio Lower Upper

117 100

119 95.6 77.9 116.9

121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 52.901 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

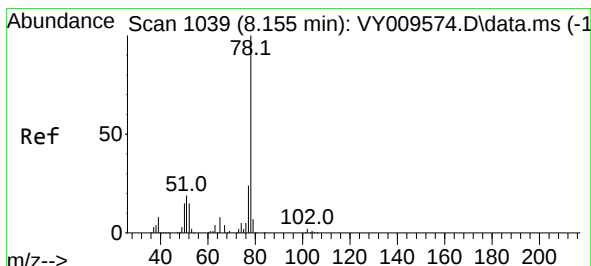
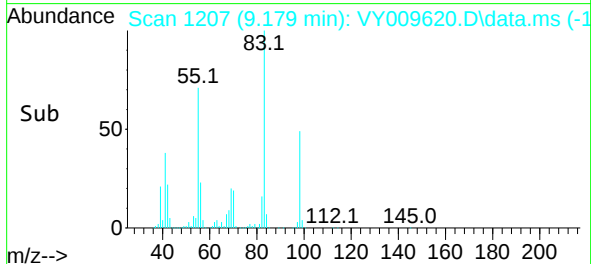
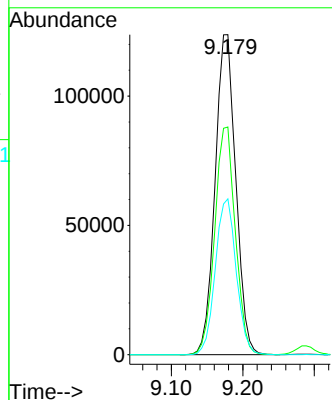
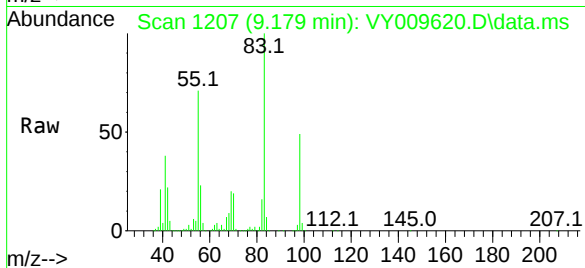
Tgt Ion: 83 Resp: 248821

Ion Ratio Lower Upper

83 100

55 71.1 66.5 99.7

98 48.7 37.9 56.9



#40

Benzene

Concen: 51.495 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009620.D

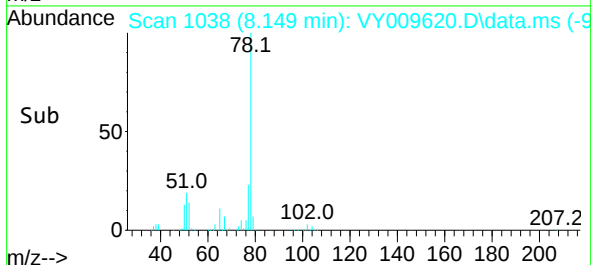
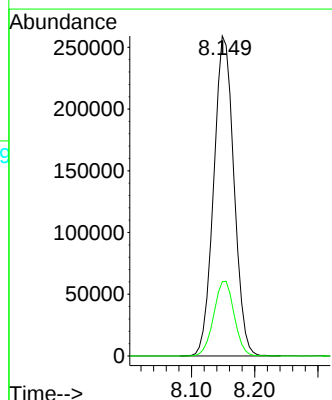
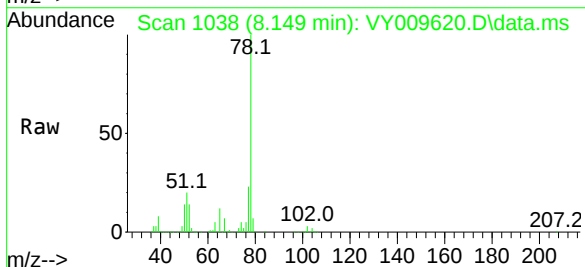
Acq: 20 Jul 2022 18:16

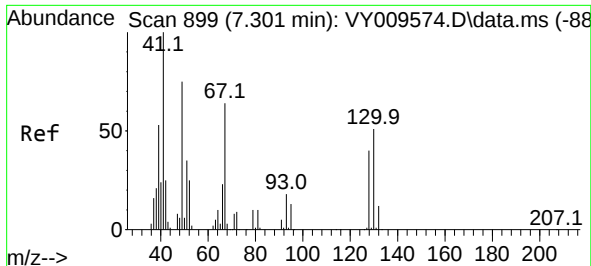
Tgt Ion: 78 Resp: 574779

Ion Ratio Lower Upper

78 100

77 23.2 20.4 30.6

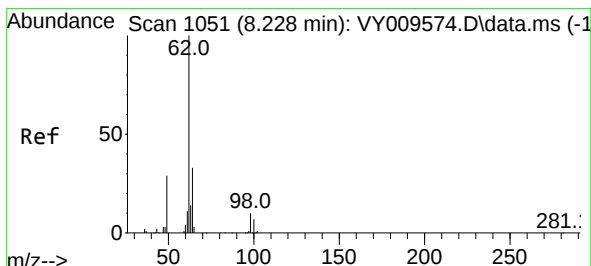
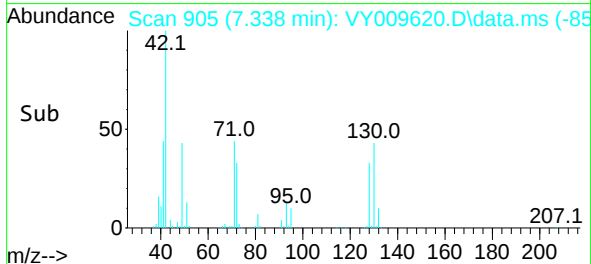
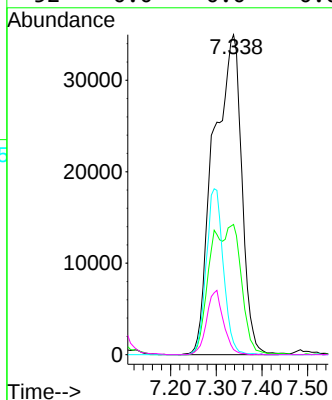
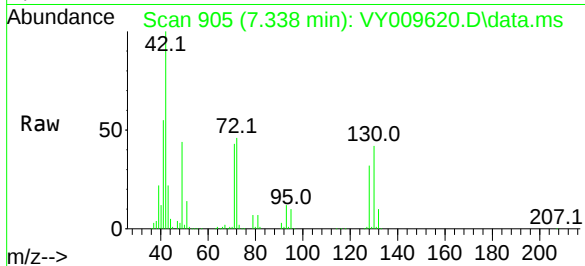




#41
Methacrylonitrile
Concen: 146.578 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

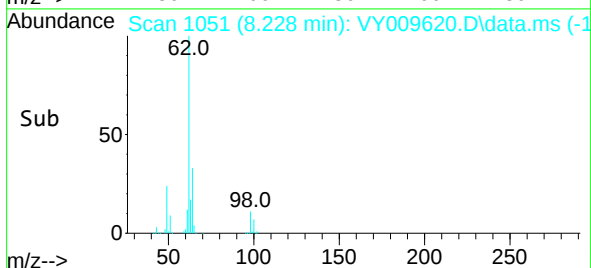
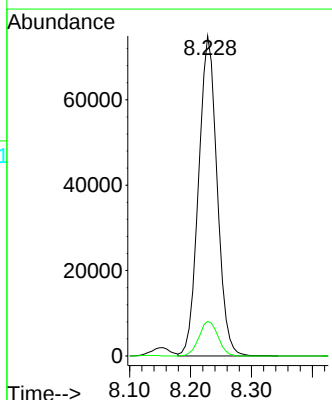
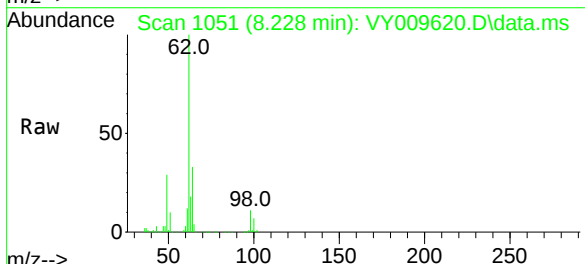
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

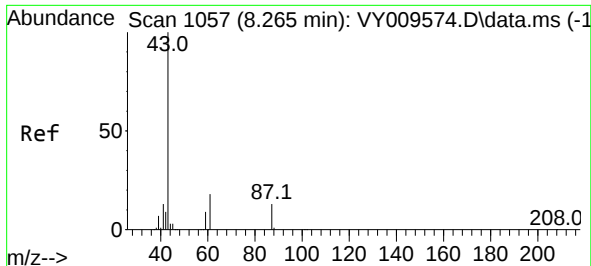
Tgt Ion: 41 Resp: 149328
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.614 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 62 Resp: 158483
Ion Ratio Lower Upper
62 100
98 11.1 0.0 14.8

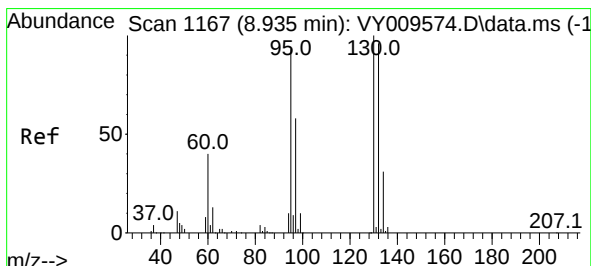
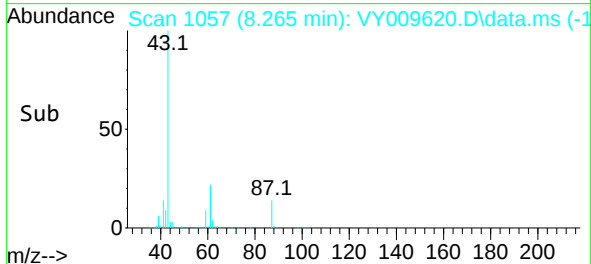
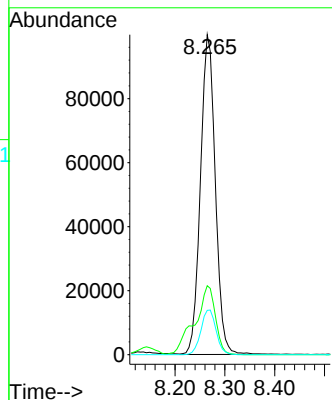
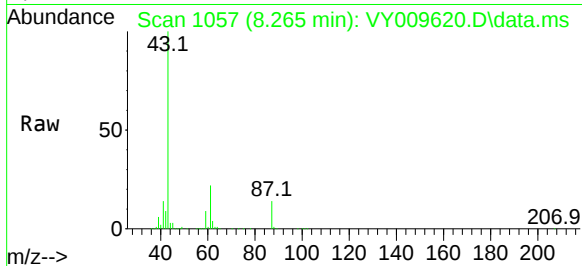




#43
Isopropyl Acetate
Concen: 53.227 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

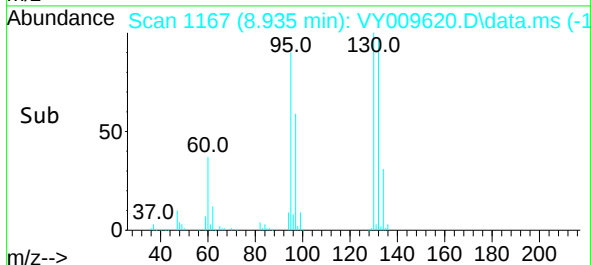
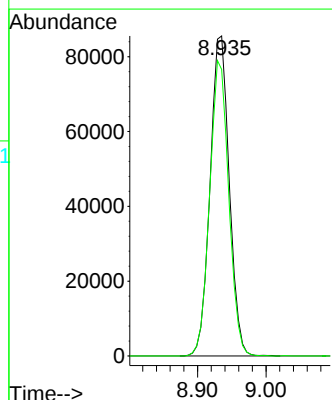
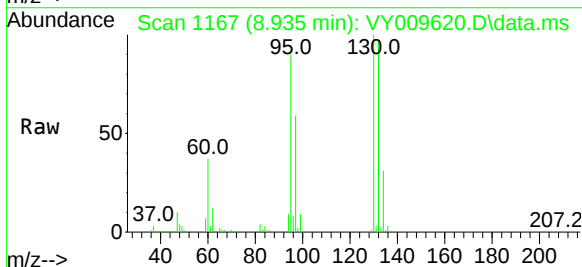
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

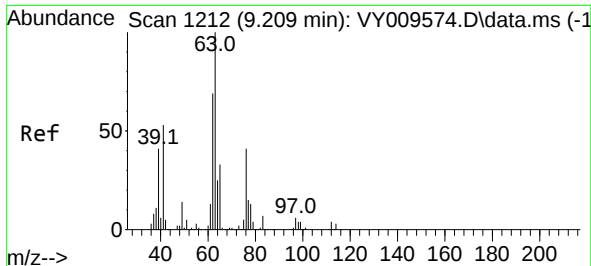
Tgt Ion: 43 Resp: 207067
Ion Ratio Lower Upper
43 100
61 29.9 20.2 30.2
87 14.2 8.9 13.3#



#44
Trichloroethene
Concen: 52.433 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion:130 Resp: 166447
Ion Ratio Lower Upper
130 100
95 89.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.051 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

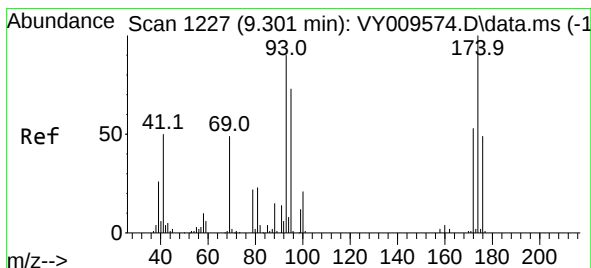
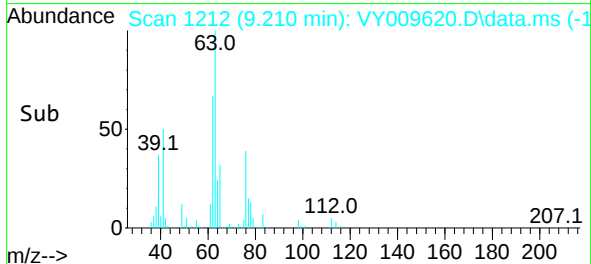
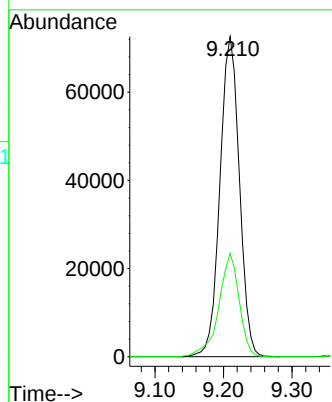
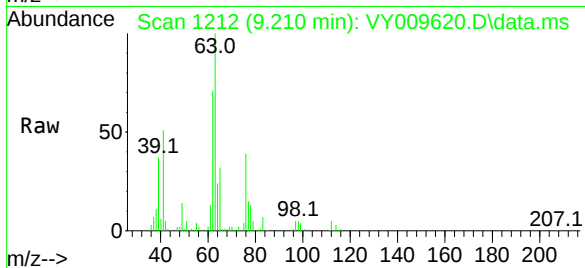
VSTDCCC050EC

