

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022689.D
 Acq On : 08 Oct 2021 01:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:06:12 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	5.616	114	116778	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	64619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39649	4.935	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.568	69	35994	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.105	63	78232	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	3.925	46	78722	37.368	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.740%
24) Chloroform-d	4.349	84	80610	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.034	65	40518	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.047	84	162341	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.072	67	50792	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	153769	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	7.625	79	15909	4.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.098	63	77739	57.002	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.000%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37076	5.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	59087	4.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	43835	5.150	ug/L	98
3) Chloromethane	1.240	50	44578	5.211	ug/L	98
5) Vinyl chloride	1.307	62	46966	5.314	ug/L	100
6) Bromomethane	1.520	94	29856	5.419	ug/L	96
8) Chloroethane	1.584	64	27285	4.990	ug/L	100
9) Trichlorofluoromethane	1.751	101	67689	5.229	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38920	5.168	ug/L	99
12) 1,1-Dichloroethene	2.114	96	36530	5.179	ug/L	86
13) Acetone	2.198	43	37584	31.994	ug/L	94
14) Carbon disulfide	2.288	76	100353	5.062	ug/L	100
15) Methyl Acetate	2.439	43	11492	3.419	ug/L	93
16) Methylene chloride	2.503	84	40493	4.170	ug/L	95
17) Methyl tert-butyl Ether	2.777	73	89374	5.236	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	38596	5.031	ug/L	98
19) 1,1-Dichloroethane	3.185	63	72503	5.248	ug/L	98
21) 2-Butanone	4.008	43	70650	36.731	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	43348	5.382	ug/L	95
23) Bromochloromethane	4.246	128	20076	5.610	ug/L	98
25) Chloroform	4.375	83	81442	5.085	ug/L	100

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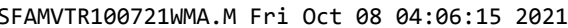
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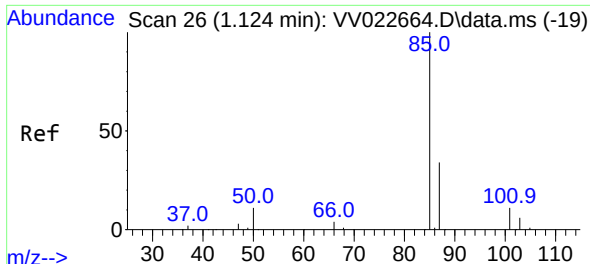
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40067	5.012	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	65122	4.928	ug/L	99
30) Cyclohexane	4.664	56	56938	4.670	ug/L	98
31) Carbon tetrachloride	4.818	117	57432	5.007	ug/L	99
33) Benzene	5.095	78	156582	5.024	ug/L	100
34) Trichloroethene	5.912	95	41614	4.910	ug/L	98
35) Methylcyclohexane	6.127	83	59447	5.007	ug/L	93
37) 1,2-Dichloropropane	6.175	63	37796	5.043	ug/L	100
38) Bromodichloromethane	6.513	83	46626	5.048	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	48187	4.856	ug/L	100
40) 4-Methyl-2-pentanone	7.240	43	222520	55.251	ug/L	96
42) Toluene	7.387	91	168656	5.331	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	41204	5.094	ug/L	94
45) 1,1,2-Trichloroethane	7.844	97	27555	4.954	ug/L	98
47) Tetrachloroethene	7.976	164	35072	5.117	ug/L	99
48) 2-Hexanone	8.149	43	168605	57.256	ug/L	97
49) Dibromochloromethane	8.249	129	33710	5.177	ug/L	95
50) 1,2-Dibromoethane	8.355	107	27492	5.293	ug/L	96
51) Chlorobenzene	8.883	112	107714	5.181	ug/L	98
52) Ethylbenzene	9.014	91	166914	5.196	ug/L	100
53) m,p-xylene	9.140	106	66231	5.254	ug/L	95
54) o-xylene	9.545	106	63509	5.355	ug/L	100
55) Styrene	9.561	104	112479	5.504	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	30998	5.509	ug/L	97
59) Bromoform	9.735	173	18563	5.128	ug/L	100
60) Isopropylbenzene	9.931	105	171426	5.223	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	24121	5.373	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	133204	5.023	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	138736	5.228	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	88928	5.162	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	87670	5.012	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	86143	5.331	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	4032	4.934	ug/L	87
69) 1,3,5-Trichlorobenzene	12.648	180	65452	5.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	50552	5.099	ug/L	99
71) Naphthalene	13.503	128	78674	4.993	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49181	5.261	ug/L	100

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

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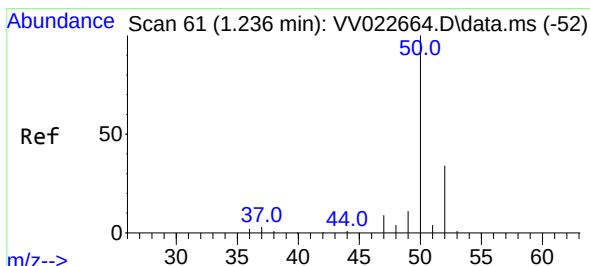
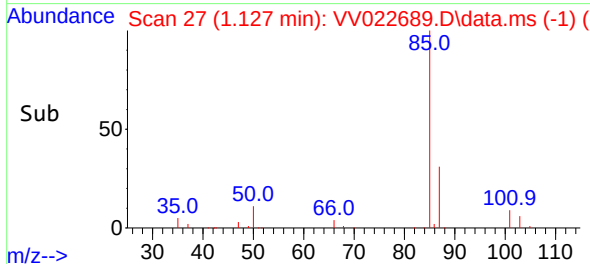
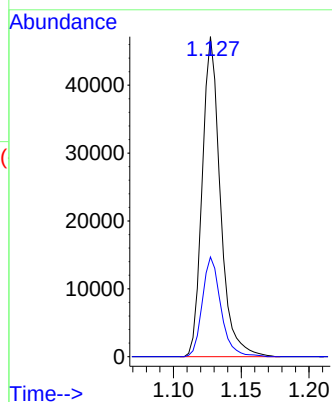
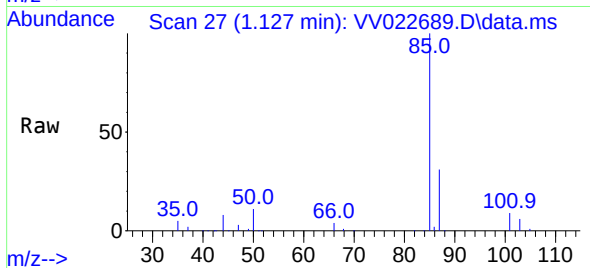




#2
Dichlorodifluoromethane
Concen: 5.150 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

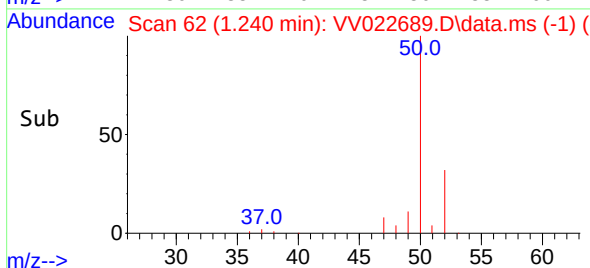
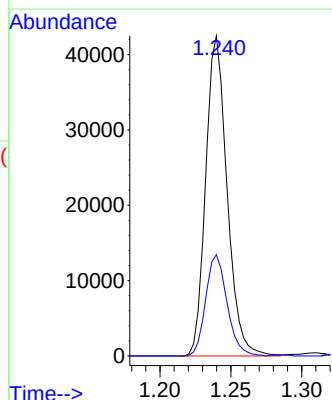
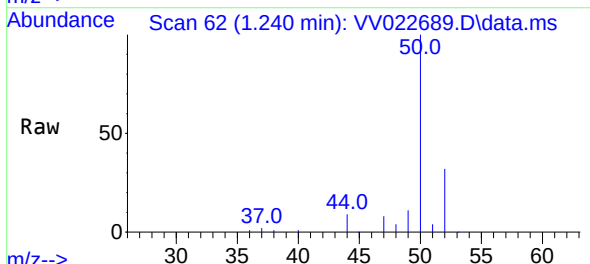
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MSVOA_V
ClientSampled :

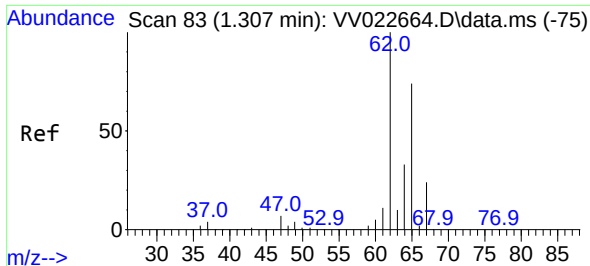
Tgt Ion: 85 Resp: 43835
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5



#3
Chloromethane
Concen: 5.211 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 50 Resp: 44578
Ion Ratio Lower Upper
50 100
52 31.7 22.9 42.5

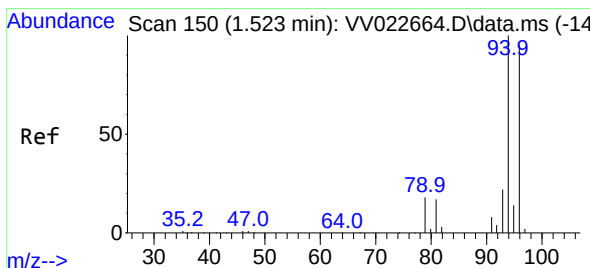
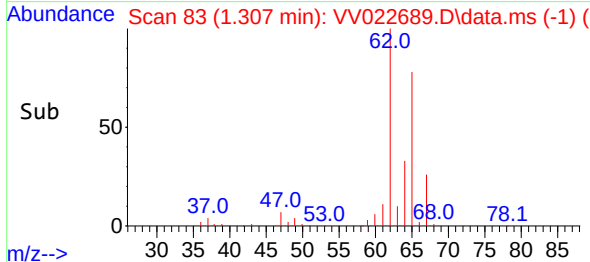
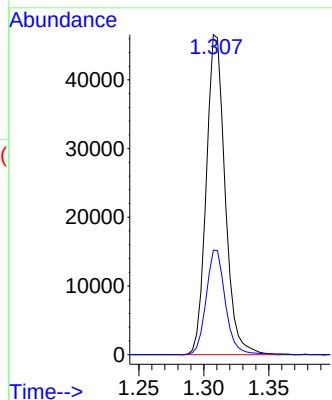
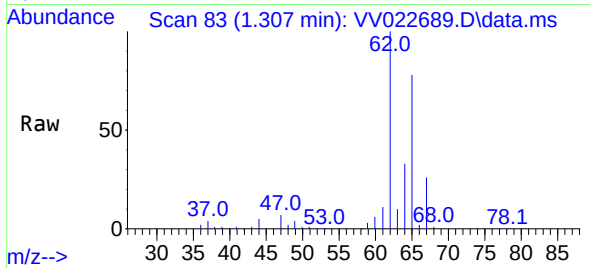




#5
 Vinyl chloride
 Concen: 5.314 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022689.D
 Acq: 08 Oct 2021 01:52

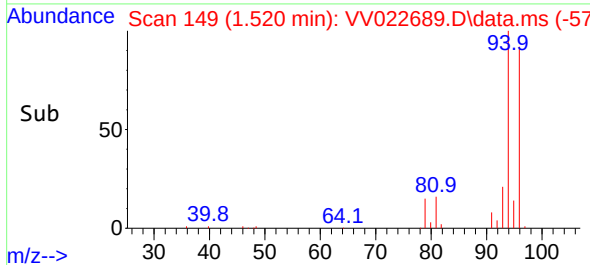
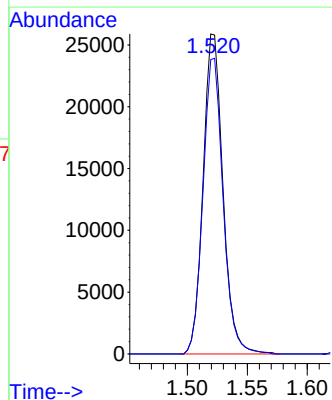
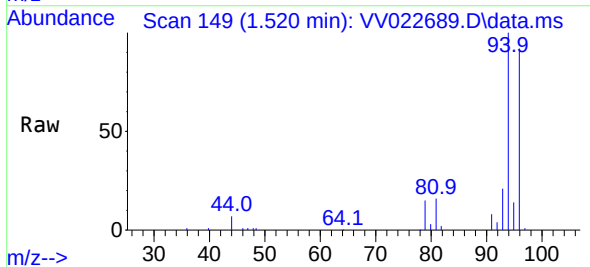
Instrument :
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 ClientSampled :

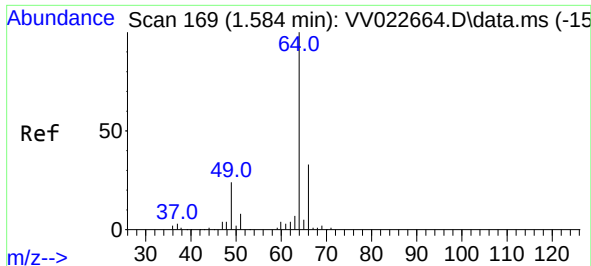
Tgt Ion: 62 Resp: 46966
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.8



#6
 Bromomethane
 Concen: 5.419 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022689.D
 Acq: 08 Oct 2021 01:52

Tgt Ion: 94 Resp: 29856
 Ion Ratio Lower Upper
 94 100
 96 92.0 67.2 124.8

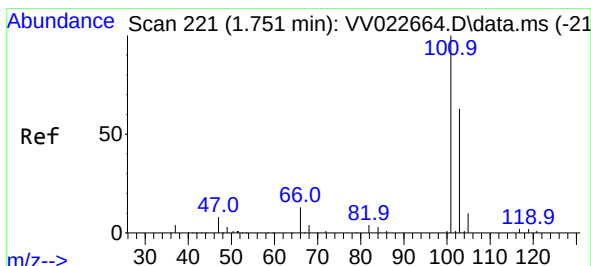
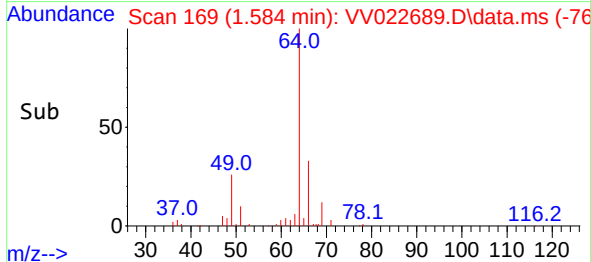
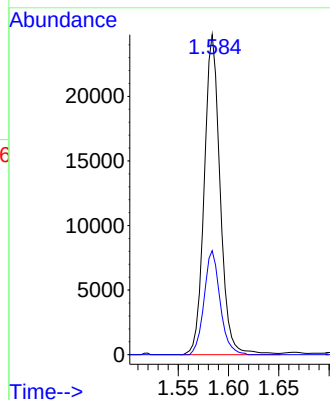
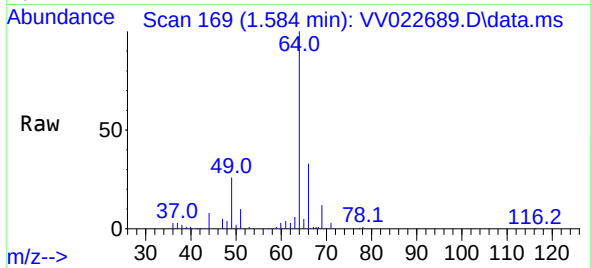




#8
Chloroethane
Concen: 4.990 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

