

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022872.D
 Acq On : 18 Oct 2021 17:27
 Operator : SY/MD
 Sample : M4246-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT53MS

Quant Time: Oct 19 01:45:24 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	5.622	114	124290	5.00	ug/L	0.01
28) Chlorobenzene-d5	8.854	117	126020	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73093	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35055	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.568	69	30043	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.111	63	64045	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.889	46	84278	37.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.18%
24) Chloroform-d	4.352	84	82148	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.037	65	41096	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.053	84	177718	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.072	67	55182	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.317	98	167873	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloroprop...	7.625	79	18055	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.088	63	85347	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	40603	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	64873	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45208	4.99	ug/L	99
3) Chloromethane	1.240	50	47806	5.25	ug/L	96
5) Vinyl chloride	1.310	62	48850	5.19	ug/L	98
6) Bromomethane	1.523	94	24185	4.12	ug/L	99
8) Chloroethane	1.584	64	24764	4.26	ug/L	98
9) Trichlorofluoromethane	1.754	101	67977	4.93	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	35552	4.44	ug/L	97
12) 1,1-Dichloroethene	2.118	96	32419	4.32	ug/L	91
13) Acetone	2.175	43	45291	36.22	ug/L #	44
14) Carbon disulfide	2.294	76	99338	4.71	ug/L	100
15) Methyl Acetate	2.439	43	10691	2.99	ug/L	97
16) Methylene chloride	2.507	84	36975	3.58	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	70786	3.90	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	38031	4.66	ug/L	93
19) 1,1-Dichloroethane	3.191	63	66625	4.53	ug/L	98
21) 2-Butanone	3.973	43	69092	33.75	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	40562	4.73	ug/L	90
23) Bromochloromethane	4.256	128	18453	4.84	ug/L	88
25) Chloroform	4.378	83	72491	4.25	ug/L	100

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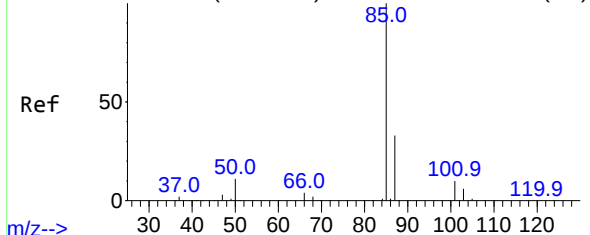
Instrument :
 MSVOA_V
 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42102	4.95	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	68959	4.79	ug/L	99
30) Cyclohexane	4.680	56	60194	4.53	ug/L	98
31) Carbon tetrachloride	4.831	117	64041	5.13	ug/L	99
33) Benzene	5.101	78	173937	5.12	ug/L	100
34) Trichloroethene	5.918	95	44457	4.82	ug/L	98
35) Methylcyclohexane	6.133	83	65365	5.05	ug/L	96
37) 1,2-Dichloropropane	6.175	63	42711	5.23	ug/L	98
38) Bromodichloromethane	6.513	83	53481	5.32	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	55281	5.12	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	206573	47.10	ug/L	99
42) Toluene	7.391	91	189950	5.51	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	47140	5.35	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	29766	4.91	ug/L	98
47) Tetrachloroethene	7.979	164	38828	5.20	ug/L	97
48) 2-Hexanone	8.140	43	149927	46.75	ug/L	97
49) Dibromochloromethane	8.249	129	36891	5.20	ug/L	92
50) 1,2-Dibromoethane	8.355	107	27989	4.95	ug/L	99
51) Chlorobenzene	8.883	112	121588	5.37	ug/L	99
52) Ethylbenzene	9.014	91	188763	5.40	ug/L	98
53) m,p-xylene	9.140	106	76429	5.57	ug/L	99
54) o-xylene	9.545	106	72531	5.62	ug/L	94
55) Styrene	9.561	104	126914	5.70	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	34056	5.56	ug/L	99
59) Bromoform	9.735	173	20092	4.91	ug/L	98
60) Isopropylbenzene	9.934	105	191861	5.17	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	23169	4.56	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	154648	5.16	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	159568	5.32	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	101943	5.23	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	102509	5.18	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	94445	5.17	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4821	5.22	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	79930	5.45	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	62355	5.56	ug/L	99
71) Naphthalene	13.503	128	88157	4.95	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	56304	5.33	ug/L	99

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

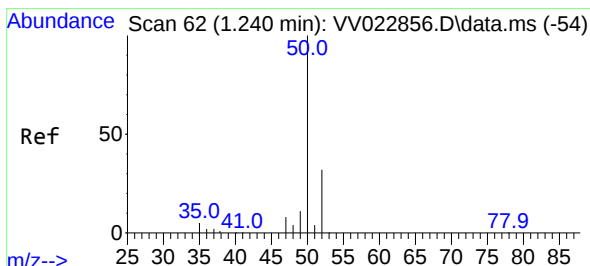
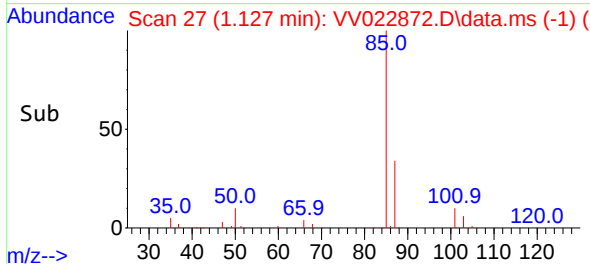
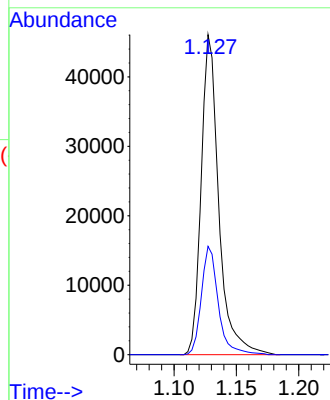
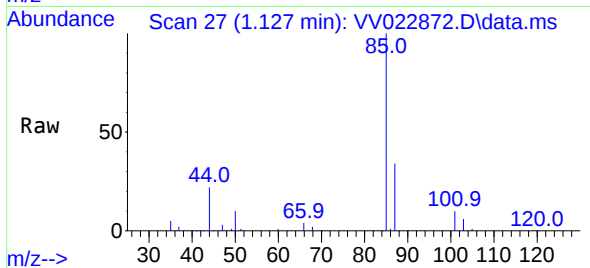
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#2
Dichlorodifluoromethane
Concen: 4.99 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

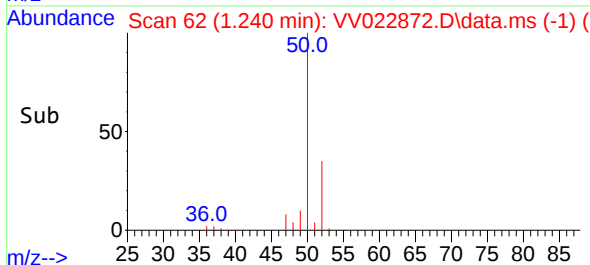
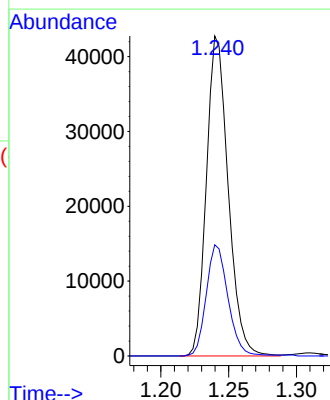
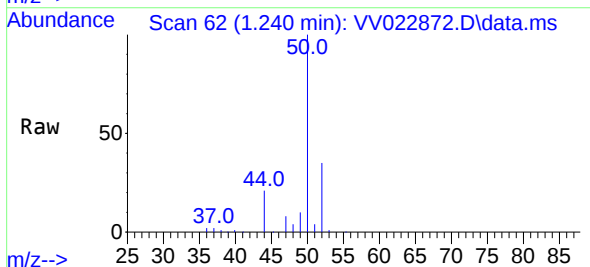
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Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5

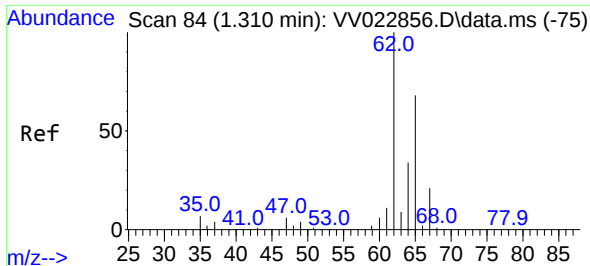
Instrument :
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#3
Chloromethane
Concen: 5.25 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 50 Resp: 47806
Ion Ratio Lower Upper
50 100
52 34.8 22.9 42.5

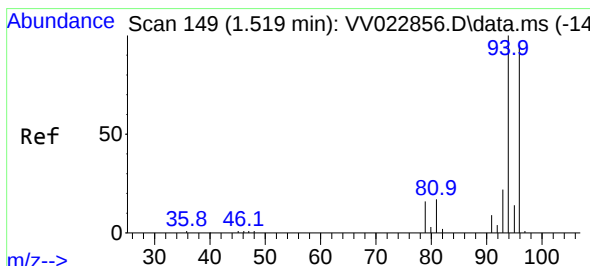
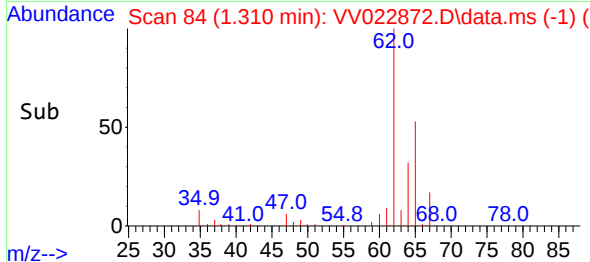
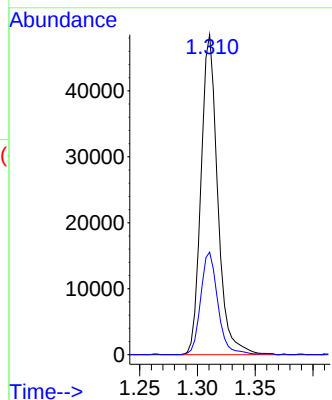
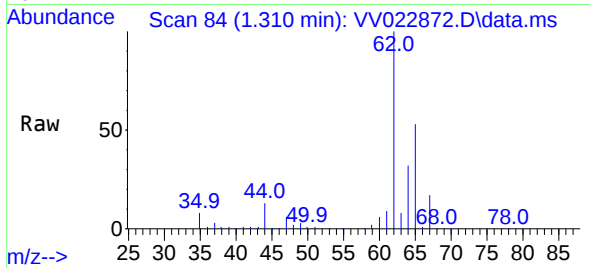




#5
 Vinyl chloride
 Concen: 5.19 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022872.D
 Acq: 18 Oct 2021 17:27

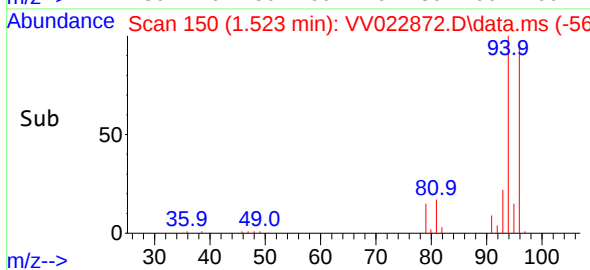
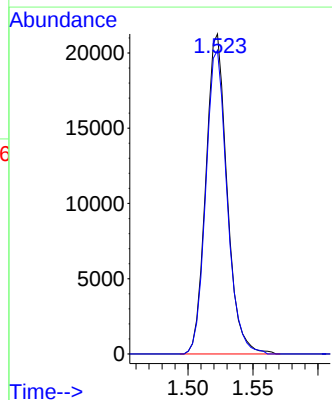
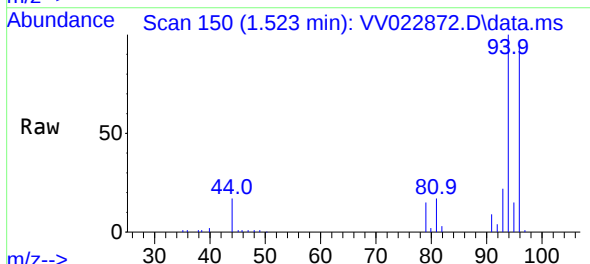
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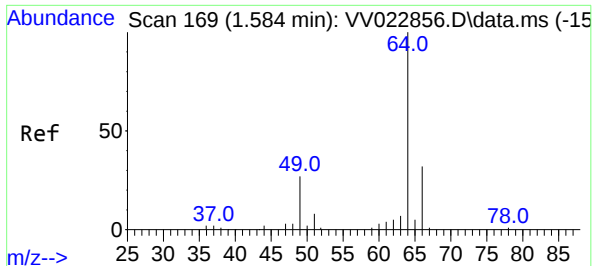
Tgt Ion: 62 Resp: 48850
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.0 42.8



#6
 Bromomethane
 Concen: 4.12 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV022872.D
 Acq: 18 Oct 2021 17:27

Tgt Ion: 94 Resp: 24185
 Ion Ratio Lower Upper
 94 100
 96 94.9 67.2 124.8

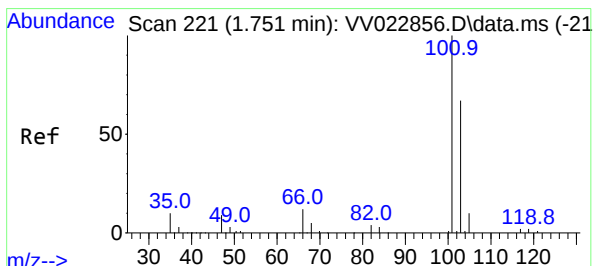
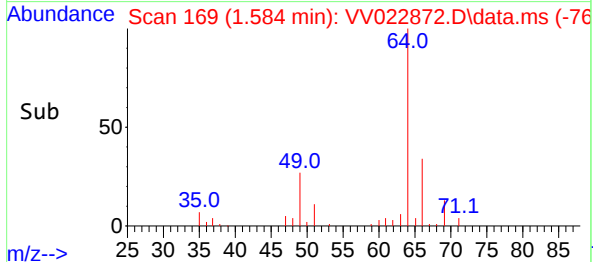
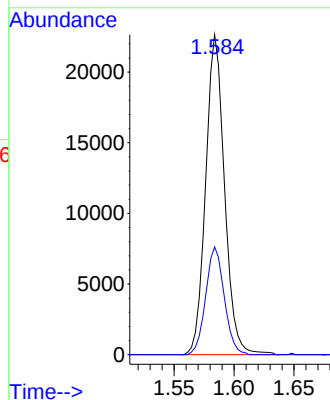
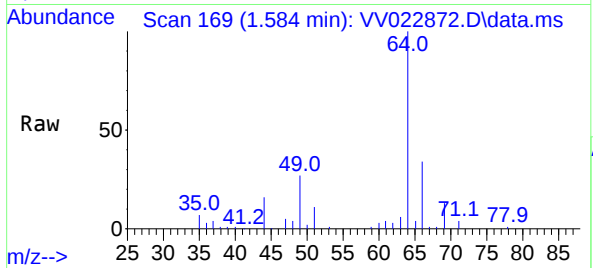




#8
Chloroethane
Concen: 4.26 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

