

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022686.D
 Acq On : 08 Oct 2021 00:40
 Operator : SY/MD
 Sample : M4098-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT35MSD

Quant Time: Oct 08 04:05:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36695	4.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	35737	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.105	63	73656	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.915	46	76377	36.854	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.700%
24) Chloroform-d	4.349	84	69450	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.037	65	37304	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.050	84	155275	4.469	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	46003	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.317	98	143227	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	15208	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.095	63	76814	55.845	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35325	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	56308	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	43104	5.148	ug/L	97
3) Chloromethane	1.240	50	45724	5.434	ug/L	99
5) Vinyl chloride	1.307	62	46931	5.398	ug/L	99
6) Bromomethane	1.519	94	30955	5.711	ug/L	98
8) Chloroethane	1.584	64	29062	5.403	ug/L	97
9) Trichlorofluoromethane	1.751	101	67143	5.272	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38452	5.190	ug/L	99
12) 1,1-Dichloroethene	2.114	96	36867	5.313	ug/L	89
13) Acetone	2.201	43	40970	35.453	ug/L	98
14) Carbon disulfide	2.288	76	101616	5.211	ug/L	100
15) Methyl Acetate	2.439	43	16612	5.024	ug/L	# 84
16) Methylene chloride	2.503	84	39229	4.107	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	94276	5.615	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	43540	5.770	ug/L	99
19) 1,1-Dichloroethane	3.185	63	73133	5.381	ug/L	99
21) 2-Butanone	4.002	43	68676	36.295	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	42265	5.334	ug/L	95
23) Bromochloromethane	4.249	128	20180	5.732	ug/L	89
25) Chloroform	4.375	83	87464	5.551	ug/L	98

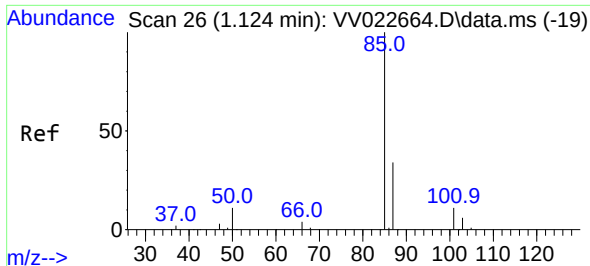
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022686.D
 Acq On : 08 Oct 2021 00:40
 Operator : SY/MD
 Sample : M4098-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT35MSD

Quant Time: Oct 08 04:05:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40800	5.188	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	65469	4.912	ug/L	99
30) Cyclohexane	4.674	56	55173	4.486	ug/L	98
31) Carbon tetrachloride	4.822	117	57680	4.986	ug/L	98
33) Benzene	5.098	78	158426	5.040	ug/L	100
34) Trichloroethene	5.915	95	41313	4.833	ug/L	97
35) Methylcyclohexane	6.130	83	55070	4.599	ug/L	98
37) 1,2-Dichloropropane	6.178	63	37303	4.934	ug/L	99
38) Bromodichloromethane	6.513	83	47868	5.139	ug/L	93
39) cis-1,3-Dichloropropene	7.031	75	50975	5.094	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	228346	56.216	ug/L	98
42) Toluene	7.387	91	171394	5.371	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	43014	5.272	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	29373	5.236	ug/L	98
47) Tetrachloroethene	7.976	164	34893	5.048	ug/L	95
48) 2-Hexanone	8.146	43	167422	56.372	ug/L	98
49) Dibromochloromethane	8.246	129	34658	5.278	ug/L	92
50) 1,2-Dibromoethane	8.355	107	27637	5.276	ug/L	97
51) Chlorobenzene	8.883	112	110379	5.264	ug/L	99
52) Ethylbenzene	9.014	91	169874	5.244	ug/L	99
53) m,p-xylene	9.140	106	67977	5.347	ug/L	98
54) o-xylene	9.545	106	66196	5.534	ug/L	93
55) Styrene	9.561	104	116142	5.635	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	33047	5.823	ug/L	97
59) Bromoform	9.735	173	19226	5.377	ug/L	98
60) Isopropylbenzene	9.934	105	172936	5.334	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	23757	5.357	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	137720	5.257	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	143550	5.476	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	89725	5.273	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	88681	5.133	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	86231	5.402	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4521	5.601	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.648	180	65800	5.133	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	52015	5.312	ug/L	99
71) Naphthalene	13.503	128	83485	5.364	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50661	5.487	ug/L	99

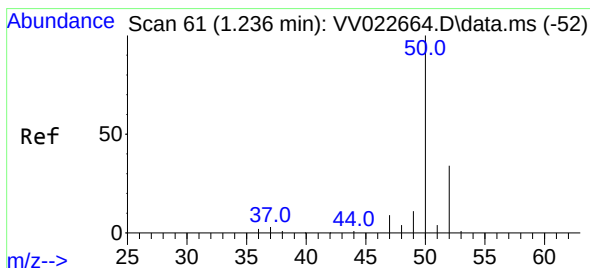
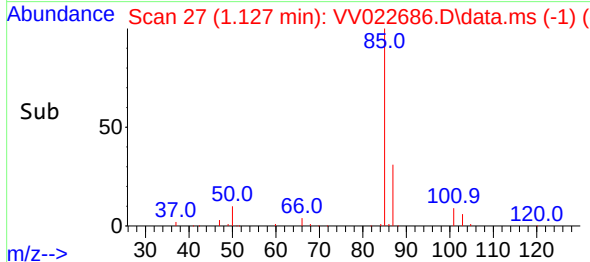
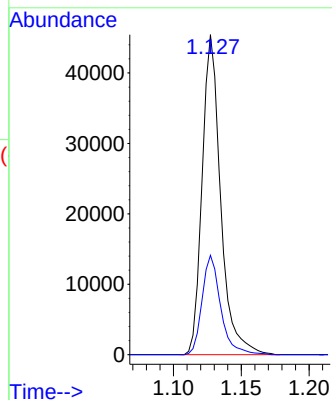
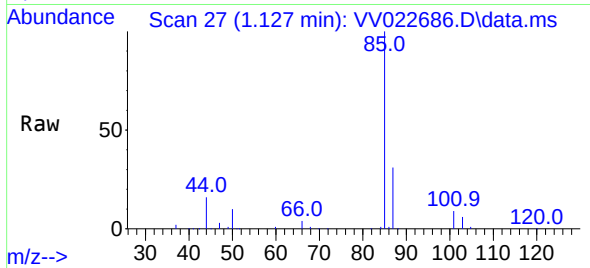
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.148 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV022686.D
 Acq: 08 Oct 2021 00:40

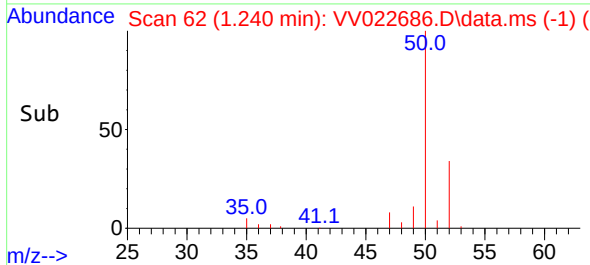
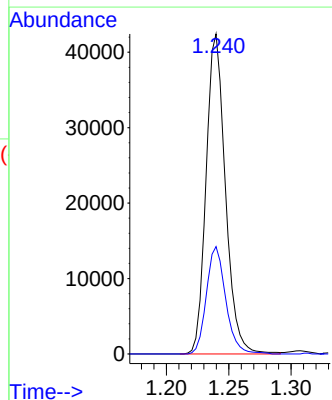
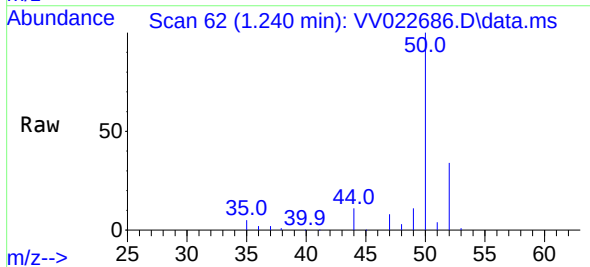
Instrument :
 MSVOA_V
 ClientSampleId :
 YAT35MSD

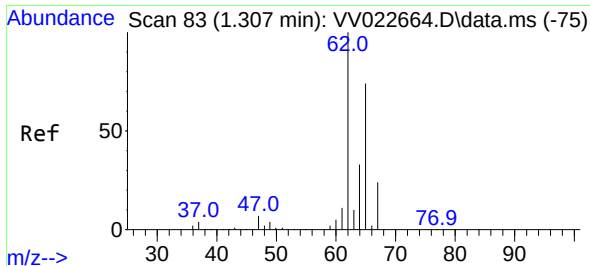
Tgt Ion: 85 Resp: 43104
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.3 39.5



#3
 Chloromethane
 Concen: 5.434 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022686.D
 Acq: 08 Oct 2021 00:40

Tgt Ion: 50 Resp: 45724
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.9 42.5



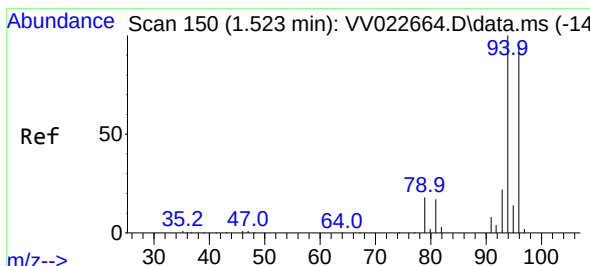
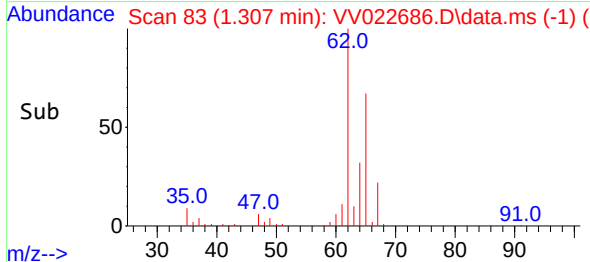
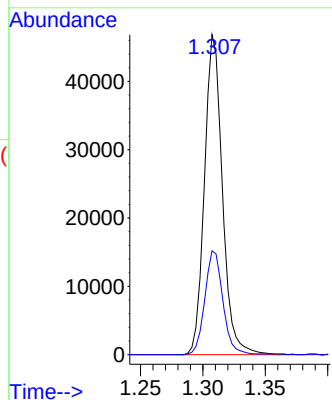
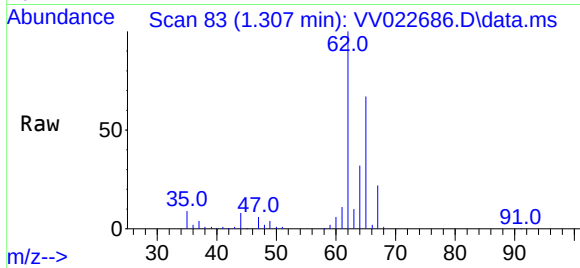


#5
 Vinyl chloride
 Concen: 5.398 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022686.D
 Acq: 08 Oct 2021 00:40

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT35MSD

Tgt Ion: 62 Resp: 46931

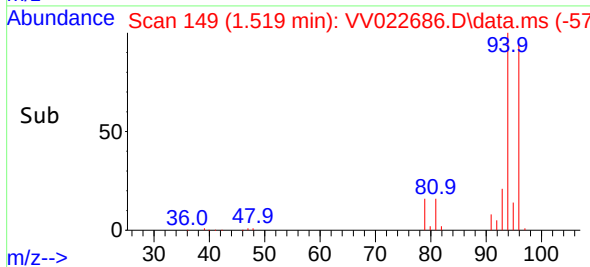
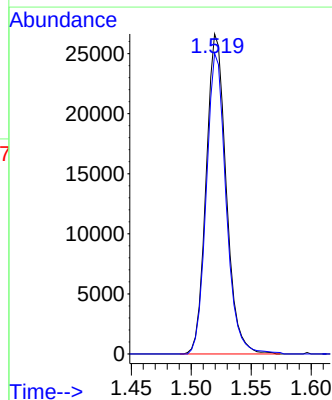
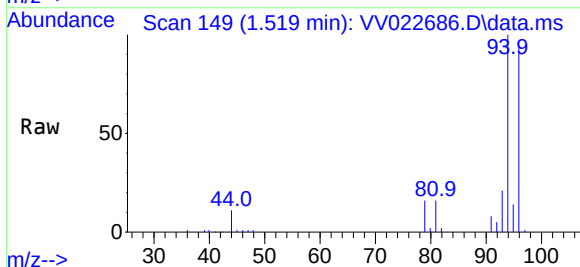
Ion	Ratio	Lower	Upper
62	100		
64	32.4	23.0	42.8

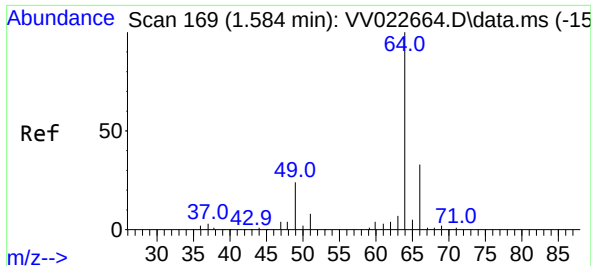


#6
 Bromomethane
 Concen: 5.711 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022686.D
 Acq: 08 Oct 2021 00:40

Tgt Ion: 94 Resp: 30955

Ion	Ratio	Lower	Upper
94	100		
96	93.9	67.2	124.8

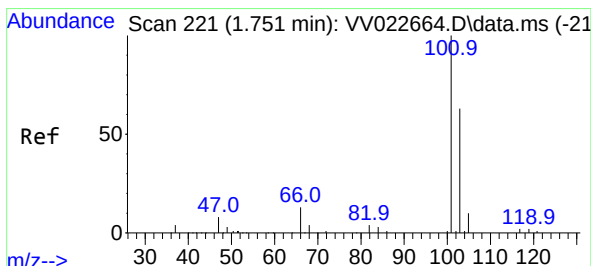
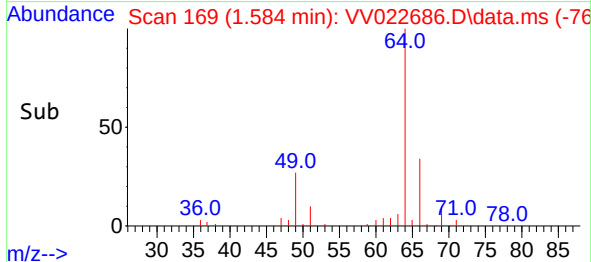
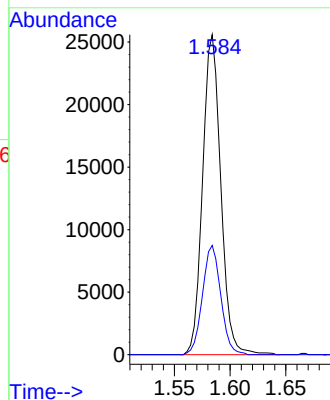
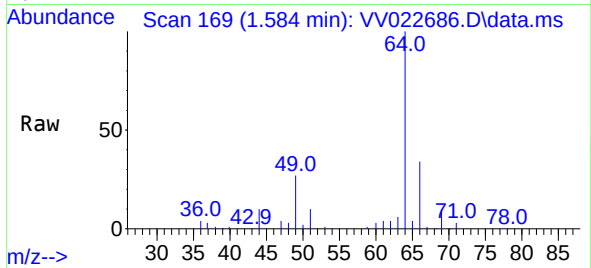




#8
Chloroethane
Concen: 5.403 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

