

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009982.D
 Acq On : 12 Aug 2022 11:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 03:02:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	89452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	32767	36.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.220%
35) Dibromofluoromethane	7.710	113	38854	43.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.420%
50) Toluene-d8	10.173	98	125287	36.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.740%
62) 4-Bromofluorobenzene	12.477	95	61532	48.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34761	43.287	ug/l	97
3) Chloromethane	2.107	50	29049	49.247	ug/l	98
4) Vinyl Chloride	2.241	62	35636	57.339	ug/l	98
5) Bromomethane	2.638	94	28651	66.824	ug/l	97
6) Chloroethane	2.784	64	25231	61.405	ug/l	98
7) Trichlorofluoromethane	3.113	101	83715	54.373	ug/l	99
8) Diethyl Ether	3.522	74	31801	54.871	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.887	101	51842	52.399	ug/l	94
10) Methyl Iodide	4.076	142	62586	52.881	ug/l	97
11) Tert butyl alcohol	4.954	59	21685	244.013	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	50173	52.232	ug/l	96
13) Acrolein	3.723	56	33292	285.142	ug/l	99
14) Allyl chloride	4.466	41	79775	59.569	ug/l	95
15) Acrylonitrile	5.149	53	79053	284.979	ug/l	99
16) Acetone	3.936	43	71594	328.517	ug/l	90
17) Carbon Disulfide	4.180	76	157765	50.465	ug/l	99
18) Methyl Acetate	4.466	43	36318	61.227	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	134556	57.325	ug/l	98
20) Methylene Chloride	4.698	84	57928	51.025	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	59742	55.964	ug/l	99
22) Diisopropyl ether	6.106	45	169877	62.743	ug/l	96
23) Vinyl Acetate	6.045	43	539688	322.596	ug/l	99
24) 1,1-Dichloroethane	6.003	63	95677	55.378	ug/l	97
25) 2-Butanone	6.972	43	103300	305.471	ug/l	94
26) 2,2-Dichloropropane	6.972	77	82750	54.037	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	66239	57.762	ug/l	94
28) Bromochloromethane	7.320	49	40715	59.001	ug/l	98
29) Tetrahydrofuran	7.338	42	65706	307.443	ug/l	100
30) Chloroform	7.496	83	95895	53.676	ug/l	98
31) Cyclohexane	7.777	56	89652	55.198	ug/l	98
32) 1,1,1-Trichloroethane	7.692	97	82362	54.255	ug/l	99
36) 1,1-Dichloropropene	7.905	75	76174	56.893	ug/l	99
37) Ethyl Acetate	7.064	43	42446	58.740	ug/l	97
38) Carbon Tetrachloride	7.893	117	74874	56.037	ug/l	100
39) Methylcyclohexane	9.179	83	93887	58.237	ug/l	97
40) Benzene	8.149	78	229747	56.703	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	20769	54.111	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	59622	56.806	ug/l	98
43) Isopropyl Acetate	8.265	43	77392	61.702	ug/l	99
44) Trichloroethene	8.935	130	59260	54.009	ug/l	100
45) 1,2-Dichloropropane	9.210	63	58045	59.706	ug/l	99
46) Dibromomethane	9.295	93	32441	55.427	ug/l	96
47) Bromodichloromethane	9.490	83	76172	58.539	ug/l	100
48) Methyl methacrylate	9.289	41	35676	64.824	ug/l	96
49) 1,4-Dioxane	9.289	88	7942	1082.836	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	211812	311.474	ug/l	95
52) Toluene	10.240	92	148458	60.843	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	78553	58.741	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	90320	58.413	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	48290	57.688	ug/l	98
56) Ethyl methacrylate	10.508	69	64386	62.209	ug/l	96
57) 1,3-Dichloropropane	10.789	76	79408	58.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	147986	326.665	ug/l	99
59) 2-Hexanone	10.825	43	154944	330.196	ug/l	97
60) Dibromochloromethane	10.984	129	55176	57.714	ug/l	99
61) 1,2-Dibromoethane	11.081	107	45328	56.537	ug/l	98
64) Tetrachloroethene	10.715	164	55555	54.092	ug/l	96
65) Chlorobenzene	11.514	112	158521	55.551	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	54846	53.954	ug/l	96
67) Ethyl Benzene	11.587	91	278460	58.037	ug/l	95
68) m/p-Xylenes	11.697	106	216295	116.461	ug/l	96
69) o-Xylene	12.026	106	101395	57.567	ug/l	97
70) Styrene	12.044	104	175848	58.611	ug/l	99
71) Bromoform	12.203	173	33878	52.756	ug/l #	100
73) Isopropylbenzene	12.325	105	266906	56.866	ug/l	100
74) N-amyl acetate	12.142	43	70141	58.419	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	55840	51.545	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	72837	90.131	ug/l #	100
77) Bromobenzene	12.605	156	62663	55.188	ug/l	93
78) n-propylbenzene	12.666	91	336512	57.127	ug/l	99
79) 2-Chlorotoluene	12.752	91	190625	56.971	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	226371	59.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	20329	54.684	ug/l	91
82) 4-Chlorotoluene	12.849	91	196189	56.286	ug/l	98
83) tert-Butylbenzene	13.075	119	195192	57.907	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	222651	57.819	ug/l	99
85) sec-Butylbenzene	13.251	105	296813	57.475	ug/l	98
86) p-Isopropyltoluene	13.367	119	239612	58.779	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	122791	54.864	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	123463	53.064	ug/l	99
89) n-Butylbenzene	13.697	91	237561	60.358	ug/l	98
90) Hexachloroethane	13.959	117	49289	56.383	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	112493	55.878	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8607	49.469	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	65133	56.862	ug/l	99
94) Hexachlorobutadiene	15.111	225	34919	53.983	ug/l	99
95) Naphthalene	15.233	128	139981	50.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	56598	55.247	ug/l	99

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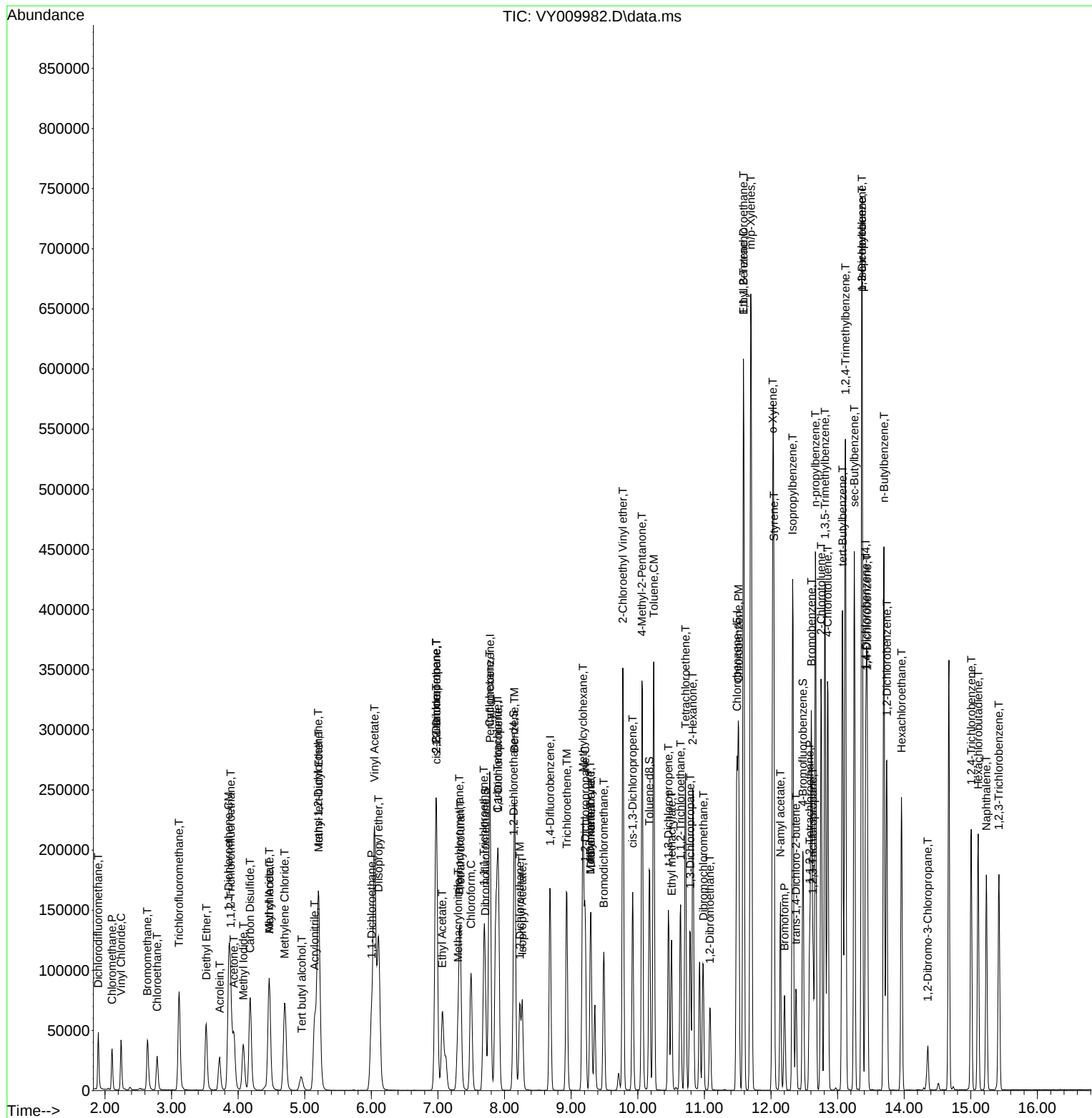
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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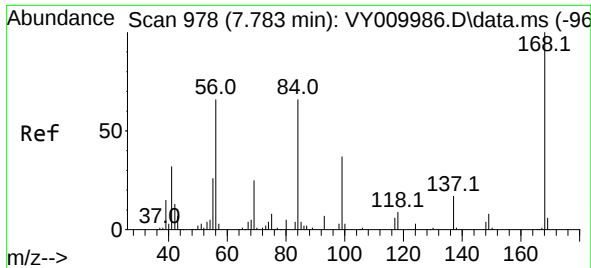
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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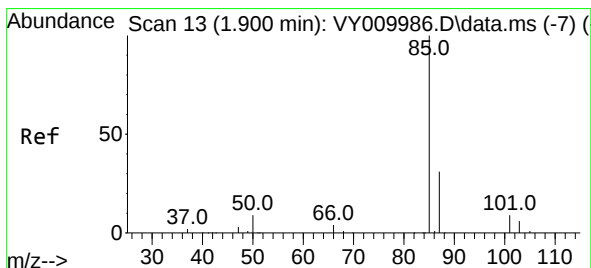
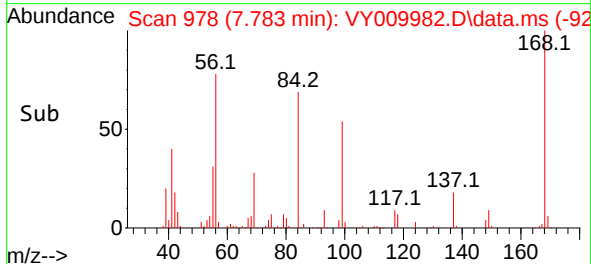
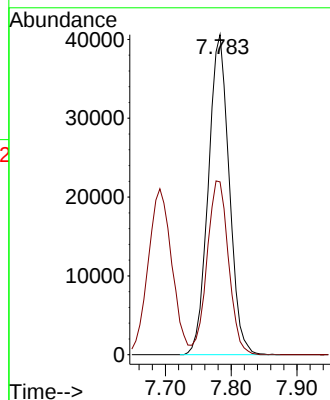
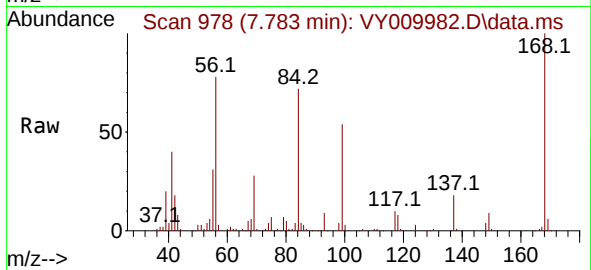




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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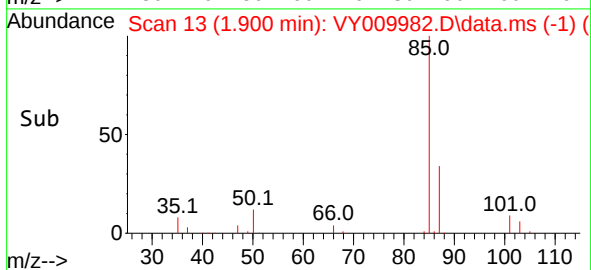
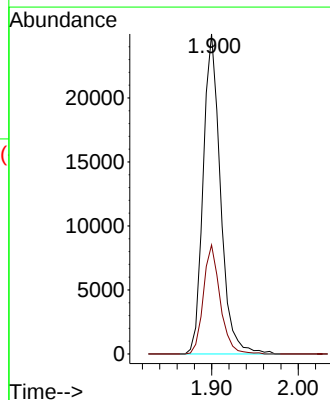
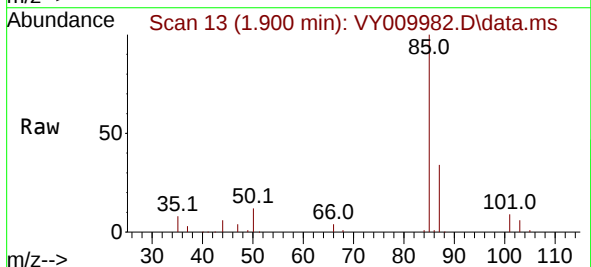
Instrument :
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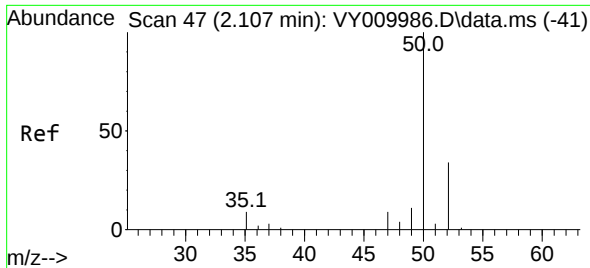
Tgt Ion:168 Resp: 89452
Ion Ratio Lower Upper
168 100
99 54.0 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 43.287 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 85 Resp: 34761
Ion Ratio Lower Upper
85 100
87 34.0 16.2 48.5

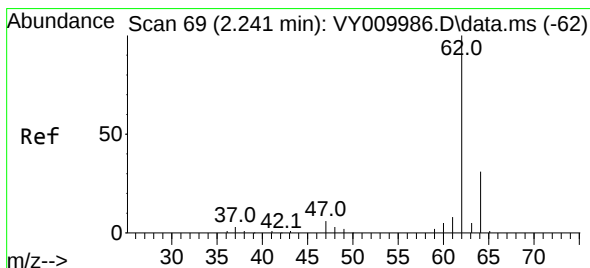
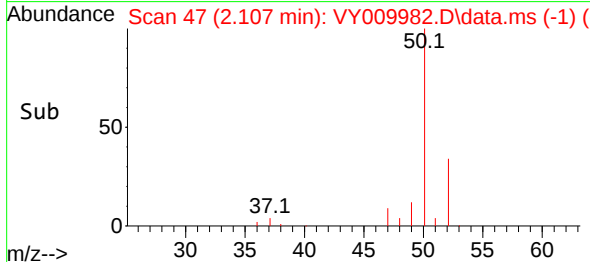
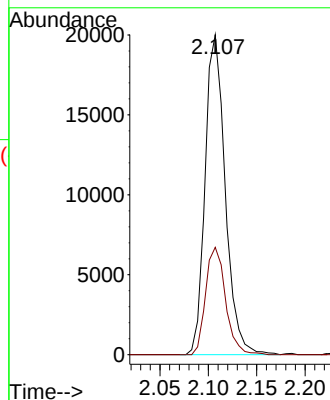
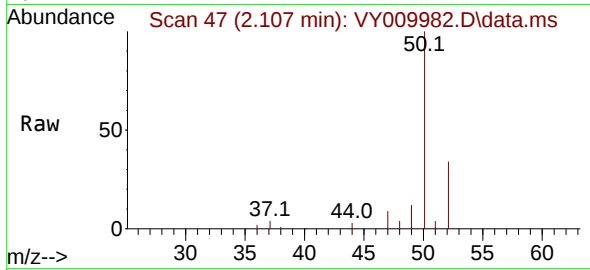




#3
Chloromethane
Concen: 49.247 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009982.D
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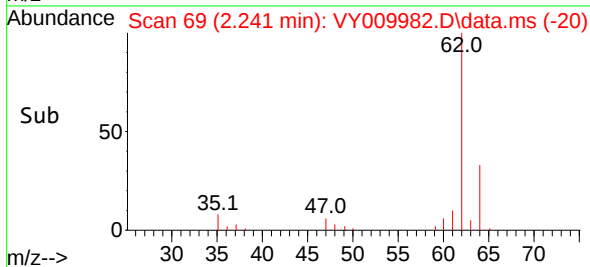
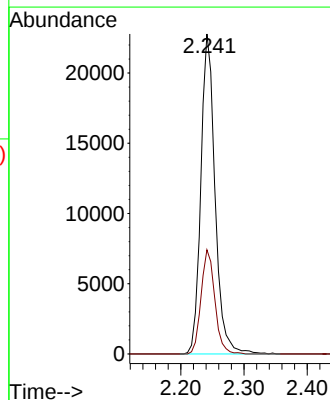
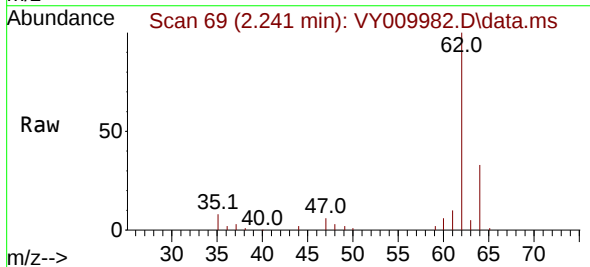
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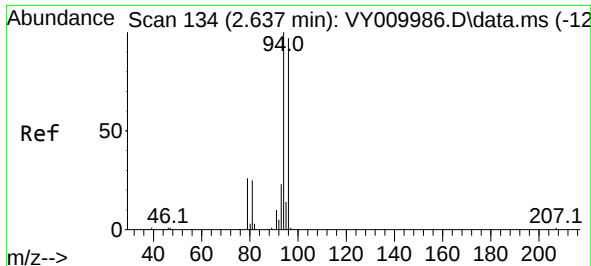
Tgt Ion: 50 Resp: 29049
Ion Ratio Lower Upper
50 100
52 33.5 27.9 41.9



#4
Vinyl Chloride
Concen: 57.339 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 62 Resp: 35636
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.4

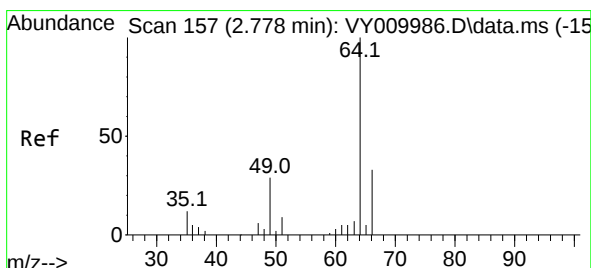
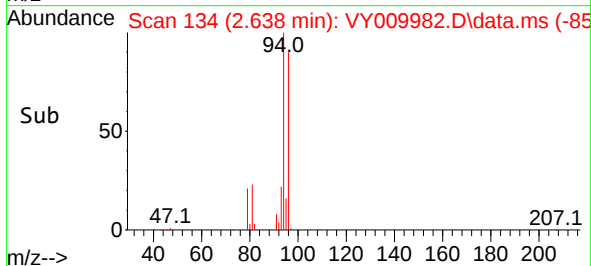
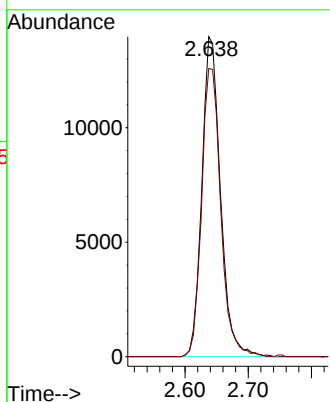
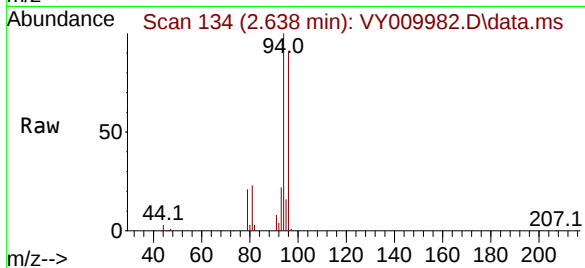




#5
Bromomethane
Concen: 66.824 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009982.D
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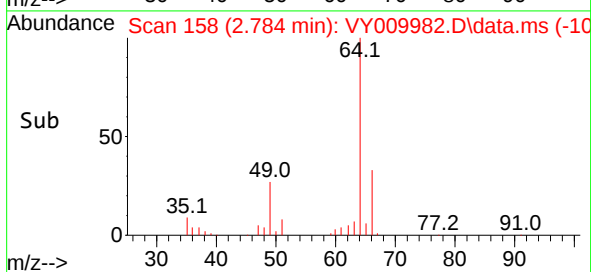
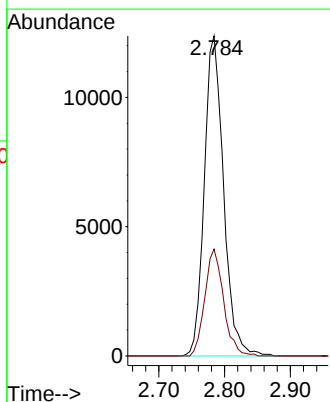
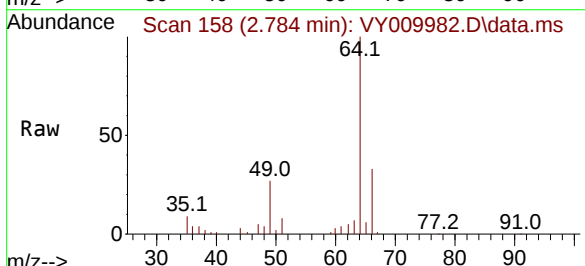
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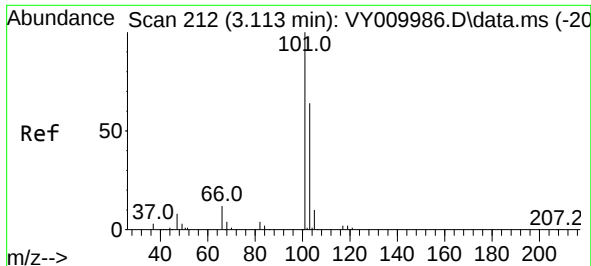
Tgt Ion: 94 Resp: 28651
Ion Ratio Lower Upper
94 100
96 90.1 74.6 111.8



#6
Chloroethane
Concen: 61.405 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 25231
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.8

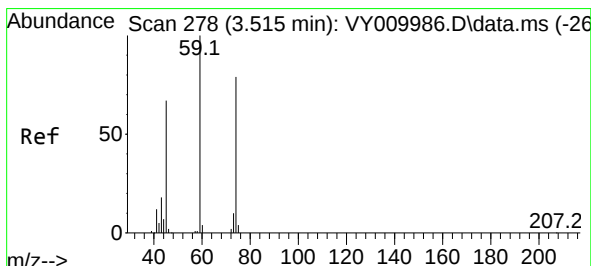
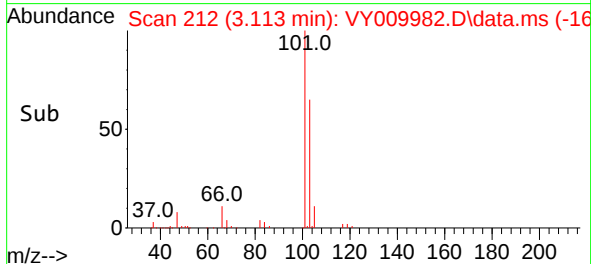
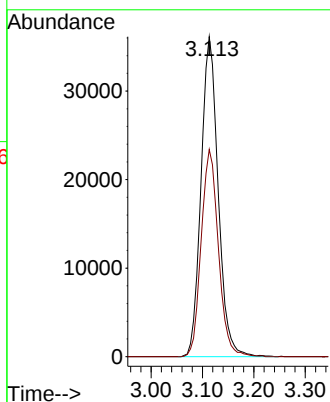
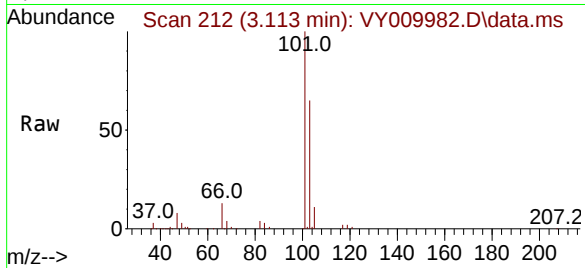




#7
 Trichlorofluoromethane
 Concen: 54.373 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009982.D
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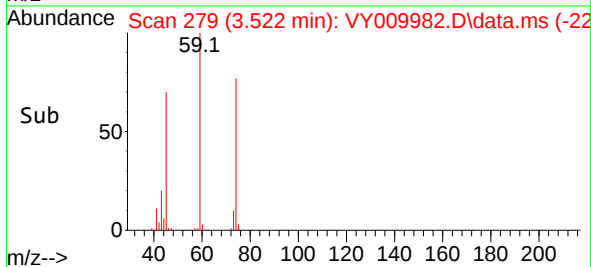
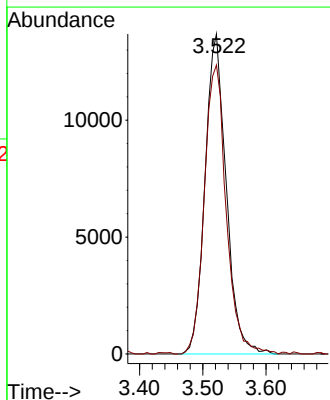
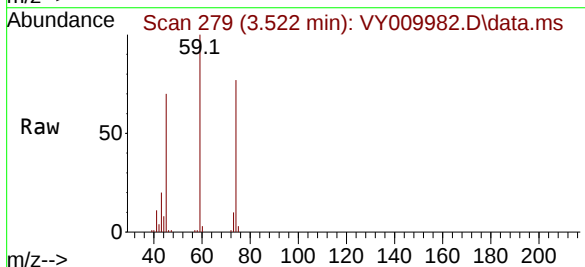
Instrument :
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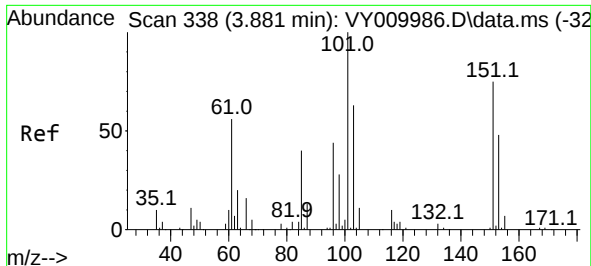
Tgt Ion:101 Resp: 83715
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 54.871 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY009982.D
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Tgt Ion: 74 Resp: 31801
 Ion Ratio Lower Upper
 74 100
 45 93.6 49.1 147.4