Tgt Ion: 63 Resp: 142543

Ion Ratio Lower Upper

63 100

65 32.3 23.0 34.6



#46

Dibromomethane

Concen: 53.505 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

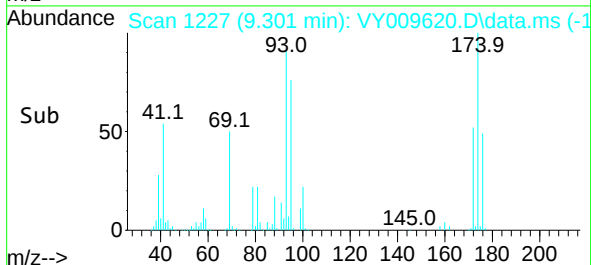
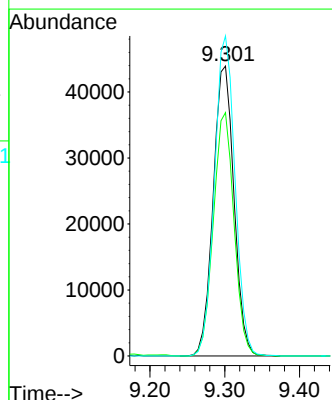
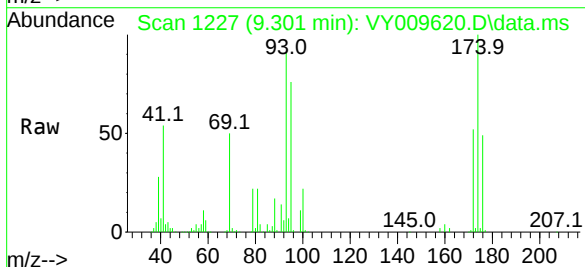
Tgt Ion: 93 Resp: 85099

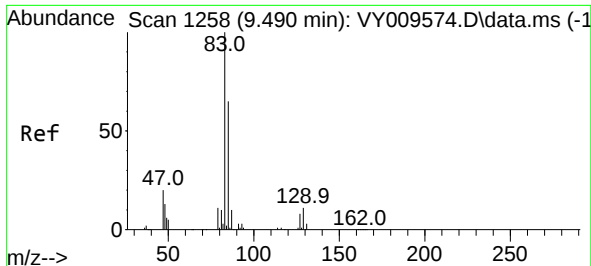
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

174 109.1 83.4 125.0





#47

Bromodichloromethane

Concen: 52.695 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

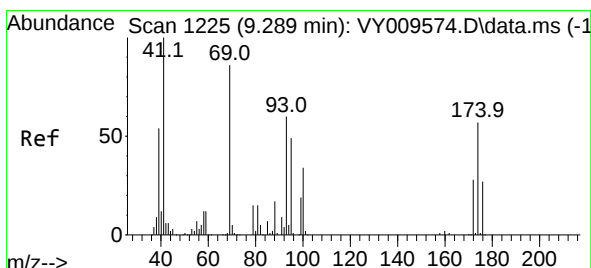
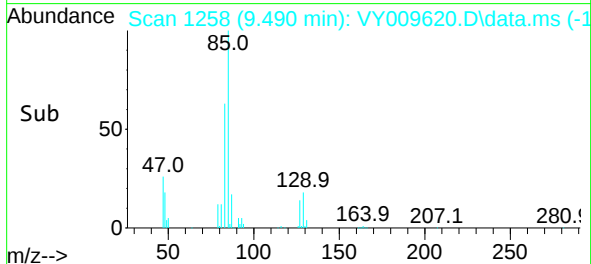
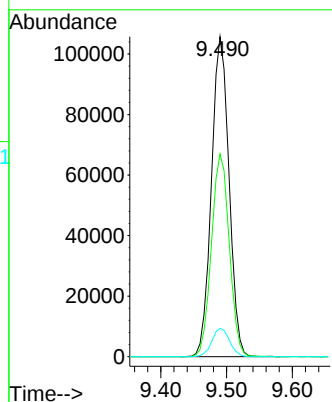
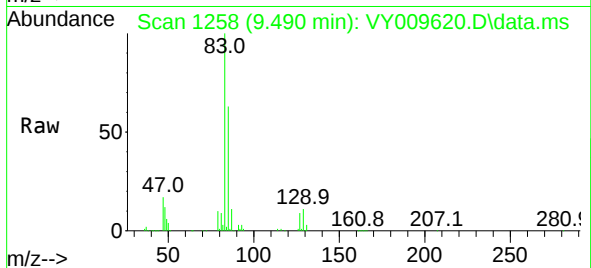
Tgt Ion: 83 Resp: 196523

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9

127 8.9 6.6 10.0



#48

Methyl methacrylate

Concen: 53.428 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

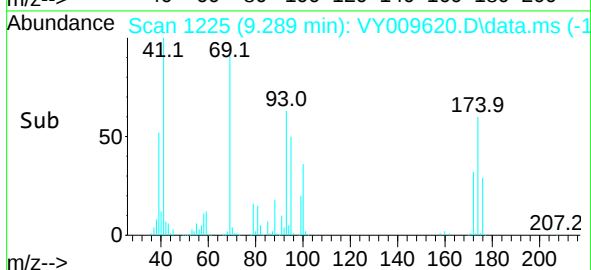
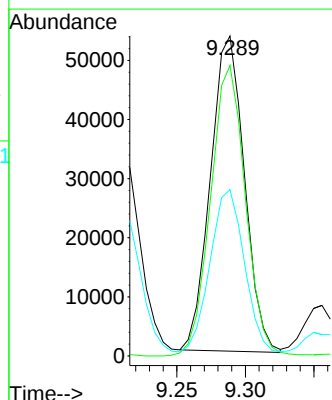
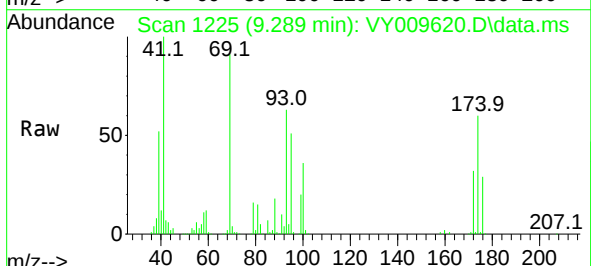
Tgt Ion: 41 Resp: 91830

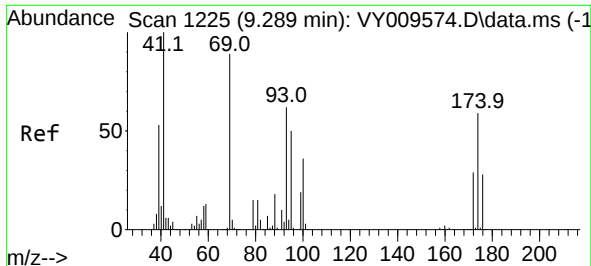
Ion Ratio Lower Upper

41 100

69 94.5 58.2 87.2#

39 52.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1185.486 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

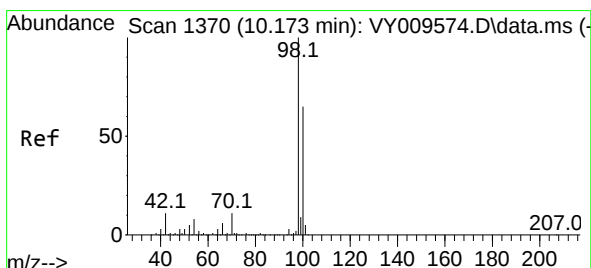
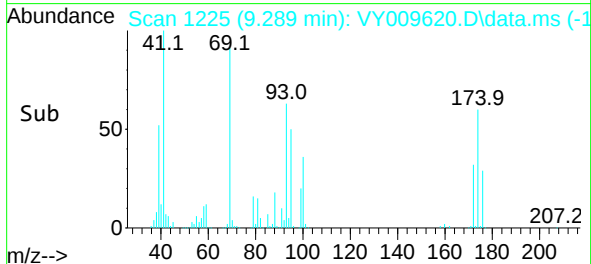
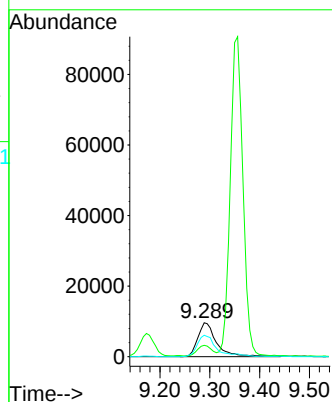
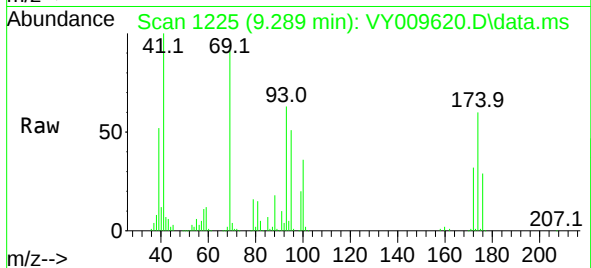
Tgt Ion: 88 Resp: 25133

Ion Ratio Lower Upper

88 100

43 24.4 32.8 49.2#

58 65.9 59.8 89.6



#50

Toluene-d8

Concen: 50.718 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009620.D

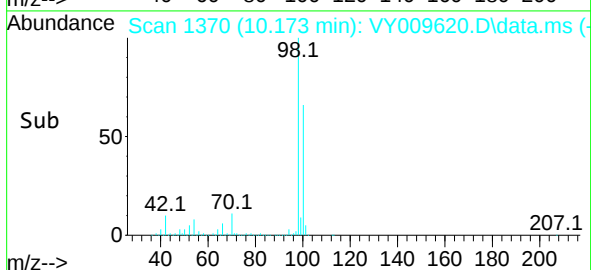
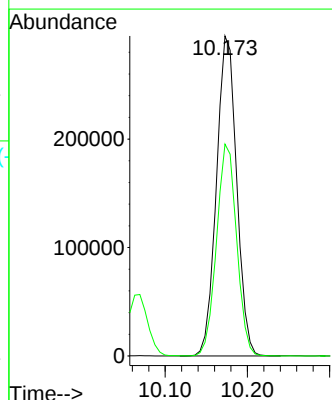
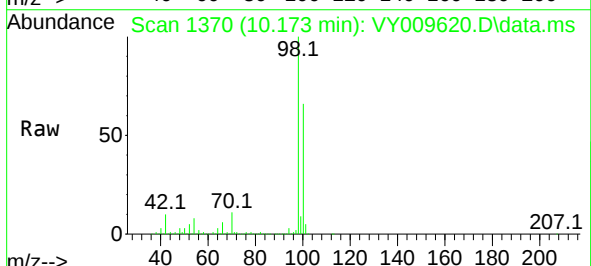
Acq: 20 Jul 2022 18:16

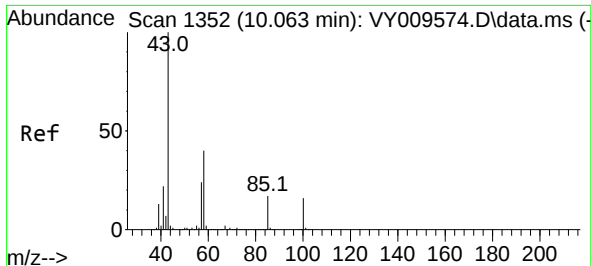
Tgt Ion: 98 Resp: 503312

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

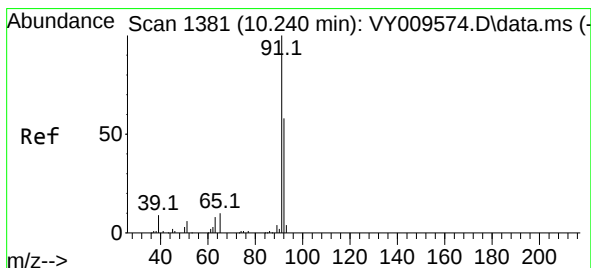
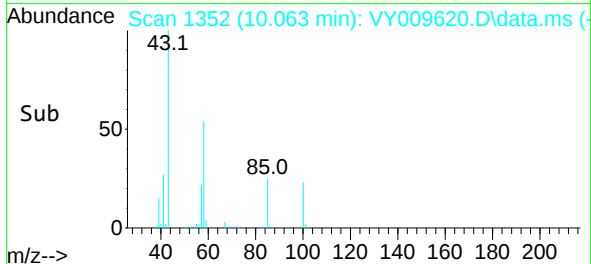
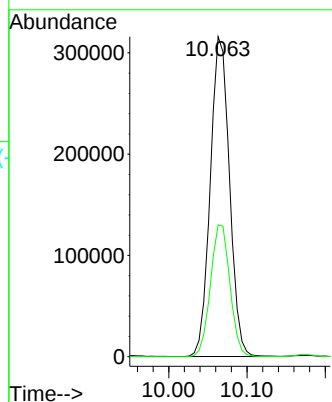
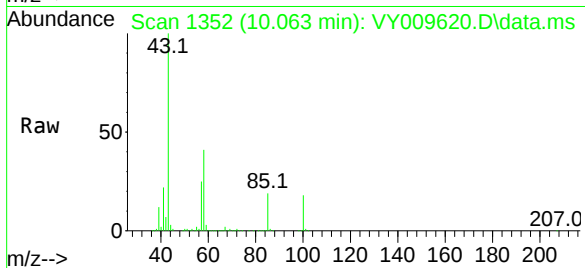




#51
4-Methyl-2-Pentanone
Concen: 266.382 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

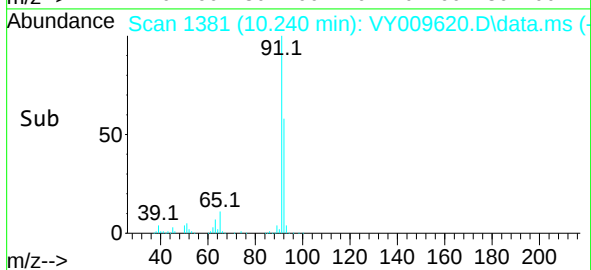
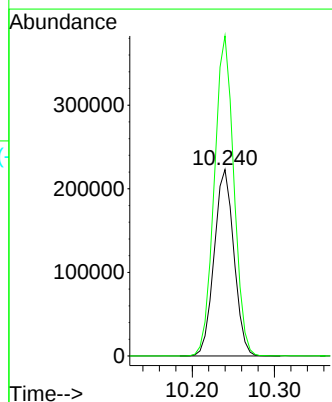
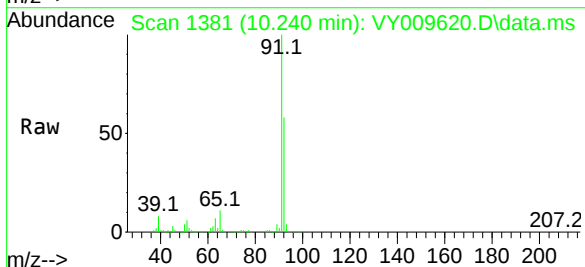
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

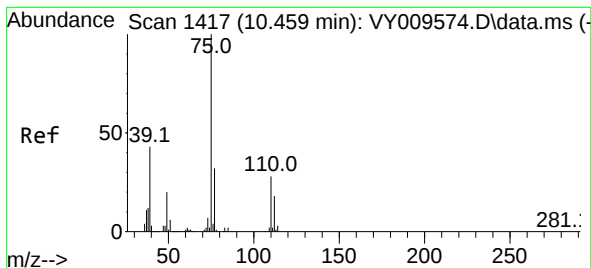
Tgt Ion: 43 Resp: 538070
Ion Ratio Lower Upper
43 100
58 41.8 28.1 42.1



#52
Toluene
Concen: 52.579 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 92 Resp: 371754
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8