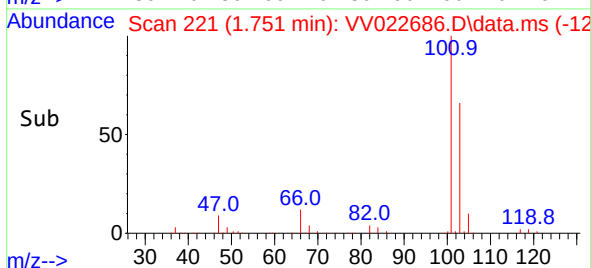
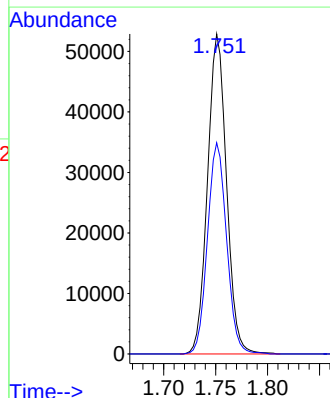
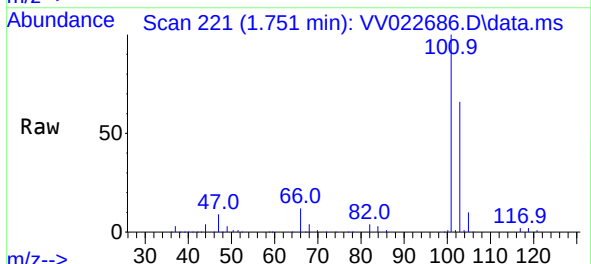
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

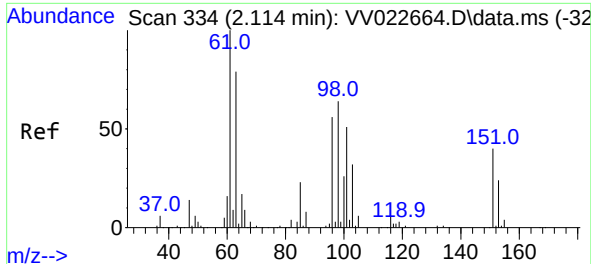
Tgt Ion: 64 Resp: 29062
Ion Ratio Lower Upper
64 100
66 34.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.272 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:101 Resp: 67143
Ion Ratio Lower Upper
101 100
103 66.4 50.3 75.5

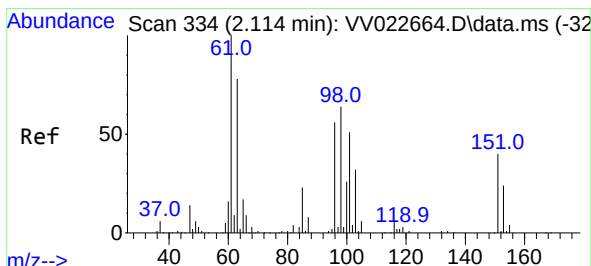
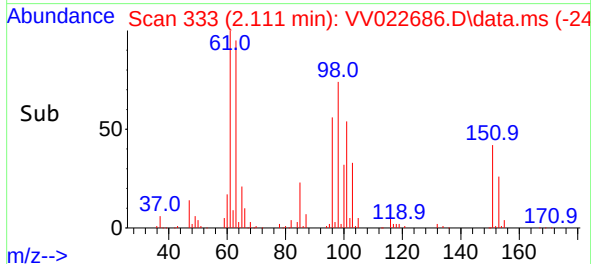
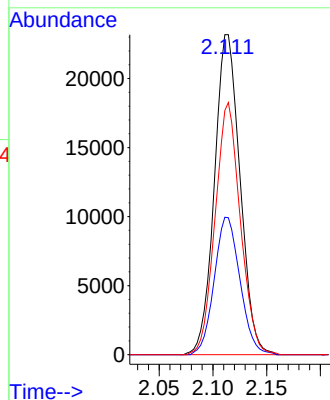
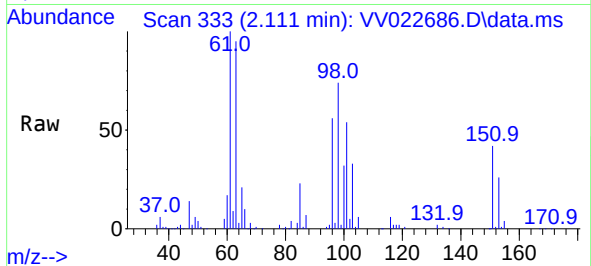




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.190 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

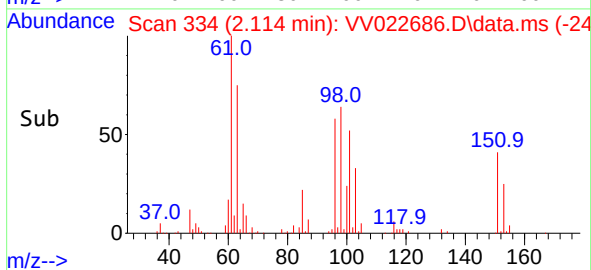
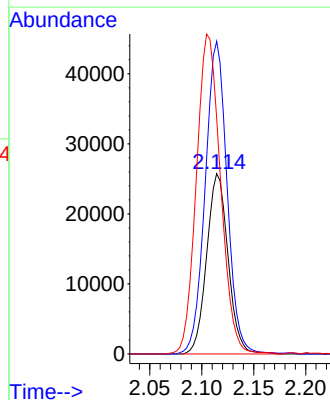
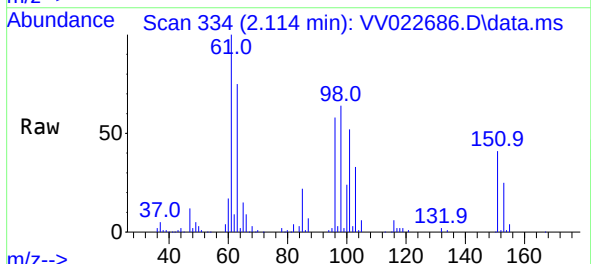
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

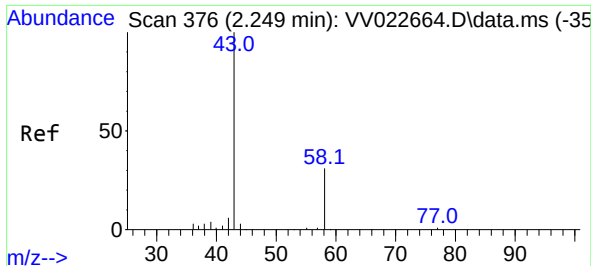
Tgt Ion:101 Resp: 38452
Ion Ratio Lower Upper
101 100
85 43.2 34.6 52.0
151 77.5 60.9 91.3



#12
1,1-Dichloroethene
Concen: 5.313 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 96 Resp: 36867
Ion Ratio Lower Upper
96 100
61 173.3 127.3 236.5
63 130.7 106.2 197.2

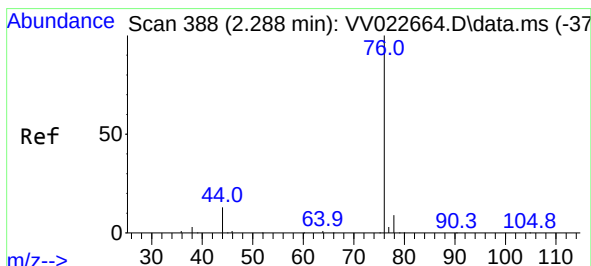
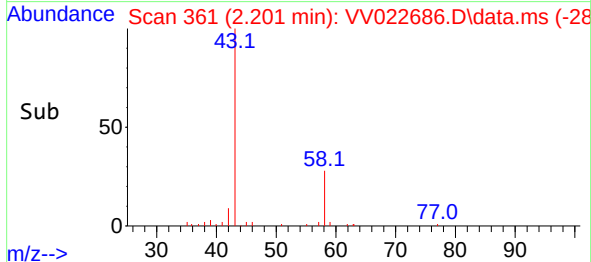
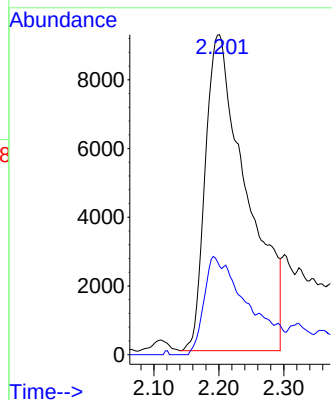
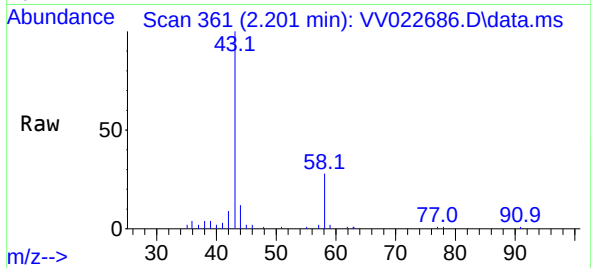




#13
Acetone
Concen: 35.453 ug/L
RT: 2.201 min Scan# 361
Delta R.T. -0.048 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

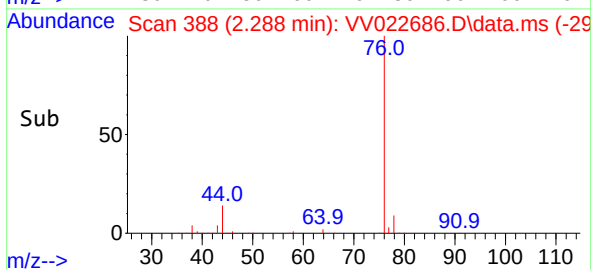
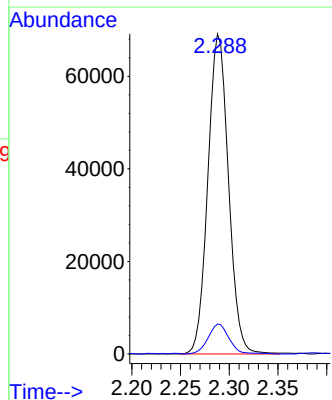
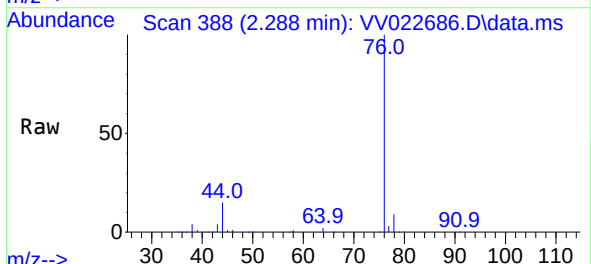
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

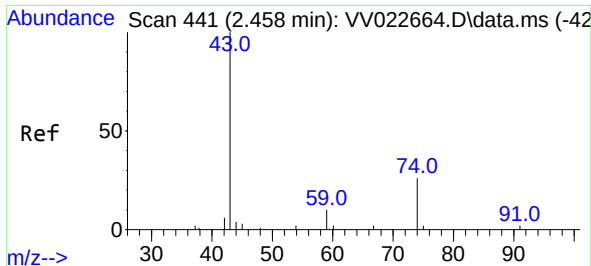
Tgt Ion: 43 Resp: 40970
Ion Ratio Lower Upper
43 100
58 12.7 0.0 24.2



#14
Carbon disulfide
Concen: 5.211 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 76 Resp: 101616
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

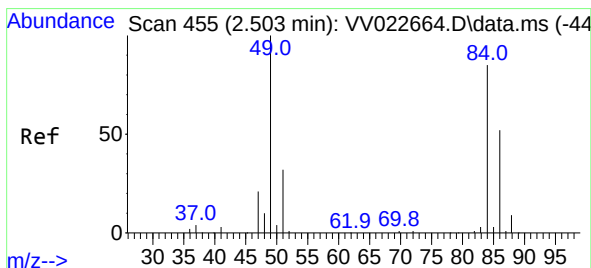
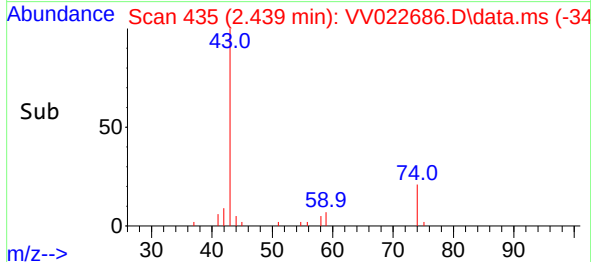
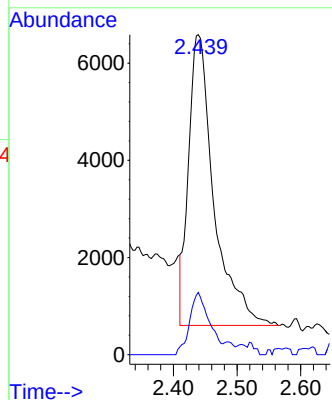
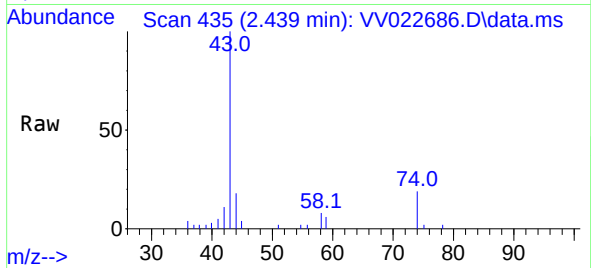




#15
Methyl Acetate
Concen: 5.024 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.019 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

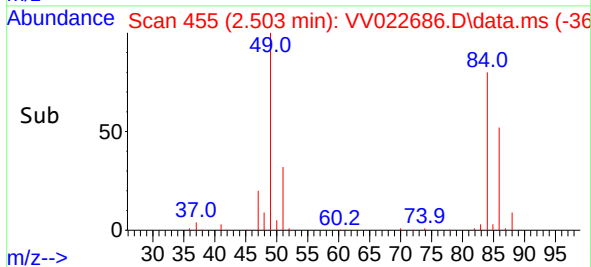
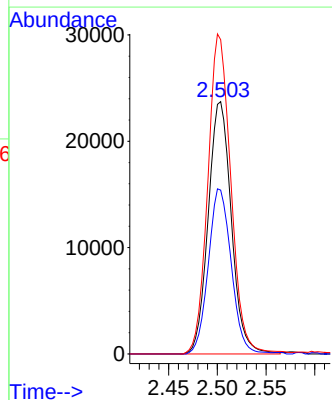
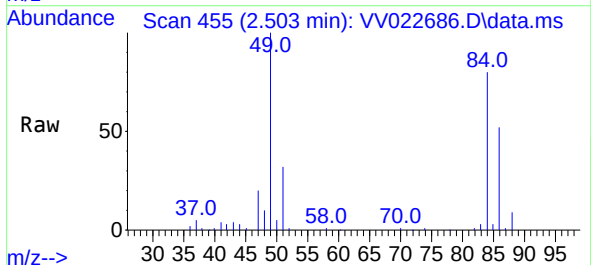
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

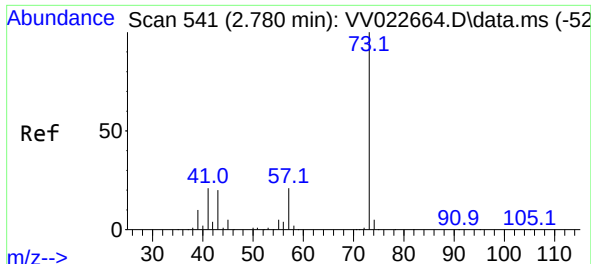
Tgt Ion: 43 Resp: 16612
Ion Ratio Lower Upper
43 100
74 16.7 19.9 29.9#



#16
Methylene chloride
Concen: 4.107 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 84 Resp: 39229
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.2
49 124.6 90.3 167.7