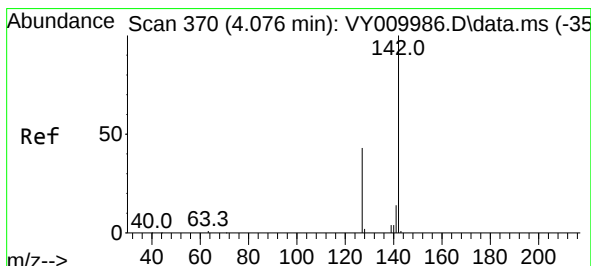
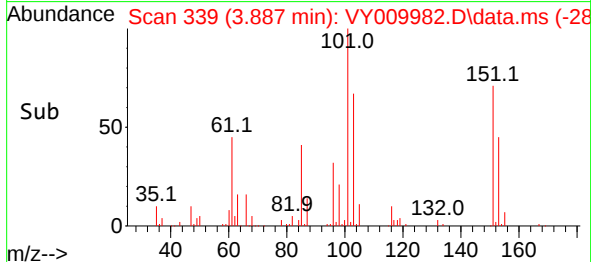
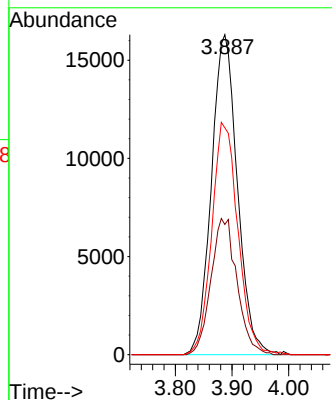
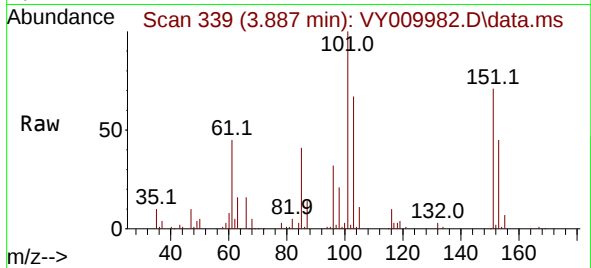




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.399 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

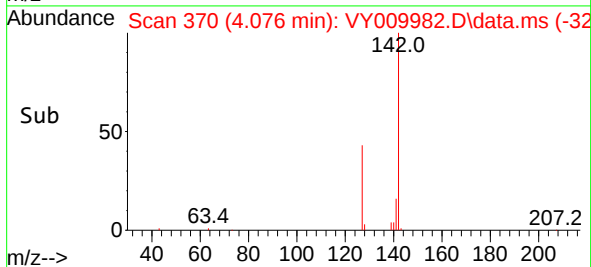
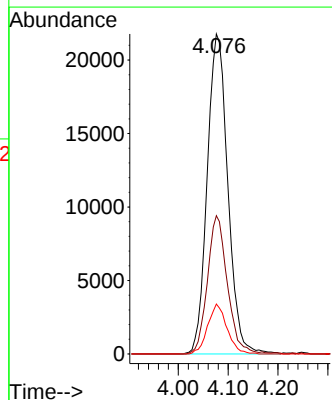
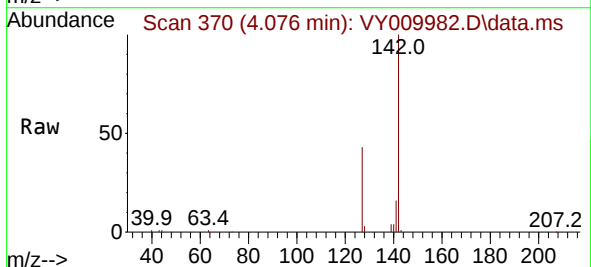
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050

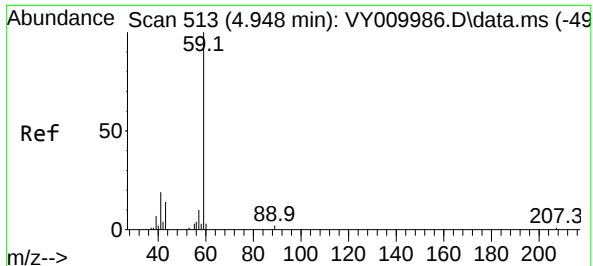
Tgt Ion:101 Resp: 51842
Ion Ratio Lower Upper
101 100
85 42.6 36.2 54.2
151 73.1 63.6 95.4



#10
Methyl Iodide
Concen: 52.881 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion:142 Resp: 62586
Ion Ratio Lower Upper
142 100
127 41.7 35.2 52.8
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 244.013 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

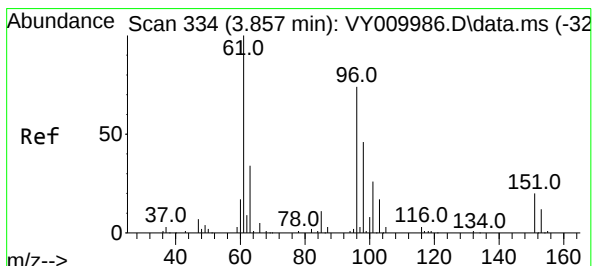
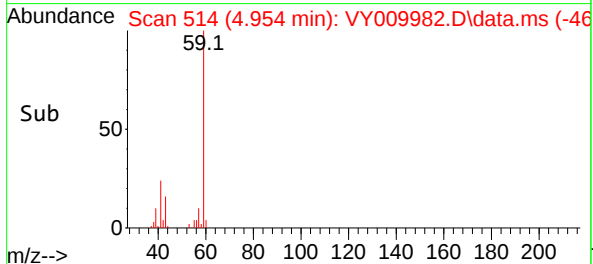
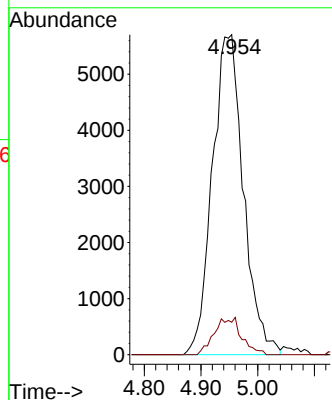
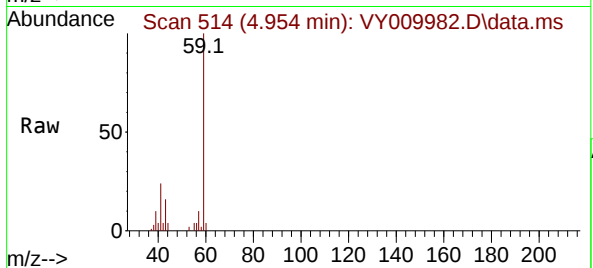
VSTDCCC050

Tgt Ion: 59 Resp: 21685

Ion Ratio Lower Upper

59 100

57 10.1 6.3 9.5#



#12

1,1-Dichloroethene

Concen: 52.232 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

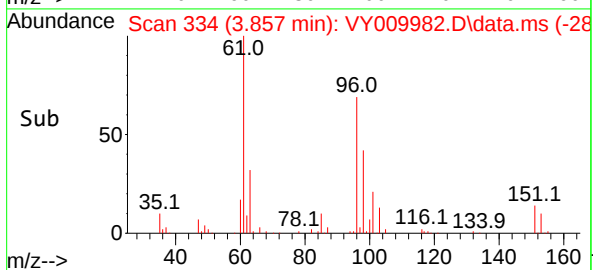
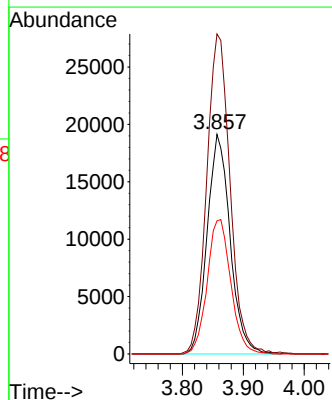
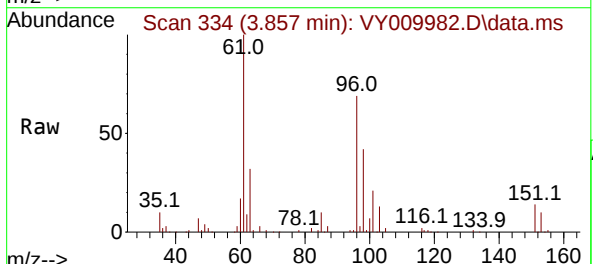
Tgt Ion: 96 Resp: 50173

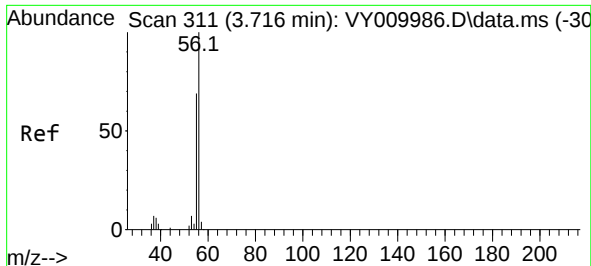
Ion Ratio Lower Upper

96 100

61 145.8 121.9 182.9

98 60.6 48.2 72.4





#13

Acrolein

Concen: 285.142 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

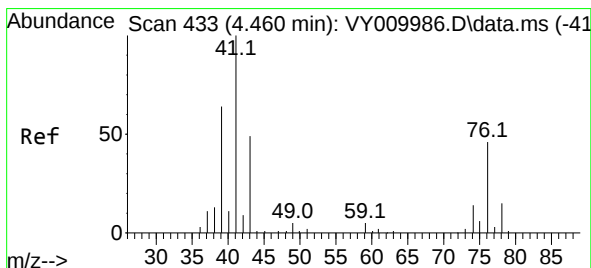
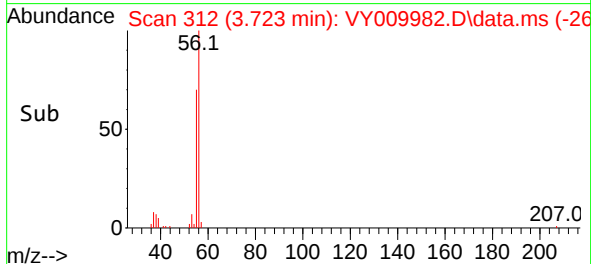
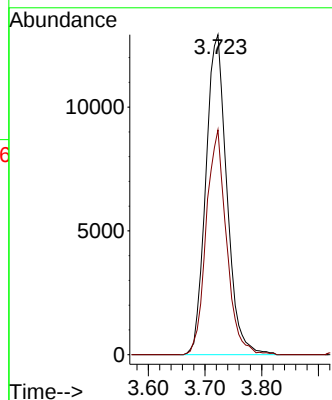
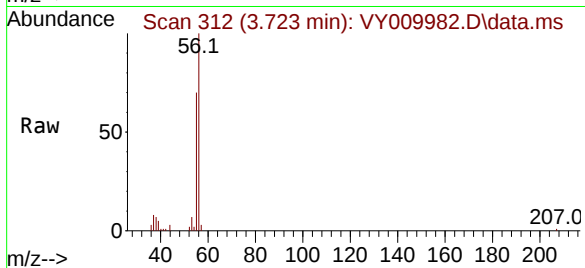
VSTDCCC050

Tgt Ion: 56 Resp: 33292

Ion Ratio Lower Upper

56 100

55 67.9 54.8 82.2



#14

Allyl chloride

Concen: 59.569 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

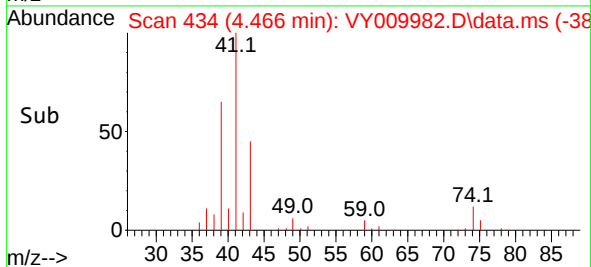
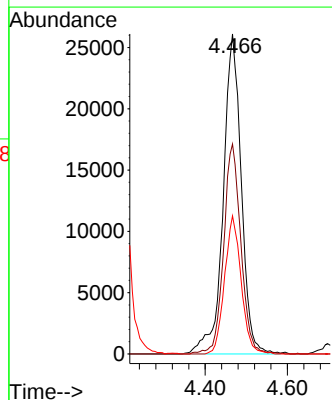
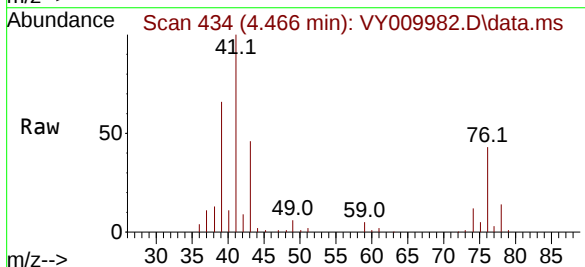
Tgt Ion: 41 Resp: 79775

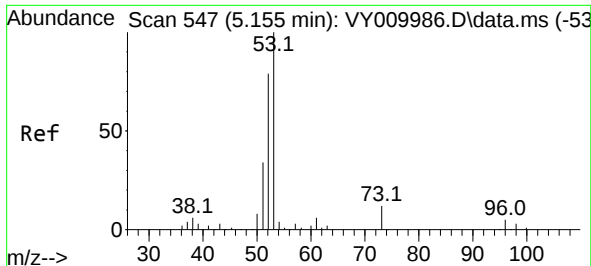
Ion Ratio Lower Upper

41 100

39 62.2 53.5 80.3

76 39.5 29.4 44.0

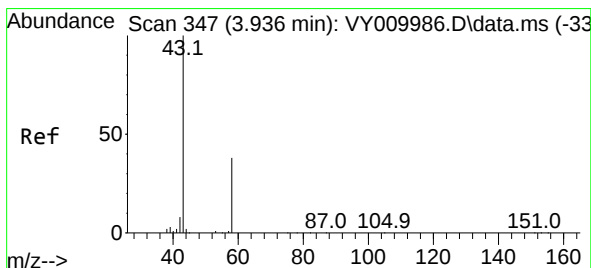
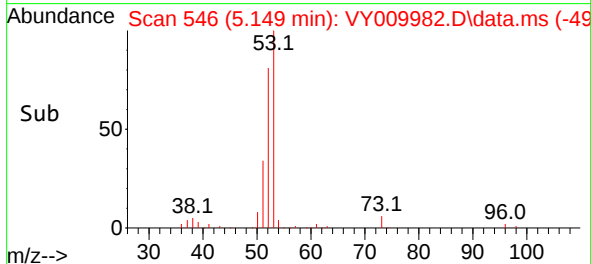
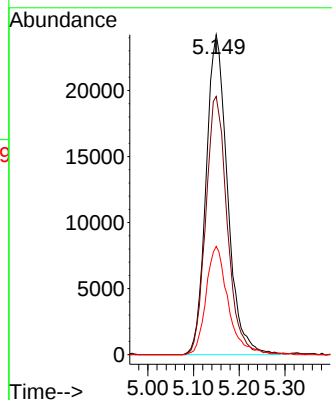
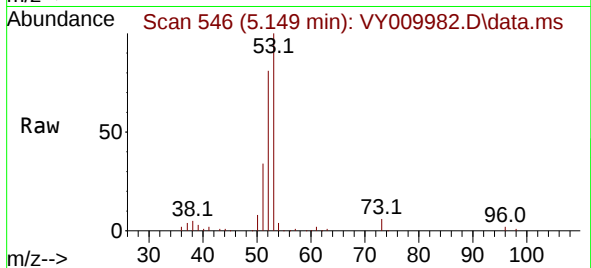




#15
Acrylonitrile
Concen: 284.979 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

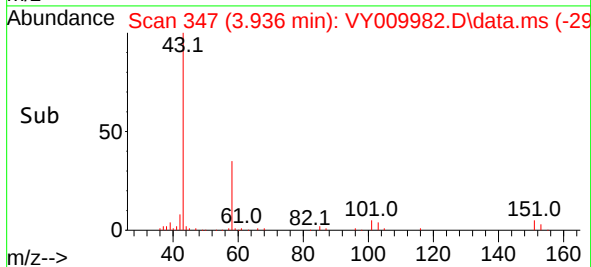
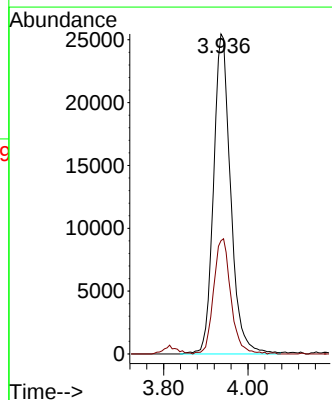
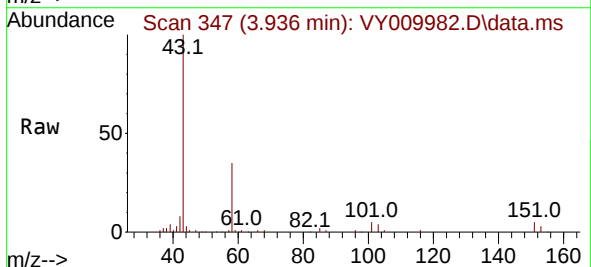
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

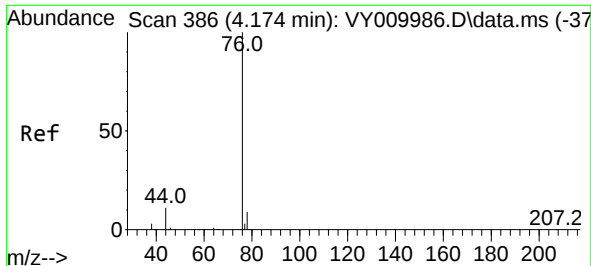
Tgt Ion:	53	Resp:	79053
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.4	98.2
51	34.8	28.4	42.6



#16
Acetone
Concen: 328.517 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion:	43	Resp:	71594
Ion	Ratio	Lower	Upper
43	100		
58	35.4	24.0	36.0

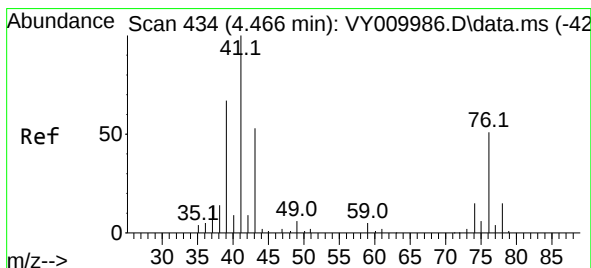
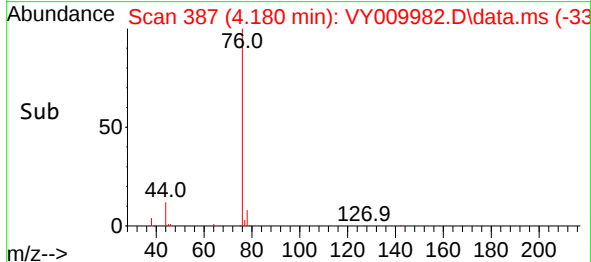
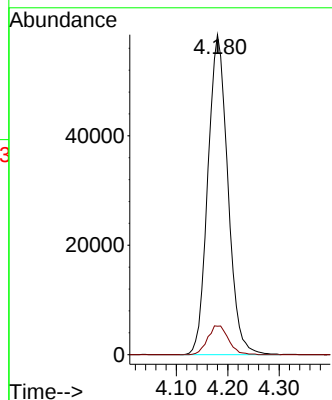
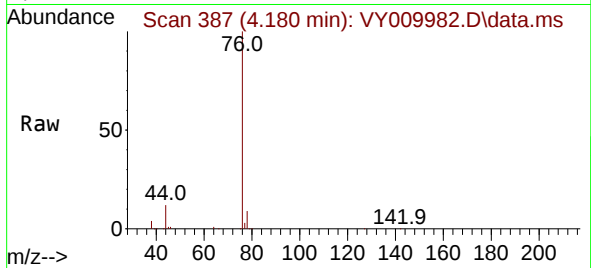




#17
Carbon Disulfide
Concen: 50.465 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

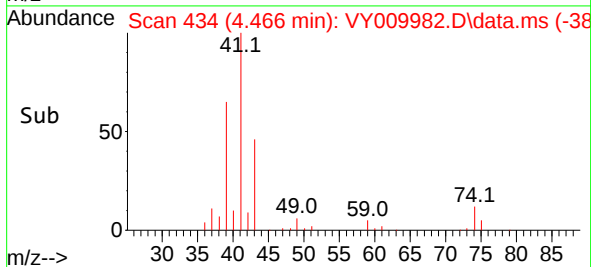
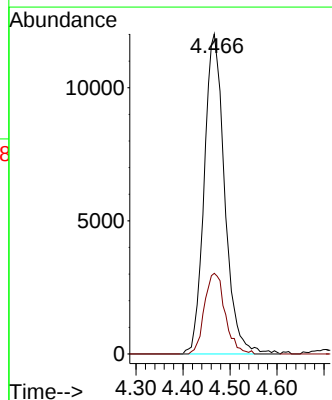
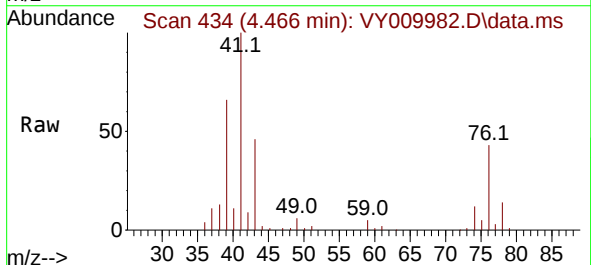
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

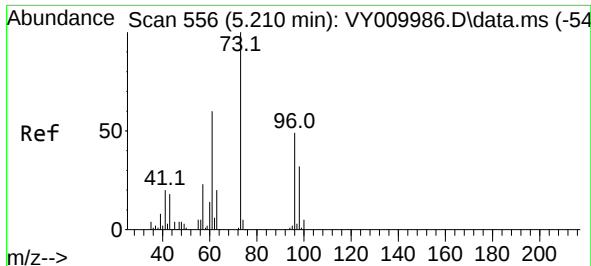
Tgt Ion: 76 Resp: 157765
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 61.227 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 43 Resp: 36318
Ion Ratio Lower Upper
43 100
74 25.5 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 57.325 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

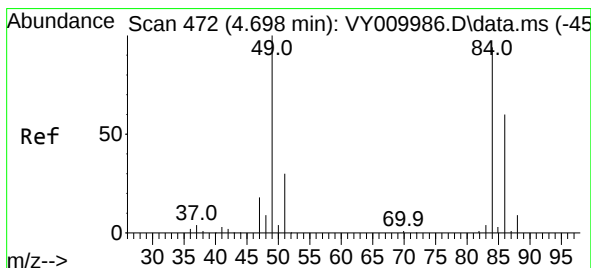
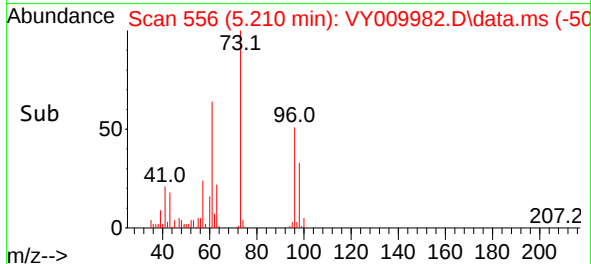
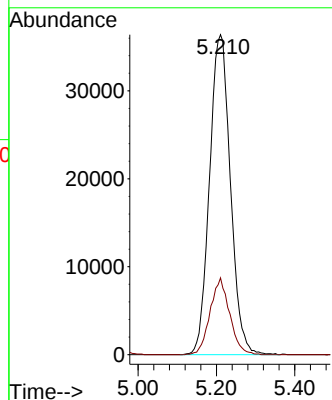
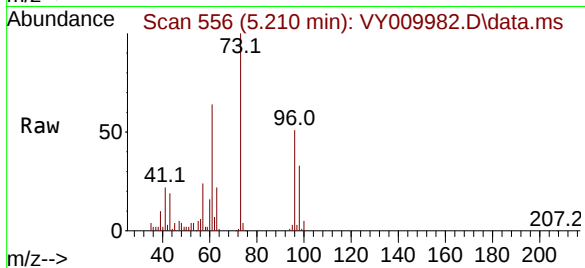
VSTDCCC050

Tgt Ion: 73 Resp: 134556

Ion Ratio Lower Upper

73 100

57 24.0 18.5 27.7



#20

Methylene Chloride

Concen: 51.025 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Tgt Ion: 84 Resp: 57928

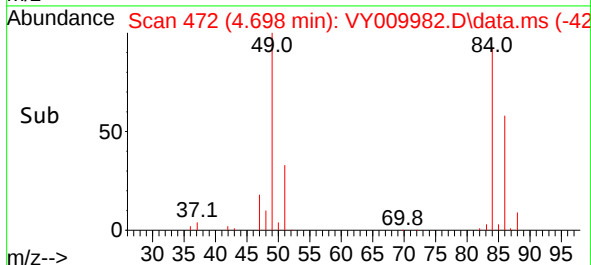
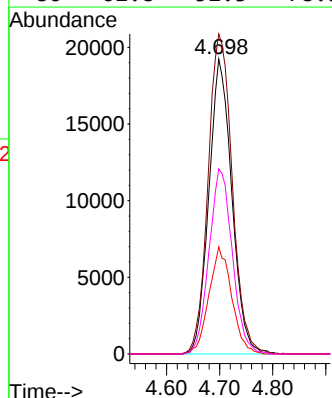
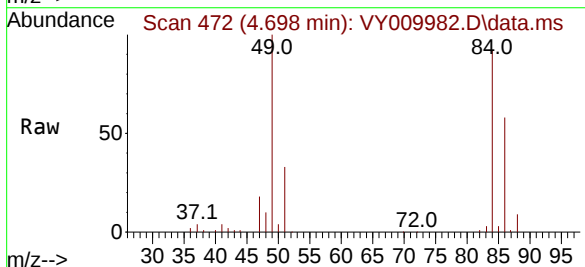
Ion Ratio Lower Upper

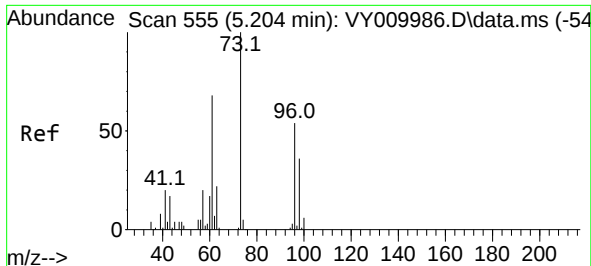
84 100

49 108.5 98.2 147.4

51 36.3 33.4 50.0

86 62.8 52.3 78.5

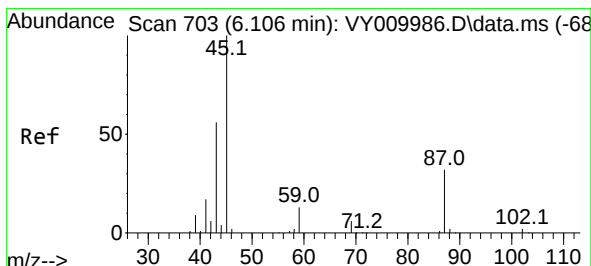
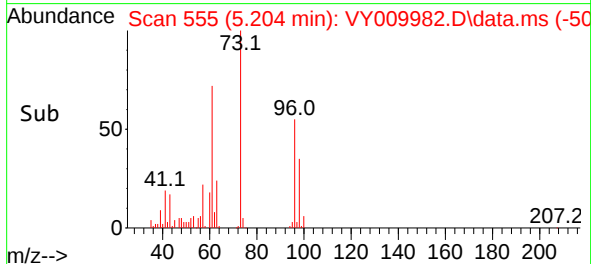
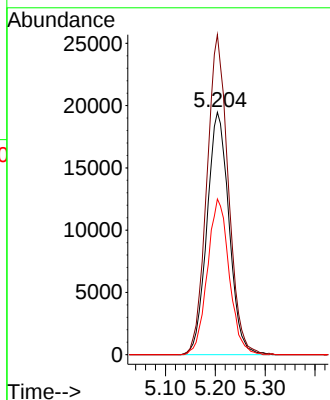
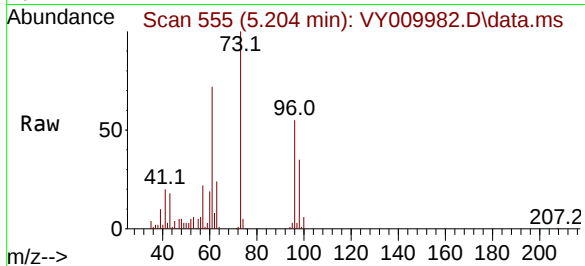




