

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022873.D
 Acq On : 18 Oct 2021 17:51
 Operator : SY/MD
 Sample : M4246-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT53MSD

Quant Time: Oct 19 01:45:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126369	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71667	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35838	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.568	69	33535	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.108	63	64126	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.886	46	102812	45.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.30%
24) Chloroform-d	4.349	84	93537	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.037	65	41417	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.053	84	179818	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.072	67	56204	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.317	98	167318	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloroprop...	7.625	79	18429	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.088	63	85577	57.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.92%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40719	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	64324	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	45590	5.01	ug/L	98
3) Chloromethane	1.240	50	48471	5.30	ug/L	100
5) Vinyl chloride	1.310	62	49496	5.24	ug/L	98
6) Bromomethane	1.519	94	25572	4.34	ug/L	98
8) Chloroethane	1.584	64	26479	4.53	ug/L	97
9) Trichlorofluoromethane	1.751	101	68229	4.93	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36999	4.60	ug/L	94
12) 1,1-Dichloroethene	2.117	96	34514	4.58	ug/L	83
13) Acetone	2.175	43	46358	36.92	ug/L #	45
14) Carbon disulfide	2.294	76	96778	4.57	ug/L	99
15) Methyl Acetate	2.436	43	11667	3.25	ug/L	100
16) Methylene chloride	2.507	84	38158	3.68	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	80764	4.43	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	43199	5.27	ug/L	95
19) 1,1-Dichloroethane	3.191	63	78842	5.34	ug/L	98
21) 2-Butanone	3.973	43	82817	40.28	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	44763	5.20	ug/L	95
23) Bromochloromethane	4.252	128	20819	5.44	ug/L	96
25) Chloroform	4.378	83	82838	4.84	ug/L	99

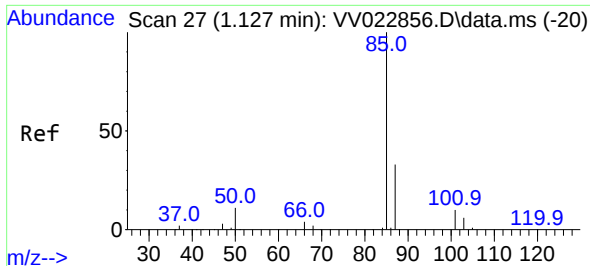
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022873.D
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42486	4.97	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	71278	4.94	ug/L	99
30) Cyclohexane	4.680	56	61873	4.65	ug/L	99
31) Carbon tetrachloride	4.831	117	63424	5.06	ug/L	100
33) Benzene	5.101	78	176582	5.19	ug/L	100
34) Trichloroethene	5.918	95	43947	4.75	ug/L	97
35) Methylcyclohexane	6.133	83	66442	5.12	ug/L	96
37) 1,2-Dichloropropane	6.175	63	42396	5.18	ug/L	99
38) Bromodichloromethane	6.513	83	54089	5.36	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	56238	5.19	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	210676	47.90	ug/L	99
42) Toluene	7.391	91	191598	5.55	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	48491	5.49	ug/L	92
45) 1,1,2-Trichloroethane	7.841	97	29859	4.92	ug/L	97
47) Tetrachloroethene	7.979	164	38650	5.16	ug/L	97
48) 2-Hexanone	8.140	43	151907	47.24	ug/L	97
49) Dibromochloromethane	8.246	129	36990	5.20	ug/L	90
50) 1,2-Dibromoethane	8.355	107	28423	5.01	ug/L	98
51) Chlorobenzene	8.882	112	122185	5.38	ug/L	98
52) Ethylbenzene	9.014	91	189783	5.41	ug/L	98
53) m,p-xylene	9.140	106	75800	5.51	ug/L	99
54) o-xylene	9.545	106	72045	5.56	ug/L	98
55) Styrene	9.561	104	128161	5.74	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	34600	5.63	ug/L	94
59) Bromoform	9.735	173	20225	5.04	ug/L	99
60) Isopropylbenzene	9.934	105	195734	5.38	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23538	4.73	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	153207	5.21	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	160742	5.46	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	101466	5.31	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	104194	5.37	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	91817	5.12	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4888	5.39	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	79246	5.51	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	62128	5.65	ug/L	99
71) Naphthalene	13.503	128	92345	5.28	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	56617	5.46	ug/L	100

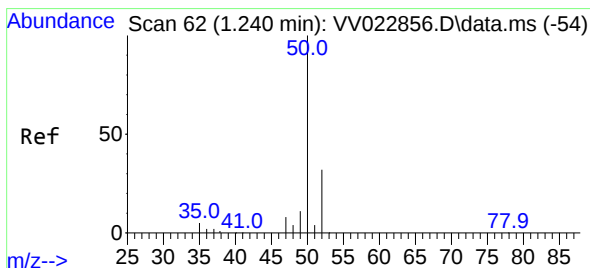
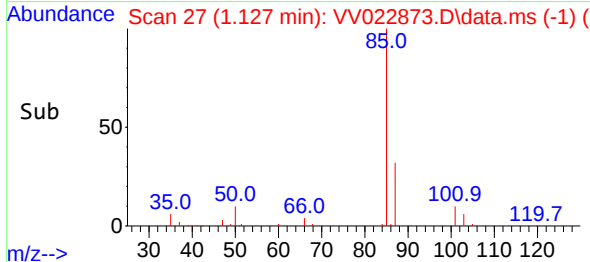
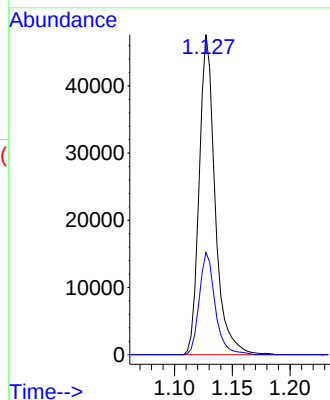
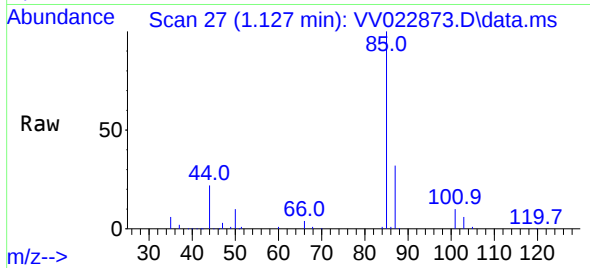
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.01 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

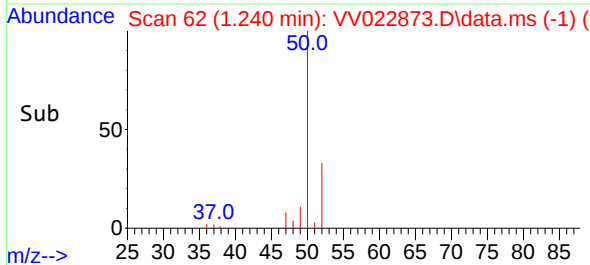
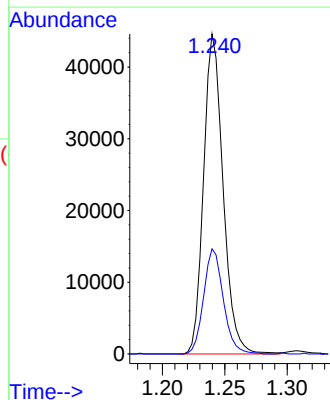
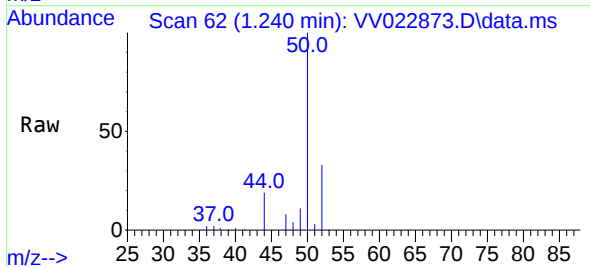
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

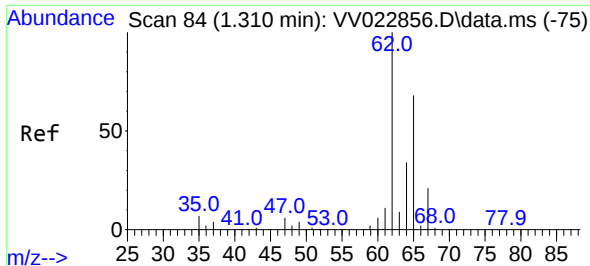
Tgt Ion: 85 Resp: 45590
Ion Ratio Lower Upper
85 100
87 31.8 26.3 39.5



#3
Chloromethane
Concen: 5.30 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 50 Resp: 48471
Ion Ratio Lower Upper
50 100
52 32.9 22.9 42.5

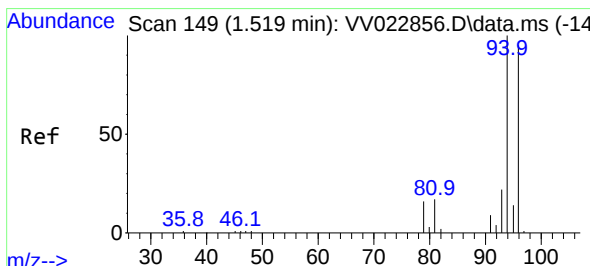
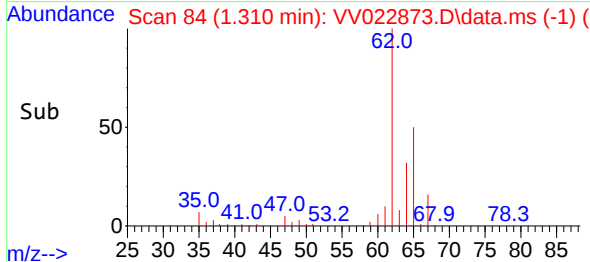
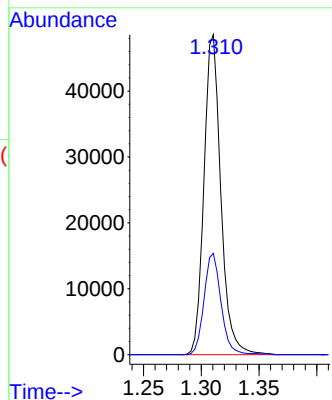
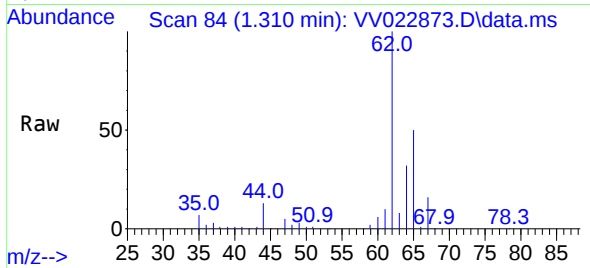




#5
 Vinyl chloride
 Concen: 5.24 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022873.D
 Acq: 18 Oct 2021 17:51

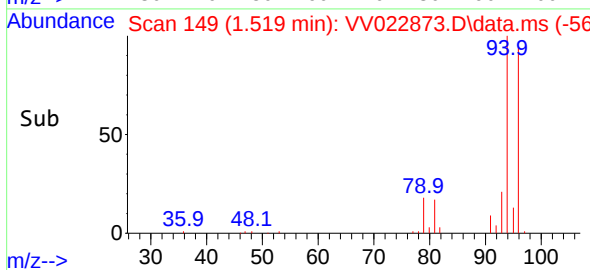
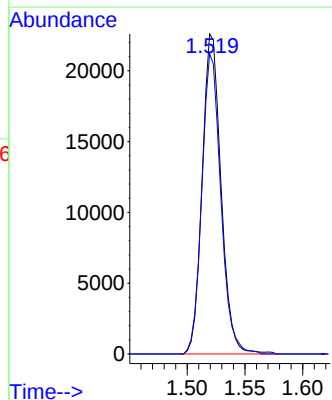
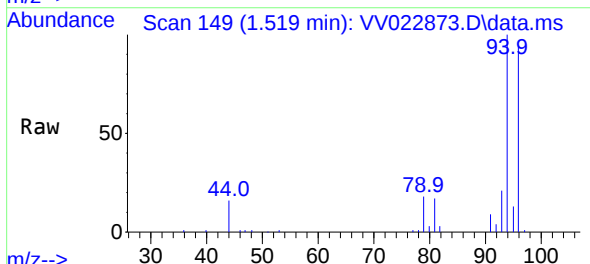
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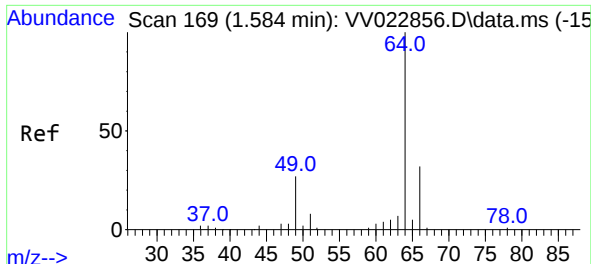
Tgt Ion: 62 Resp: 49496
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.0 42.8



#6
 Bromomethane
 Concen: 4.34 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022873.D
 Acq: 18 Oct 2021 17:51

Tgt Ion: 94 Resp: 25572
 Ion Ratio Lower Upper
 94 100
 96 93.8 67.2 124.8

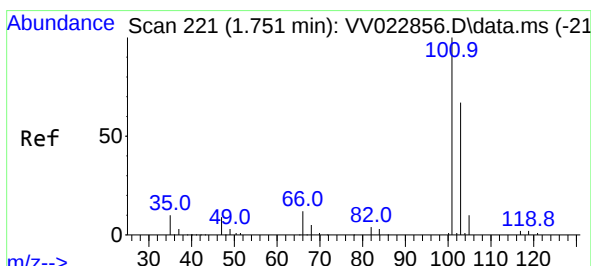
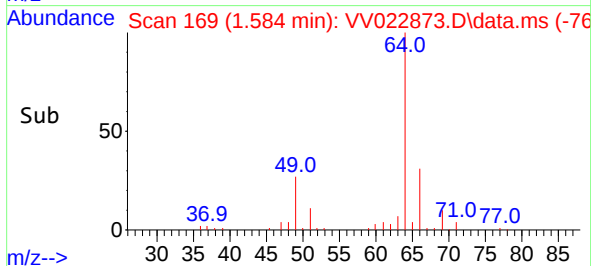
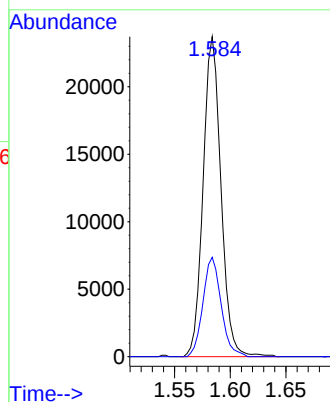
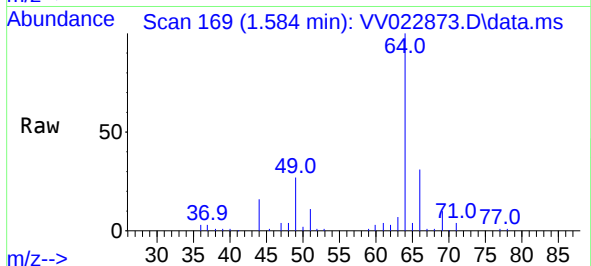




#8
Chloroethane
Concen: 4.53 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