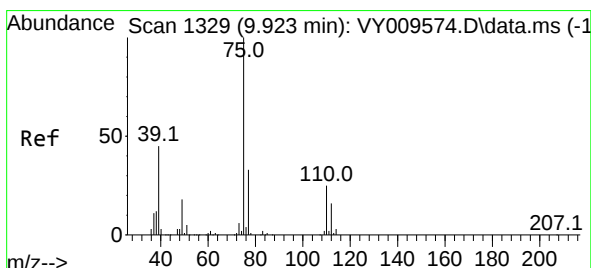
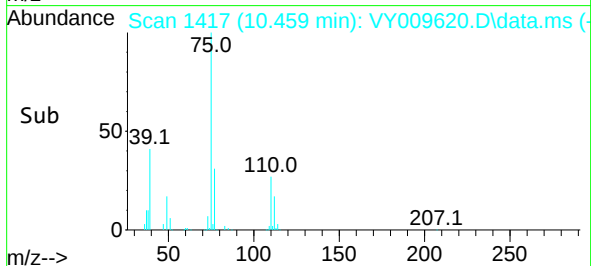
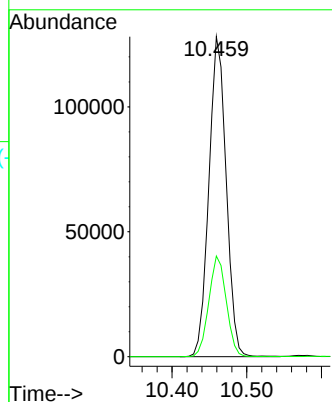
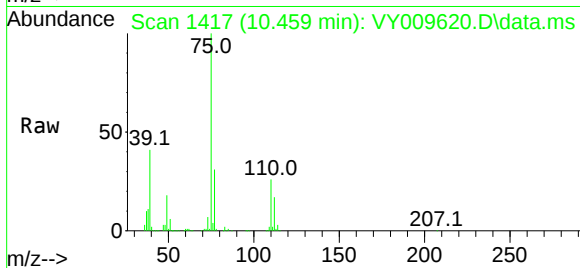




#53
t-1,3-Dichloropropene
Concen: 53.366 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

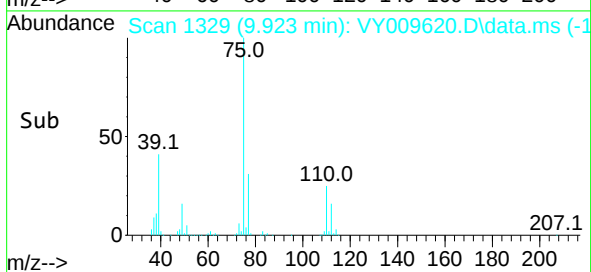
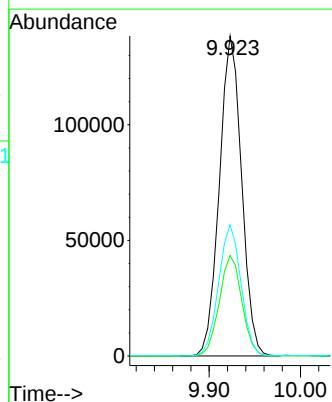
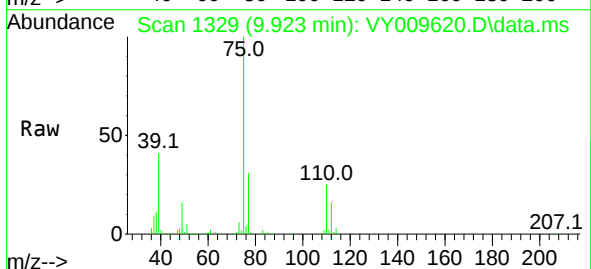
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

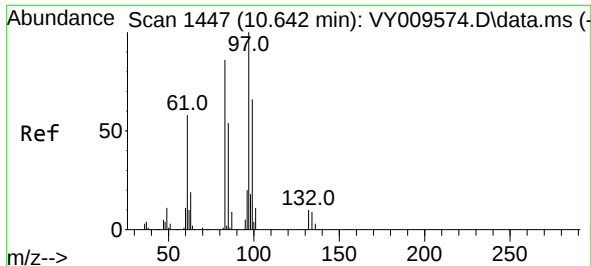
Tgt Ion: 75 Resp: 205564
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.449 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 75 Resp: 234099
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 41.0 47.6 71.4#



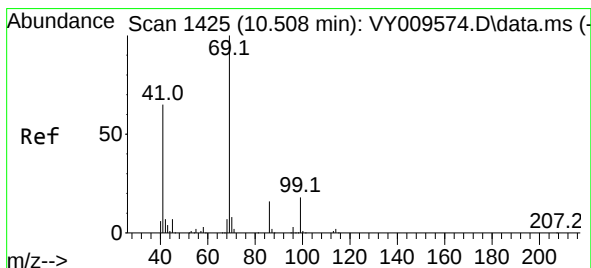
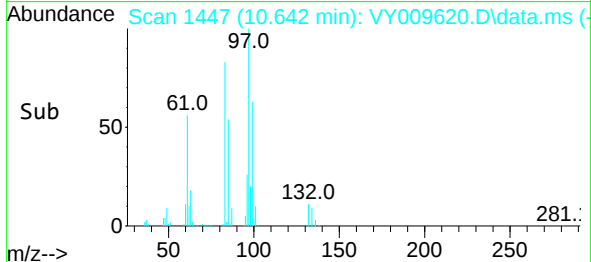
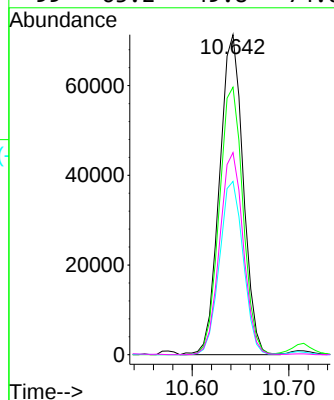
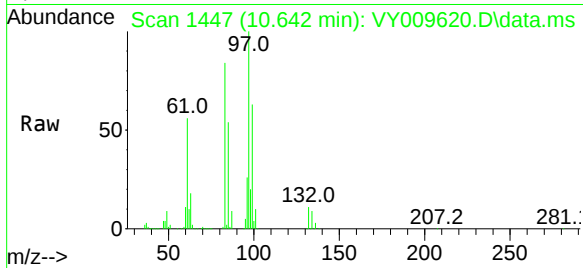


#55
1,1,2-Trichloroethane
Concen: 54.165 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 121328

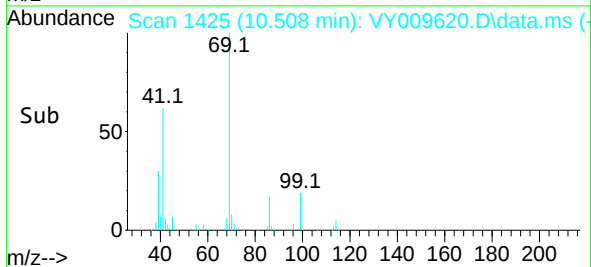
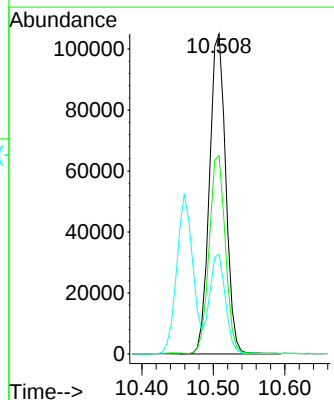
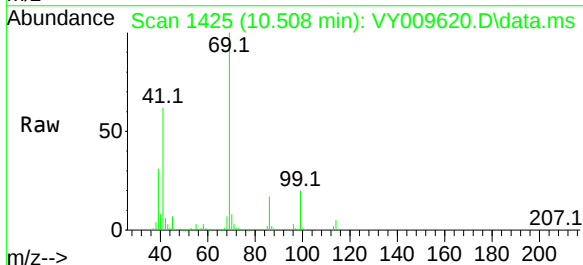
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.8	104.8
85	54.2	44.3	66.5
99	63.2	49.8	74.6

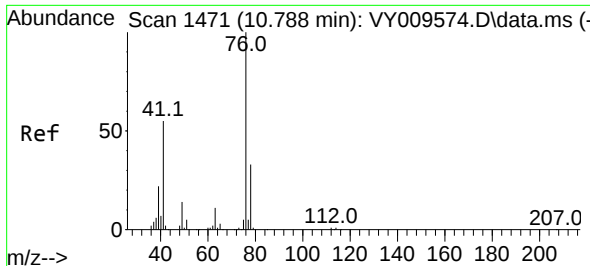


#56
Ethyl methacrylate
Concen: 57.956 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 69 Resp: 166088

Ion	Ratio	Lower	Upper
69	100		
41	61.5	63.4	95.0#
39	30.1	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 53.628 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

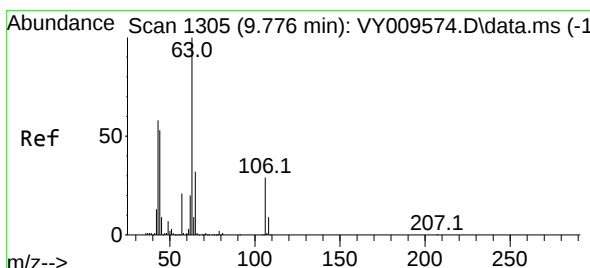
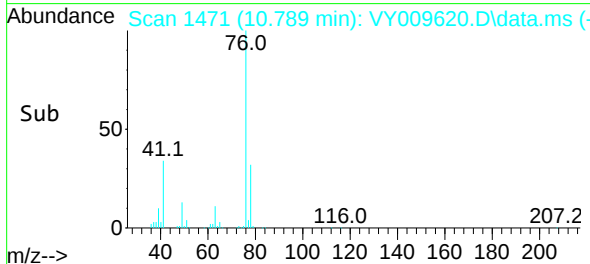
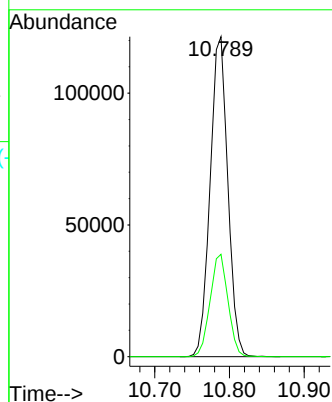
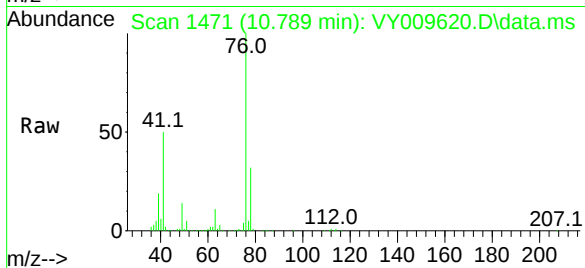
VSTDCCC050EC

Tgt Ion: 76 Resp: 199342

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 272.494 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009620.D

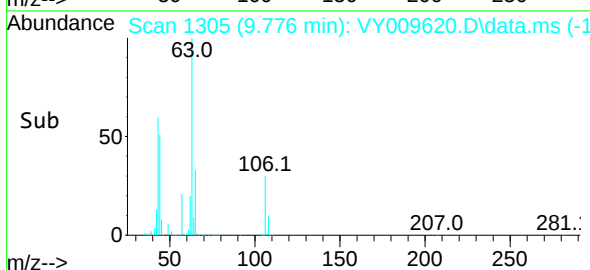
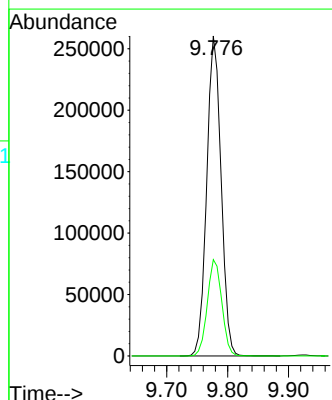
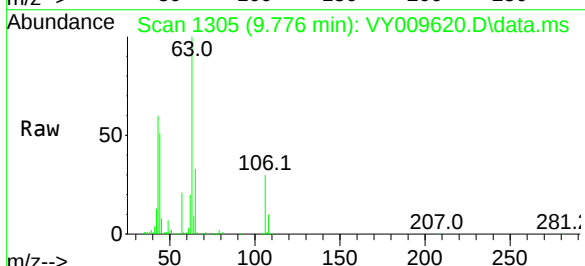
Acq: 20 Jul 2022 18:16

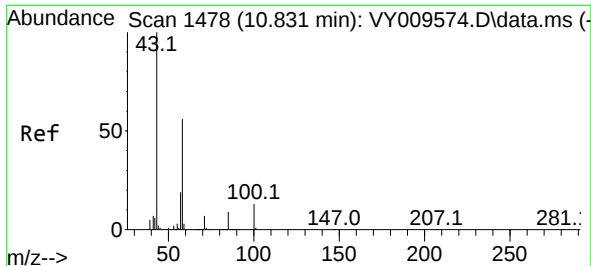
Tgt Ion: 63 Resp: 426076

Ion Ratio Lower Upper

63 100

106 30.4 21.5 32.3

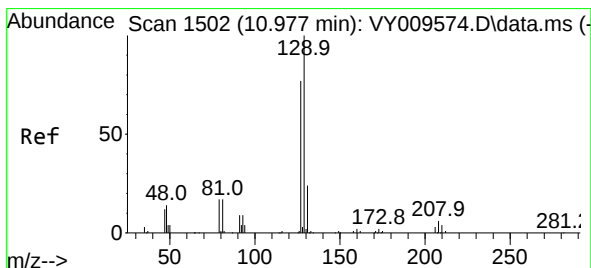
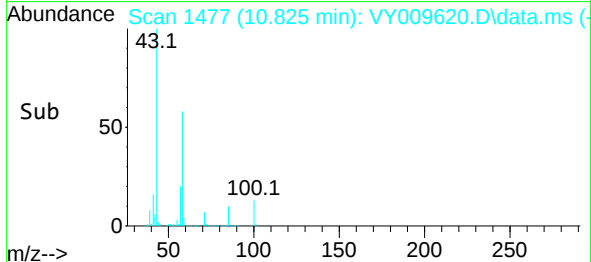
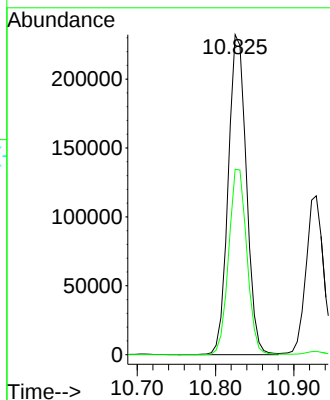
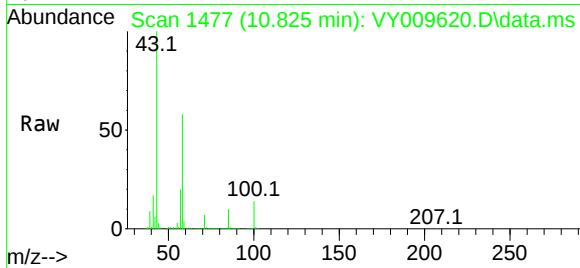




#59
2-Hexanone
Concen: 266.341 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