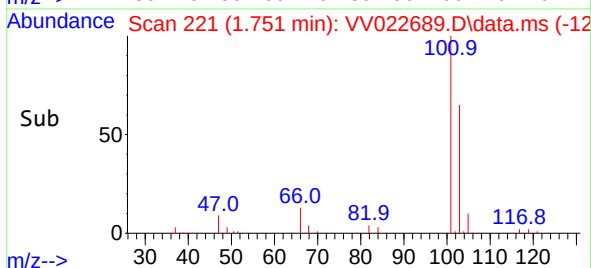
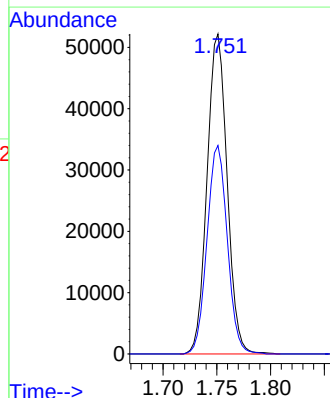
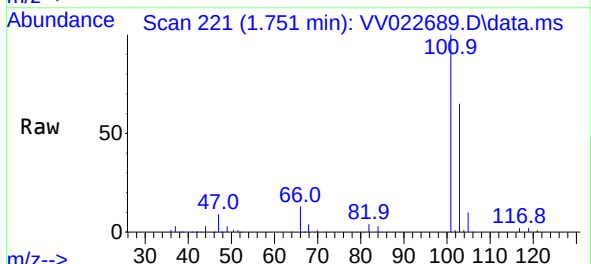
Instrument :
MSVOA_V
ClientSampled :

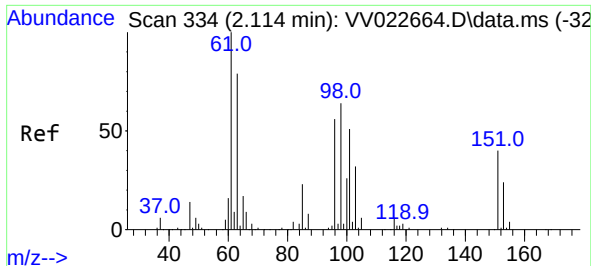
Tgt Ion: 64 Resp: 27285
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.229 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:101 Resp: 67689
Ion Ratio Lower Upper
101 100
103 65.9 50.3 75.5

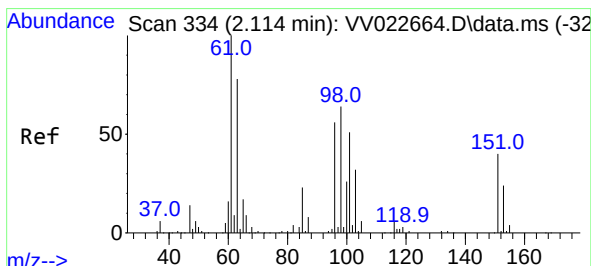
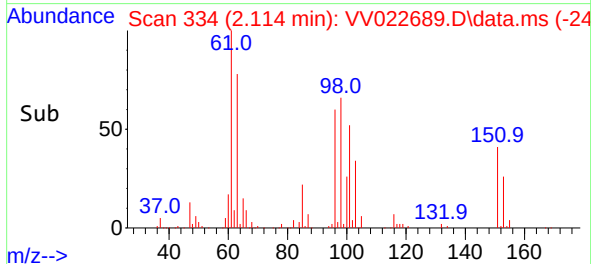
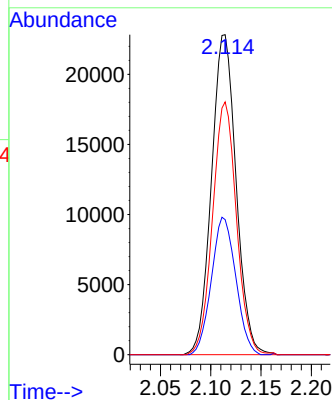
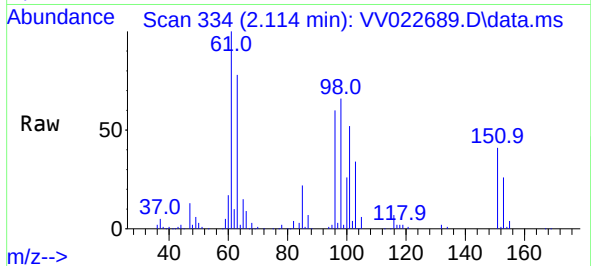




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.168 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

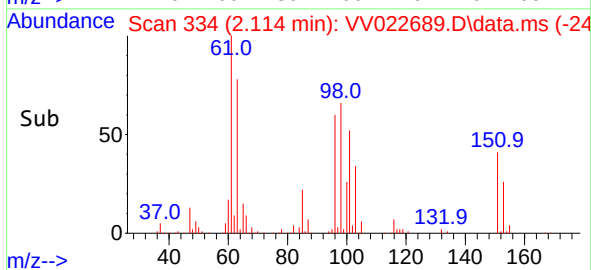
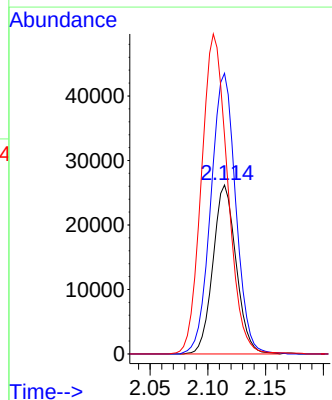
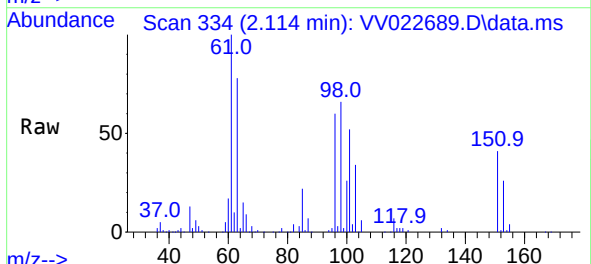
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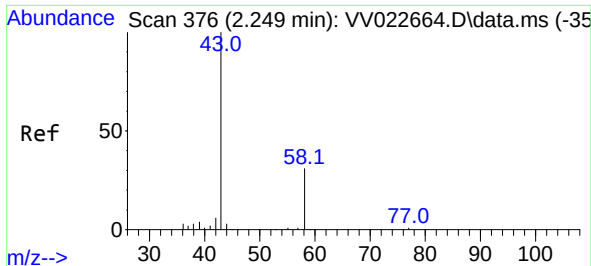
Tgt Ion:101 Resp: 38920
Ion Ratio Lower Upper
101 100
85 42.5 34.6 52.0
151 76.6 60.9 91.3



#12
1,1-Dichloroethene
Concen: 5.179 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 96 Resp: 36530
Ion Ratio Lower Upper
96 100
61 166.1 127.3 236.5
63 129.3 106.2 197.2

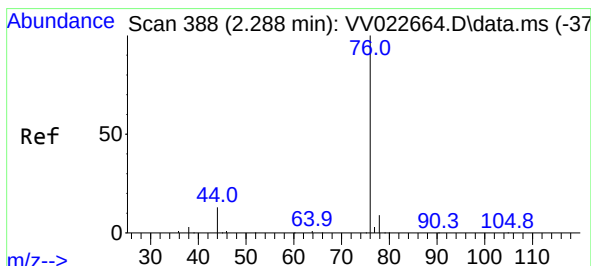
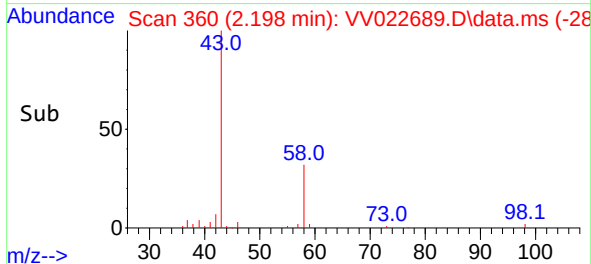
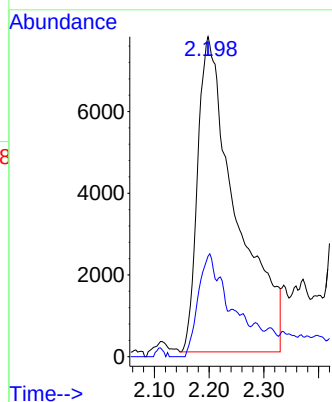
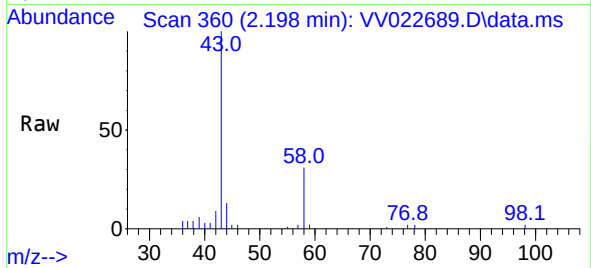




#13
Acetone
Concen: 31.994 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.051 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

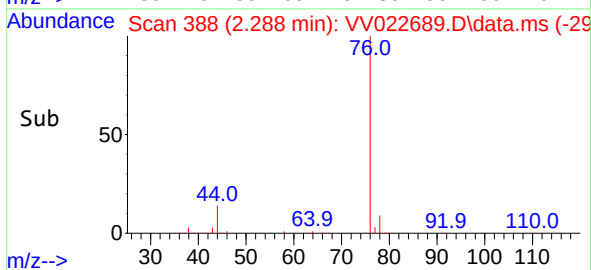
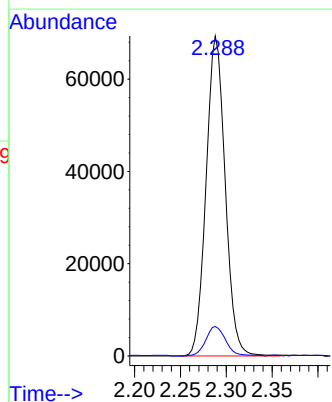
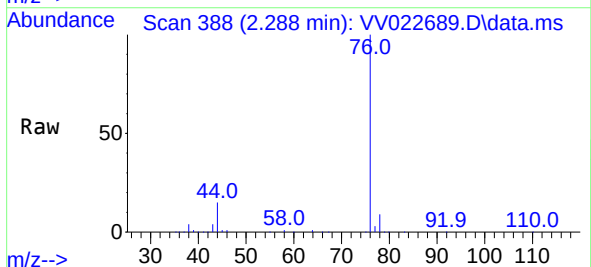
Instrument :
MSVOA_V
ClientSampled :

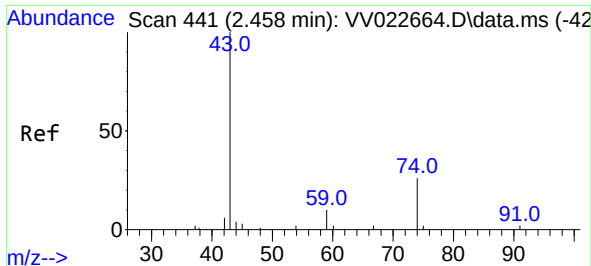
Tgt Ion: 43 Resp: 37584
Ion Ratio Lower Upper
43 100
58 14.4 0.0 24.2



#14
Carbon disulfide
Concen: 5.062 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 76 Resp: 100353
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

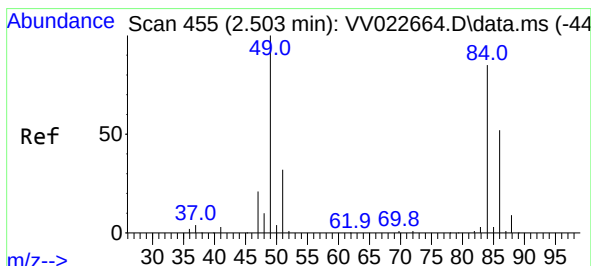
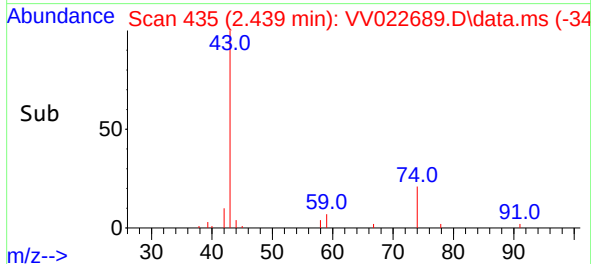
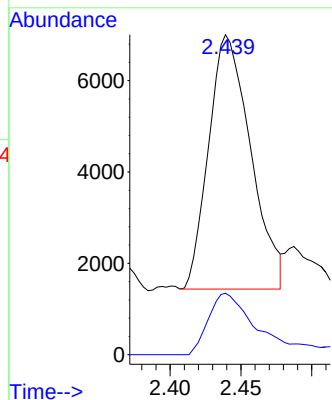
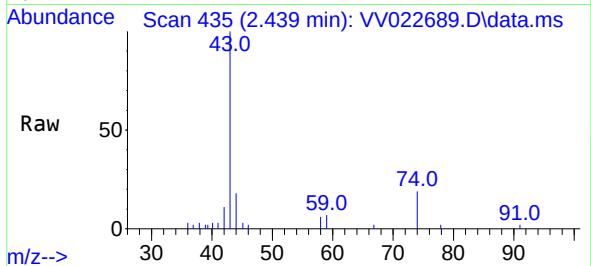




#15
Methyl Acetate
Concen: 3.419 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.019 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

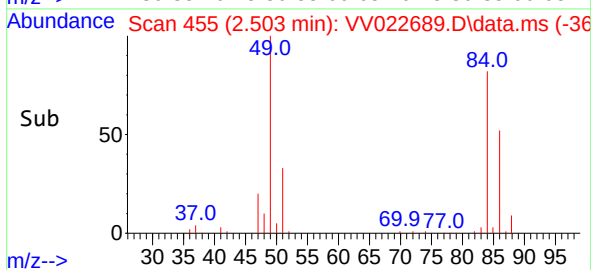
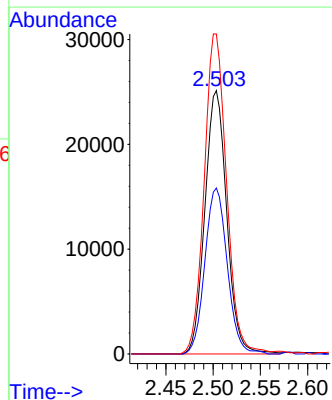
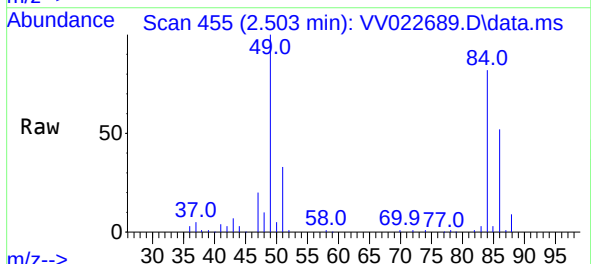
Instrument :
MSVOA_V
ClientSampleId :

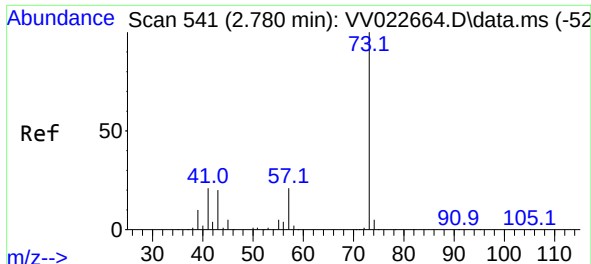
Tgt Ion: 43 Resp: 11492
Ion Ratio Lower Upper
43 100
74 28.4 19.9 29.9



#16
Methylene chloride
Concen: 4.170 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 84 Resp: 40493
Ion Ratio Lower Upper
84 100
86 63.0 45.8 85.2
49 121.5 90.3 167.7