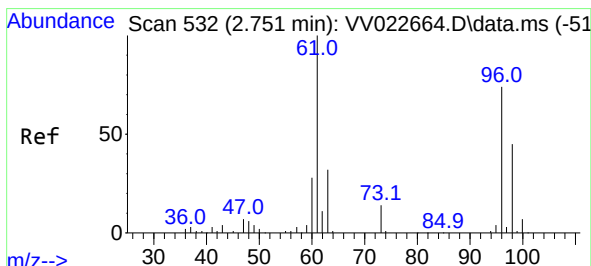
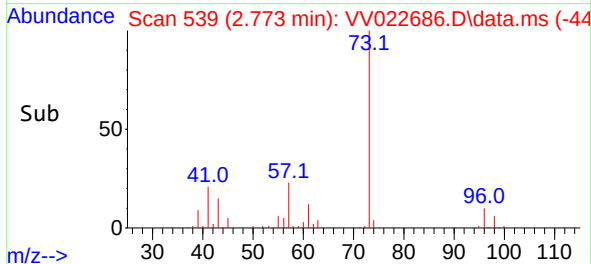
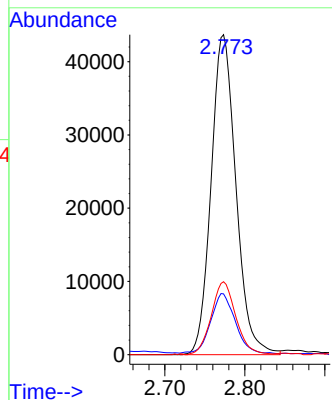
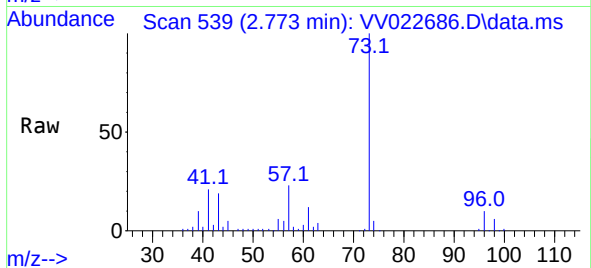




#17
Methyl tert-butyl Ether
Concen: 5.615 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.006 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

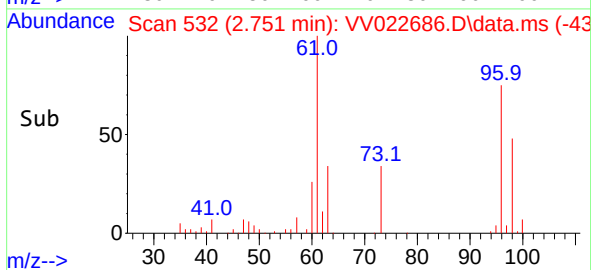
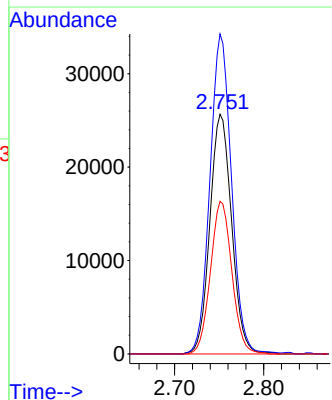
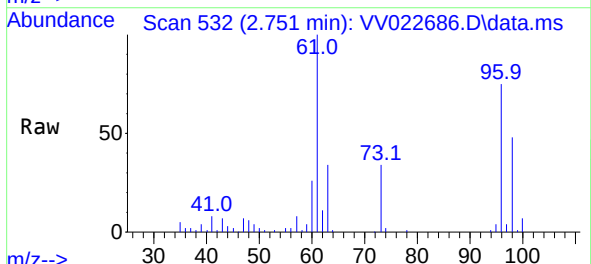
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

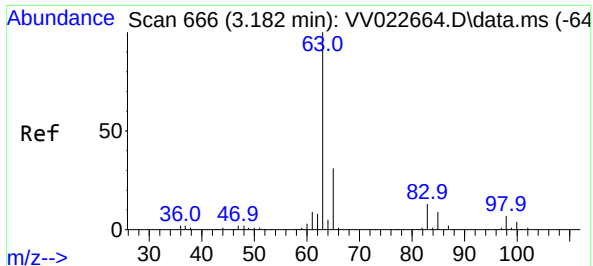
Tgt Ion: 73 Resp: 94276
Ion Ratio Lower Upper
73 100
43 18.5 17.1 25.7
57 22.5 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.770 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

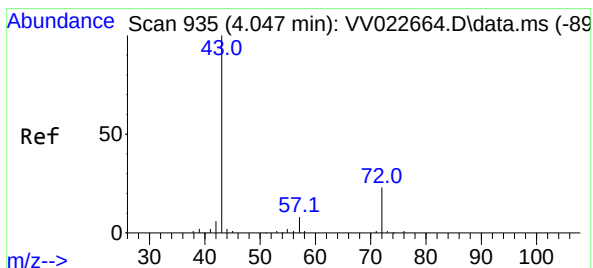
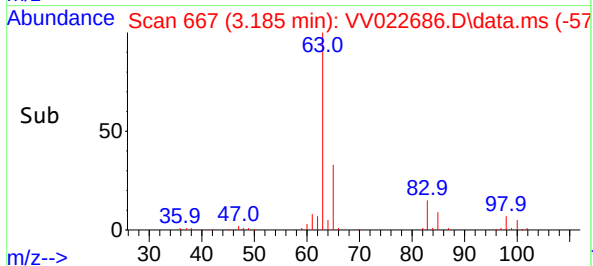
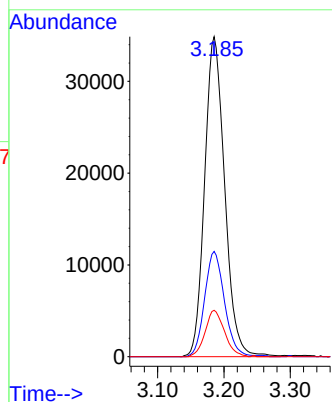
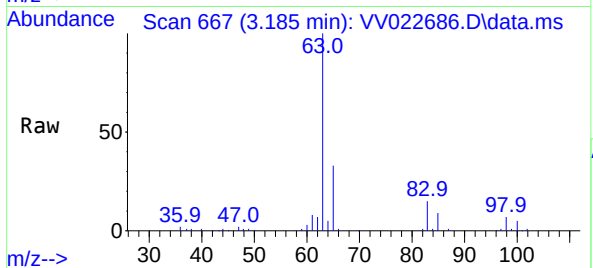
Tgt Ion: 96 Resp: 43540
Ion Ratio Lower Upper
96 100
61 133.5 94.5 175.5
98 63.6 44.2 82.0





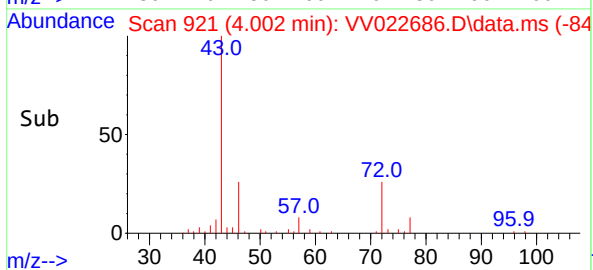
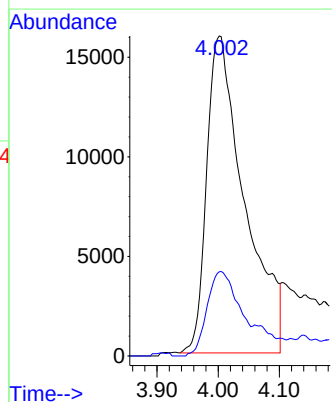
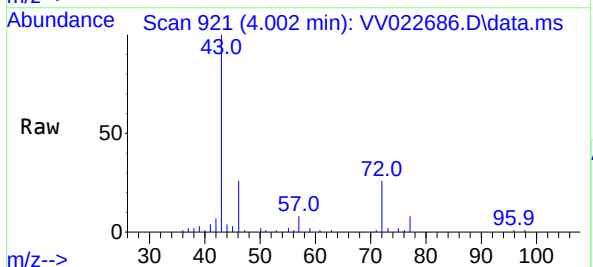
#19
1,1-Dichloroethane
Concen: 5.381 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

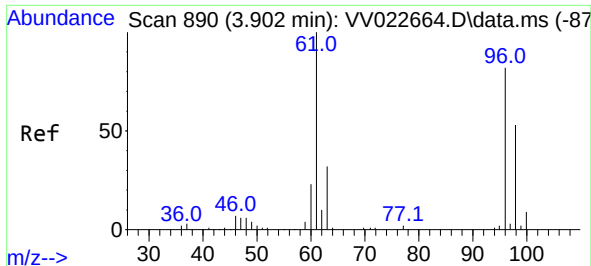
Tgt Ion:	63	Resp:	73133
Ion	Ratio	Lower	Upper
63	100		
65	32.9	23.5	43.7
83	14.5	10.1	18.7



#21
2-Butanone
Concen: 36.295 ug/L
RT: 4.002 min Scan# 921
Delta R.T. -0.045 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:	43	Resp:	68676
Ion	Ratio	Lower	Upper
43	100		
72	22.5	12.3	36.8



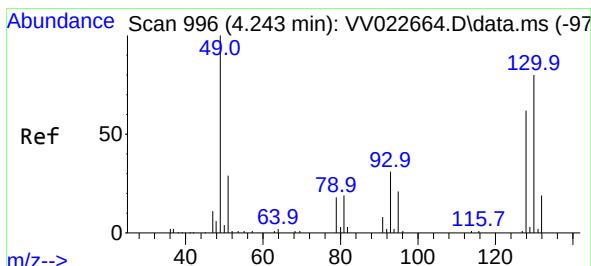
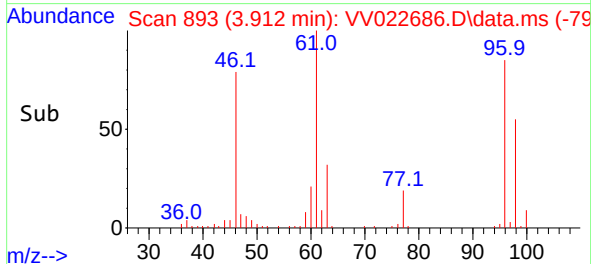
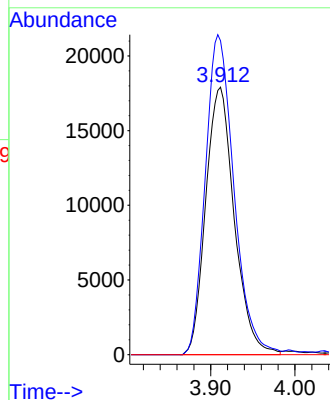
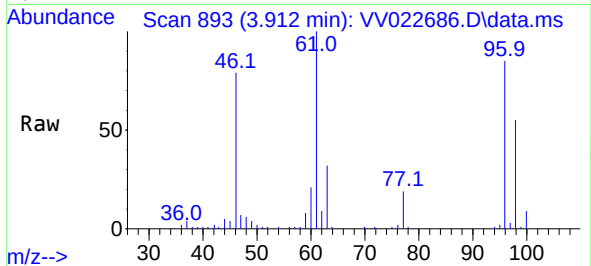


#22
cis-1,2-Dichloroethene
Concen: 5.334 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

Tgt Ion: 96 Resp: 42265

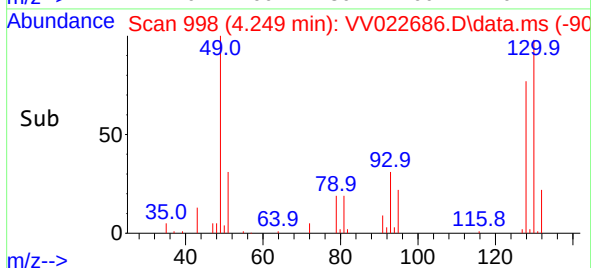
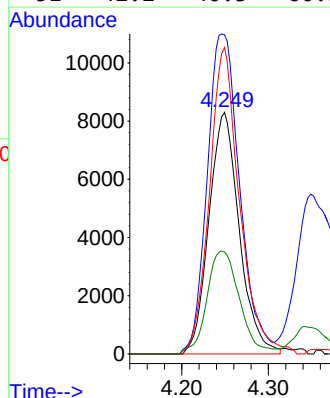
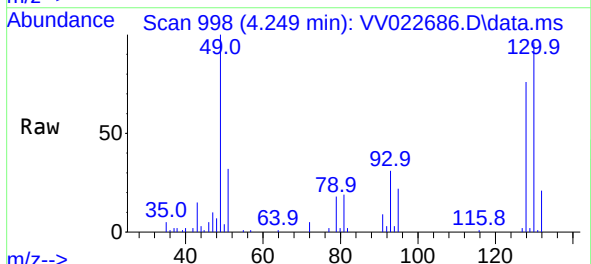
Ion	Ratio	Lower	Upper
96	100		
61	117.3	86.0	159.6
68	0.0	0.0	0.0

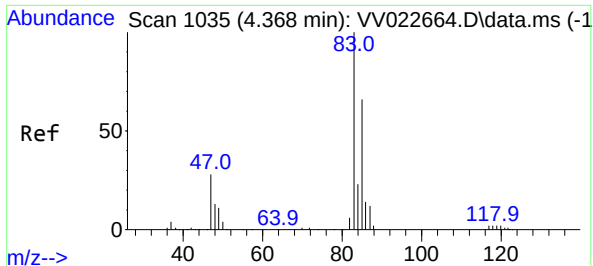


#23
Bromochloromethane
Concen: 5.732 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 128 Resp: 20180

Ion	Ratio	Lower	Upper
128	100		
49	132.1	106.9	198.5
130	126.8	91.9	170.7
51	42.2	40.3	60.5



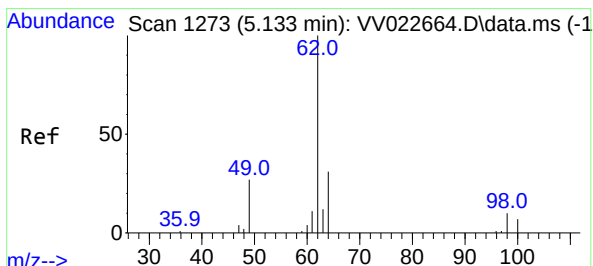
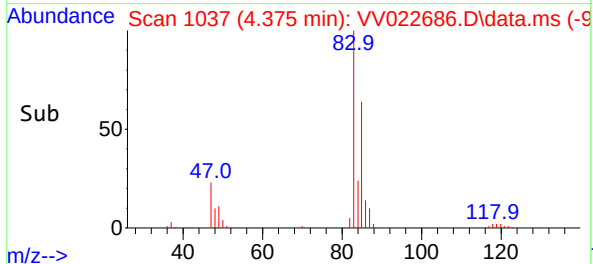
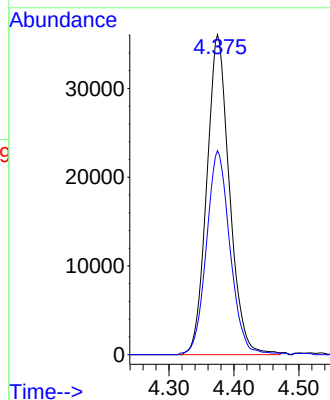
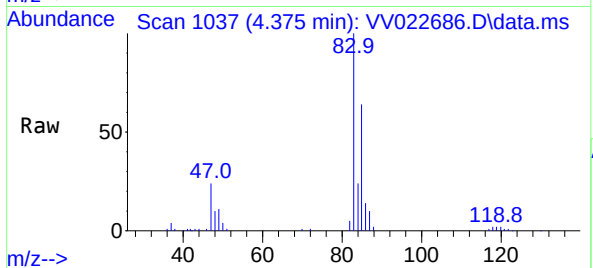


#25

Chloroform
Concen: 5.551 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

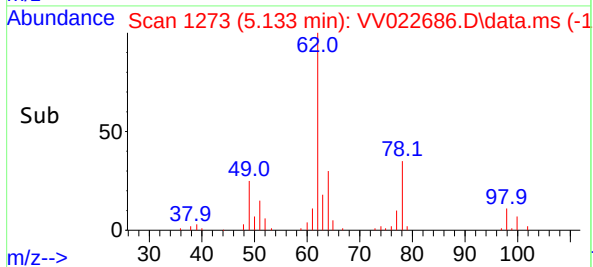
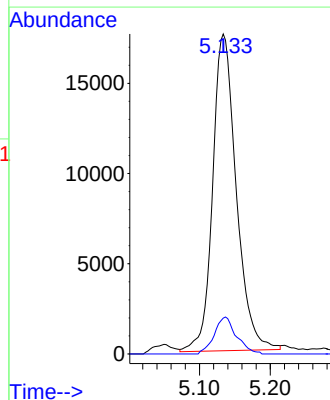
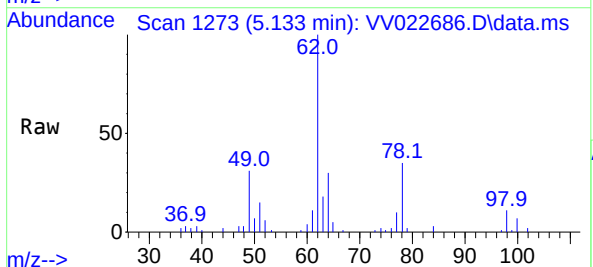
Tgt Ion: 83 Resp: 87464
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9