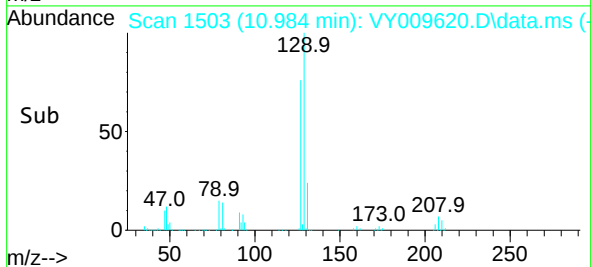
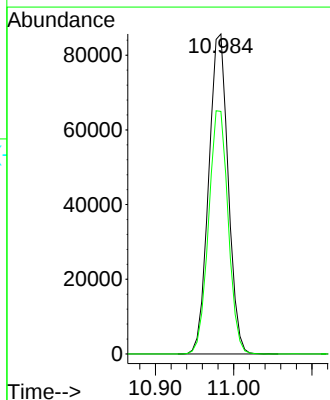
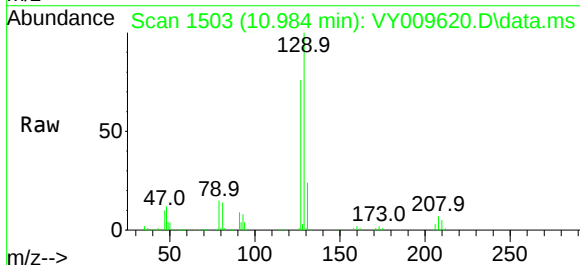
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

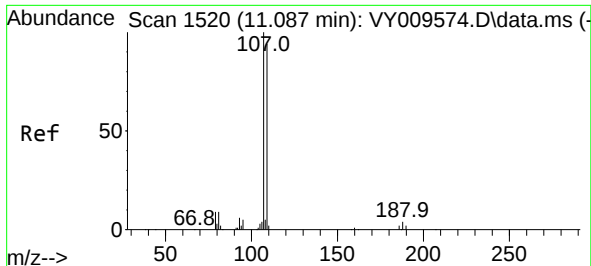
Tgt Ion: 43 Resp: 374179
Ion Ratio Lower Upper
43 100
58 57.9 24.4 73.4



#60
Dibromochloromethane
Concen: 54.555 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 129 Resp: 147870
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1

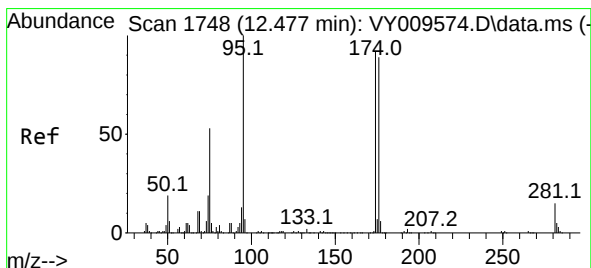
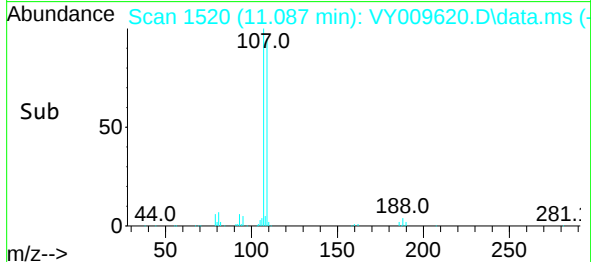
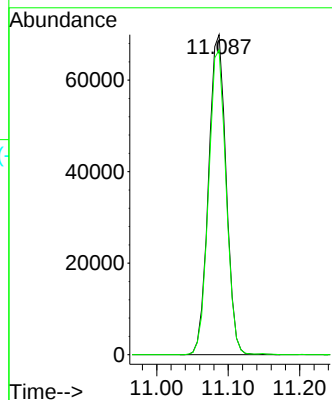
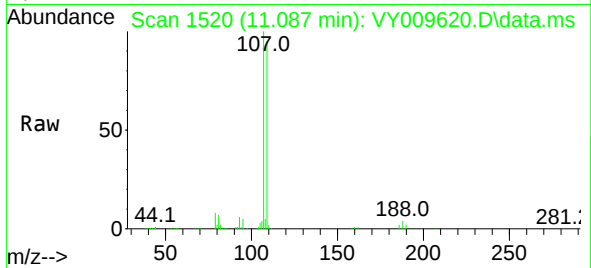




#61
1,2-Dibromoethane
Concen: 54.548 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

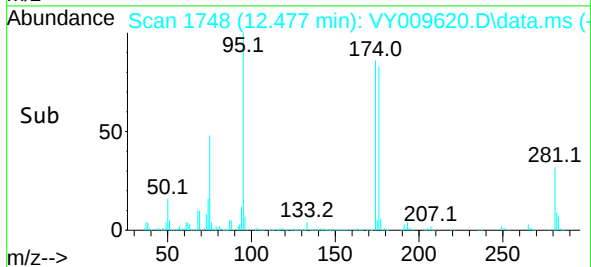
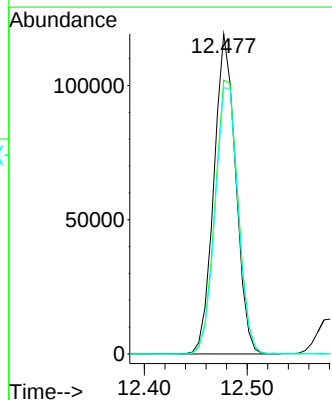
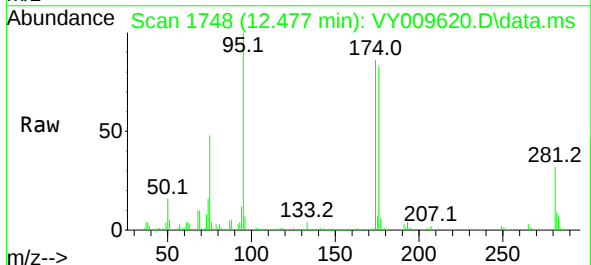
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

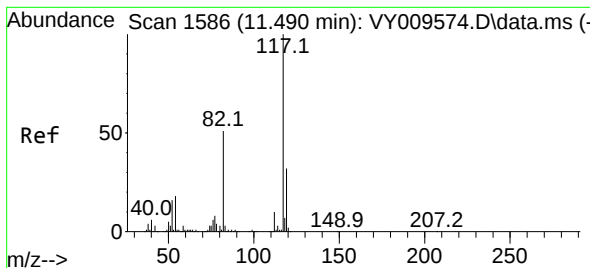
Tgt Ion:107 Resp: 119210
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 95 Resp: 175077
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

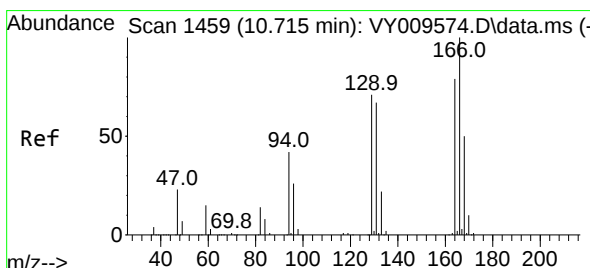
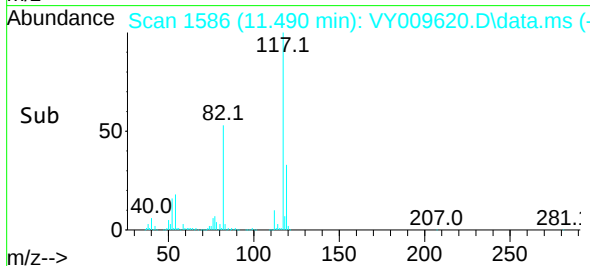
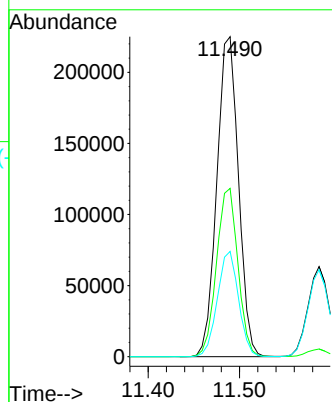
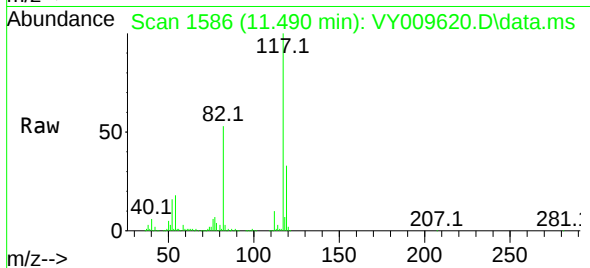
Tgt Ion:117 Resp: 370380

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 54.259 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Tgt Ion:164 Resp: 157278

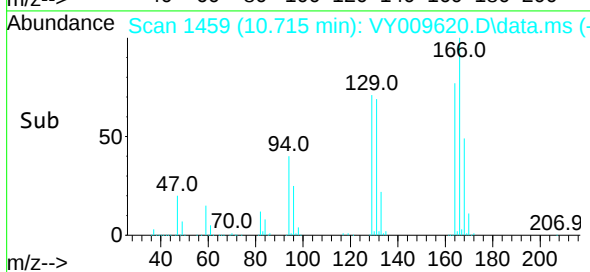
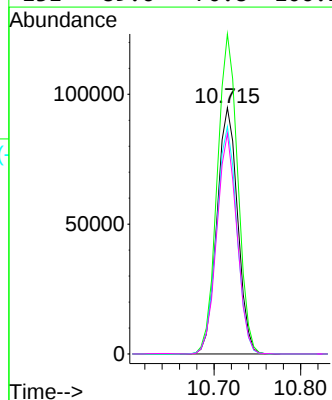
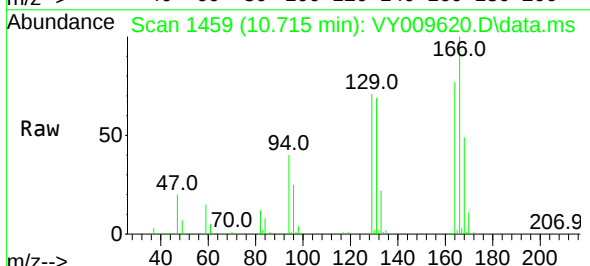
Ion Ratio Lower Upper

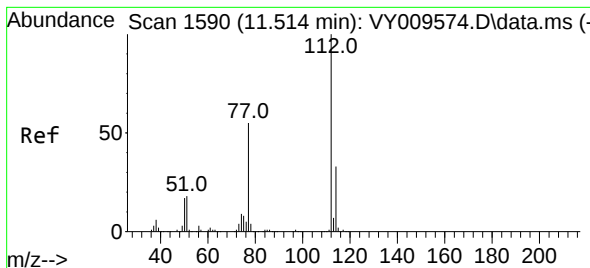
164 100

166 130.0 100.4 150.6

129 92.3 71.4 107.0

131 89.6 70.8 106.2





#65

Chlorobenzene

Concen: 52.388 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

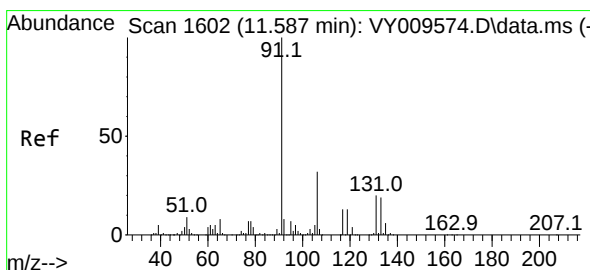
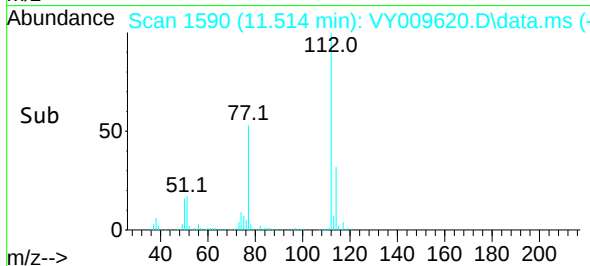
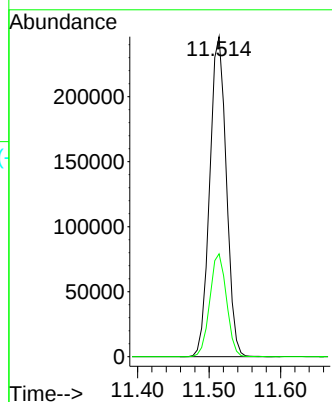
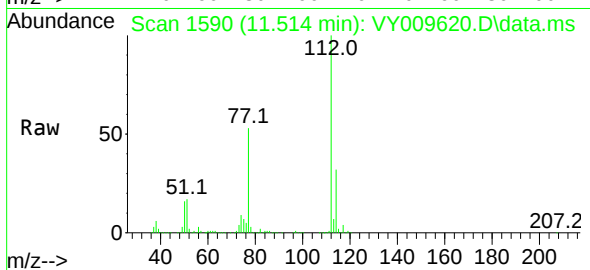
VSTDCCC050EC

Tgt Ion:112 Resp: 396505

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 53.340 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

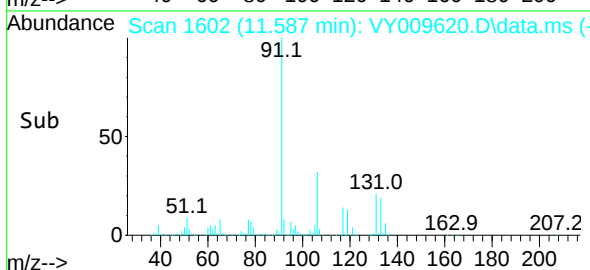
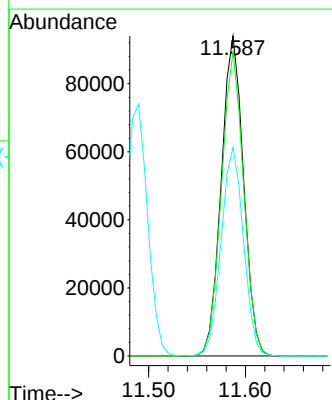
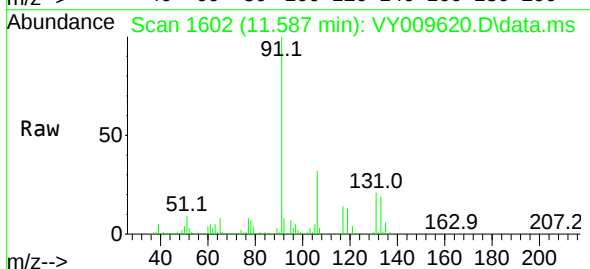
Tgt Ion:131 Resp: 149994

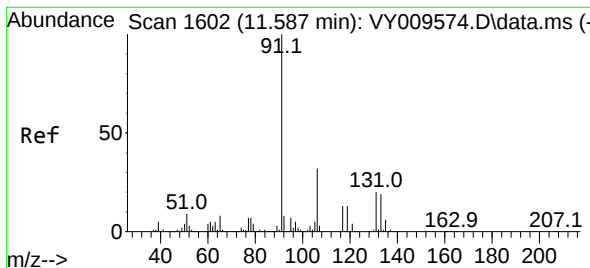
Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 53.034 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