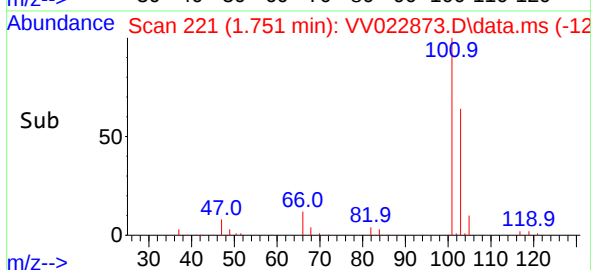
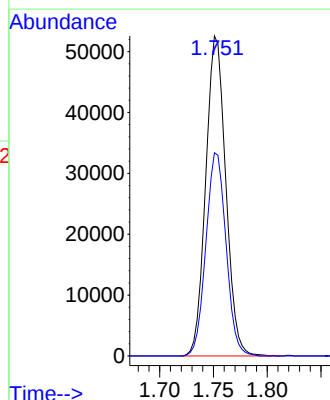
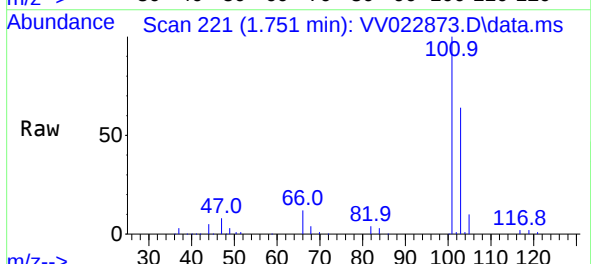
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

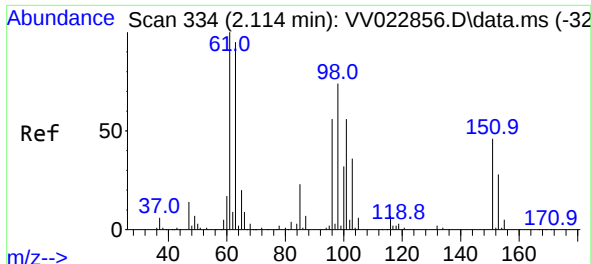
Tgt Ion: 64 Resp: 26479
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.93 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:101 Resp: 68229
Ion Ratio Lower Upper
101 100
103 63.7 50.3 75.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.60 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022873.D

Acq: 18 Oct 2021 17:51

Tgt Ion:101 Resp: 36999

Ion Ratio Lower Upper

101 100

85 42.4 34.6 52.0

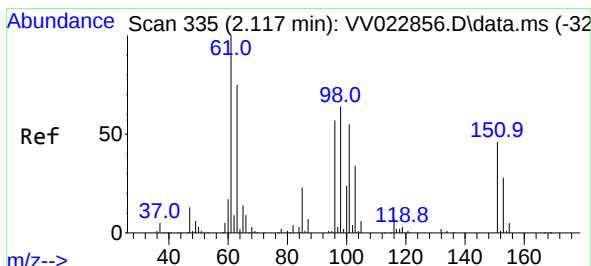
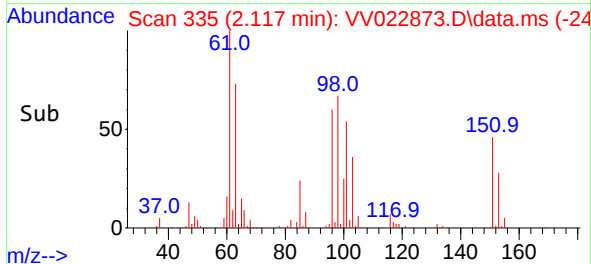
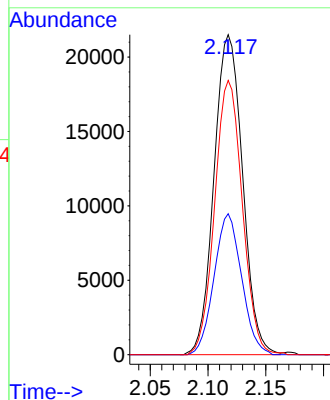
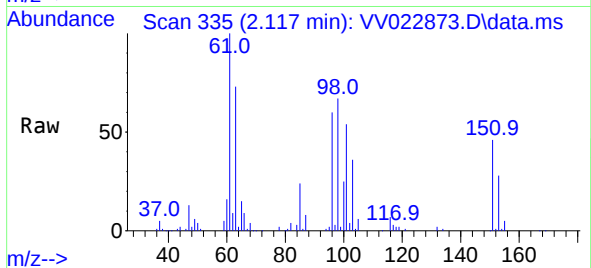
151 82.9 60.9 91.3

Instrument :

MSVOA_V

ClientSampleId :

YAT53MSD



#12

1,1-Dichloroethene

Concen: 4.58 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV022873.D

Acq: 18 Oct 2021 17:51

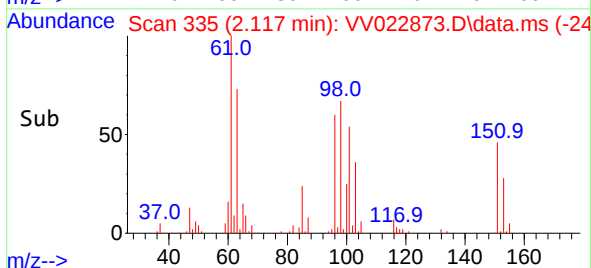
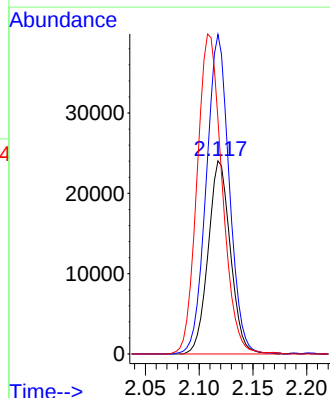
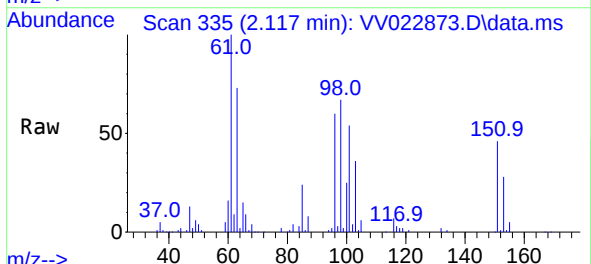
Tgt Ion: 96 Resp: 34514

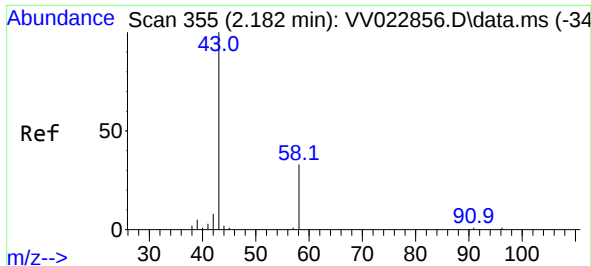
Ion Ratio Lower Upper

96 100

61 165.5 127.3 236.5

63 121.4 106.2 197.2

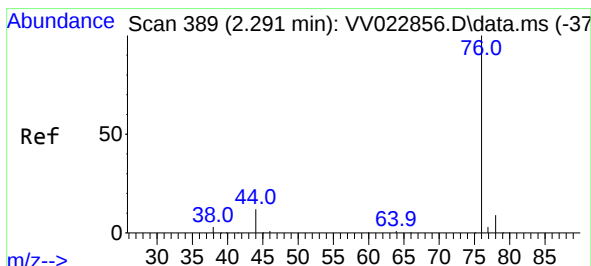
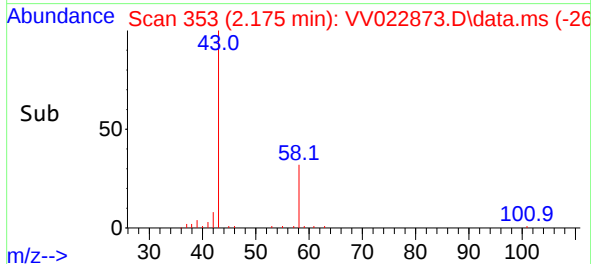
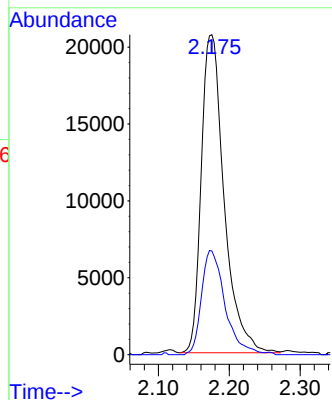
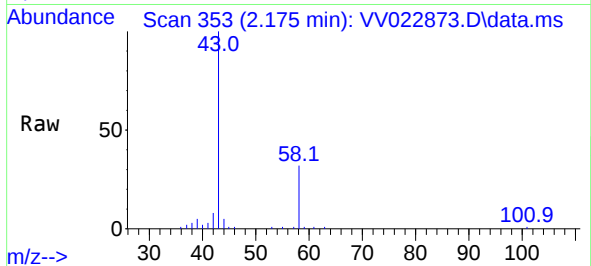




#13
Acetone
Concen: 36.92 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

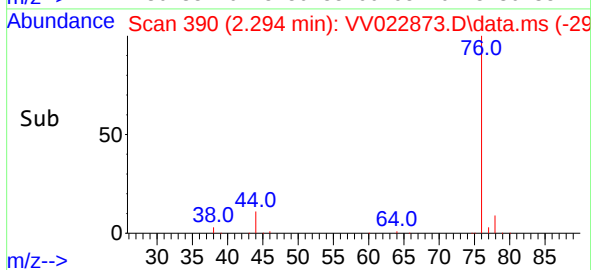
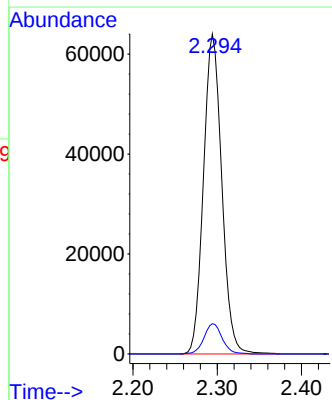
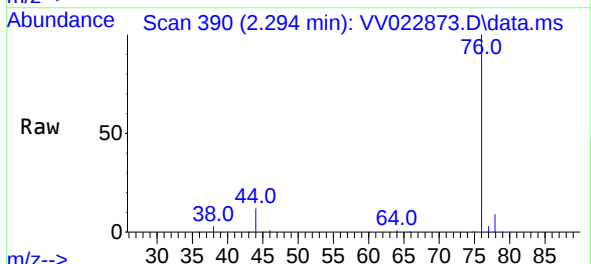
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

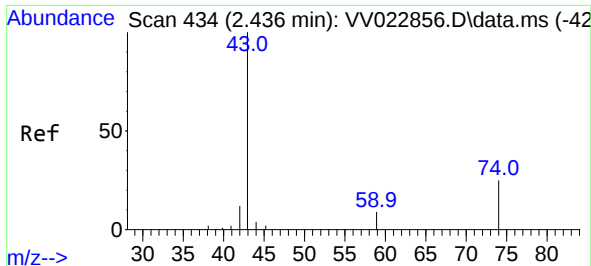
Tgt Ion: 43 Resp: 46358
Ion Ratio Lower Upper
43 100
58 33.6 0.0 24.2#



#14
Carbon disulfide
Concen: 4.57 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 76 Resp: 96778
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

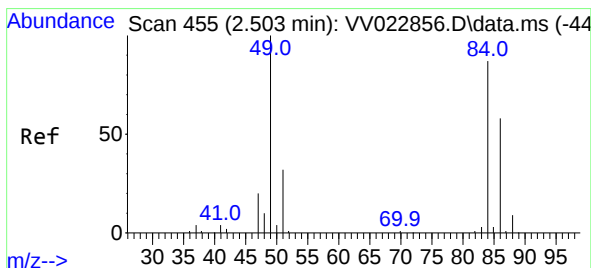
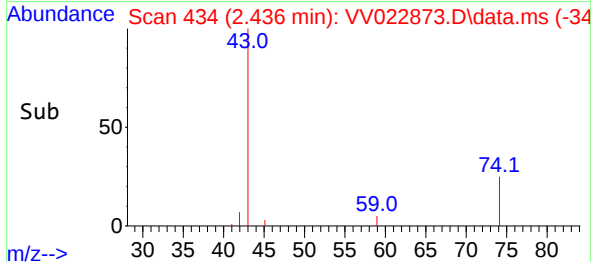
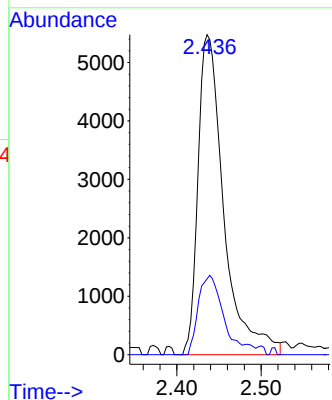
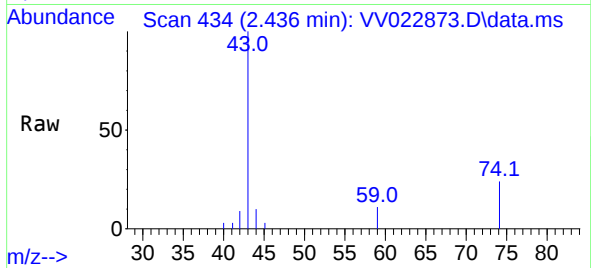




#15
Methyl Acetate
Concen: 3.25 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

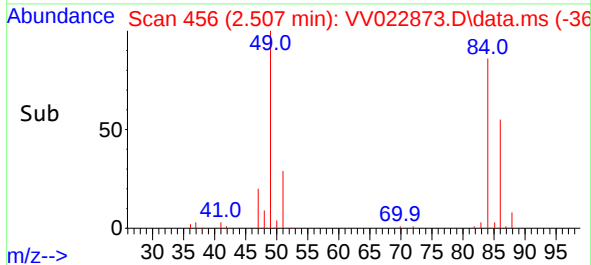
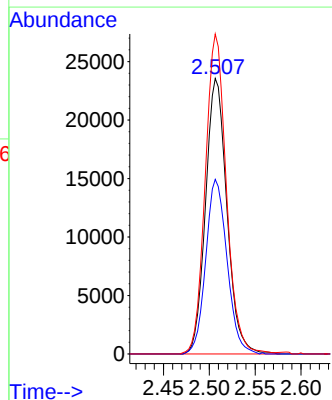
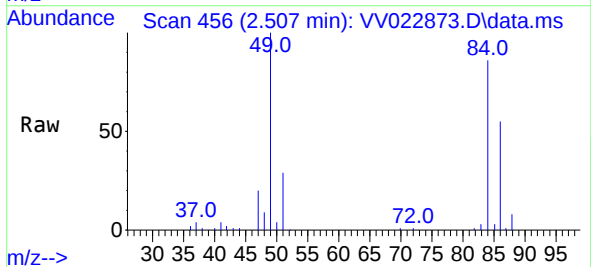
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

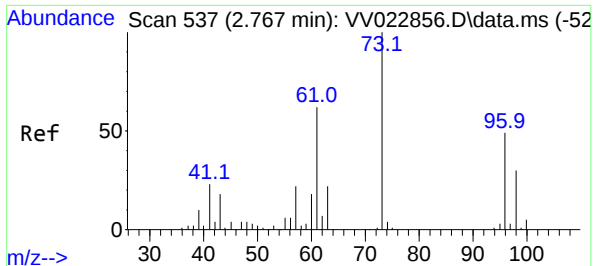
Tgt Ion: 43 Resp: 11667
Ion Ratio Lower Upper
43 100
74 24.7 19.9 29.9



#16
Methylene chloride
Concen: 3.68 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 84 Resp: 38158
Ion Ratio Lower Upper
84 100
86 63.4 45.8 85.2
49 116.2 90.3 167.7