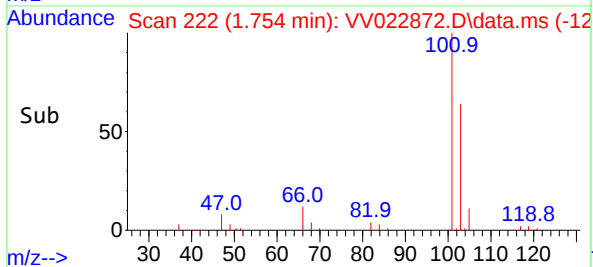
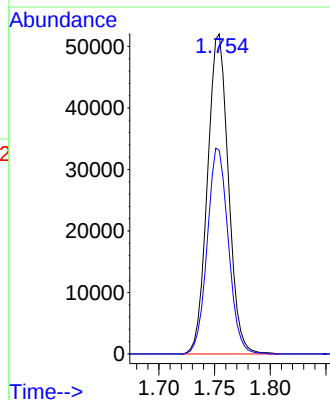
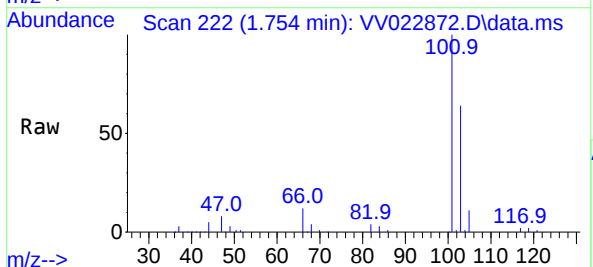
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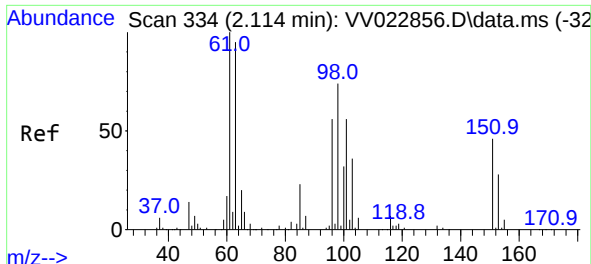
Tgt Ion: 64 Resp: 24764
Ion Ratio Lower Upper
64 100
66 33.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.93 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion:101 Resp: 67977
Ion Ratio Lower Upper
101 100
103 64.8 50.3 75.5

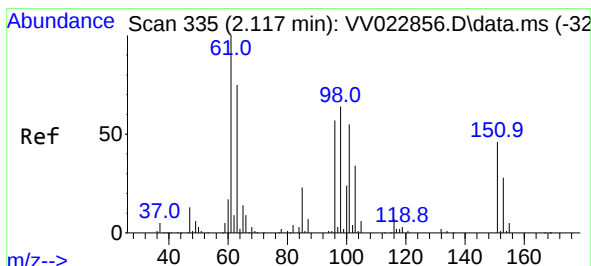
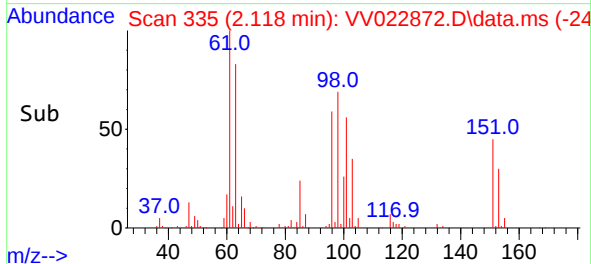
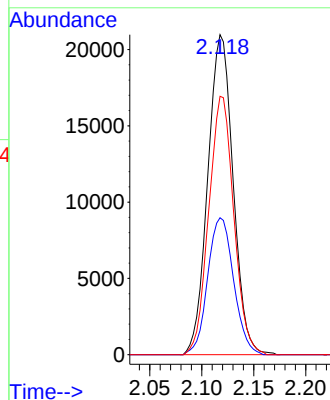
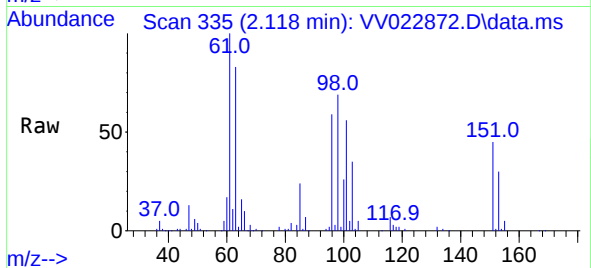




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.44 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

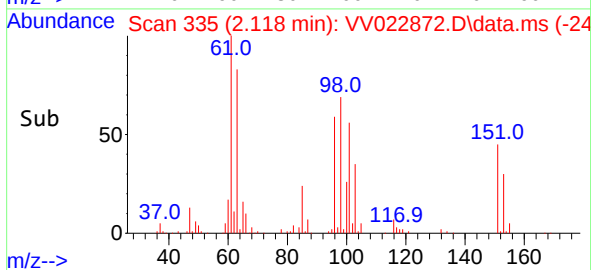
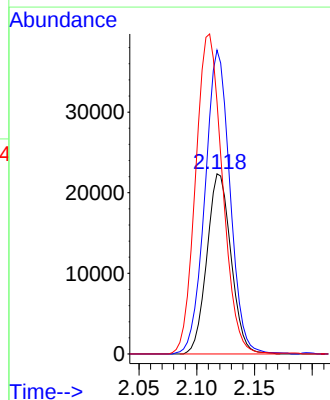
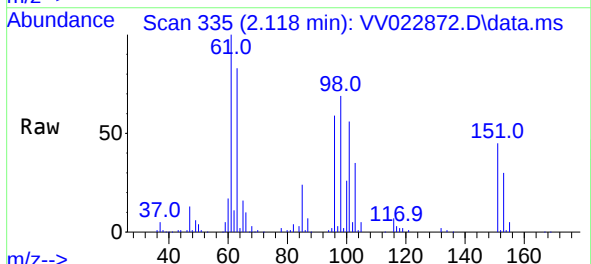
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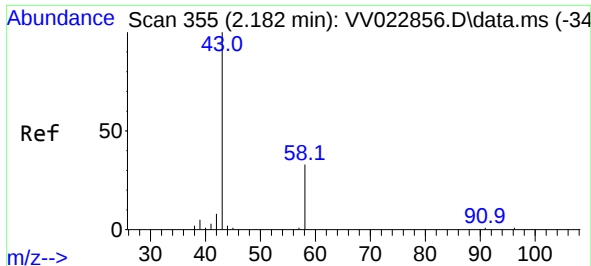
Tgt Ion:101 Resp: 35552
Ion Ratio Lower Upper
101 100
85 43.9 34.6 52.0
151 79.9 60.9 91.3



#12
1,1-Dichloroethene
Concen: 4.32 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 96 Resp: 32419
Ion Ratio Lower Upper
96 100
61 168.6 127.3 236.5
63 139.9 106.2 197.2

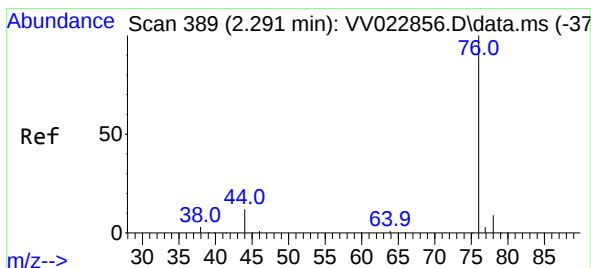
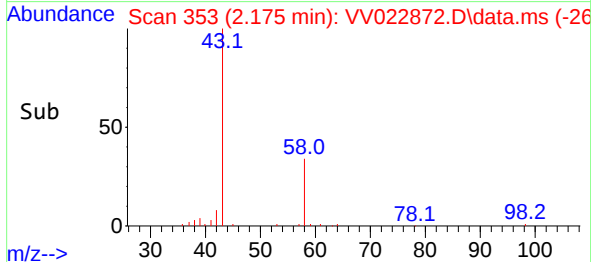
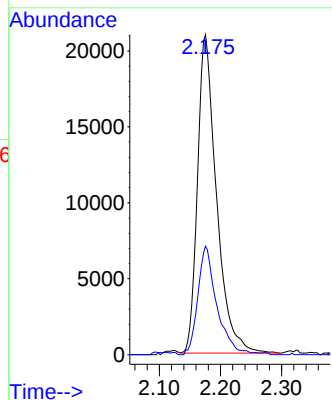
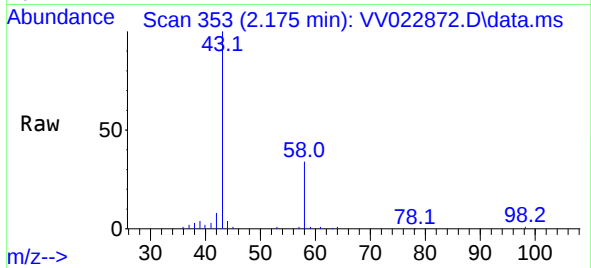




#13
Acetone
Concen: 36.22 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.006 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

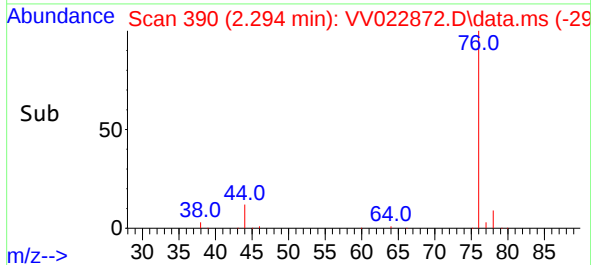
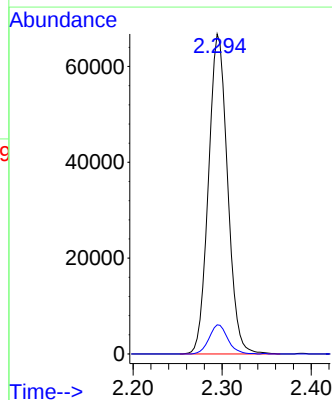
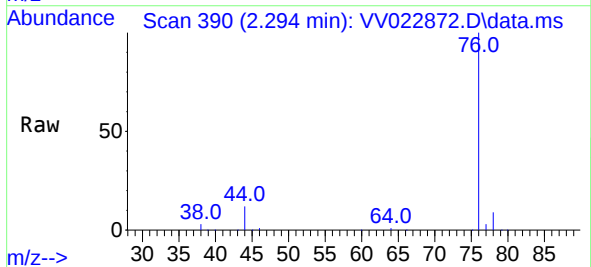
Instrument :
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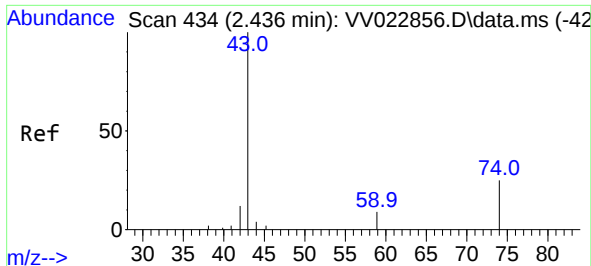
Tgt Ion: 43 Resp: 45291
Ion Ratio Lower Upper
43 100
58 33.8 0.0 24.2#



#14
Carbon disulfide
Concen: 4.71 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 76 Resp: 99338
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

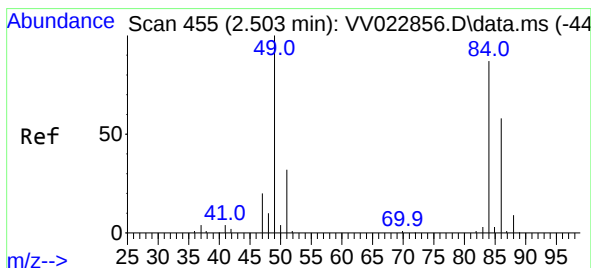
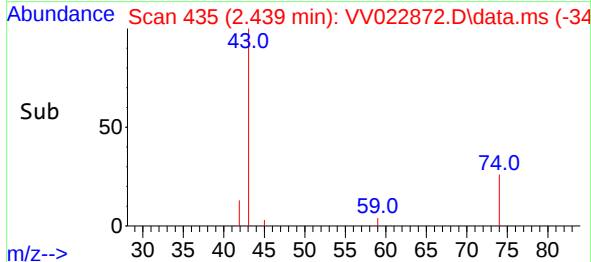
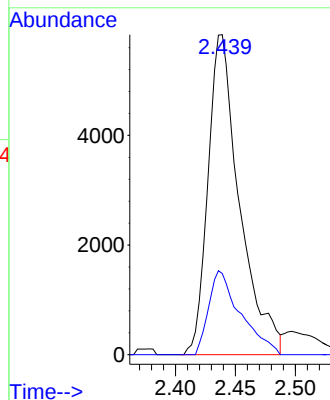
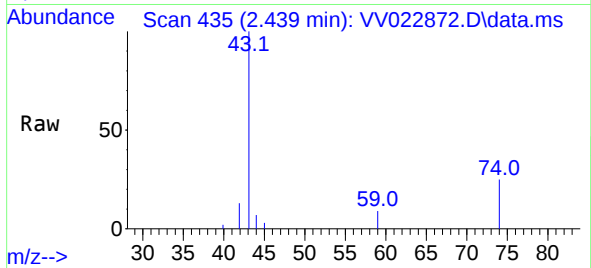




#15
Methyl Acetate
Concen: 2.99 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

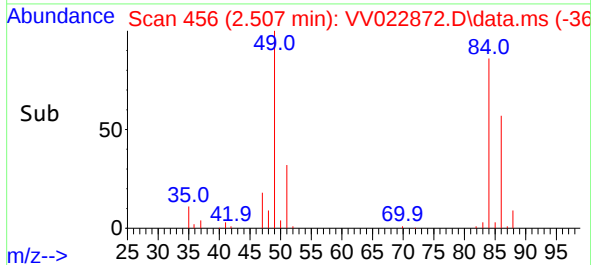
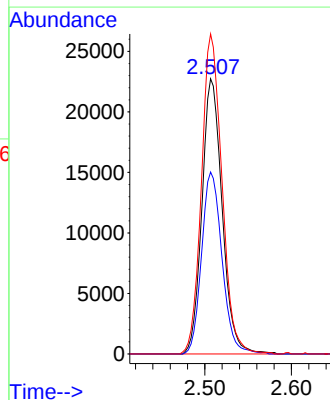
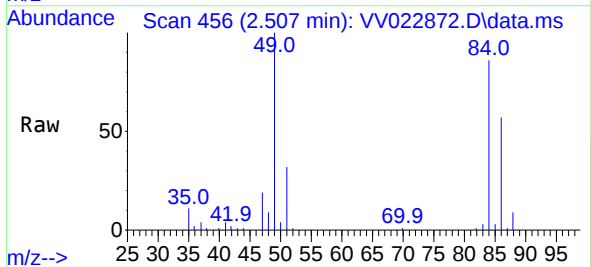
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

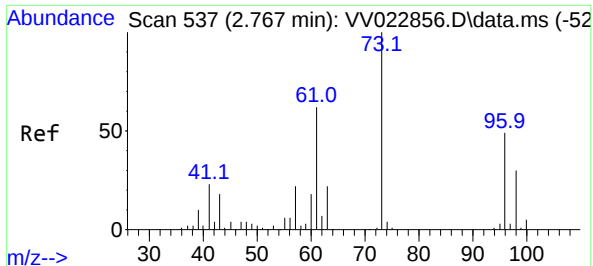
Tgt Ion: 43 Resp: 10691
Ion Ratio Lower Upper
43 100
74 26.5 19.9 29.9



#16
Methylene chloride
Concen: 3.58 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 84 Resp: 36975
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.2
49 116.3 90.3 167.7