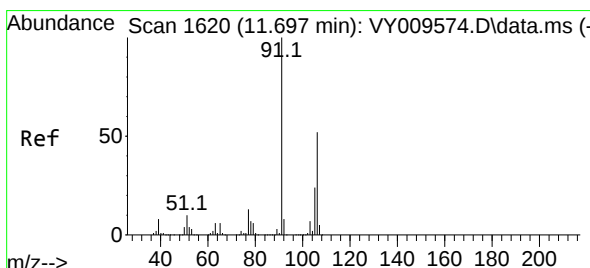
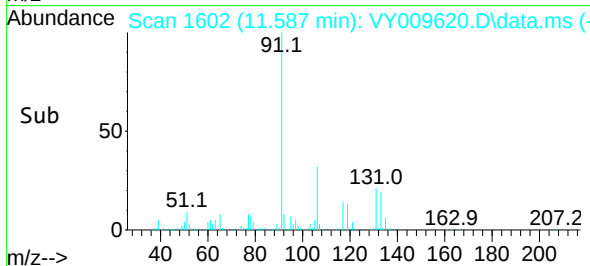
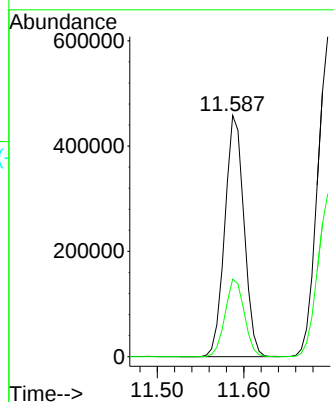
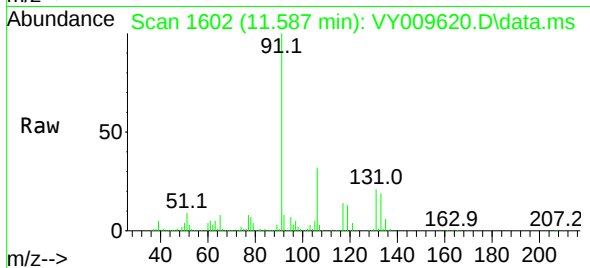
VSTDCCC050EC

Tgt Ion: 91 Resp: 705969

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 106.443 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009620.D

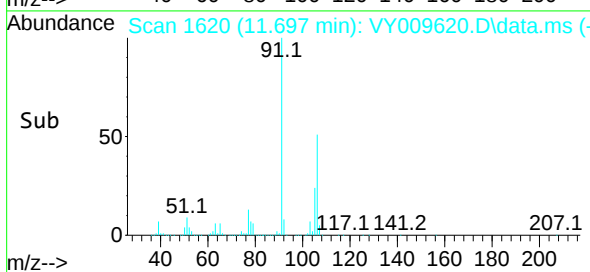
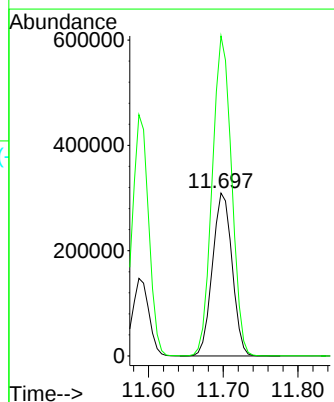
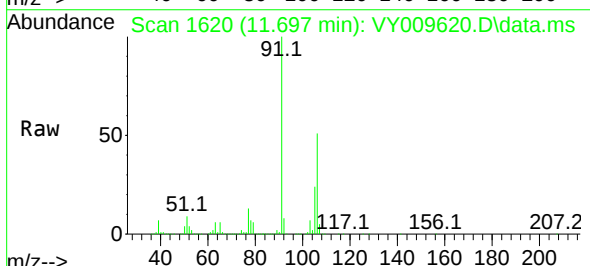
Acq: 20 Jul 2022 18:16

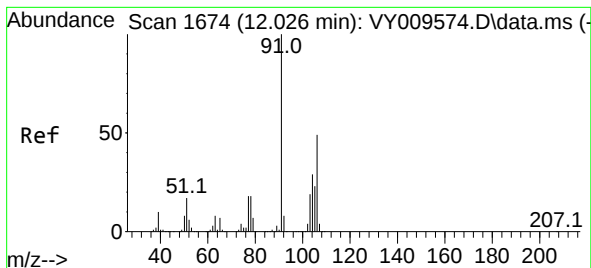
Tgt Ion:106 Resp: 563911

Ion Ratio Lower Upper

106 100

91 193.9 166.6 249.8

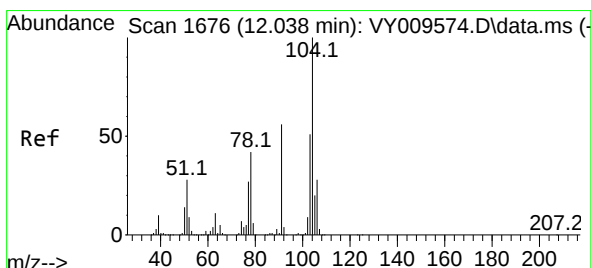
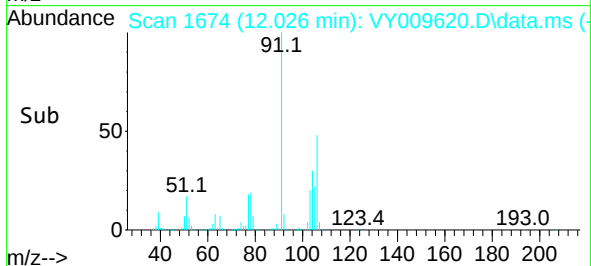
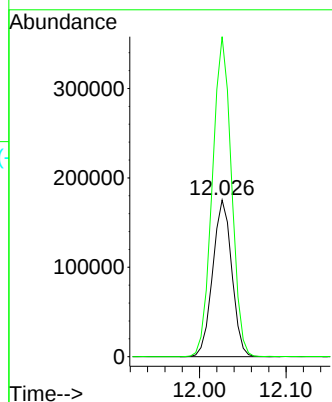
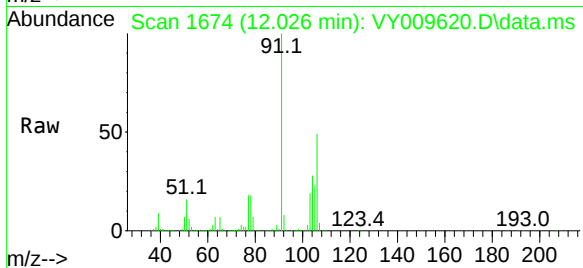




#69
o-Xylene
Concen: 54.101 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

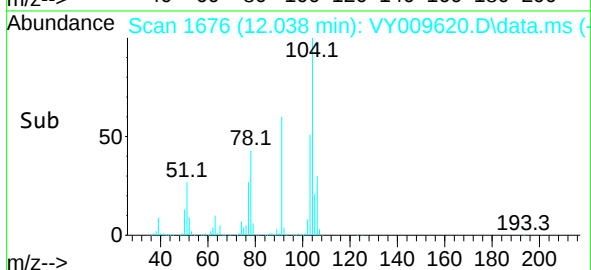
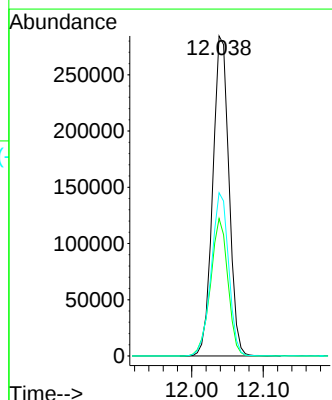
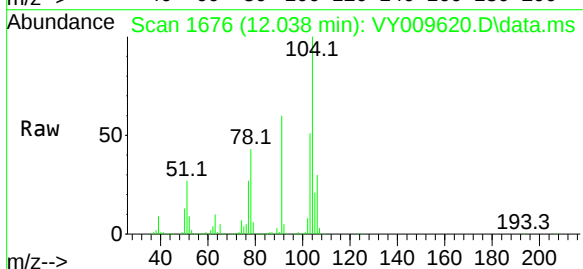
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

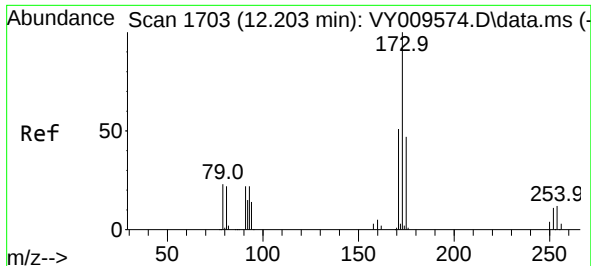
Tgt Ion:106 Resp: 268217
Ion Ratio Lower Upper
106 100
91 204.9 110.3 331.0



#70
Styrene
Concen: 54.247 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion:104 Resp: 447311
Ion Ratio Lower Upper
104 100
78 46.0 42.4 63.6
103 54.8 44.4 66.6

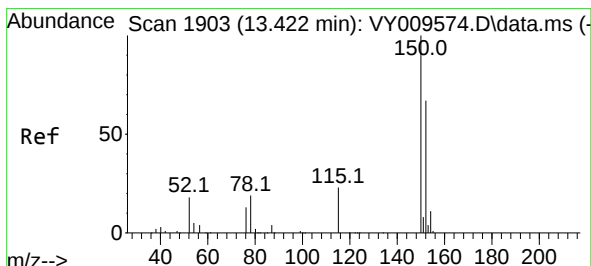
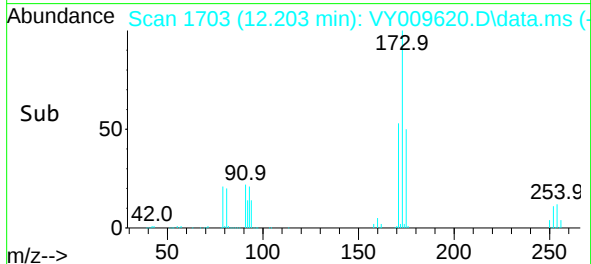
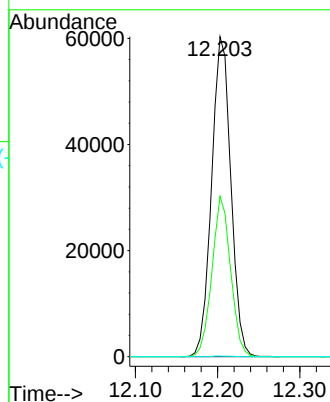
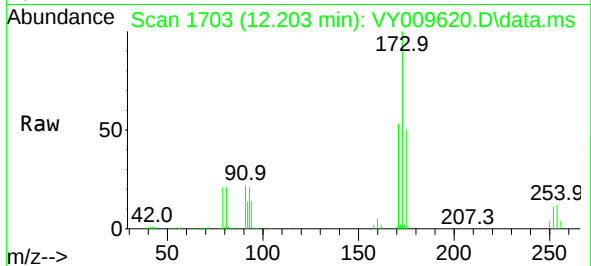




#71
Bromoform
Concen: 55.398 ug/l
RT: 12.203 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

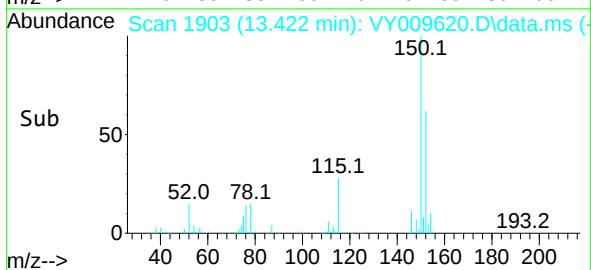
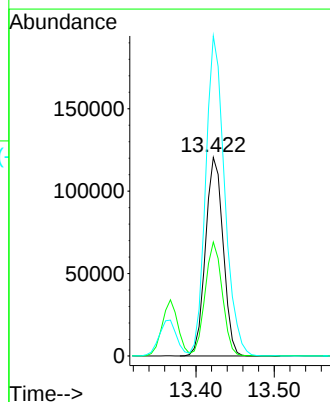
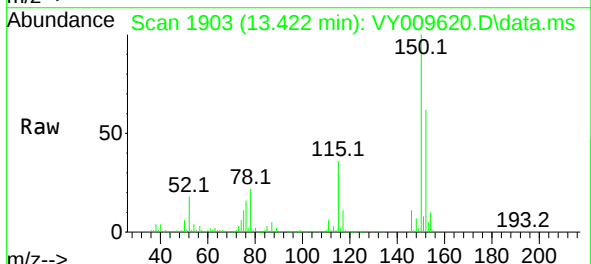
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

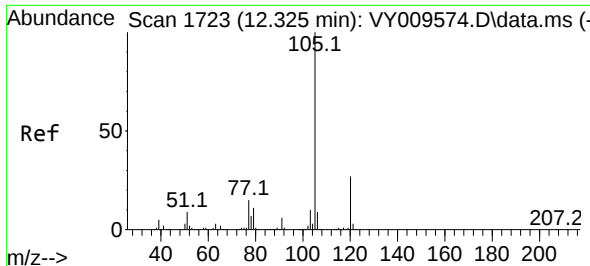
Tgt Ion:173 Resp: 98307
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion:152 Resp: 188224
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 172.7 0.0 347.6

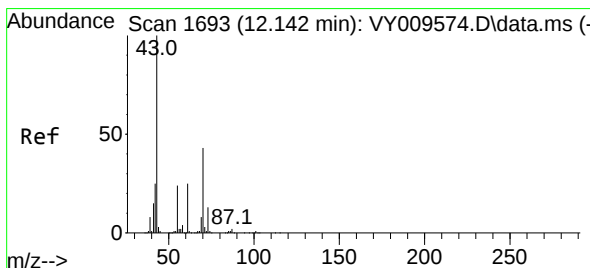
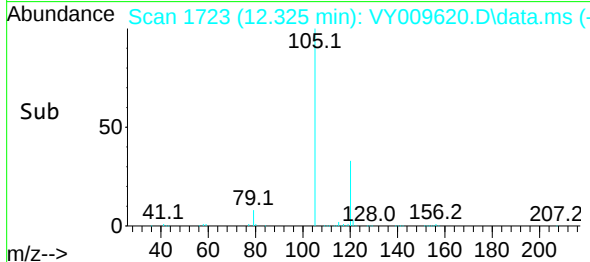
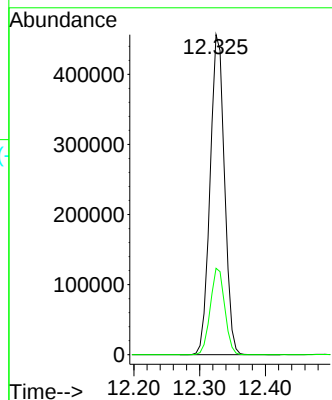
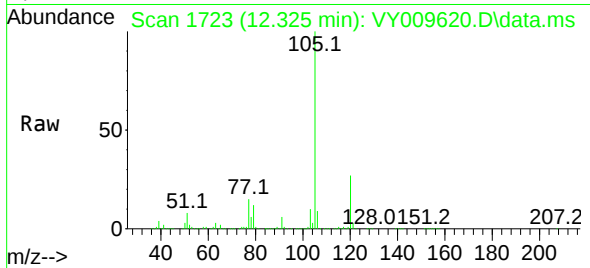




#73
Isopropylbenzene
Concen: 53.425 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

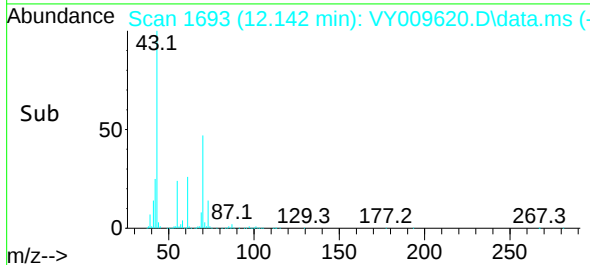
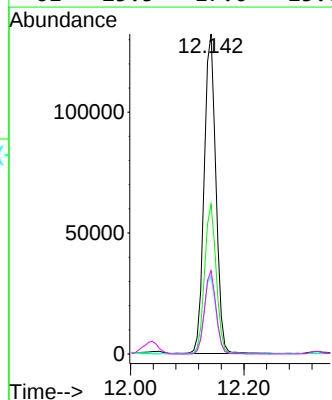
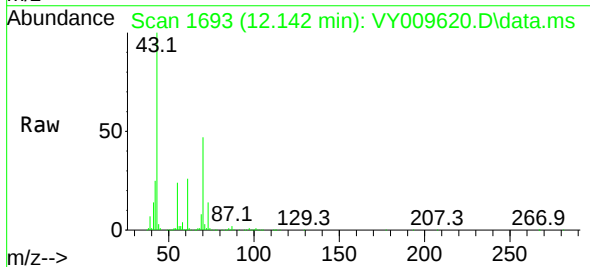
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