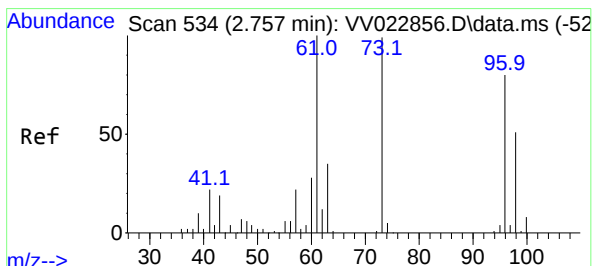
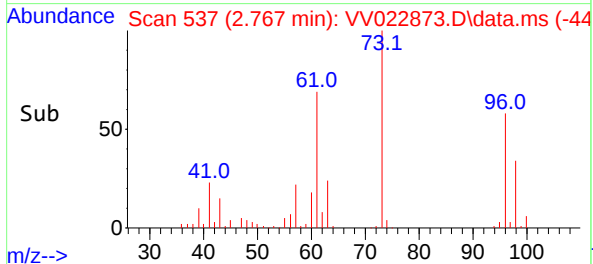
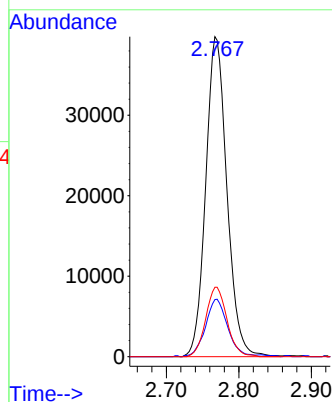
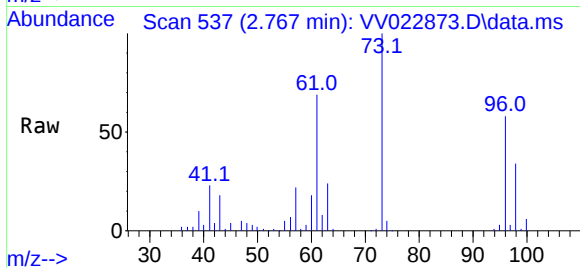


#17

Methyl tert-butyl Ether
Concen: 4.43 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

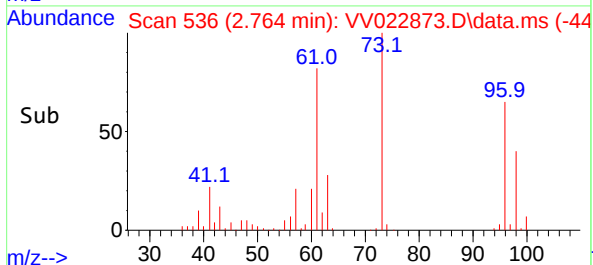
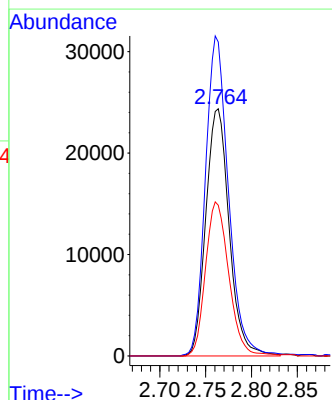
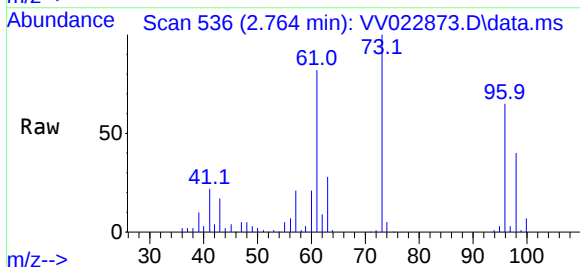
Tgt Ion: 73	Resp: 80764
Ion Ratio	Lower Upper
73 100	
43 18.8	17.1 25.7
57 21.8	17.2 25.8

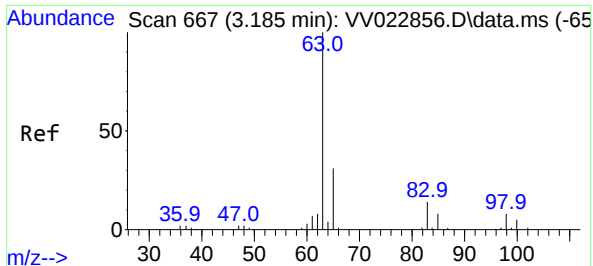


#18

trans-1,2-Dichloroethene
Concen: 5.27 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 96	Resp: 43199
Ion Ratio	Lower Upper
96 100	
61 127.0	94.5 175.5
98 60.9	44.2 82.0



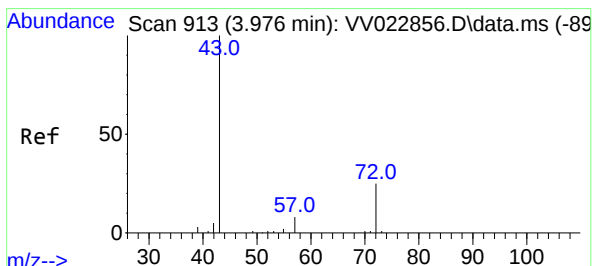
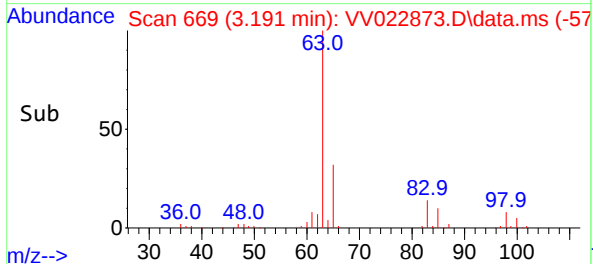
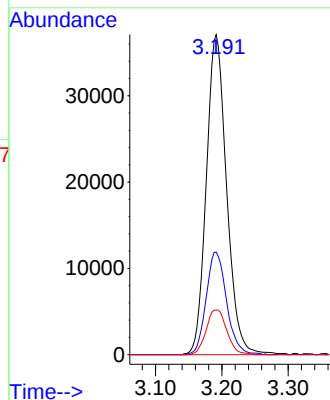
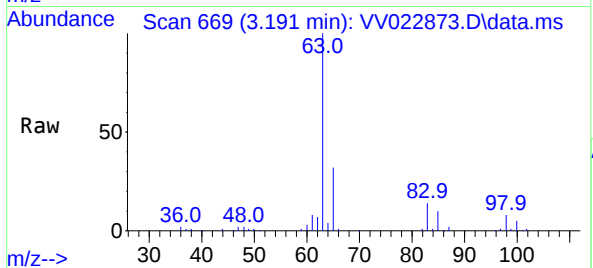


#19
1,1-Dichloroethane
Concen: 5.34 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

Tgt Ion: 63 Resp: 78842

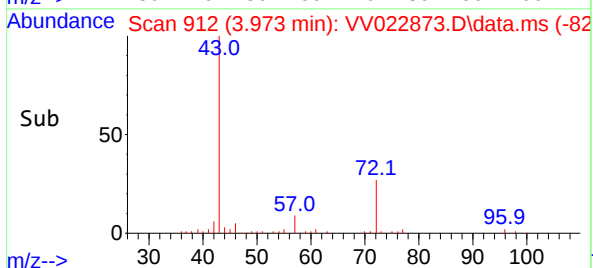
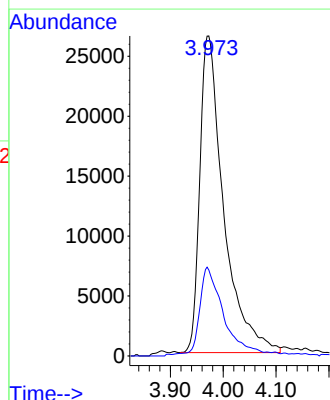
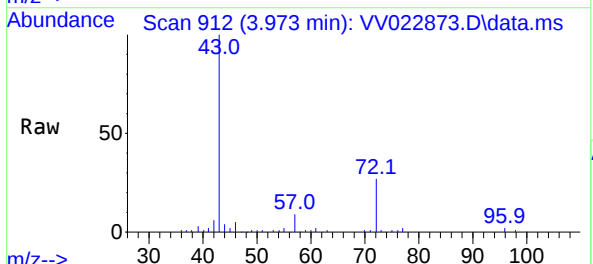
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.5	43.7
83	13.9	10.1	18.7

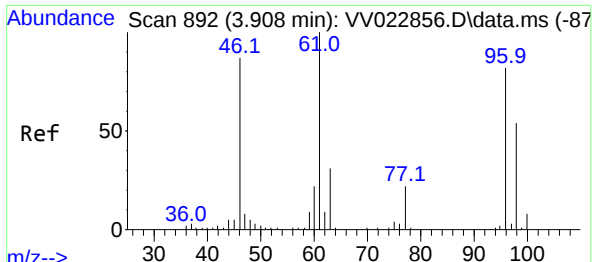


#21
2-Butanone
Concen: 40.28 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 43 Resp: 82817

Ion	Ratio	Lower	Upper
43	100		
72	26.7	12.3	36.8





#22

cis-1,2-Dichloroethene

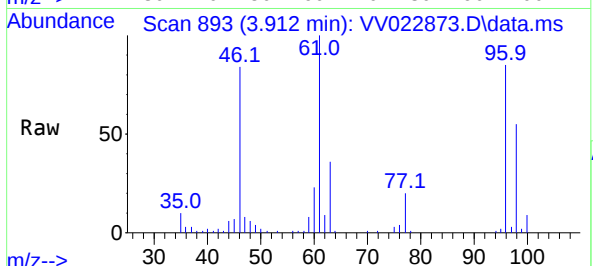
Concen: 5.20 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV022873.D

Acq: 18 Oct 2021 17:51



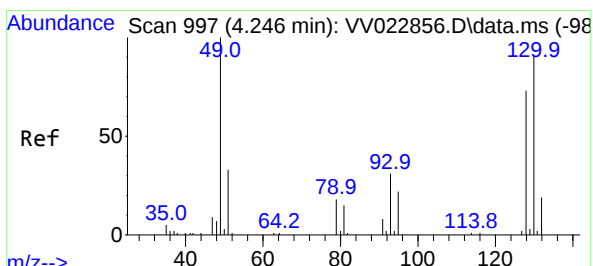
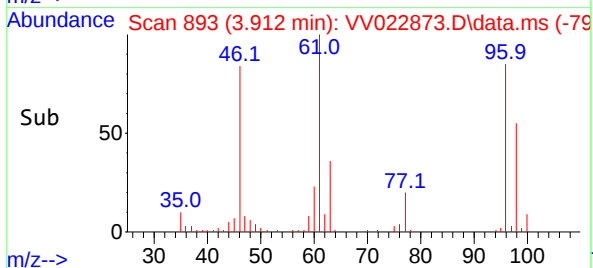
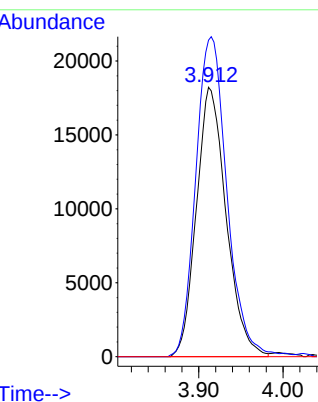
Tgt Ion: 96 Resp: 44763

Ion Ratio Lower Upper

96 100

61 117.4 86.0 159.6

68 0.0 0.0 0.0



#23

Bromochloromethane

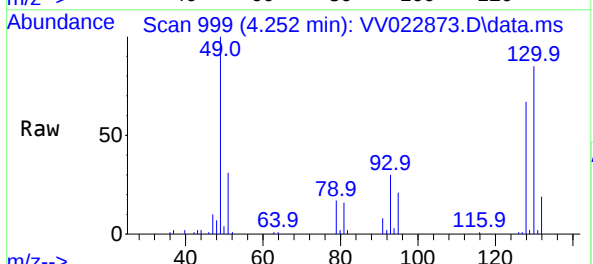
Concen: 5.44 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV022873.D

Acq: 18 Oct 2021 17:51



Tgt Ion: 128 Resp: 20819

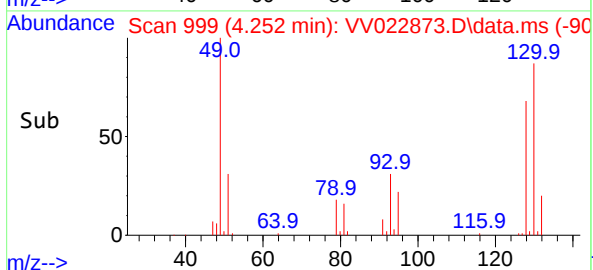
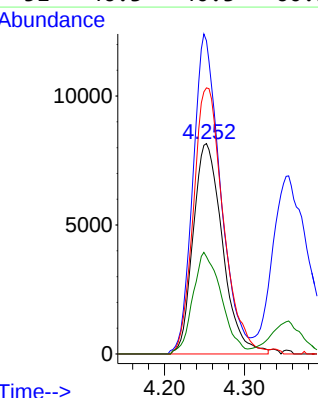
Ion Ratio Lower Upper

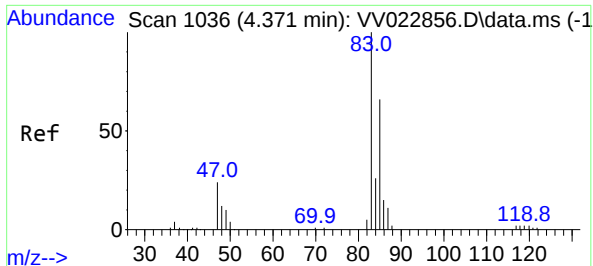
128 100

49 149.0 106.9 198.5

130 126.5 91.9 170.7

51 46.3 40.3 60.5



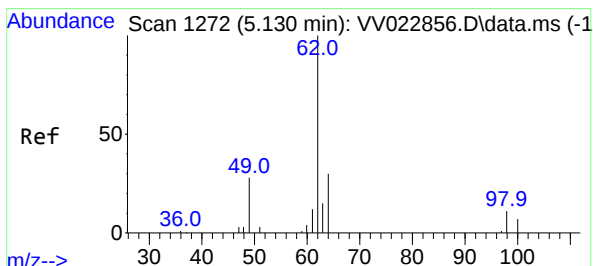
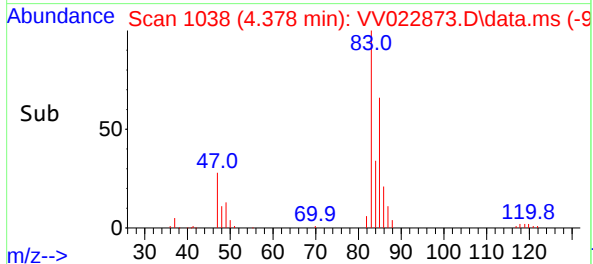
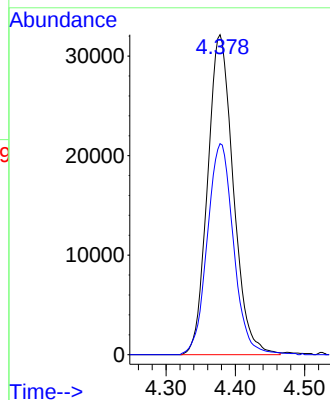
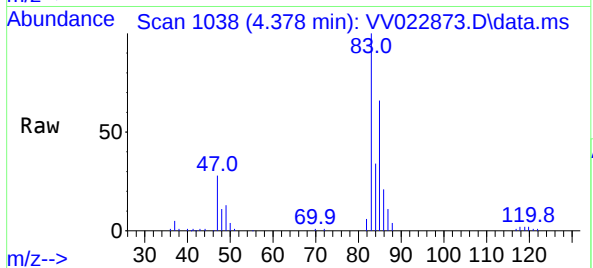


#25

Chloroform
Concen: 4.84 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

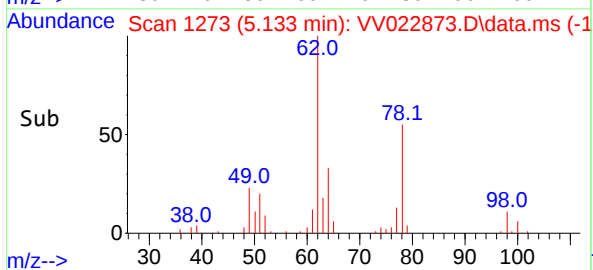
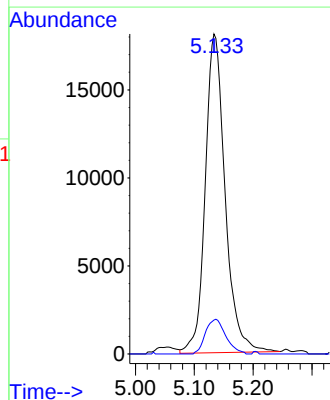
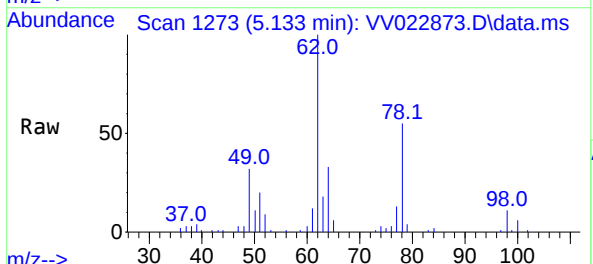
Tgt Ion: 83 Resp: 82838
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9

