

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022691.D
 Acq On : 08 Oct 2021 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:18:07 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	5.612	114	126395	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40597	4.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.564	69	35558	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.105	63	78555	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.912	46	82910	36.361	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.720%
24) Chloroform-d	4.342	84	84043	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.030	65	38547	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.043	84	159288	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.069	67	49092	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.313	98	148322	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.622	79	15821	4.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.095	63	75022	50.183	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37057	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	58705	4.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48353	5.249	ug/L	99
3) Chloromethane	1.240	50	48654	5.255	ug/L	100
5) Vinyl chloride	1.310	62	51032	5.335	ug/L	98
6) Bromomethane	1.519	94	33016	5.536	ug/L	96
8) Chloroethane	1.584	64	29863	5.046	ug/L	96
9) Trichlorofluoromethane	1.751	101	74173	5.294	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	44242	5.428	ug/L	99
12) 1,1-Dichloroethene	2.114	96	39546	5.180	ug/L	87
13) Acetone	2.188	43	30875	24.283	ug/L #	35
14) Carbon disulfide	2.288	76	109816	5.118	ug/L	100
15) Methyl Acetate	2.436	43	11350	3.120	ug/L	92
16) Methylene chloride	2.500	84	42660	4.059	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	93790	5.077	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	42658	5.138	ug/L	99
19) 1,1-Dichloroethane	3.178	63	80887	5.409	ug/L	98
21) 2-Butanone	3.998	43	76951	36.963	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	48094	5.516	ug/L	96
23) Bromochloromethane	4.239	128	21977	5.674	ug/L	98
25) Chloroform	4.371	83	87955	5.074	ug/L	99

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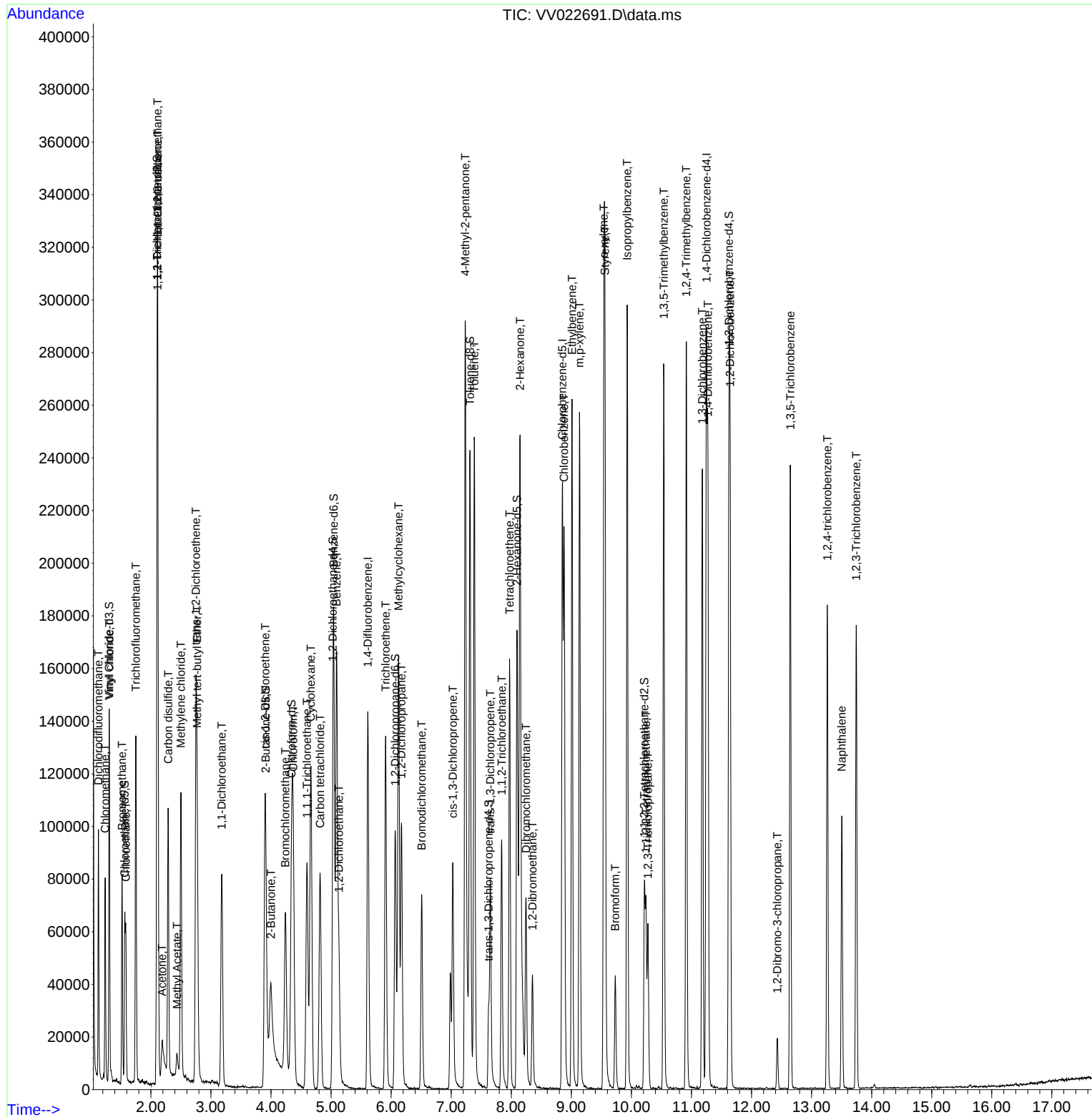
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43558	5.034	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	69420	4.793	ug/L	99
30) Cyclohexane	4.664	56	61823	4.625	ug/L	98
31) Carbon tetrachloride	4.818	117	62421	4.965	ug/L	97
33) Benzene	5.092	78	167051	4.890	ug/L	100
34) Trichloroethene	5.908	95	45129	4.858	ug/L	98
35) Methylcyclohexane	6.124	83	65716	5.049	ug/L	94
37) 1,2-Dichloropropane	6.172	63	38747	4.716	ug/L	99
38) Bromodichloromethane	6.510	83	50395	4.978	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	52768	4.851	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	233429	52.875	ug/L	96
42) Toluene	7.384	91	184596	5.323	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47142	5.317	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	31026	5.089	ug/L	98
47) Tetrachloroethene	7.972	164	38250	5.091	ug/L	98
48) 2-Hexanone	8.146	43	182550	56.553	ug/L	97
49) Dibromochloromethane	8.246	129	36889	5.169	ug/L	95
50) 1,2-Dibromoethane	8.352	107	29937	5.258	ug/L	99
51) Chlorobenzene	8.879	112	116206	5.099	ug/L	100
52) Ethylbenzene	9.011	91	178571	5.072	ug/L	98
53) m,p-xylene	9.136	106	72250	5.229	ug/L	98
54) o-xylene	9.542	106	70349	5.412	ug/L	94
55) Styrene	9.561	104	122245	5.457	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	32837	5.323	ug/L	99
59) Bromoform	9.731	173	20164	4.985	ug/L	96
60) Isopropylbenzene	9.931	105	186412	5.082	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24982	4.979	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	147357	4.972	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	152504	5.142	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	98168	5.100	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	98234	5.026	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	90897	5.034	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4473	4.898	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	73381	5.060	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	55893	5.045	ug/L	98
71) Naphthalene	13.503	128	84175	4.781	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	52674	5.043	ug/L	97