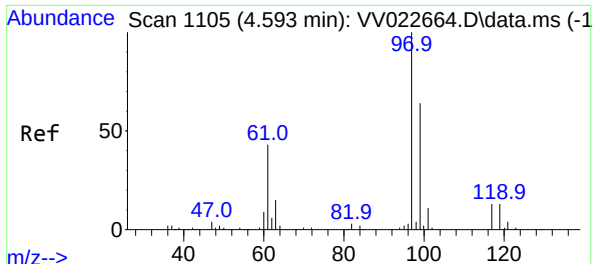


#27

1,2-Dichloroethane
Concen: 5.188 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 62 Resp: 40800
Ion Ratio Lower Upper
62 100
98 11.2 9.7 14.5



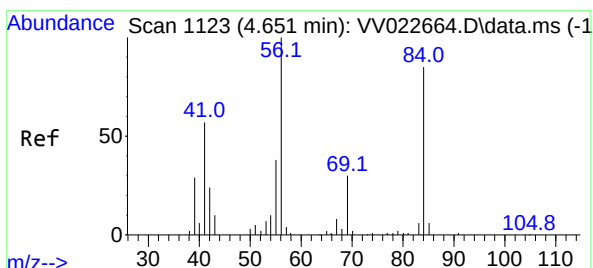
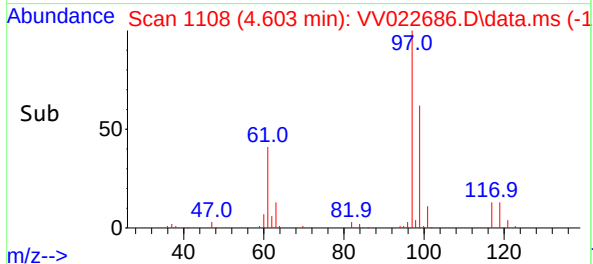
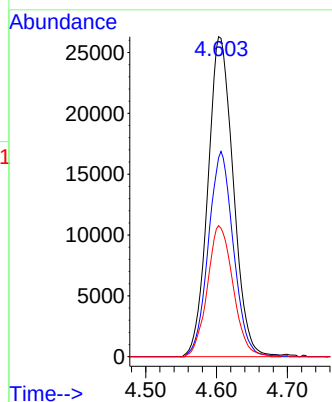
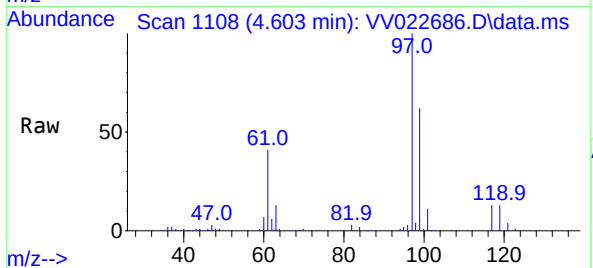


#29
1,1,1-Trichloroethane
Concen: 4.912 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.010 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampled :
YAT35MSD

Tgt Ion: 97 Resp: 65469

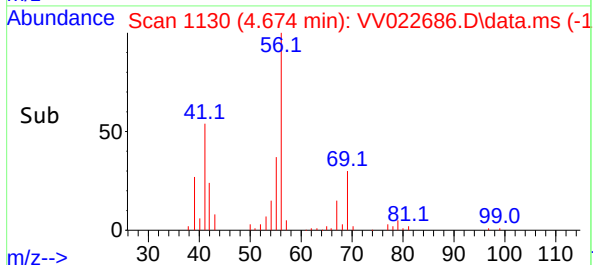
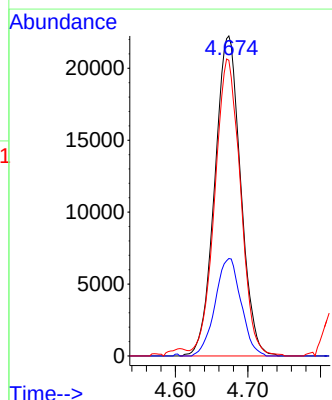
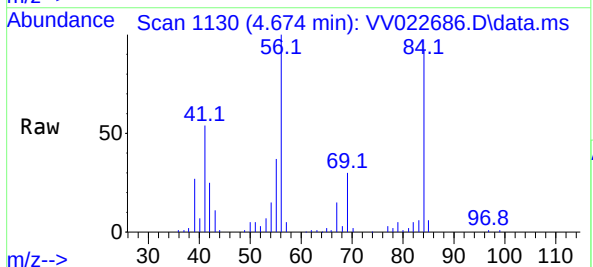
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.2	76.8
61	41.4	33.2	49.8

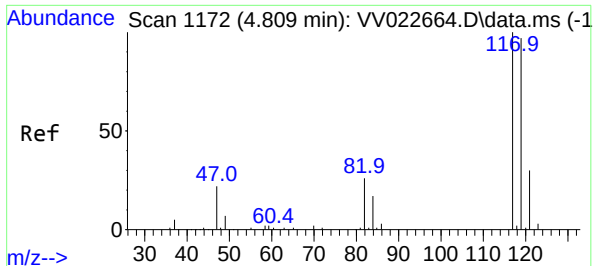


#30
Cyclohexane
Concen: 4.486 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.023 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 56 Resp: 55173

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.9	37.3
84	92.1	72.5	108.7

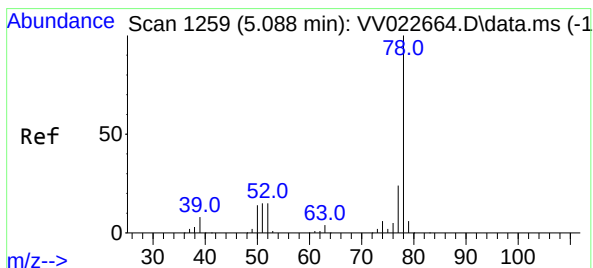
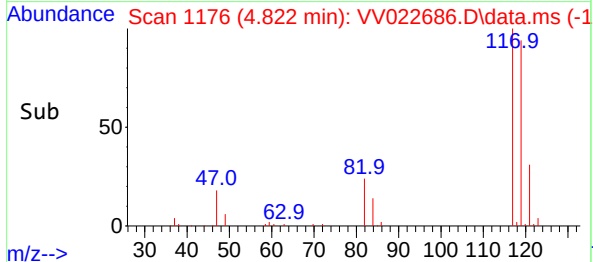
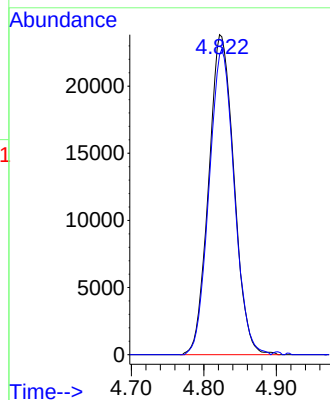
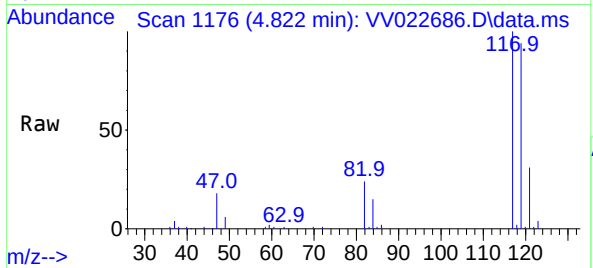




#31
Carbon tetrachloride
Concen: 4.986 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

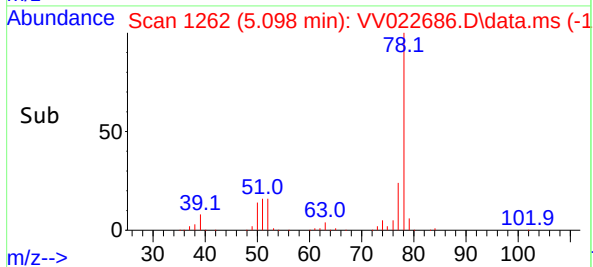
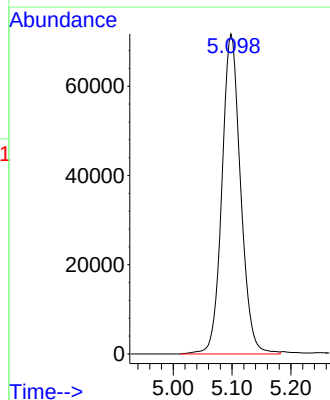
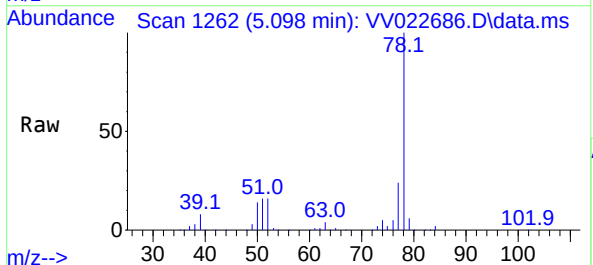
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

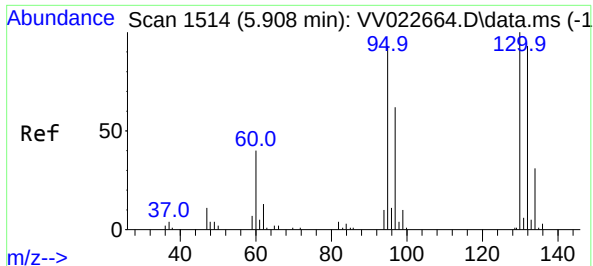
Tgt Ion:117 Resp: 57680
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0



#33
Benzene
Concen: 5.040 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 78 Resp: 158426





#34

Trichloroethene

Concen: 4.833 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.007 min

Lab File: VV022686.D

Acq: 08 Oct 2021 00:40

Tgt Ion: 95 Resp: 41313

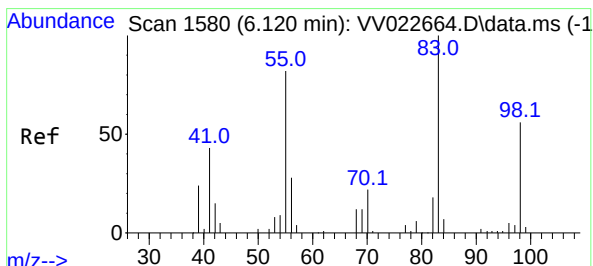
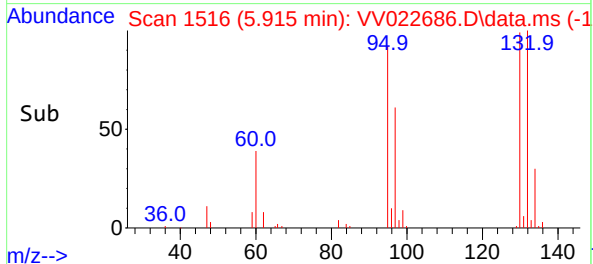
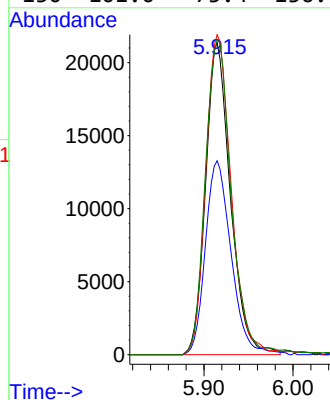
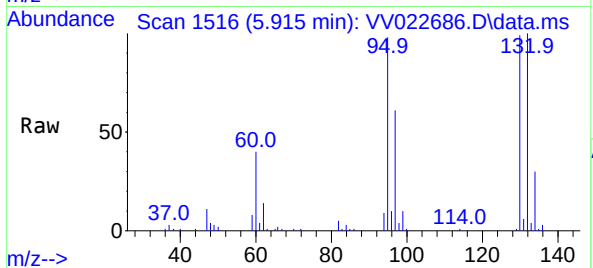
Ion Ratio Lower Upper

95 100

97 62.1 45.8 85.2

132 102.5 72.2 134.0

130 101.0 73.4 136.4



#35

Methylcyclohexane

Concen: 4.599 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.010 min

Lab File: VV022686.D

Acq: 08 Oct 2021 00:40

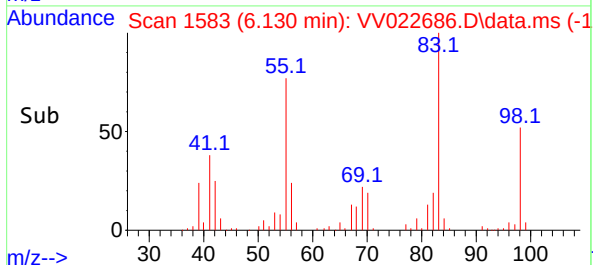
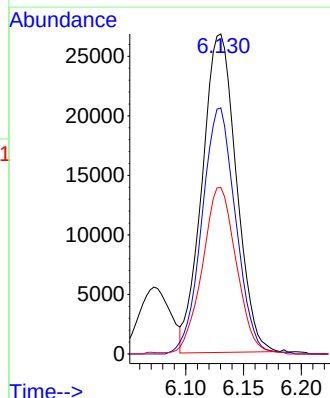
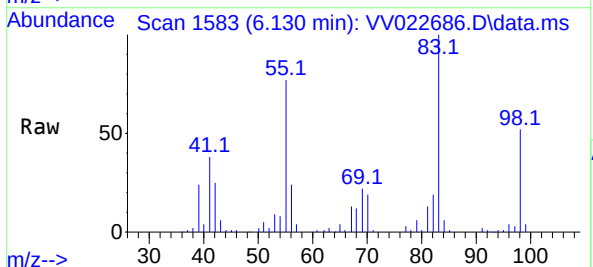
Tgt Ion: 83 Resp: 55070

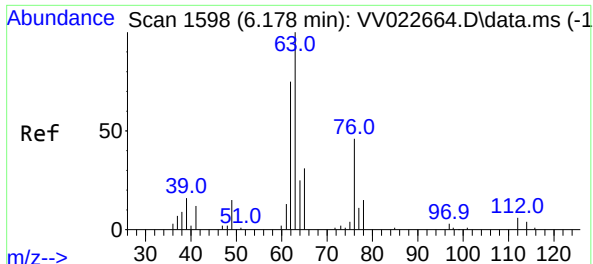
Ion Ratio Lower Upper

83 100

55 76.5 63.8 95.6

98 52.1 42.1 63.1

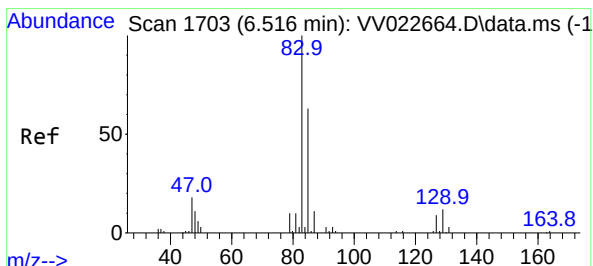
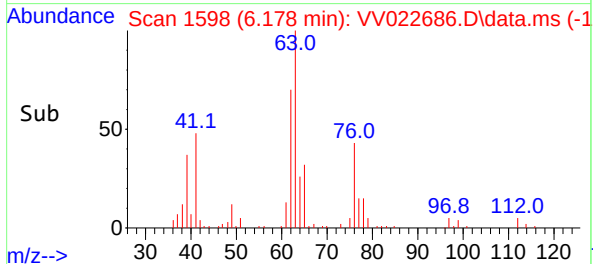
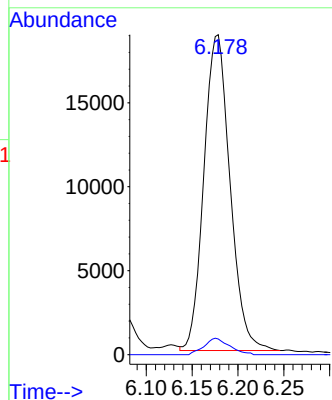
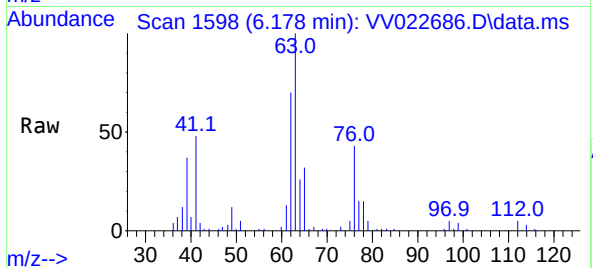