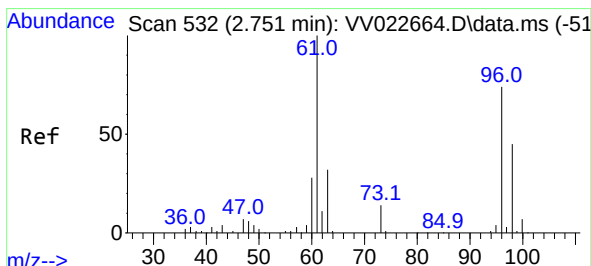
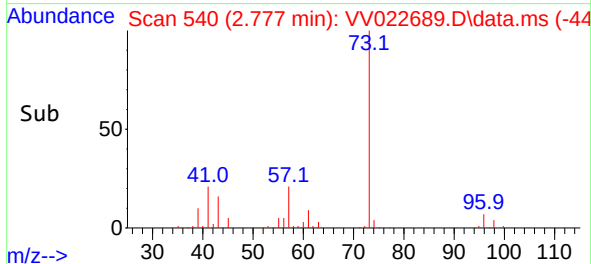
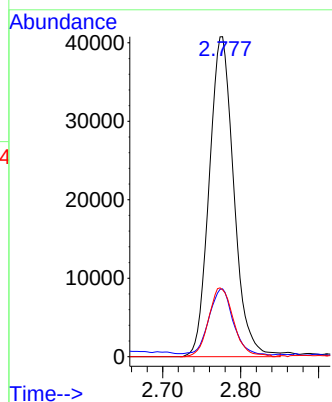
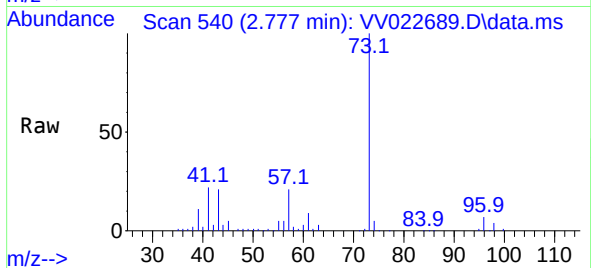




#17
Methyl tert-butyl Ether
Concen: 5.236 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

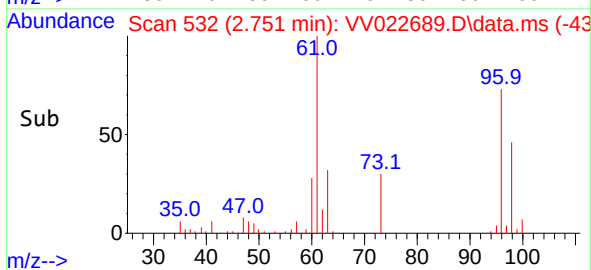
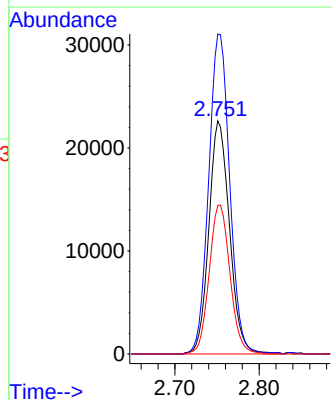
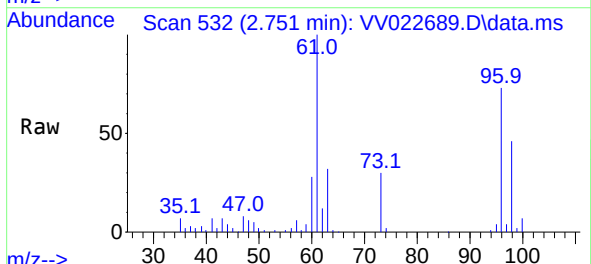
Instrument :
MSVOA_V
ClientSampleId :

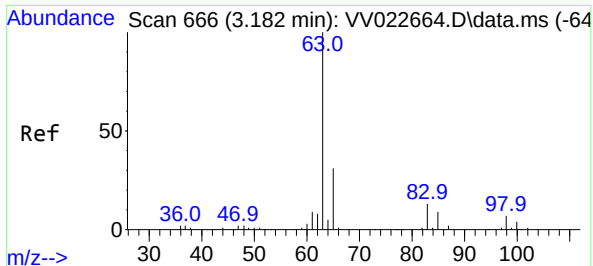
Tgt Ion: 73 Resp: 89374
Ion Ratio Lower Upper
73 100
43 20.4 17.1 25.7
57 21.8 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.031 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 96 Resp: 38596
Ion Ratio Lower Upper
96 100
61 137.3 94.5 175.5
98 63.7 44.2 82.0



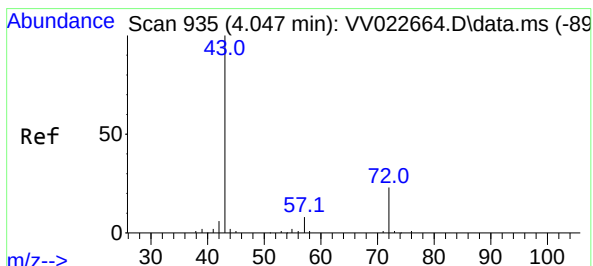
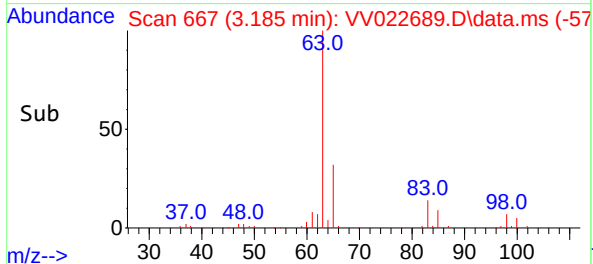
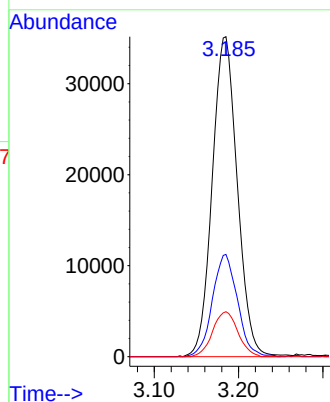
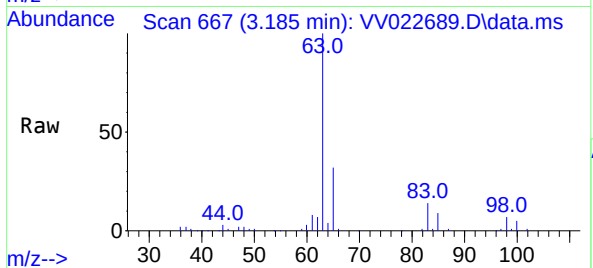


#19
1,1-Dichloroethane
Concen: 5.248 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 72503

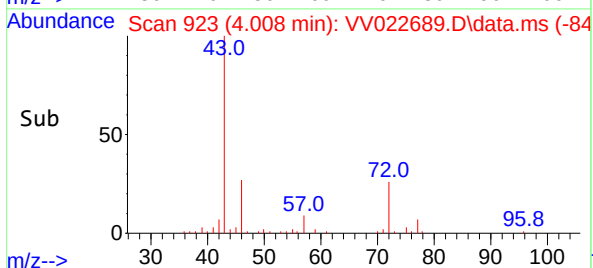
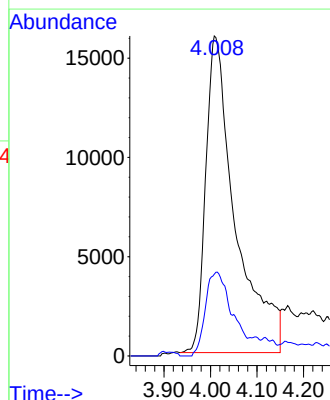
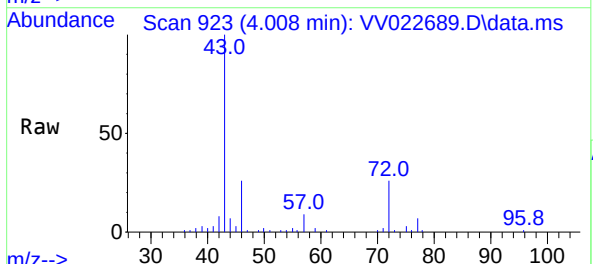
Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.5	43.7
83	14.1	10.1	18.7

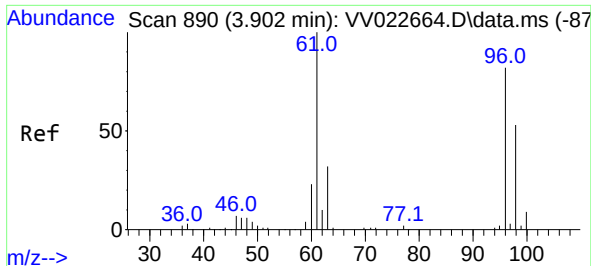


#21
2-Butanone
Concen: 36.731 ug/L
RT: 4.008 min Scan# 923
Delta R.T. -0.038 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 43 Resp: 70650

Ion	Ratio	Lower	Upper
43	100		
72	23.8	12.3	36.8

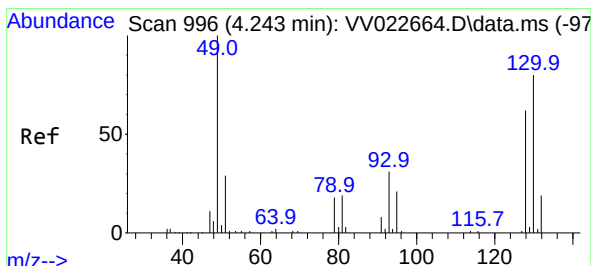
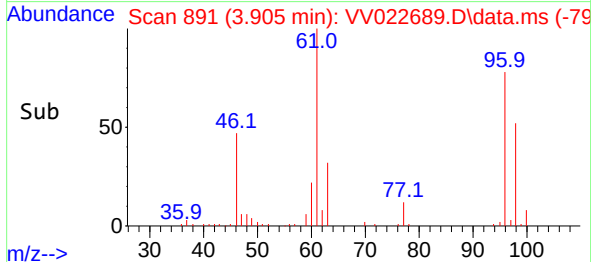
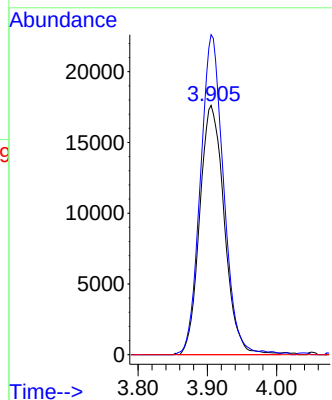
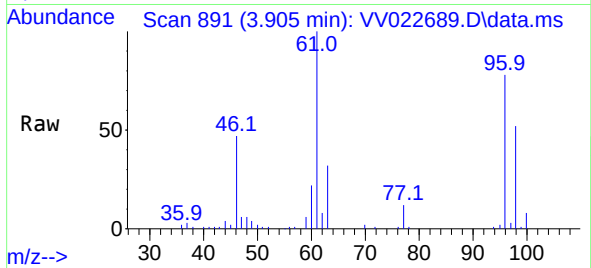




#22
cis-1,2-Dichloroethene
Concen: 5.382 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

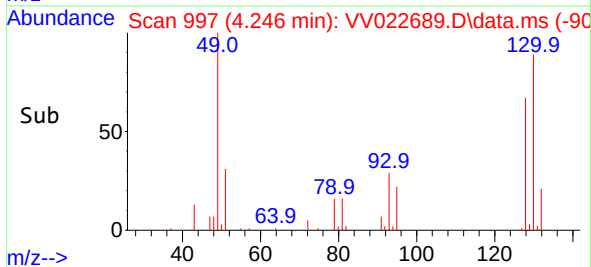
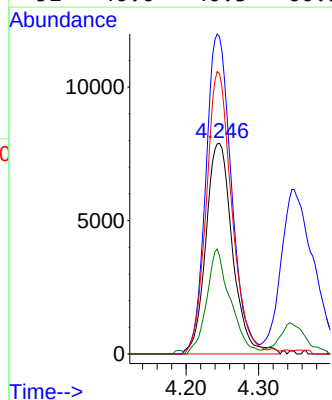
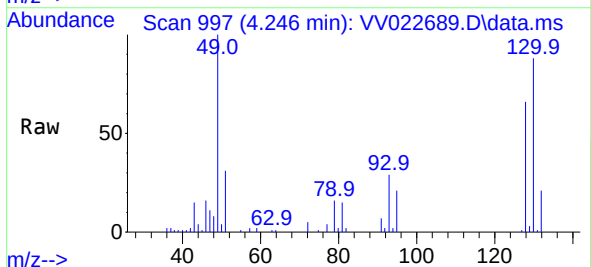
Instrument :
MSVOA_V
ClientSampled :

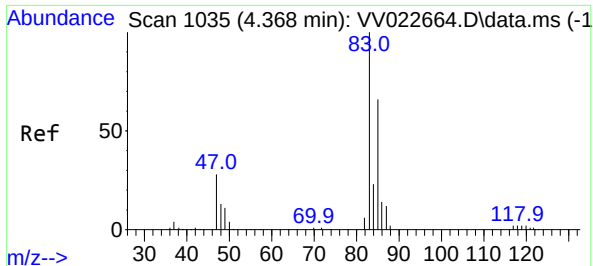
Tgt Ion: 96 Resp: 43348
Ion Ratio Lower Upper
96 100
61 128.4 86.0 159.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.610 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 128 Resp: 20076
Ion Ratio Lower Upper
128 100
49 150.6 106.9 198.5
130 133.1 91.9 170.7
51 46.6 40.3 60.5



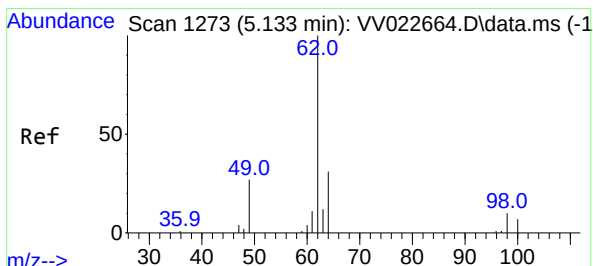
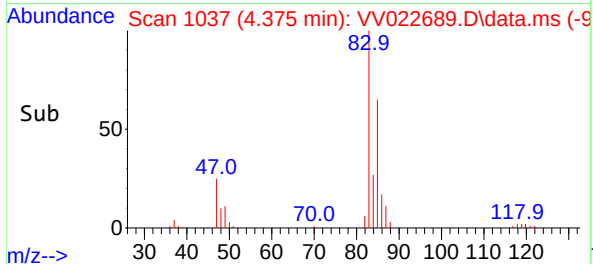
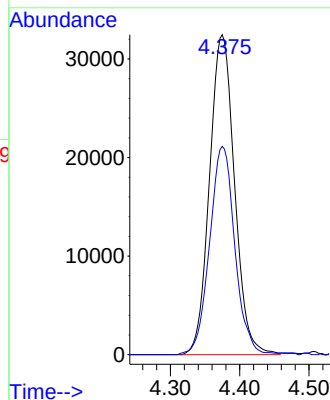
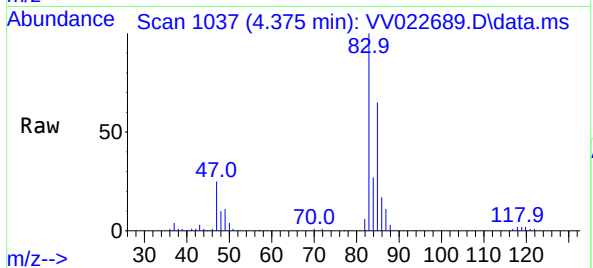


#25

Chloroform
Concen: 5.085 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Instrument :
MSVOA_V
ClientSampled :