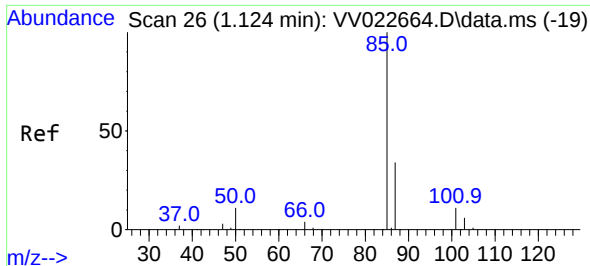
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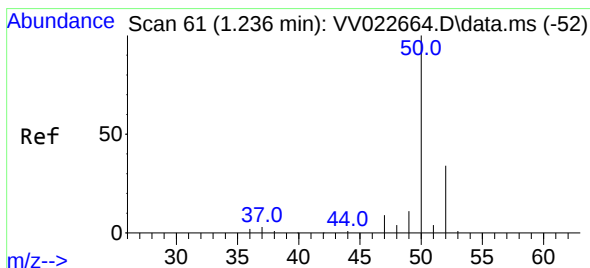
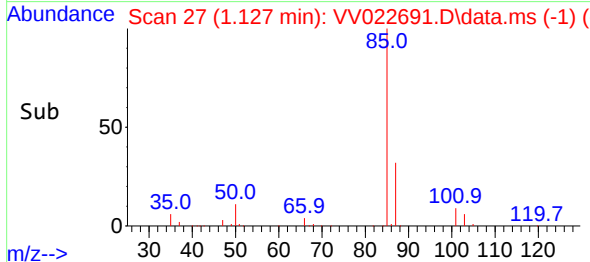
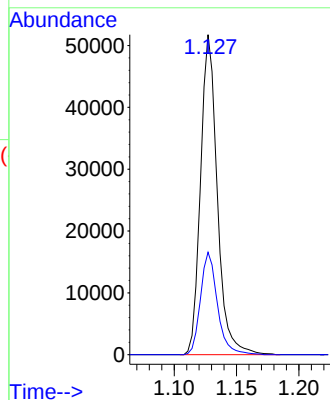
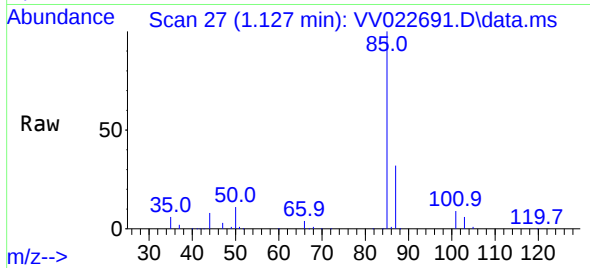




#2
 Dichlorodifluoromethane
 Concen: 5.249 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV022691.D
 Acq: 08 Oct 2021 09:45

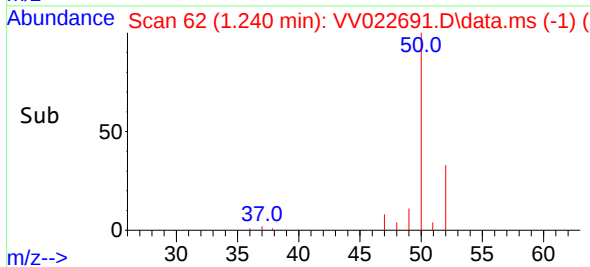
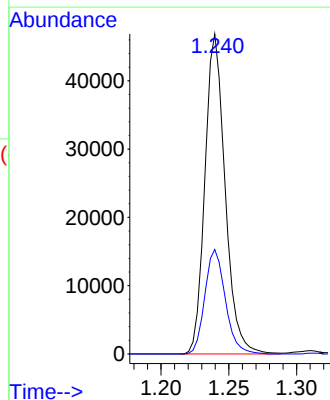
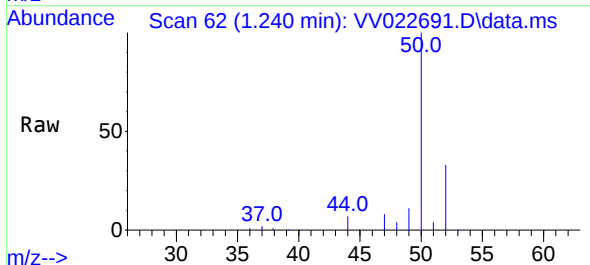
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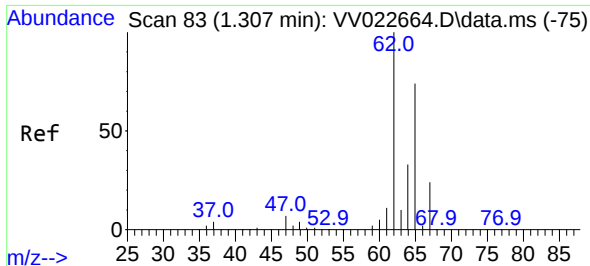
Tgt Ion: 85 Resp: 48353
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.3 39.5



#3
 Chloromethane
 Concen: 5.255 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022691.D
 Acq: 08 Oct 2021 09:45

Tgt Ion: 50 Resp: 48654
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.9 42.5

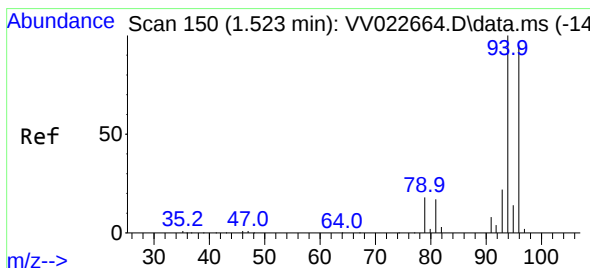
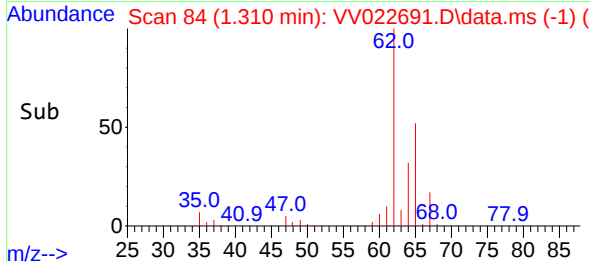
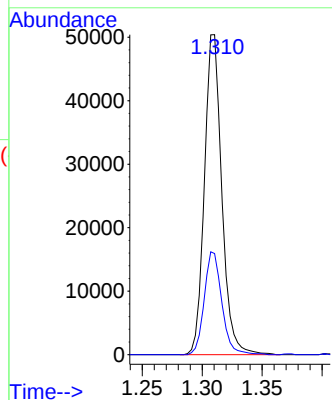
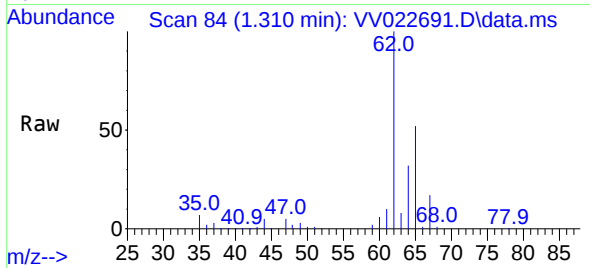