#37
1,2-Dichloropropane
Concen: 4.934 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

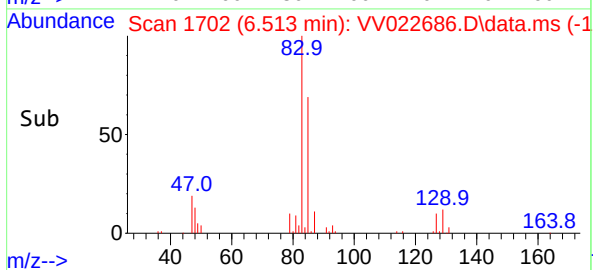
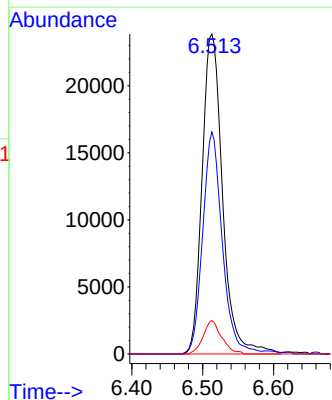
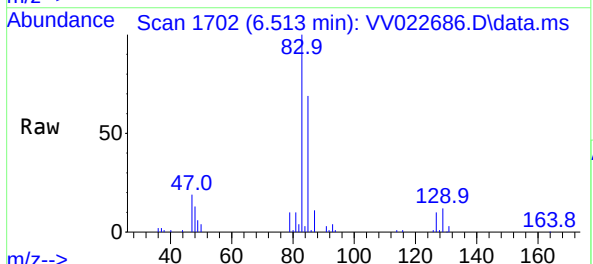
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

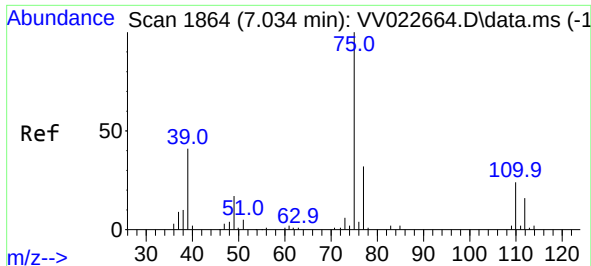
Tgt Ion: 63 Resp: 37303
Ion Ratio Lower Upper
63 100
112 5.0 4.4 6.6



#38
Bromodichloromethane
Concen: 5.139 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 83 Resp: 47868
Ion Ratio Lower Upper
83 100
85 69.4 44.3 82.3
127 10.5 7.7 11.5

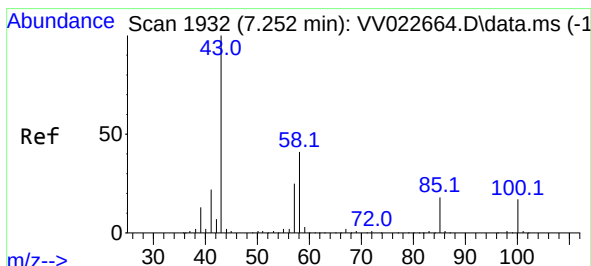
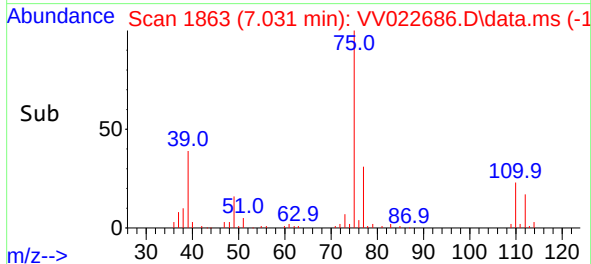
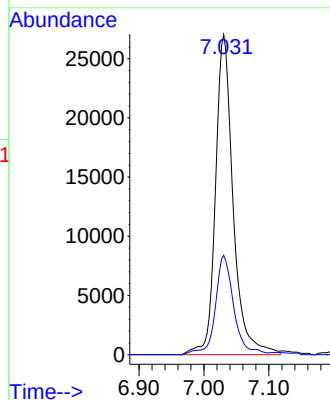
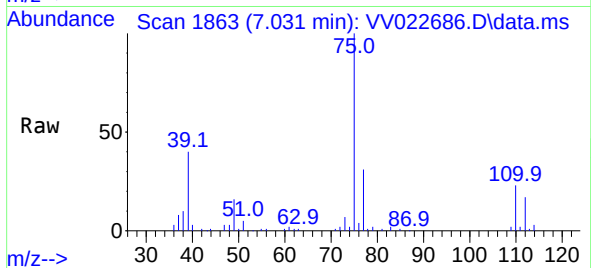




#39
cis-1,3-Dichloropropene
Concen: 5.094 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

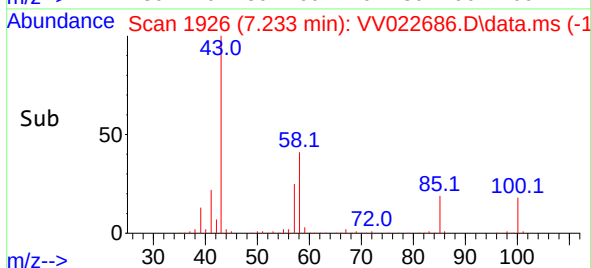
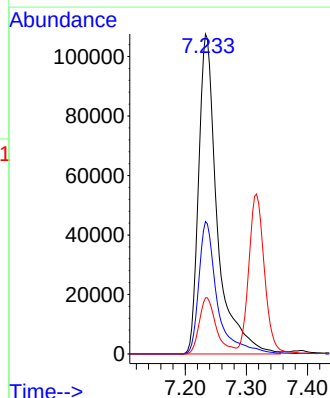
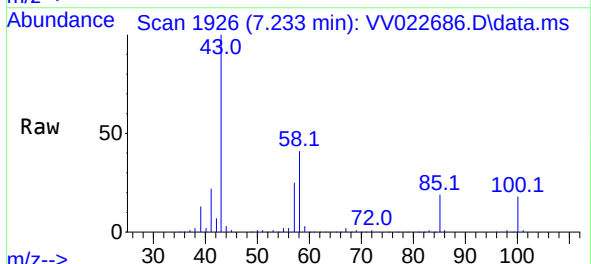
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

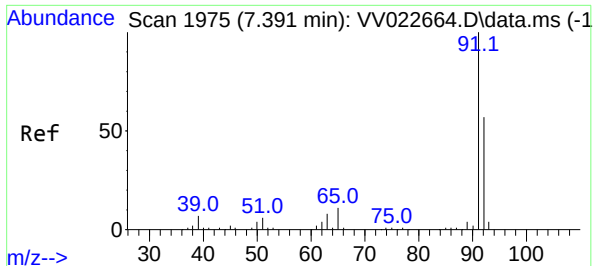
Tgt Ion: 75 Resp: 50975
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 56.216 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. -0.019 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 43 Resp: 228346
Ion Ratio Lower Upper
43 100
58 40.9 32.0 48.0
100 16.3 14.2 21.2

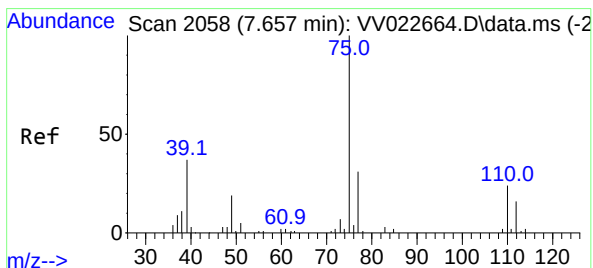
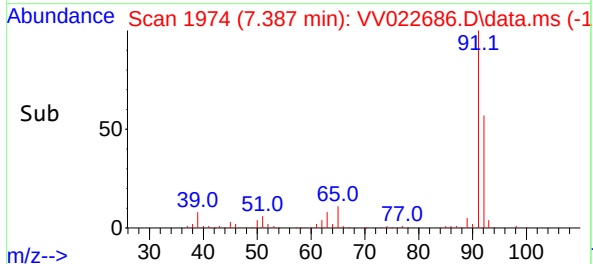
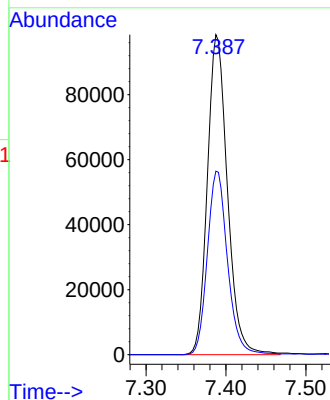
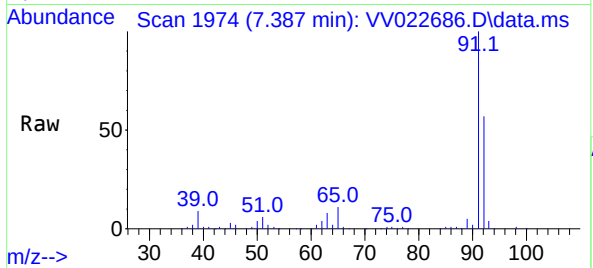




#42
Toluene
Concen: 5.371 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

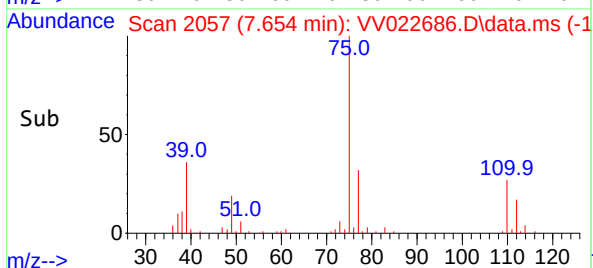
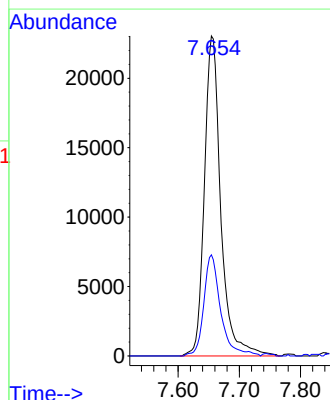
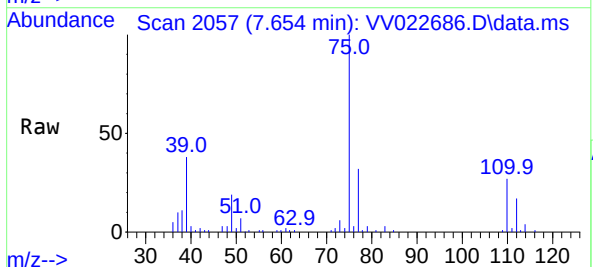
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

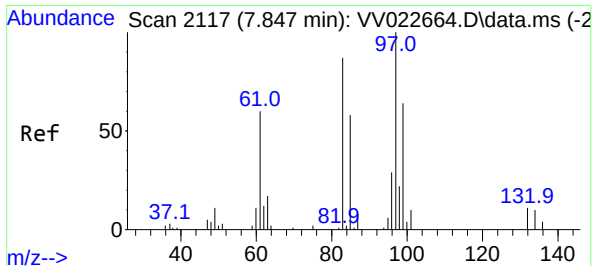
Tgt Ion: 91 Resp: 171394
Ion Ratio Lower Upper
91 100
92 57.4 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.272 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 75 Resp: 43014
Ion Ratio Lower Upper
75 100
77 31.6 23.9 44.5



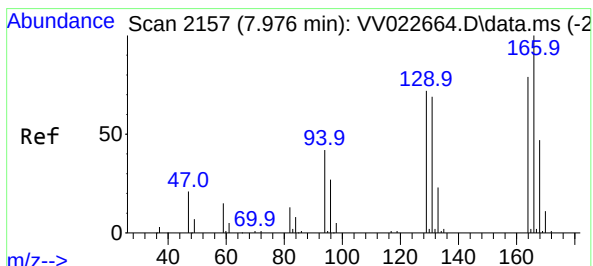
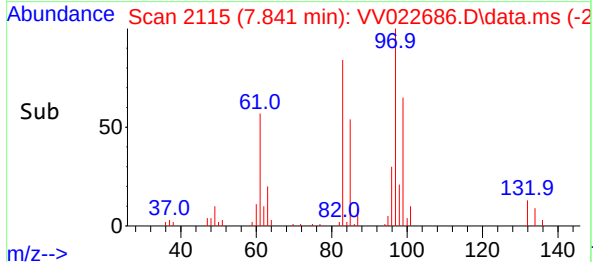
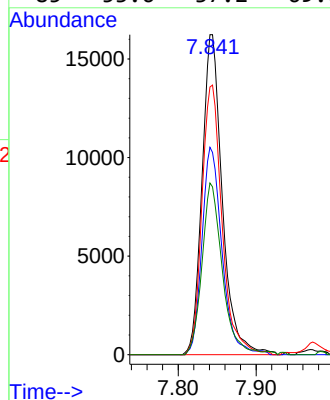
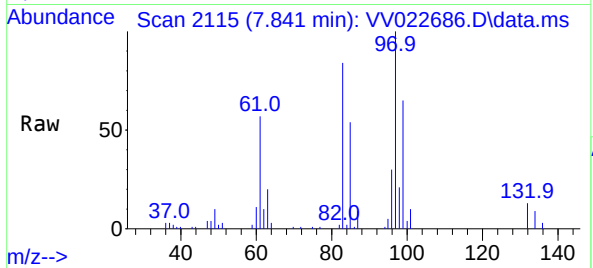


#45
1,1,2-Trichloroethane
Concen: 5.236 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

Tgt Ion: 97 Resp: 29373

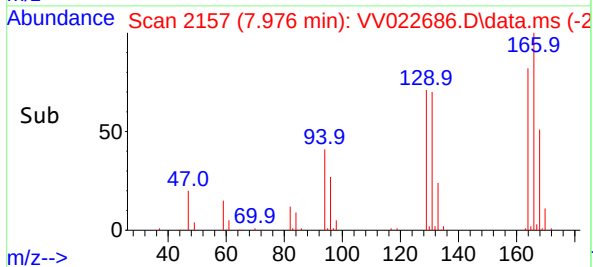
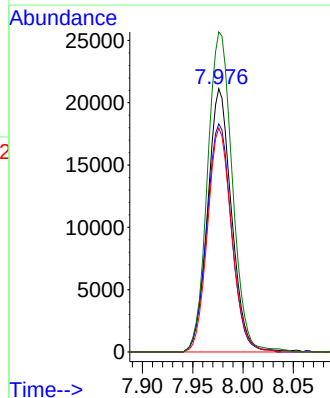
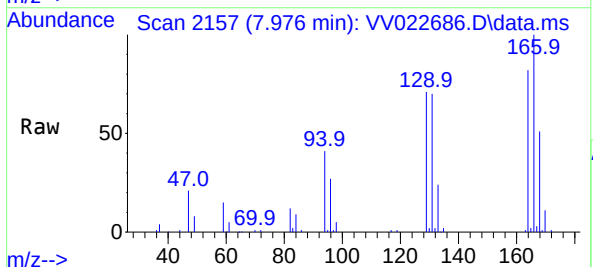
Ion	Ratio	Lower	Upper
97	100		
99	64.8	44.5	82.7
83	83.7	56.6	105.0
85	53.6	37.2	69.0