#21
trans-1,2-Dichloroethene
Concen: 55.964 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

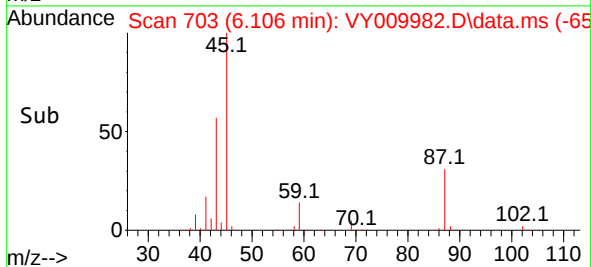
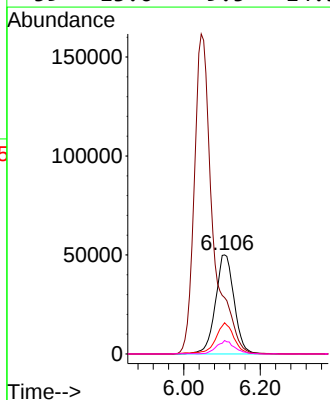
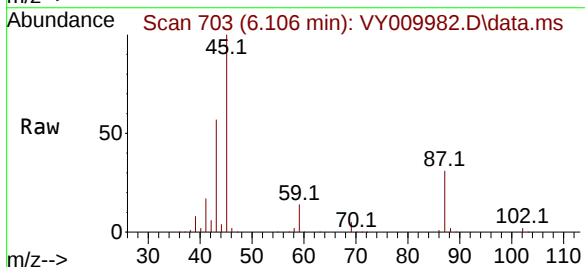
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

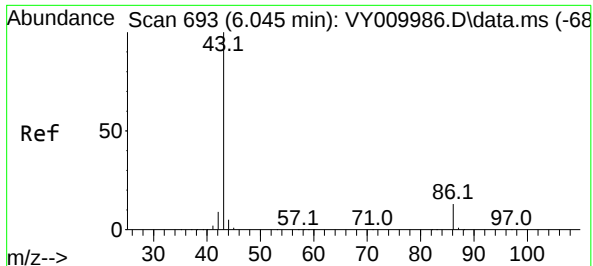
Tgt Ion: 96 Resp: 59742
Ion Ratio Lower Upper
96 100
61 132.0 105.8 158.6
98 64.2 49.7 74.5



#22
Diisopropyl ether
Concen: 62.743 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 45 Resp: 169877
Ion Ratio Lower Upper
45 100
43 56.6 43.7 65.5
87 31.4 22.2 33.4
59 13.6 9.5 14.3

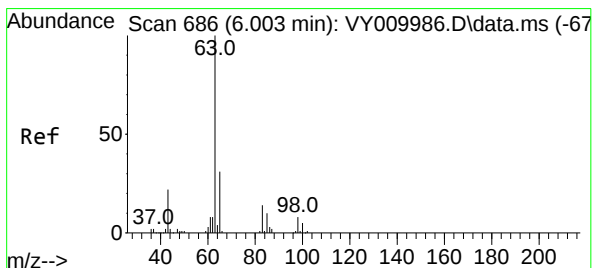
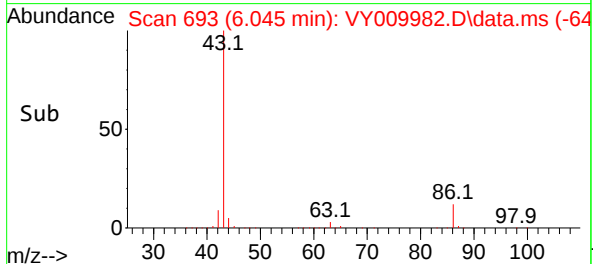
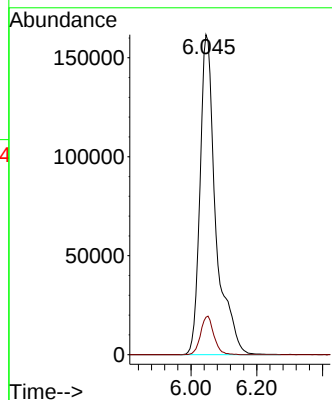
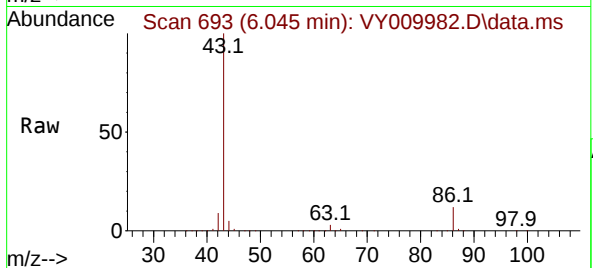




#23
 Vinyl Acetate
 Concen: 322.596 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009982.D
 Acq: 12 Aug 2022 11:58

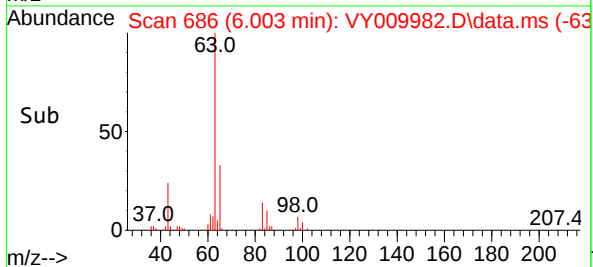
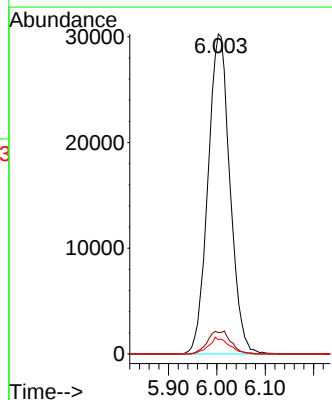
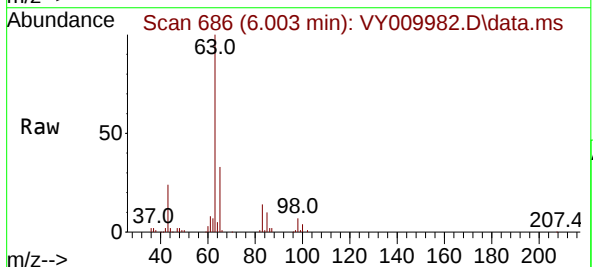
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

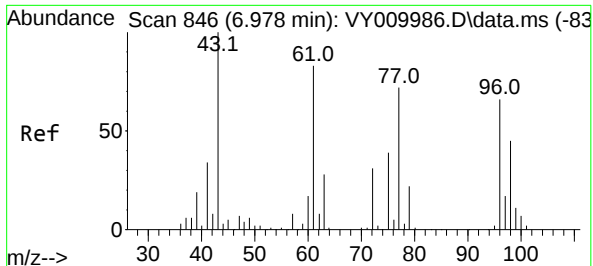
Tgt Ion: 43 Resp: 539688
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 55.378 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009982.D
 Acq: 12 Aug 2022 11:58

Tgt Ion: 63 Resp: 95677
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.4 2.8 8.3





#25

2-Butanone

Concen: 305.471 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

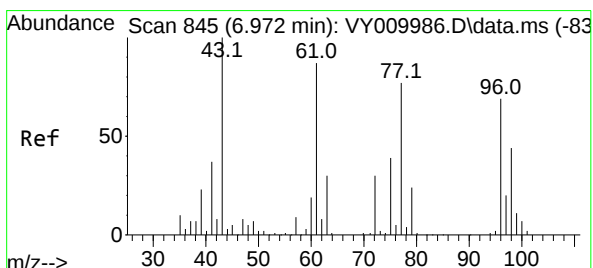
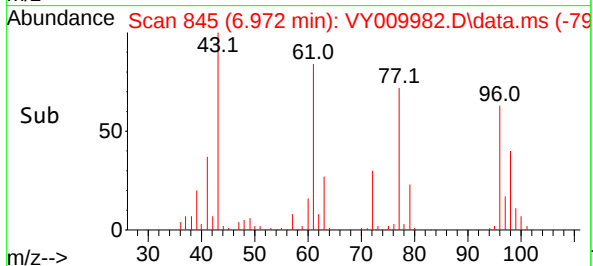
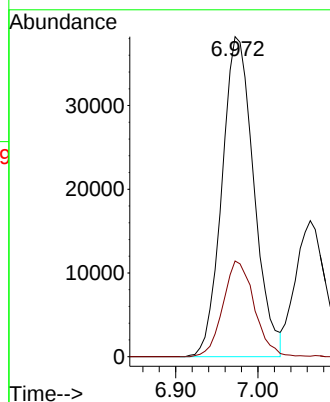
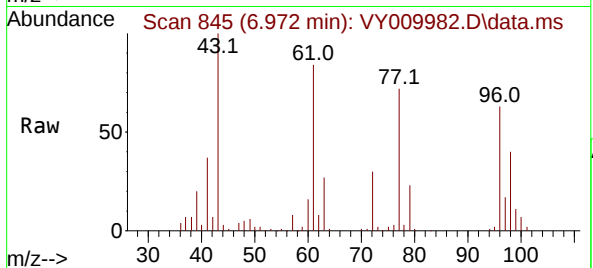
VSTDCCC050

Tgt Ion: 43 Resp: 103300

Ion Ratio Lower Upper

43 100

72 29.9 21.5 32.3



#26

2,2-Dichloropropane

Concen: 54.037 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009982.D

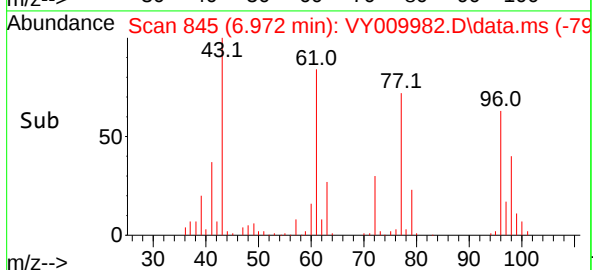
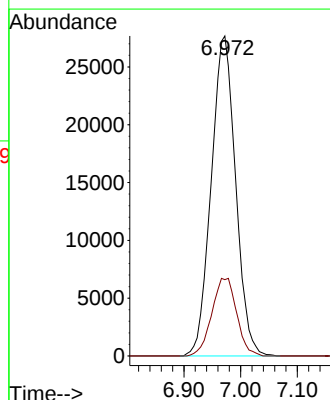
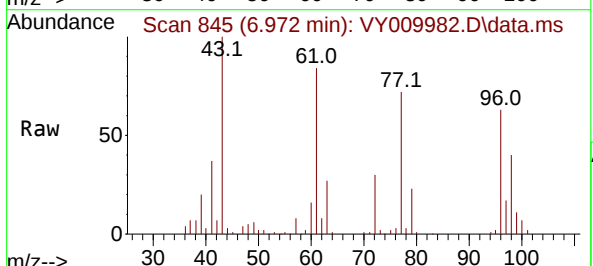
Acq: 12 Aug 2022 11:58

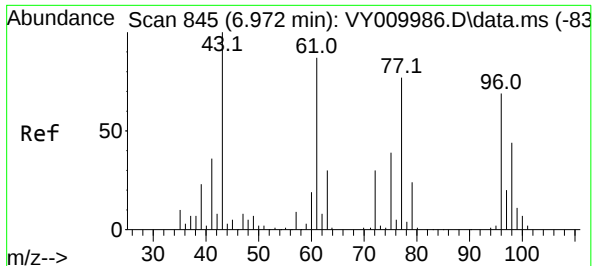
Tgt Ion: 77 Resp: 82750

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 57.762 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

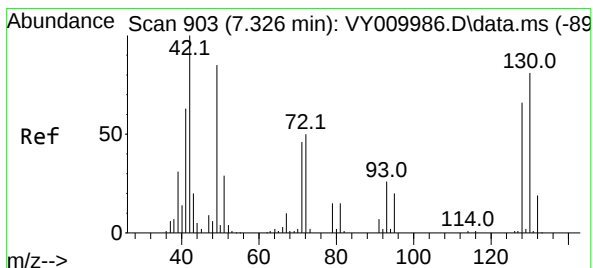
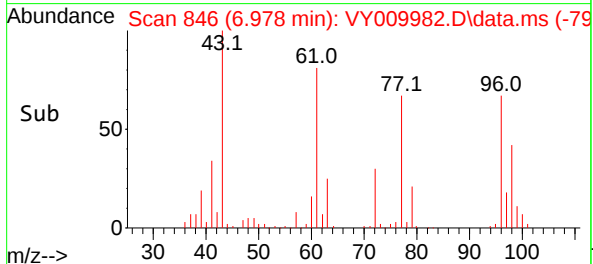
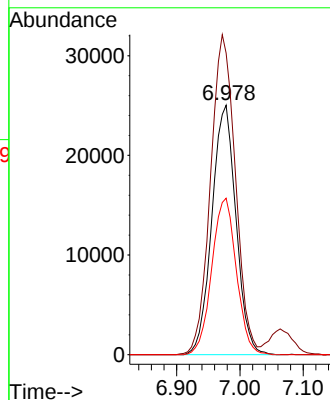
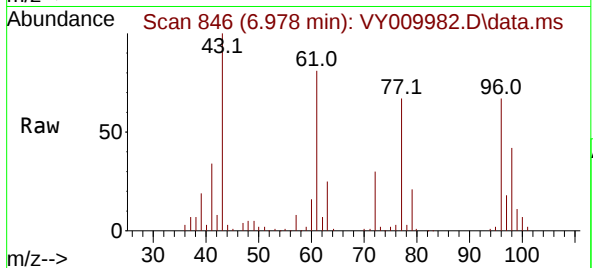
Tgt Ion: 96 Resp: 66239

Ion Ratio Lower Upper

96 100

61 132.7 0.0 285.6

98 63.9 0.0 131.0



#28

Bromochloromethane

Concen: 59.001 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

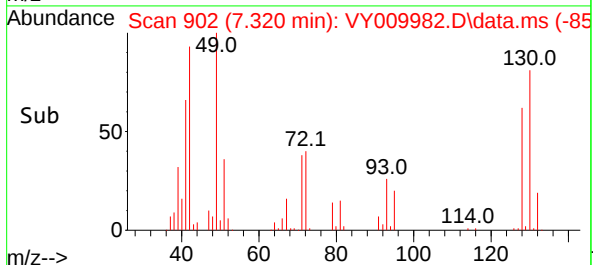
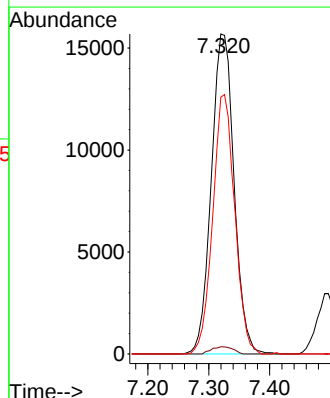
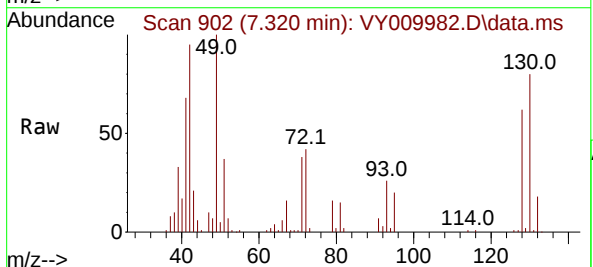
Tgt Ion: 49 Resp: 40715

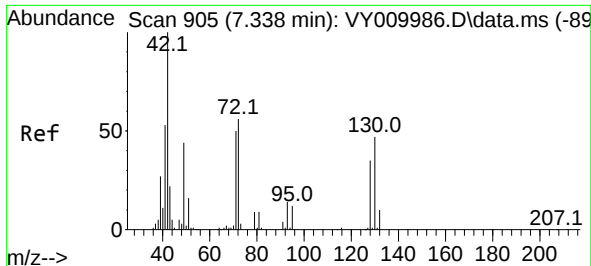
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 78.2 64.1 96.1





#29

Tetrahydrofuran

Concen: 307.443 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

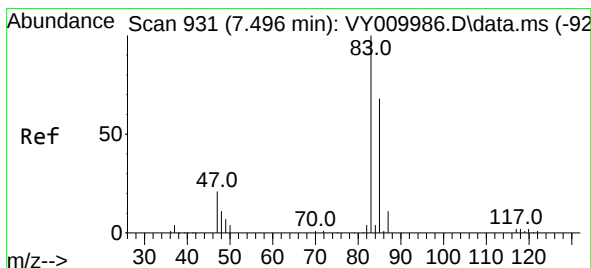
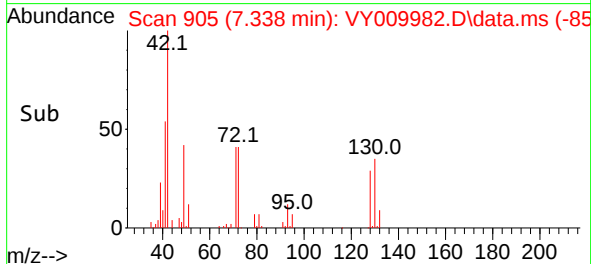
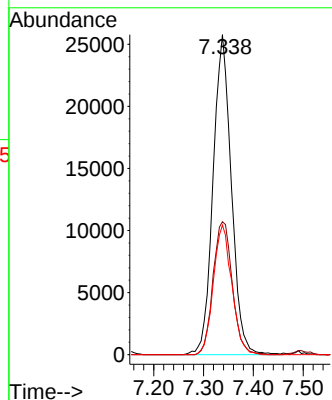
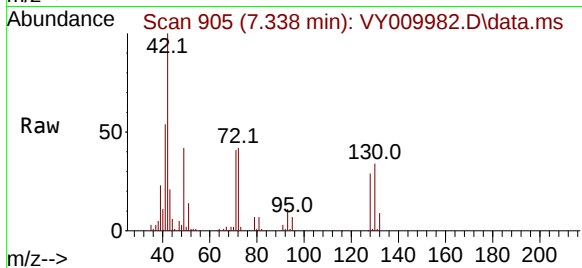
Tgt Ion: 42 Resp: 65706

Ion Ratio Lower Upper

42 100

72 43.6 34.6 52.0

71 40.8 32.7 49.1



#30

Chloroform

Concen: 53.676 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009982.D

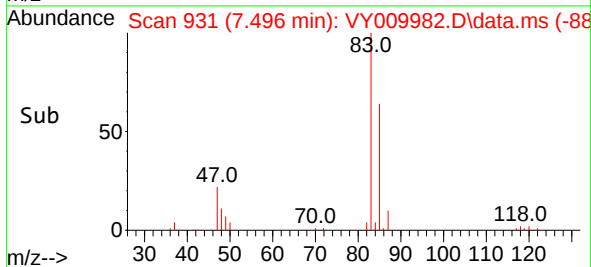
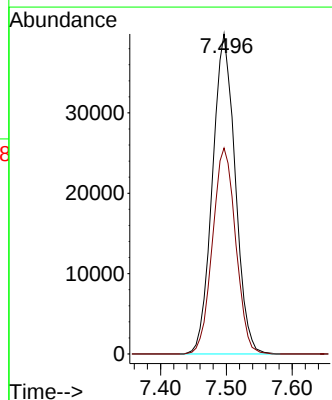
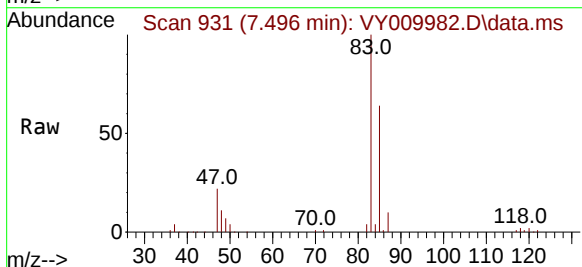
Acq: 12 Aug 2022 11:58

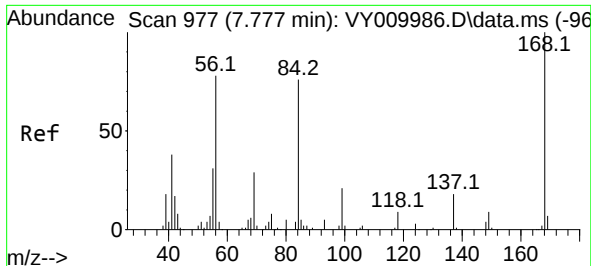
Tgt Ion: 83 Resp: 95895

Ion Ratio Lower Upper

83 100

85 64.3 50.5 75.7

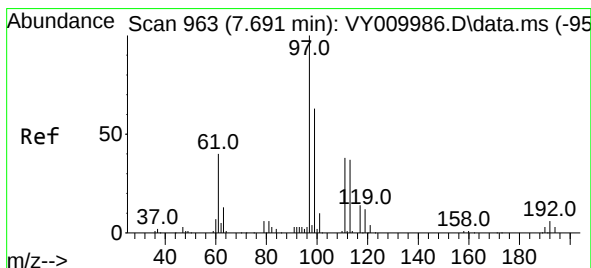
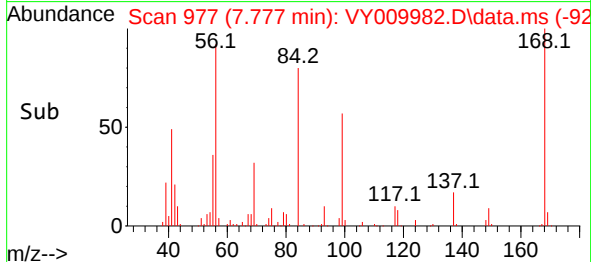
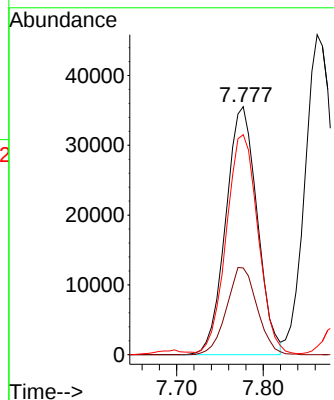
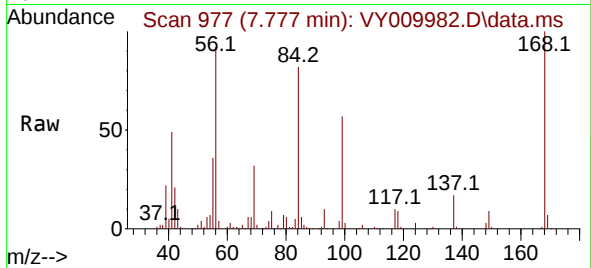




#31
Cyclohexane
Concen: 55.198 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

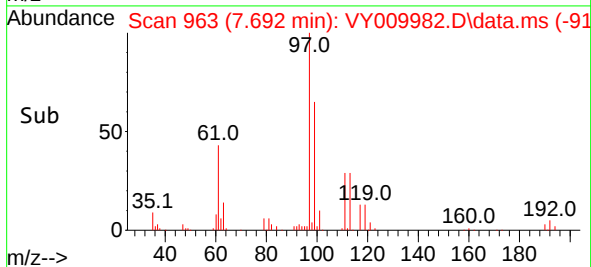
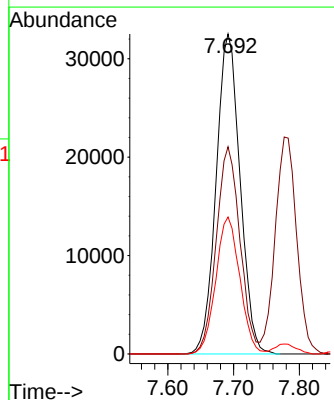
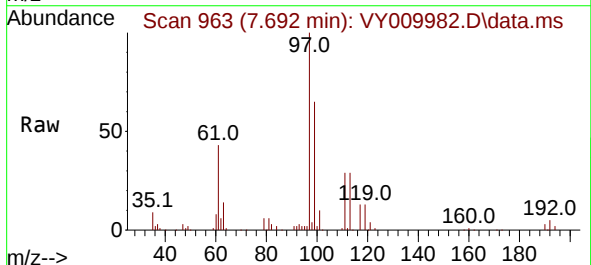
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

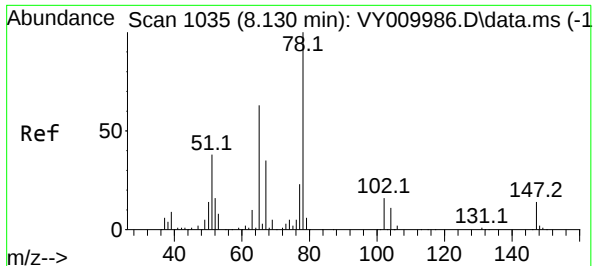
Tgt Ion: 56 Resp: 89652
Ion Ratio Lower Upper
56 100
69 35.0 26.0 39.0
84 87.6 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 54.255 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 97 Resp: 82362
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 43.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 36.111 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

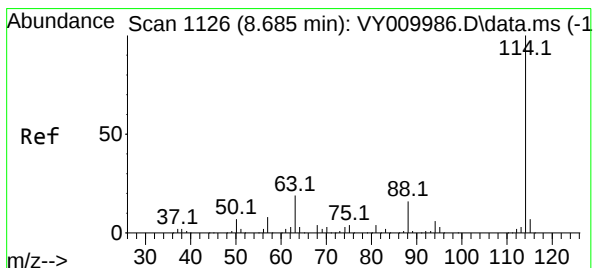
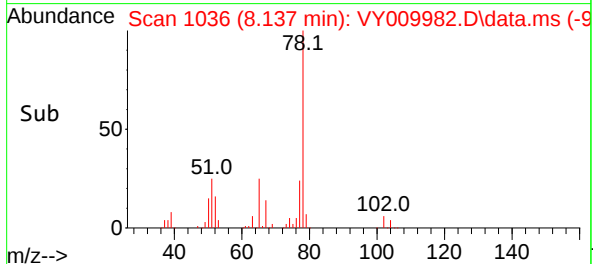
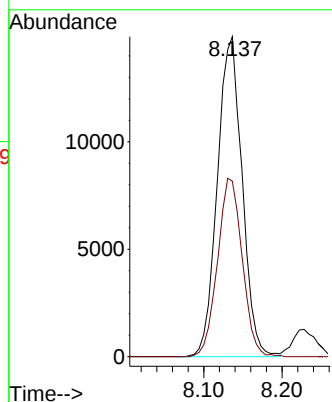
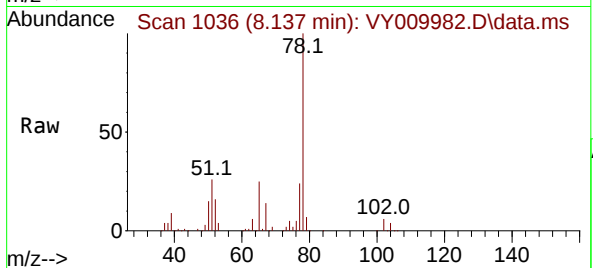
VSTDCCC050