#5
 Vinyl chloride
 Concen: 5.335 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022691.D
 Acq: 08 Oct 2021 09:45

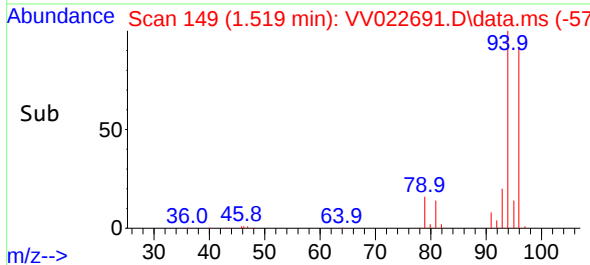
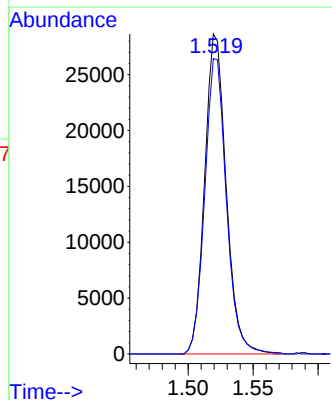
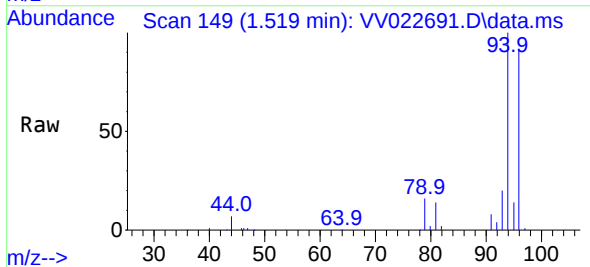
Instrument :
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 ClientSampled :

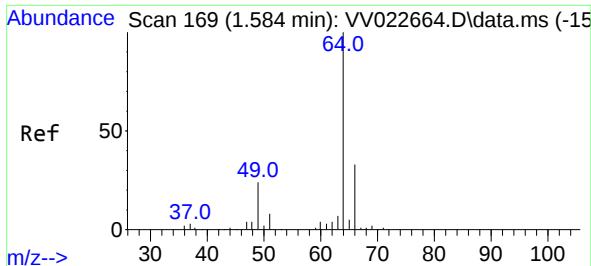
Tgt Ion: 62 Resp: 51032
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.0 42.8



#6
 Bromomethane
 Concen: 5.536 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022691.D
 Acq: 08 Oct 2021 09:45

Tgt Ion: 94 Resp: 33016
 Ion Ratio Lower Upper
 94 100
 96 92.3 67.2 124.8

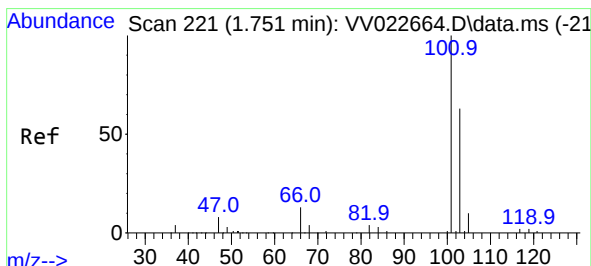
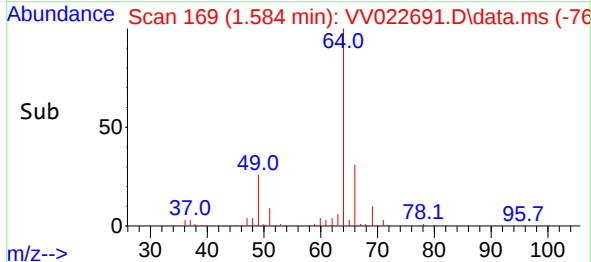
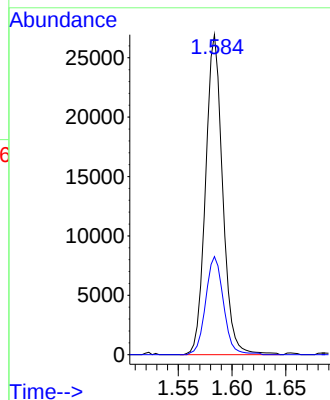
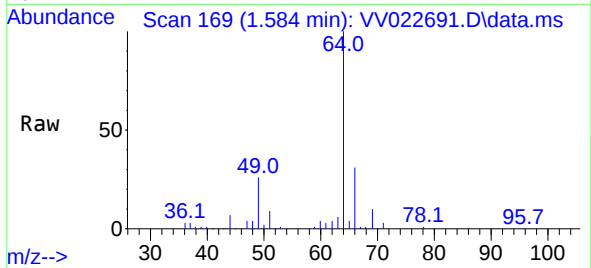




#8
Chloroethane
Concen: 5.046 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

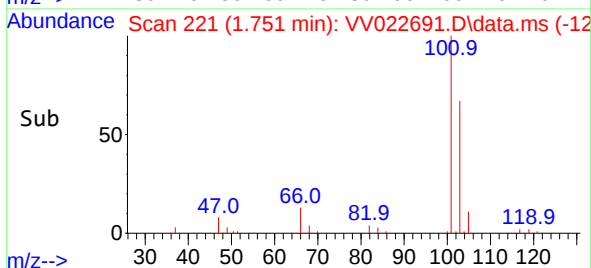
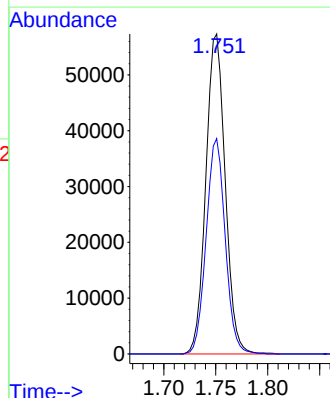
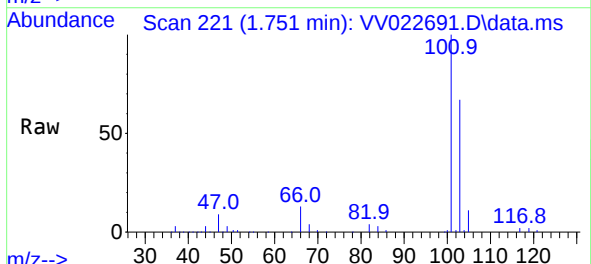
Instrument :
MSVOA_V
ClientSampled :

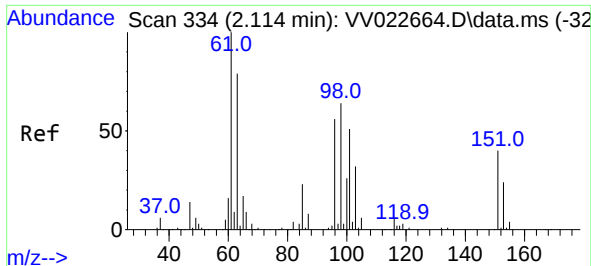
Tgt Ion: 64 Resp: 29863
Ion Ratio Lower Upper
64 100
66 30.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.294 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:101 Resp: 74173
Ion Ratio Lower Upper
101 100
103 66.3 50.3 75.5