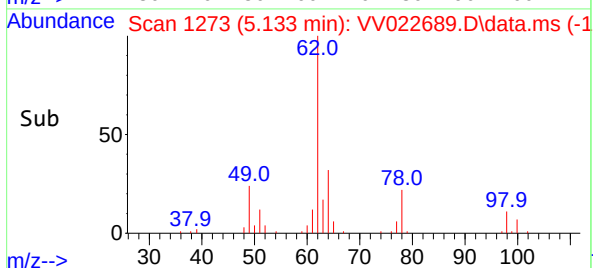
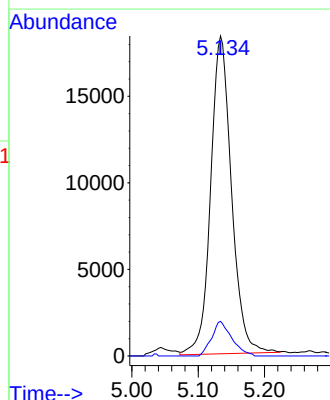
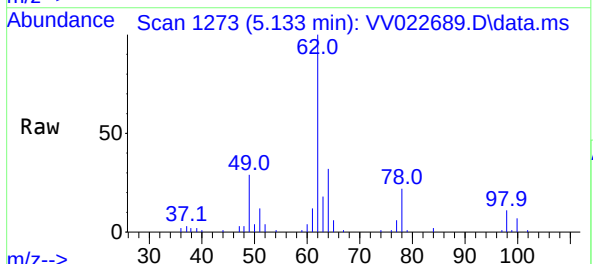
Tgt Ion: 83 Resp: 81442
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9

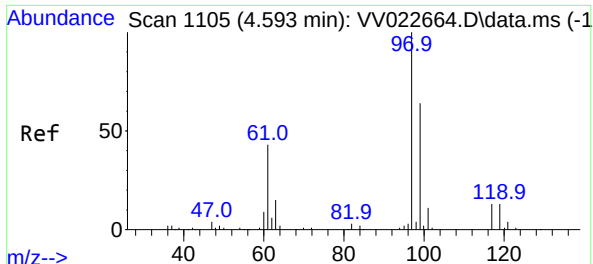


#27

1,2-Dichloroethane
Concen: 5.012 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 62 Resp: 40067
Ion Ratio Lower Upper
62 100
98 10.8 9.7 14.5

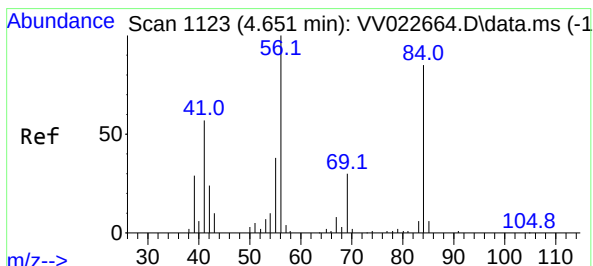
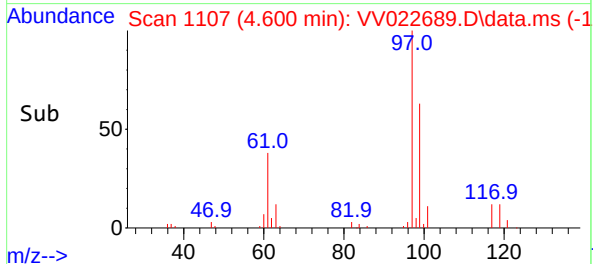
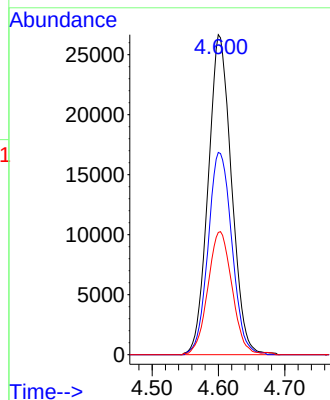
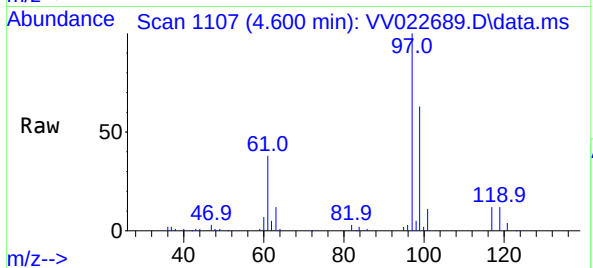




#29
1,1,1-Trichloroethane
Concen: 4.928 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.007 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

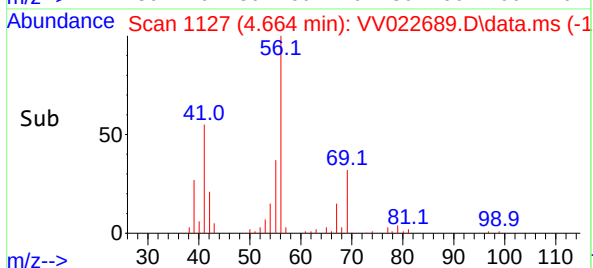
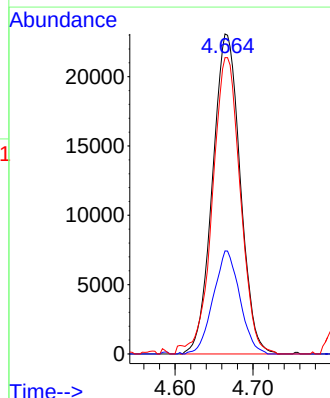
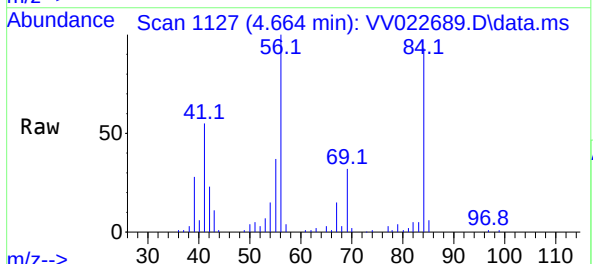
Instrument :
MSVOA_V
ClientSampled :

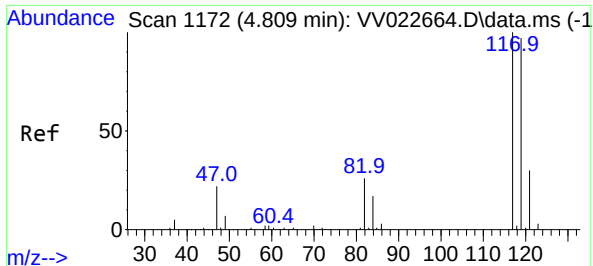
Tgt Ion:	97	Resp:	65122
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	39.9	33.2	49.8



#30
Cyclohexane
Concen: 4.670 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. 0.013 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:	56	Resp:	56938
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.9	37.3
84	92.6	72.5	108.7

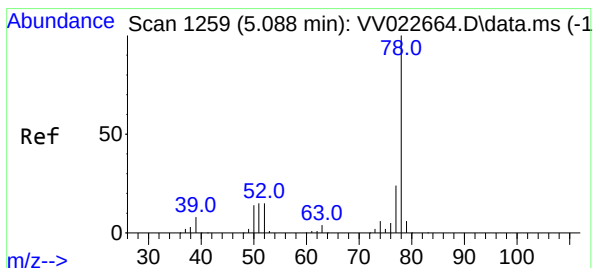
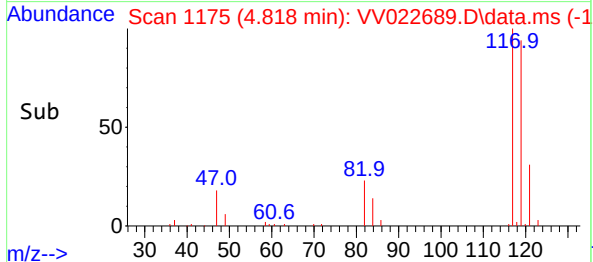
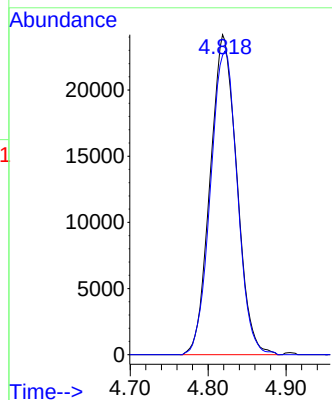
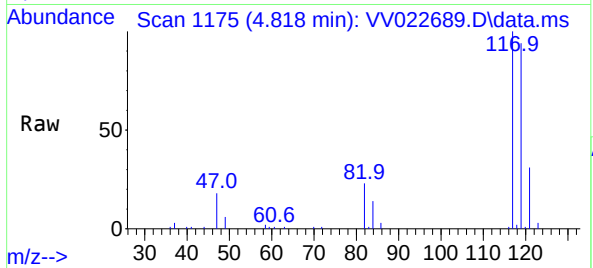




#31
Carbon tetrachloride
Concen: 5.007 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

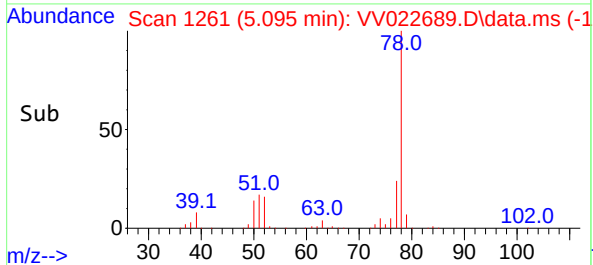
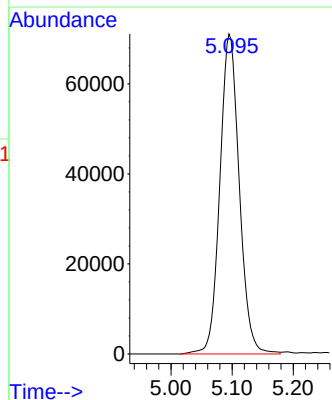
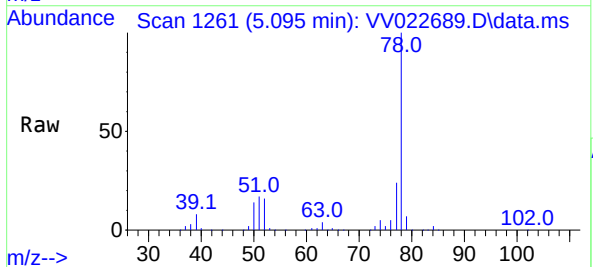
Instrument :
MSVOA_V
ClientSampled :

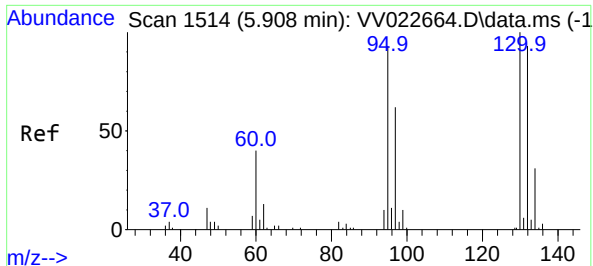
Tgt Ion:117 Resp: 57432
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0



#33
Benzene
Concen: 5.024 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.007 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 78 Resp: 156582





#34

Trichloroethene

Concen: 4.910 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV022689.D

Acq: 08 Oct 2021 01:52

Tgt Ion: 95 Resp: 41614

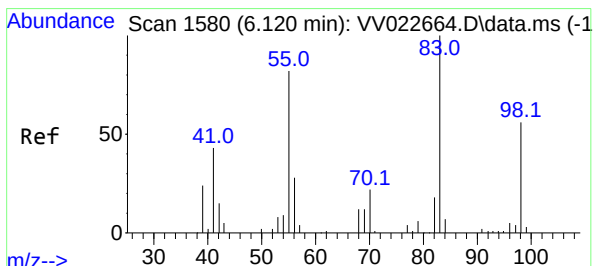
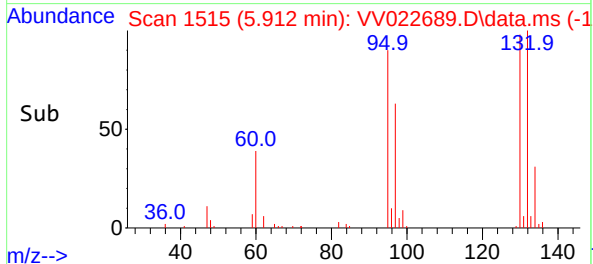
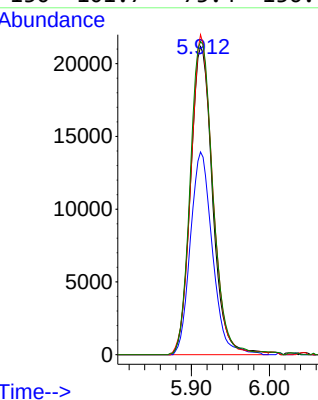
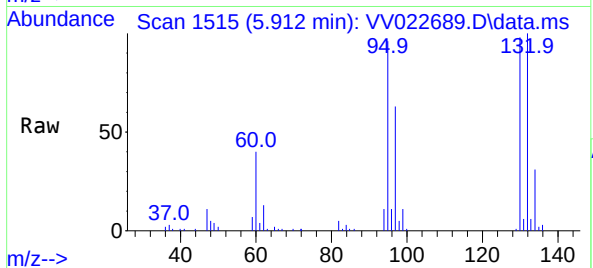
Ion Ratio Lower Upper

95 100

97 65.8 45.8 85.2

132 103.9 72.2 134.0

130 101.7 73.4 136.4



#35

Methylcyclohexane

Concen: 5.007 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.007 min

Lab File: VV022689.D

Acq: 08 Oct 2021 01:52

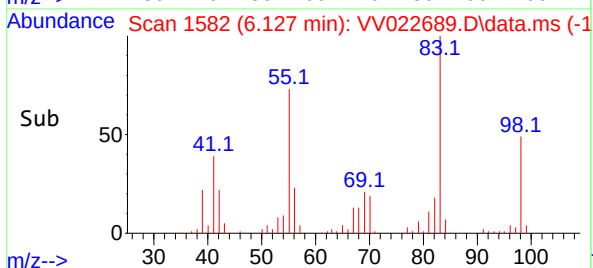
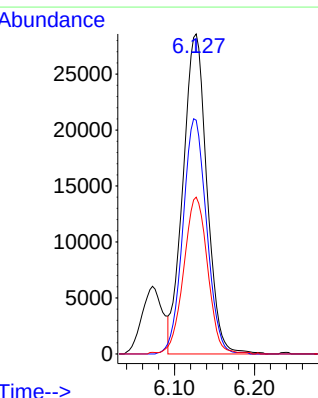
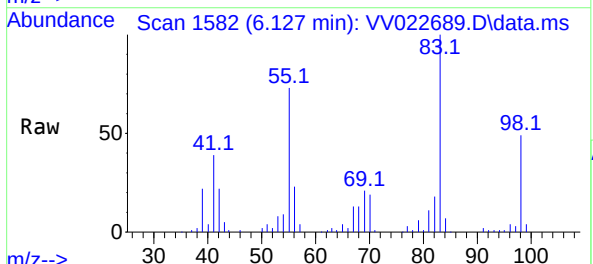
Tgt Ion: 83 Resp: 59447