Tgt Ion: 65 Resp: 32767

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

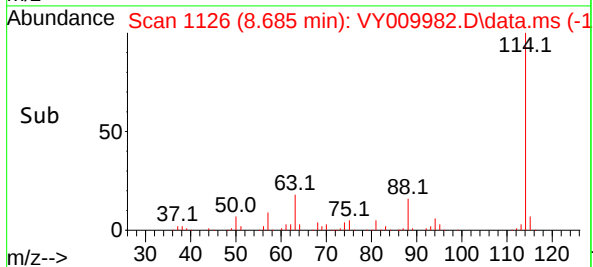
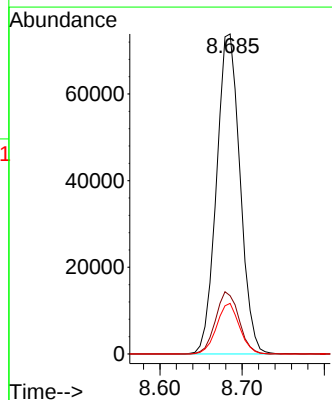
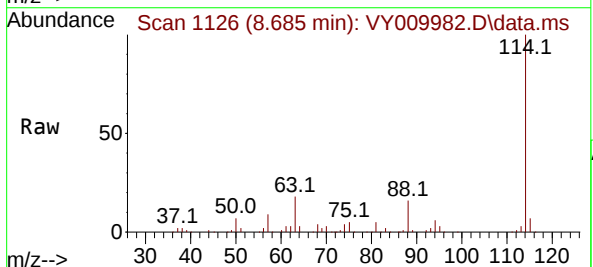
Tgt Ion: 114 Resp: 146907

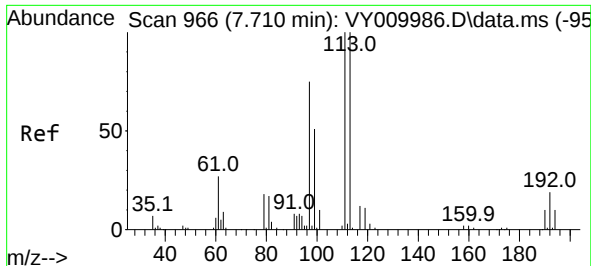
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.0

88 15.8 0.0 30.0

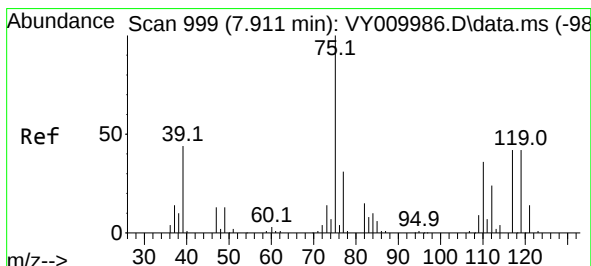
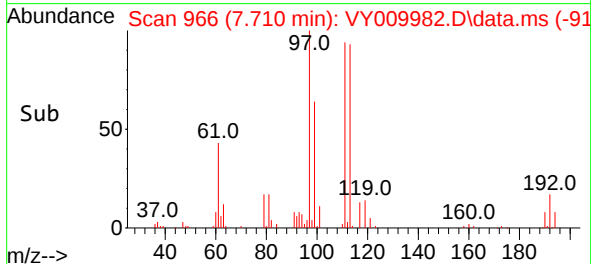
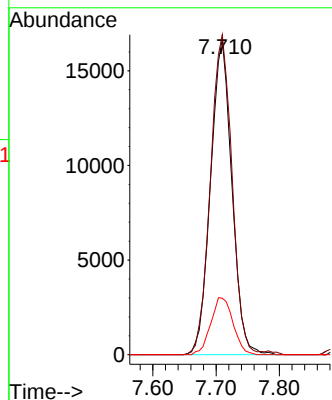
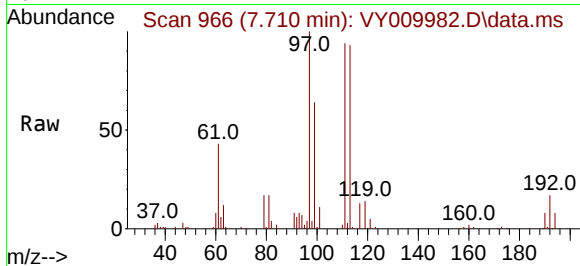




#35
Dibromofluoromethane
Concen: 43.213 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

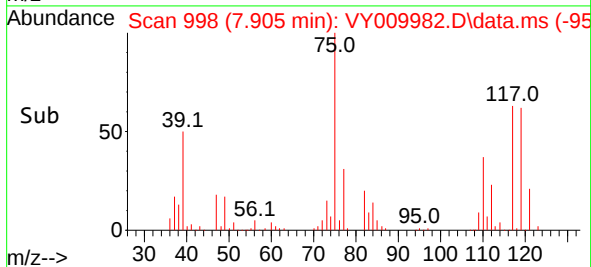
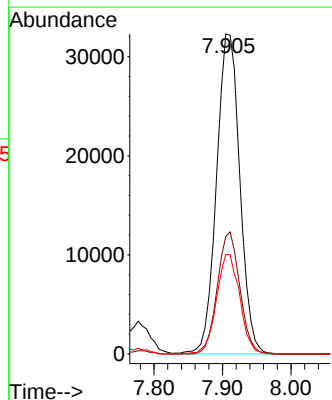
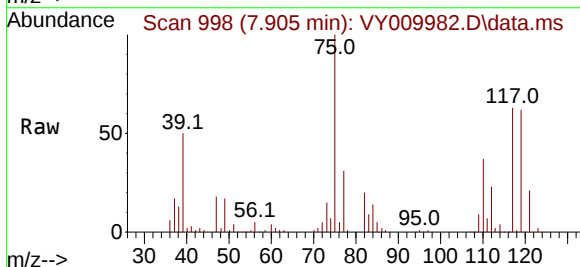
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

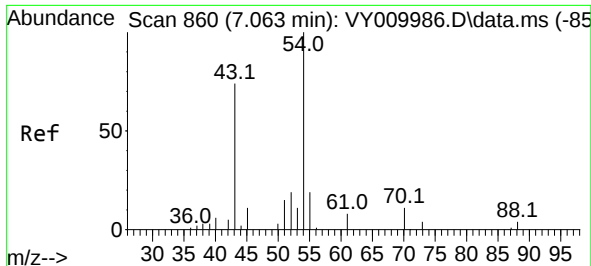
Tgt Ion:113 Resp: 38854
Ion Ratio Lower Upper
113 100
111 103.2 80.6 120.8
192 18.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 56.893 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 75 Resp: 76174
Ion Ratio Lower Upper
75 100
110 36.6 18.6 56.0
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 58.740 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

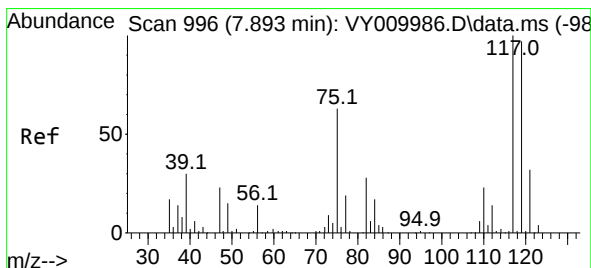
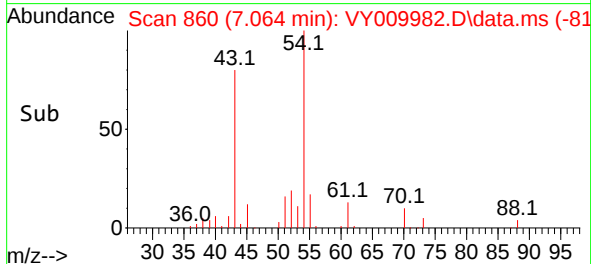
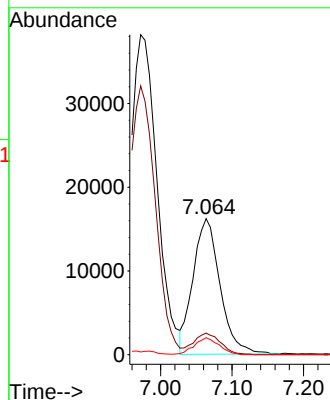
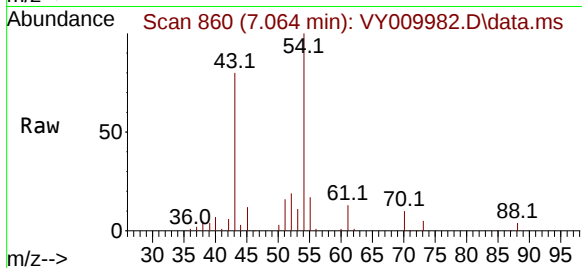
Tgt Ion: 43 Resp: 42446

Ion Ratio Lower Upper

43 100

61 15.6 11.2 16.8

70 11.5 8.4 12.6



#38

Carbon Tetrachloride

Concen: 56.037 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

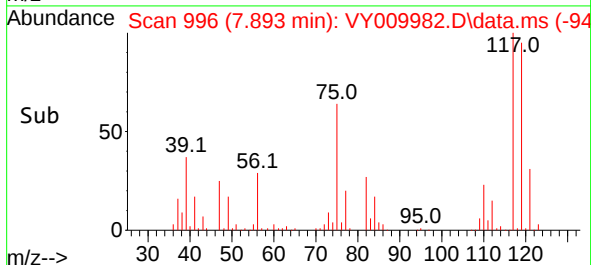
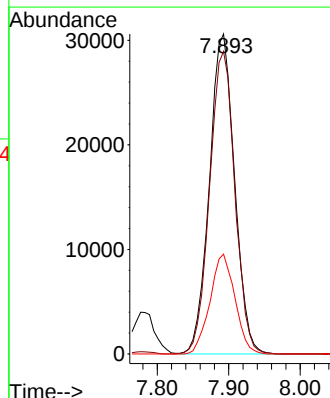
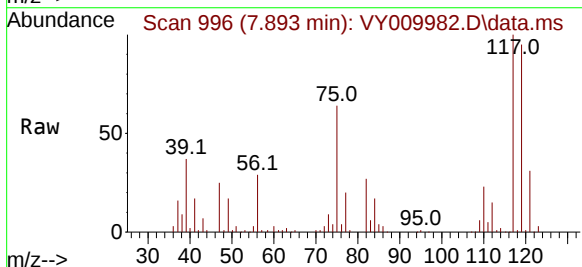
Tgt Ion: 117 Resp: 74874

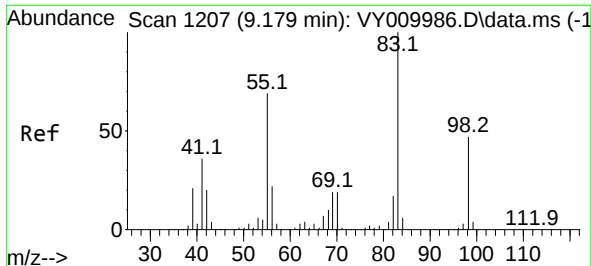
Ion Ratio Lower Upper

117 100

119 94.6 75.9 113.9

121 31.2 24.9 37.3





#39

Methylcyclohexane

Concen: 58.237 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

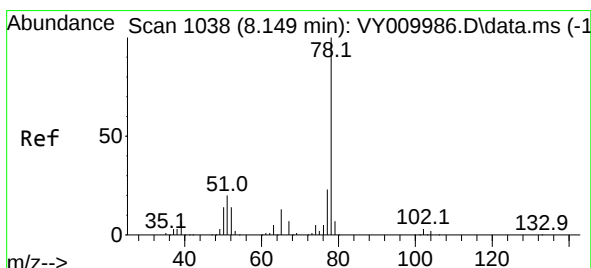
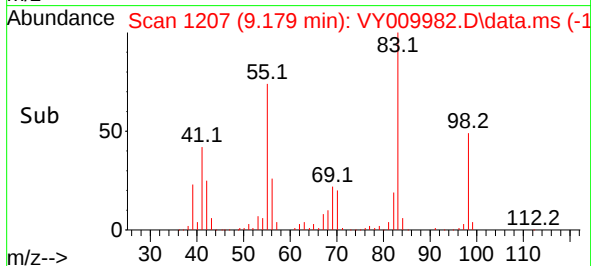
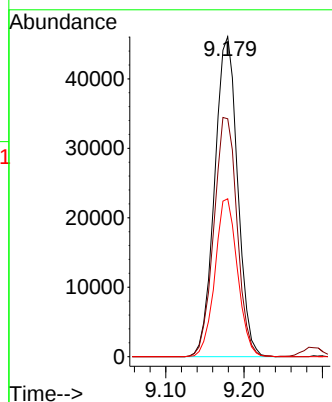
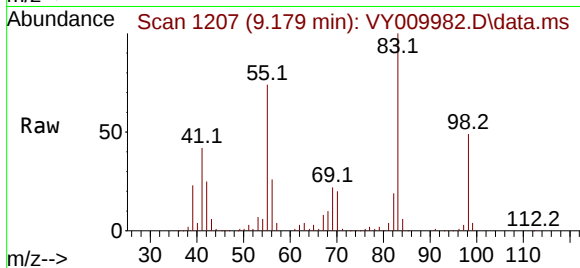
Tgt Ion: 83 Resp: 93887

Ion Ratio Lower Upper

83 100

55 74.3 56.7 85.1

98 49.3 39.9 59.9



#40

Benzene

Concen: 56.703 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009982.D

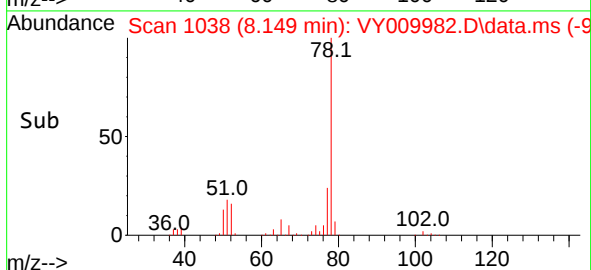
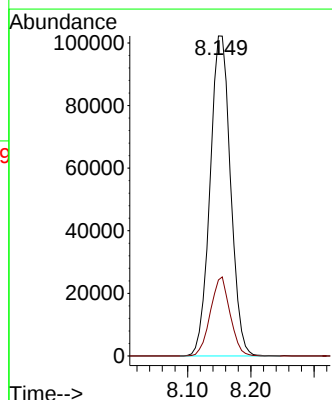
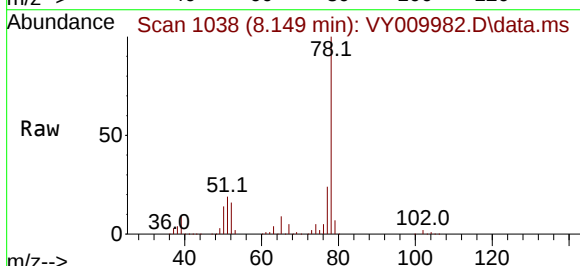
Acq: 12 Aug 2022 11:58

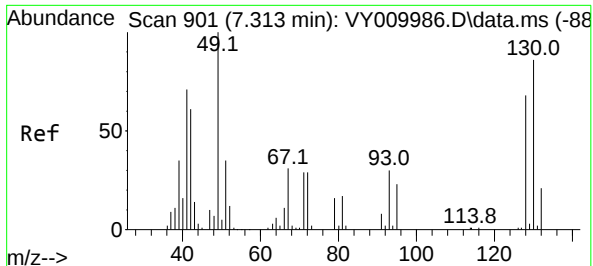
Tgt Ion: 78 Resp: 229747

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

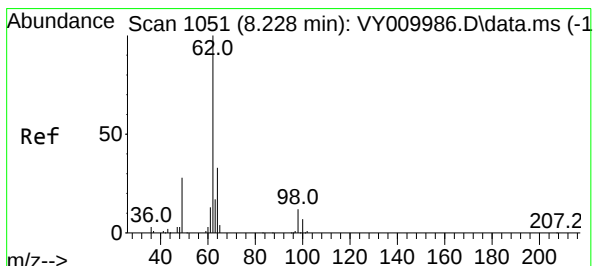
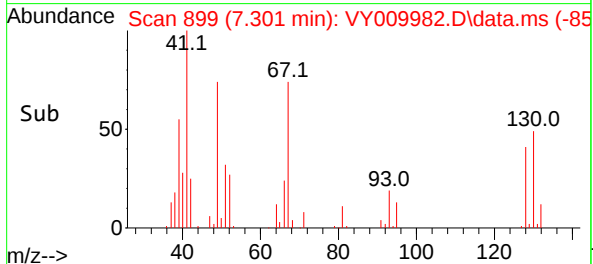
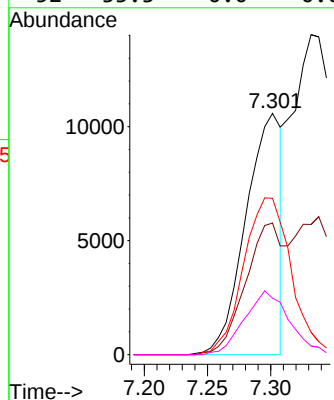
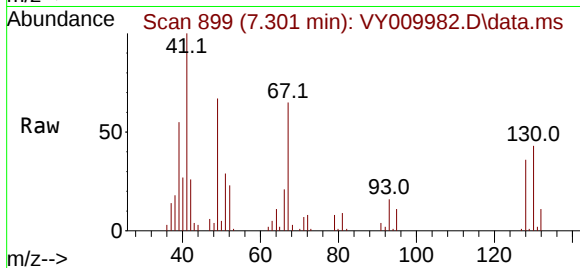




#41
Methacrylonitrile
Concen: 54.111 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

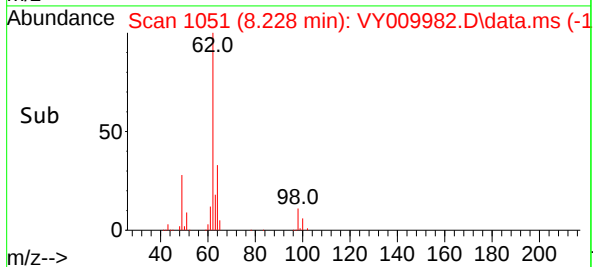
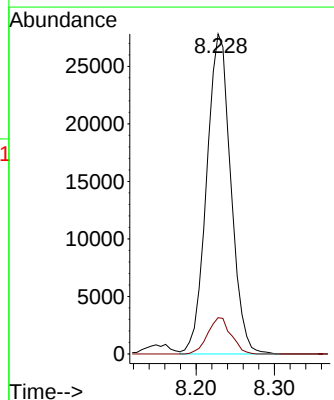
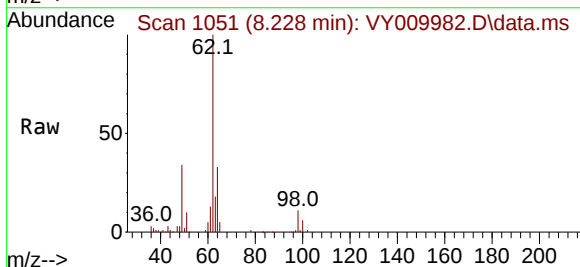
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

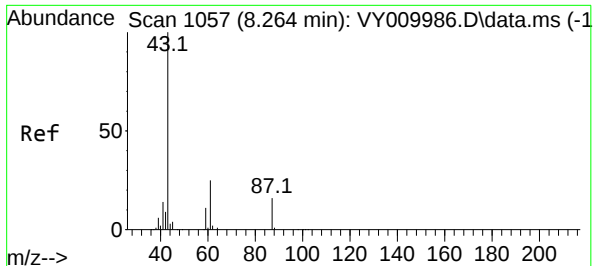
Tgt Ion:	41	Resp:	20769
Ion	Ratio	Lower	Upper
41	100		
39	61.9	0.0	0.0#
67	87.0	0.0	0.0#
52	33.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 56.806 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion:	62	Resp:	59622
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6





#43

Isopropyl Acetate

Concen: 61.702 ug/l

RT: 8.265 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

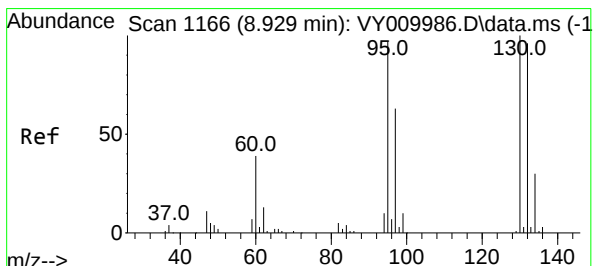
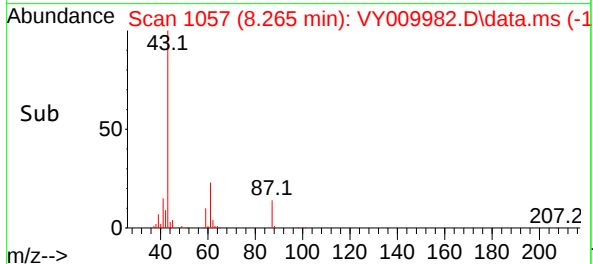
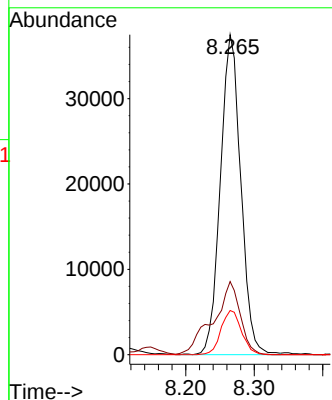
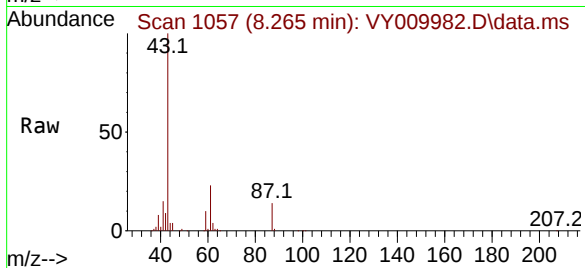
Tgt Ion: 43 Resp: 77392

Ion Ratio Lower Upper

43 100

61 30.3 23.6 35.4

87 13.8 11.3 16.9



#44

Trichloroethene

Concen: 54.009 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY009982.D

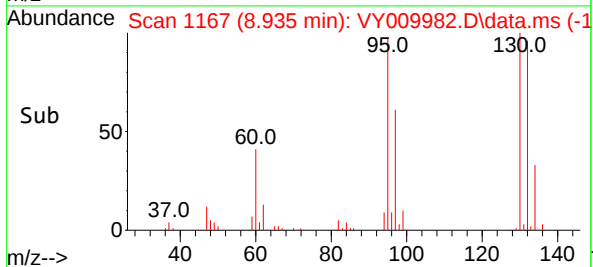
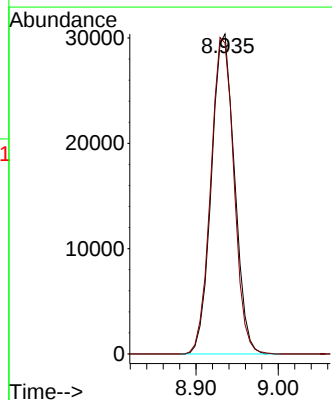
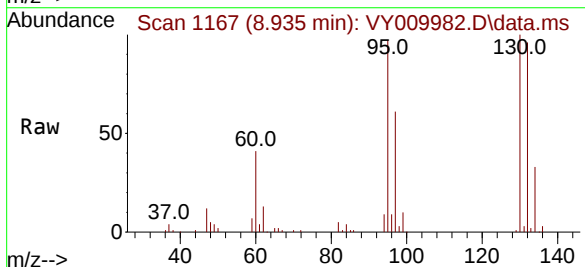
Acq: 12 Aug 2022 11:58

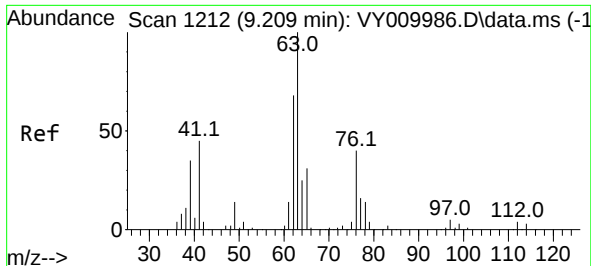
Tgt Ion:130 Resp: 59260

Ion Ratio Lower Upper

130 100

95 97.1 0.0 194.6

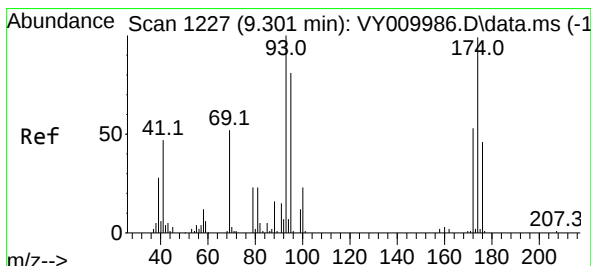
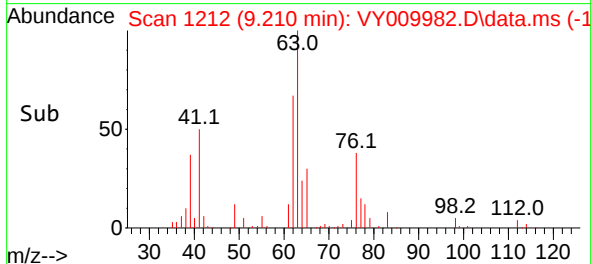
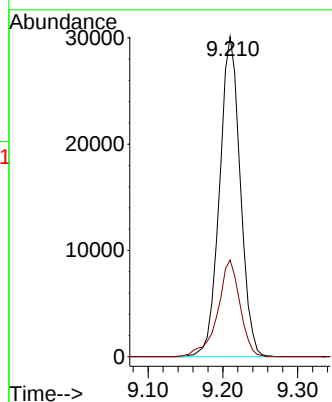
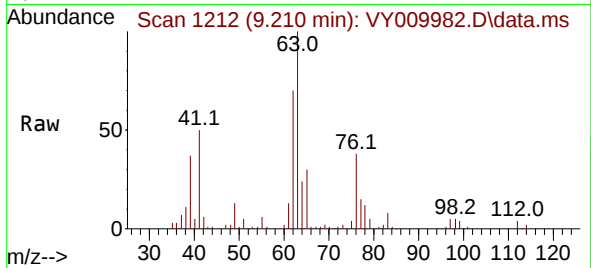




#45
1,2-Dichloropropane
Concen: 59.706 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