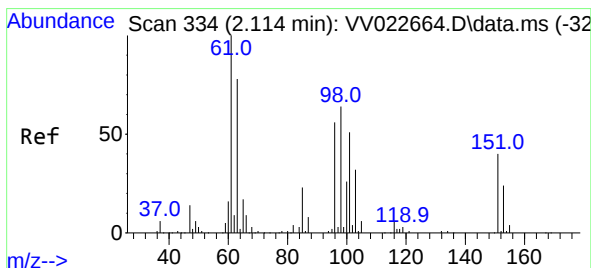
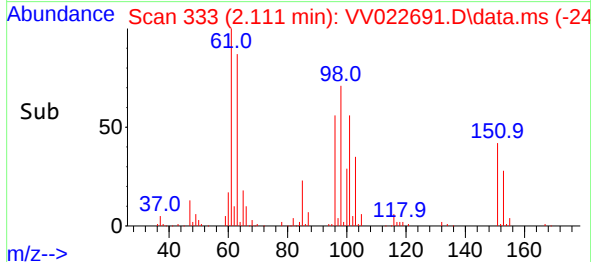
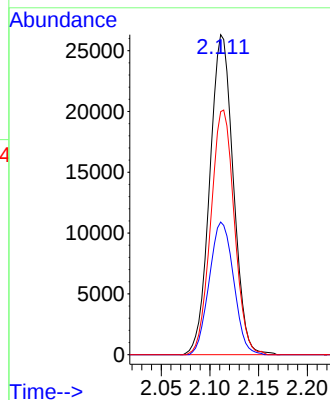
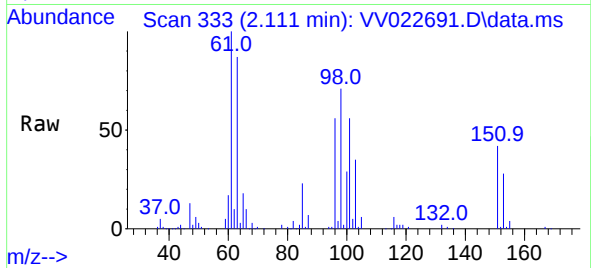




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.428 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

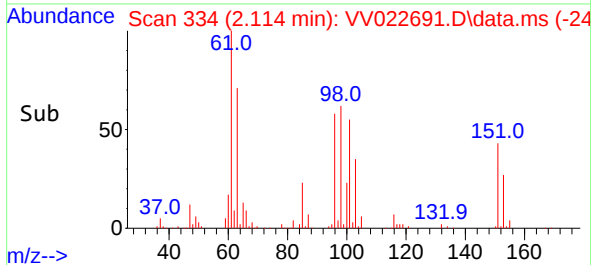
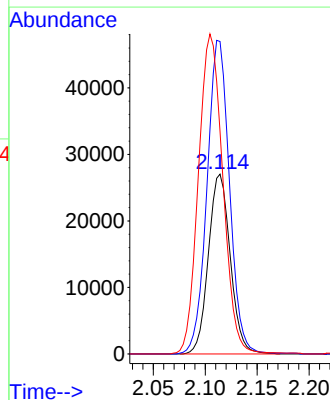
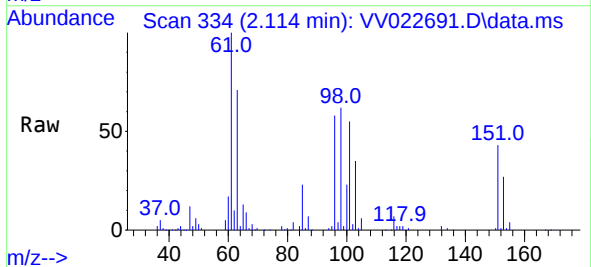
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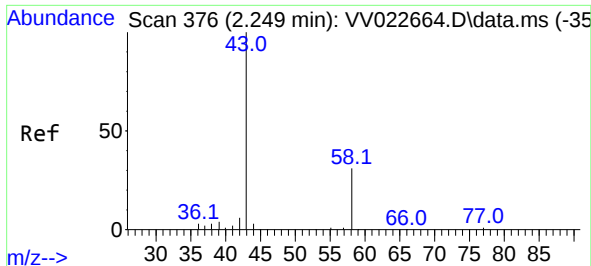
Tgt Ion:101 Resp: 44242
Ion Ratio Lower Upper
101 100
85 42.9 34.6 52.0
151 76.5 60.9 91.3



#12
1,1-Dichloroethene
Concen: 5.180 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 96 Resp: 39546
Ion Ratio Lower Upper
96 100
61 173.7 127.3 236.5
63 123.7 106.2 197.2

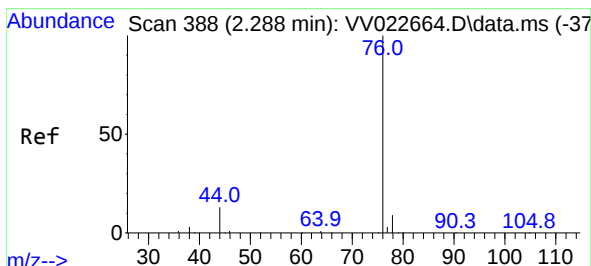
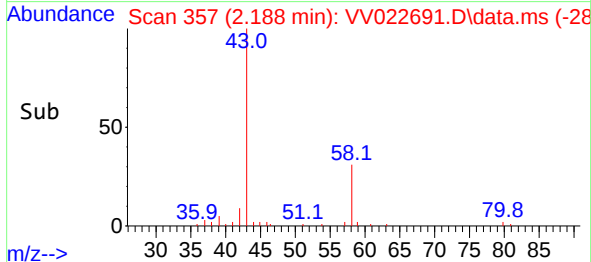
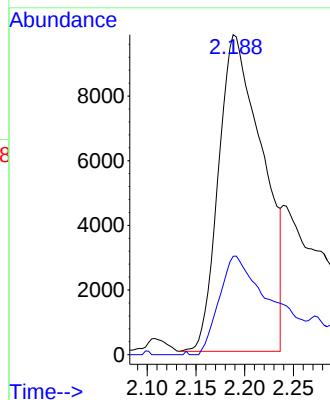
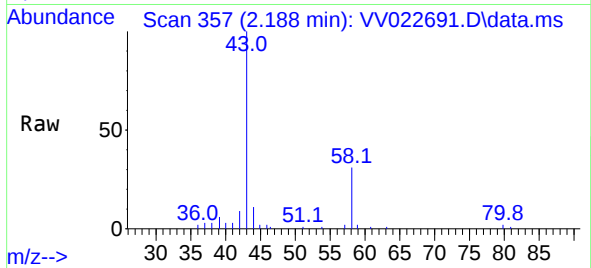




#13
Acetone
Concen: 24.283 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.061 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