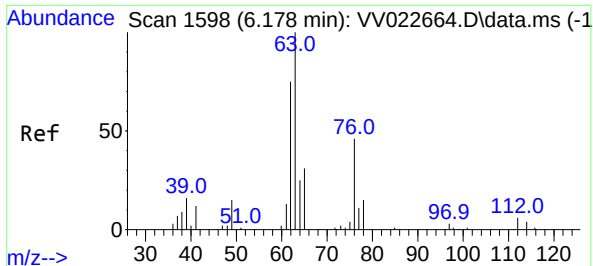
Ion Ratio Lower Upper

83 100

55 72.8 63.8 95.6

98 47.9 42.1 63.1

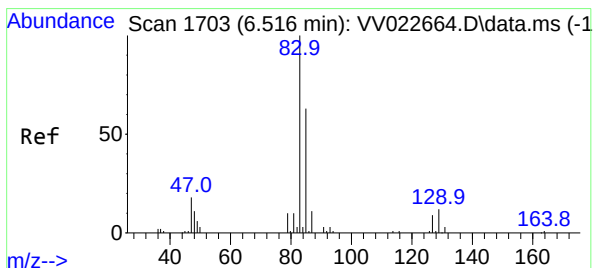
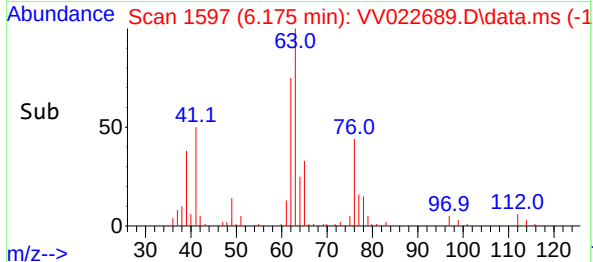
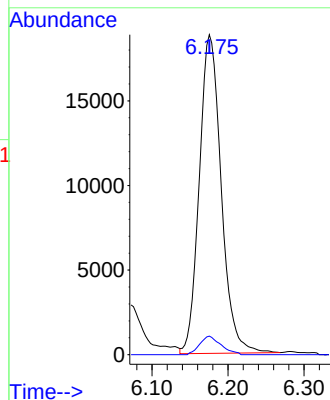
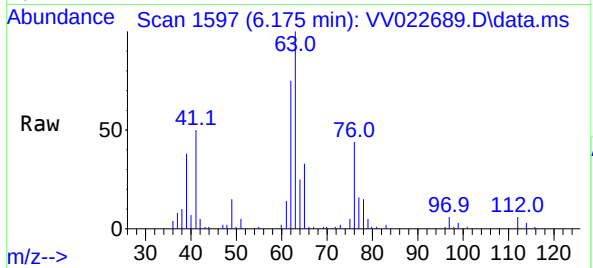




#37
1,2-Dichloropropane
Concen: 5.043 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

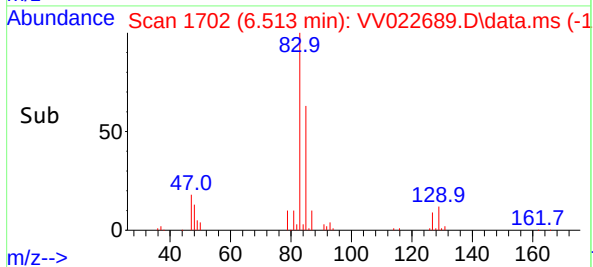
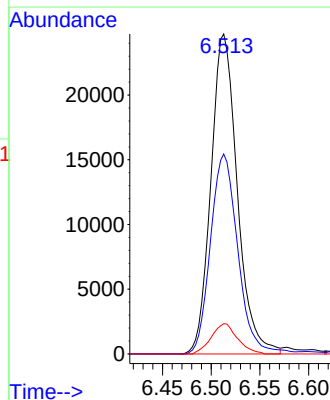
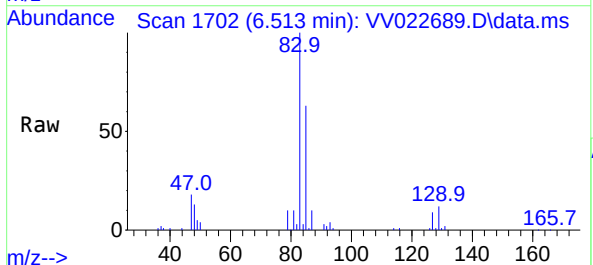
Instrument :
MSVOA_V
ClientSampleId :

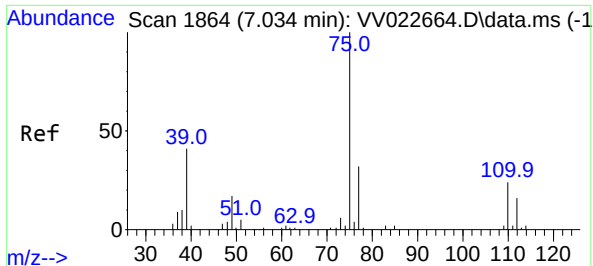
Tgt Ion: 63 Resp: 37796
Ion Ratio Lower Upper
63 100
112 5.6 4.4 6.6



#38
Bromodichloromethane
Concen: 5.048 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 83 Resp: 46626
Ion Ratio Lower Upper
83 100
85 62.5 44.3 82.3
127 9.4 7.7 11.5

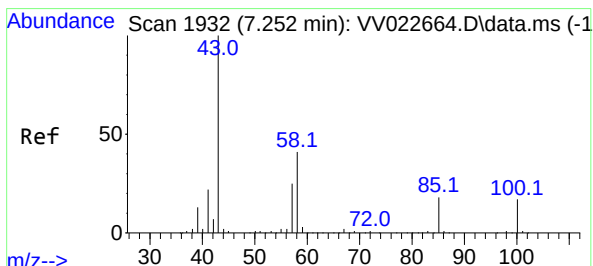
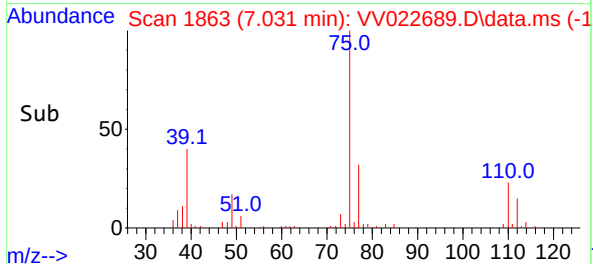
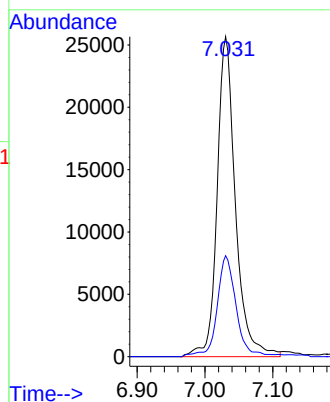
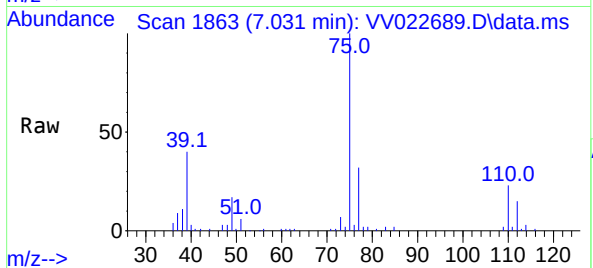




#39
cis-1,3-Dichloropropene
Concen: 4.856 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

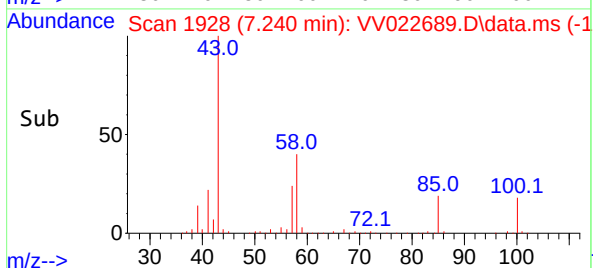
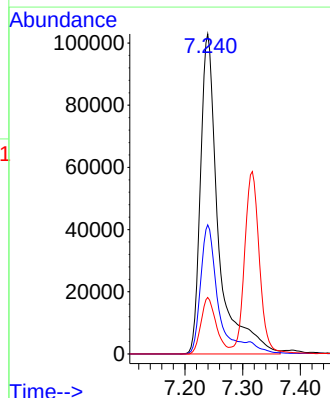
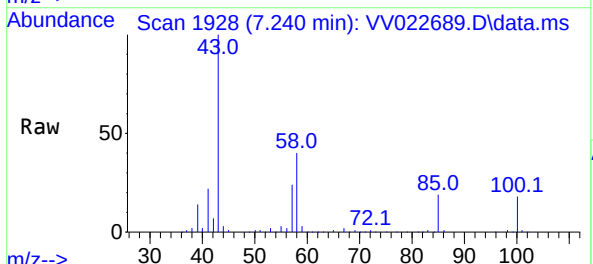
Instrument :
MSVOA_V
ClientSampled :

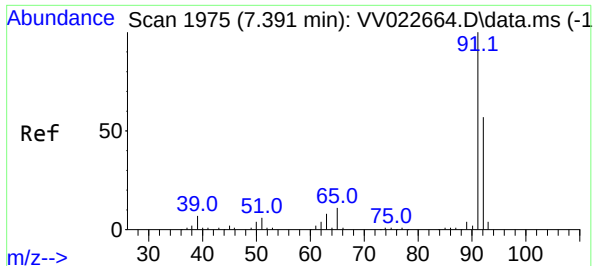
Tgt Ion: 75 Resp: 48187
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 55.251 ug/L
RT: 7.240 min Scan# 1928
Delta R.T. -0.013 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 43 Resp: 222520
Ion Ratio Lower Upper
43 100
58 38.2 32.0 48.0
100 15.0 14.2 21.2





#42

Toluene

Concen: 5.331 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV022689.D

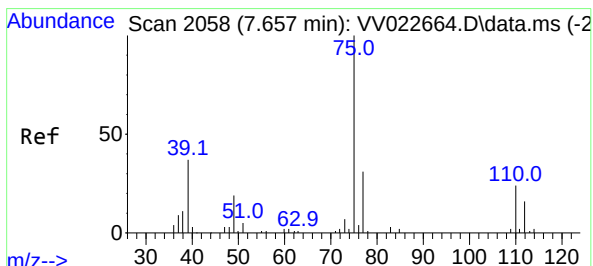
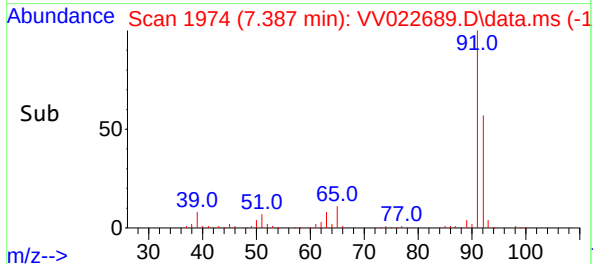
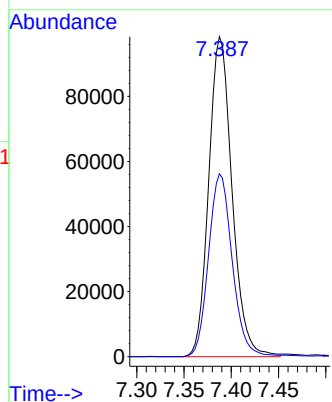
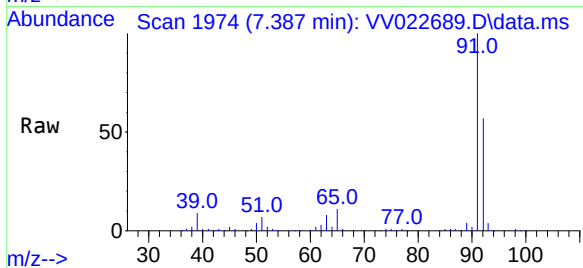
Acq: 08 Oct 2021 01:52

Tgt Ion: 91 Resp: 168656

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.094 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.003 min

Lab File: VV022689.D

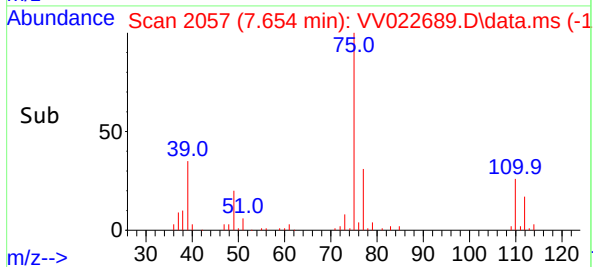
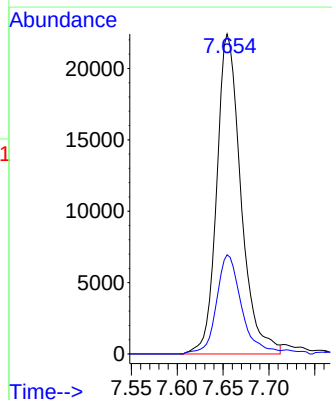
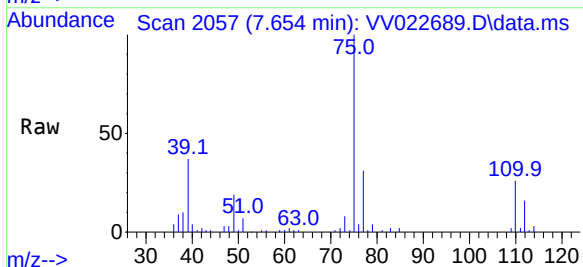
Acq: 08 Oct 2021 01:52

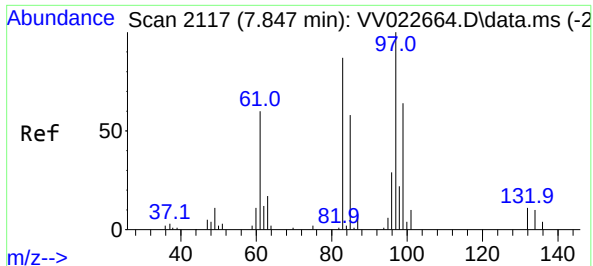
Tgt Ion: 75 Resp: 41204

Ion Ratio Lower Upper

75 100

77 31.0 23.9 44.5



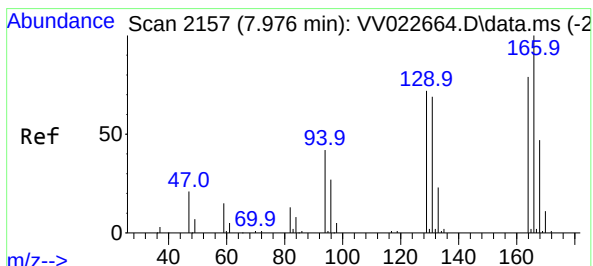
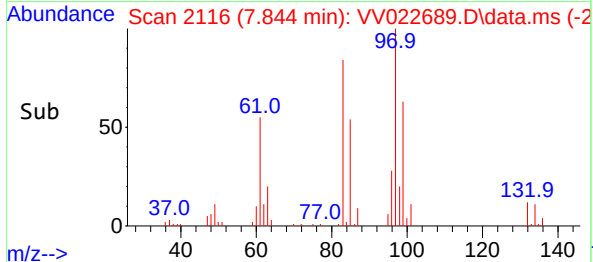
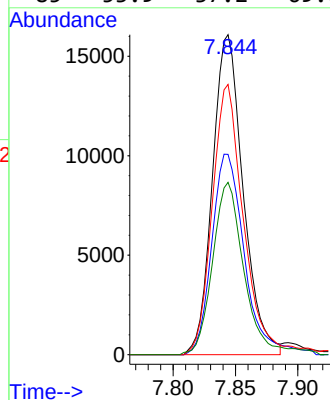
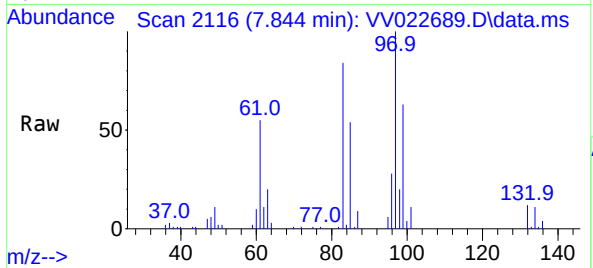


#45
1,1,2-Trichloroethane
Concen: 4.954 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 27555