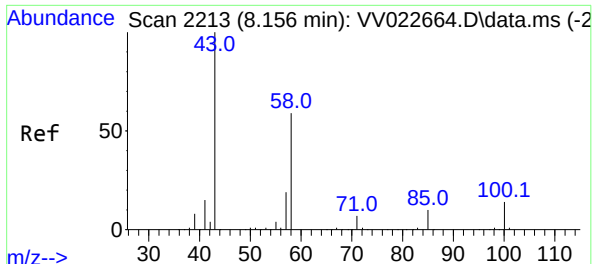


#47
Tetrachloroethene
Concen: 5.048 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 164 Resp: 34893

Ion	Ratio	Lower	Upper
164	100		
129	86.7	65.0	120.6
131	85.0	62.2	115.4
166	121.6	89.2	165.8



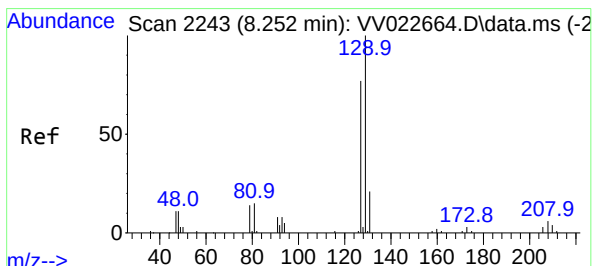
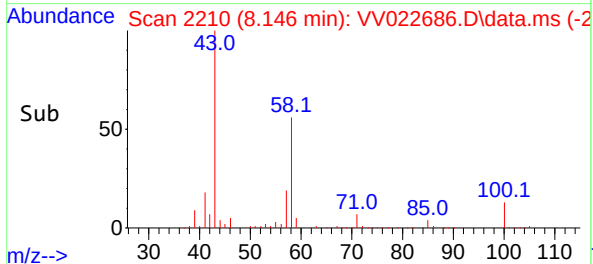
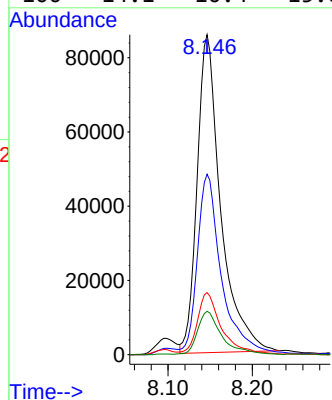
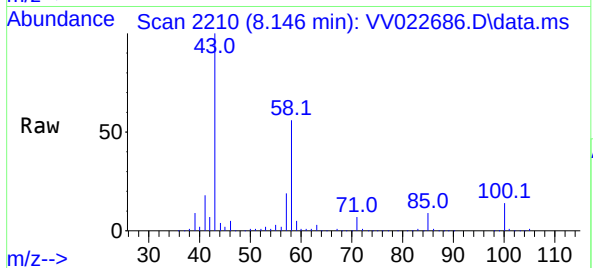


#48
2-Hexanone
Concen: 56.372 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

Tgt Ion: 43 Resp: 167422

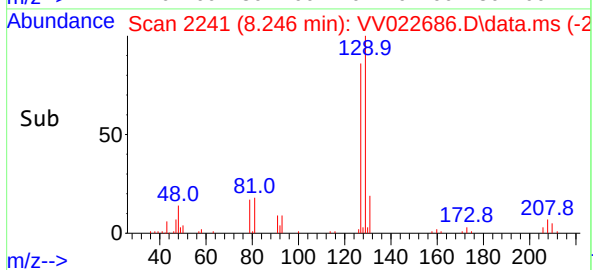
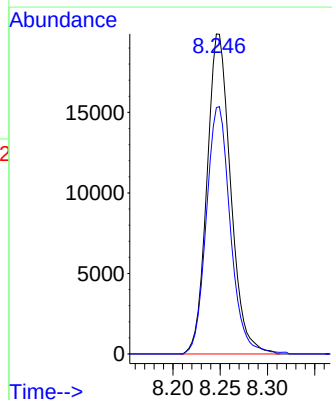
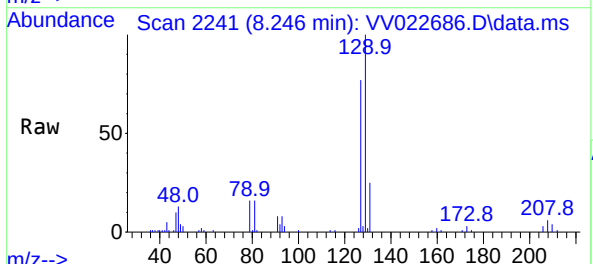
Ion	Ratio	Lower	Upper
43	100		
58	58.2	47.4	71.0
57	20.0	15.3	22.9
100	14.1	10.4	15.6

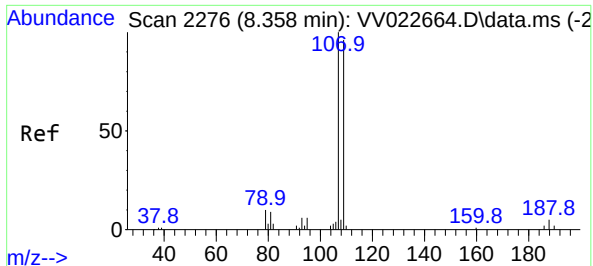


#49
Dibromochloromethane
Concen: 5.278 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.006 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 129 Resp: 34658

Ion	Ratio	Lower	Upper
129	100		
127	76.9	59.1	109.9

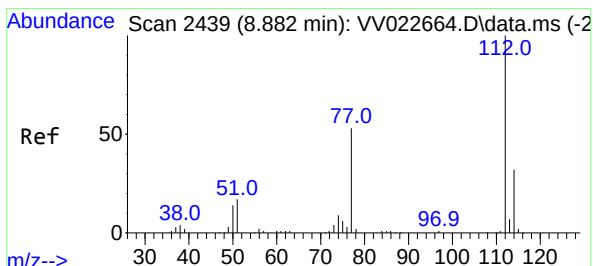
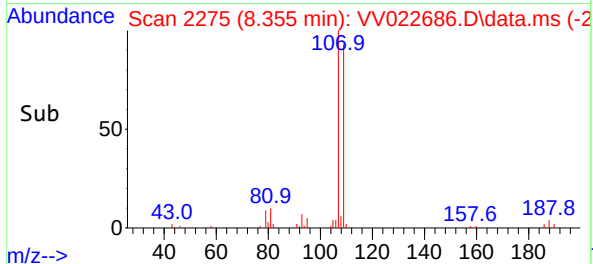
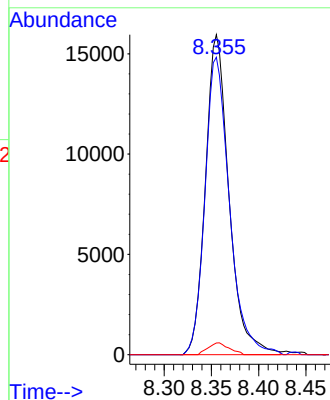
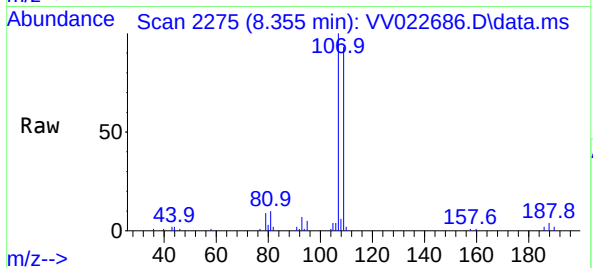




#50
1,2-Dibromoethane
Concen: 5.276 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

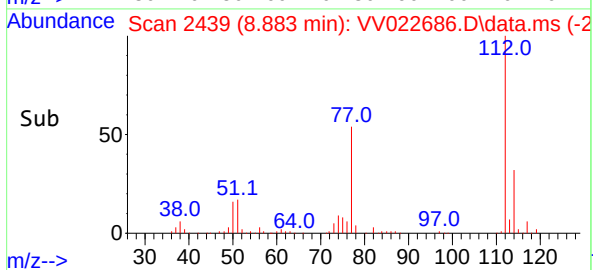
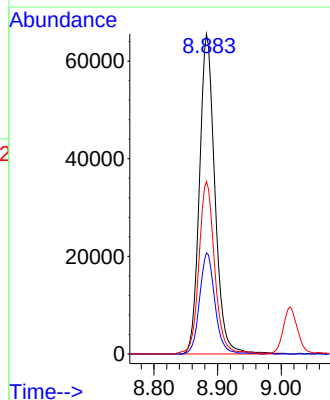
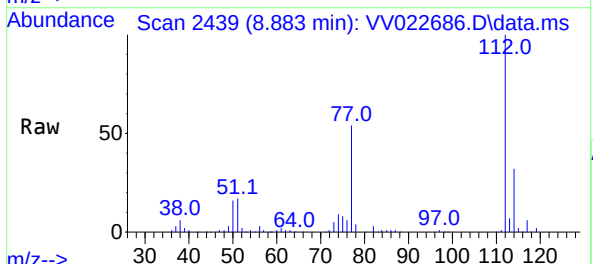
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

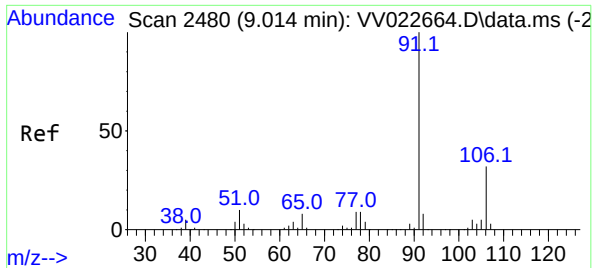
Tgt Ion:107 Resp: 27637
Ion Ratio Lower Upper
107 100
109 93.0 67.1 124.5
188 3.7 3.4 5.0



#51
Chlorobenzene
Concen: 5.264 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:112 Resp: 110379
Ion Ratio Lower Upper
112 100
114 31.6 21.6 40.2
77 53.9 43.7 65.5

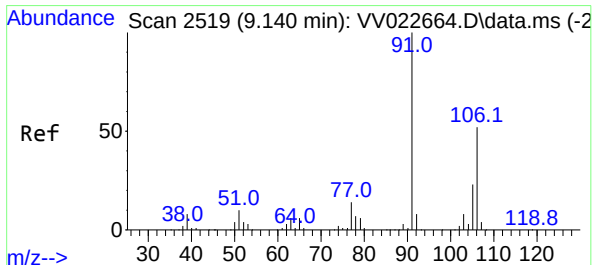
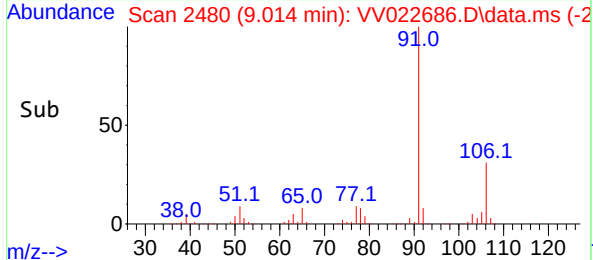
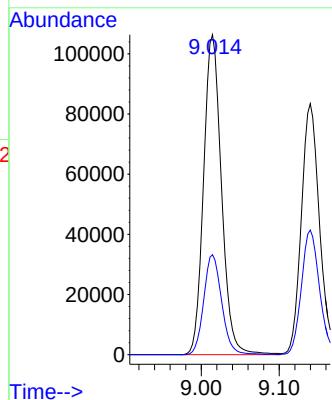
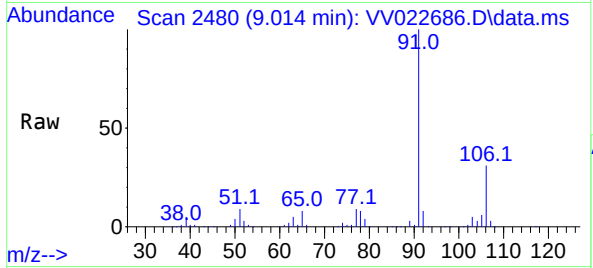




#52
Ethylbenzene
Concen: 5.244 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

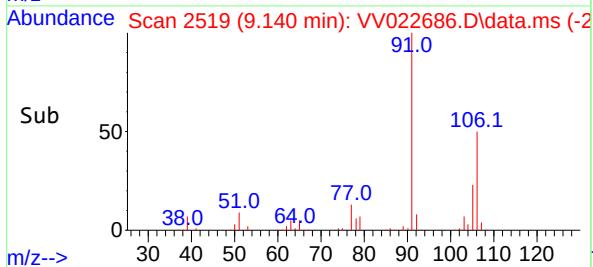
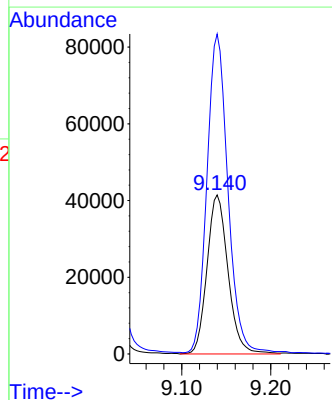
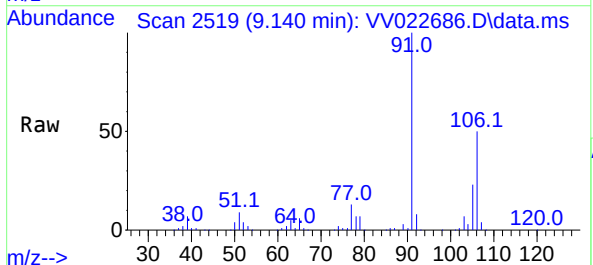
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

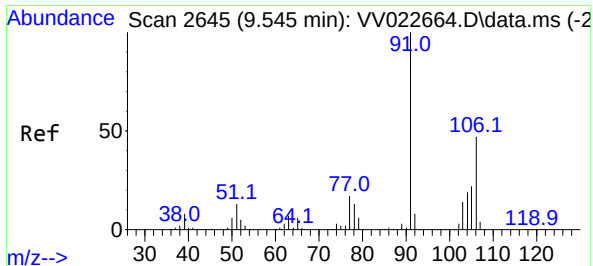
Tgt Ion: 91 Resp: 169874
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-xylene
Concen: 5.347 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 106 Resp: 67977
Ion Ratio Lower Upper
106 100
91 201.3 138.7 257.5

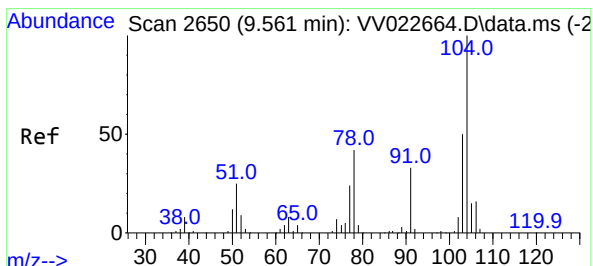
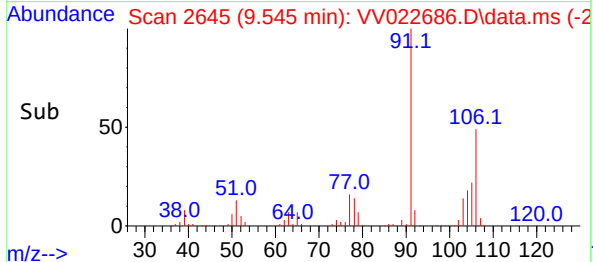
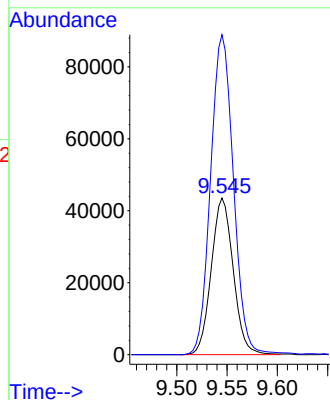
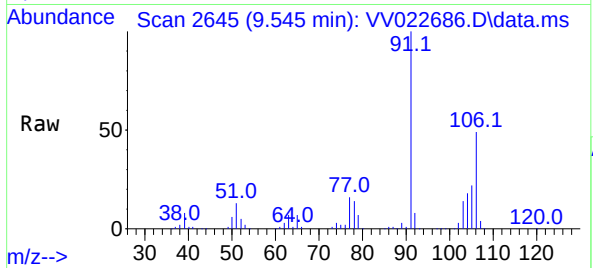