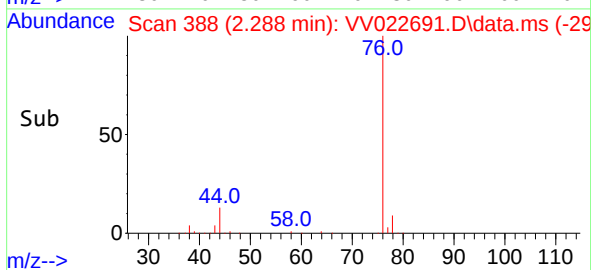
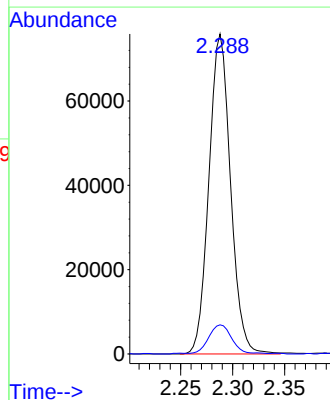
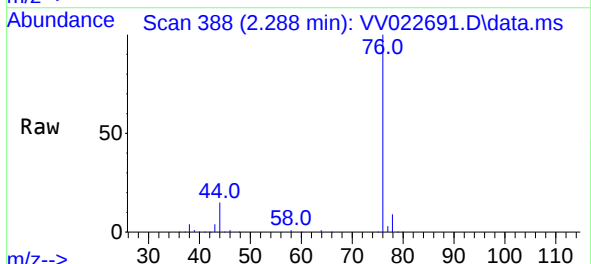
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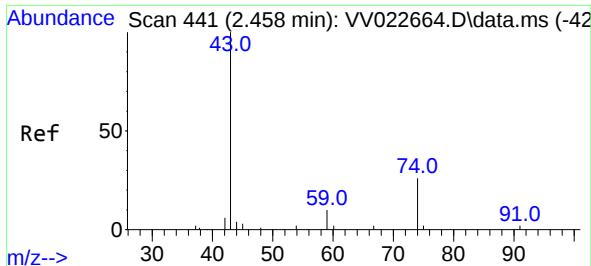
Tgt Ion: 43 Resp: 30875
Ion Ratio Lower Upper
43 100
58 37.3 0.0 24.2#



#14
Carbon disulfide
Concen: 5.118 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 109816
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

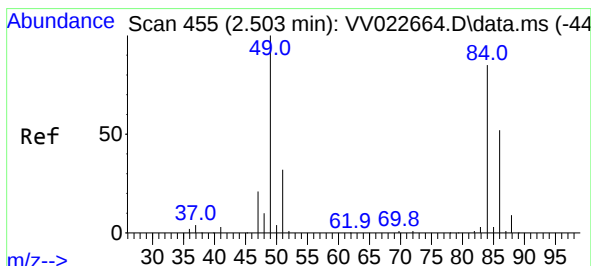
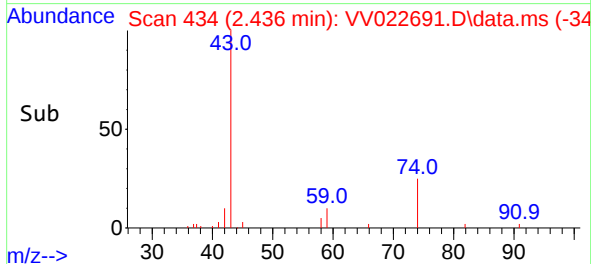
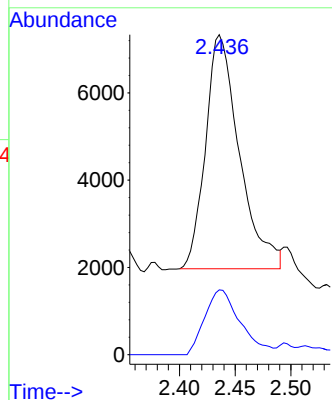
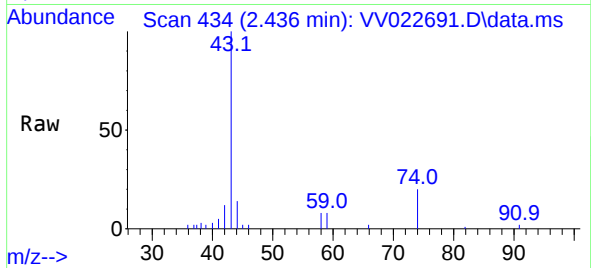




#15
Methyl Acetate
Concen: 3.120 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.023 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

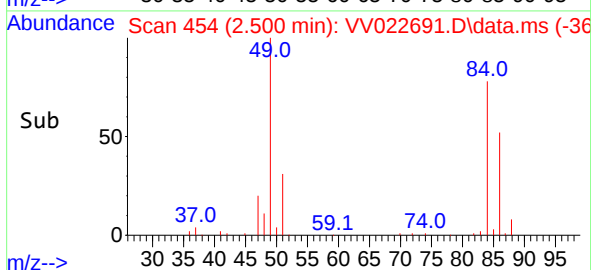
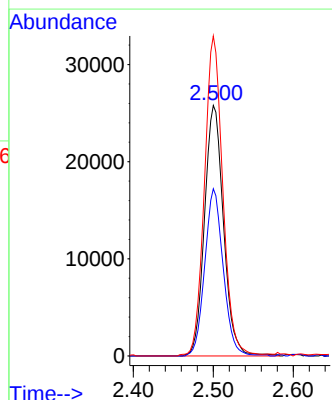
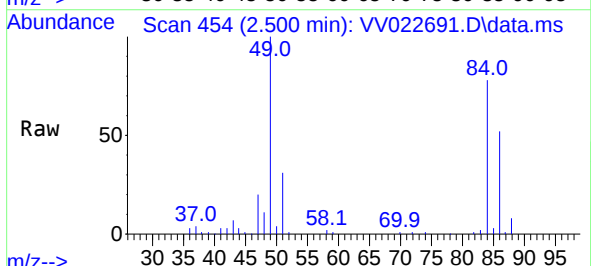
Instrument :
MSVOA_V
ClientSampled :

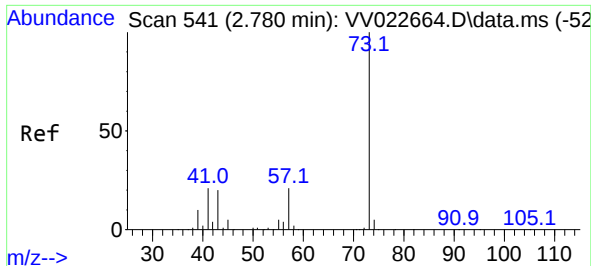
Tgt Ion: 43 Resp: 11350
Ion Ratio Lower Upper
43 100
74 29.0 19.9 29.9



#16
Methylene chloride
Concen: 4.059 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 84 Resp: 42660
Ion Ratio Lower Upper
84 100
86 66.7 45.8 85.2
49 127.7 90.3 167.7

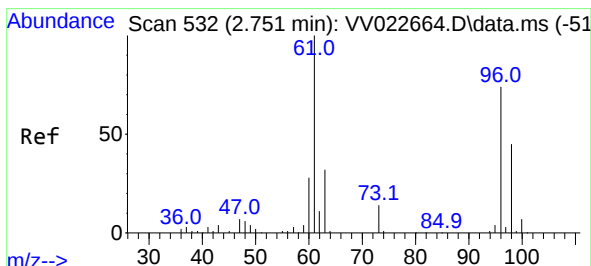
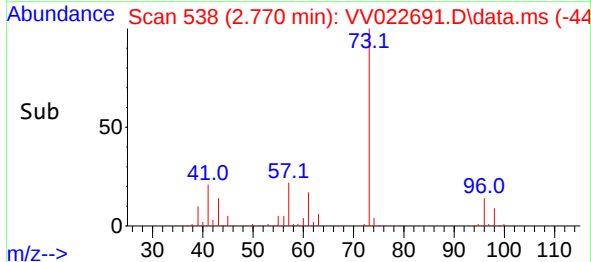
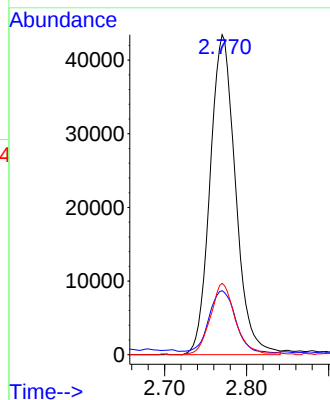
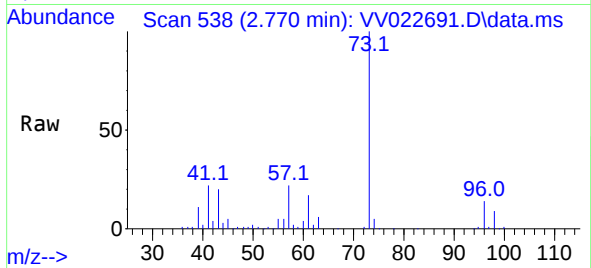