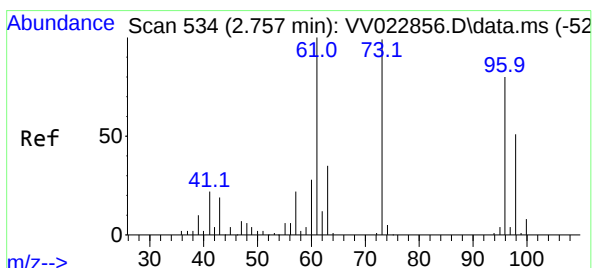
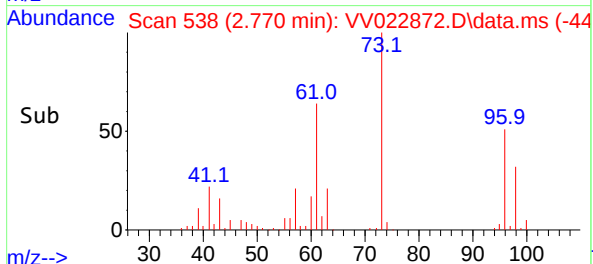
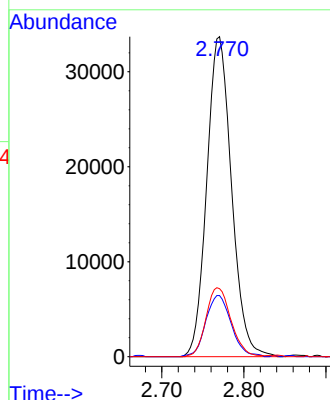
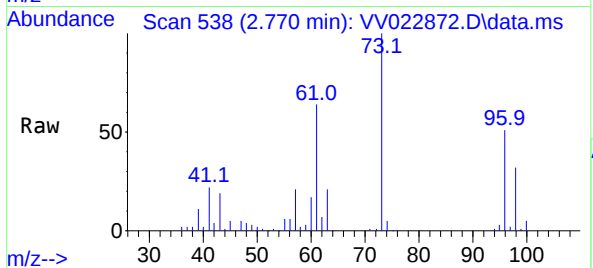


#17
Methyl tert-butyl Ether
Concen: 3.90 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

Tgt Ion: 73 Resp: 70786

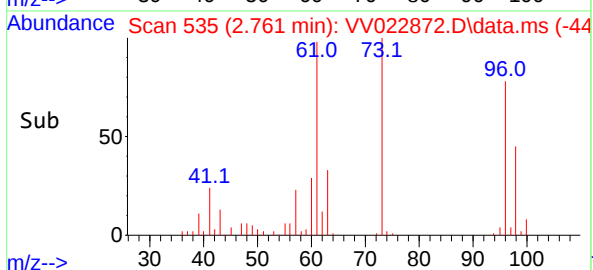
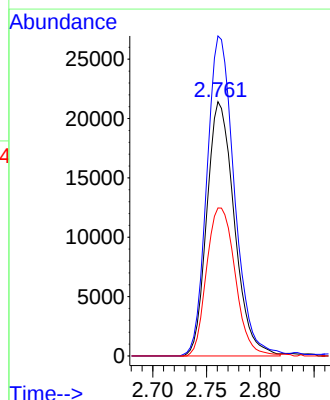
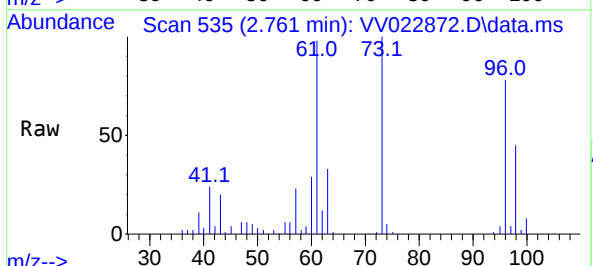
Ion	Ratio	Lower	Upper
73	100		
43	19.7	17.1	25.7
57	21.7	17.2	25.8

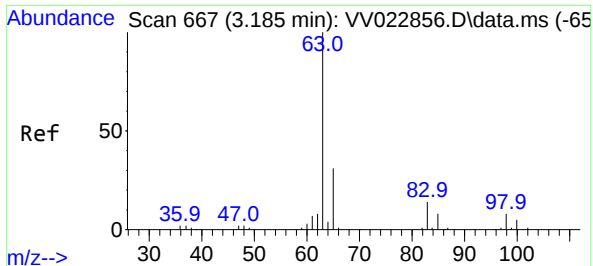


#18
trans-1,2-Dichloroethene
Concen: 4.66 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 96 Resp: 38031

Ion	Ratio	Lower	Upper
96	100		
61	125.9	94.5	175.5
98	58.2	44.2	82.0



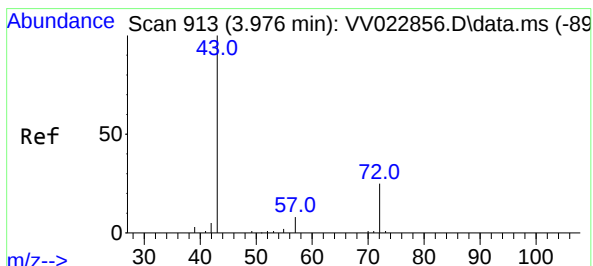
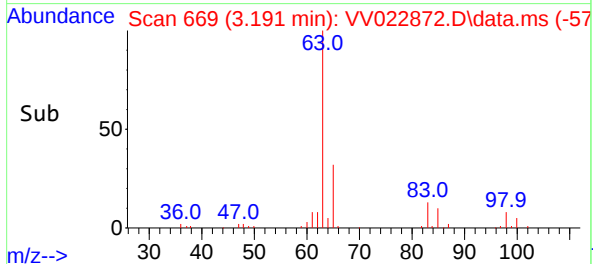
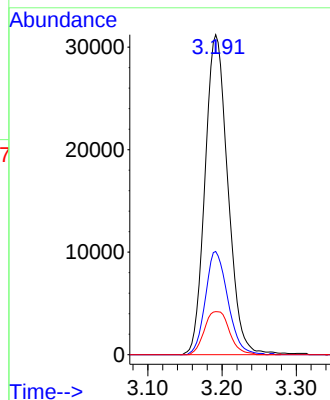
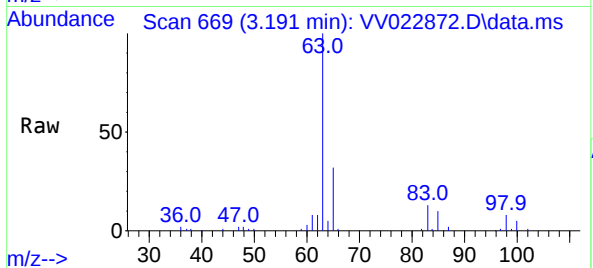


#19
1,1-Dichloroethane
Concen: 4.53 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

Tgt Ion: 63 Resp: 66625

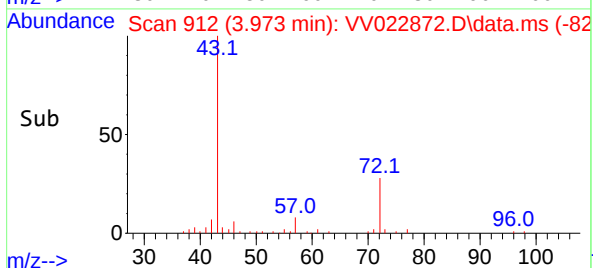
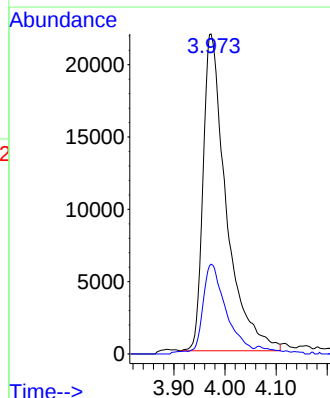
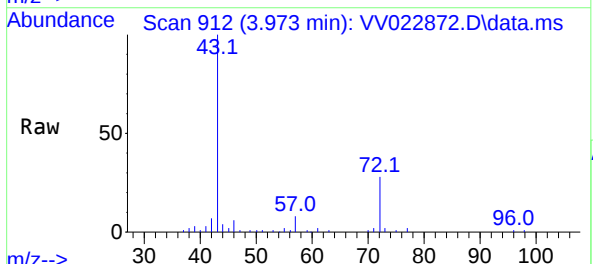
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.5	43.7
83	13.4	10.1	18.7

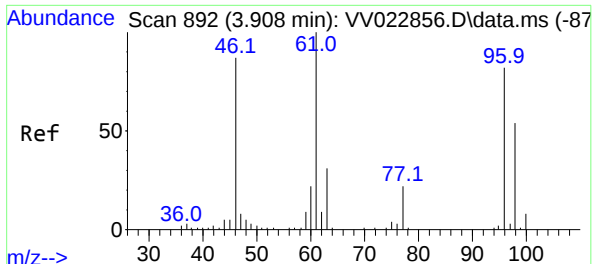


#21
2-Butanone
Concen: 33.75 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 43 Resp: 69092

Ion	Ratio	Lower	Upper
43	100		
72	27.2	12.3	36.8

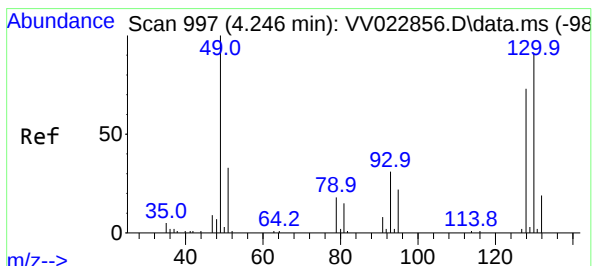
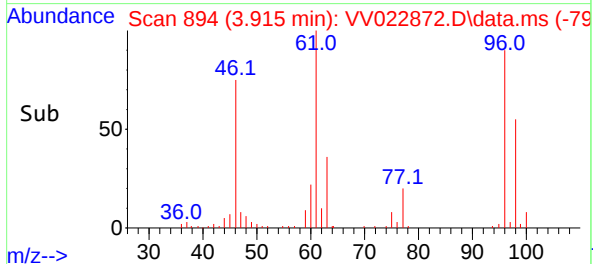
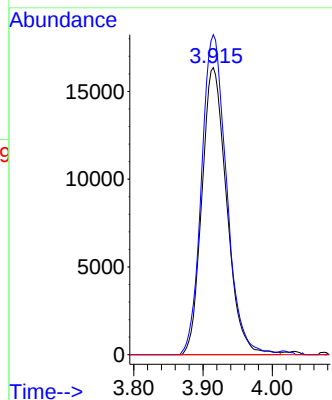
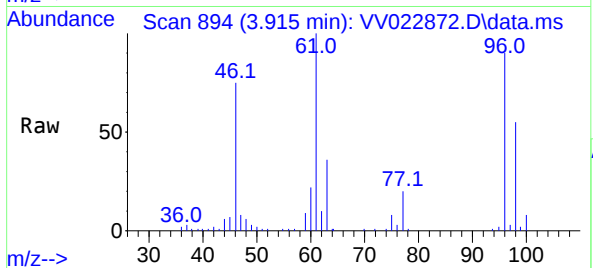




#22
cis-1,2-Dichloroethene
Concen: 4.73 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

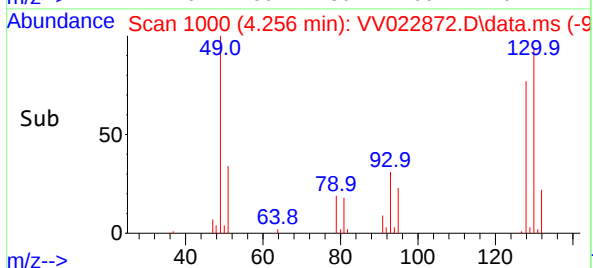
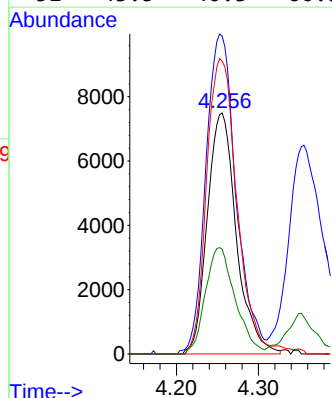
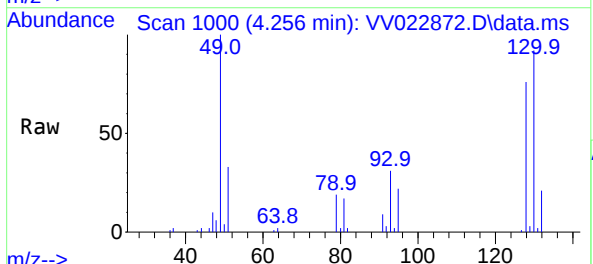
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

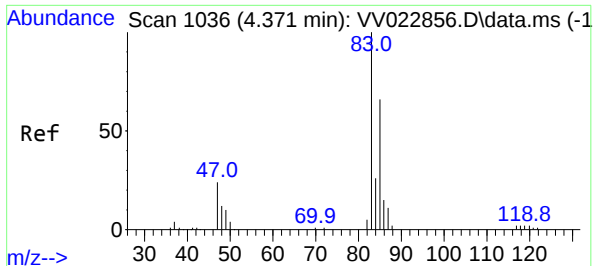
Tgt Ion: 96 Resp: 40562
Ion Ratio Lower Upper
96 100
61 111.5 86.0 159.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.84 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.010 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 128 Resp: 18453
Ion Ratio Lower Upper
128 100
49 132.0 106.9 198.5
130 121.6 91.9 170.7
51 43.5 40.3 60.5



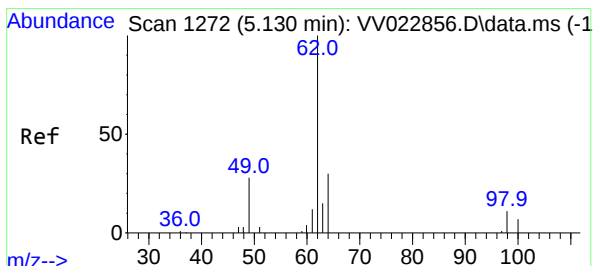
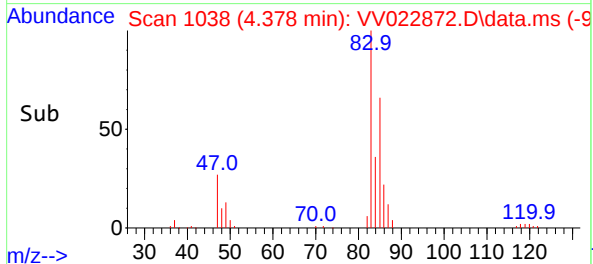
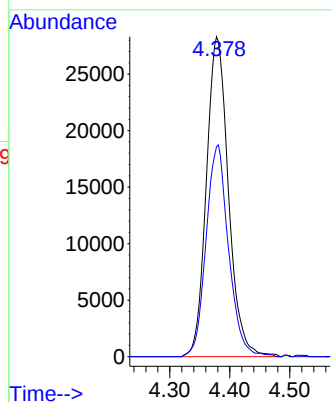
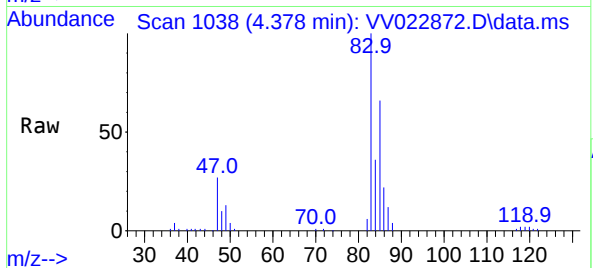


#25

Chloroform
Concen: 4.25 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

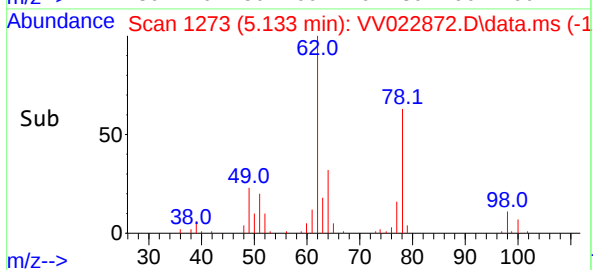
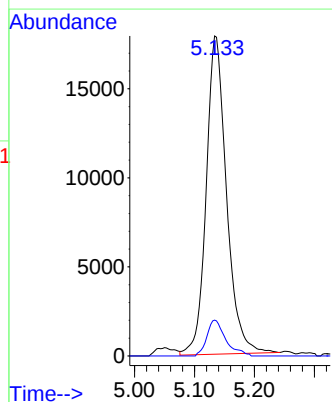
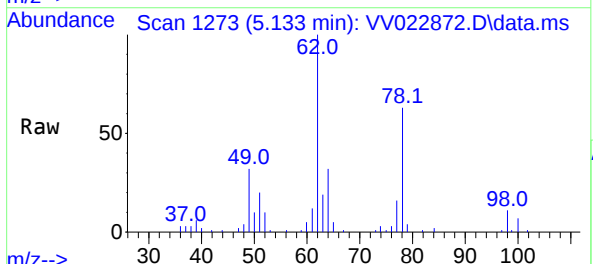
Tgt Ion: 83 Resp: 72491
Ion Ratio Lower Upper
83 100
85 65.6 45.7 84.9