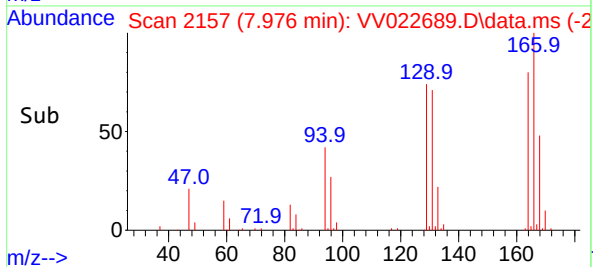
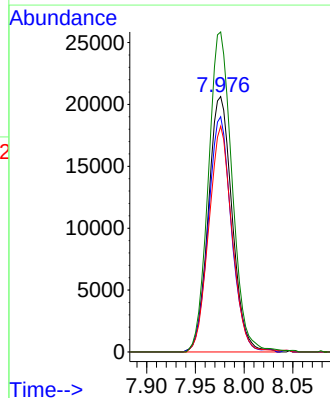
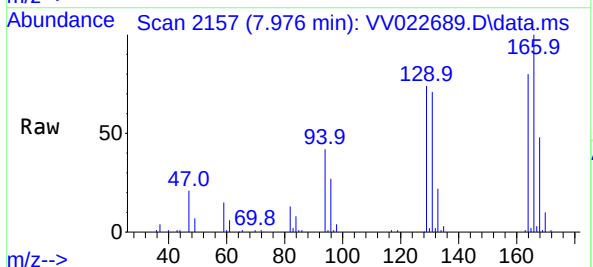
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.5	82.7
83	84.5	56.6	105.0
85	53.9	37.2	69.0

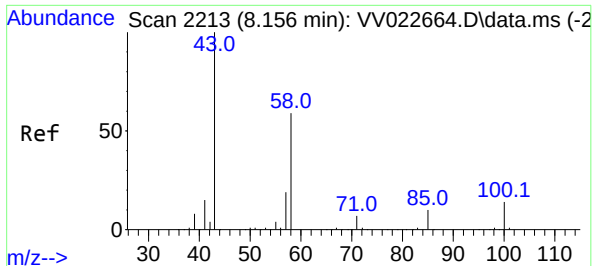


#47
Tetrachloroethene
Concen: 5.117 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 164 Resp: 35072

Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.0	120.6
131	88.4	62.2	115.4
166	125.3	89.2	165.8



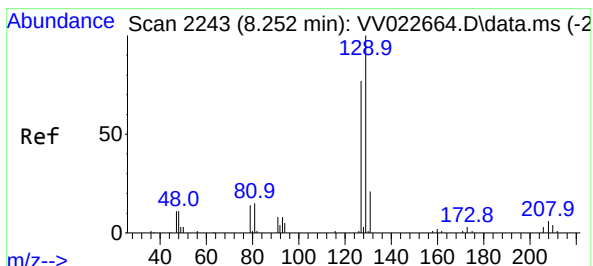
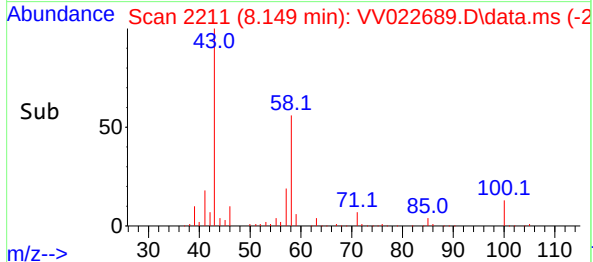
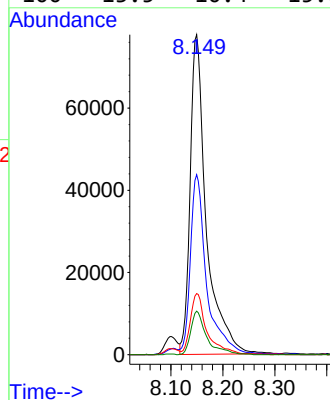
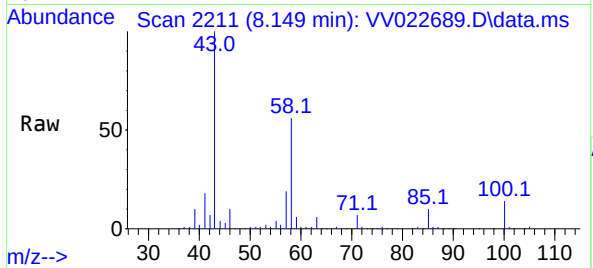


#48
2-Hexanone
Concen: 57.256 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 168605

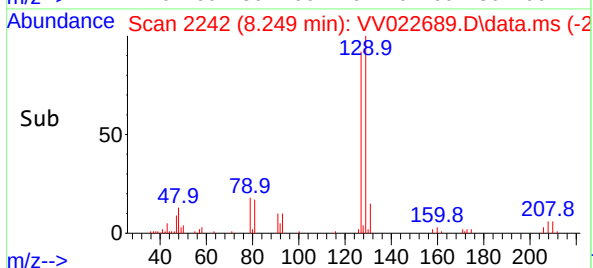
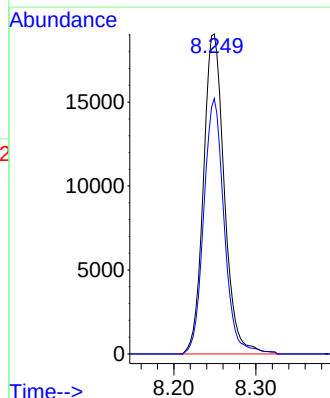
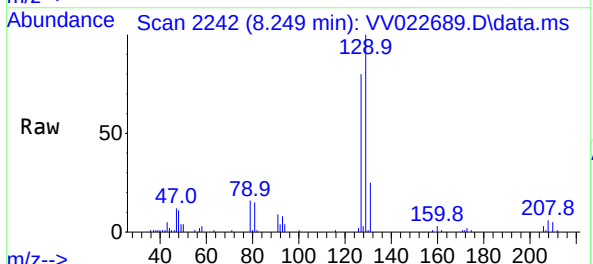
Ion	Ratio	Lower	Upper
43	100		
58	56.4	47.4	71.0
57	18.8	15.3	22.9
100	13.5	10.4	15.6

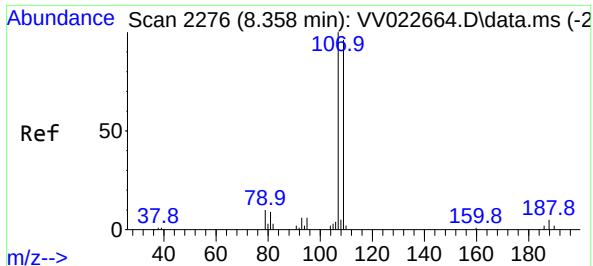


#49
Dibromochloromethane
Concen: 5.177 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 129 Resp: 33710

Ion	Ratio	Lower	Upper
129	100		
127	79.8	59.1	109.9

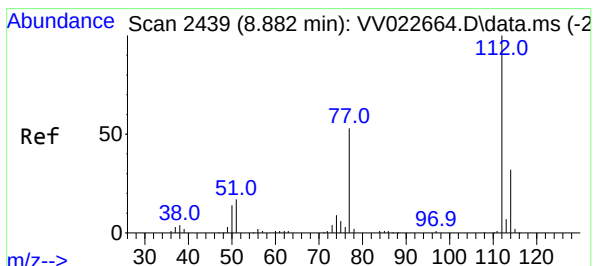
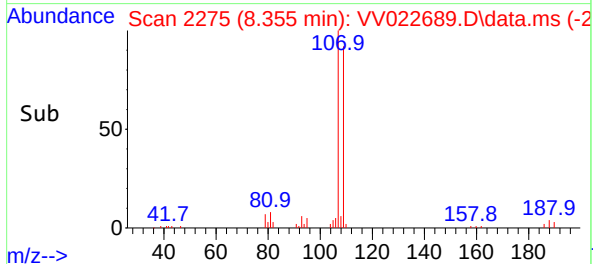
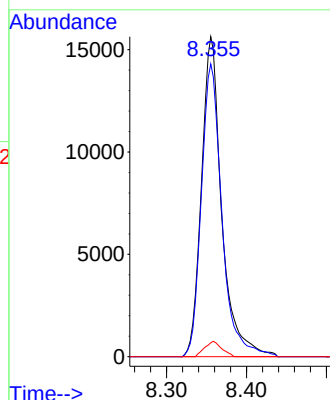
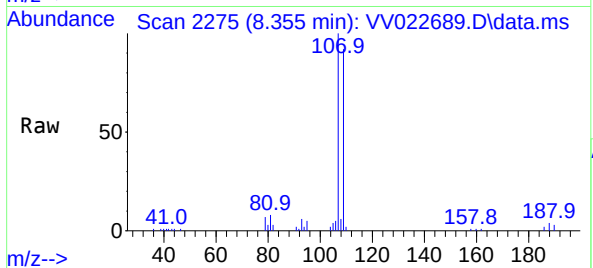




#50
1,2-Dibromoethane
Concen: 5.293 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

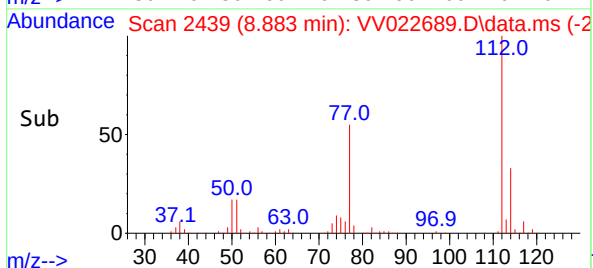
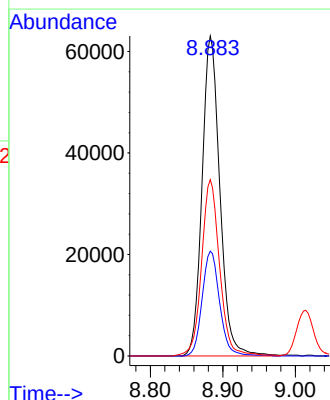
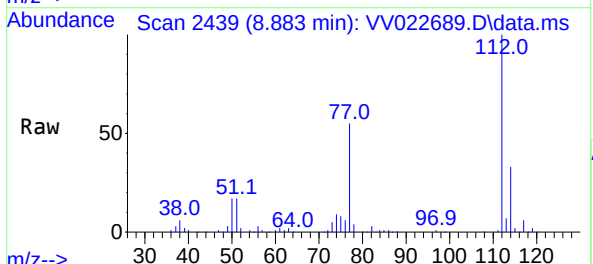
Instrument :
MSVOA_V
ClientSampleId :

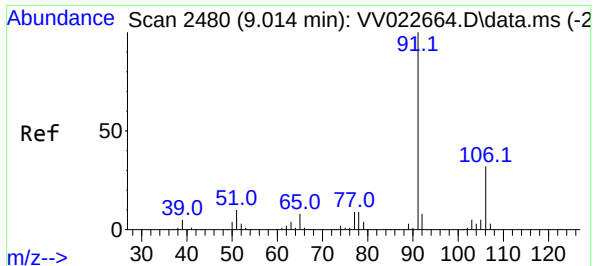
Tgt Ion:107 Resp: 27492
Ion Ratio Lower Upper
107 100
109 91.5 67.1 124.5
188 4.4 3.4 5.0



#51
Chlorobenzene
Concen: 5.181 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:112 Resp: 107714
Ion Ratio Lower Upper
112 100
114 32.8 21.6 40.2
77 55.1 43.7 65.5





#52

Ethylbenzene

Concen: 5.196 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV022689.D

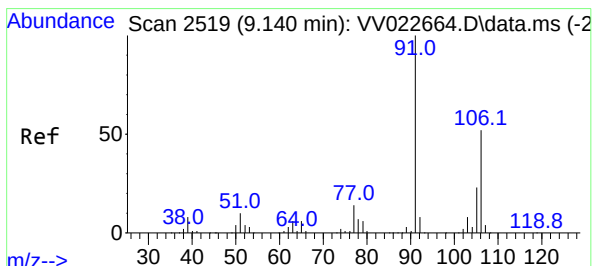
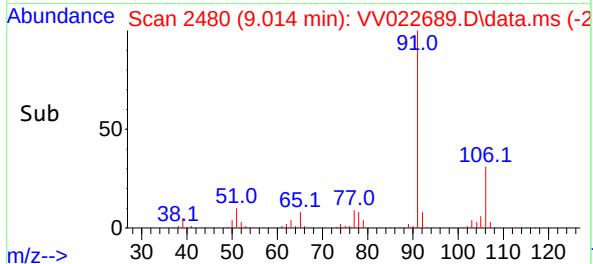
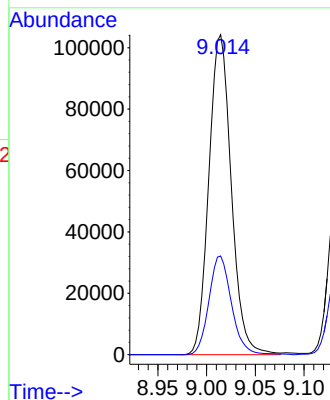
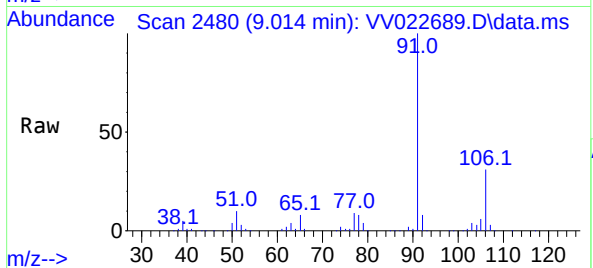
Acq: 08 Oct 2021 01:52

Tgt Ion: 91 Resp: 166914

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.2



#53

m,p-xylene

Concen: 5.254 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022689.D

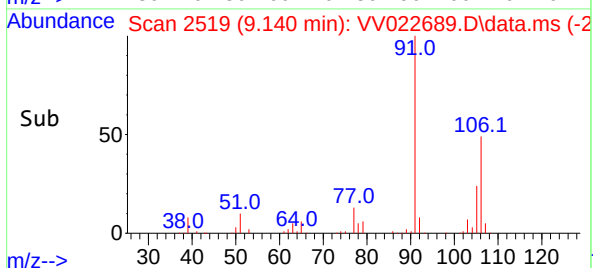
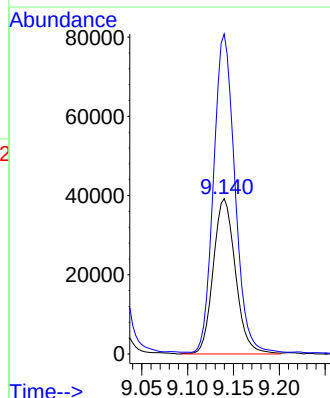
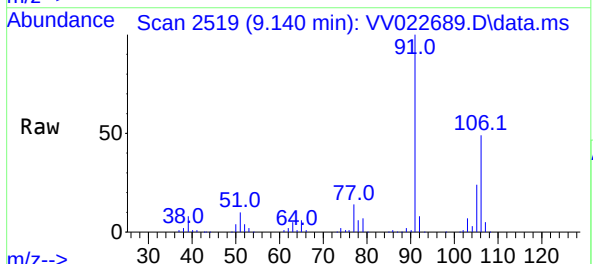
Acq: 08 Oct 2021 01:52