#17
Methyl tert-butyl Ether
Concen: 5.077 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.010 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

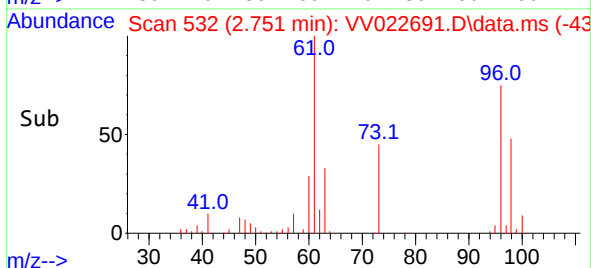
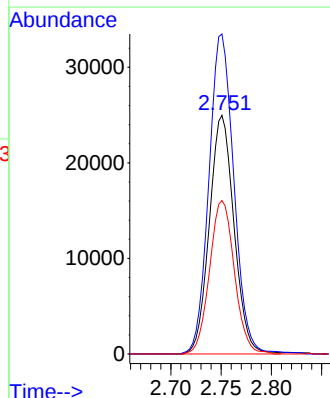
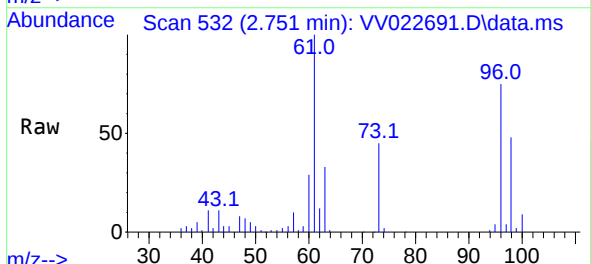
Instrument :
MSVOA_V
ClientSampled :

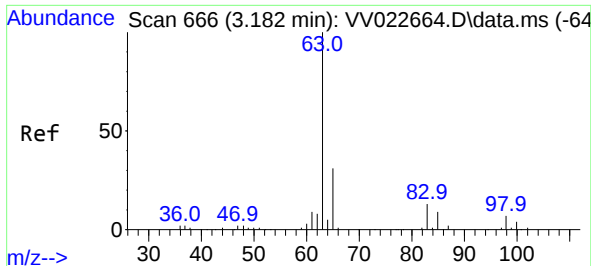
Tgt Ion: 73 Resp: 93790
Ion Ratio Lower Upper
73 100
43 20.1 17.1 25.7
57 21.8 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.138 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 96 Resp: 42658
Ion Ratio Lower Upper
96 100
61 134.1 94.5 175.5
98 64.3 44.2 82.0

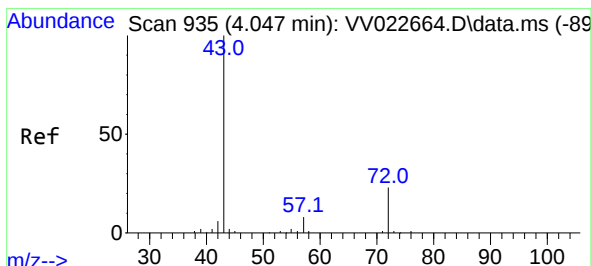
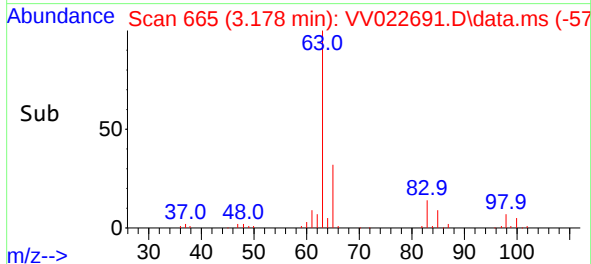
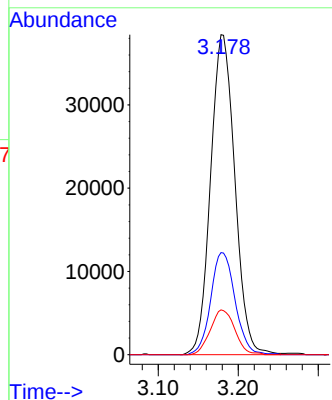
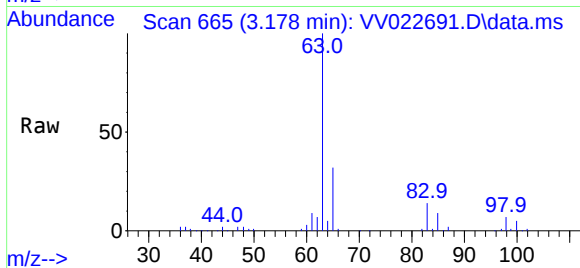




#19
1,1-Dichloroethane
Concen: 5.409 ug/L
RT: 3.178 min Scan# 665
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

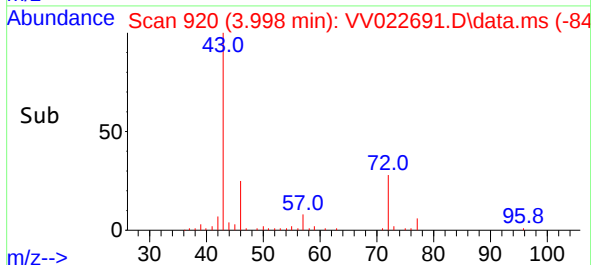
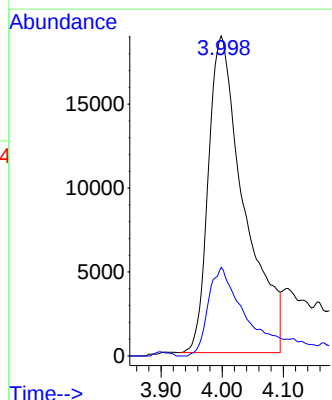
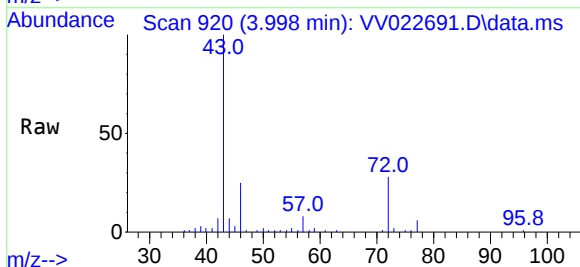
Instrument :
MSVOA_V
ClientSampleId :