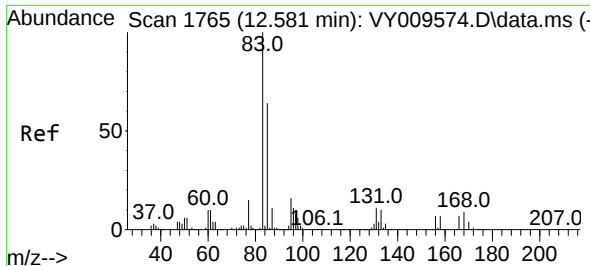
Tgt Ion:105 Resp: 696237
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 54.854 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 43 Resp: 190119
Ion Ratio Lower Upper
43 100
70 46.6 28.7 43.1#
55 24.4 17.3 25.9
61 25.5 17.0 25.6

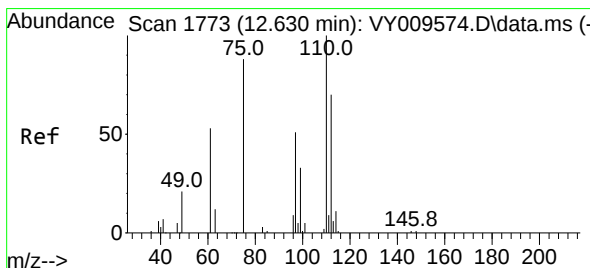
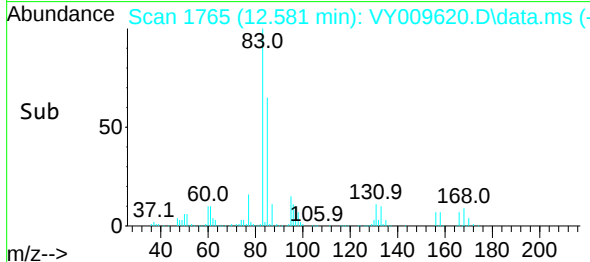
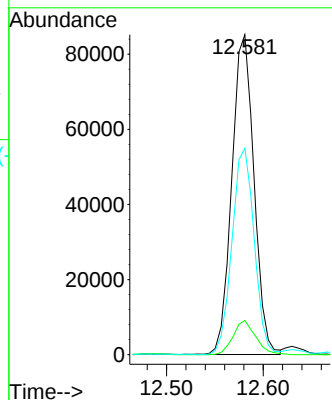
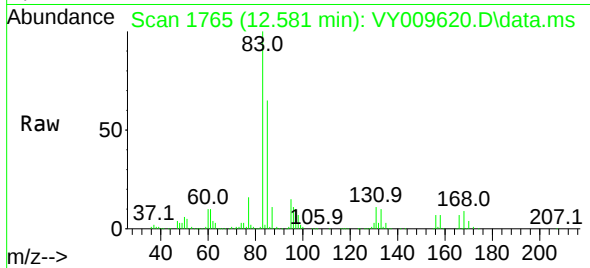




#75
1,1,2,2-Tetrachloroethane
Concen: 51.916 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

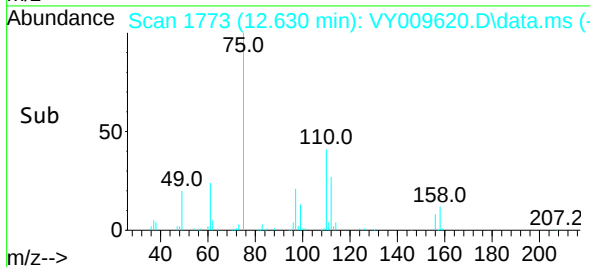
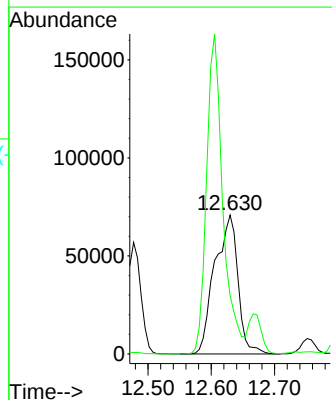
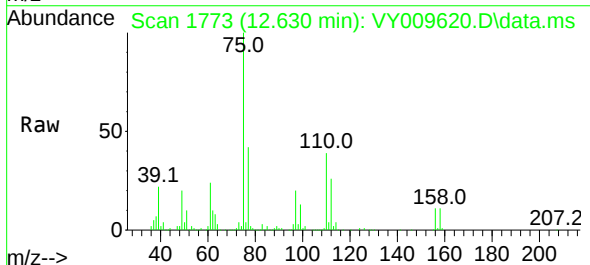
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

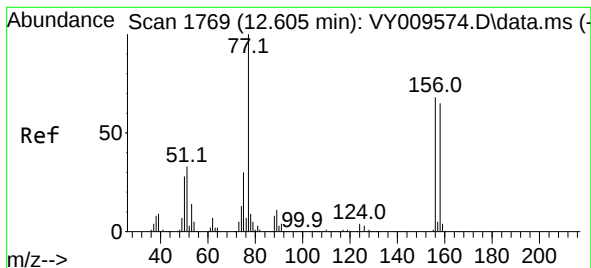
Tgt Ion: 83 Resp: 135495
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 100.593 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 75 Resp: 180367
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.067 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

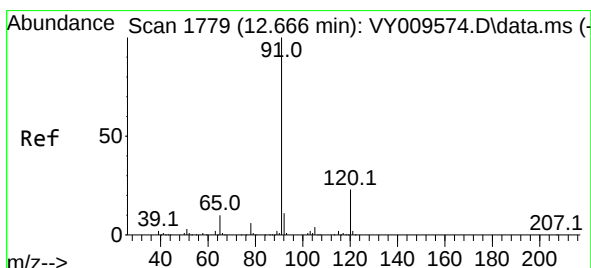
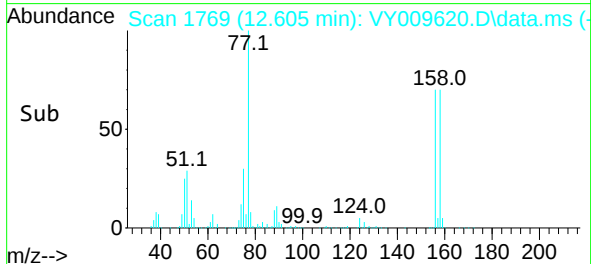
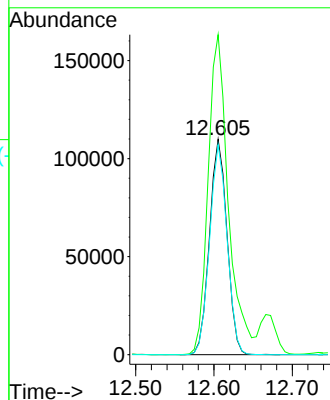
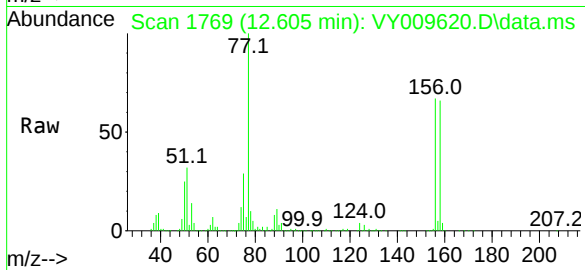
Tgt Ion:156 Resp: 170628

Ion Ratio Lower Upper

156 100

77 170.5 95.5 286.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 52.952 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009620.D

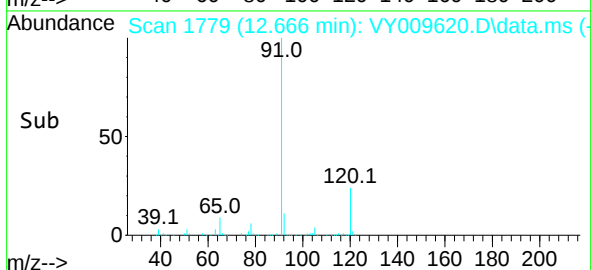
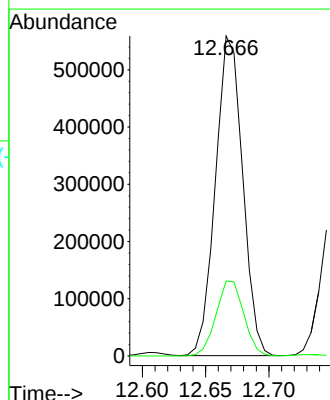
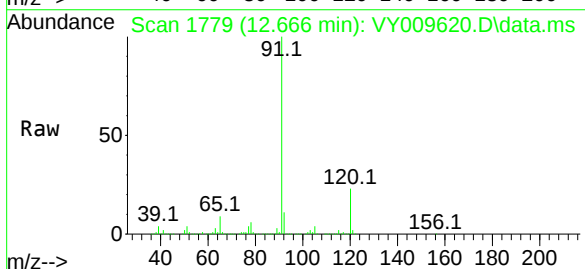
Acq: 20 Jul 2022 18:16

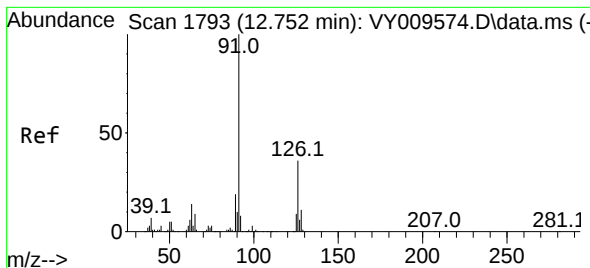
Tgt Ion: 91 Resp: 833848

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

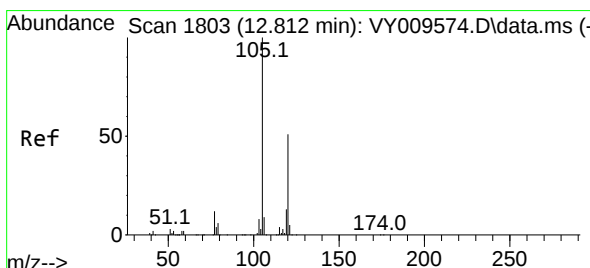
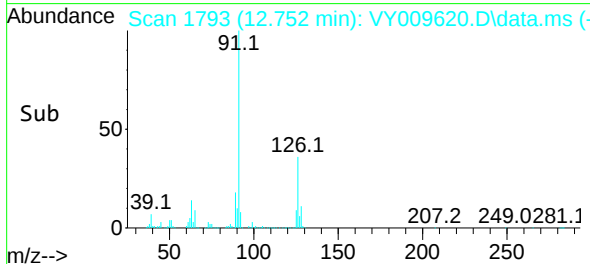
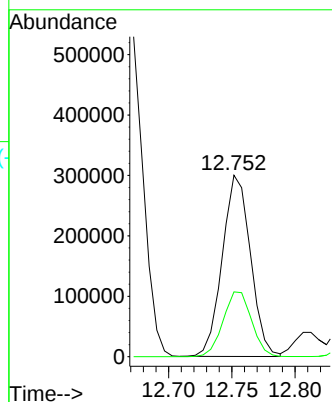
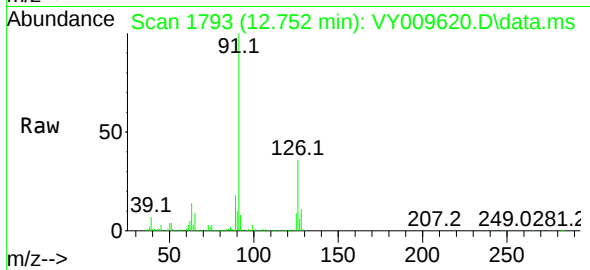




#79
2-Chlorotoluene
Concen: 53.331 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

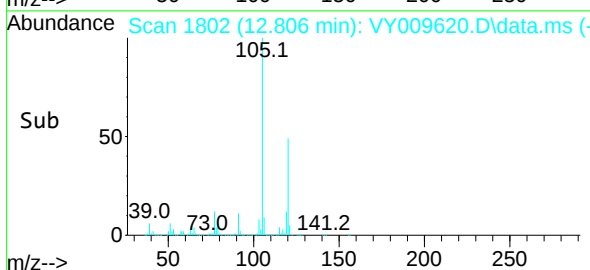
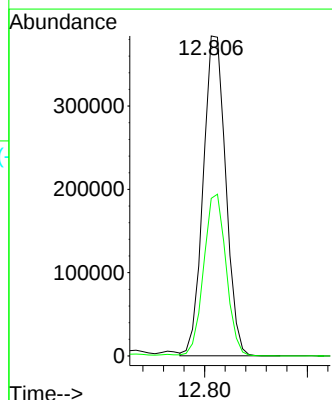
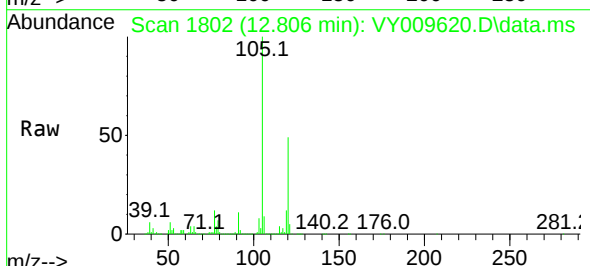
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

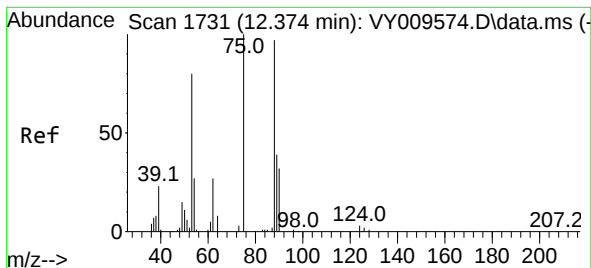
Tgt Ion: 91 Resp: 465623
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.431 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 105 Resp: 586143
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.4

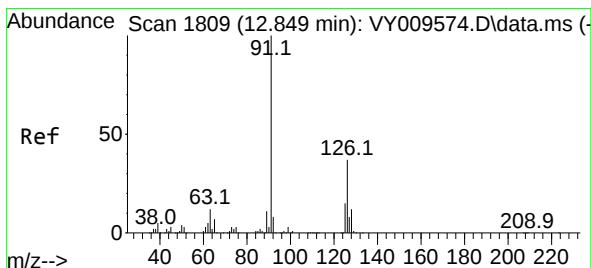
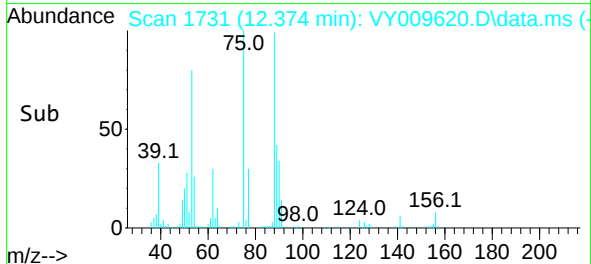
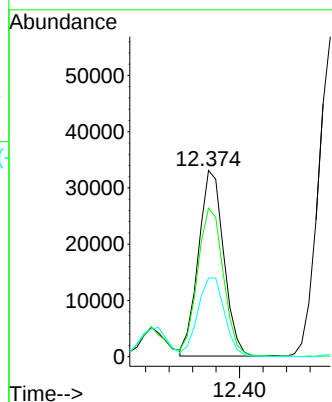
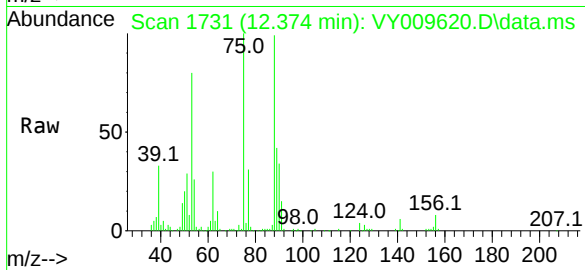