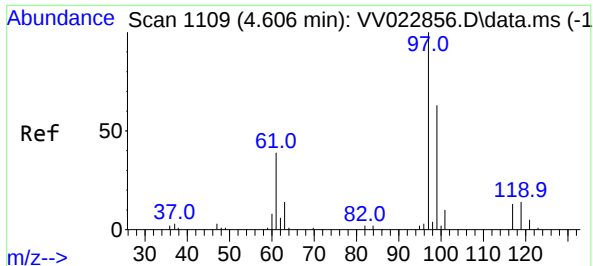


#27

1,2-Dichloroethane
Concen: 4.95 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 62 Resp: 42102
Ion Ratio Lower Upper
62 100
98 11.2 9.7 14.5



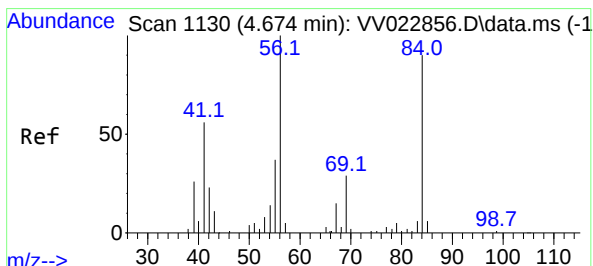
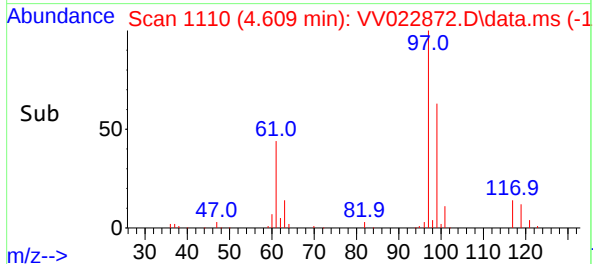
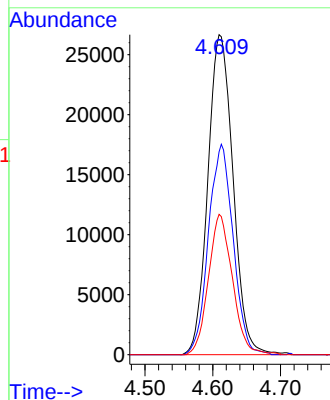
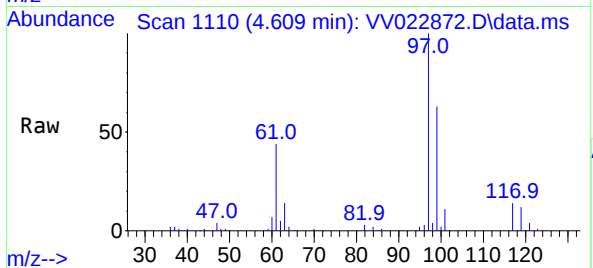


#29
1,1,1-Trichloroethane
Concen: 4.79 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

Tgt Ion: 97 Resp: 68959

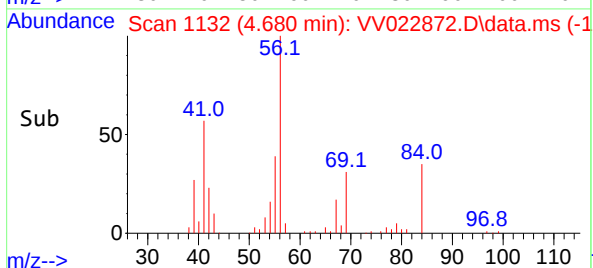
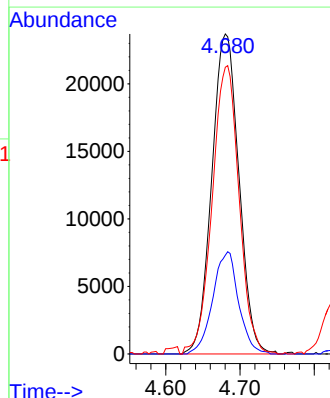
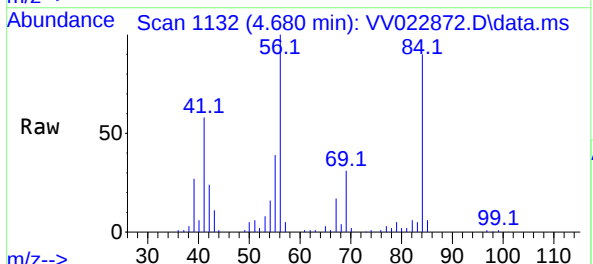
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	41.8	33.2	49.8

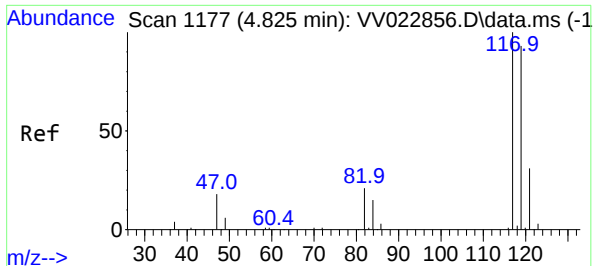


#30
Cyclohexane
Concen: 4.53 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 56 Resp: 60194

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.9	37.3
84	89.0	72.5	108.7

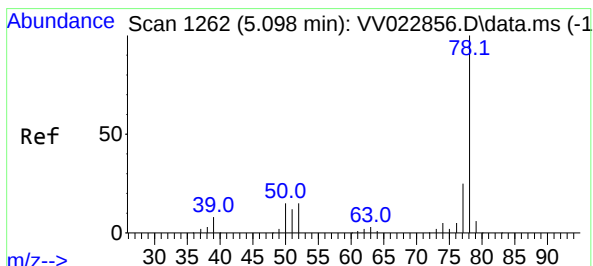
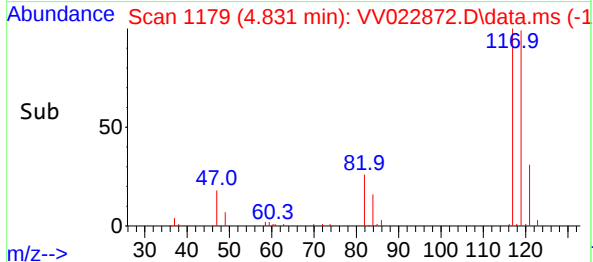
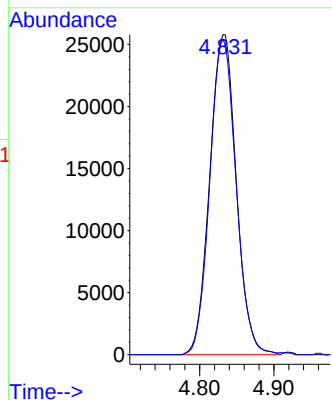
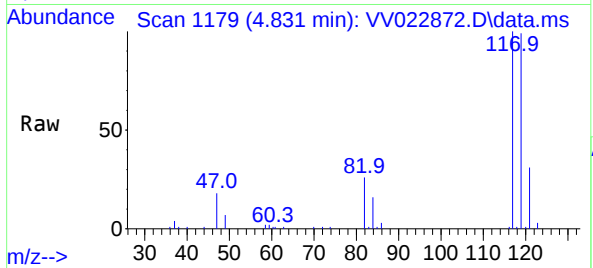




#31
Carbon tetrachloride
Concen: 5.13 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

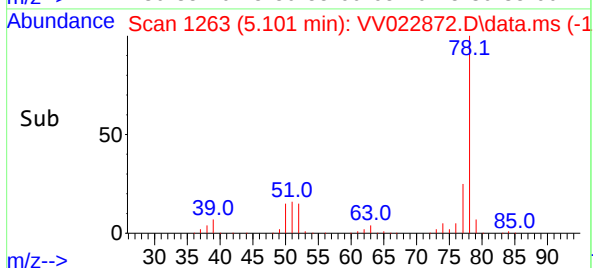
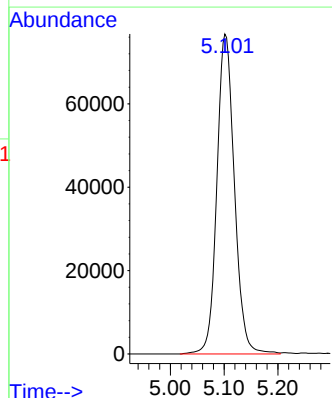
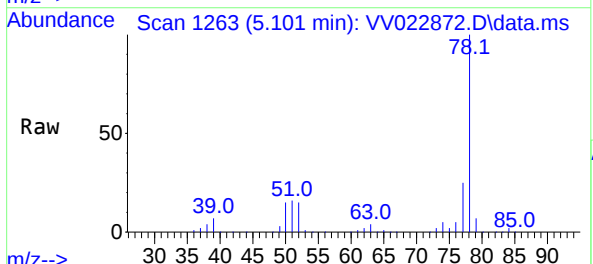
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

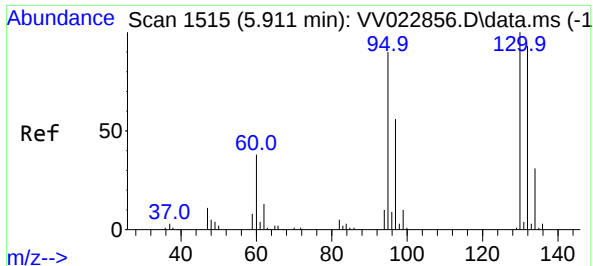
Tgt Ion:117 Resp: 64041
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0



#33
Benzene
Concen: 5.12 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 78 Resp: 173937



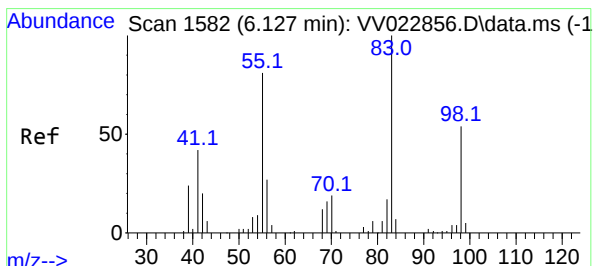
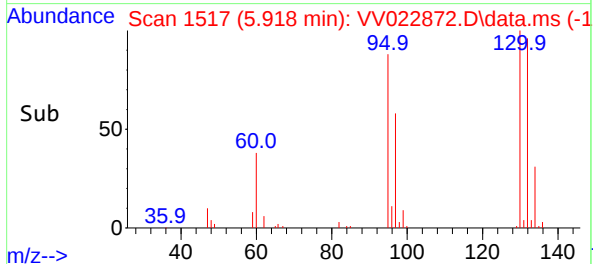
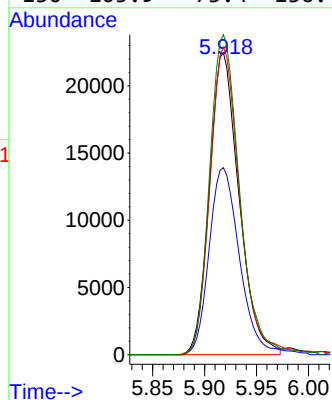
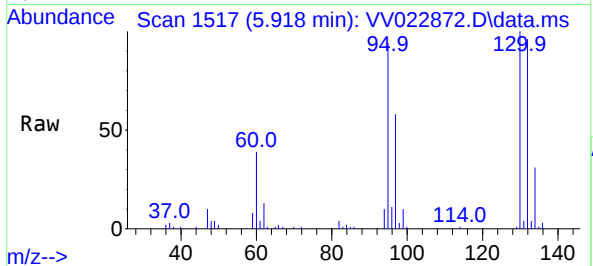


#34
Trichloroethene
Concen: 4.82 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

Tgt Ion: 95 Resp: 44457

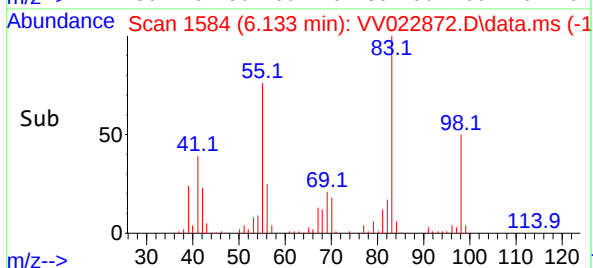
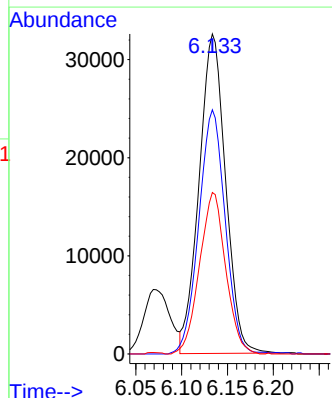
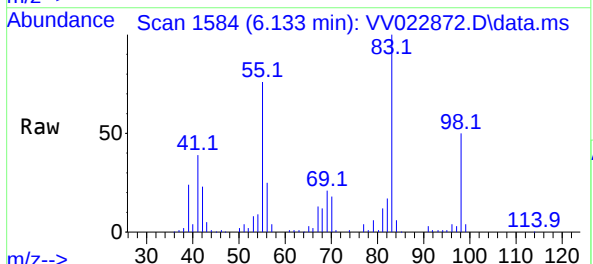
Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.8	85.2
132	101.8	72.2	134.0
130	105.9	73.4	136.4

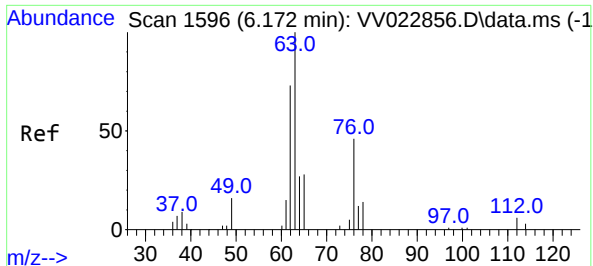


#35
Methylcyclohexane
Concen: 5.05 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 83 Resp: 65365

Ion	Ratio	Lower	Upper
83	100		
55	76.2	63.8	95.6
98	50.1	42.1	63.1

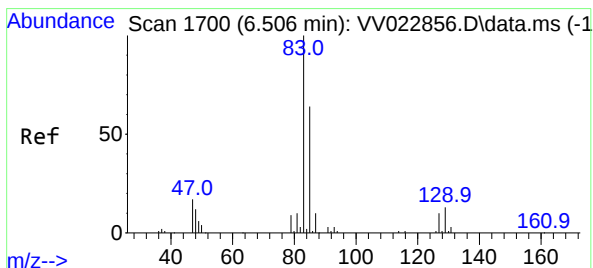
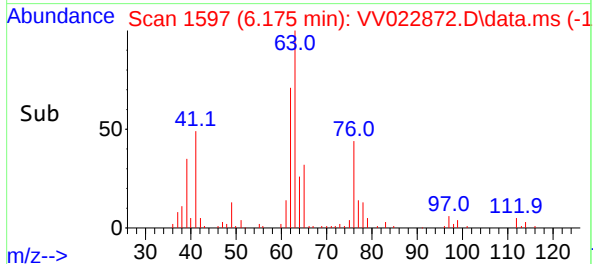
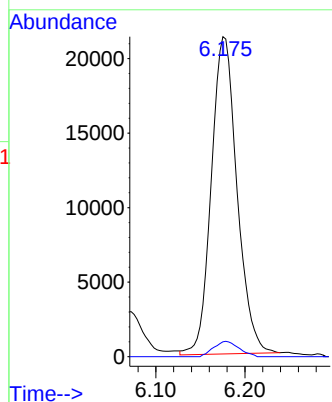
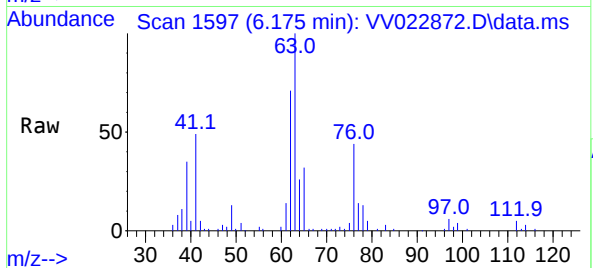