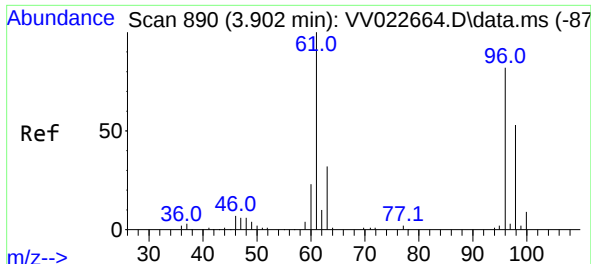
Tgt Ion: 63 Resp: 80887
Ion Ratio Lower Upper
63 100
65 31.9 23.5 43.7
83 14.0 10.1 18.7



#21
2-Butanone
Concen: 36.963 ug/L
RT: 3.998 min Scan# 920
Delta R.T. -0.048 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 43 Resp: 76951
Ion Ratio Lower Upper
43 100
72 28.9 12.3 36.8

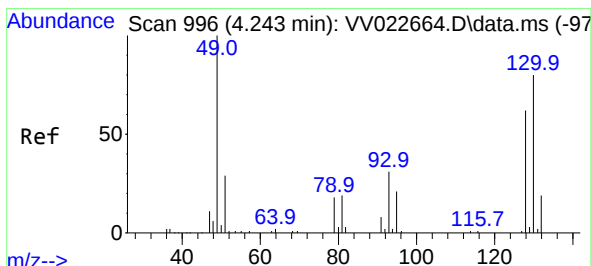
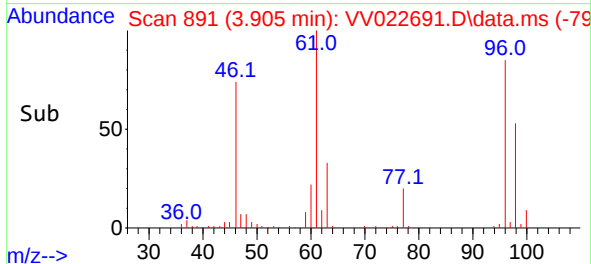
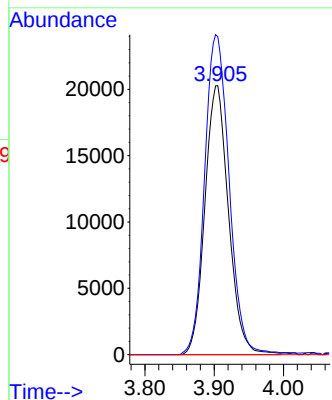
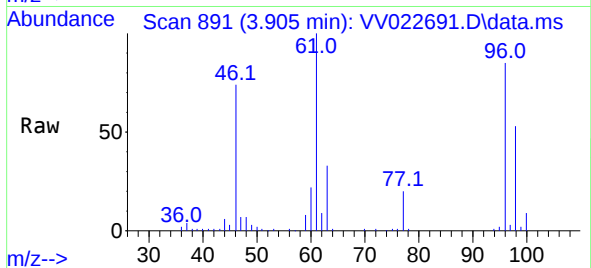




#22
cis-1,2-Dichloroethene
Concen: 5.516 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

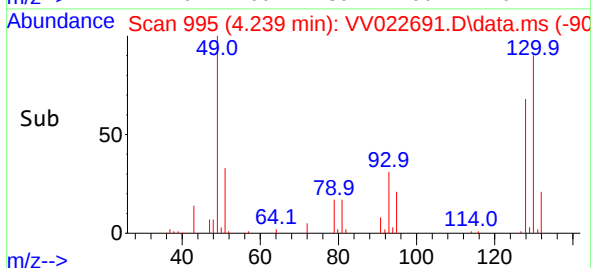
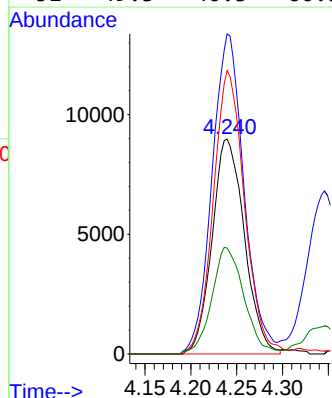
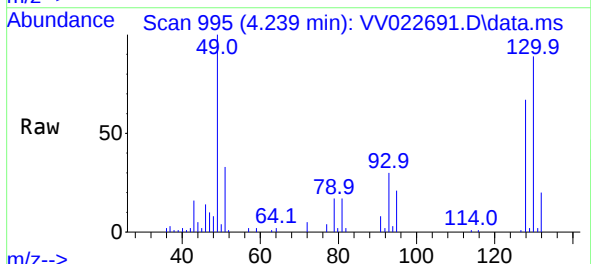
Instrument :
MSVOA_V
ClientSampled :

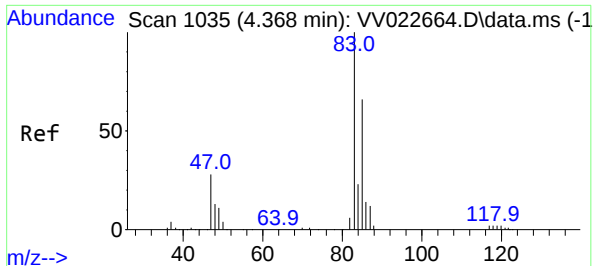
Tgt Ion: 96 Resp: 48094
Ion Ratio Lower Upper
96 100
61 118.3 86.0 159.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.674 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 128 Resp: 21977
Ion Ratio Lower Upper
128 100
49 148.9 106.9 198.5
130 131.9 91.9 170.7
51 49.3 40.3 60.5



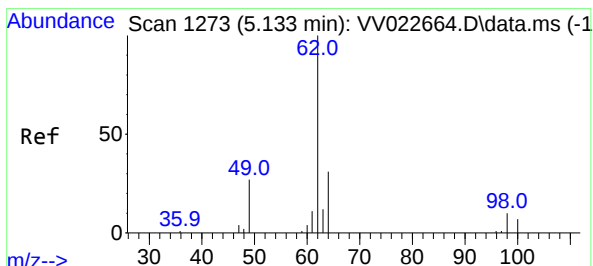
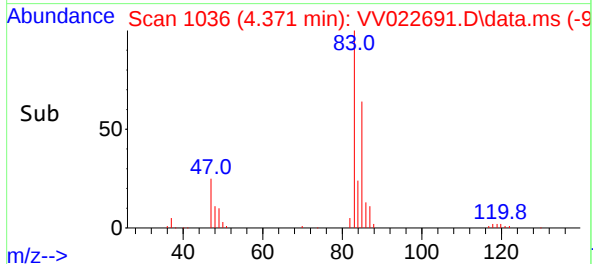
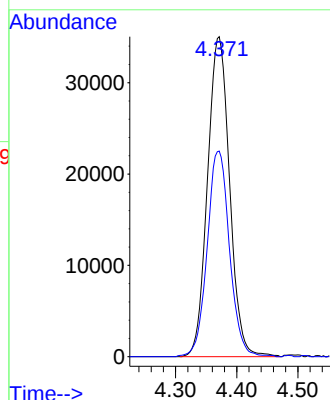
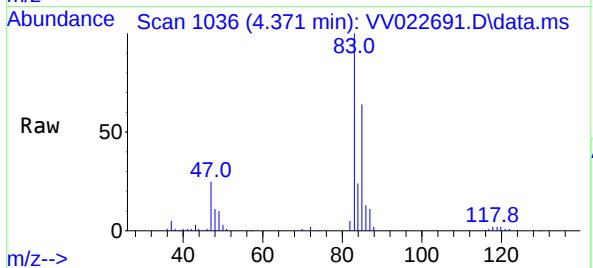