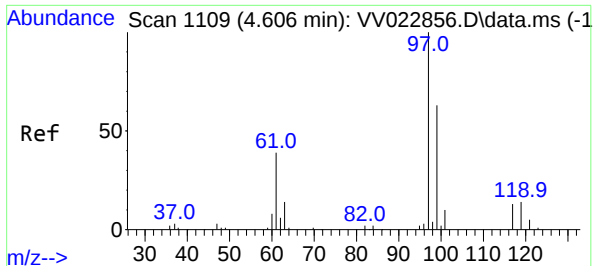


#27

1,2-Dichloroethane
Concen: 4.97 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 62 Resp: 42486
Ion Ratio Lower Upper
62 100
98 10.6 9.7 14.5



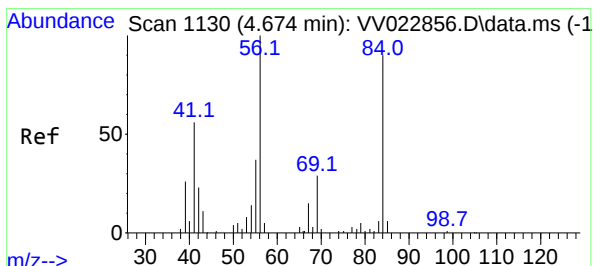
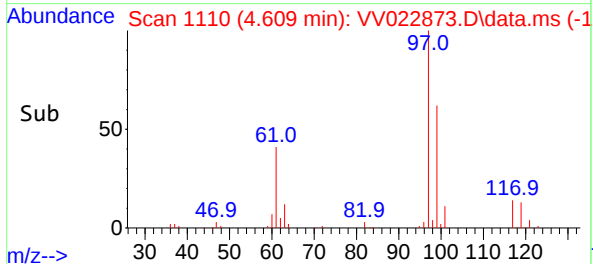
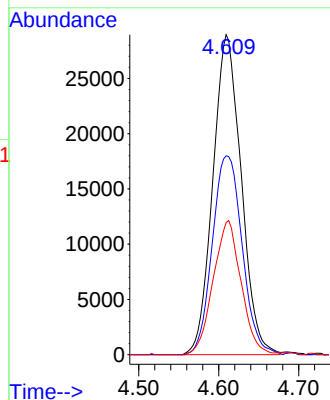
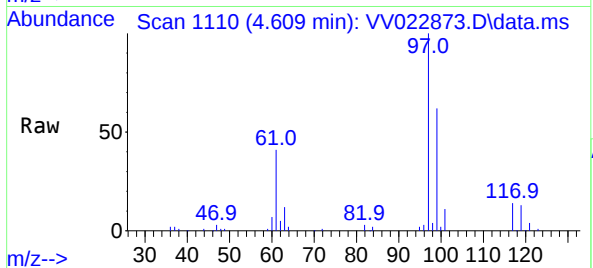


#29

1,1,1-Trichloroethane
Concen: 4.94 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

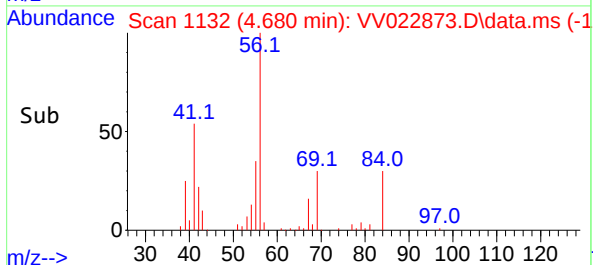
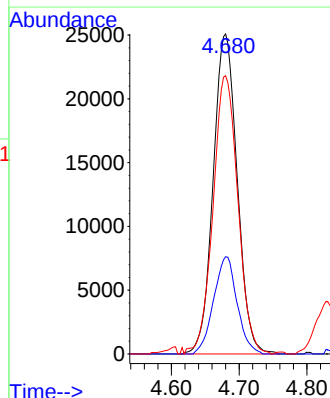
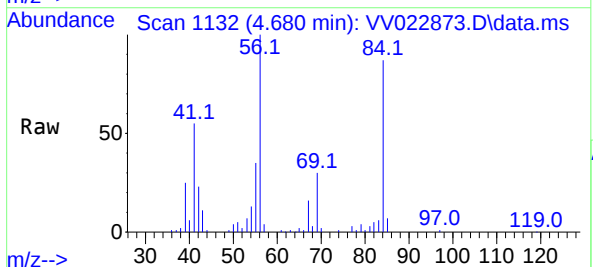
Tgt Ion:	97	Resp:	71278
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.2	76.8
61	41.2	33.2	49.8

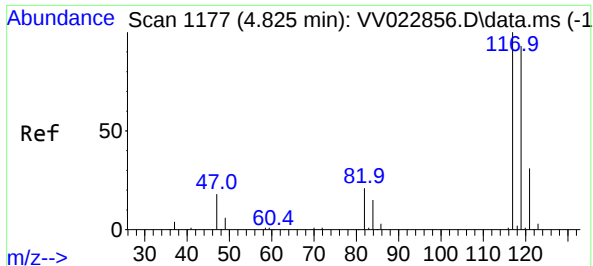


#30

Cyclohexane
Concen: 4.65 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:	56	Resp:	61873
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.9	37.3
84	89.7	72.5	108.7

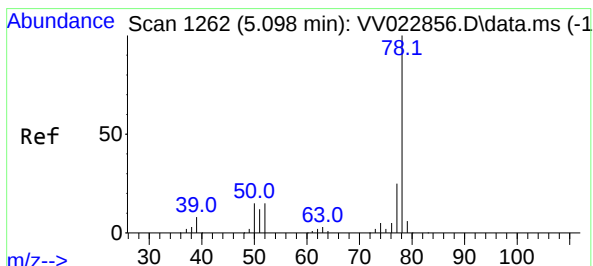
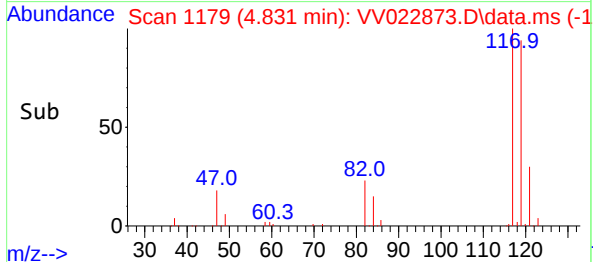
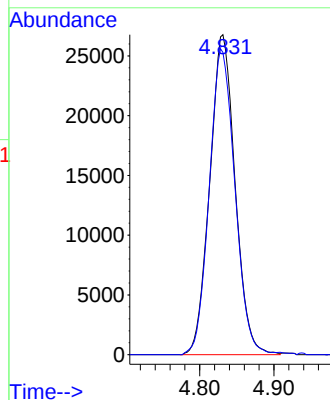
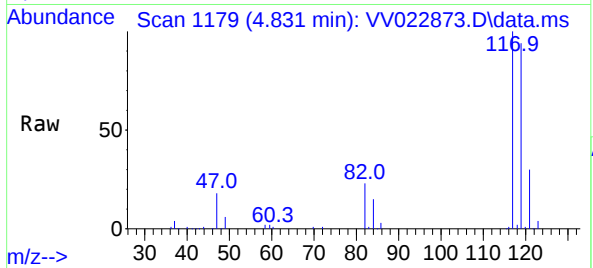




#31
Carbon tetrachloride
Concen: 5.06 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

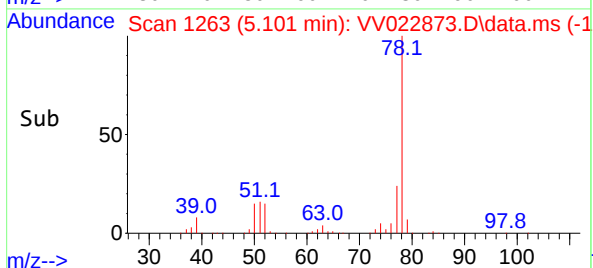
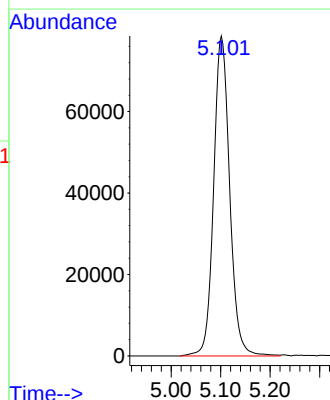
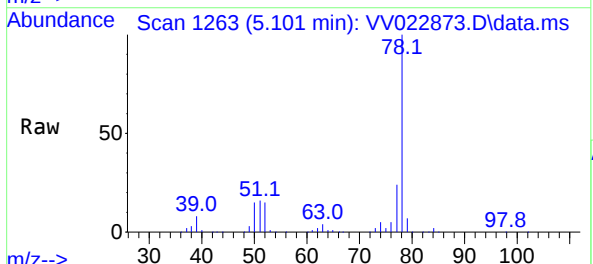
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

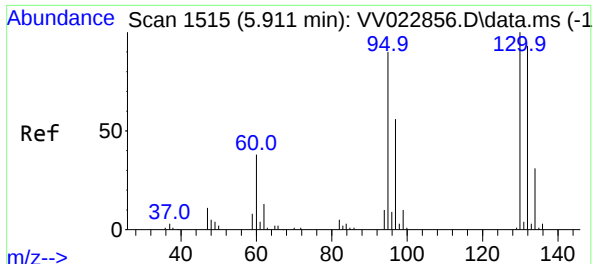
Tgt Ion:117 Resp: 63424
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.0



#33
Benzene
Concen: 5.19 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 78 Resp: 176582



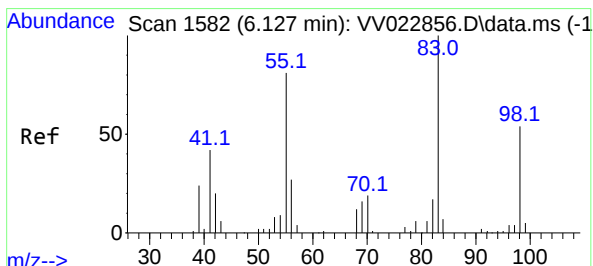
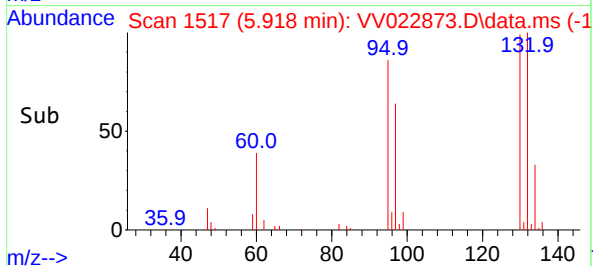
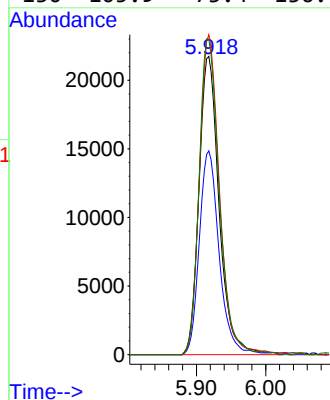
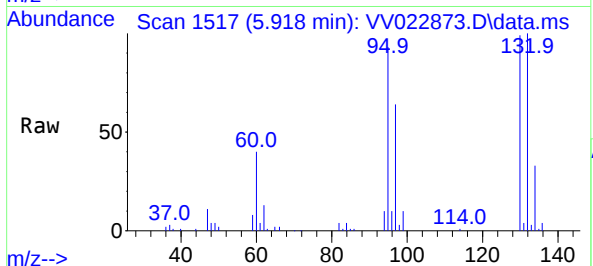


#34
Trichloroethene
Concen: 4.75 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

Tgt Ion: 95 Resp: 43947

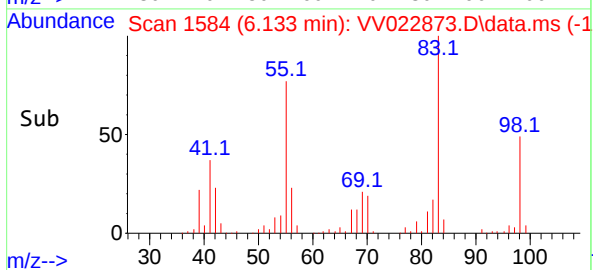
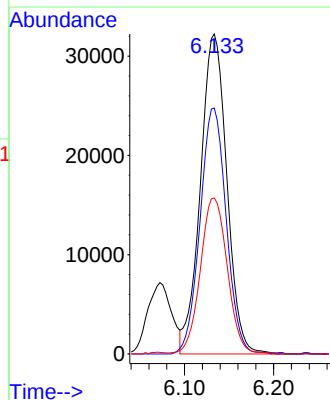
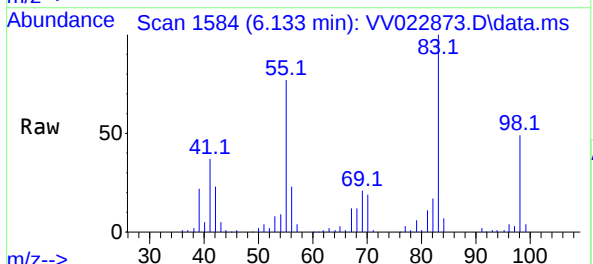
Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.8	85.2
132	107.3	72.2	134.0
130	105.9	73.4	136.4

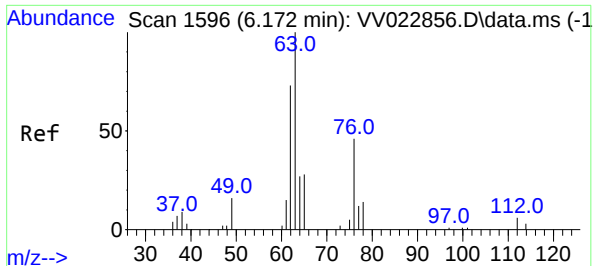


#35
Methylcyclohexane
Concen: 5.12 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 83 Resp: 66442

Ion	Ratio	Lower	Upper
83	100		
55	76.2	63.8	95.6
98	49.8	42.1	63.1

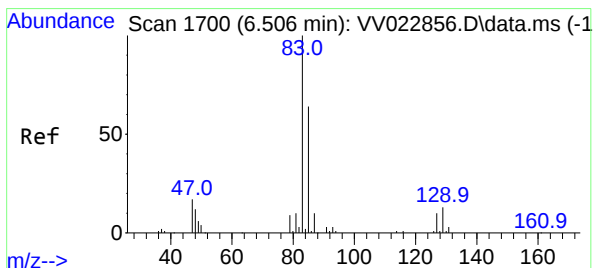
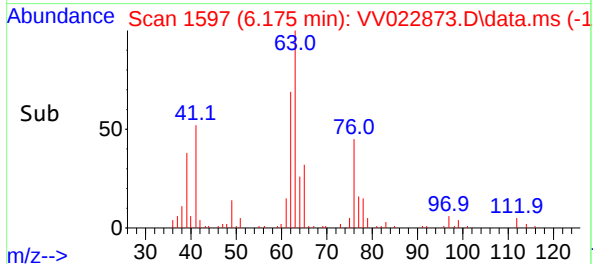
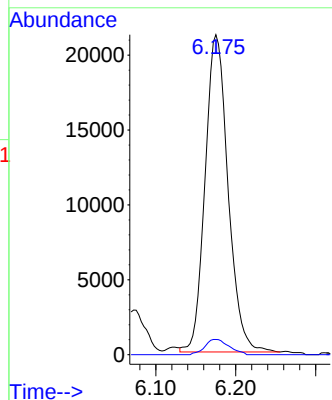
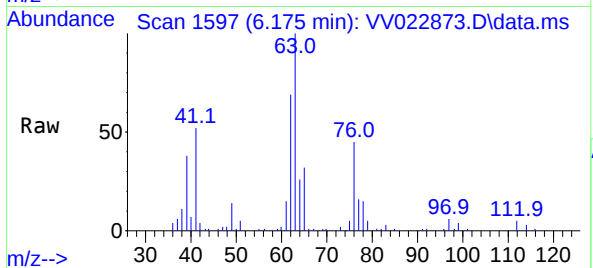