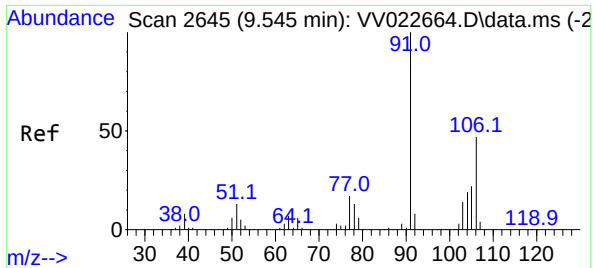
Tgt Ion: 106 Resp: 66231

Ion Ratio Lower Upper

106 100

91 206.0 138.7 257.5

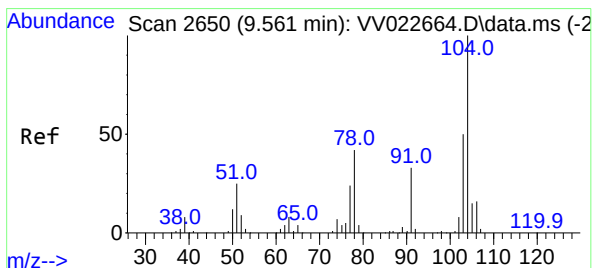
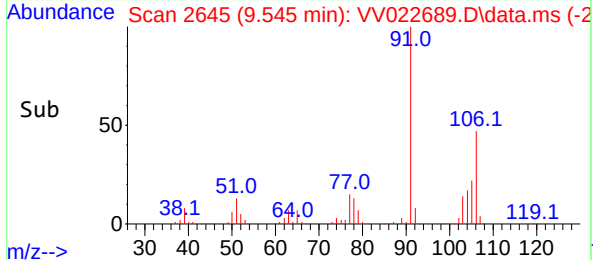
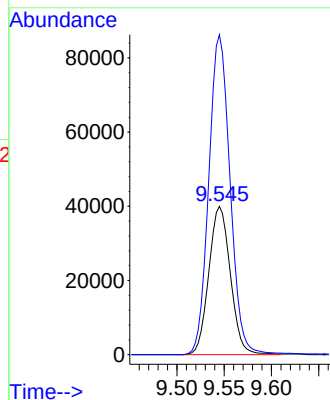
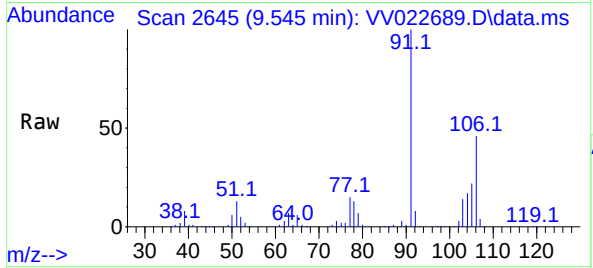




#54
o-xylene
Concen: 5.355 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

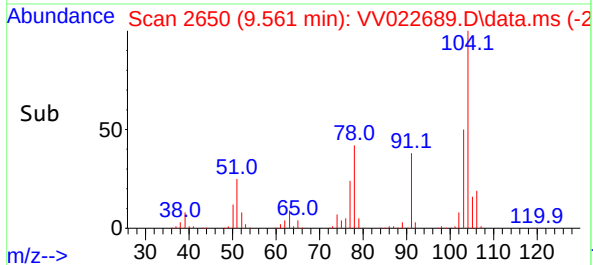
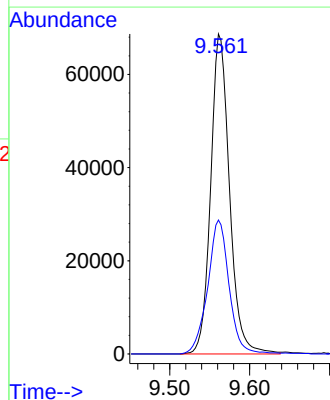
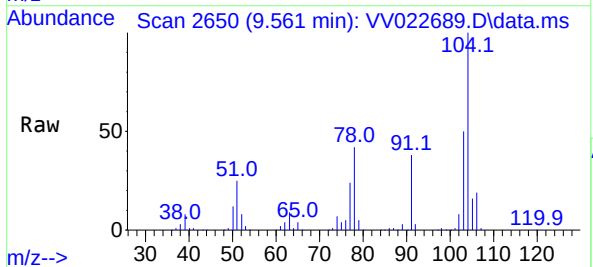
Instrument :
MSVOA_V
ClientSampled :

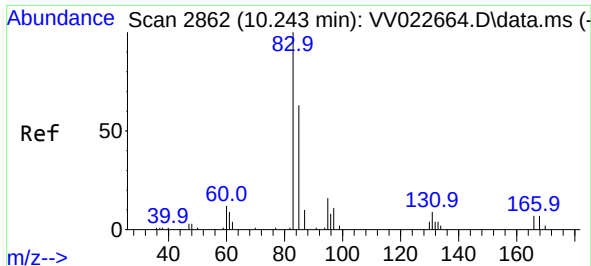
Tgt Ion:106 Resp: 63509
Ion Ratio Lower Upper
106 100
91 215.6 151.1 280.7



#55
Styrene
Concen: 5.504 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:104 Resp: 112479
Ion Ratio Lower Upper
104 100
78 41.8 29.5 54.7

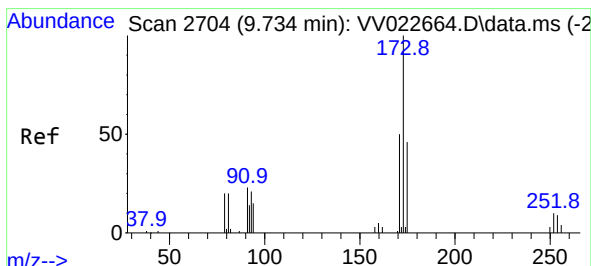
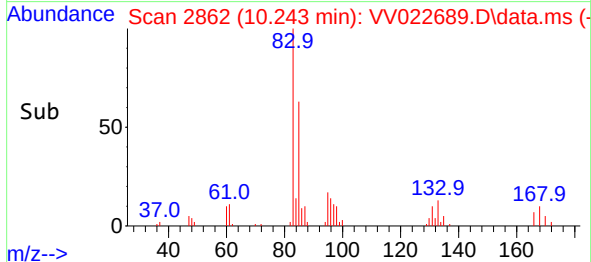
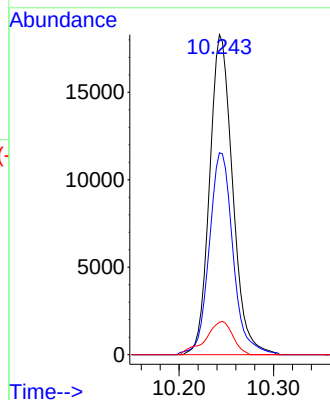
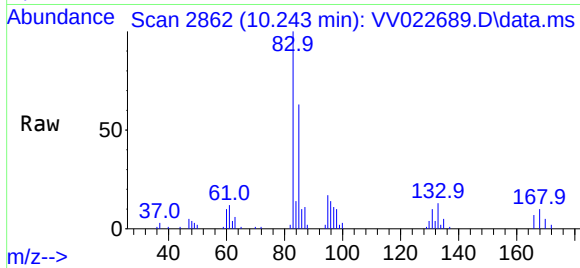




#57
1,1,2,2-Tetrachloroethane
Concen: 5.509 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

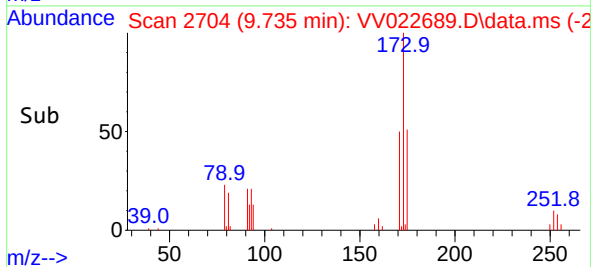
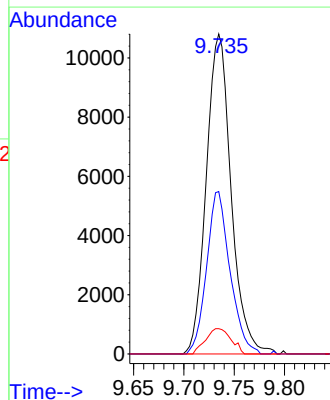
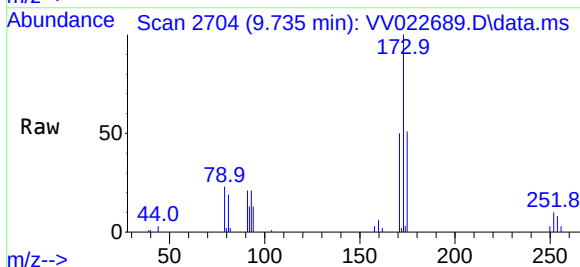
Instrument :
MSVOA_V
ClientSampled :

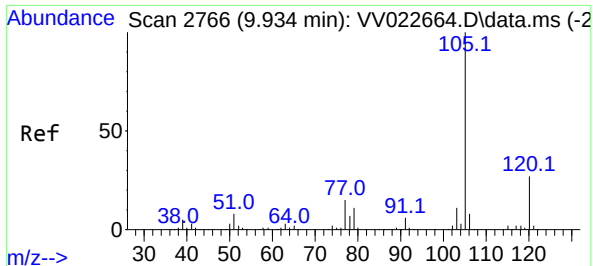
Tgt Ion:	83	Resp:	30998
Ion	Ratio	Lower	Upper
83	100		
85	63.1	46.0	85.4
131	10.1	8.4	12.6



#59
Bromoform
Concen: 5.128 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:	173	Resp:	18563
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.3	57.5
254	8.1	7.1	10.7

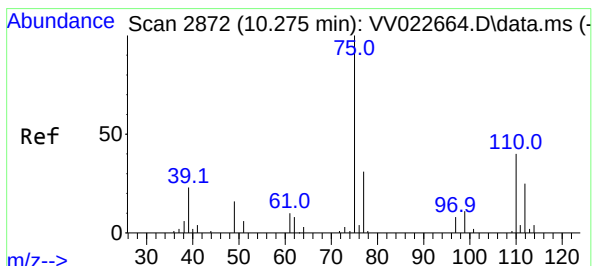
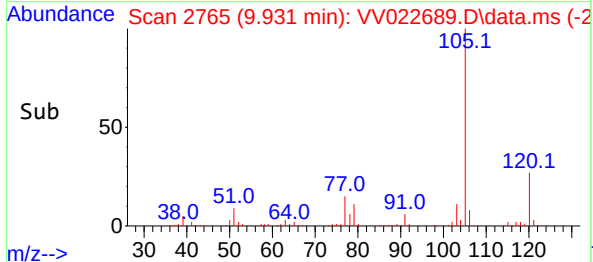
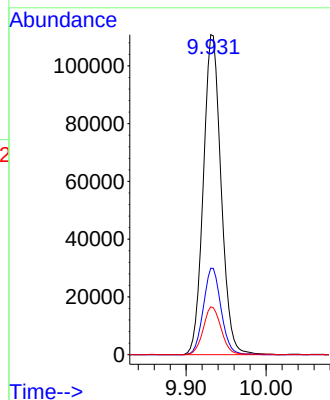
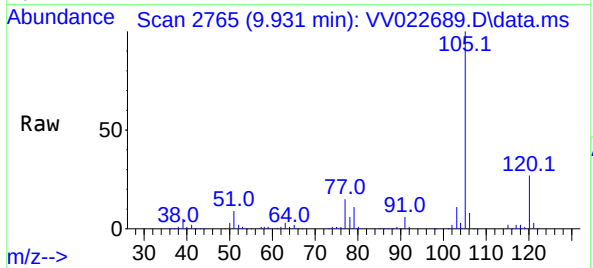




#60
Isopropylbenzene
Concen: 5.223 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

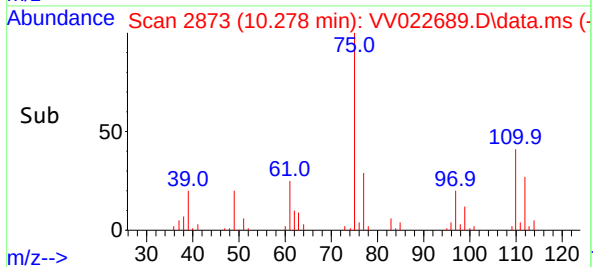
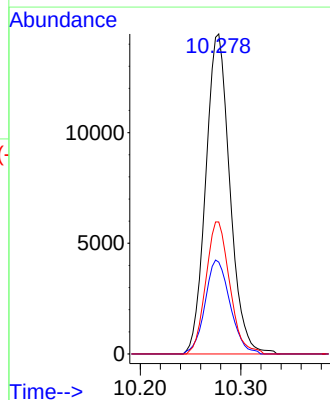
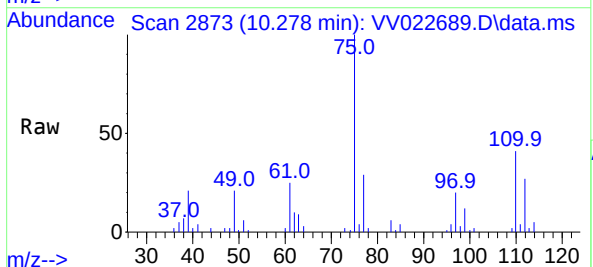
Instrument :
MSVOA_V
ClientSampled :

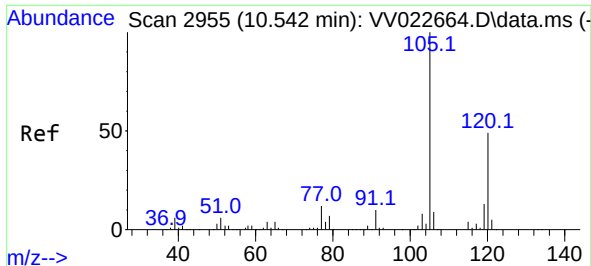
Tgt Ion:105 Resp: 171426
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.373 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion: 75 Resp: 24121
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2
110 40.9 34.2 51.4

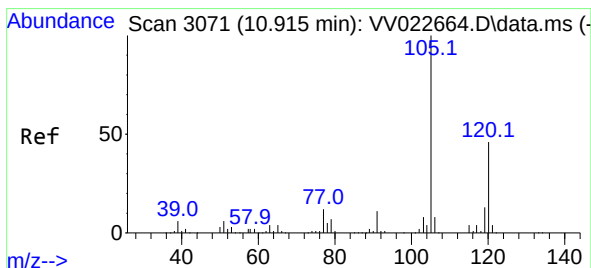
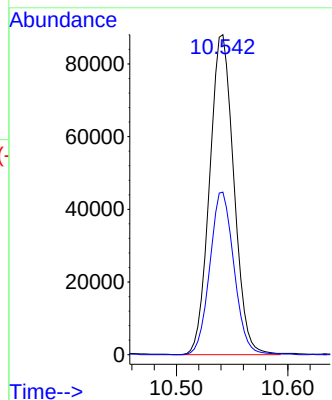




#62
1,3,5-Trimethylbenzene
Concen: 5.023 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

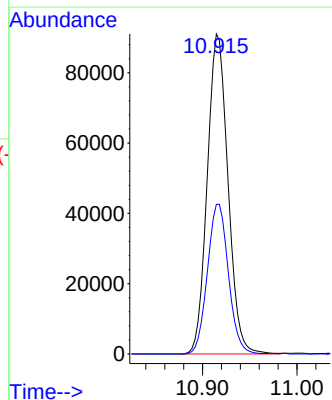
Tgt Ion:105 Resp: 133204
Ion Ratio Lower Upper
105 100
120 50.7 39.4 59.2

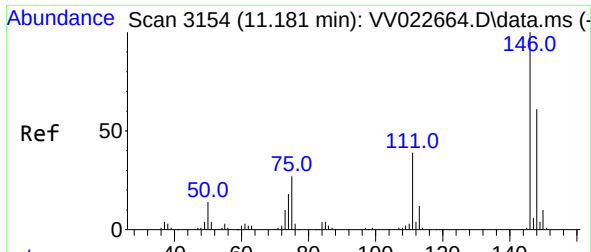
Instrument :
MSVOA_V
ClientSampled :



#63
1,2,4-Trimethylbenzene
Concen: 5.228 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:105 Resp: 138736
Ion Ratio Lower Upper
105 100
120 47.4 37.3 55.9