#37
1,2-Dichloropropane
Concen: 5.23 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

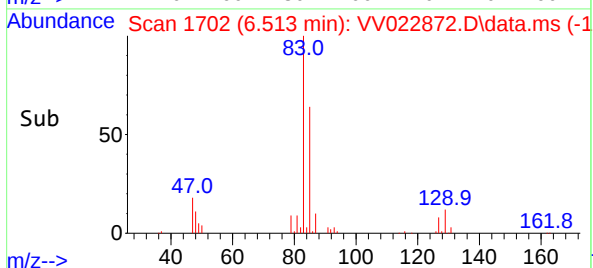
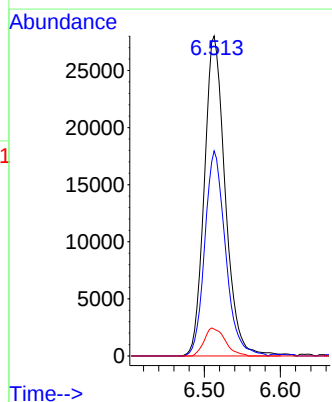
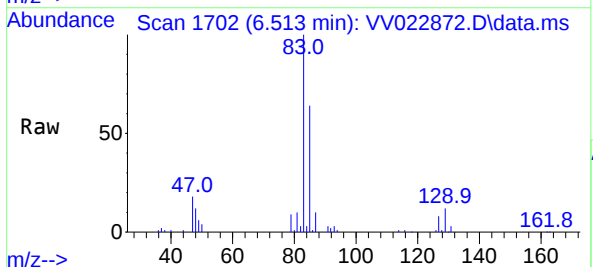
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

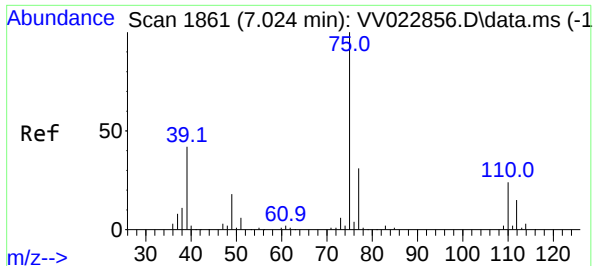
Tgt Ion: 63 Resp: 42711
Ion Ratio Lower Upper
63 100
112 4.8 4.4 6.6



#38
Bromodichloromethane
Concen: 5.32 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 83 Resp: 53481
Ion Ratio Lower Upper
83 100
85 64.1 44.3 82.3
127 8.4 7.7 11.5

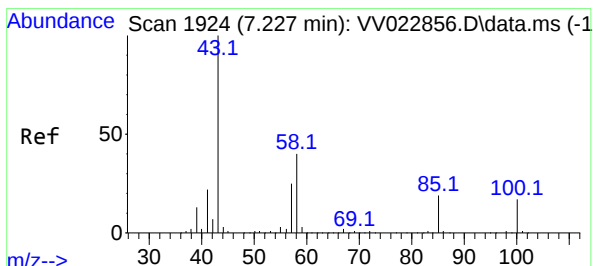
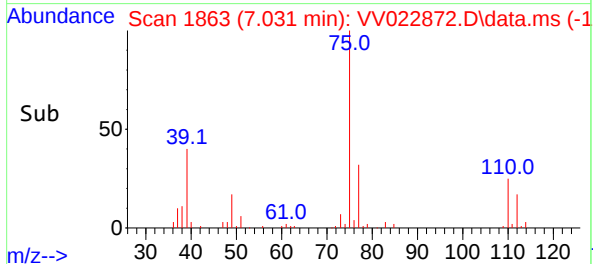
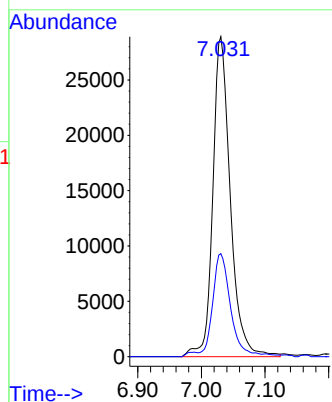
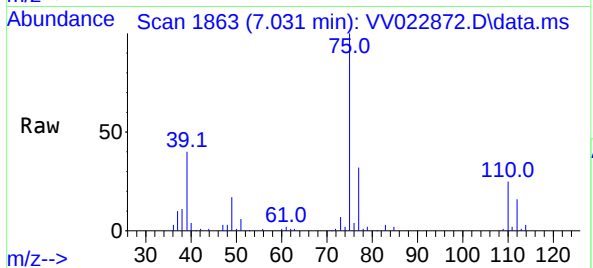




#39
 cis-1,3-Dichloropropene
 Concen: 5.12 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.007 min
 Lab File: VV022872.D
 Acq: 18 Oct 2021 17:27

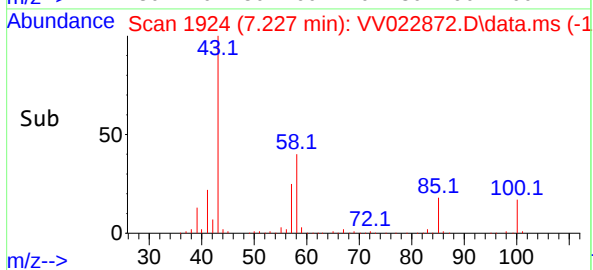
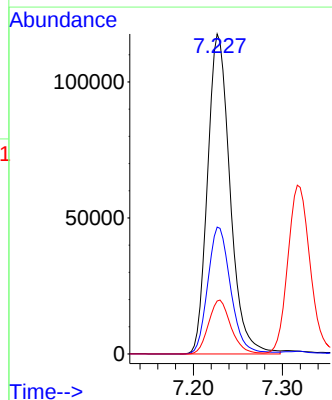
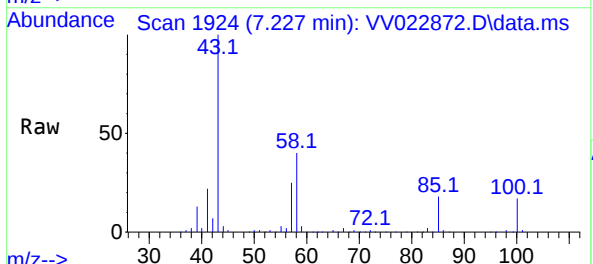
Instrument :
 MSVOA_V
 ClientSampleId :
 YAT53MS

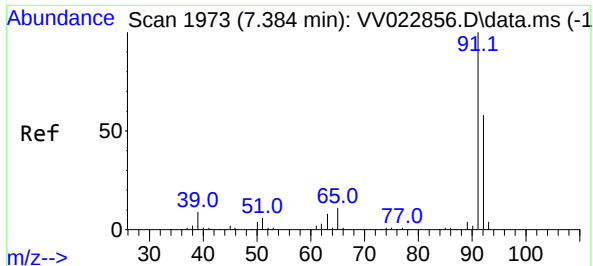
Tgt Ion: 75 Resp: 55281
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 47.10 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV022872.D
 Acq: 18 Oct 2021 17:27

Tgt Ion: 43 Resp: 206573
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.0 48.0
 100 16.7 14.2 21.2





#42

Toluene

Concen: 5.51 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.007 min

Lab File: VV022872.D

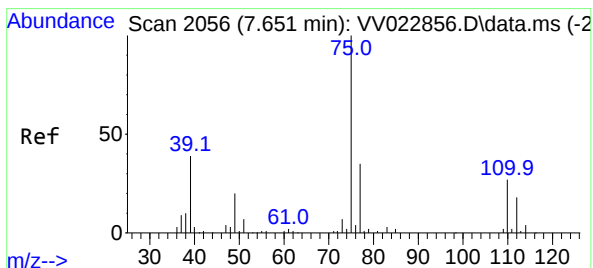
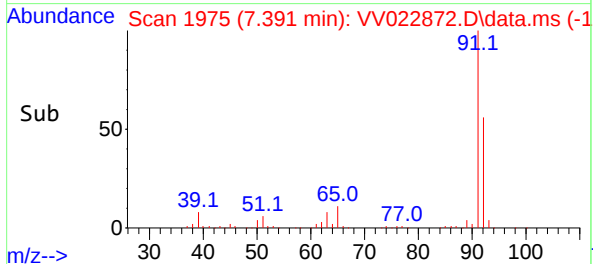
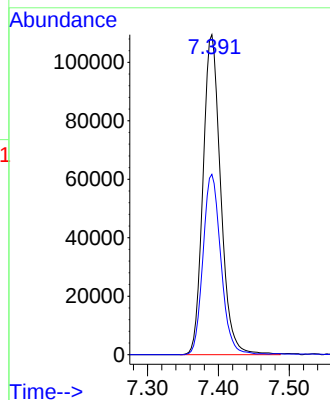
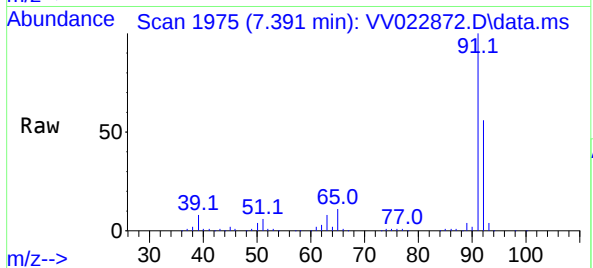
Acq: 18 Oct 2021 17:27

Tgt Ion: 91 Resp: 189950

Ion Ratio Lower Upper

91 100

92 56.4 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.35 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022872.D

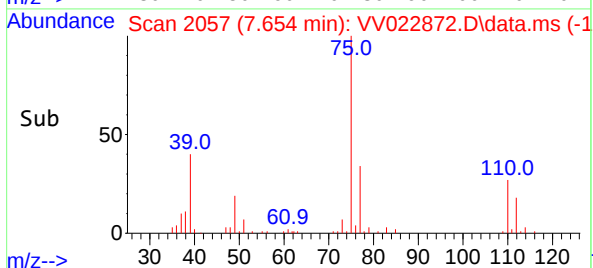
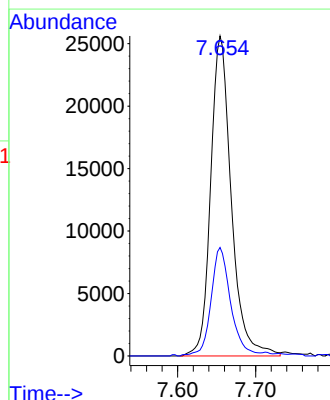
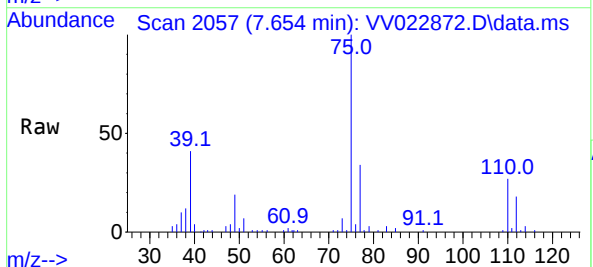
Acq: 18 Oct 2021 17:27

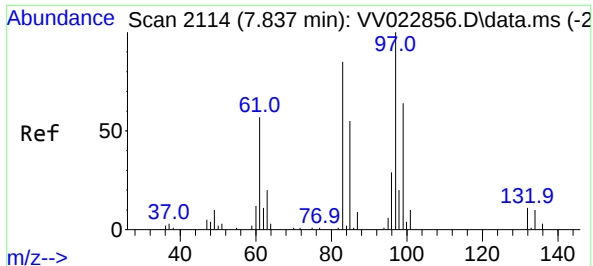
Tgt Ion: 75 Resp: 47140

Ion Ratio Lower Upper

75 100

77 33.9 23.9 44.5



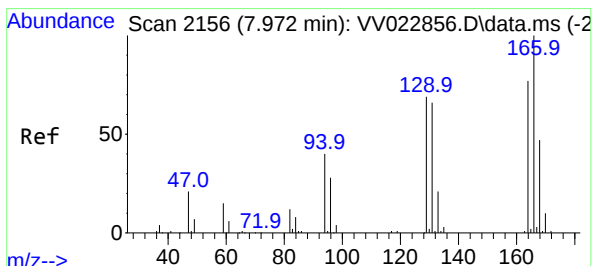
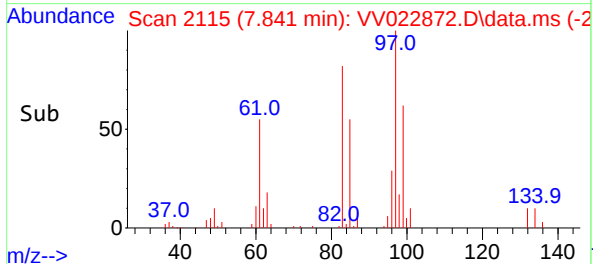
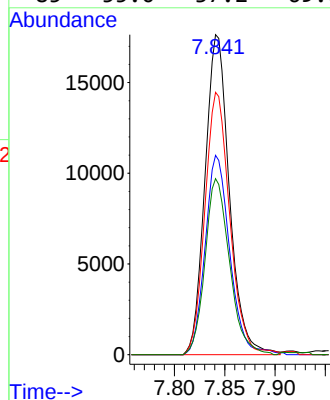
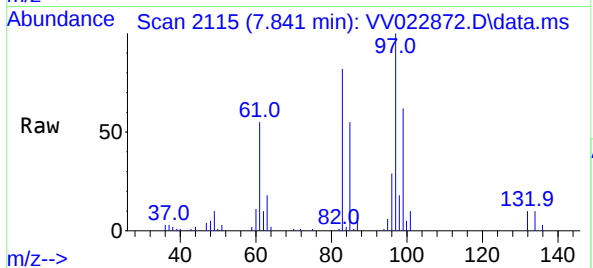


#45
1,1,2-Trichloroethane
Concen: 4.91 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

Tgt Ion: 97 Resp: 29766

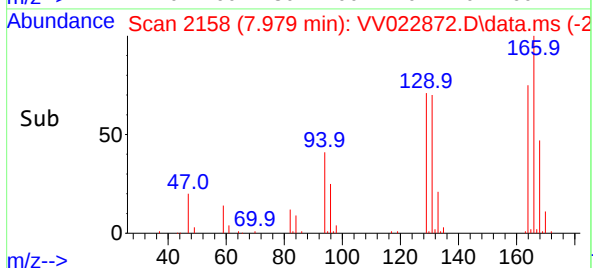
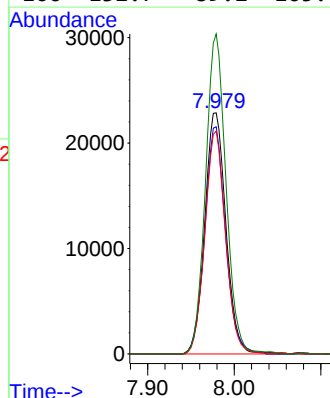
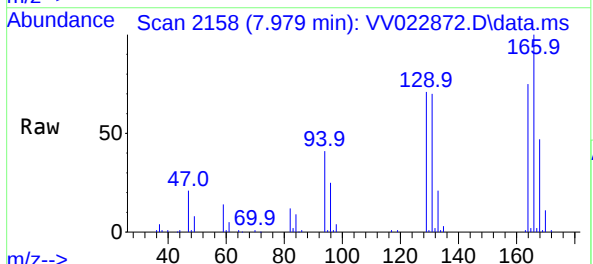
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.5	82.7
83	82.0	56.6	105.0
85	55.0	37.2	69.0