#37
1,2-Dichloropropane
Concen: 5.18 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

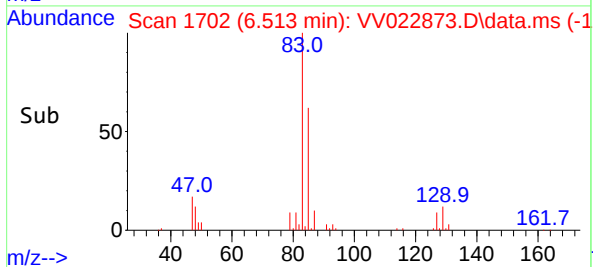
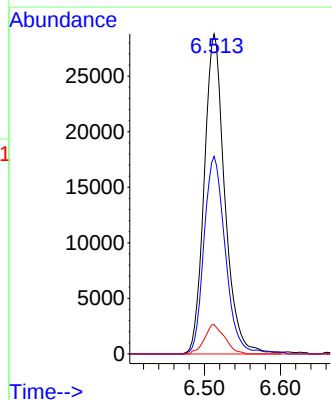
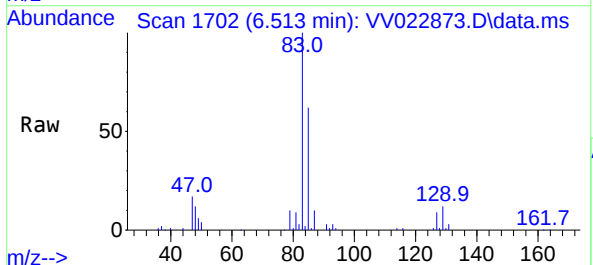
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

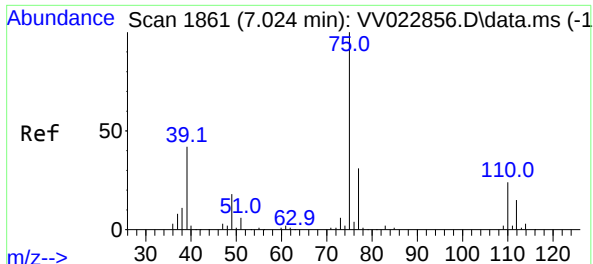
Tgt Ion: 63 Resp: 42396
Ion Ratio Lower Upper
63 100
112 5.1 4.4 6.6



#38
Bromodichloromethane
Concen: 5.36 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 83 Resp: 54089
Ion Ratio Lower Upper
83 100
85 61.7 44.3 82.3
127 9.1 7.7 11.5

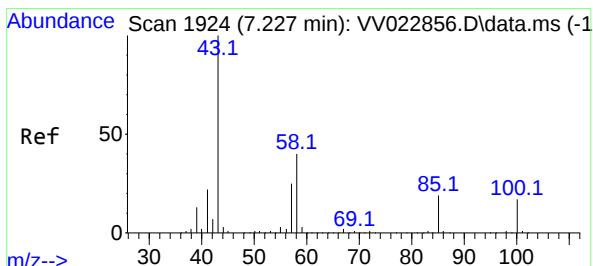
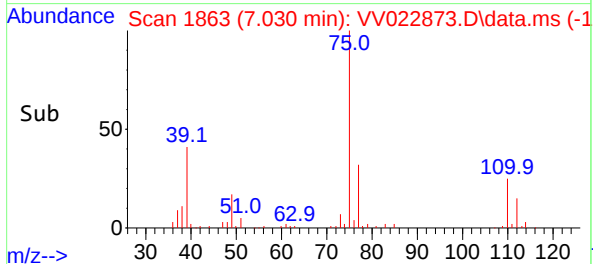
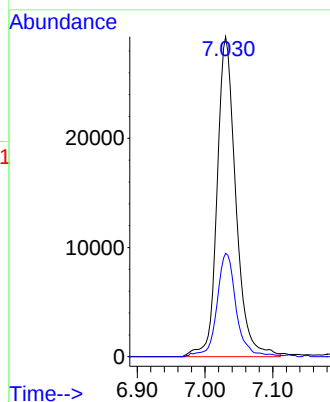
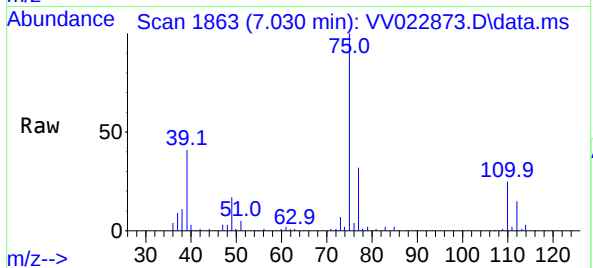




#39
cis-1,3-Dichloropropene
Concen: 5.19 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

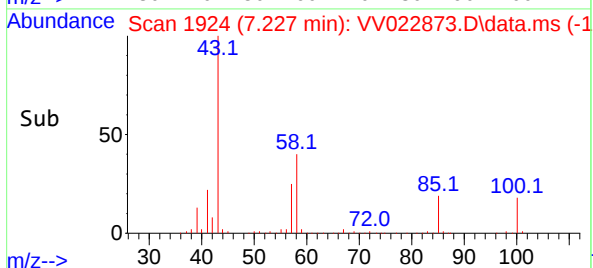
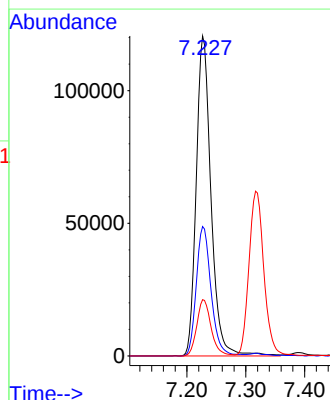
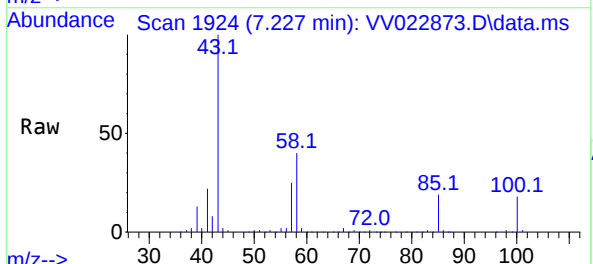
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

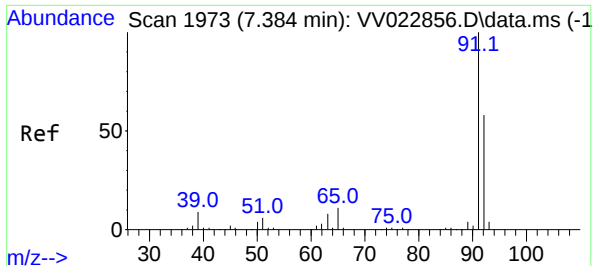
Tgt Ion: 75 Resp: 56238
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 47.90 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 43 Resp: 210676
Ion Ratio Lower Upper
43 100
58 40.4 32.0 48.0
100 17.1 14.2 21.2

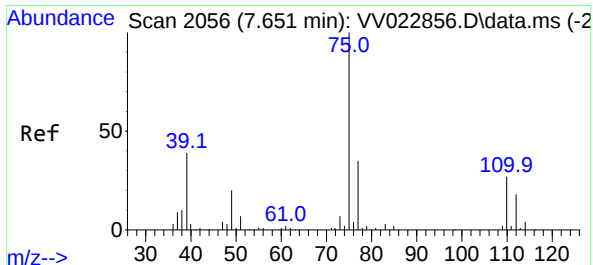
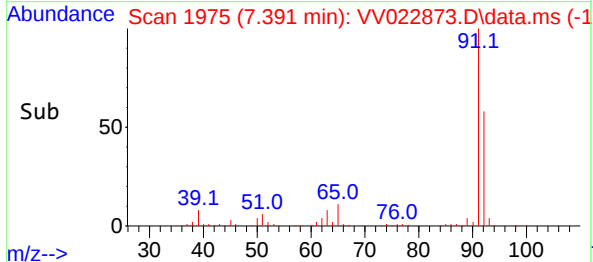
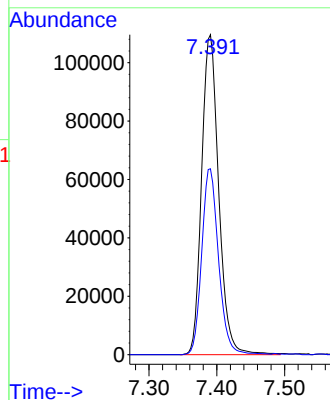
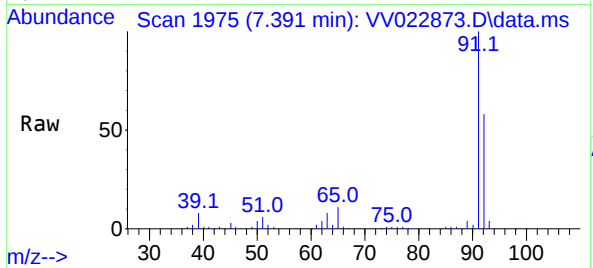




#42
Toluene
Concen: 5.55 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

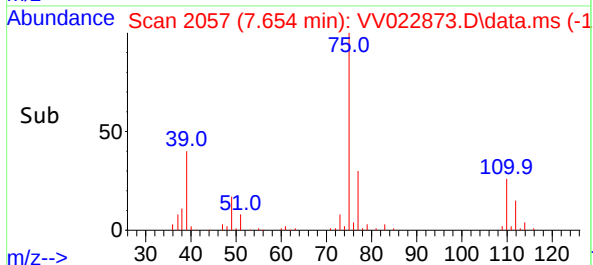
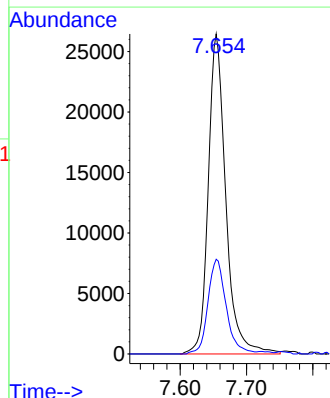
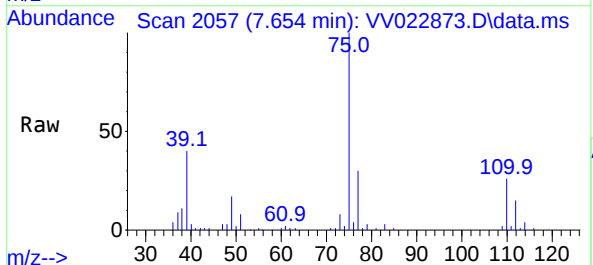
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

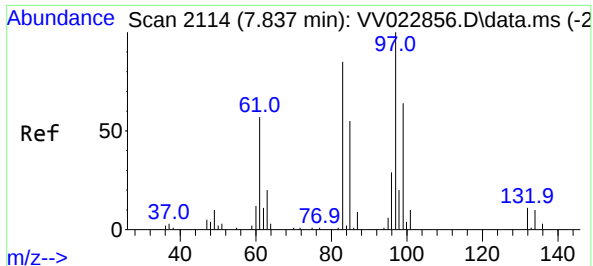
Tgt Ion: 91 Resp: 191598
Ion Ratio Lower Upper
91 100
92 58.1 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.49 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 75 Resp: 48491
Ion Ratio Lower Upper
75 100
77 29.6 23.9 44.5





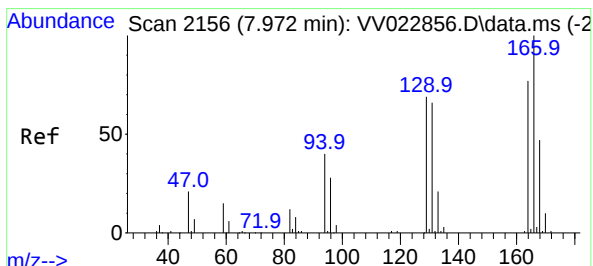
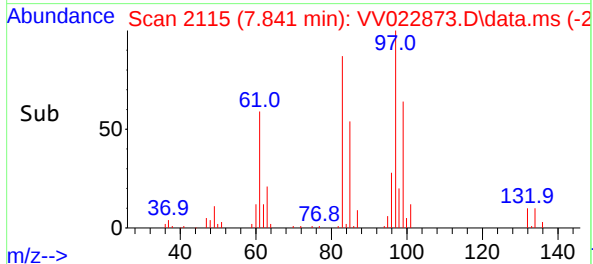
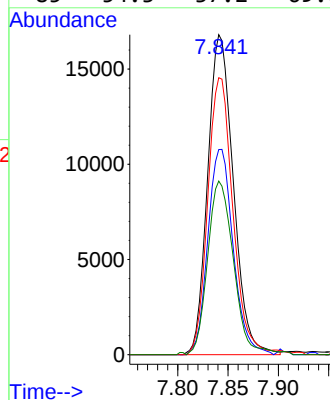
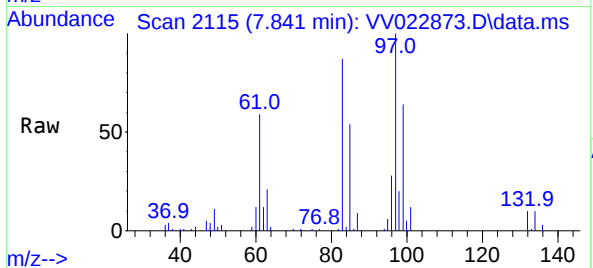
#45

1,1,2-Trichloroethane
Concen: 4.92 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

Tgt Ion: 97 Resp: 29859

Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.5	82.7
83	86.6	56.6	105.0
85	54.3	37.2	69.0

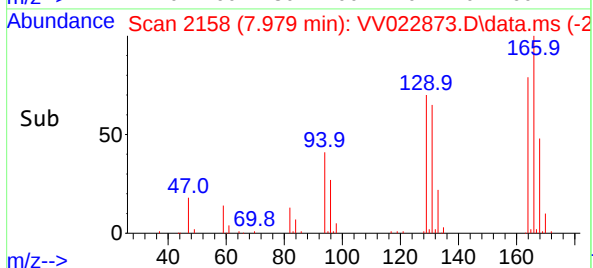
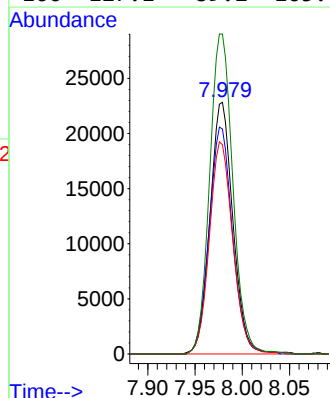
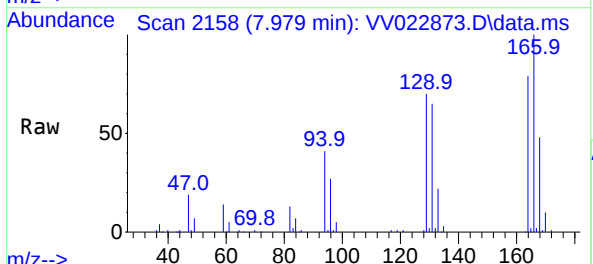