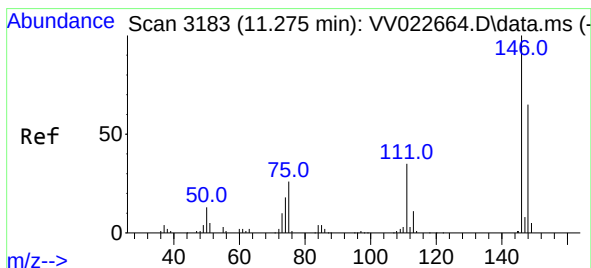
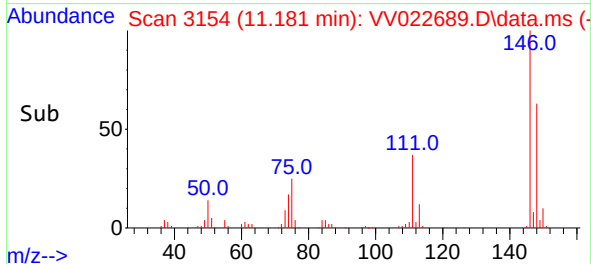
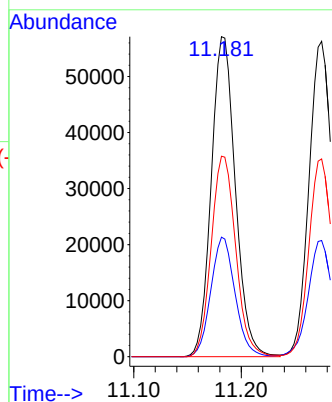
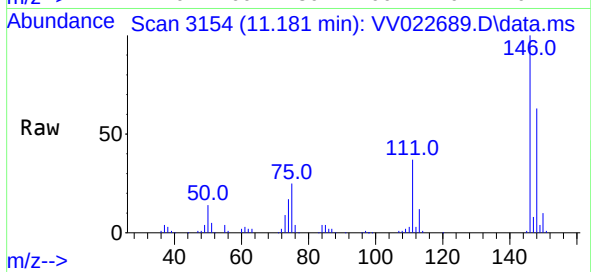




#64
1,3-Dichlorobenzene
Concen: 5.162 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

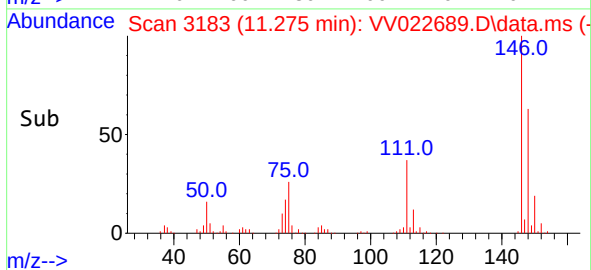
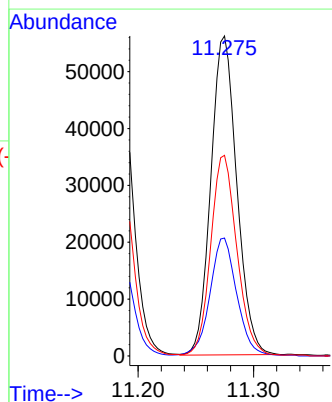
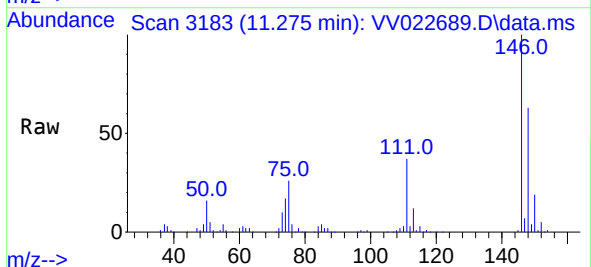
Instrument :
MSVOA_V
ClientSampled :

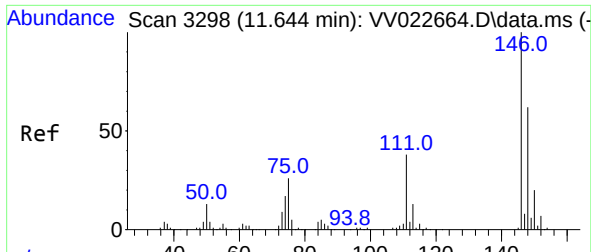
Tgt Ion:146 Resp: 88928
Ion Ratio Lower Upper
146 100
111 37.4 26.7 49.5
148 62.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.012 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:146 Resp: 87670
Ion Ratio Lower Upper
146 100
111 36.8 25.6 47.4
148 62.7 44.9 83.5

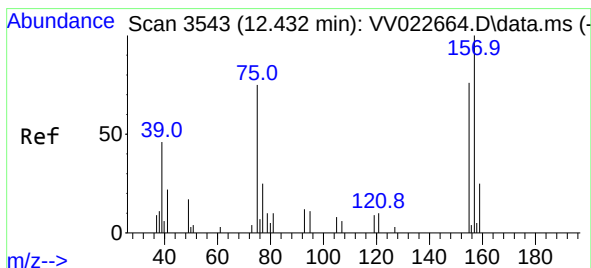
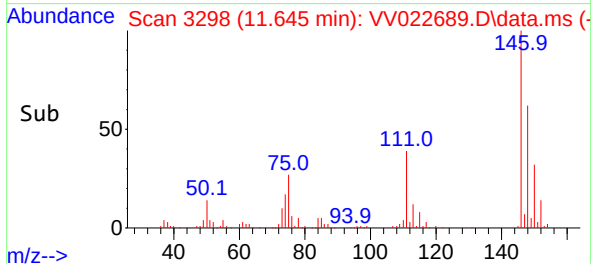
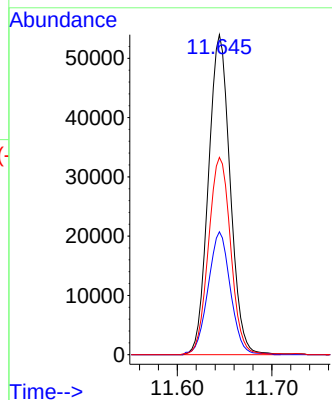
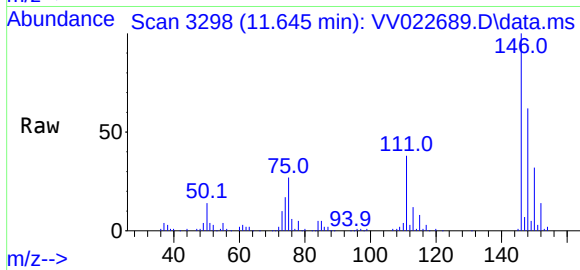




#67
1,2-Dichlorobenzene
Concen: 5.331 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

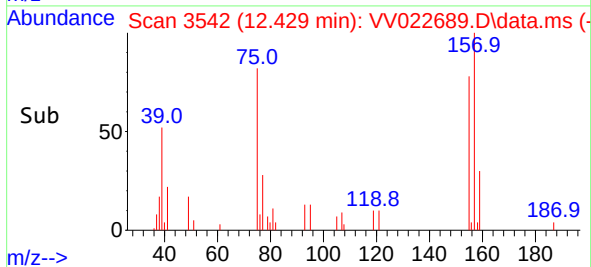
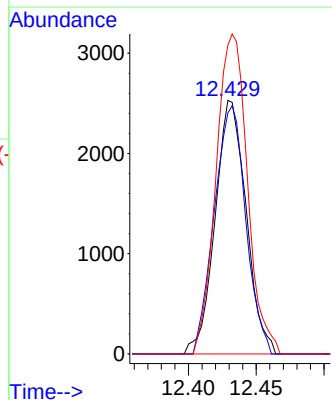
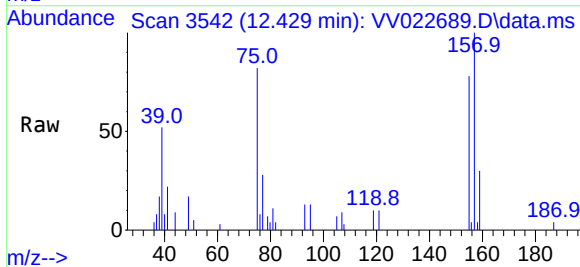
Instrument :
MSVOA_V
ClientSampled :

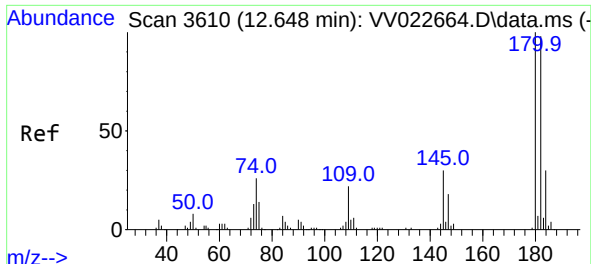
Tgt Ion:	146	Resp:	86143
Ion Ratio	Lower	Upper	
146	100		
111	38.4	32.3	48.5
148	61.6	52.1	78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.934 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:	75	Resp:	4032
Ion Ratio	Lower	Upper	
75	100		
155	95.1	82.4	123.6
157	121.8	114.1	171.1

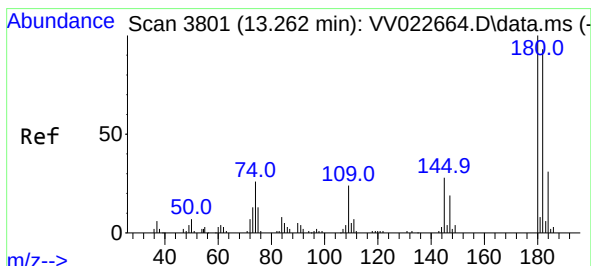
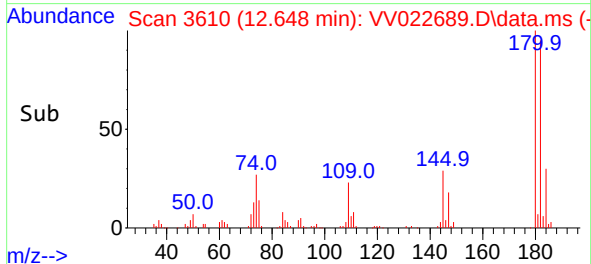
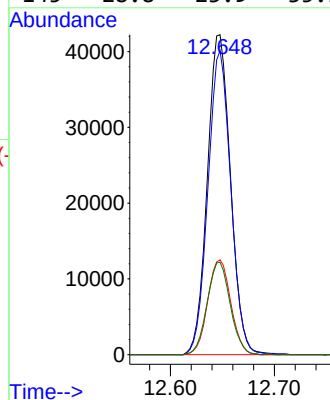
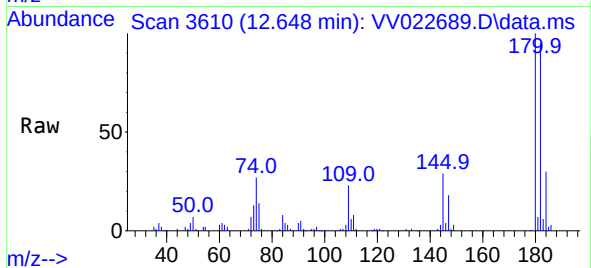




#69
1,3,5-Trichlorobenzene
Concen: 5.044 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

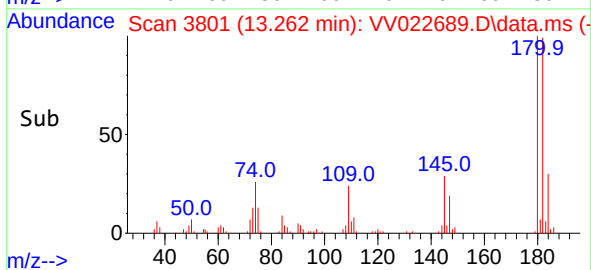
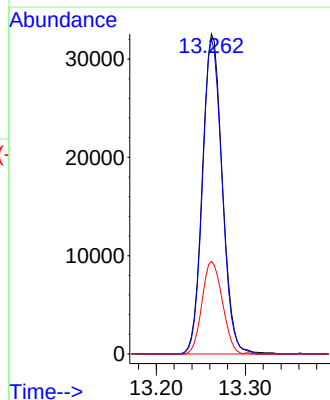
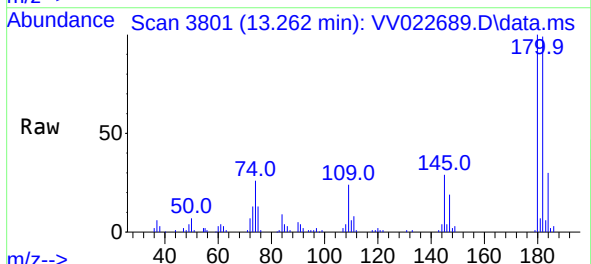
Instrument :
MSVOA_V
ClientSampleId :

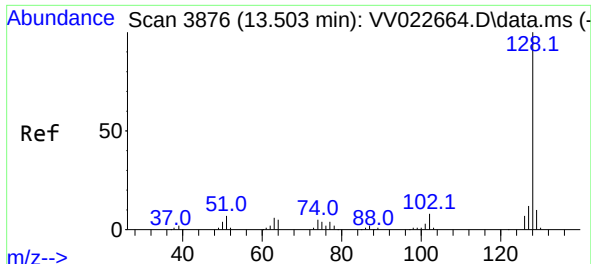
Tgt Ion:180 Resp: 65452
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.6
184 29.5 24.5 36.7
145 28.8 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 5.099 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:180 Resp: 50552
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
145 29.4 24.1 36.1

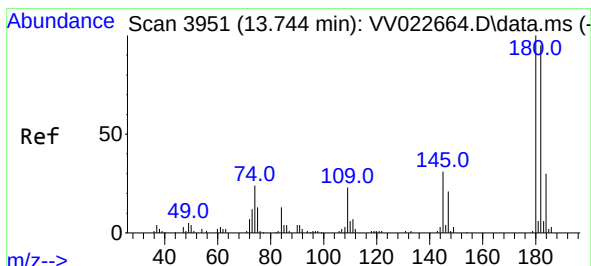
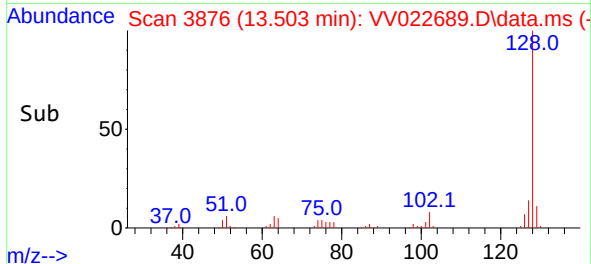
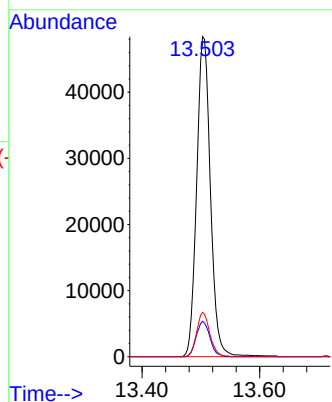
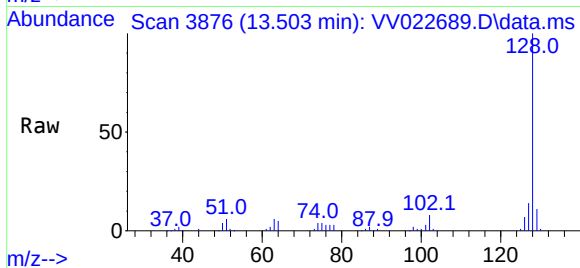




#71
Naphthalene
Concen: 4.993 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 78674
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.3 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.261 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022689.D
Acq: 08 Oct 2021 01:52

Tgt Ion:180 Resp: 49181
Ion Ratio Lower Upper
180 100
182 94.7 75.5 113.3
145 31.0 24.7 37.1