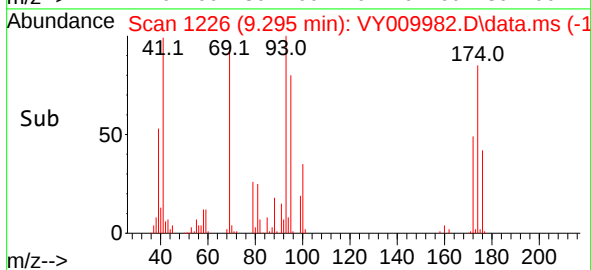
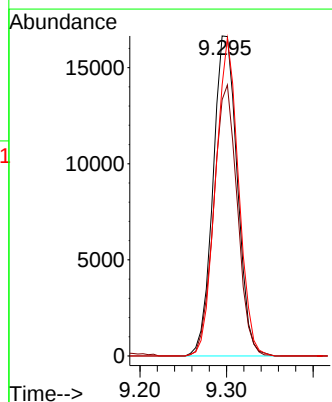
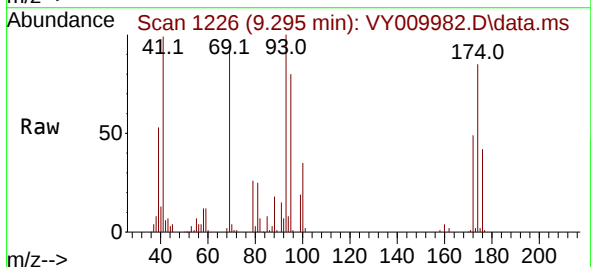
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

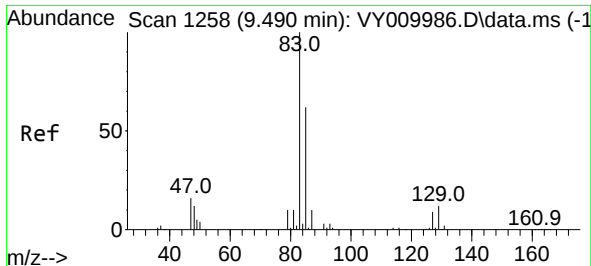
Tgt Ion: 63 Resp: 58045
Ion Ratio Lower Upper
63 100
65 30.2 23.7 35.5



#46
Dibromomethane
Concen: 55.427 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 93 Resp: 32441
Ion Ratio Lower Upper
93 100
95 82.3 66.3 99.5
174 93.9 80.6 120.8





#47

Bromodichloromethane

Concen: 58.539 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

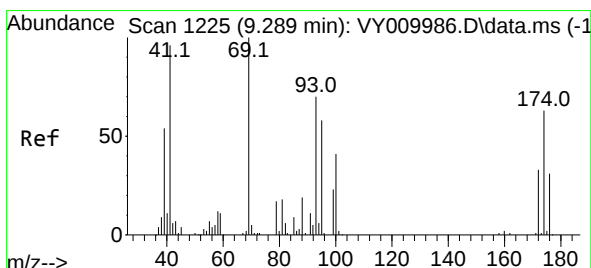
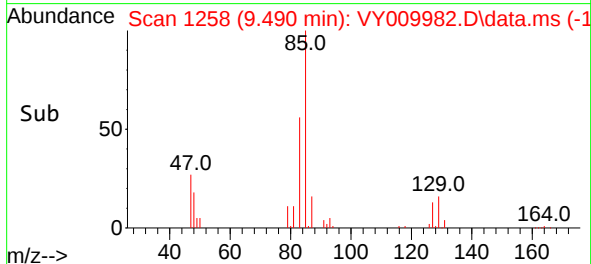
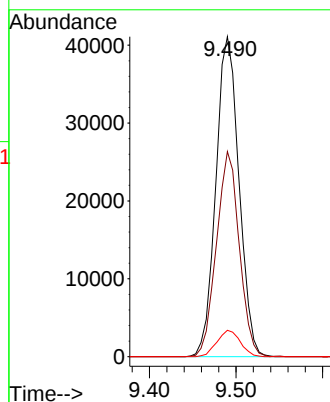
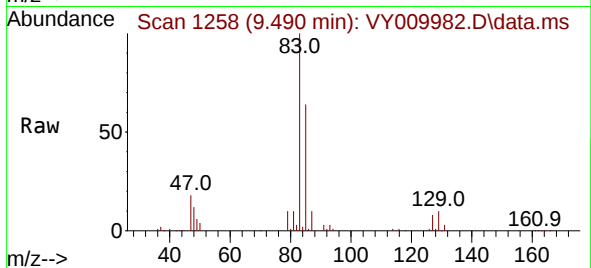
Tgt Ion: 83 Resp: 76172

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

127 8.2 7.1 10.7



#48

Methyl methacrylate

Concen: 64.824 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

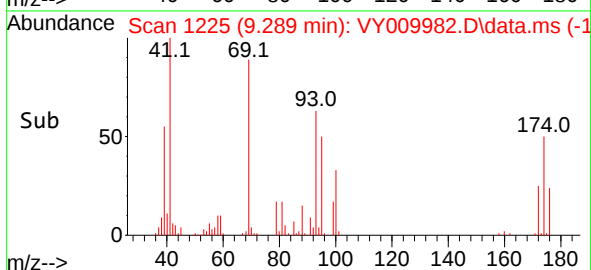
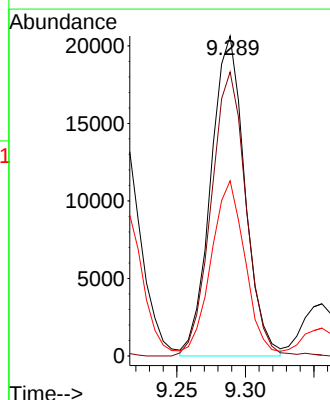
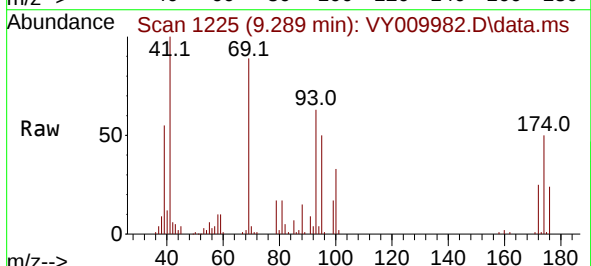
Tgt Ion: 41 Resp: 35676

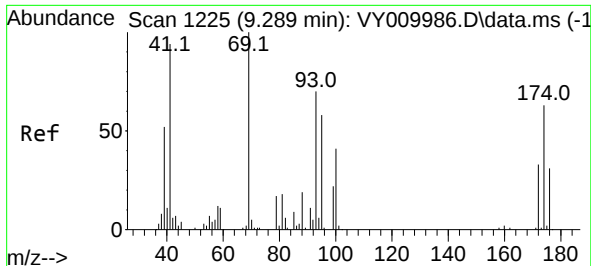
Ion Ratio Lower Upper

41 100

69 91.0 73.2 109.8

39 51.6 47.5 71.3





#49

1,4-Dioxane

Concen: 1082.836 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

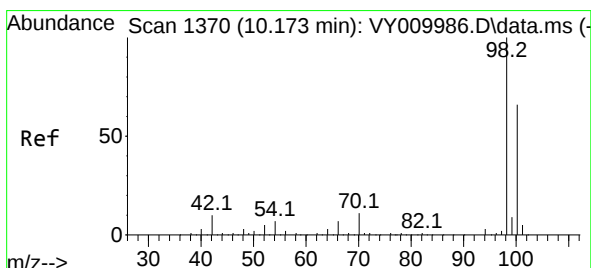
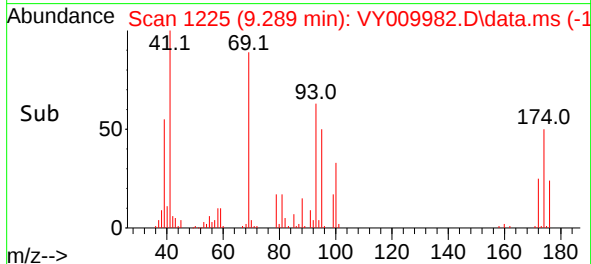
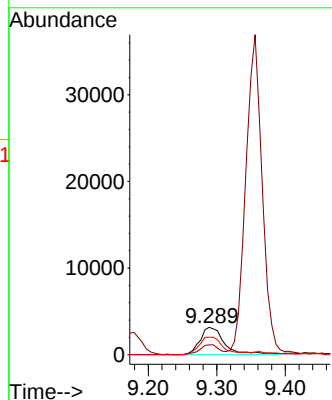
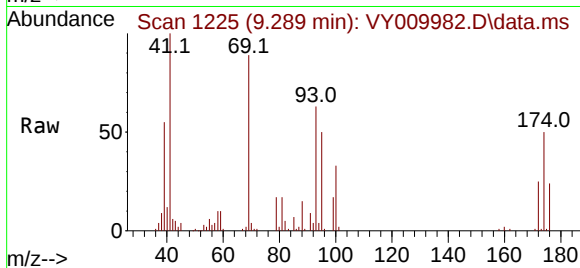
Tgt Ion: 88 Resp: 7942

Ion Ratio Lower Upper

88 100

43 28.9 26.3 39.5

58 60.8 52.6 79.0



#50

Toluene-d8

Concen: 36.366 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009982.D

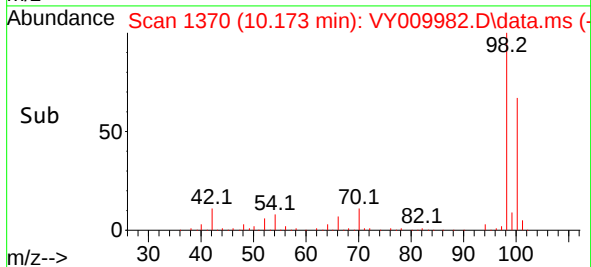
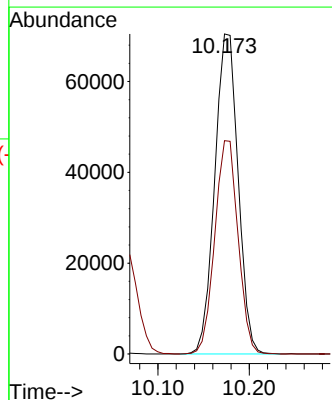
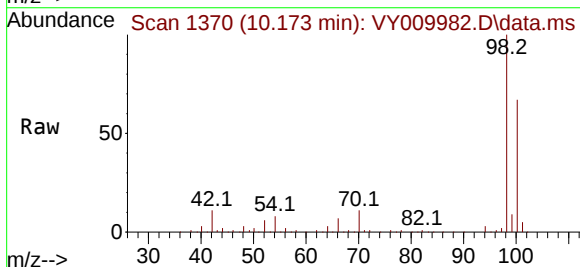
Acq: 12 Aug 2022 11:58

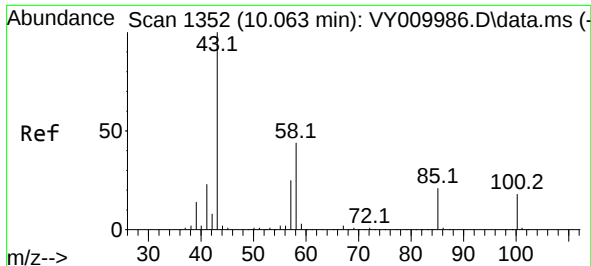
Tgt Ion: 98 Resp: 125287

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3

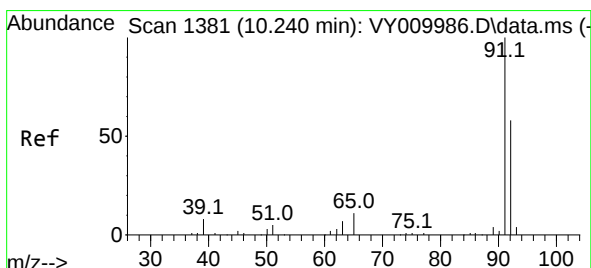
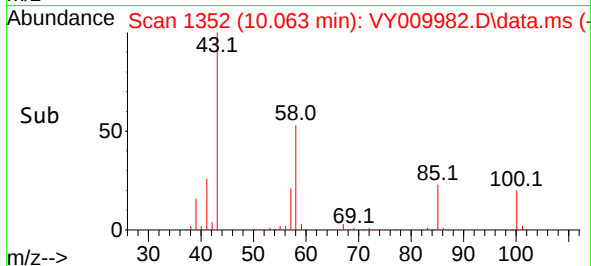
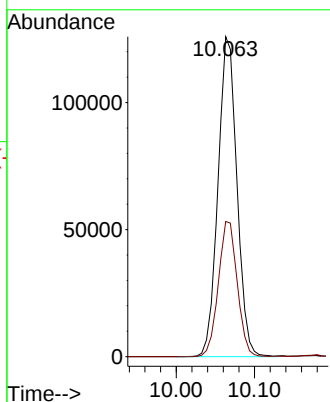
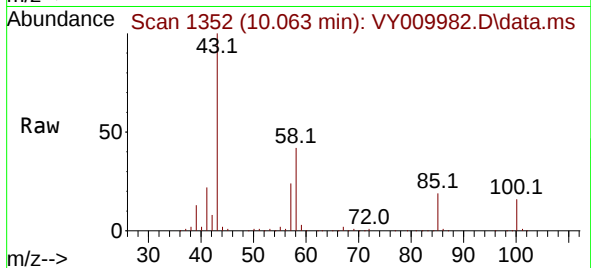




#51
4-Methyl-2-Pentanone
Concen: 311.474 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

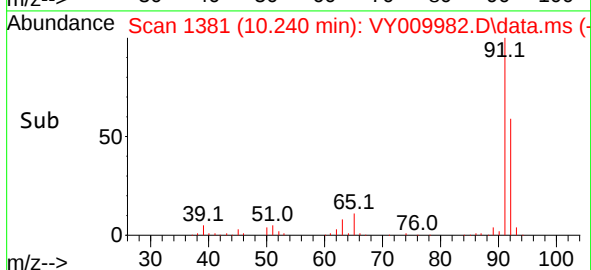
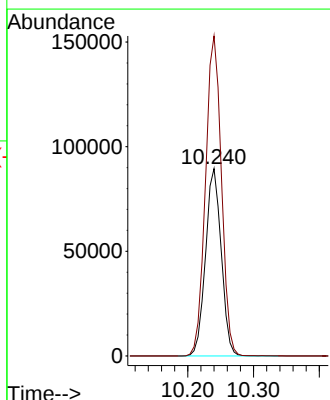
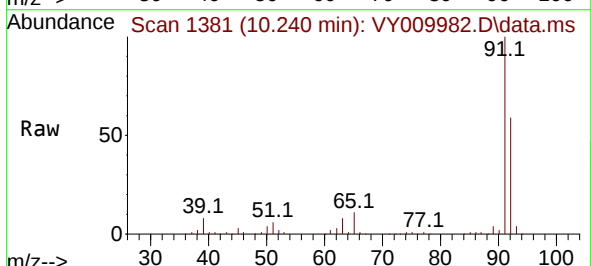
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

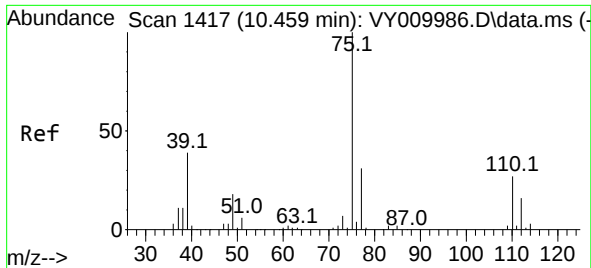
Tgt Ion: 43 Resp: 211812
Ion Ratio Lower Upper
43 100
58 42.2 31.5 47.3



#52
Toluene
Concen: 60.843 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 92 Resp: 148458
Ion Ratio Lower Upper
92 100
91 173.7 138.7 208.1

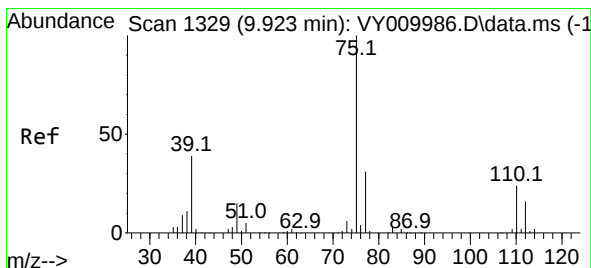
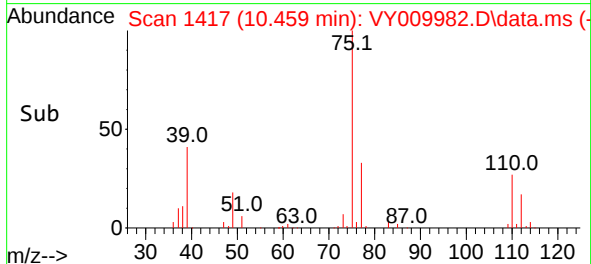
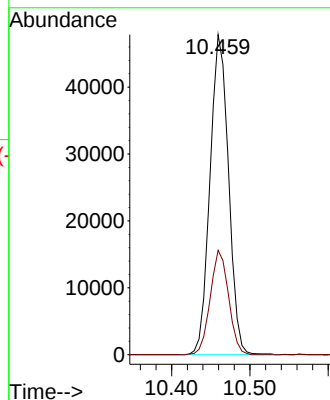
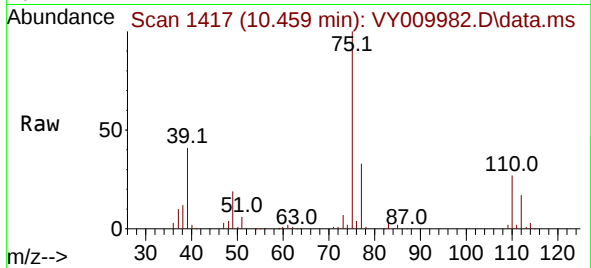




#53
t-1,3-Dichloropropene
Concen: 58.741 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

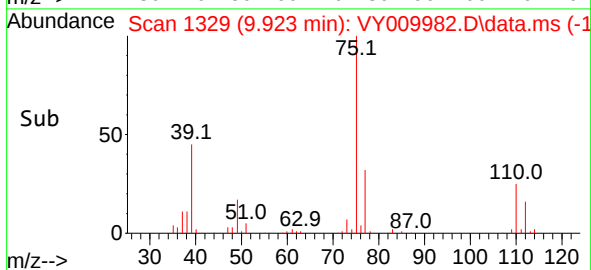
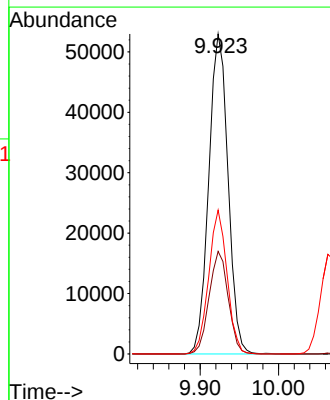
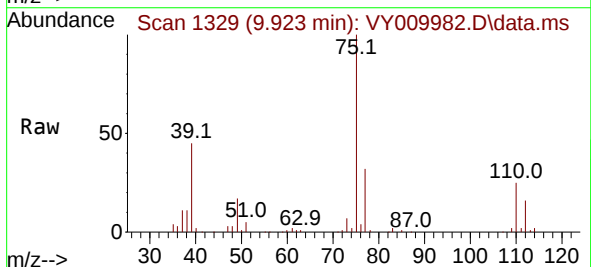
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

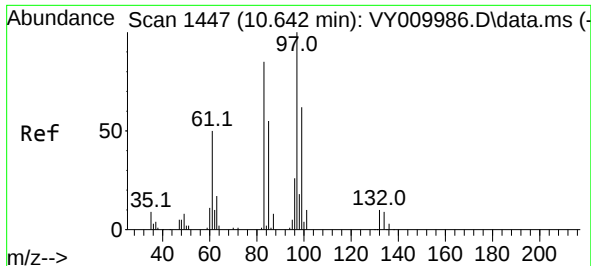
Tgt Ion: 75 Resp: 78553
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 58.413 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 75 Resp: 90320
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 45.0 35.8 53.8

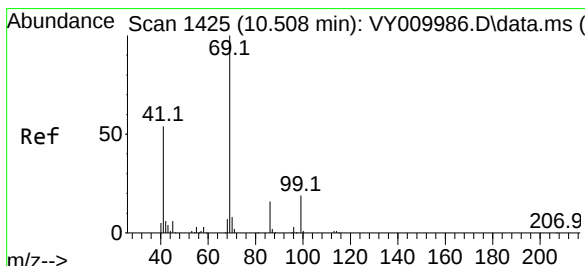
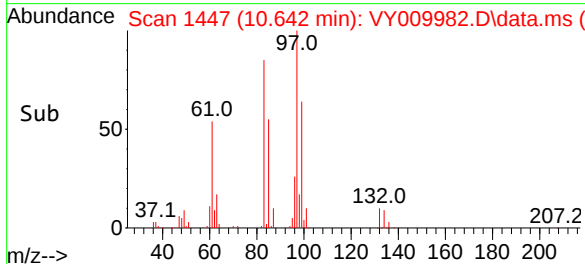
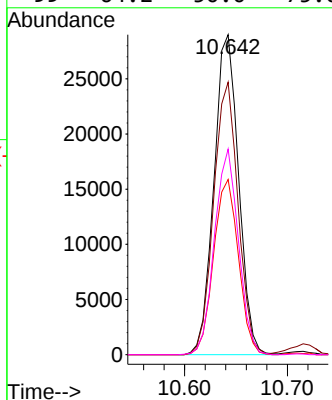
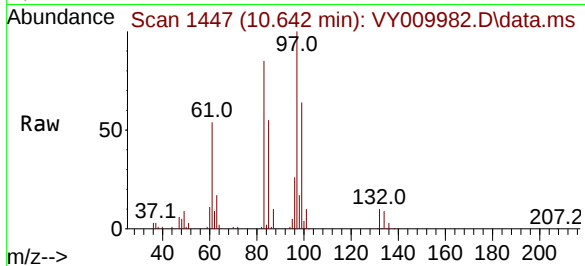




#55
1,1,2-Trichloroethane
Concen: 57.688 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

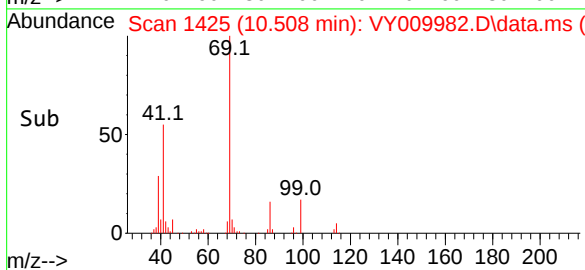
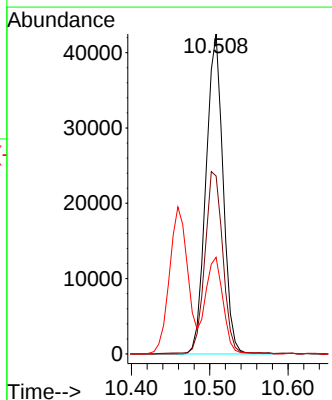
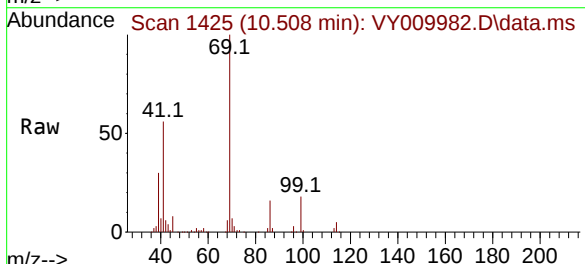
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

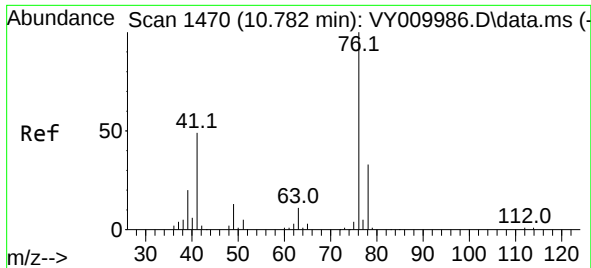
Tgt Ion:	97	Resp:	48290
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.9	100.3
85	54.8	44.2	66.4
99	64.2	50.0	75.0



#56
Ethyl methacrylate
Concen: 62.209 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion:	69	Resp:	64386
Ion	Ratio	Lower	Upper
69	100		
41	60.2	50.4	75.6
39	31.2	27.6	41.4

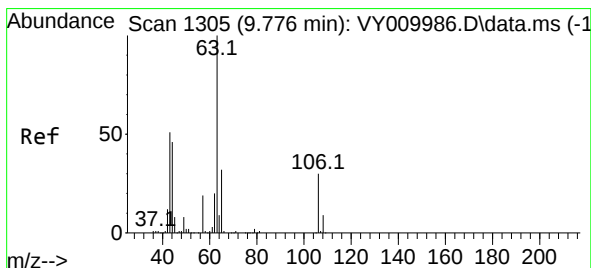
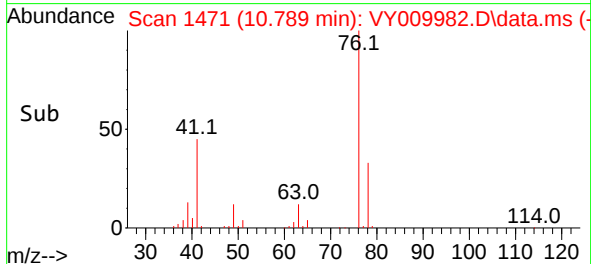
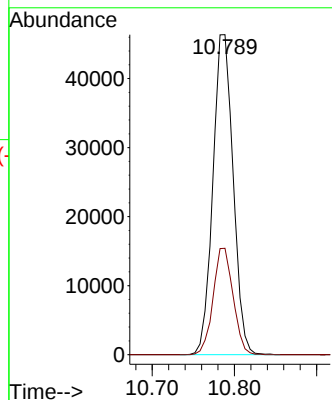
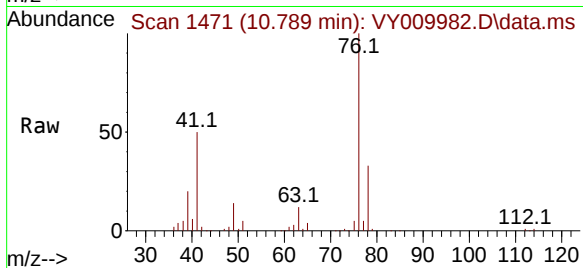




#57
1,3-Dichloropropane
Concen: 58.482 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

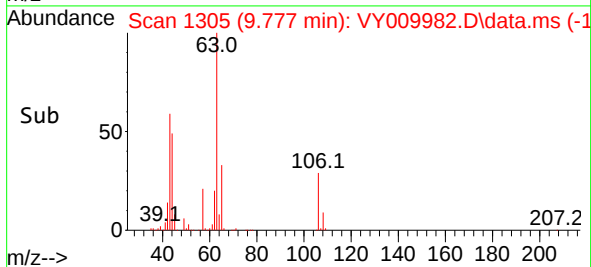
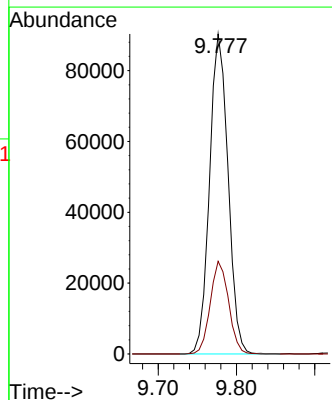
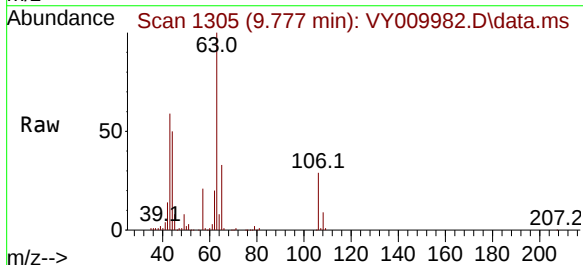
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