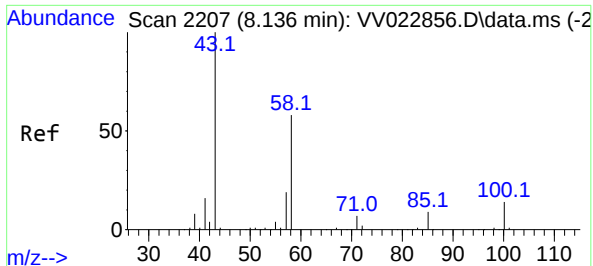
#47

Tetrachloroethene
Concen: 5.16 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 164 Resp: 38650

Ion	Ratio	Lower	Upper
164	100		
129	89.4	65.0	120.6
131	83.2	62.2	115.4
166	127.1	89.2	165.8

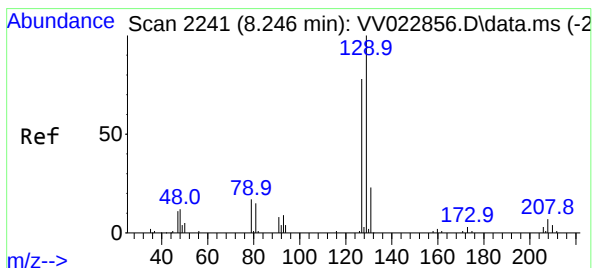
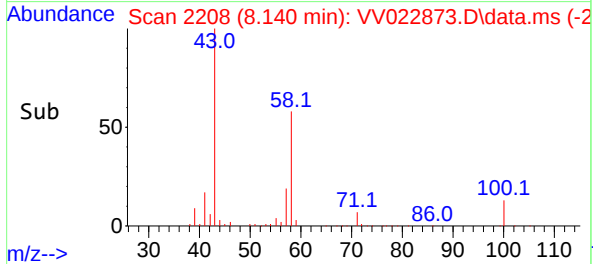
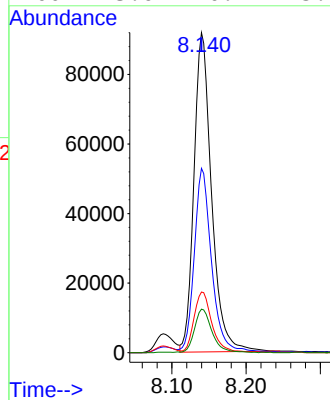
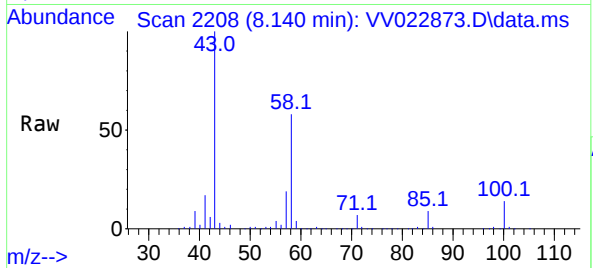




#48
2-Hexanone
Concen: 47.24 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

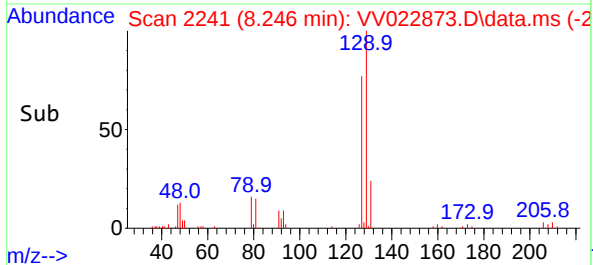
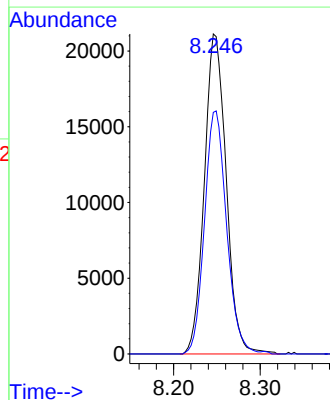
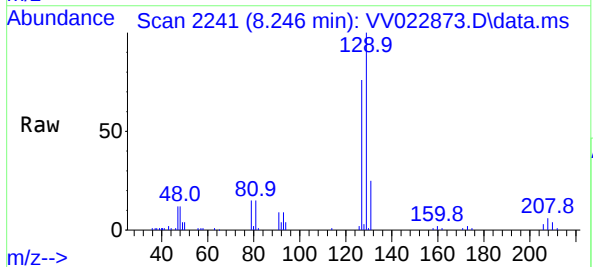
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

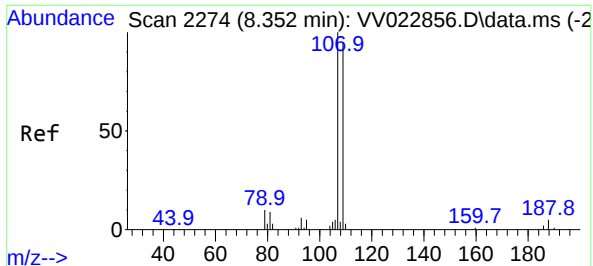
Tgt Ion: 43 Resp: 151907
Ion Ratio Lower Upper
43 100
58 56.5 47.4 71.0
57 18.8 15.3 22.9
100 13.6 10.4 15.6



#49
Dibromochloromethane
Concen: 5.20 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 129 Resp: 36990
Ion Ratio Lower Upper
129 100
127 75.5 59.1 109.9

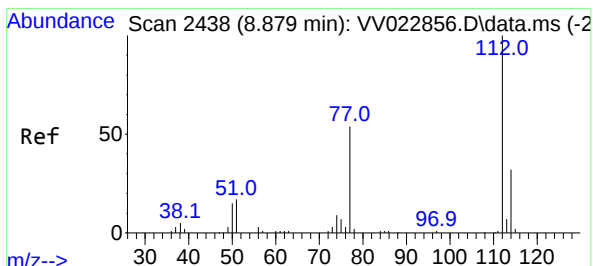
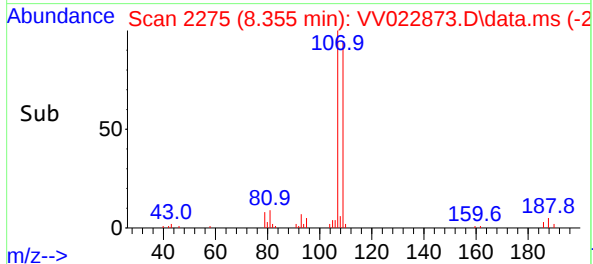
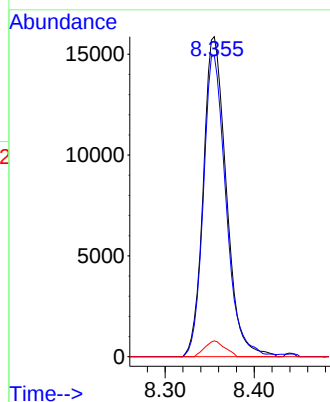
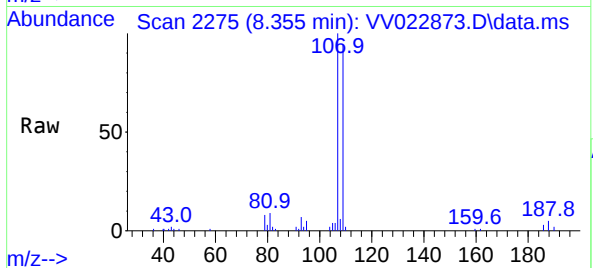




#50
1,2-Dibromoethane
Concen: 5.01 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

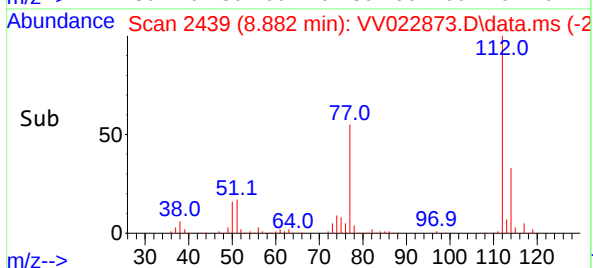
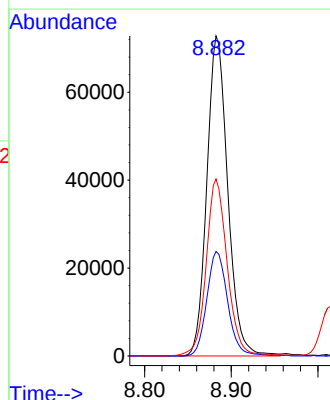
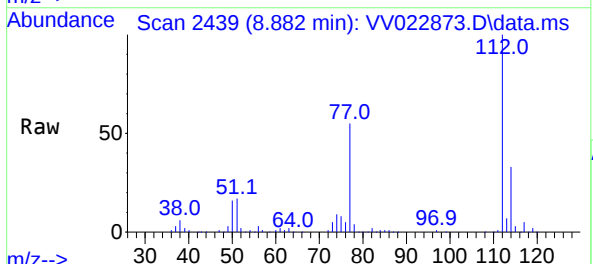
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

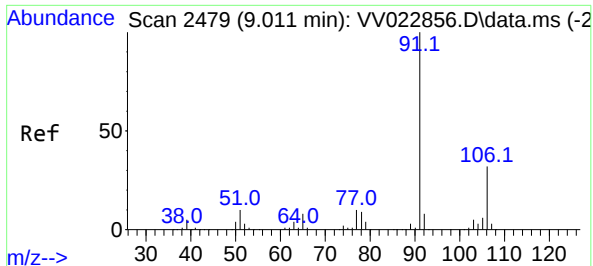
Tgt Ion:107 Resp: 28423
Ion Ratio Lower Upper
107 100
109 94.2 67.1 124.5
188 5.0 3.4 5.0



#51
Chlorobenzene
Concen: 5.38 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:112 Resp: 122185
Ion Ratio Lower Upper
112 100
114 32.7 21.6 40.2
77 55.3 43.7 65.5

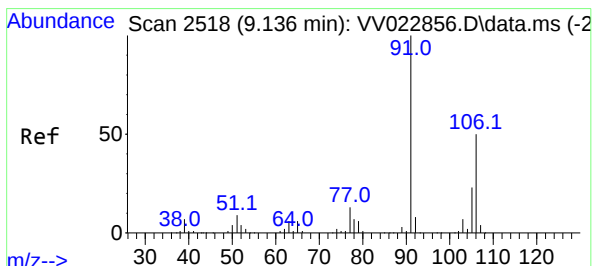
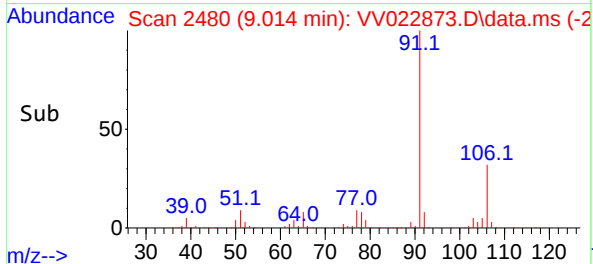
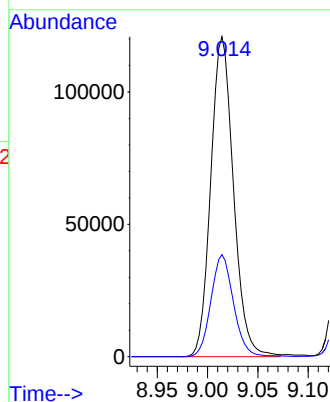
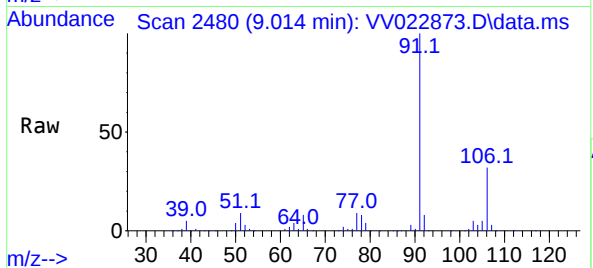




#52
Ethylbenzene
Concen: 5.41 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

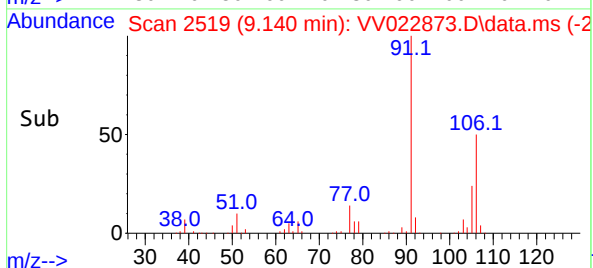
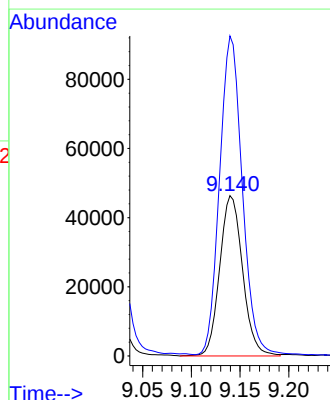
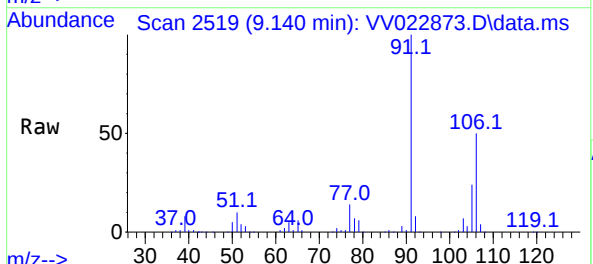
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

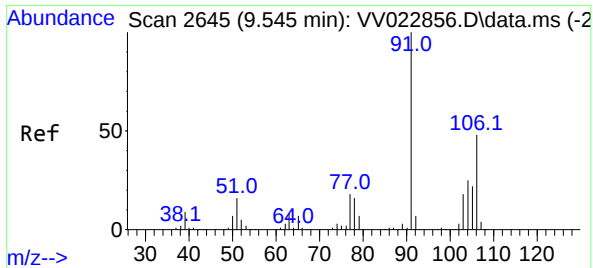
Tgt Ion: 91 Resp: 189783
Ion Ratio Lower Upper
91 100
106 31.9 21.6 40.2



#53
m,p-xylene
Concen: 5.51 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 106 Resp: 75800
Ion Ratio Lower Upper
106 100
91 199.5 138.7 257.5

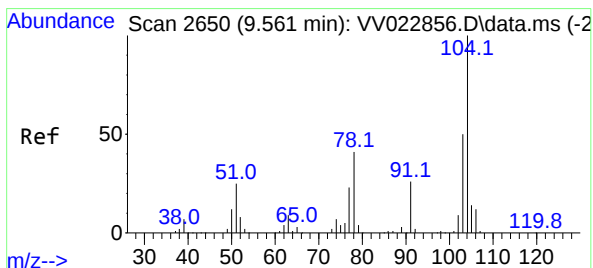
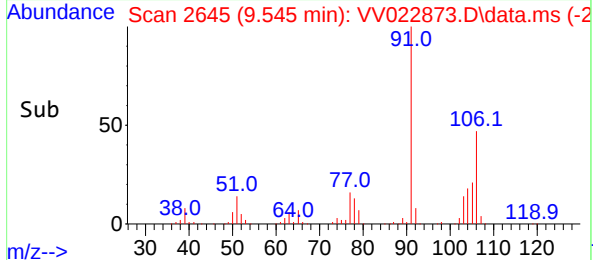
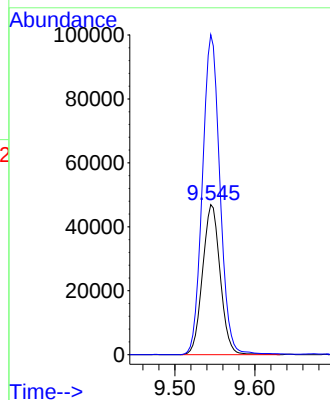
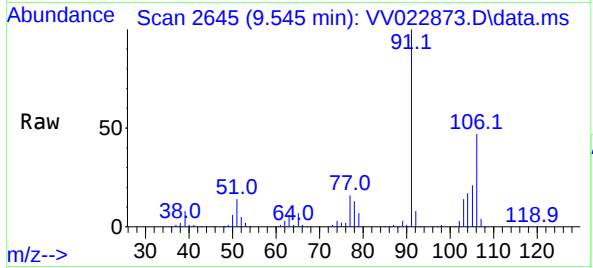