#54
o-xylene
Concen: 5.534 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

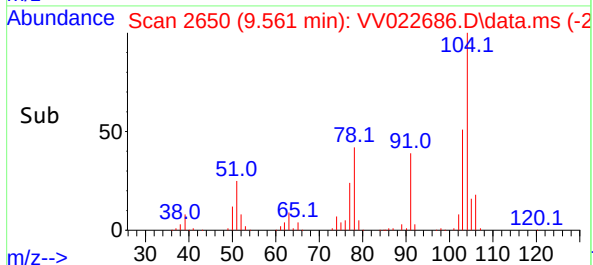
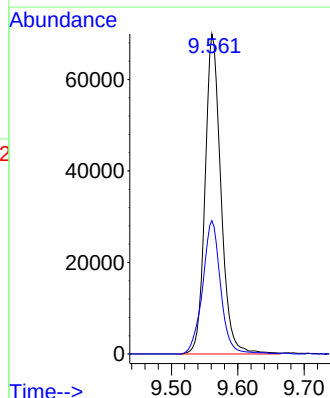
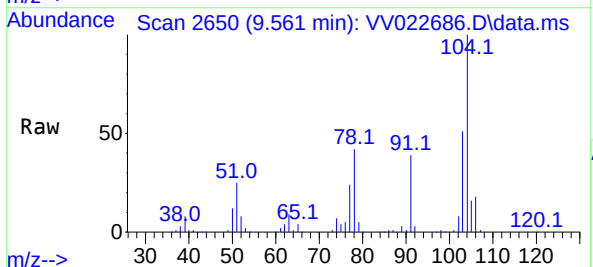
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

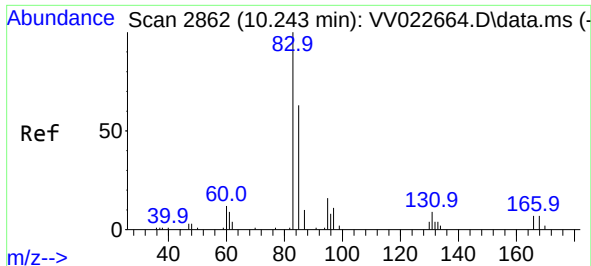
Tgt Ion:106 Resp: 66196
Ion Ratio Lower Upper
106 100
91 204.3 151.1 280.7



#55
Styrene
Concen: 5.635 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:104 Resp: 116142
Ion Ratio Lower Upper
104 100
78 41.7 29.5 54.7

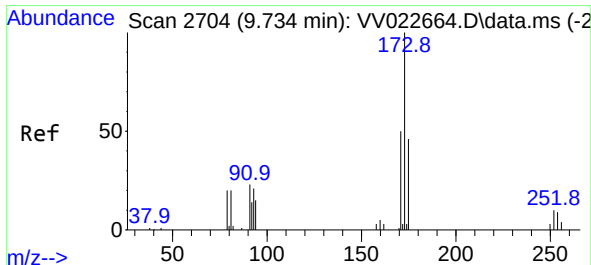
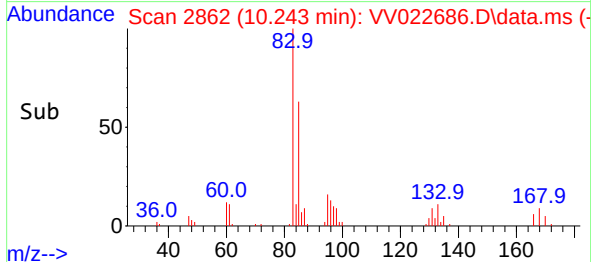
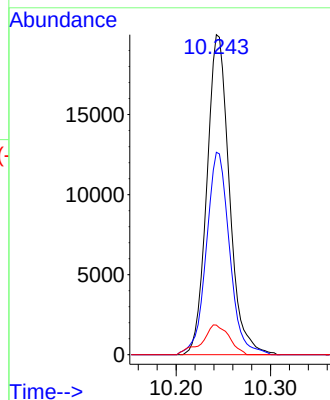
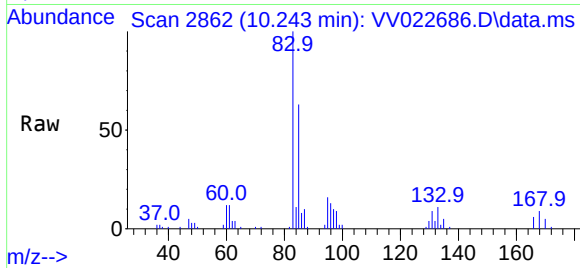




#57
1,1,2,2-Tetrachloroethane
Concen: 5.823 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

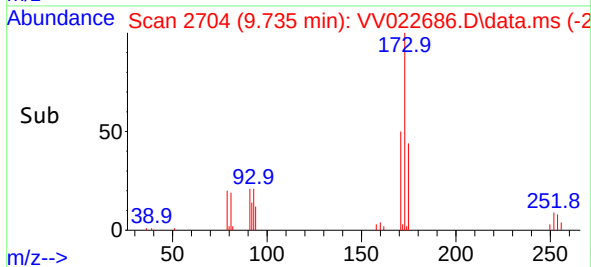
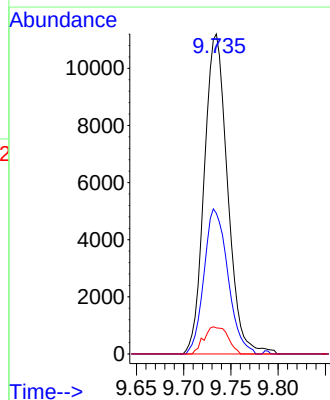
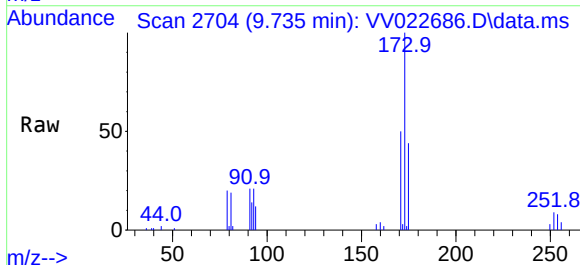
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

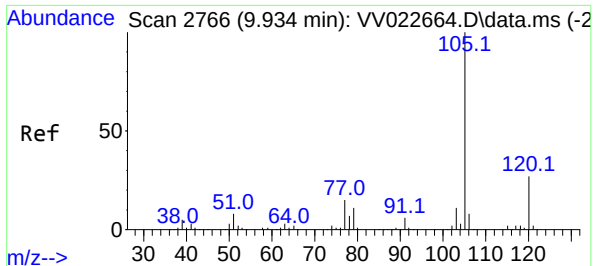
Tgt Ion:	83	Resp:	33047
Ion	Ratio	Lower	Upper
83	100		
85	63.2	46.0	85.4
131	9.3	8.4	12.6



#59
Bromoform
Concen: 5.377 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:	173	Resp:	19226
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.3	57.5
254	8.7	7.1	10.7

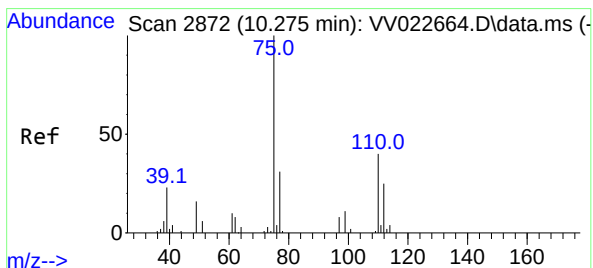
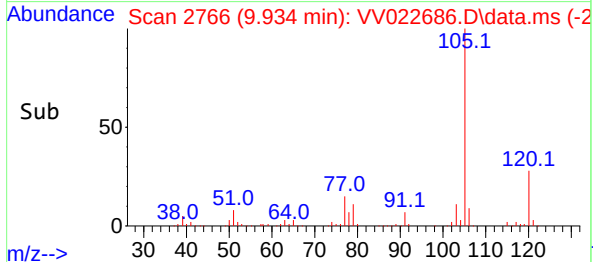
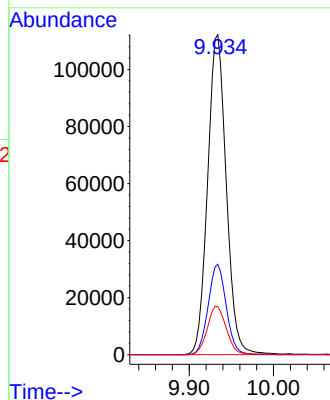
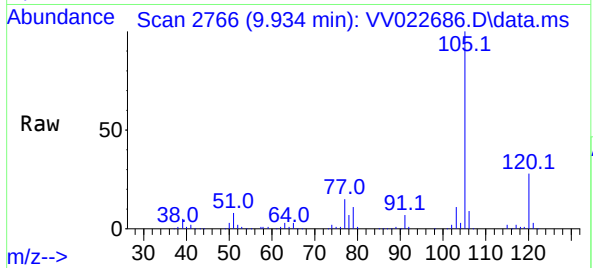




#60
Isopropylbenzene
Concen: 5.334 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

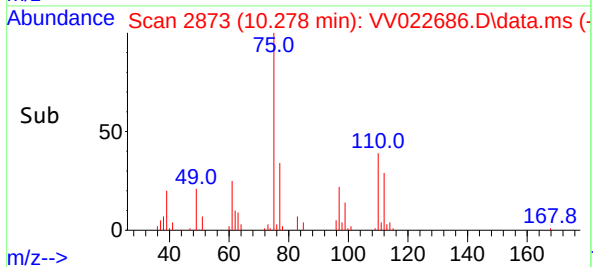
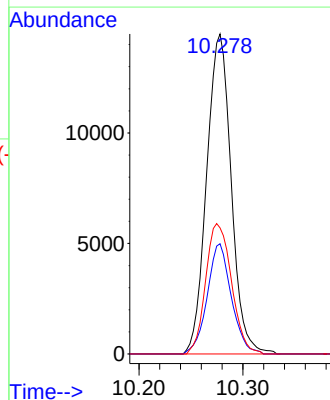
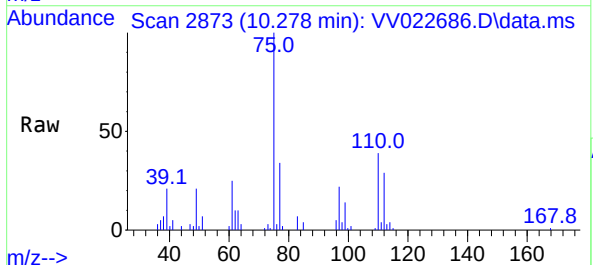
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

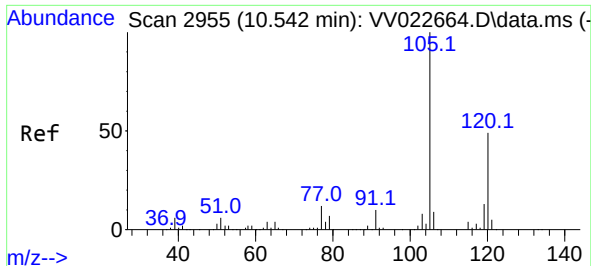
Tgt Ion:105 Resp: 172936
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.8
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.357 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 75 Resp: 23757
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2
110 42.8 34.2 51.4

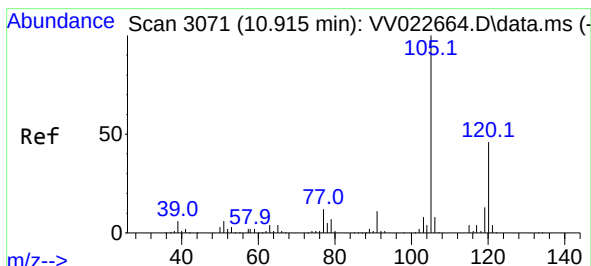
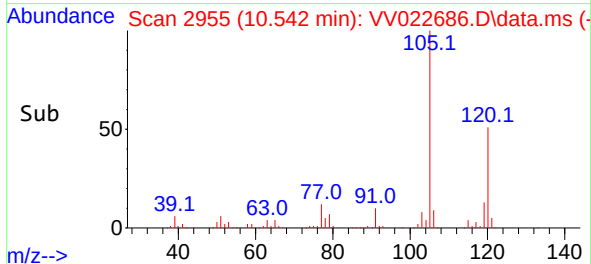
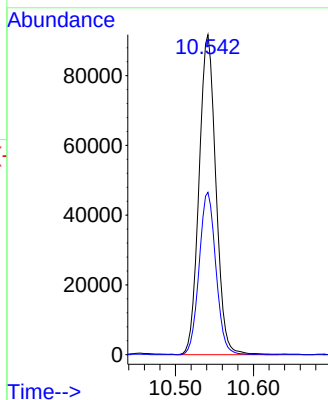
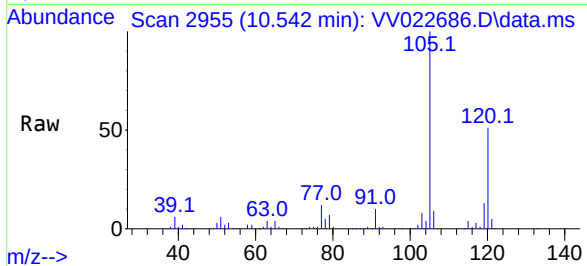




#62
1,3,5-Trimethylbenzene
Concen: 5.257 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

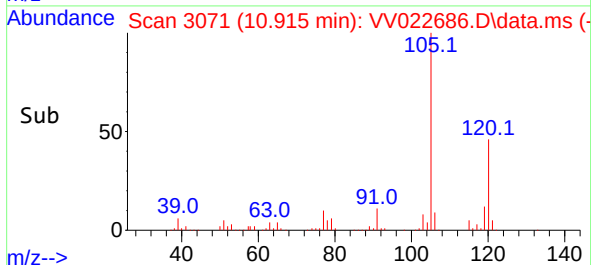
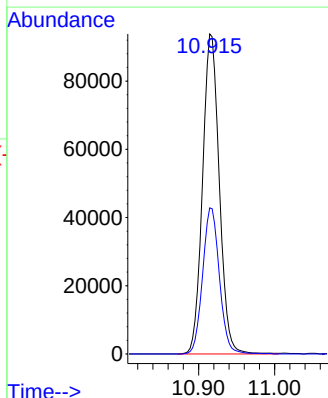
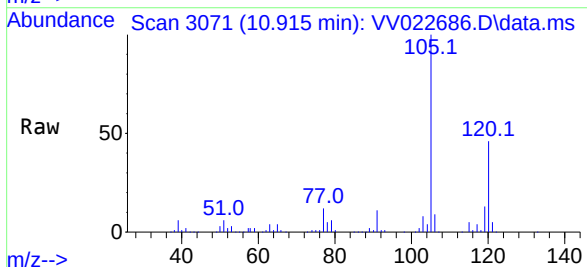
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

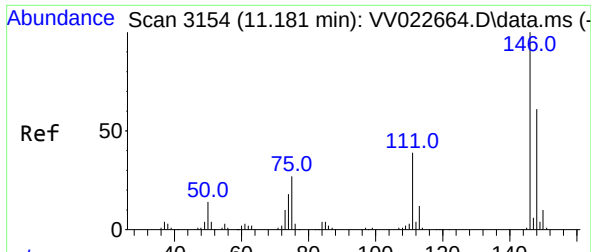
Tgt Ion:105 Resp: 137720
Ion Ratio Lower Upper
105 100
120 50.5 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.476 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:105 Resp: 143550
Ion Ratio Lower Upper
105 100
120 45.5 37.3 55.9