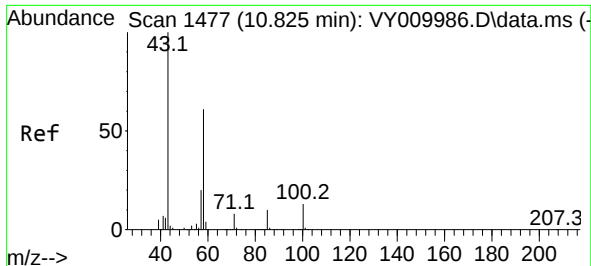
Tgt Ion: 76 Resp: 79408
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 326.665 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 63 Resp: 147986
Ion Ratio Lower Upper
63 100
106 28.7 23.3 34.9

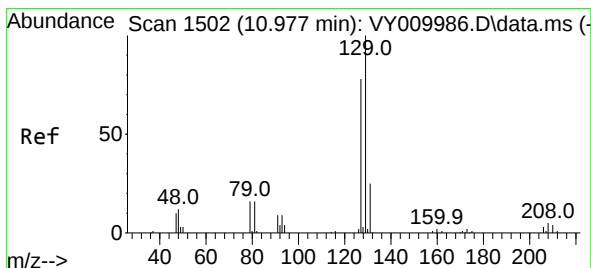
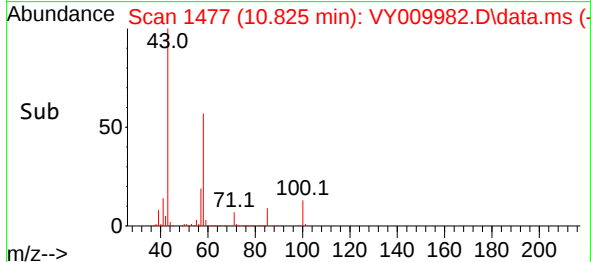
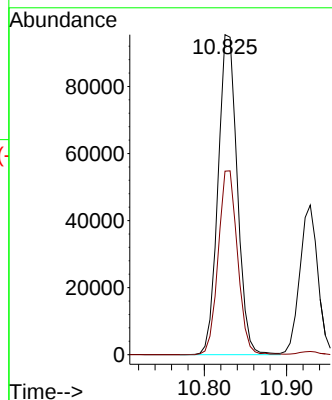
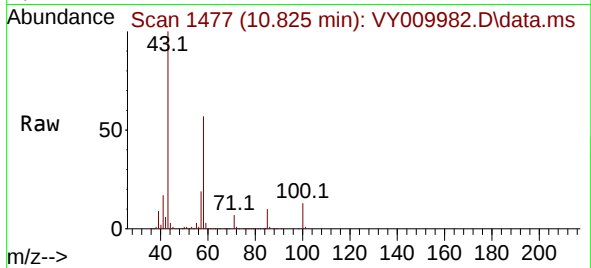




#59
2-Hexanone
Concen: 330.196 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

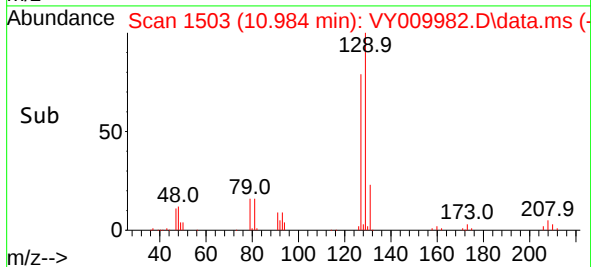
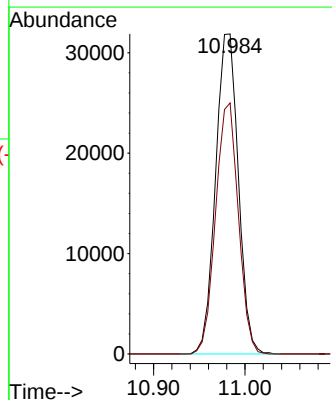
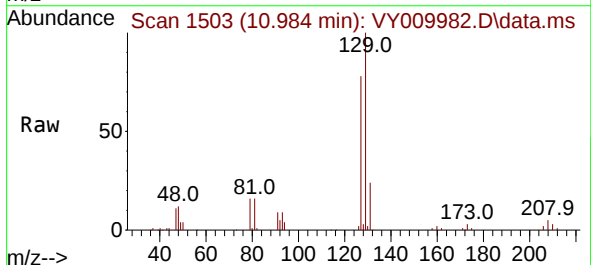
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

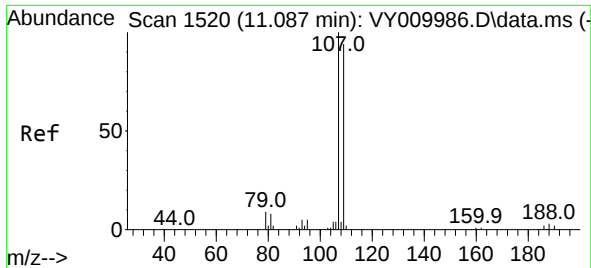
Tgt Ion: 43 Resp: 154944
Ion Ratio Lower Upper
43 100
58 57.7 27.6 82.8



#60
Dibromochloromethane
Concen: 57.714 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 129 Resp: 55176
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4

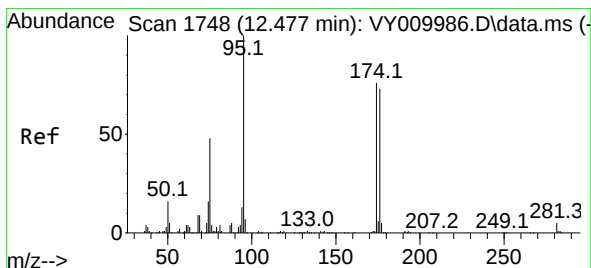
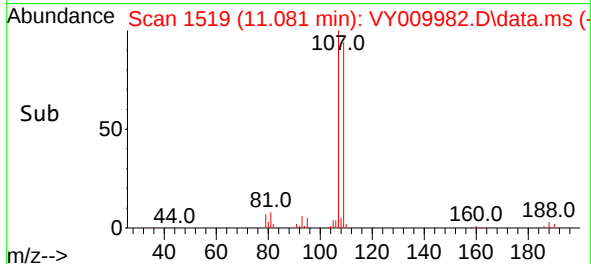
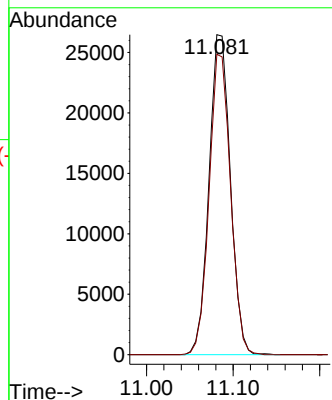
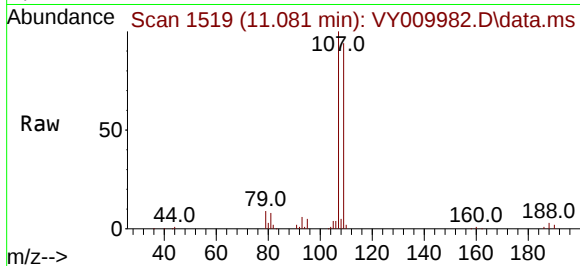




#61
1,2-Dibromoethane
Concen: 56.537 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

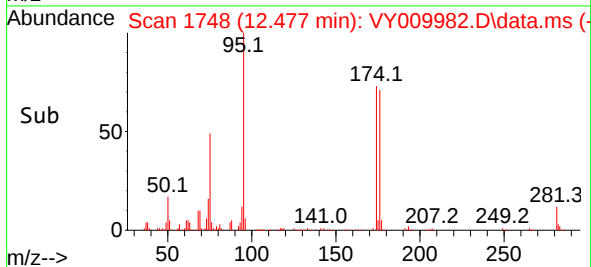
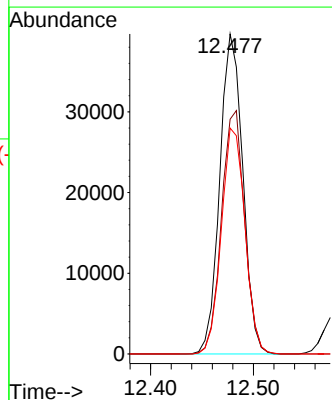
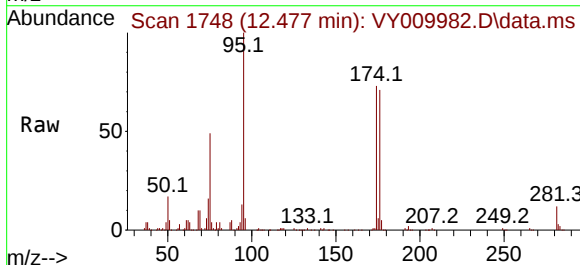
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

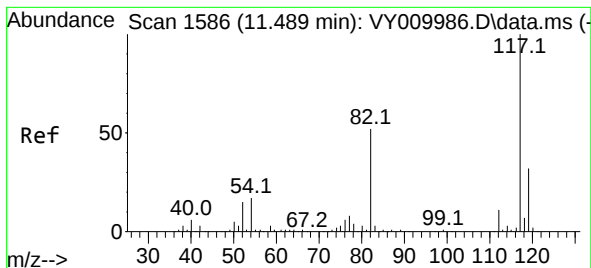
Tgt Ion:107 Resp: 45328
Ion Ratio Lower Upper
107 100
109 94.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 48.748 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 95 Resp: 61532
Ion Ratio Lower Upper
95 100
174 76.7 0.0 173.8
176 72.5 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

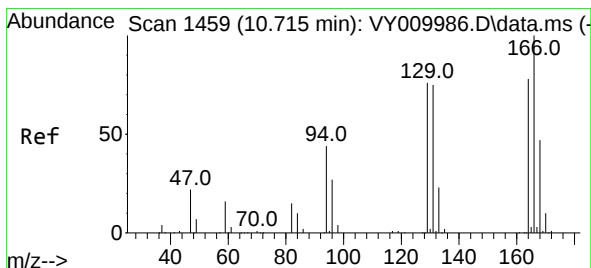
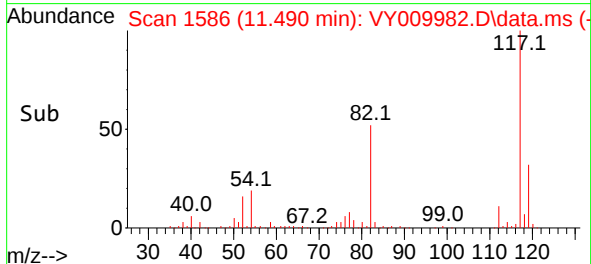
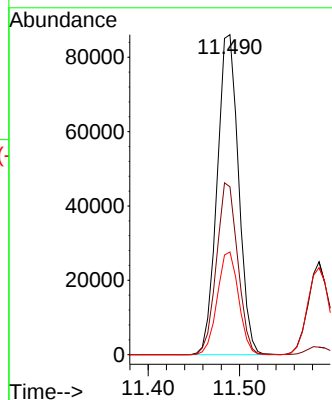
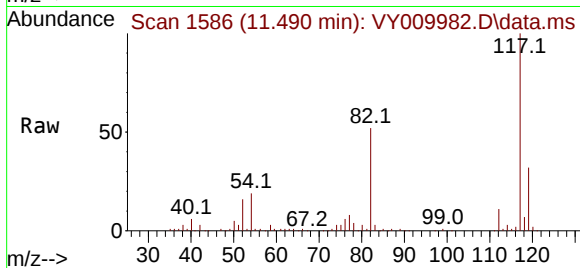
Tgt Ion:117 Resp: 140585

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 54.092 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Tgt Ion:164 Resp: 55555

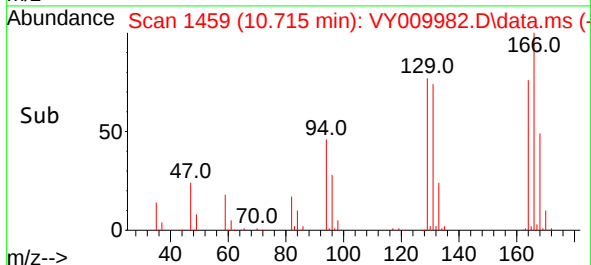
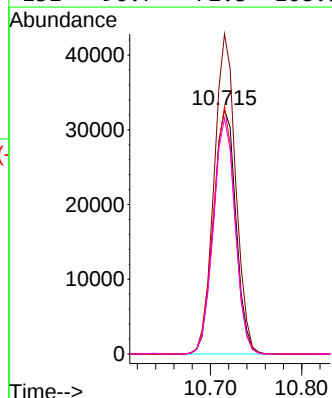
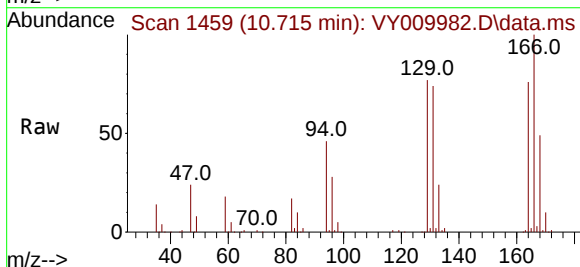
Ion Ratio Lower Upper

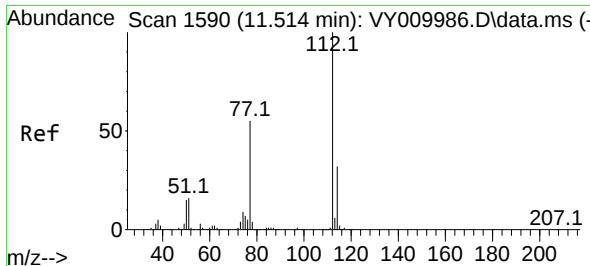
164 100

166 131.1 104.9 157.3

129 101.5 76.5 114.7

131 96.7 72.3 108.5

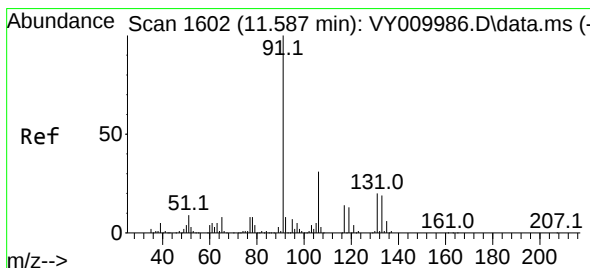
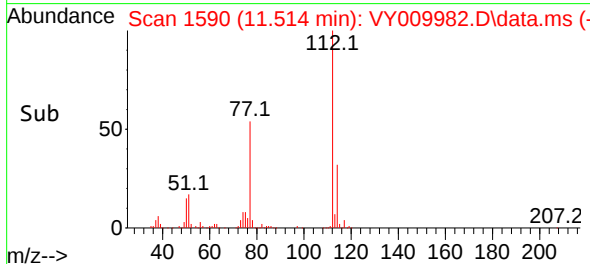
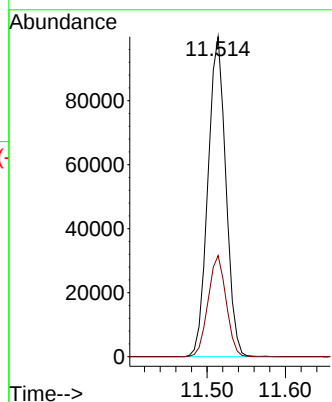
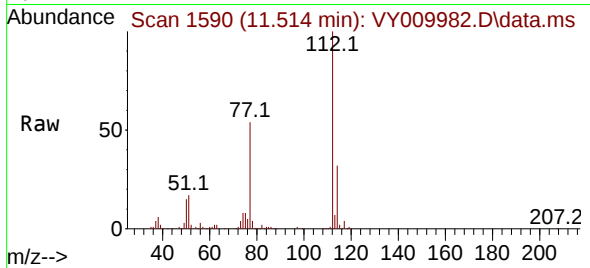




#65
Chlorobenzene
Concen: 55.551 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

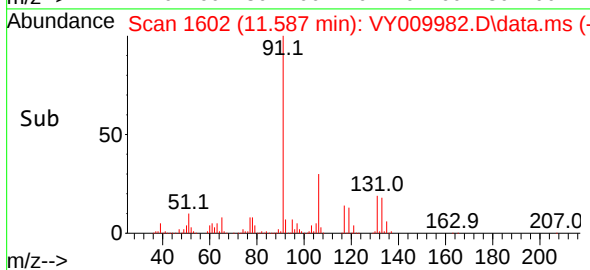
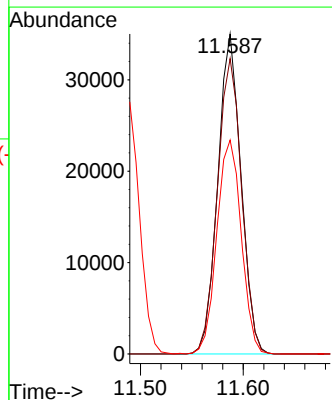
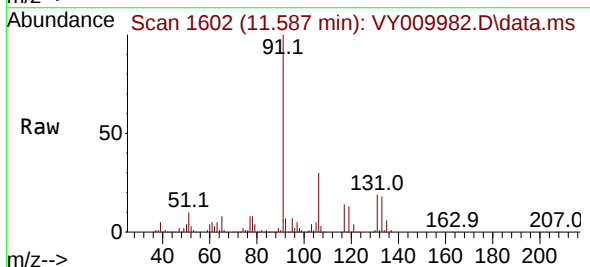
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

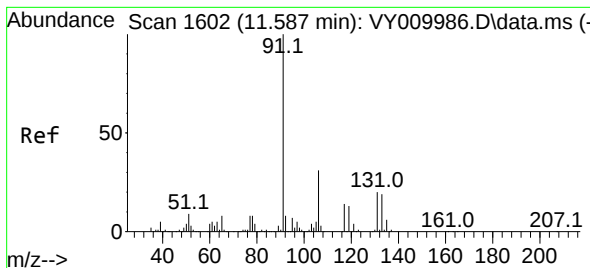
Tgt Ion:112 Resp: 158521
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.954 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion:131 Resp: 54846
Ion Ratio Lower Upper
131 100
133 96.7 47.3 142.0
119 70.4 32.1 96.3





#67

Ethyl Benzene

Concen: 58.037 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

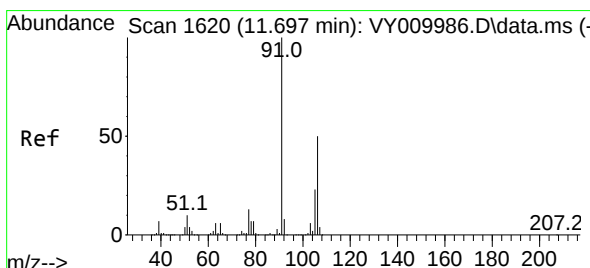
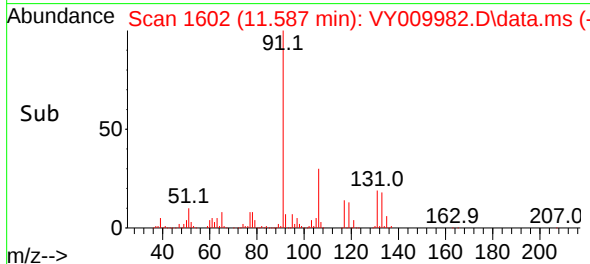
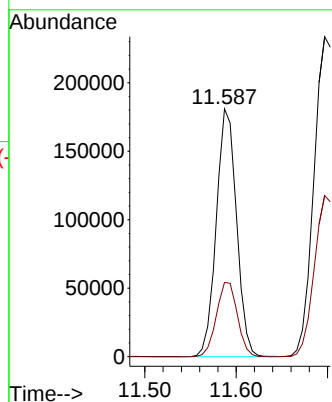
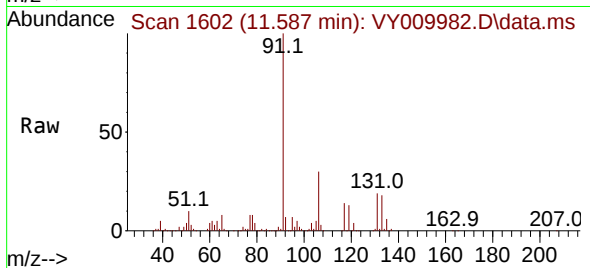
VSTDCCC050

Tgt Ion: 91 Resp: 278460

Ion Ratio Lower Upper

91 100

106 29.9 26.2 39.4



#68

m/p-Xylenes

Concen: 116.461 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009982.D

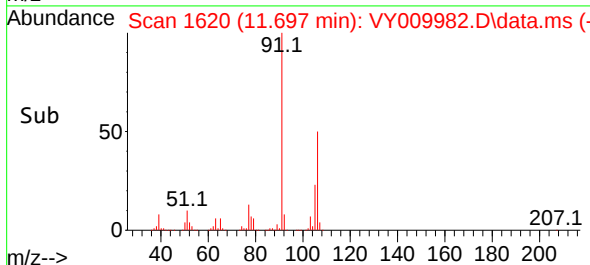
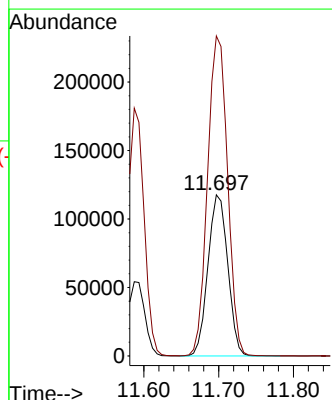
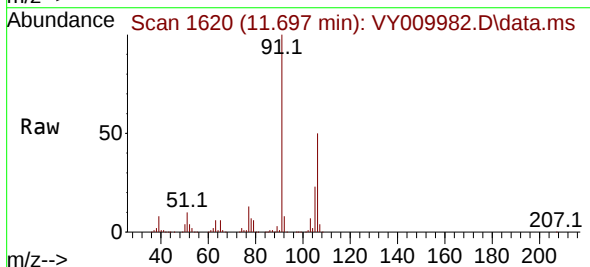
Acq: 12 Aug 2022 11:58

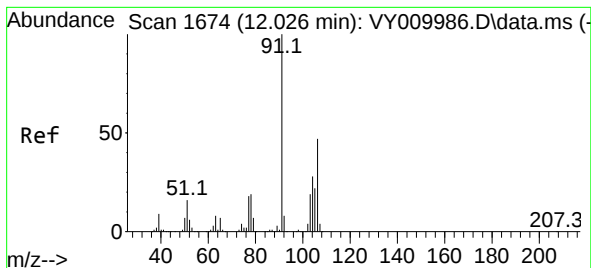
Tgt Ion: 106 Resp: 216295

Ion Ratio Lower Upper

106 100

91 200.8 156.2 234.2





#69

o-Xylene

Concen: 57.567 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

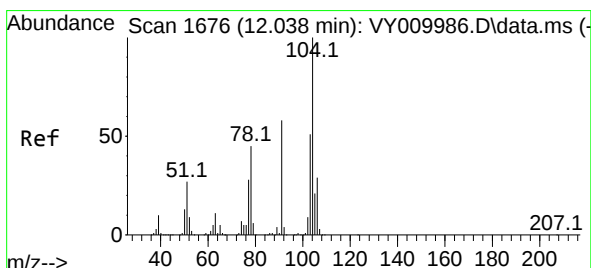
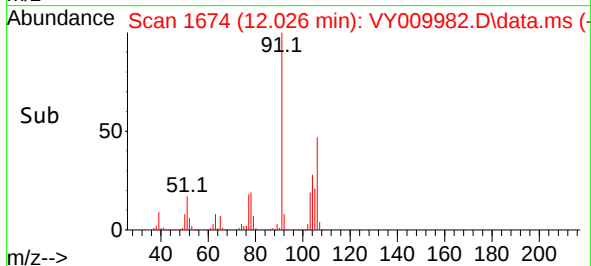
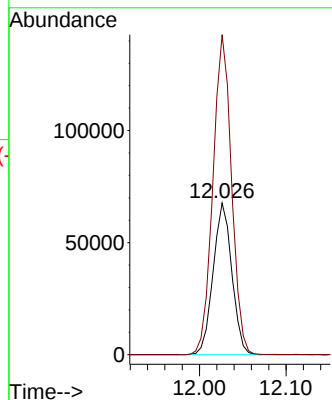
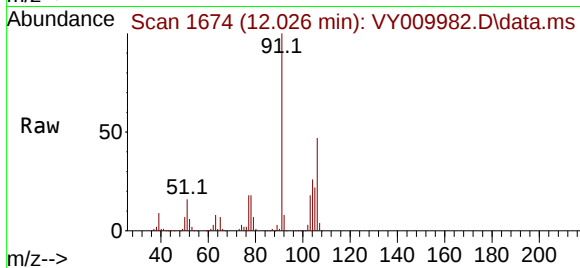
VSTDCCC050

Tgt Ion:106 Resp: 101395

Ion Ratio Lower Upper

106 100

91 210.5 103.2 309.4



#70

Styrene

Concen: 58.611 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

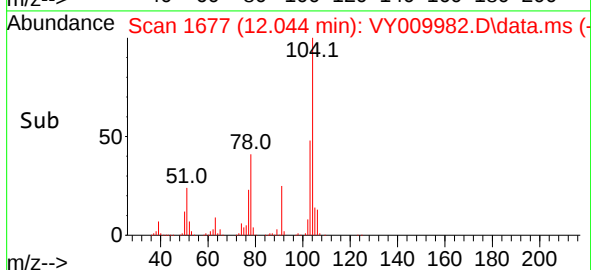
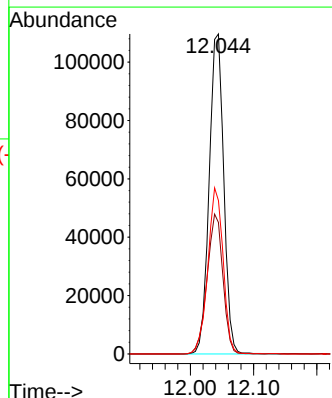
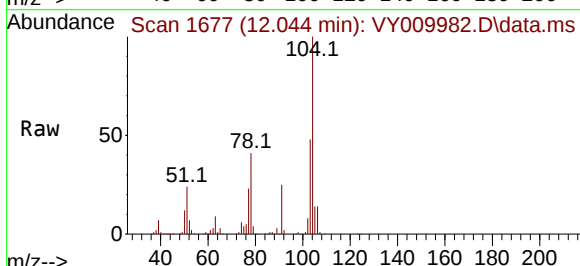
Tgt Ion:104 Resp: 175848