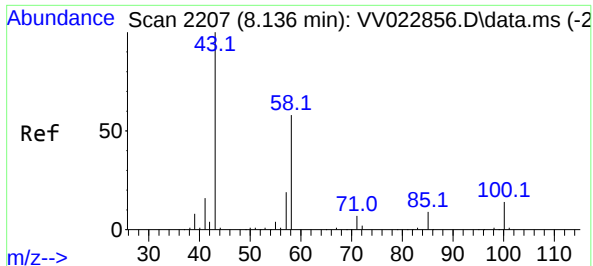


#47
Tetrachloroethene
Concen: 5.20 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 164 Resp: 38828

Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.0	120.6
131	92.4	62.2	115.4
166	132.7	89.2	165.8



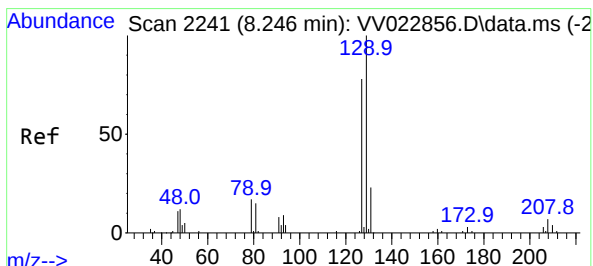
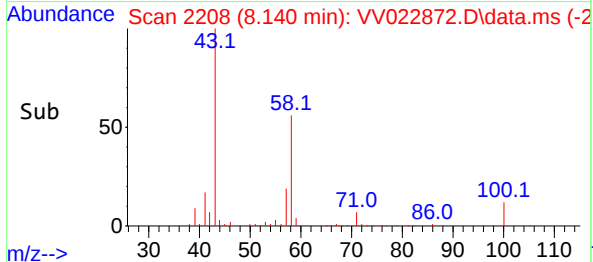
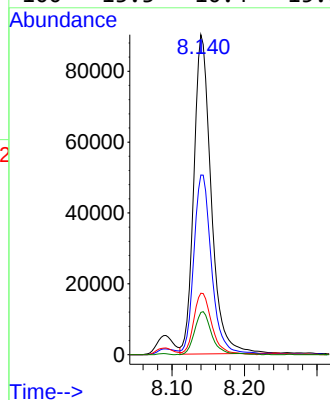
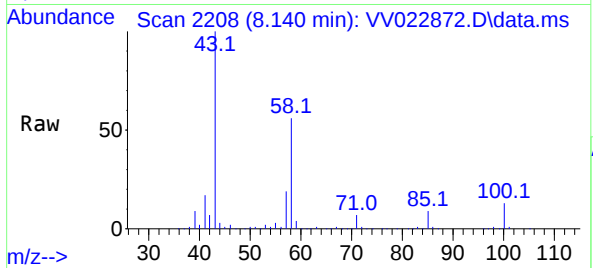


#48
2-Hexanone
Concen: 46.75 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

Tgt Ion: 43 Resp: 149927

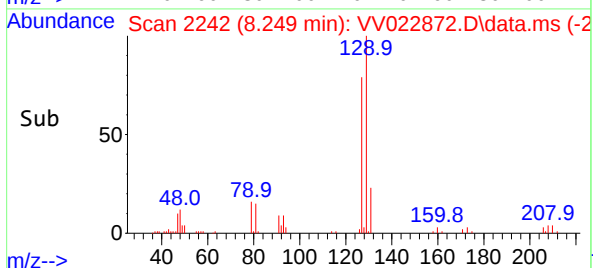
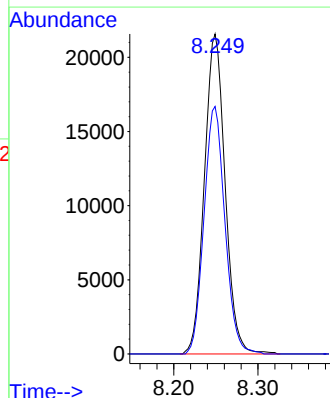
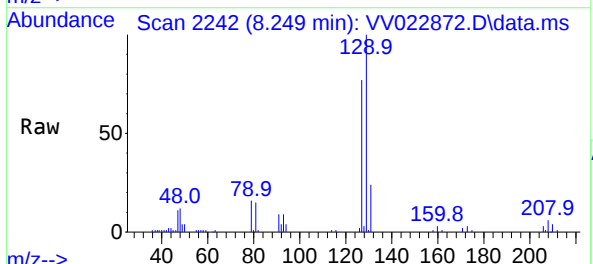
Ion	Ratio	Lower	Upper
43	100		
58	56.8	47.4	71.0
57	20.2	15.3	22.9
100	13.3	10.4	15.6

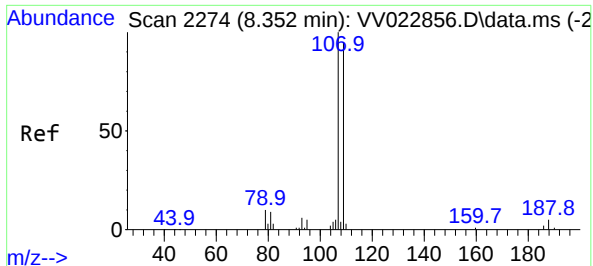


#49
Dibromochloromethane
Concen: 5.20 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 129 Resp: 36891

Ion	Ratio	Lower	Upper
129	100		
127	77.3	59.1	109.9

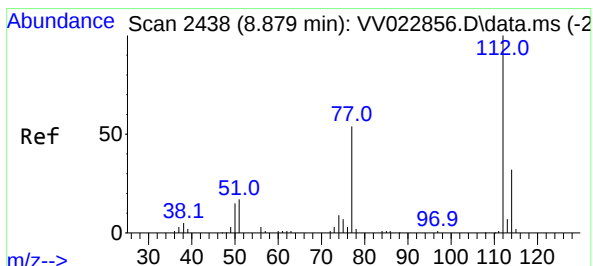
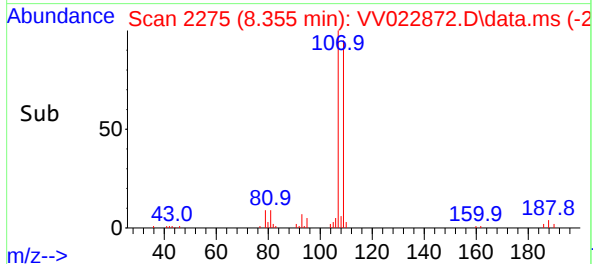
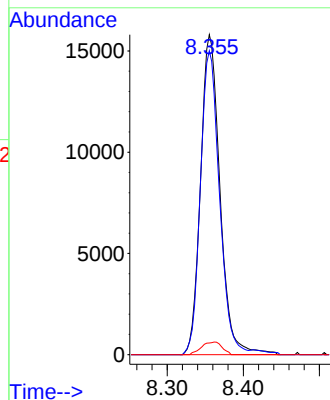
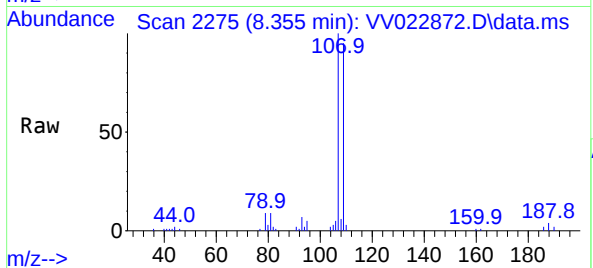




#50
1,2-Dibromoethane
Concen: 4.95 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

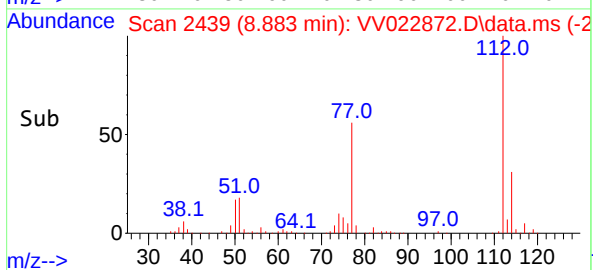
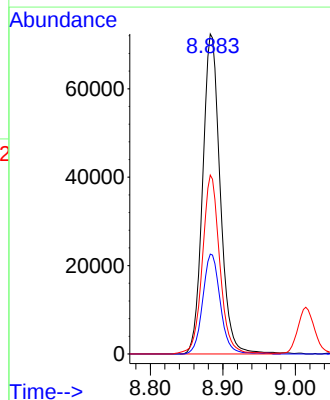
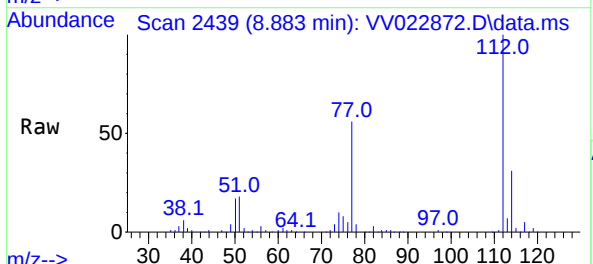
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

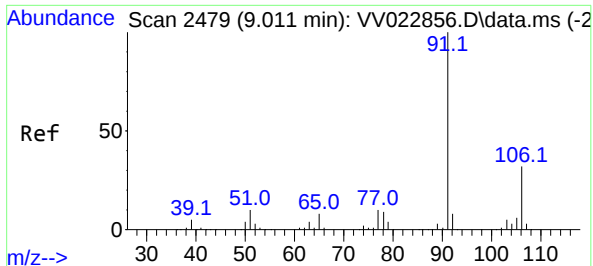
Tgt Ion:107 Resp: 27989
Ion Ratio Lower Upper
107 100
109 94.9 67.1 124.5
188 3.6 3.4 5.0



#51
Chlorobenzene
Concen: 5.37 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion:112 Resp: 121588
Ion Ratio Lower Upper
112 100
114 31.2 21.6 40.2
77 55.9 43.7 65.5

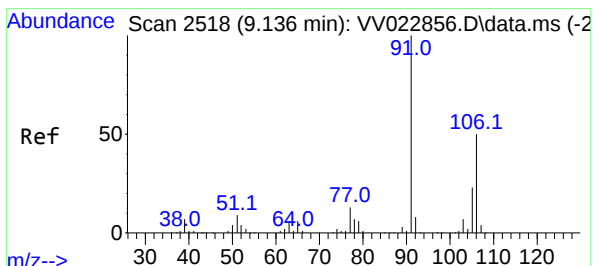
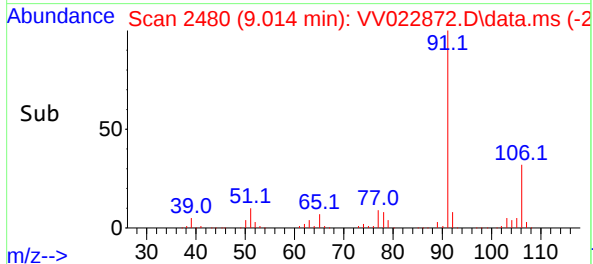
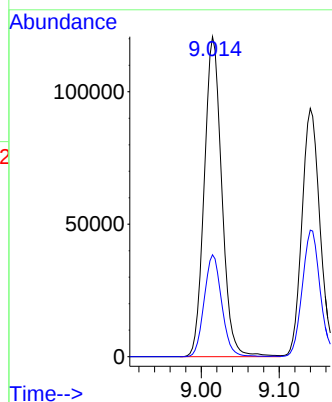
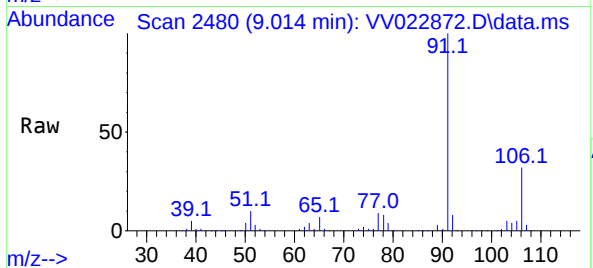




#52
Ethylbenzene
Concen: 5.40 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

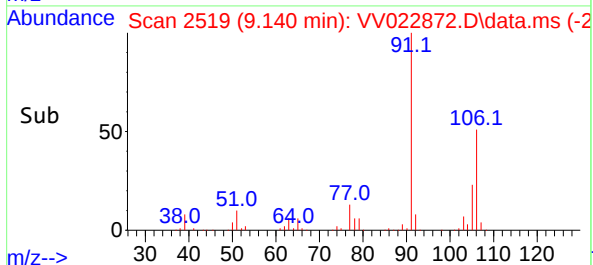
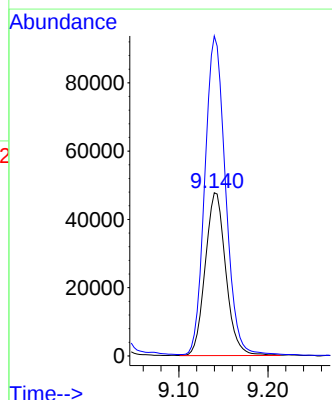
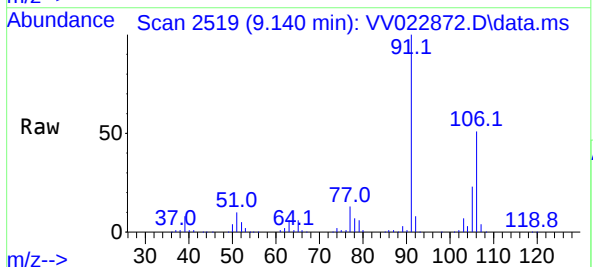
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

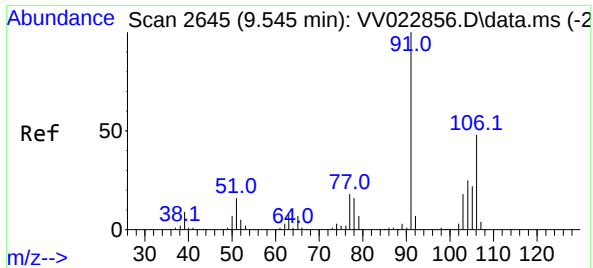
Tgt Ion: 91 Resp: 188763
Ion Ratio Lower Upper
91 100
106 31.8 21.6 40.2



#53
m,p-xylene
Concen: 5.57 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 106 Resp: 76429
Ion Ratio Lower Upper
106 100
91 196.1 138.7 257.5

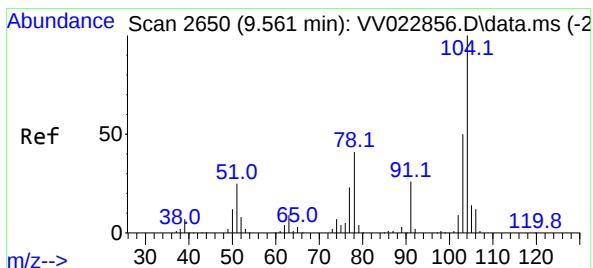
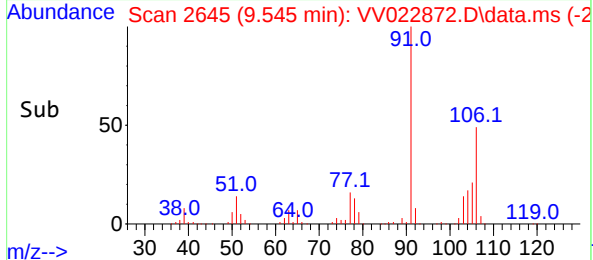
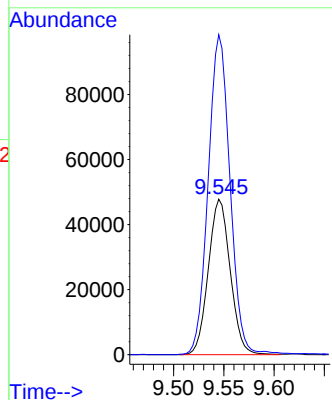
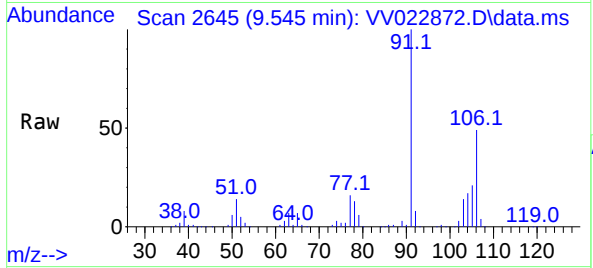