#81
trans-1,4-Dichloro-2-butene
Concen: 54.290 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

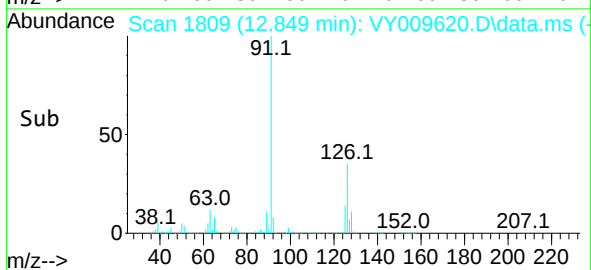
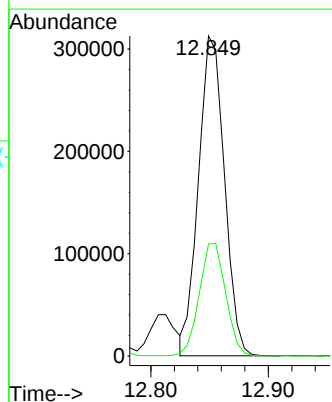
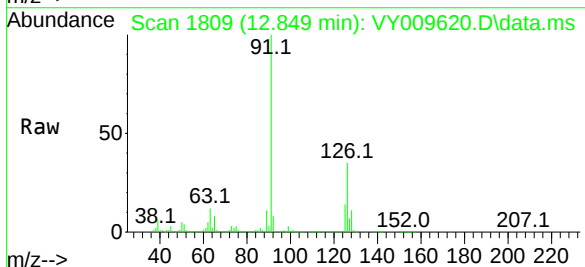
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

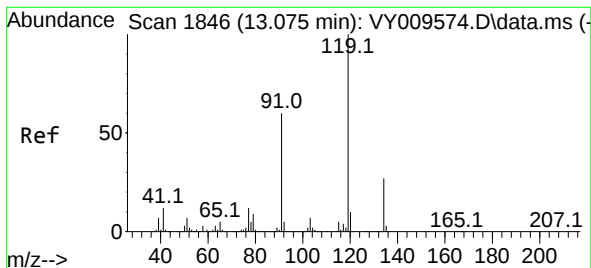
Tgt Ion: 75 Resp: 49368
Ion Ratio Lower Upper
75 100
53 82.6 85.3 127.9#
89 45.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.954 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009620.D
Acq: 20 Jul 2022 18:16

Tgt Ion: 91 Resp: 479641
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.811 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

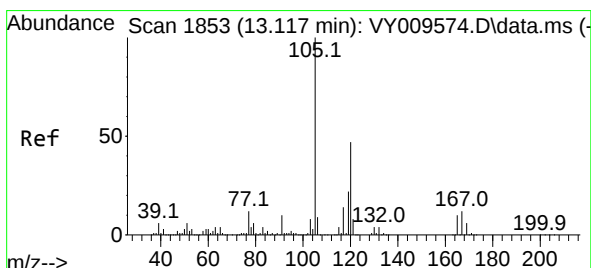
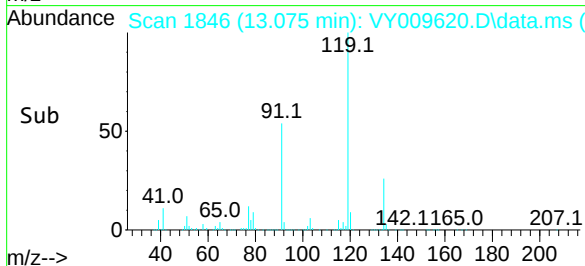
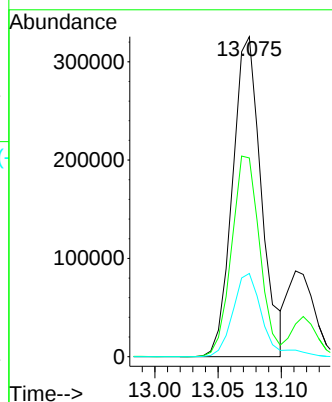
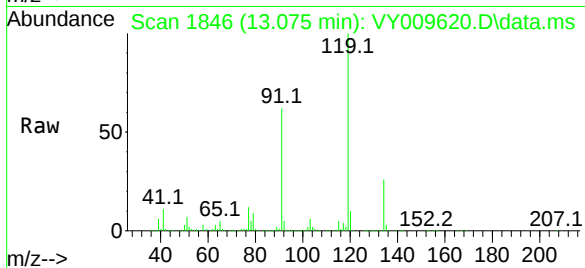
Tgt Ion:119 Resp: 514813

Ion Ratio Lower Upper

119 100

91 61.5 34.8 104.4

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.316 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009620.D

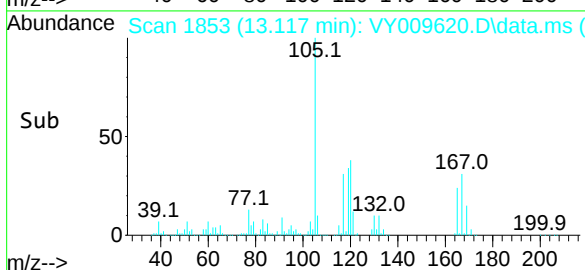
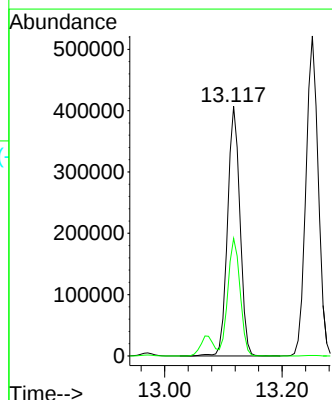
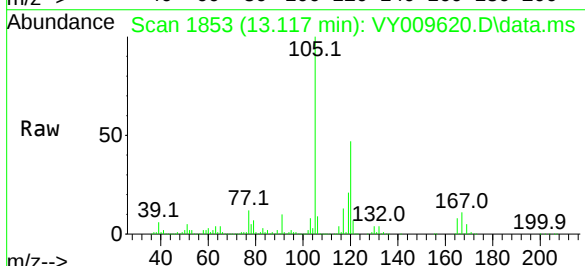
Acq: 20 Jul 2022 18:16

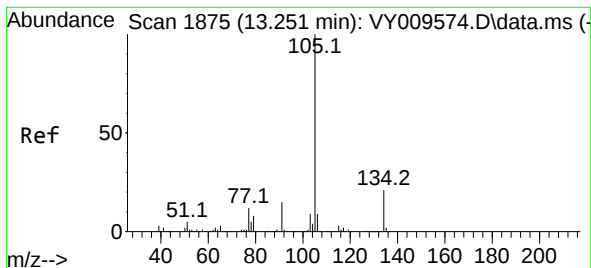
Tgt Ion:105 Resp: 595721

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.287 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

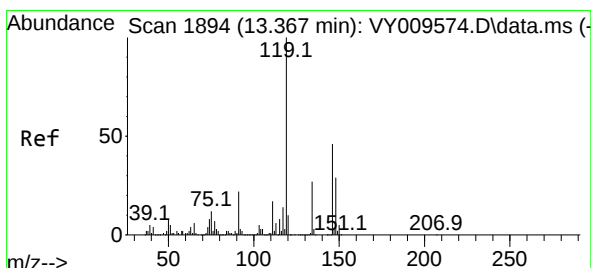
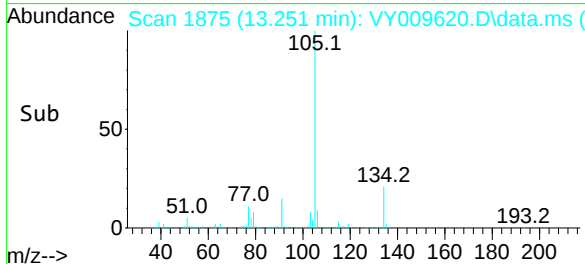
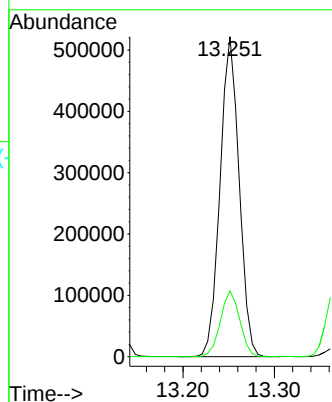
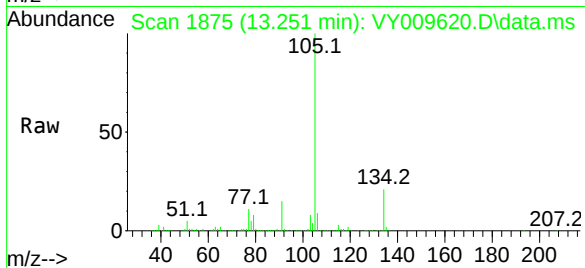
VSTDCCC050EC

Tgt Ion:105 Resp: 755850

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.122 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

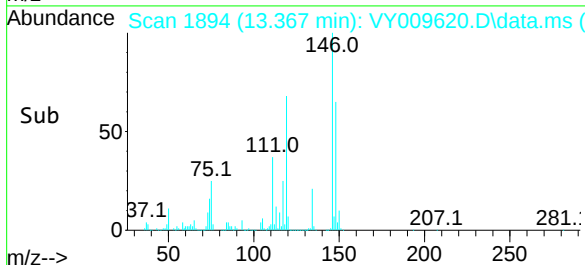
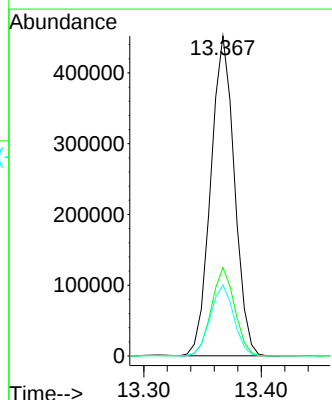
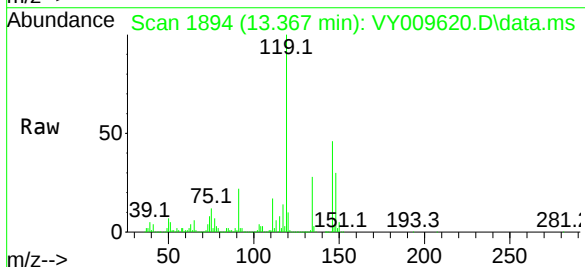
Tgt Ion:119 Resp: 633242

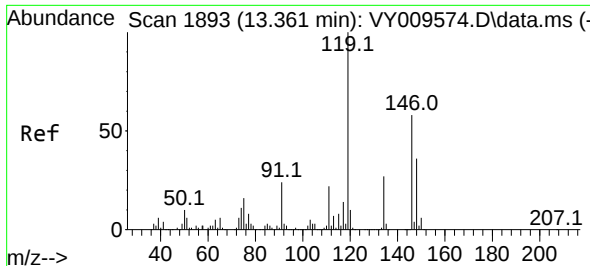
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 22.0 12.4 37.2

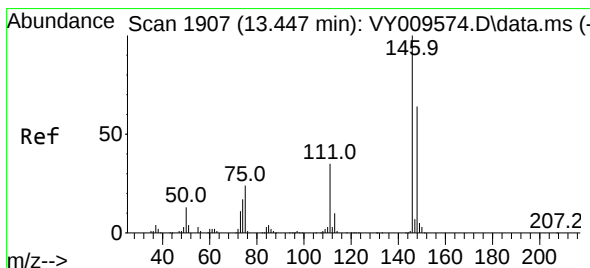
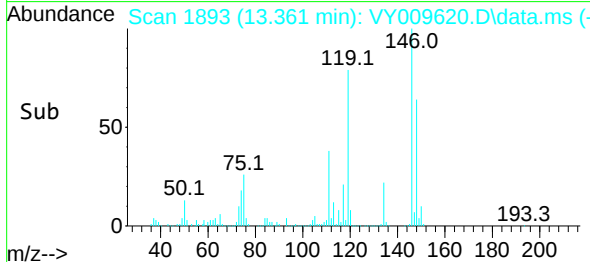
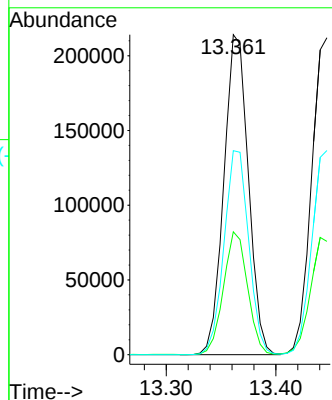
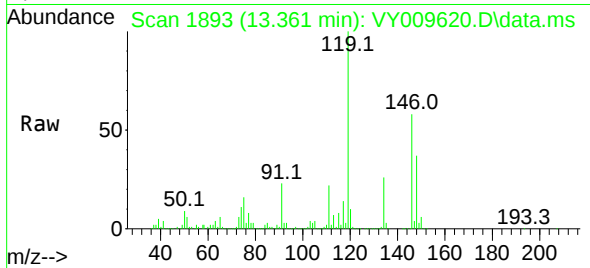




#87
 1,3-Dichlorobenzene
 Concen: 51.310 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009620.D
 Acq: 20 Jul 2022 18:16

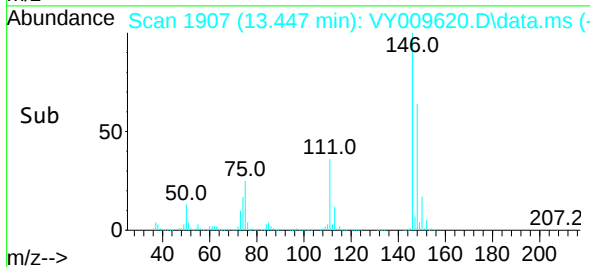
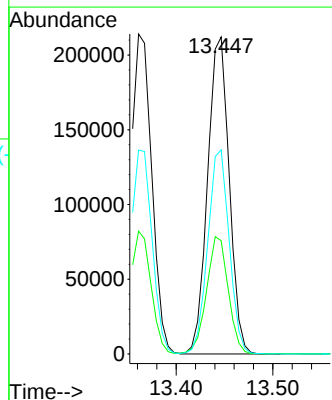
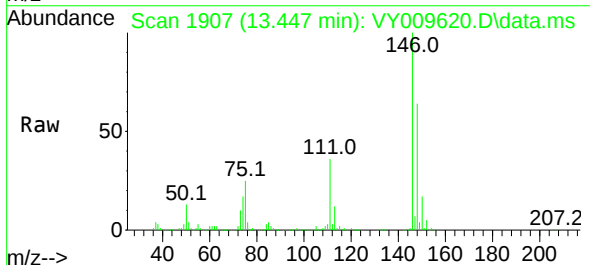
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

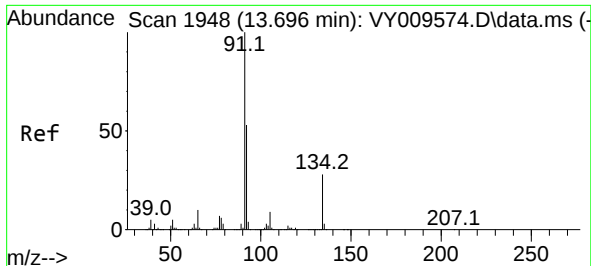
Tgt Ion:146 Resp: 332626
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.5 58.5
 148 64.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.311 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY009620.D
 Acq: 20 Jul 2022 18:16