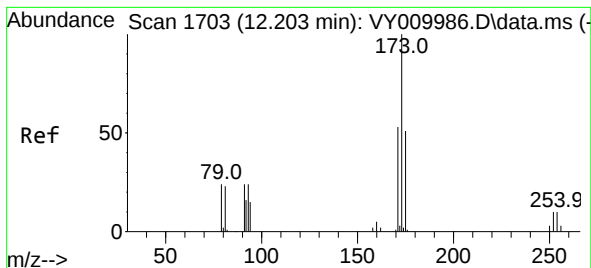
Ion Ratio Lower Upper

104 100

78 47.5 38.6 57.8

103 54.5 43.3 64.9





#71

Bromoform

Concen: 52.756 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

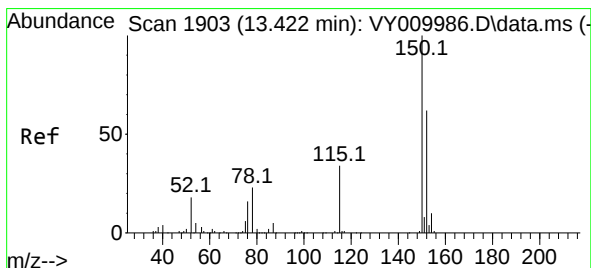
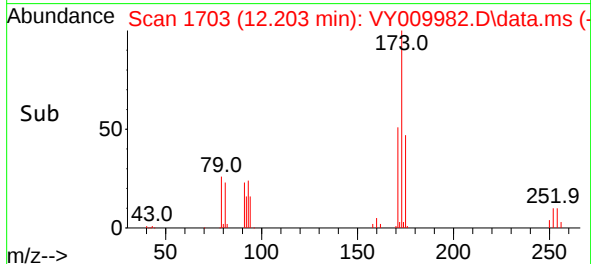
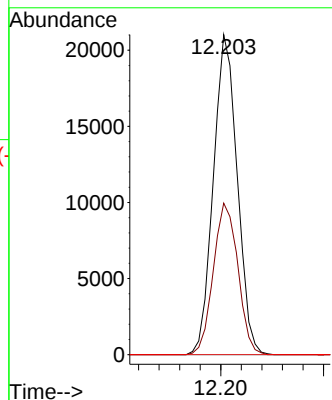
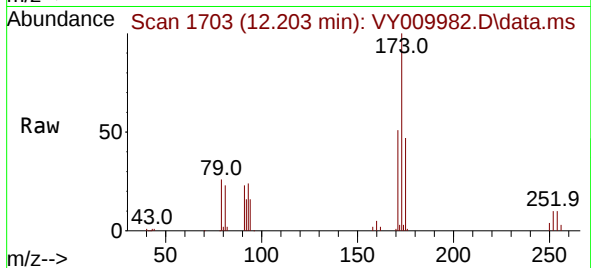
Tgt Ion:173 Resp: 33878

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

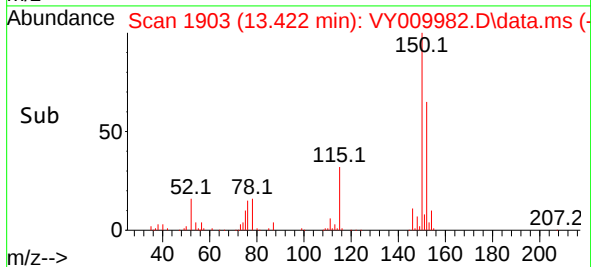
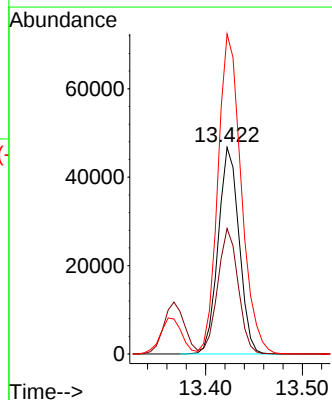
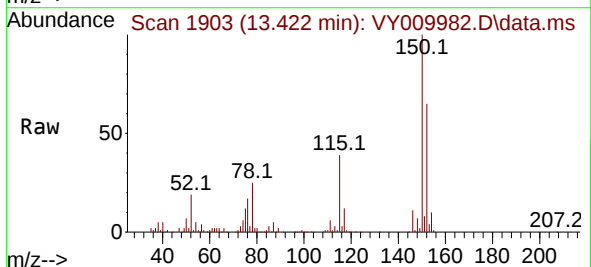
Tgt Ion:152 Resp: 69932

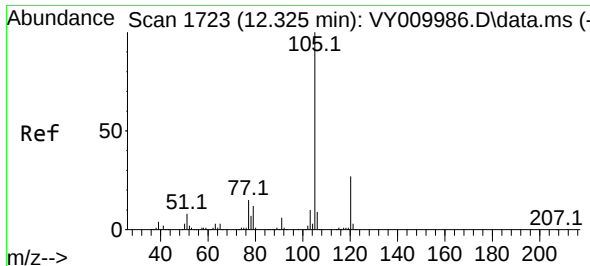
Ion Ratio Lower Upper

152 100

115 59.7 28.6 85.9

150 173.3 0.0 349.8

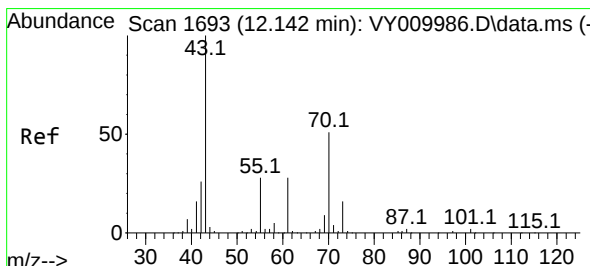
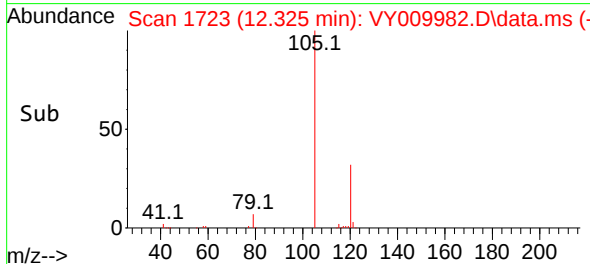
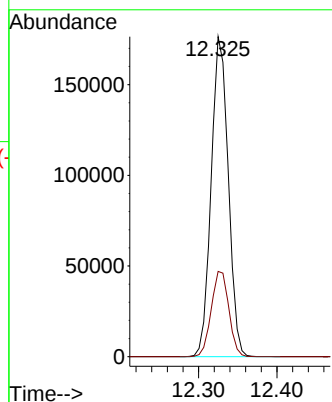
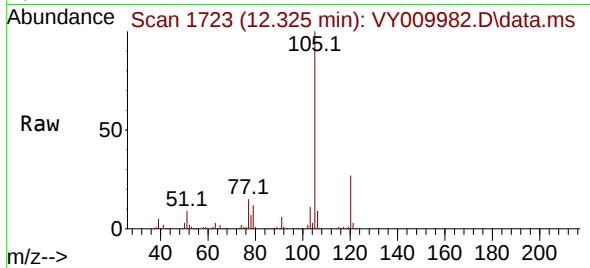




#73
Isopropylbenzene
Concen: 56.866 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

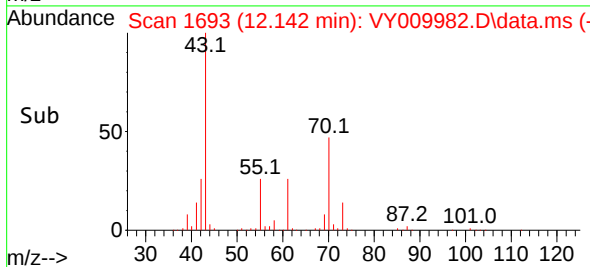
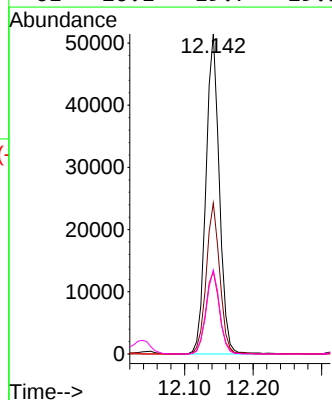
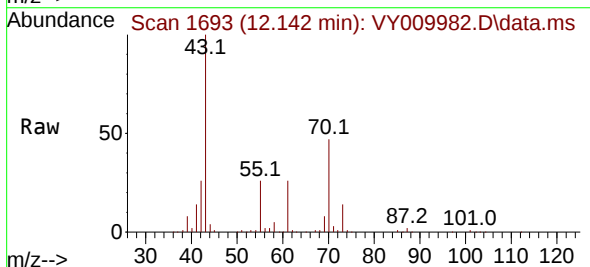
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

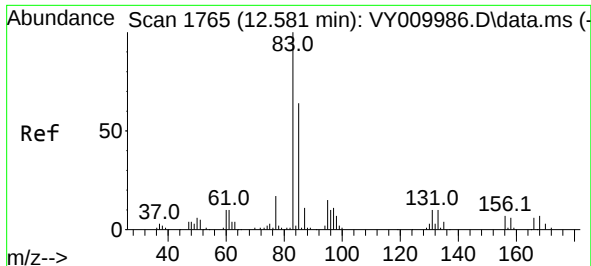
Tgt Ion:105 Resp: 266906
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 58.419 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 43 Resp: 70141
Ion Ratio Lower Upper
43 100
70 47.4 35.6 53.4
55 26.5 19.5 29.3
61 26.1 19.7 29.5

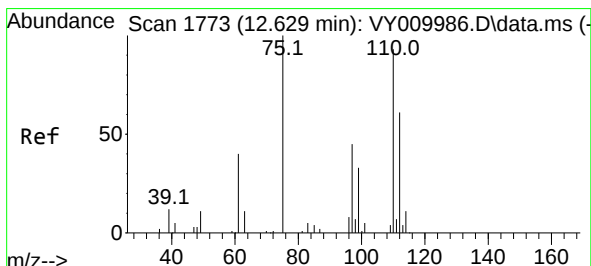
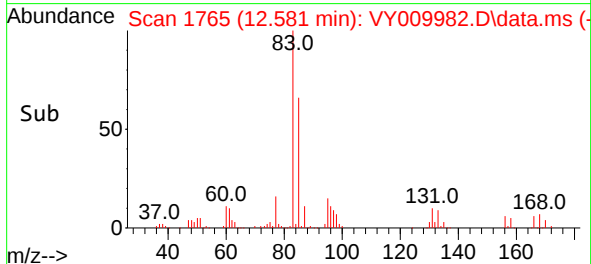
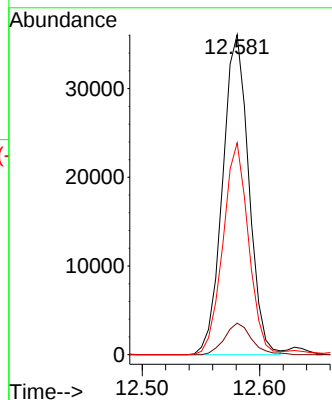
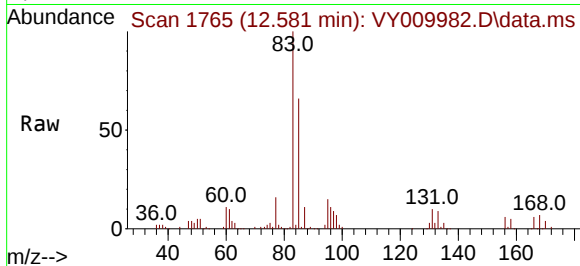




#75
1,1,2,2-Tetrachloroethane
Concen: 51.545 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

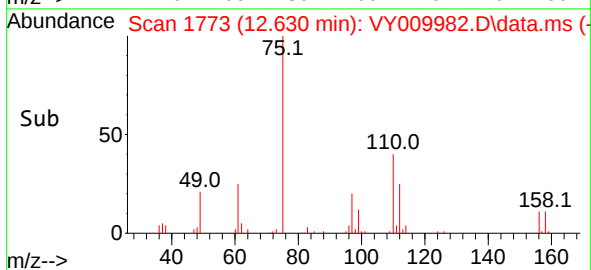
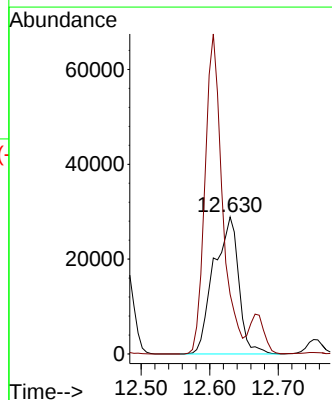
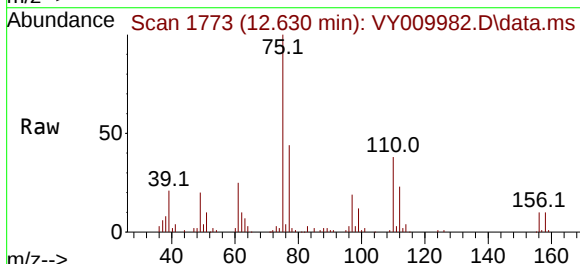
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

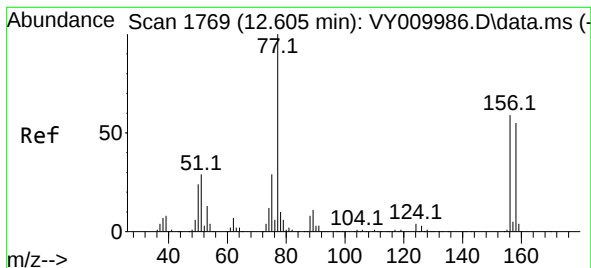
Tgt Ion: 83 Resp: 55840
Ion Ratio Lower Upper
83 100
131 10.1 5.4 16.2
85 64.6 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 90.131 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 75 Resp: 72837
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.188 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

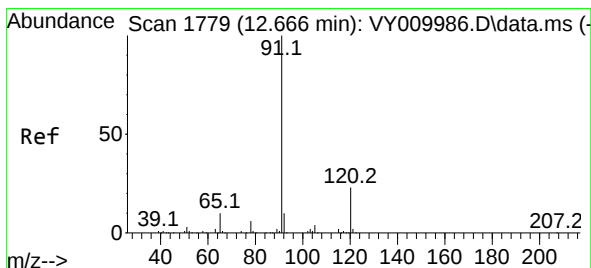
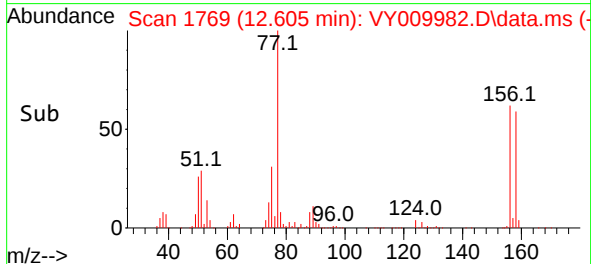
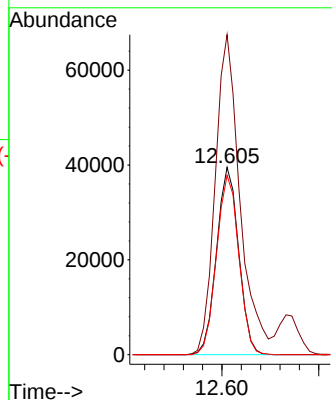
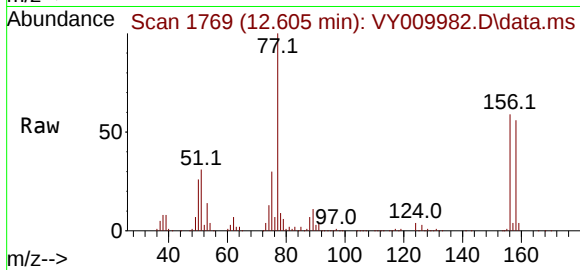
Tgt Ion:156 Resp: 62663

Ion Ratio Lower Upper

156 100

77 190.6 88.1 264.3

158 96.4 48.6 145.8



#78

n-propylbenzene

Concen: 57.127 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009982.D

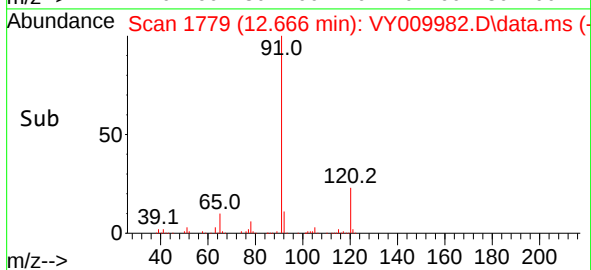
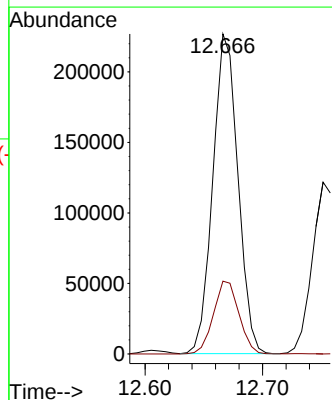
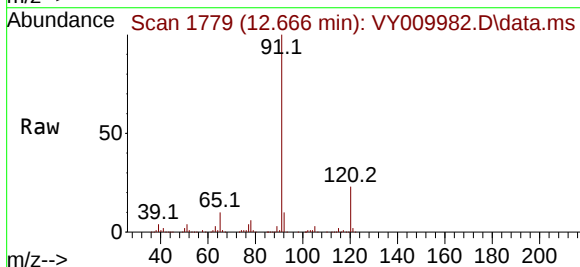
Acq: 12 Aug 2022 11:58

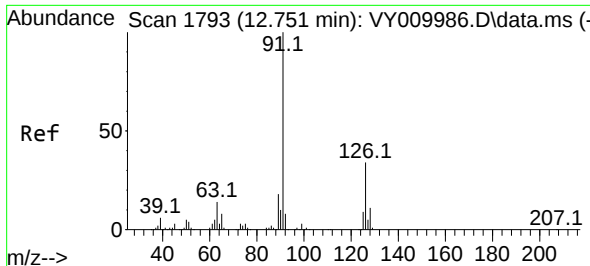
Tgt Ion: 91 Resp: 336512

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.5

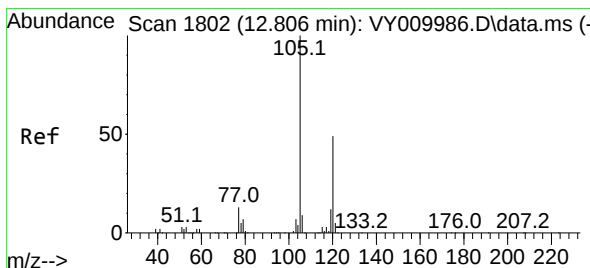
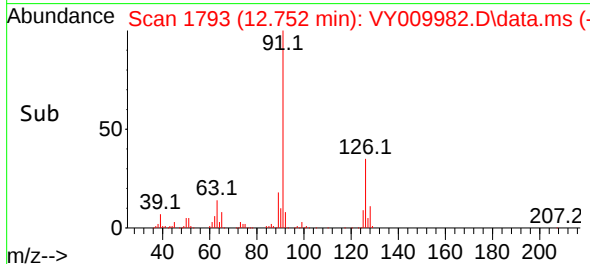
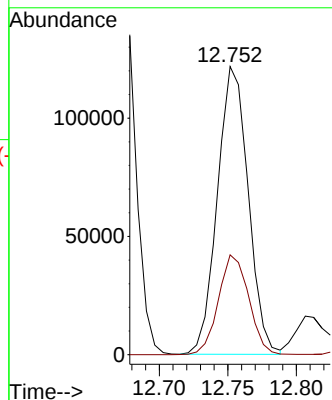
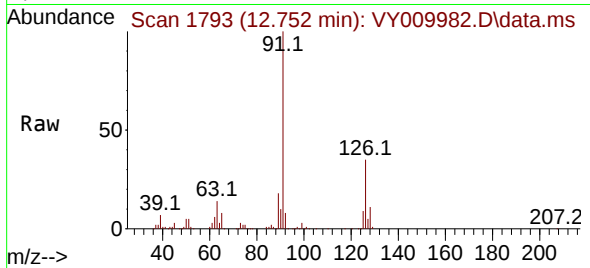




#79
2-Chlorotoluene
Concen: 56.971 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

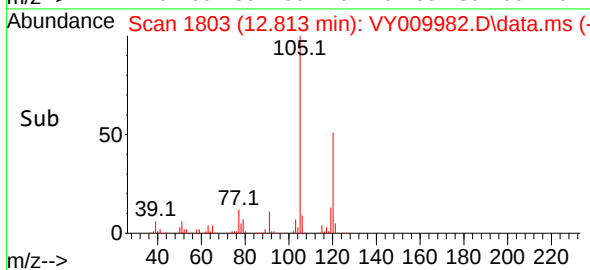
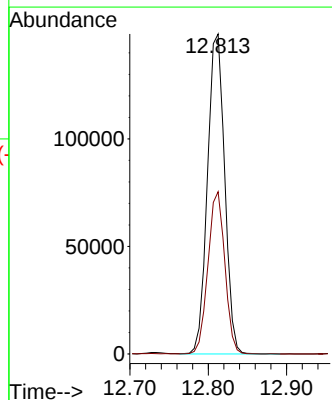
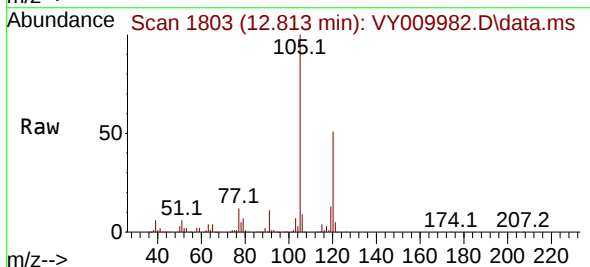
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

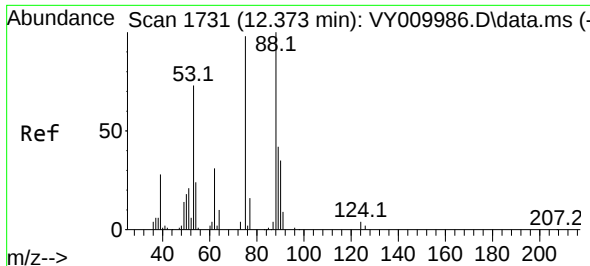
Tgt Ion: 91 Resp: 190625
Ion Ratio Lower Upper
91 100
126 34.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 59.030 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 105 Resp: 226371
Ion Ratio Lower Upper
105 100
120 49.7 25.3 75.8

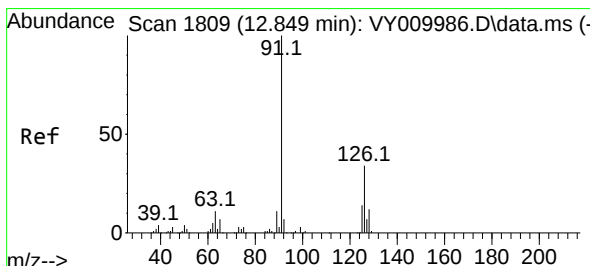
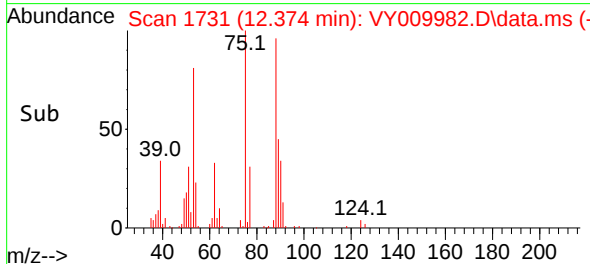
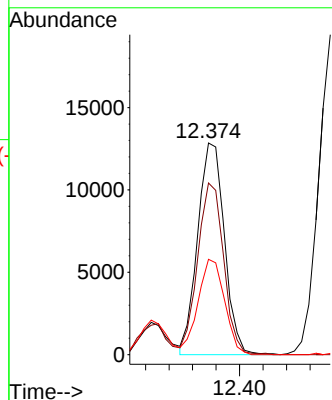
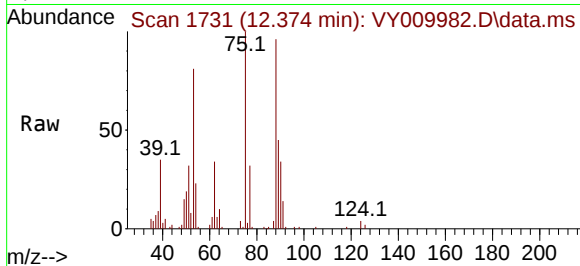




#81
trans-1,4-Dichloro-2-butene
Concen: 54.684 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

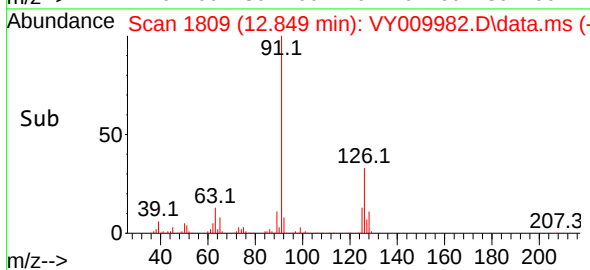
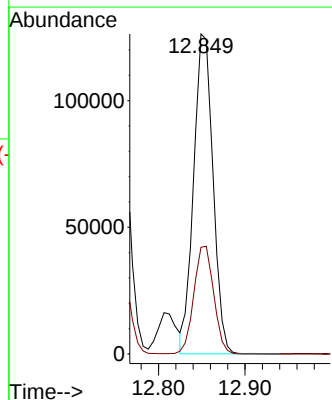
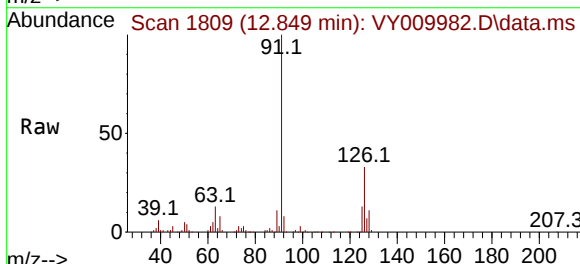
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

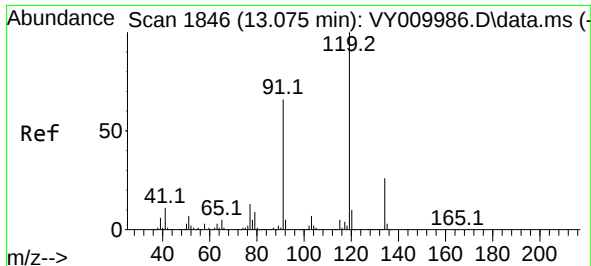
Tgt Ion: 75 Resp: 20329
Ion Ratio Lower Upper
75 100
53 78.7 71.4 107.2
89 44.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 56.286 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009982.D
Acq: 12 Aug 2022 11:58

Tgt Ion: 91 Resp: 196189
Ion Ratio Lower Upper
91 100
126 34.6 18.0 54.0

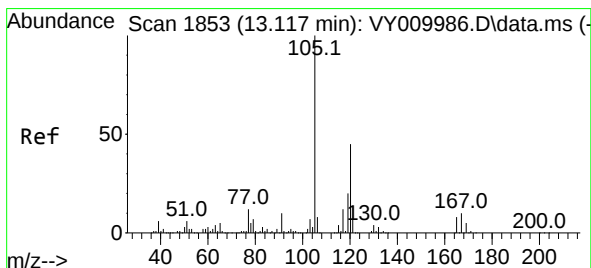
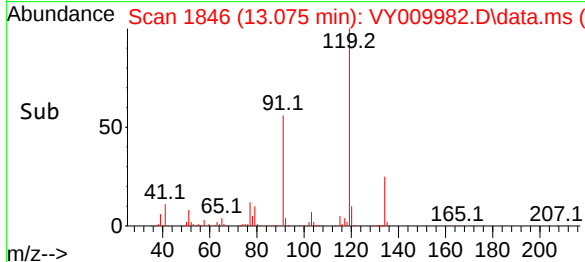
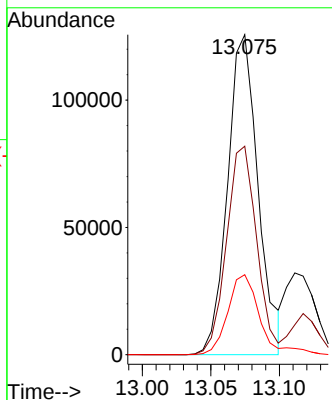
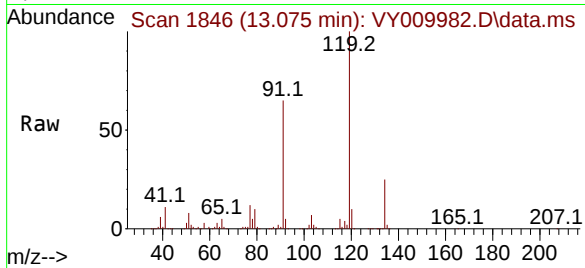