#54
o-xylene
Concen: 5.56 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

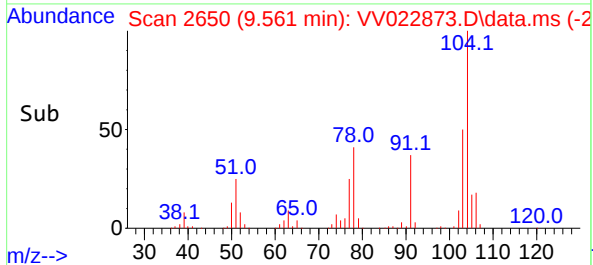
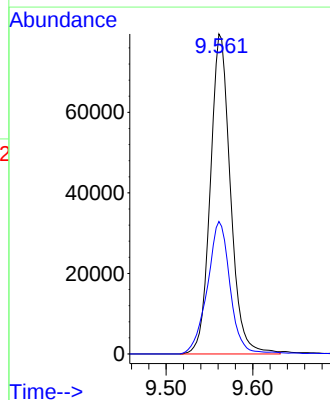
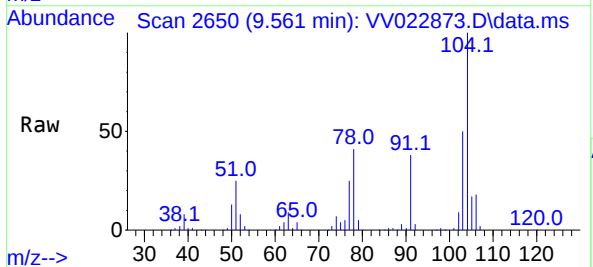
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

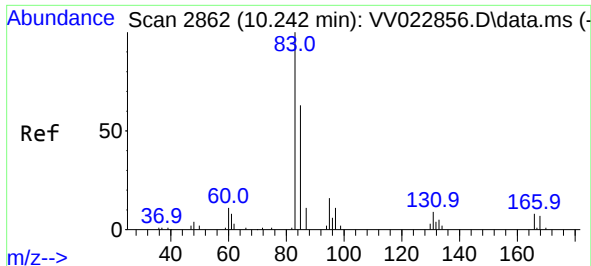
Tgt Ion:106 Resp: 72045
Ion Ratio Lower Upper
106 100
91 213.1 151.1 280.7



#55
Styrene
Concen: 5.74 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:104 Resp: 128161
Ion Ratio Lower Upper
104 100
78 41.4 29.5 54.7

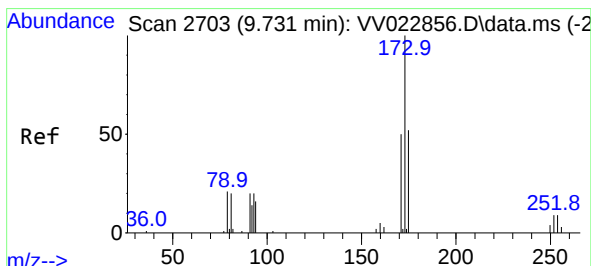
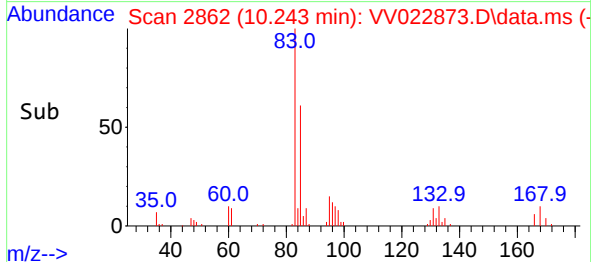
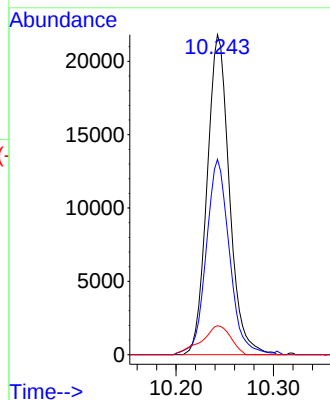
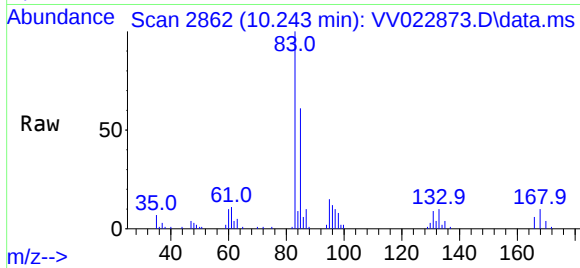




#57
1,1,2,2-Tetrachloroethane
Concen: 5.63 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

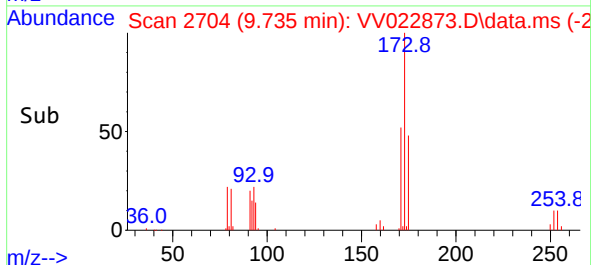
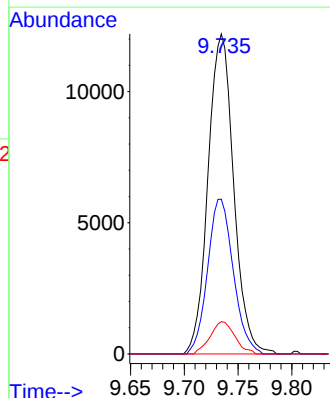
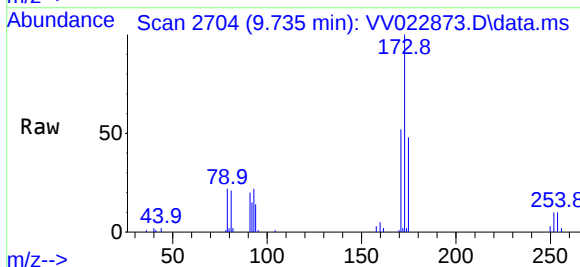
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

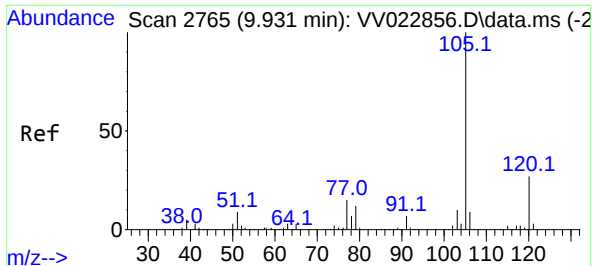
Tgt Ion:	83	Resp:	34600
Ion	Ratio	Lower	Upper
83	100		
85	61.0	46.0	85.4
131	9.1	8.4	12.6



#59
Bromoform
Concen: 5.04 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:	173	Resp:	20225
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.3	57.5
254	9.7	7.1	10.7

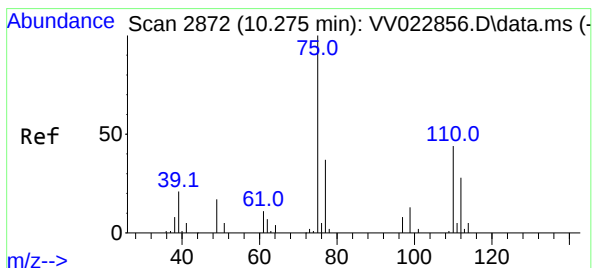
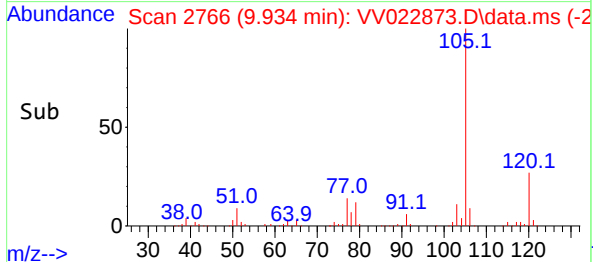
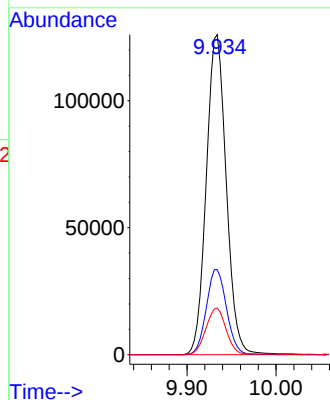
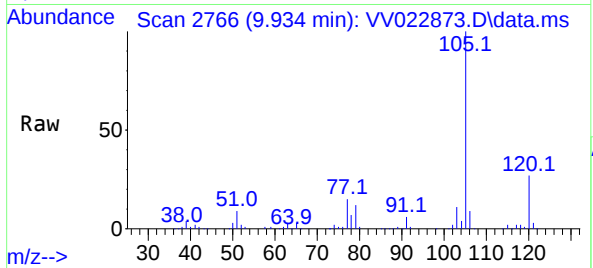




#60
Isopropylbenzene
Concen: 5.38 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

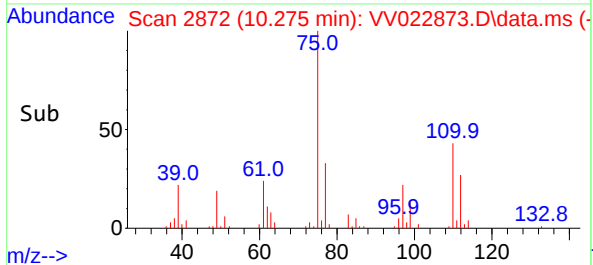
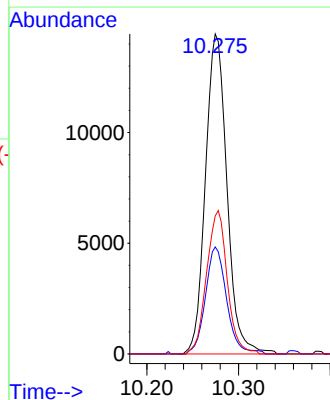
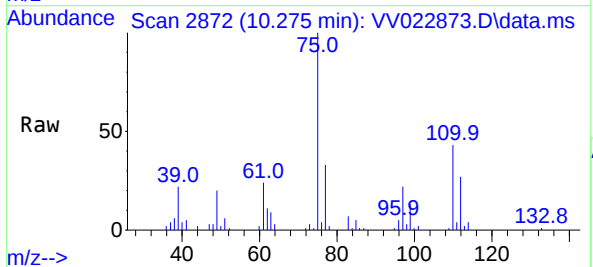
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

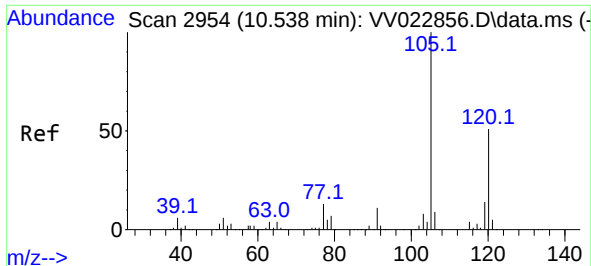
Tgt Ion:105 Resp: 195734
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 14.7 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.73 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion: 75 Resp: 23538
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2
110 43.2 34.2 51.4

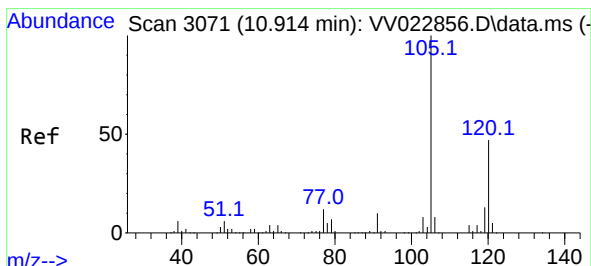
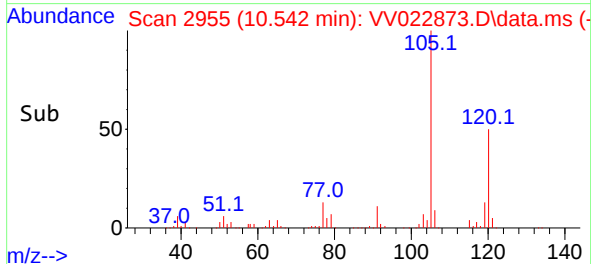
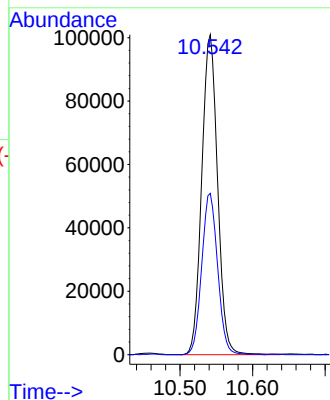
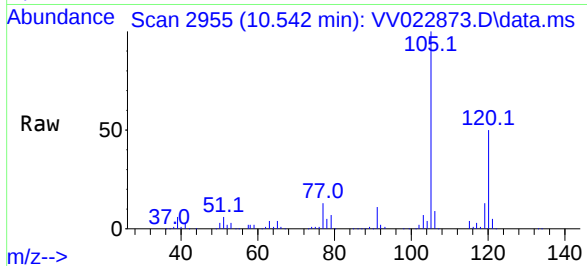




#62
1,3,5-Trimethylbenzene
Concen: 5.21 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

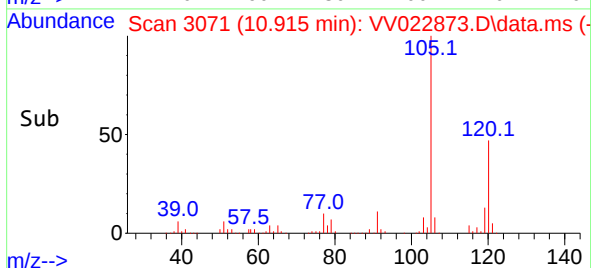
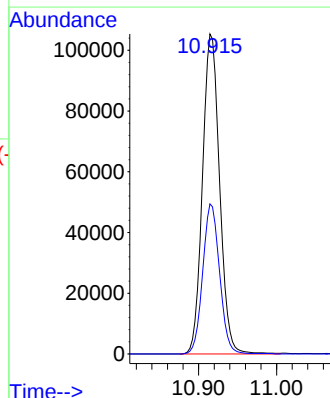
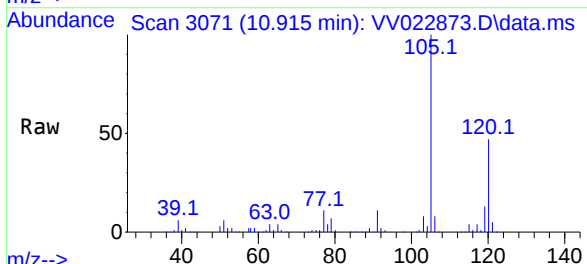
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

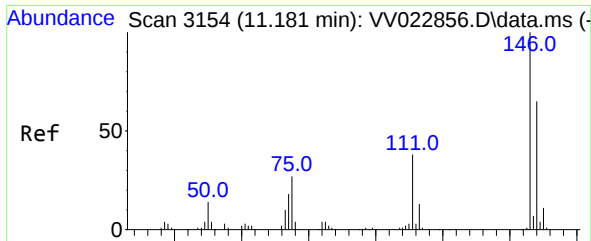
Tgt Ion:105 Resp: 153207
Ion Ratio Lower Upper
105 100
120 50.6 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.46 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:105 Resp: 160742
Ion Ratio Lower Upper
105 100
120 46.1 37.3 55.9