#54
o-xylene
Concen: 5.62 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

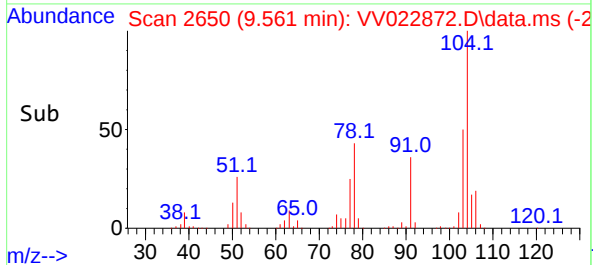
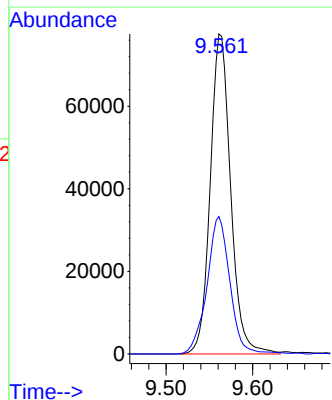
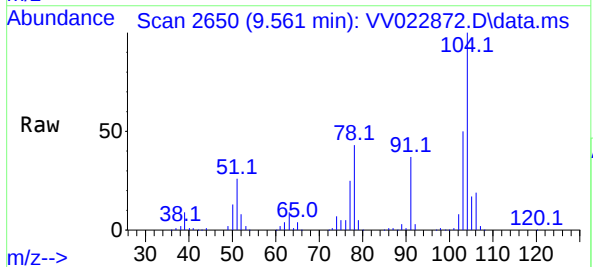
Instrument :
MSVOA_V
ClientSampled :
YAT53MS

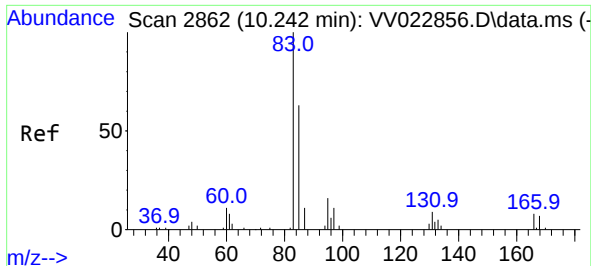
Tgt Ion:106 Resp: 72531
Ion Ratio Lower Upper
106 100
91 205.7 151.1 280.7



#55
Styrene
Concen: 5.70 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion:104 Resp: 126914
Ion Ratio Lower Upper
104 100
78 43.0 29.5 54.7

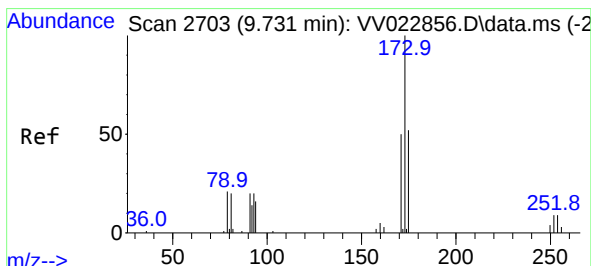
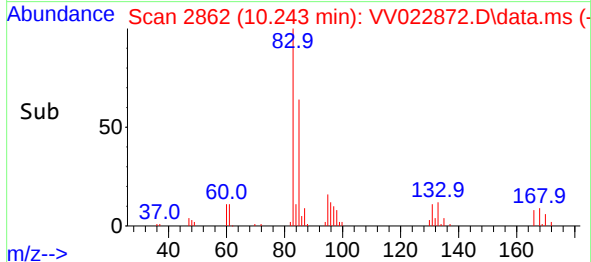
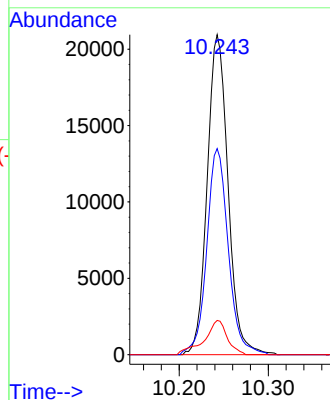
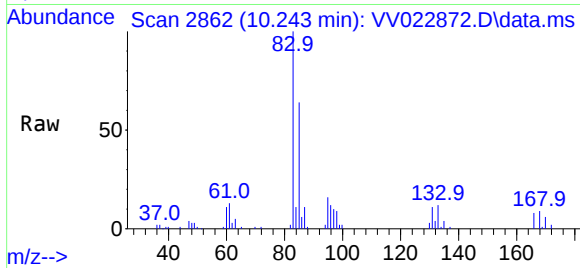




#57
1,1,2,2-Tetrachloroethane
Concen: 5.56 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

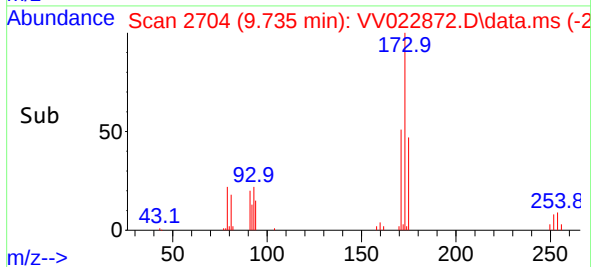
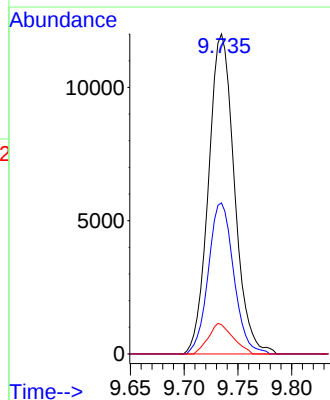
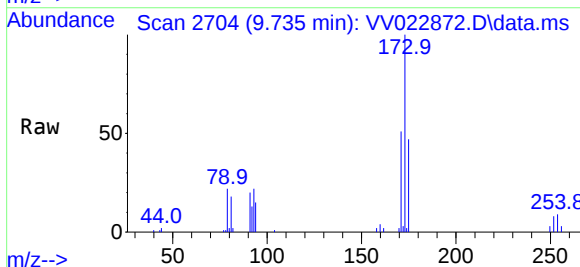
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

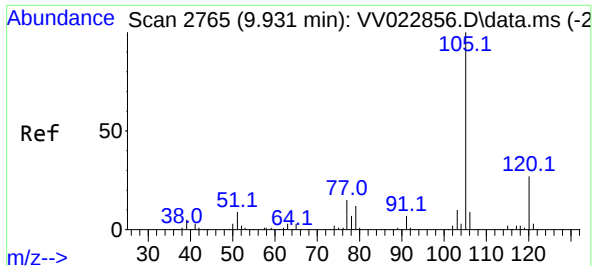
Tgt Ion:	83	Resp:	34056
Ion	Ratio	Lower	Upper
83	100		
85	64.4	46.0	85.4
131	10.7	8.4	12.6



#59
Bromoform
Concen: 4.91 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion:	173	Resp:	20092
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.3	57.5
254	9.0	7.1	10.7

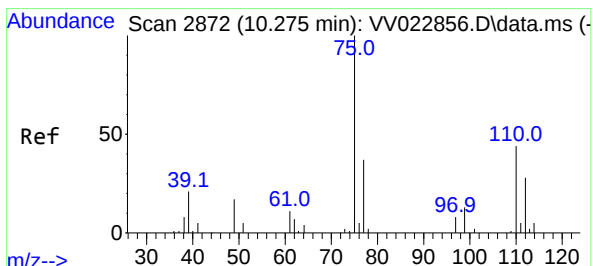
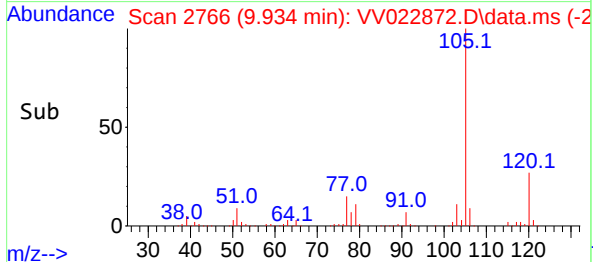
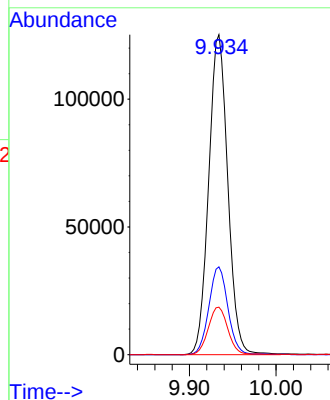
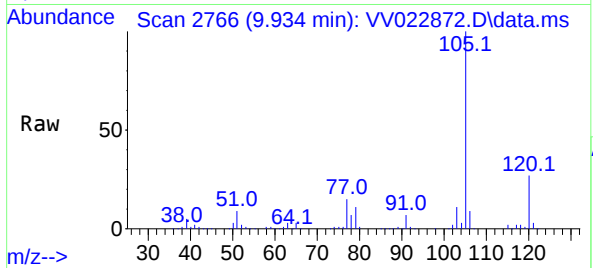




#60
Isopropylbenzene
Concen: 5.17 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

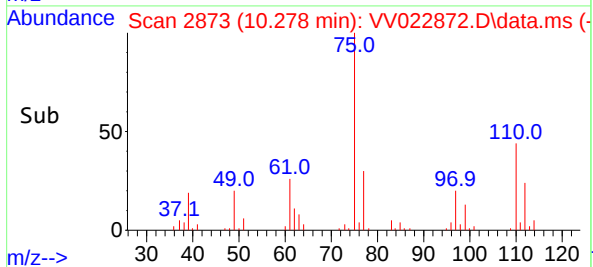
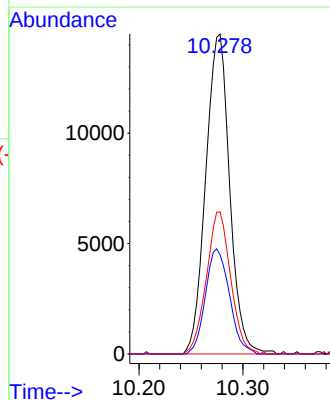
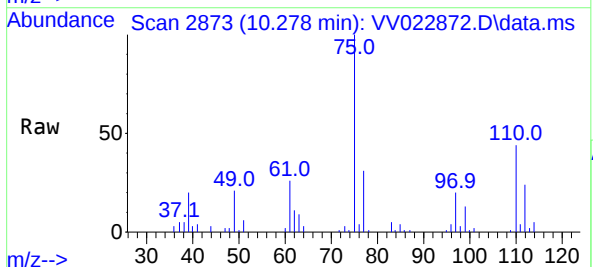
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

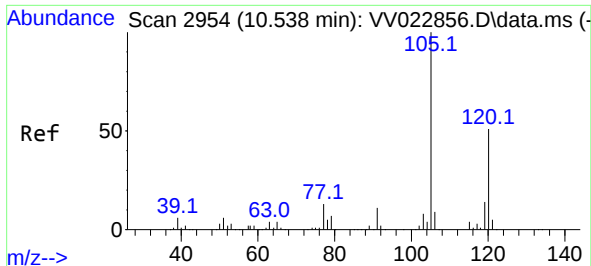
Tgt Ion:105 Resp: 191861
Ion Ratio Lower Upper
105 100
120 27.5 21.8 32.8
77 15.3 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.56 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion: 75 Resp: 23169
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2
110 45.1 34.2 51.4

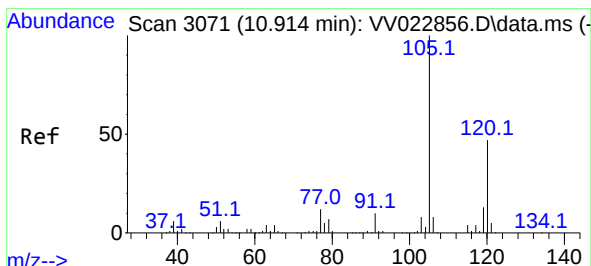
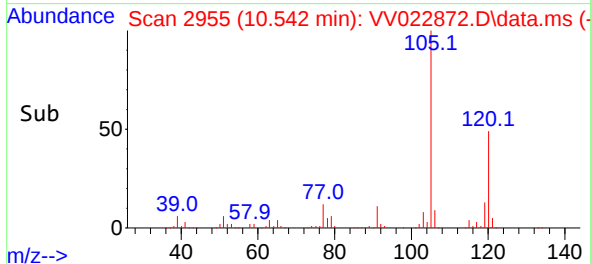
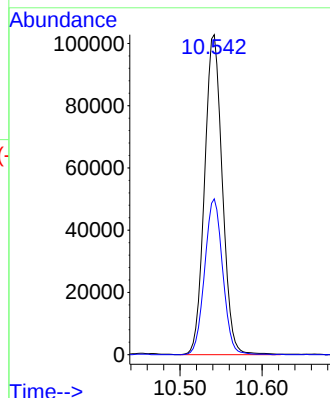
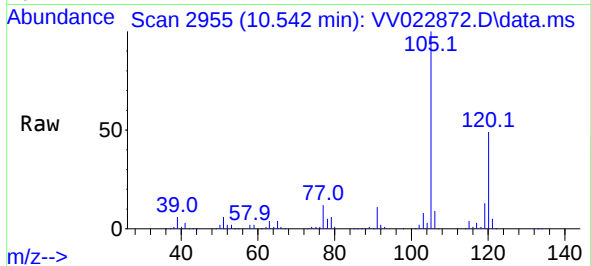




#62
1,3,5-Trimethylbenzene
Concen: 5.16 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

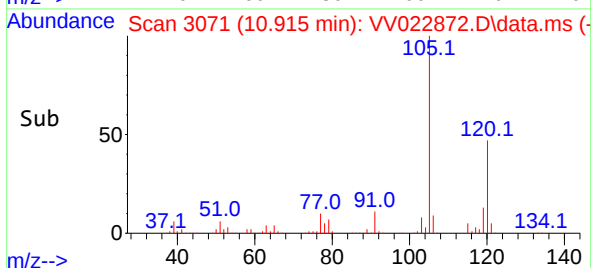
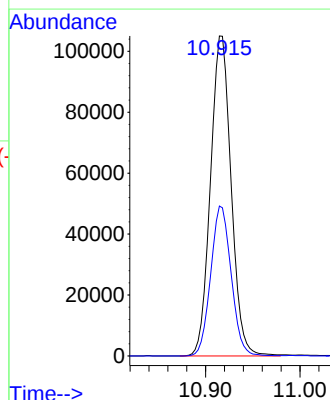
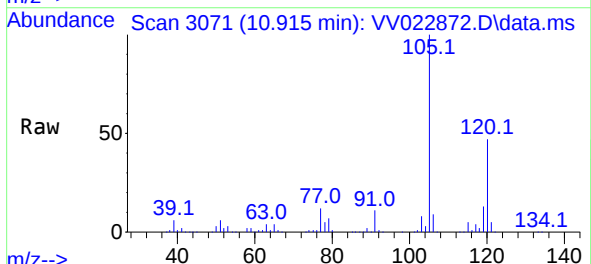
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

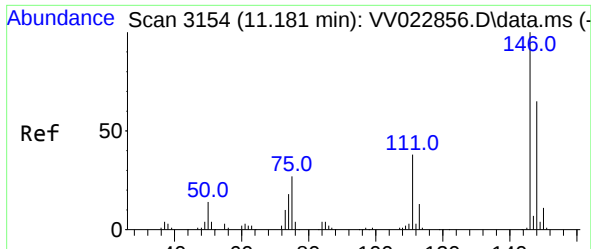
Tgt Ion:105 Resp: 154648
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.32 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion:105 Resp: 159568
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9