#83
 tert-Butylbenzene
 Concen: 57.907 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY009982.D
 Acq: 12 Aug 2022 11:58

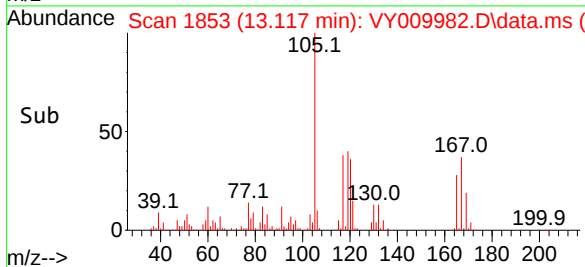
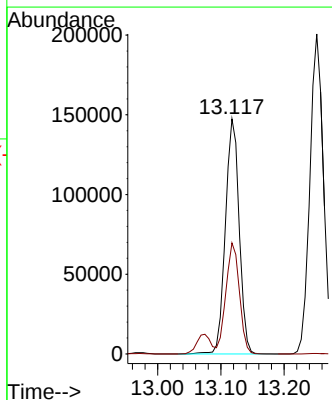
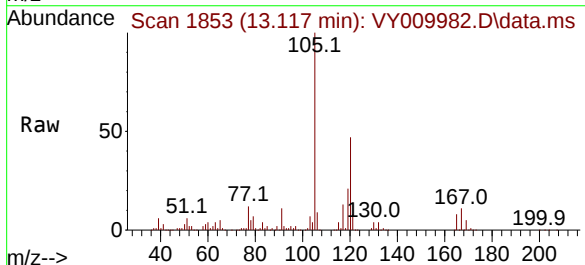
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

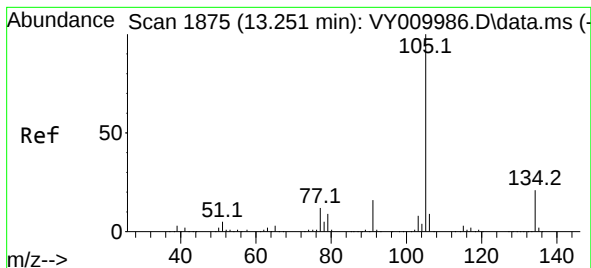
Tgt Ion:119 Resp: 195192
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.0 96.0
 134 26.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 57.819 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY009982.D
 Acq: 12 Aug 2022 11:58

Tgt Ion:105 Resp: 222651
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 57.475 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

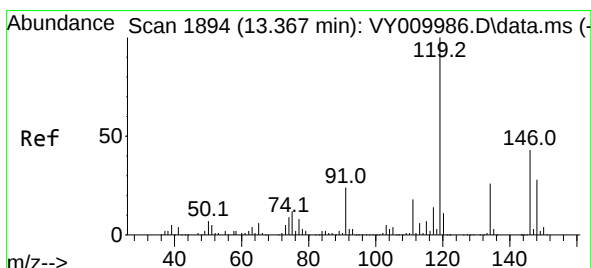
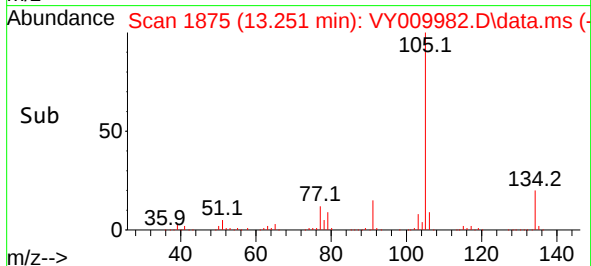
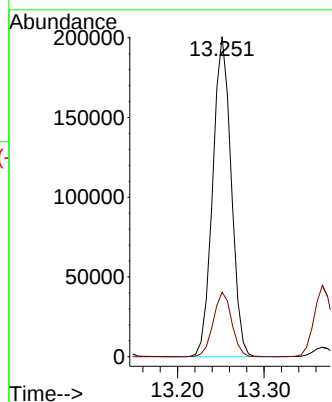
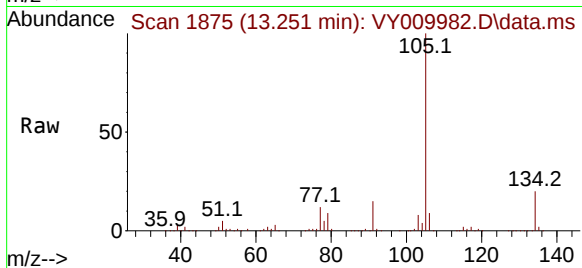
VSTDCCC050

Tgt Ion:105 Resp: 296813

Ion Ratio Lower Upper

105 100

134 20.2 10.5 31.6



#86

p-Isopropyltoluene

Concen: 58.779 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

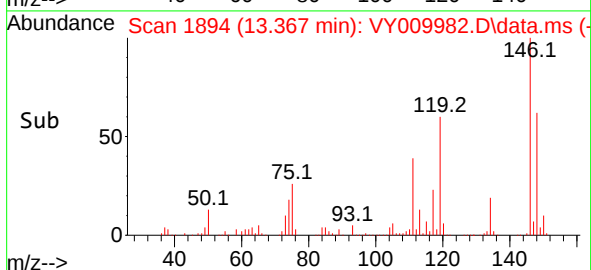
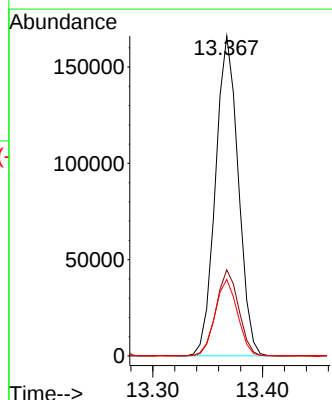
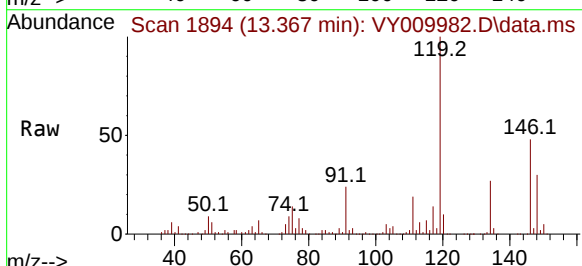
Tgt Ion:119 Resp: 239612

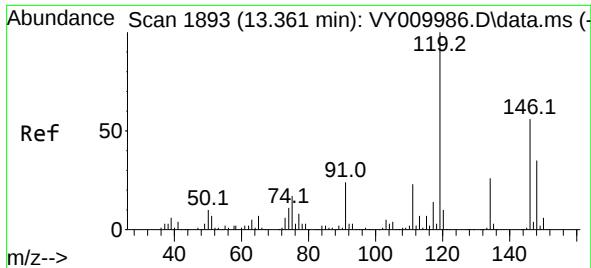
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 54.864 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

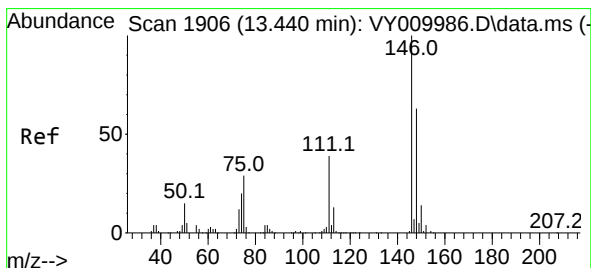
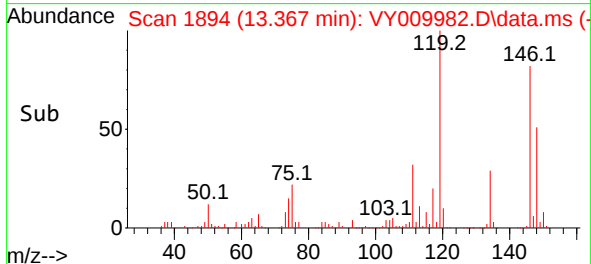
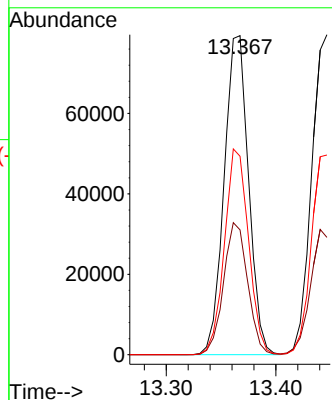
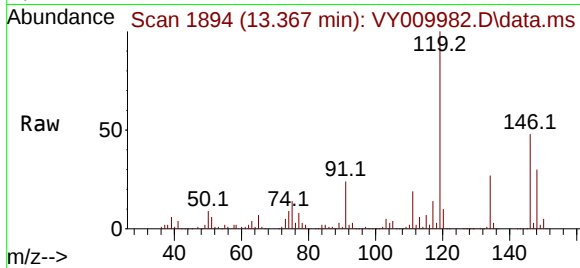
Tgt Ion:146 Resp: 122791

Ion Ratio Lower Upper

146 100

111 41.0 19.1 57.3

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.064 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

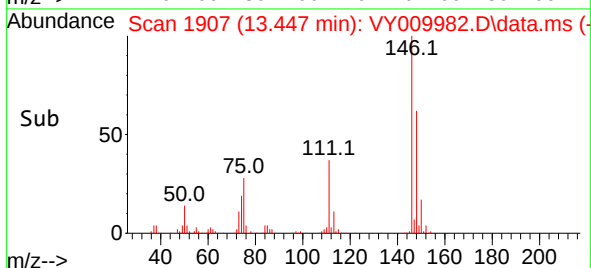
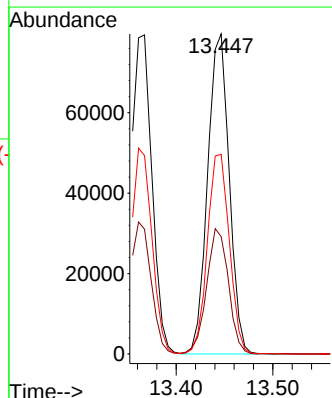
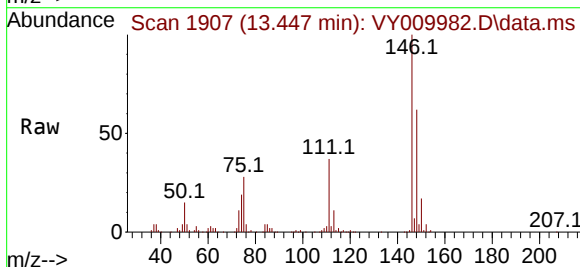
Tgt Ion:146 Resp: 123463

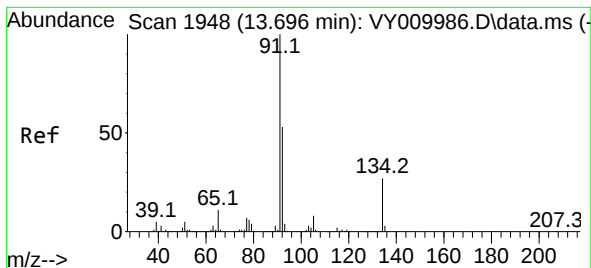
Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.9

148 63.8 31.6 95.0





#89

n-Butylbenzene

Concen: 60.358 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

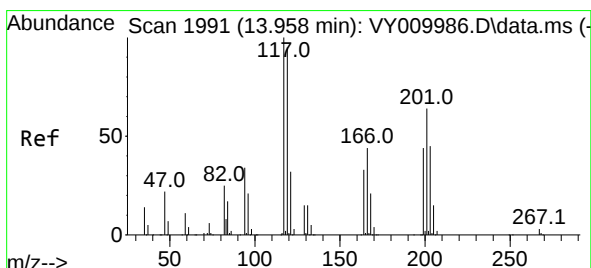
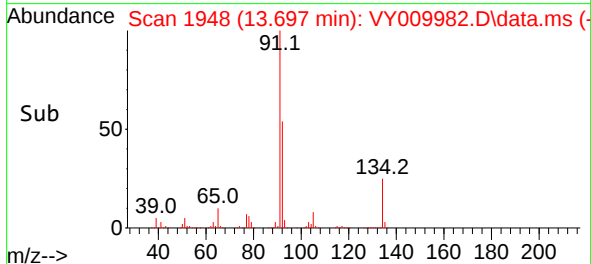
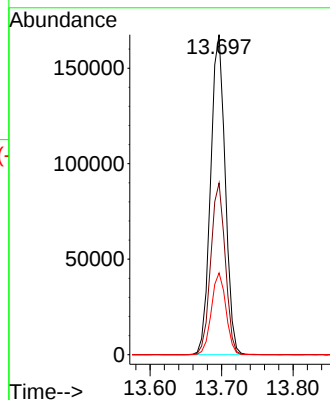
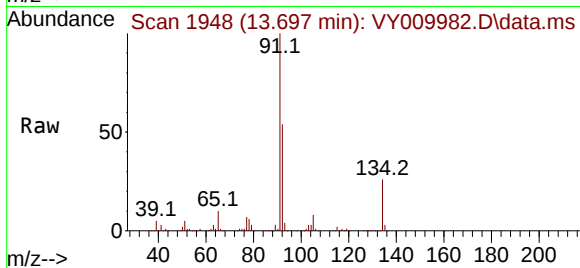
Tgt Ion: 91 Resp: 237561

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 25.5 14.0 41.9



#90

Hexachloroethane

Concen: 56.383 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009982.D

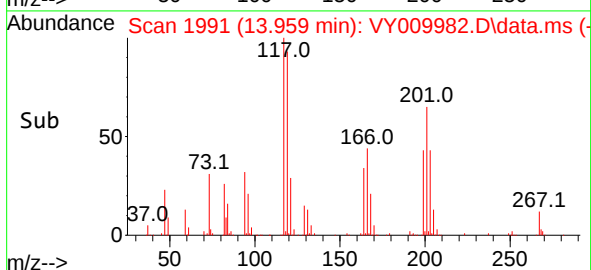
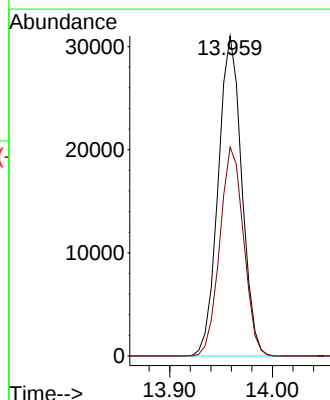
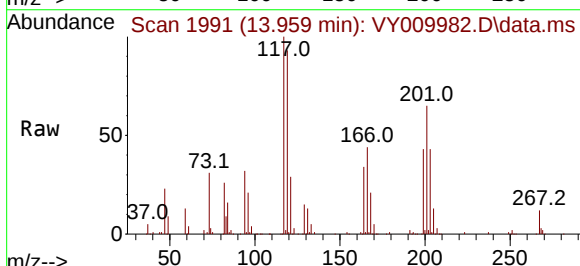
Acq: 12 Aug 2022 11:58

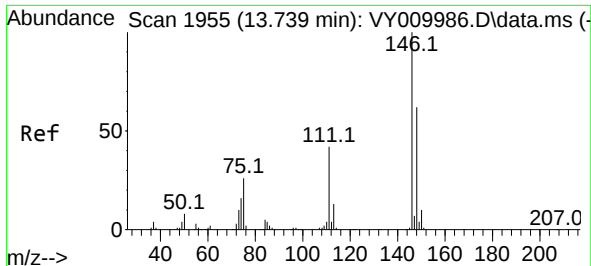
Tgt Ion: 117 Resp: 49289

Ion Ratio Lower Upper

117 100

201 66.0 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 55.878 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

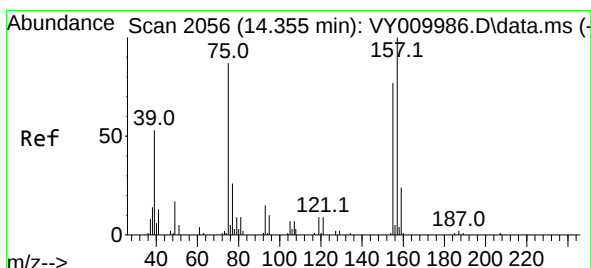
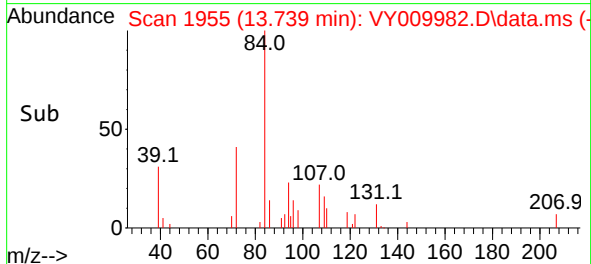
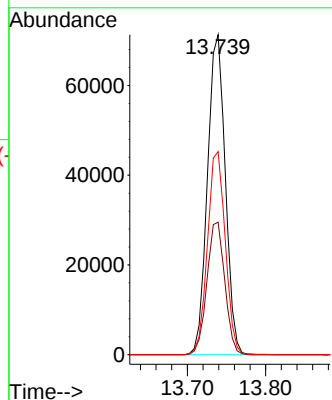
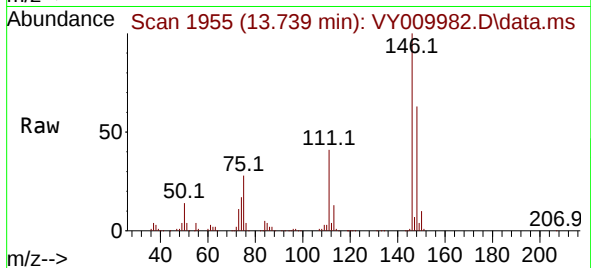
Tgt Ion:146 Resp: 112493

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.1

148 63.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.469 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

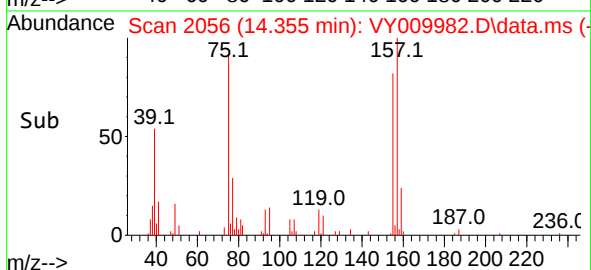
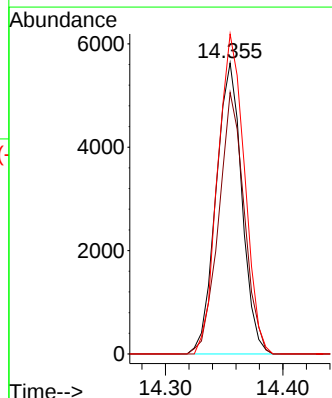
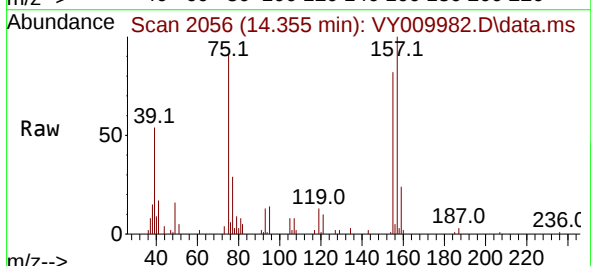
Tgt Ion: 75 Resp: 8607

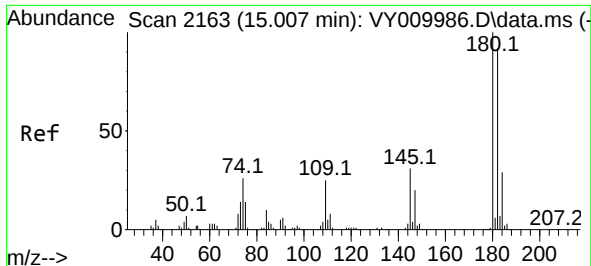
Ion Ratio Lower Upper

75 100

155 88.7 46.4 139.1

157 114.1 57.6 172.7

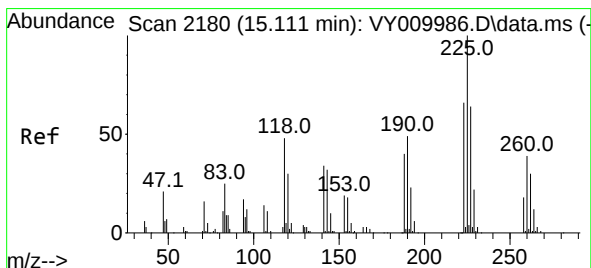
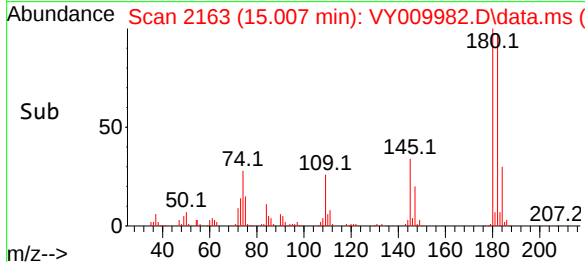
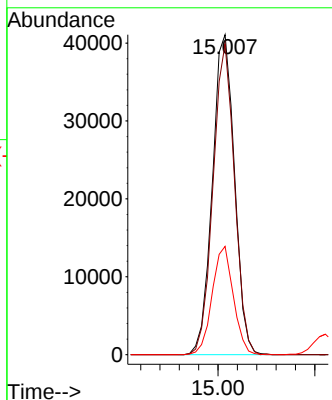
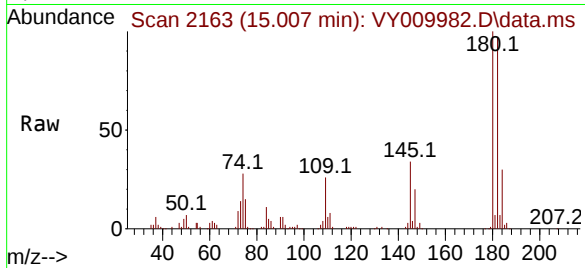




#93
 1,2,4-Trichlorobenzene
 Concen: 56.862 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY009982.D
 Acq: 12 Aug 2022 11:58

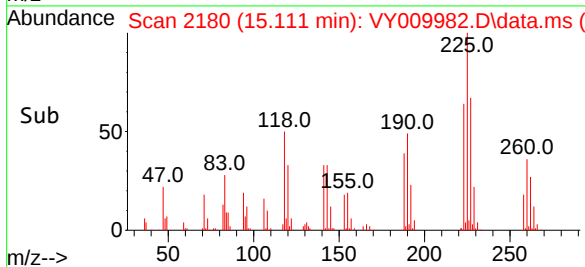
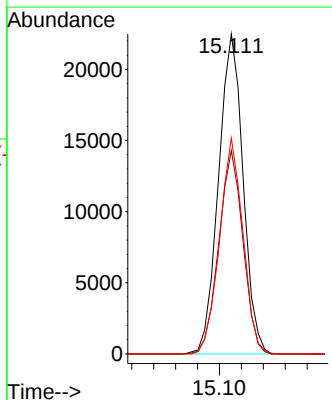
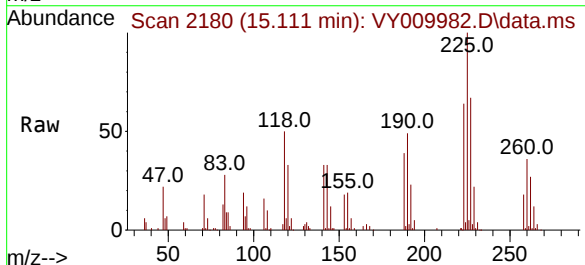
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

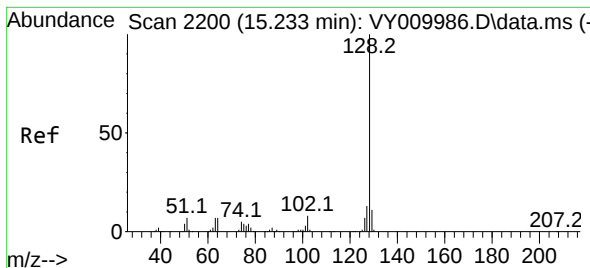
Tgt Ion:180 Resp: 65133
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 32.5 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 53.983 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VY009982.D
 Acq: 12 Aug 2022 11:58

Tgt Ion:225 Resp: 34919
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.8 92.3
 227 64.3 31.9 95.5





#95

Naphthalene

Concen: 50.635 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

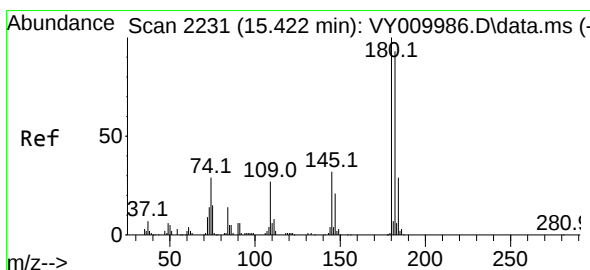
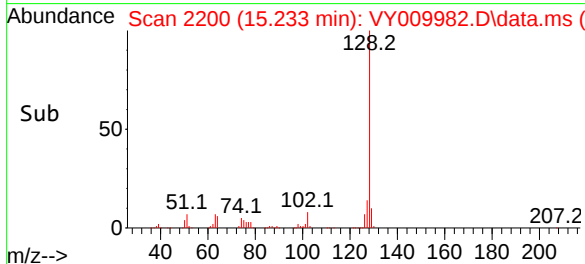
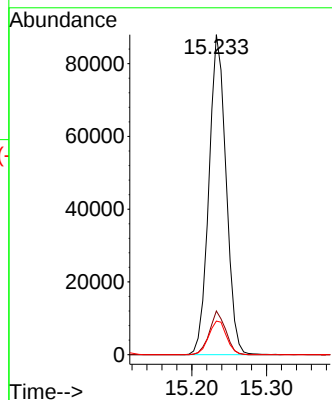
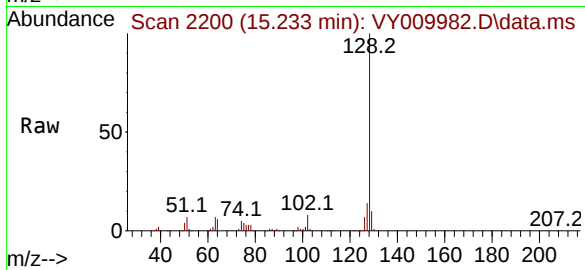
Tgt Ion:128 Resp: 139981

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 55.247 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009982.D

Acq: 12 Aug 2022 11:58

Tgt Ion:180 Resp: 56598

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.0

145 33.7 15.6 46.7