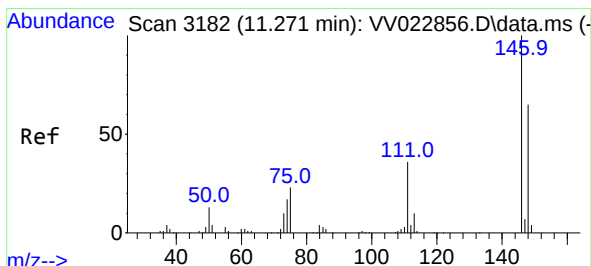
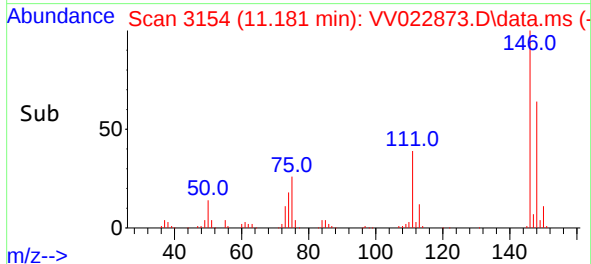
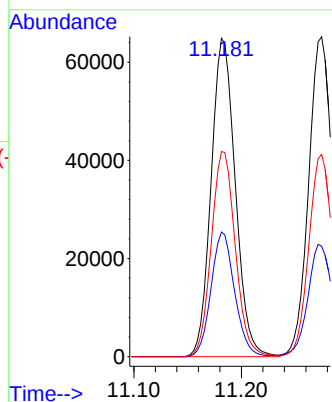
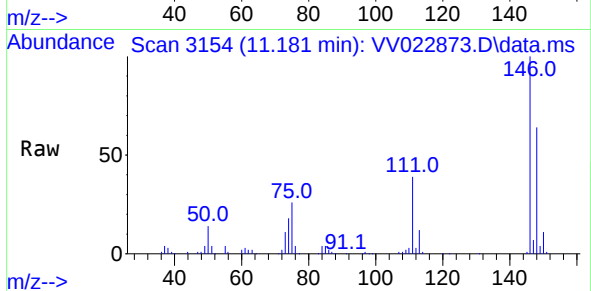




#64
1,3-Dichlorobenzene
Concen: 5.31 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

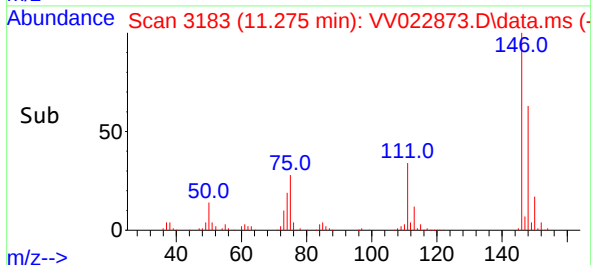
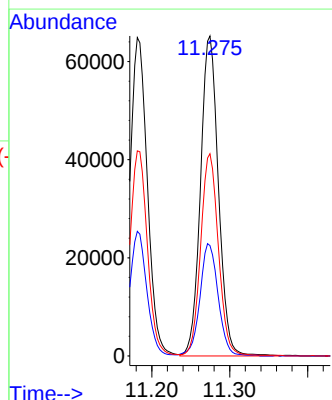
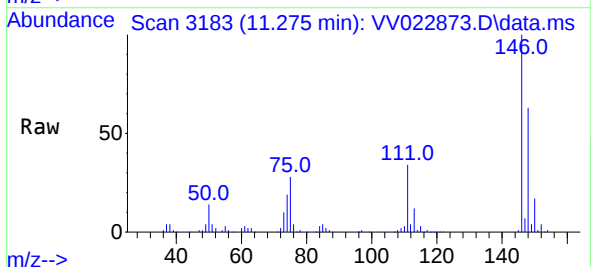
Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

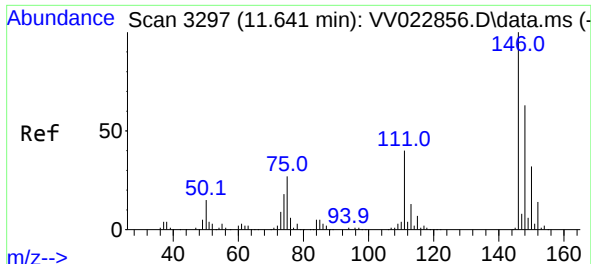
Tgt Ion:146 Resp: 101466
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.5
148 64.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.37 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

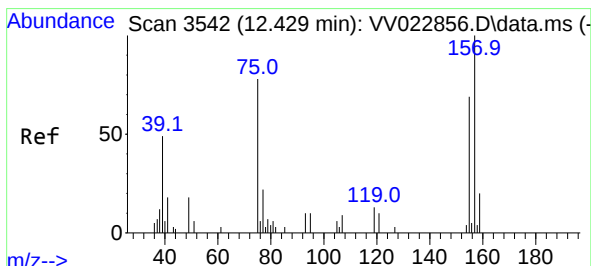
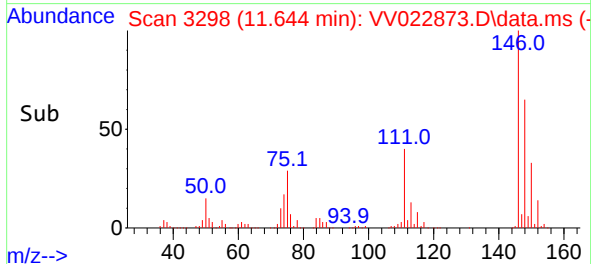
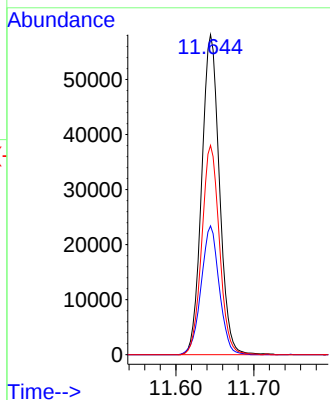
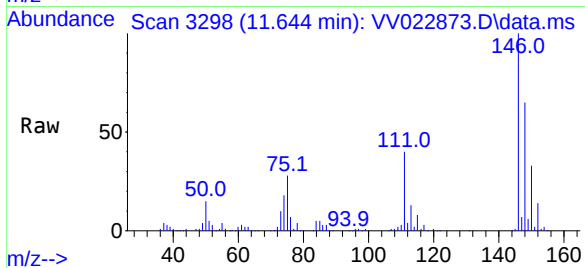
Tgt Ion:146 Resp: 104194
Ion Ratio Lower Upper
146 100
111 34.5 25.6 47.4
148 63.2 44.9 83.5





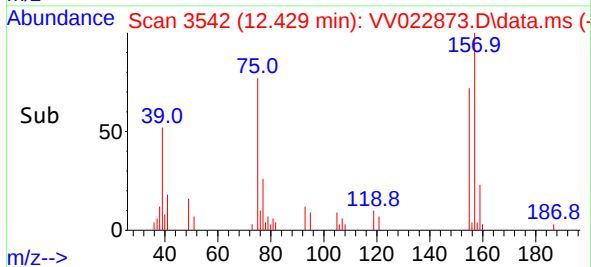
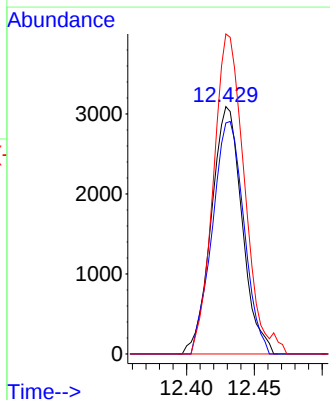
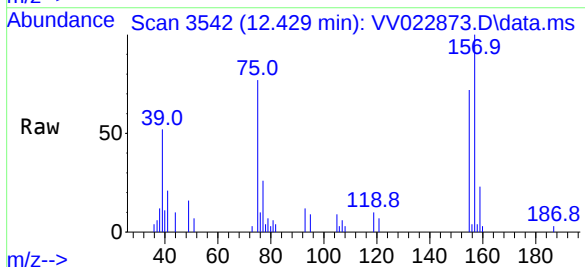
#67
1,2-Dichlorobenzene
Concen: 5.12 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

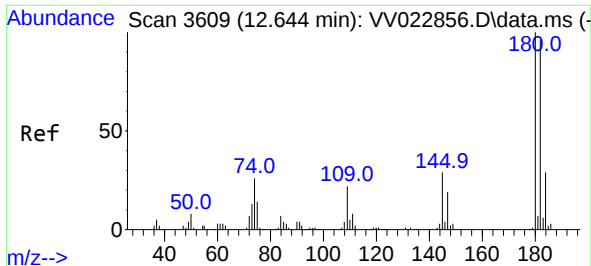
Tgt Ion:	146	Resp:	91817
Ion Ratio	Lower	Upper	
146	100		
111	40.3	32.3	48.5
148	65.4	52.1	78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.39 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:	75	Resp:	4888
Ion Ratio	Lower	Upper	
75	100		
155	93.4	82.4	123.6
157	129.3	114.1	171.1



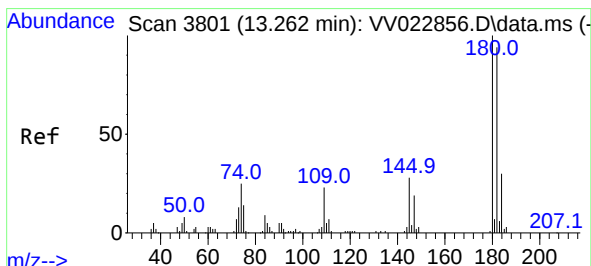
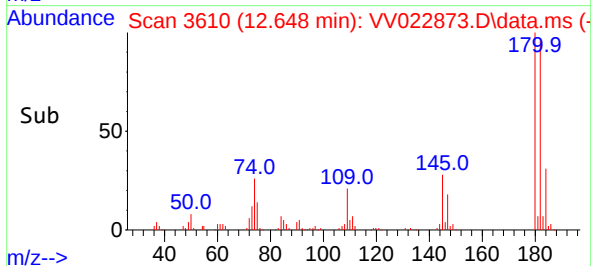
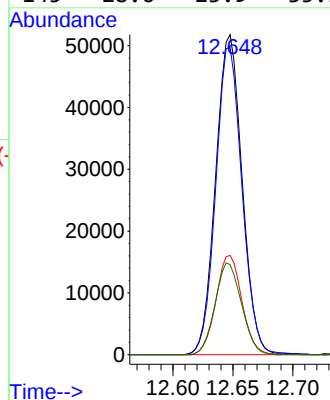
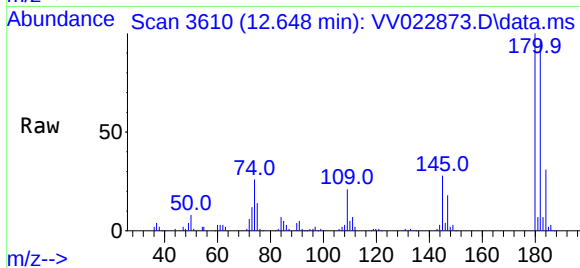


#69
1,3,5-Trichlorobenzene
Concen: 5.51 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

Tgt Ion:180 Resp: 79246

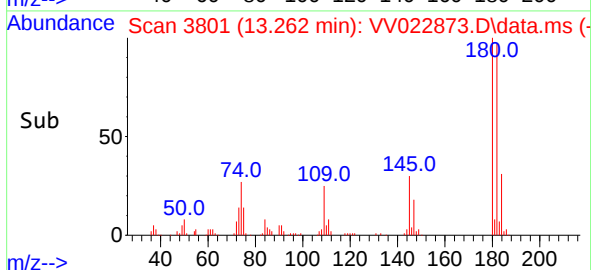
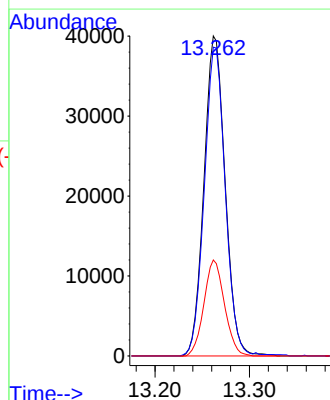
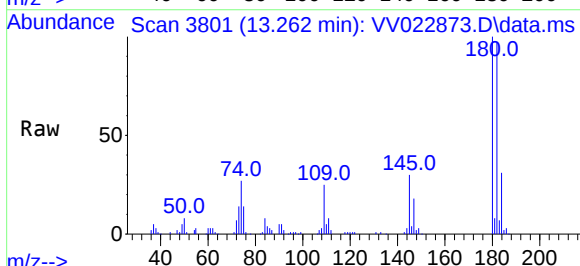
Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.6
184	30.4	24.5	36.7
145	28.6	23.9	35.9

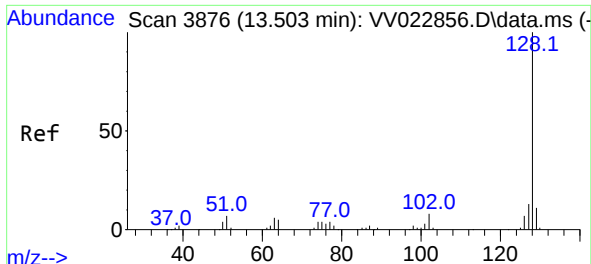


#70
1,2,4-trichlorobenzene
Concen: 5.65 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:180 Resp: 62128

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	29.1	24.1	36.1

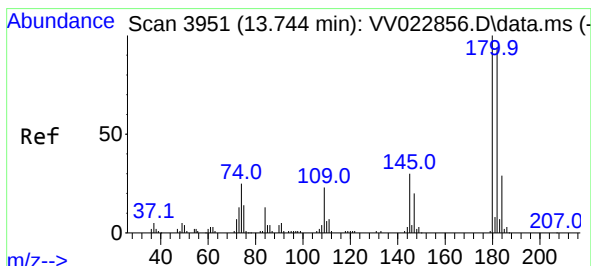
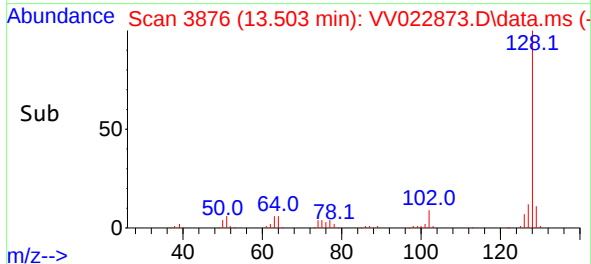
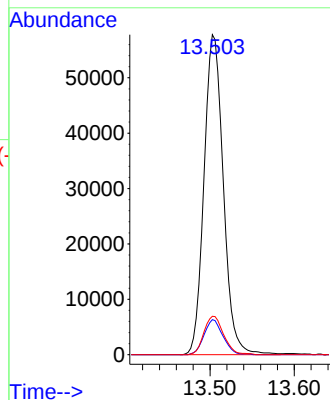
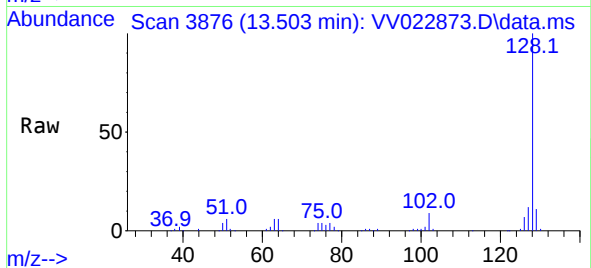




#71
Naphthalene
Concen: 5.28 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
YAT53MSD

Tgt Ion:128 Resp: 92345
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 12.3 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.46 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022873.D
Acq: 18 Oct 2021 17:51

Tgt Ion:180 Resp: 56617
Ion Ratio Lower Upper
180 100
182 93.9 75.5 113.3
145 31.0 24.7 37.1