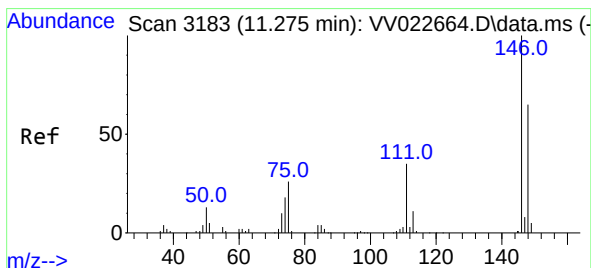
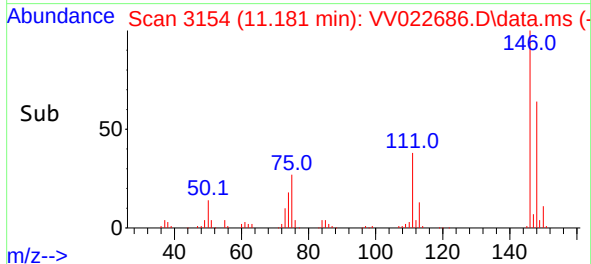
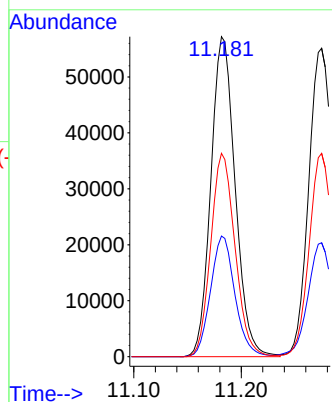
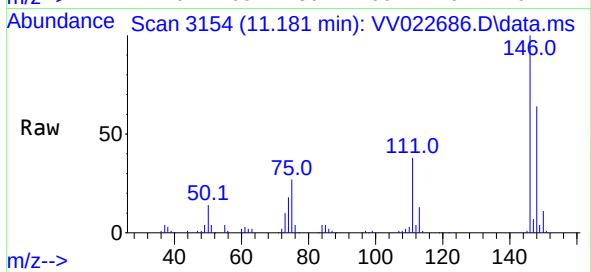


#64
1,3-Dichlorobenzene
Concen: 5.273 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

Tgt Ion:146 Resp: 89725

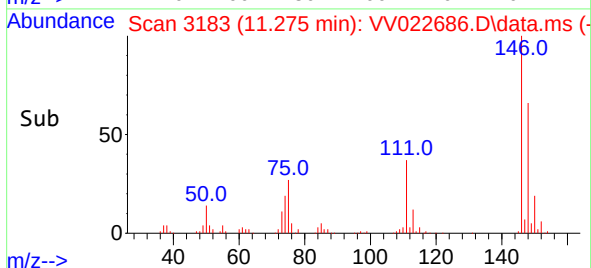
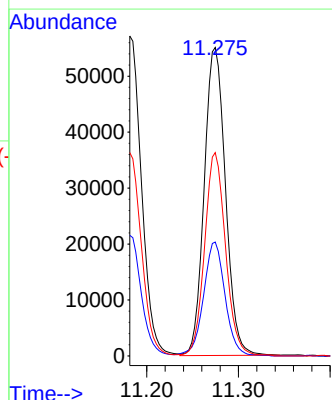
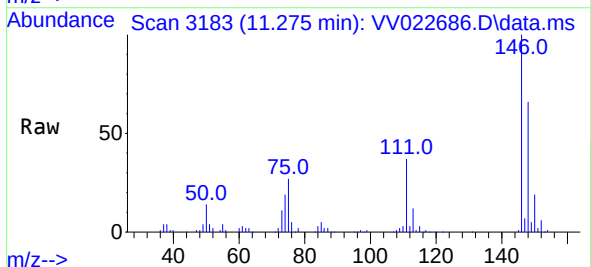
Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.7	49.5
148	63.5	45.1	83.9

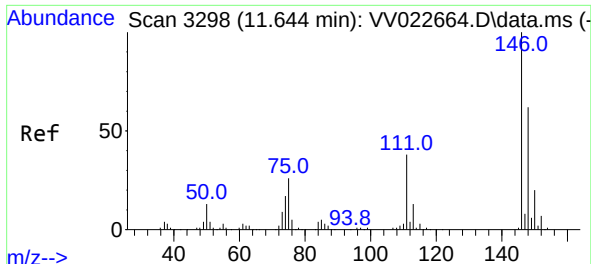


#65
1,4-Dichlorobenzene
Concen: 5.133 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:146 Resp: 88681

Ion	Ratio	Lower	Upper
146	100		
111	36.9	25.6	47.4
148	66.0	44.9	83.5

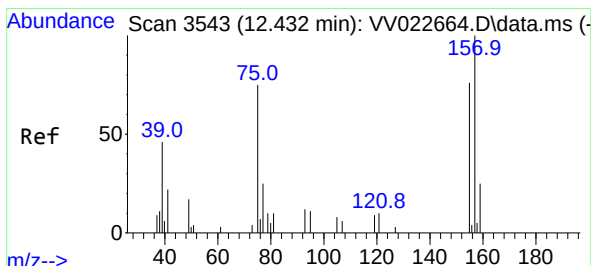
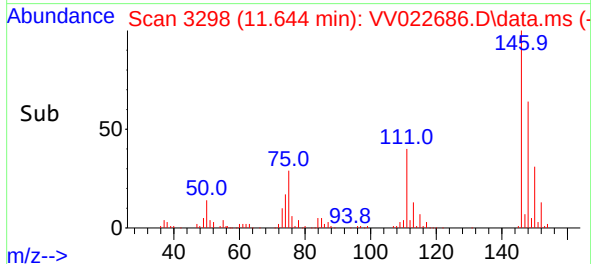
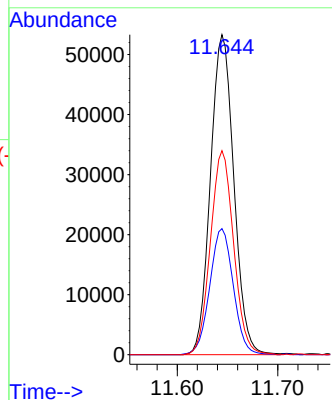
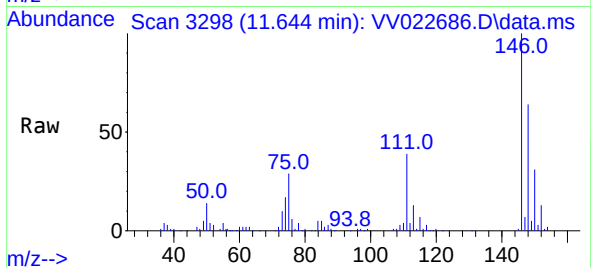




#67
1,2-Dichlorobenzene
Concen: 5.402 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

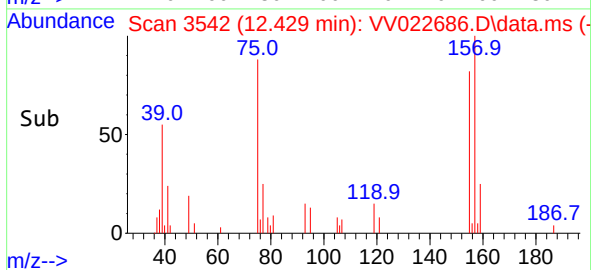
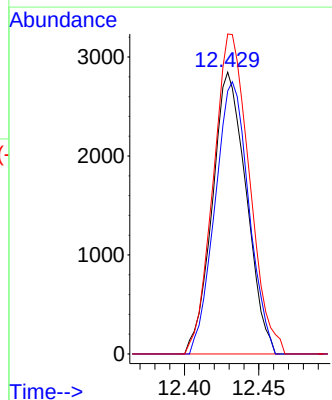
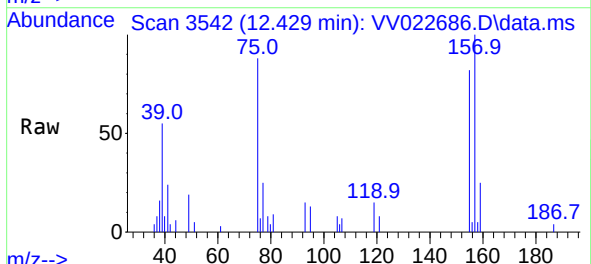
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

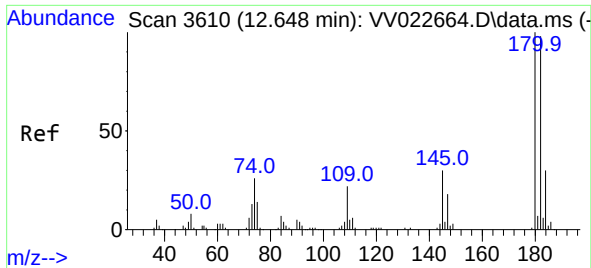
Tgt Ion:146 Resp: 86231
Ion Ratio Lower Upper
146 100
111 39.4 32.3 48.5
148 63.7 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.601 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion: 75 Resp: 4521
Ion Ratio Lower Upper
75 100
155 93.4 82.4 123.6
157 113.6 114.1 171.1#

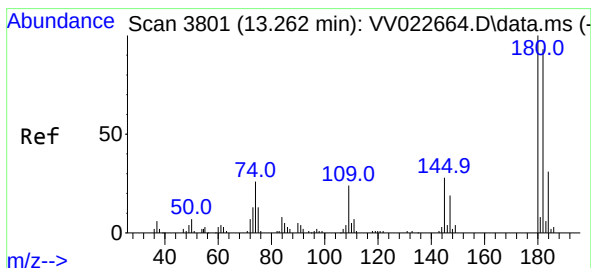
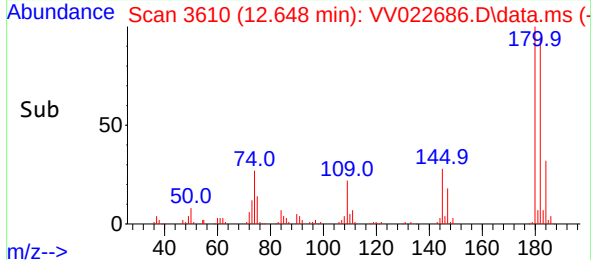
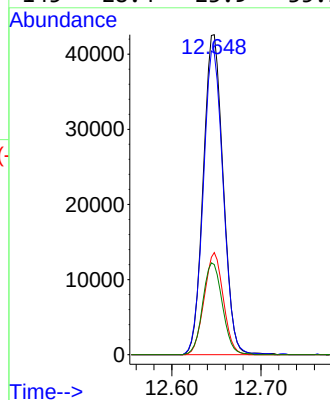
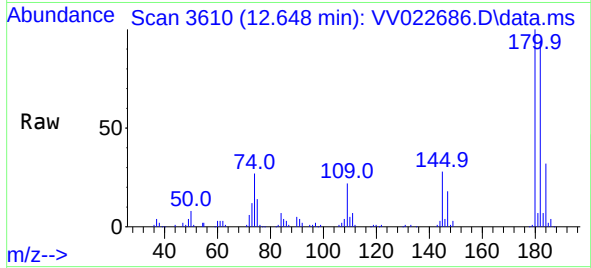




#69
1,3,5-Trichlorobenzene
Concen: 5.133 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

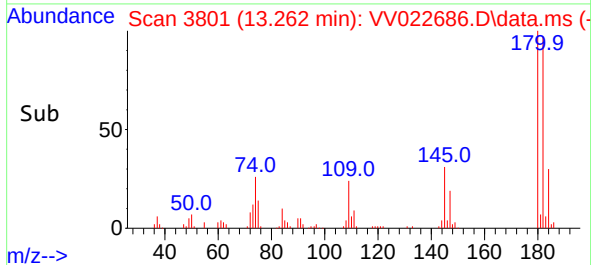
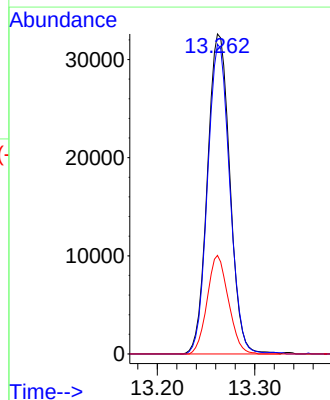
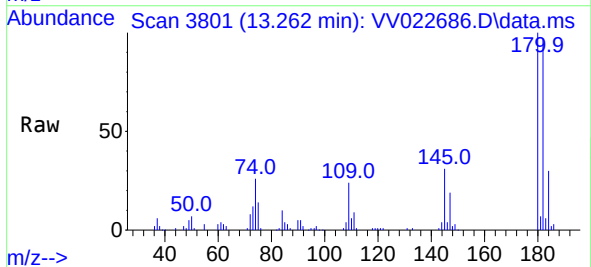
Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

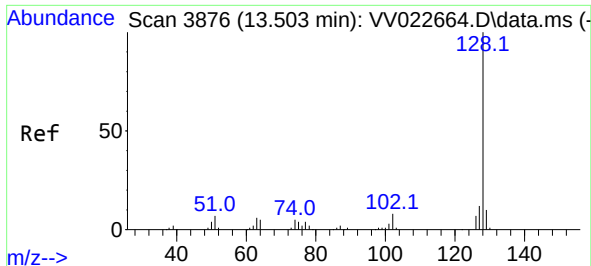
Tgt Ion:180 Resp: 65800
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
184 30.7 24.5 36.7
145 28.4 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 5.312 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:180 Resp: 52015
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 29.2 24.1 36.1

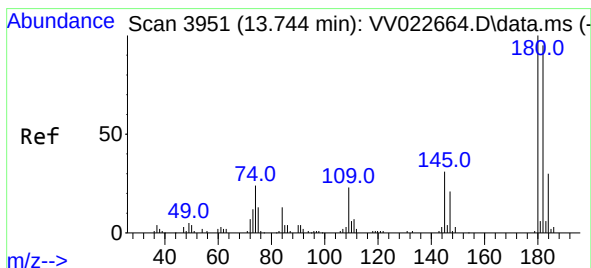
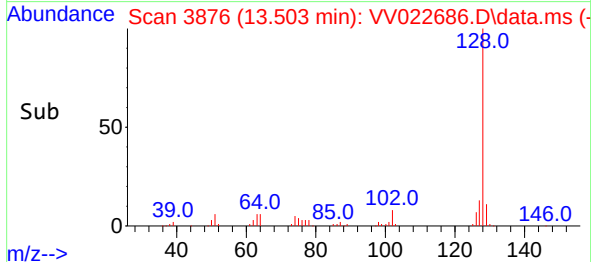
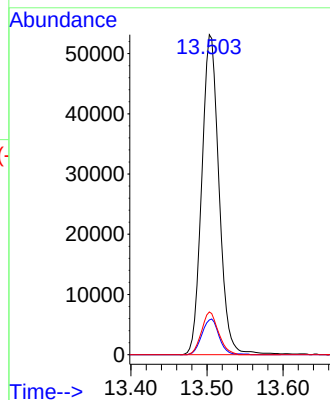
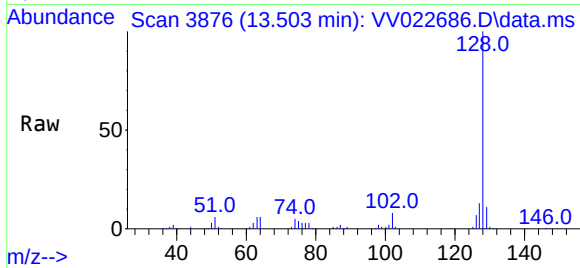




#71
Naphthalene
Concen: 5.364 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampleId :
YAT35MSD

Tgt Ion:	128	Resp:	83485
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.3	13.9
127	13.1	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.487 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022686.D
Acq: 08 Oct 2021 00:40

Tgt Ion:	180	Resp:	50661
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.5	113.3
145	31.7	24.7	37.1