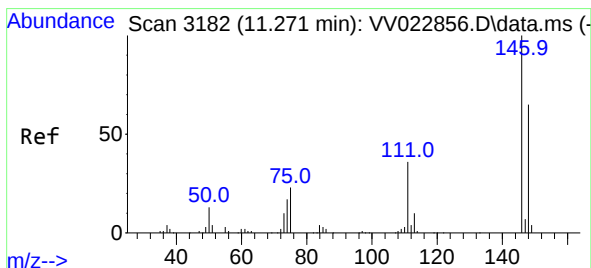
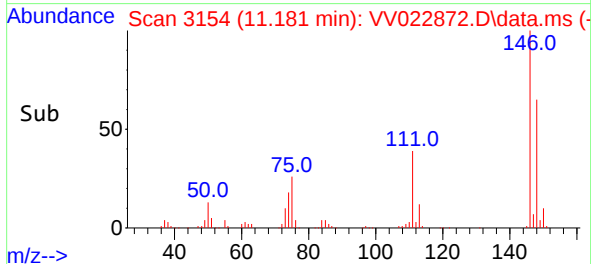
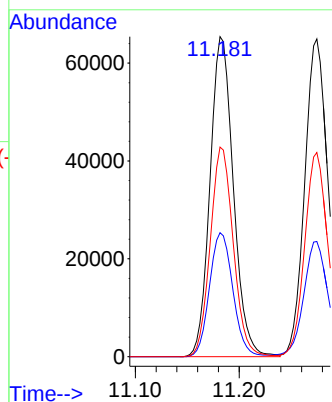
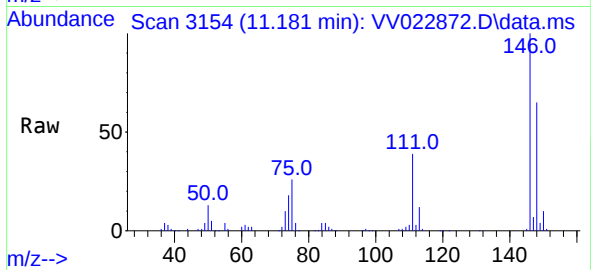




#64
1,3-Dichlorobenzene
Concen: 5.23 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

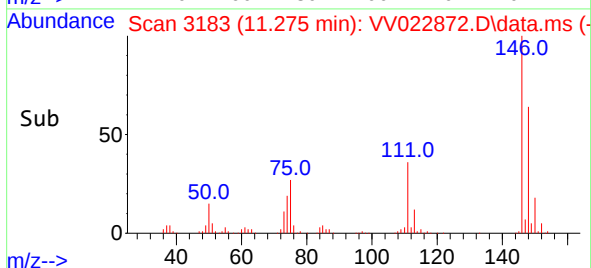
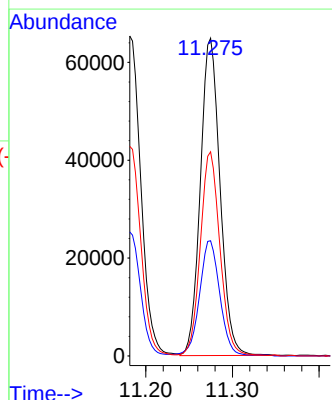
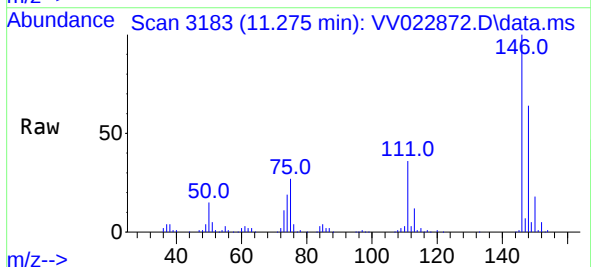
Instrument :
MSVOA_V
ClientSampled :
YAT53MS

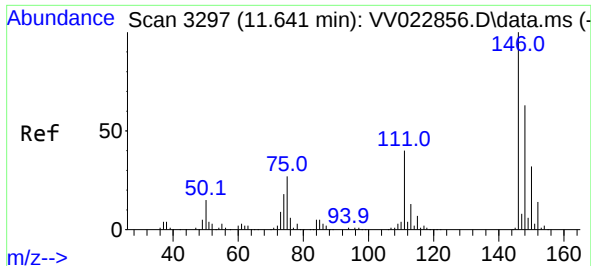
Tgt Ion:146 Resp: 101943
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.5
148 65.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.18 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion:146 Resp: 102509
Ion Ratio Lower Upper
146 100
111 36.3 25.6 47.4
148 64.2 44.9 83.5

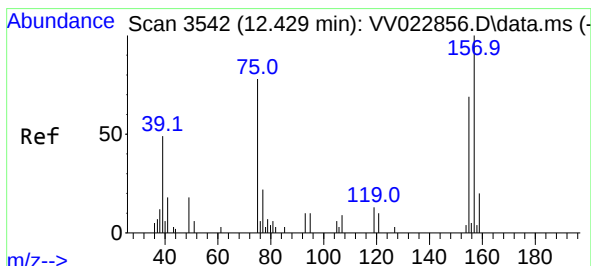
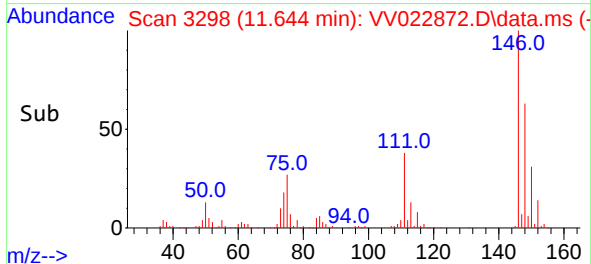
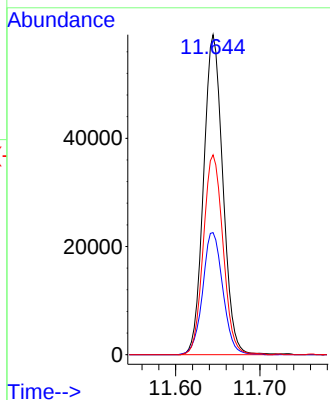
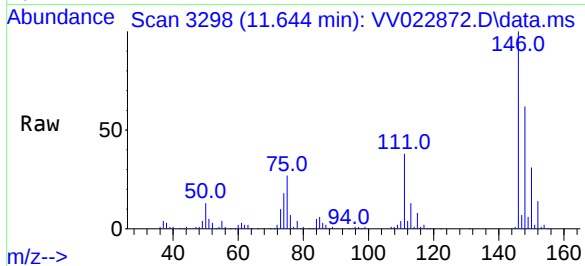




#67
1,2-Dichlorobenzene
Concen: 5.17 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

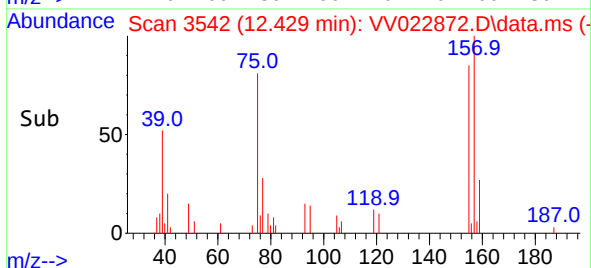
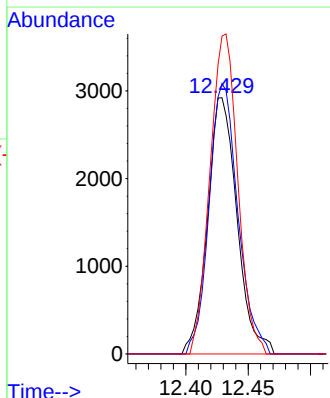
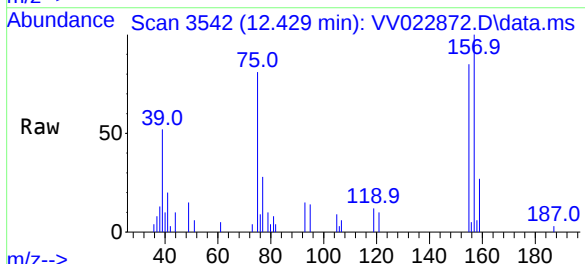
Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

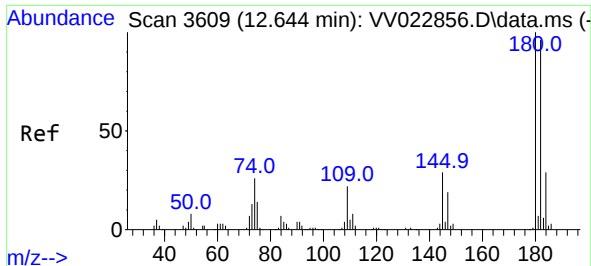
Tgt Ion:146 Resp: 94445
Ion Ratio Lower Upper
146 100
111 38.1 32.3 48.5
148 62.5 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.22 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

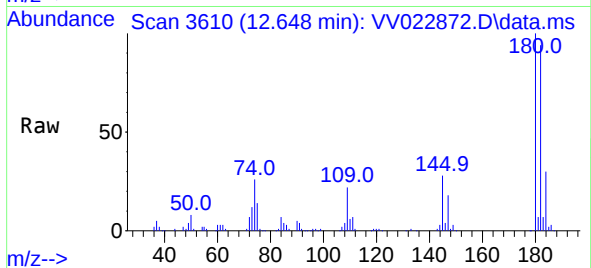
Tgt Ion: 75 Resp: 4821
Ion Ratio Lower Upper
75 100
155 105.5 82.4 123.6
157 124.1 114.1 171.1





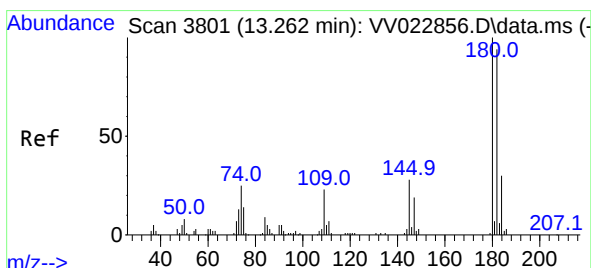
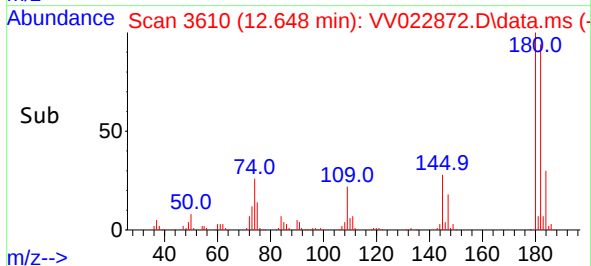
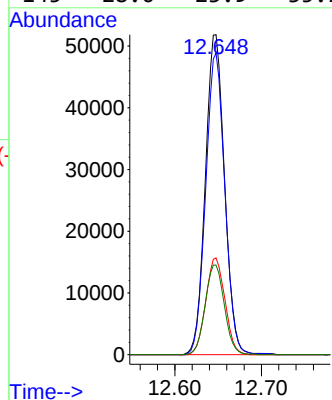
#69
1,3,5-Trichlorobenzene
Concen: 5.45 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

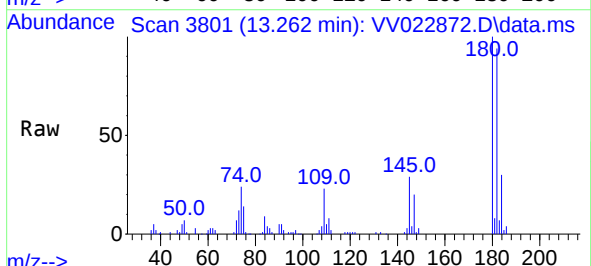


Tgt Ion:180 Resp: 79930

Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.0	115.6
184	30.2	24.5	36.7
145	28.0	23.9	35.9

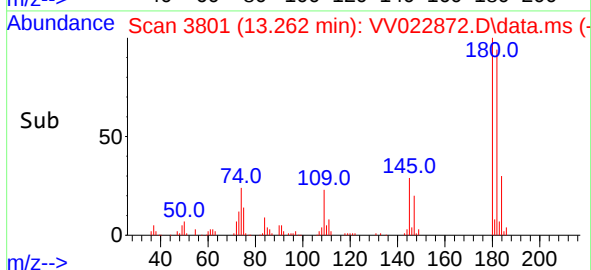
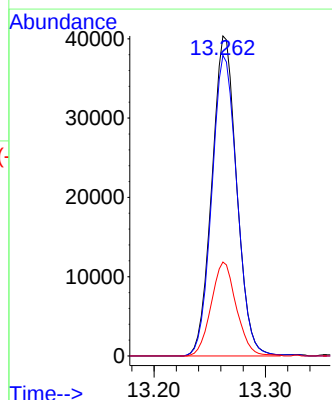


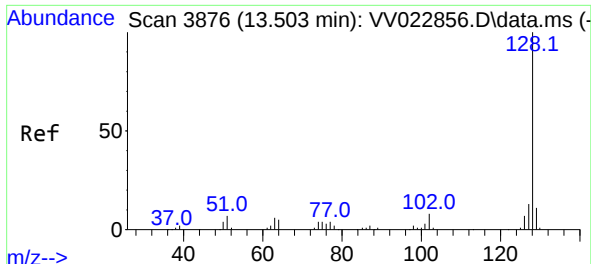
#70
1,2,4-trichlorobenzene
Concen: 5.56 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27



Tgt Ion:180 Resp: 62355

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	29.8	24.1	36.1

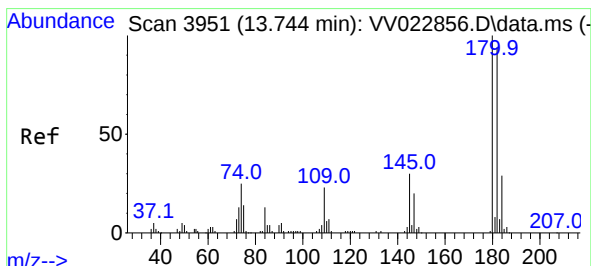
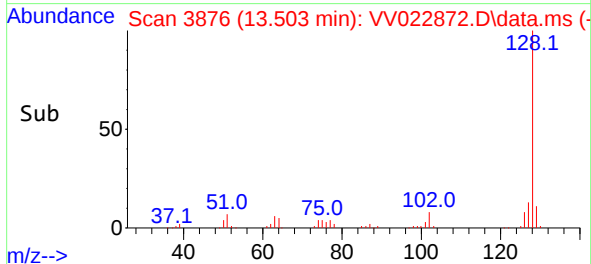
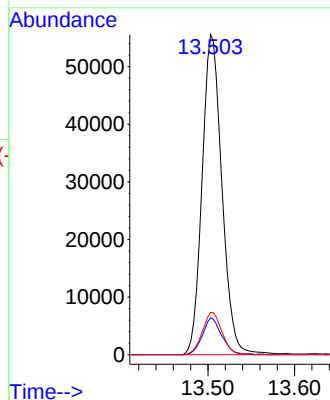
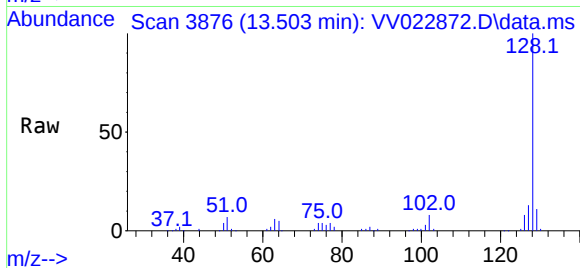




#71
Naphthalene
Concen: 4.95 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :
YAT53MS

Tgt Ion:	128	Resp:	88157
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.2	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.33 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022872.D
Acq: 18 Oct 2021 17:27

Tgt Ion:	180	Resp:	56304
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
145	31.5	24.7	37.1