Tgt Ion:146 Resp: 329805
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.3 57.8
 148 63.9 32.6 97.8





#89

n-Butylbenzene

Concen: 54.826 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

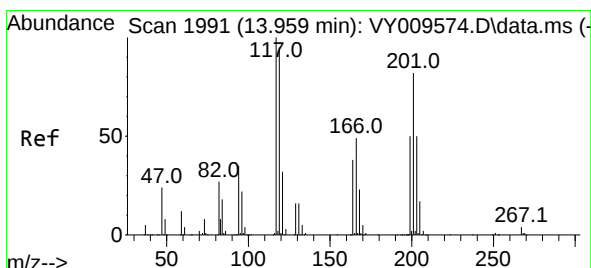
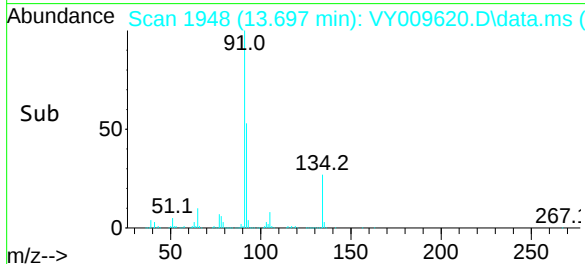
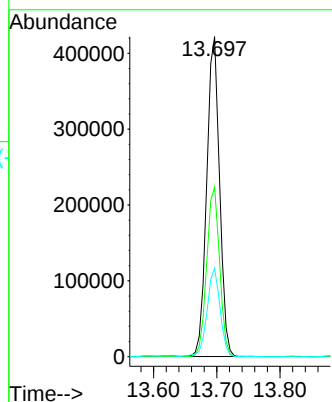
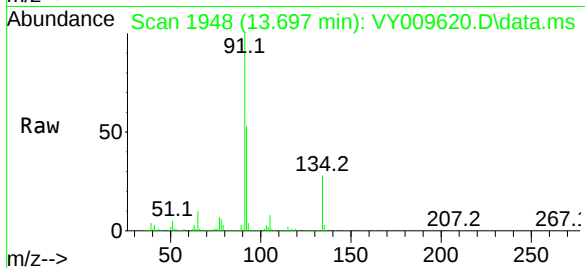
Tgt Ion: 91 Resp: 596879

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.9

134 27.9 13.0 38.9



#90

Hexachloroethane

Concen: 52.908 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009620.D

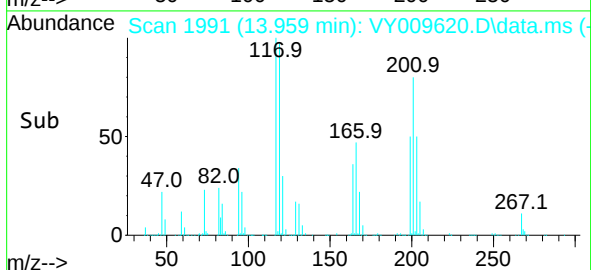
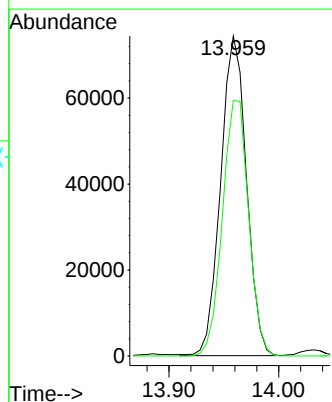
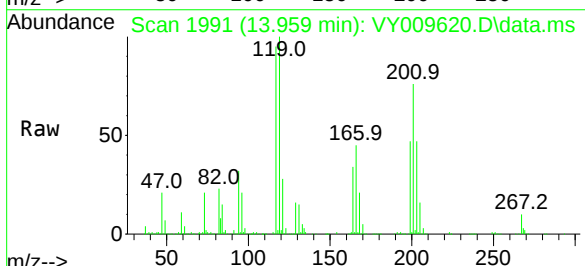
Acq: 20 Jul 2022 18:16

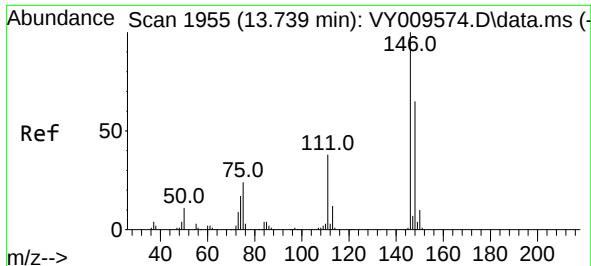
Tgt Ion: 117 Resp: 121508

Ion Ratio Lower Upper

117 100

201 81.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 52.496 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

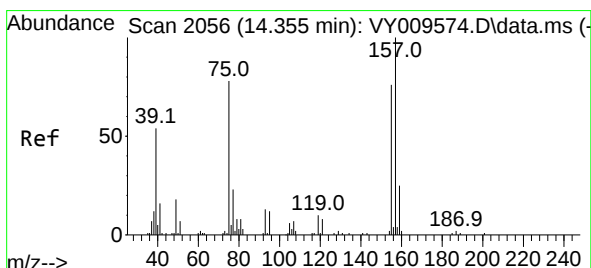
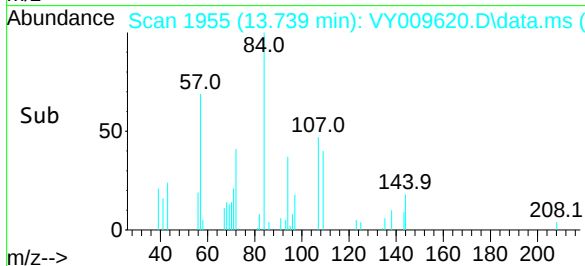
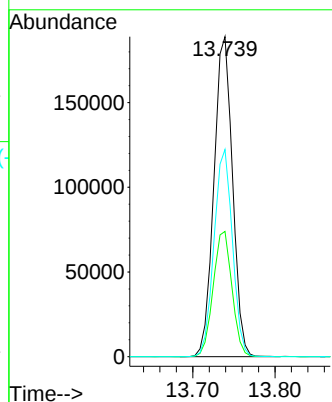
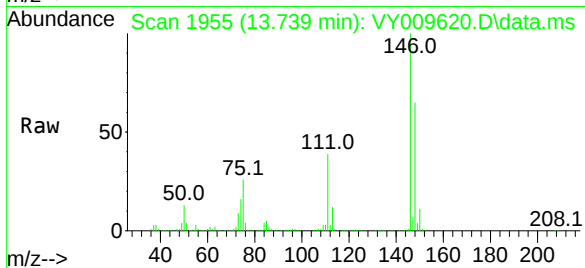
Tgt Ion:146 Resp: 297299

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.272 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

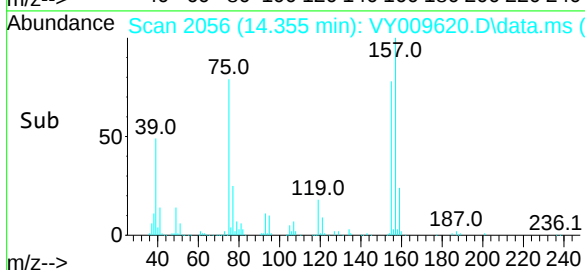
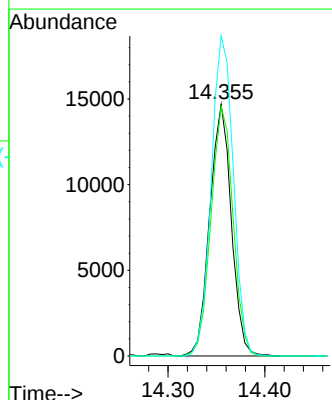
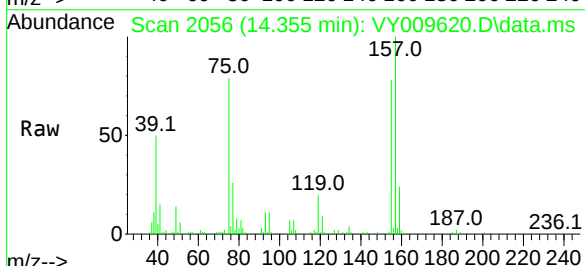
Tgt Ion: 75 Resp: 22740

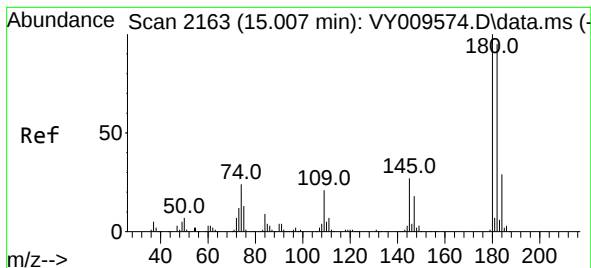
Ion Ratio Lower Upper

75 100

155 101.1 38.0 113.9

157 129.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 56.059 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

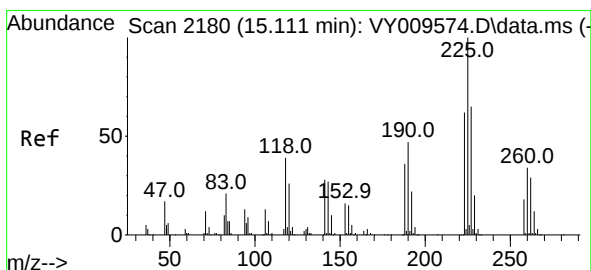
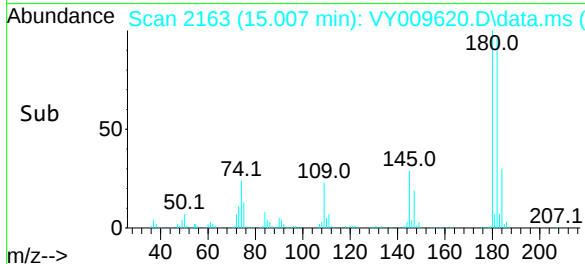
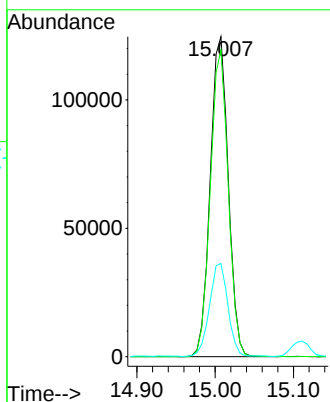
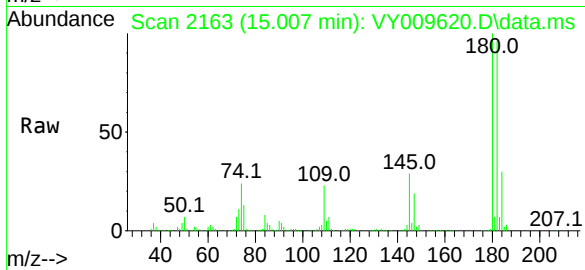
Tgt Ion:180 Resp: 199263

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 53.356 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

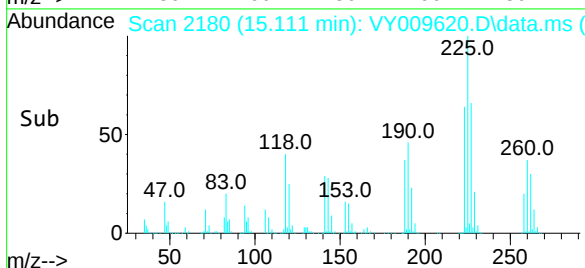
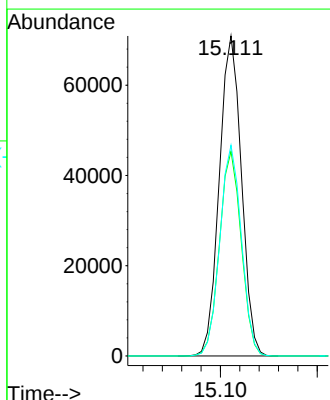
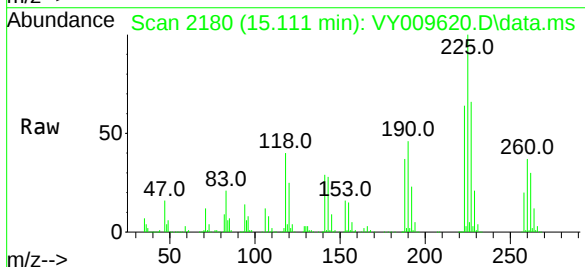
Tgt Ion:225 Resp: 112510

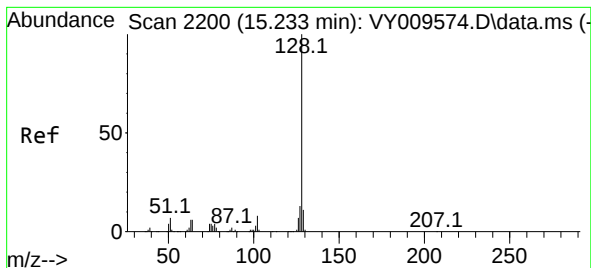
Ion Ratio Lower Upper

225 100

223 62.9 30.8 92.3

227 64.4 31.6 94.7





#95

Naphthalene

Concen: 62.575 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

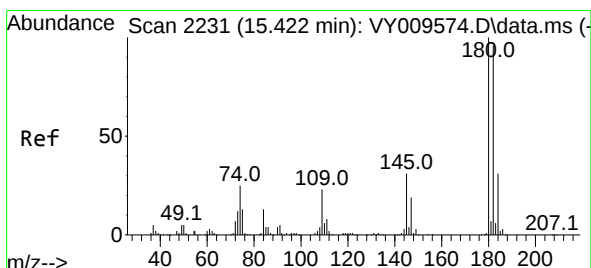
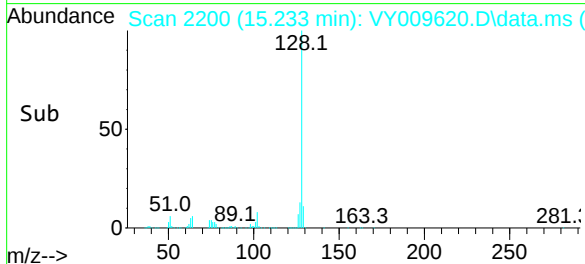
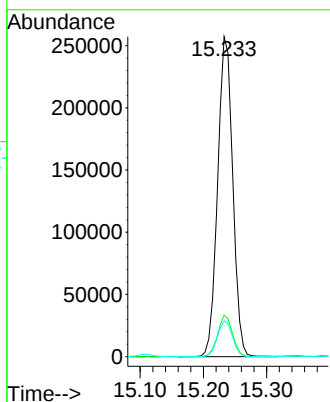
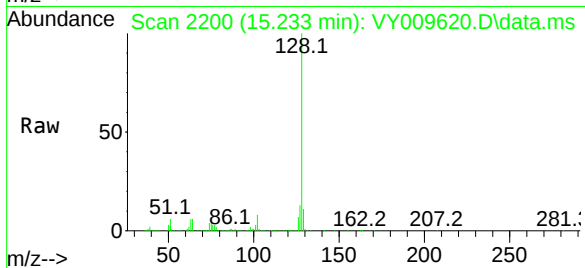
Tgt Ion:128 Resp: 424655

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 56.314 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009620.D

Acq: 20 Jul 2022 18:16

Tgt Ion:180 Resp: 175832

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 31.8 15.3 45.9