#25

Chloroform
Concen: 5.074 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

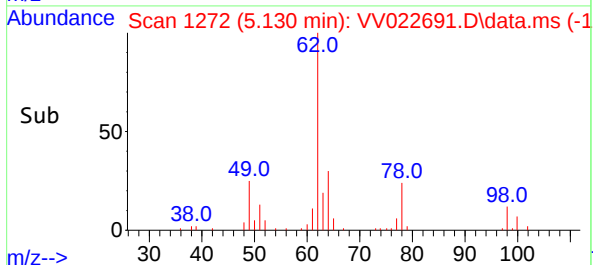
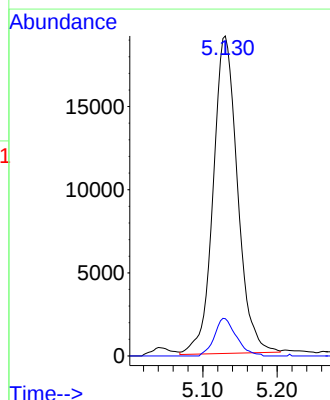
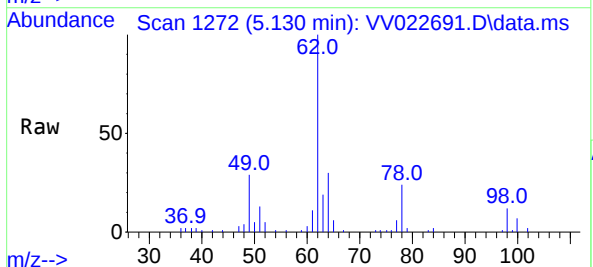
Tgt Ion: 83 Resp: 87955
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9

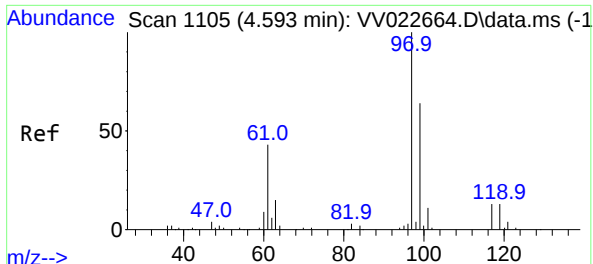


#27

1,2-Dichloroethane
Concen: 5.034 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 62 Resp: 43558
Ion Ratio Lower Upper
62 100
98 11.6 9.7 14.5

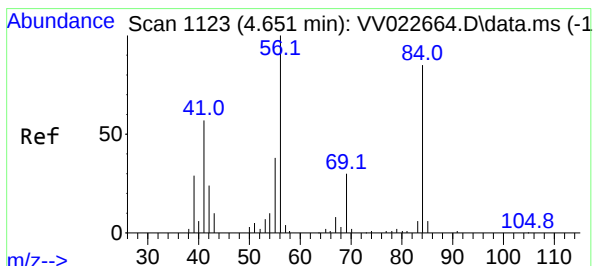
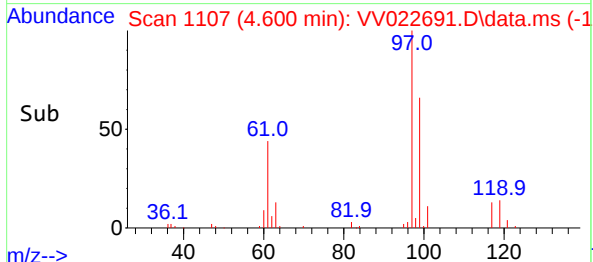
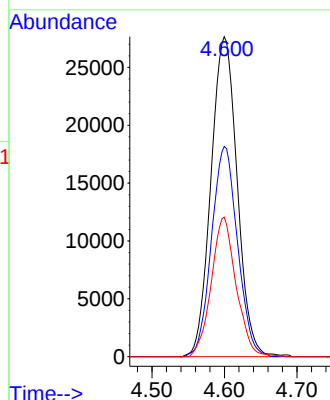
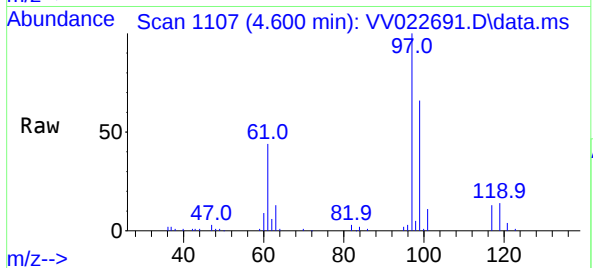




#29
1,1,1-Trichloroethane
Concen: 4.793 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

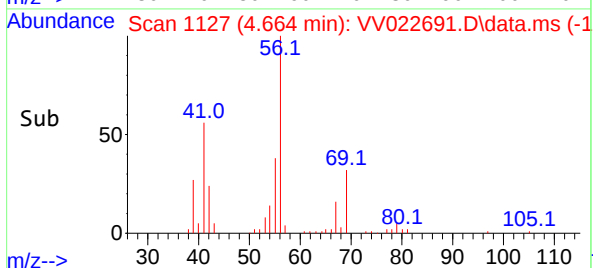
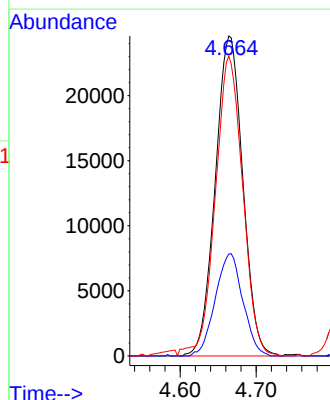
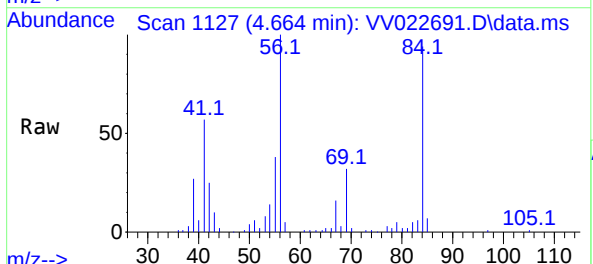
Instrument :
MSVOA_V
ClientSampled :

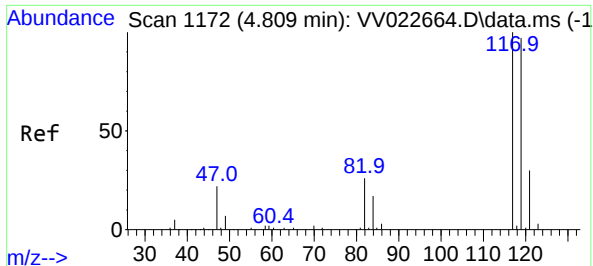
Tgt Ion:	97	Resp:	69420
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.2	76.8
61	41.4	33.2	49.8



#30
Cyclohexane
Concen: 4.625 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. 0.013 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:	56	Resp:	61823
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.9	37.3
84	93.1	72.5	108.7

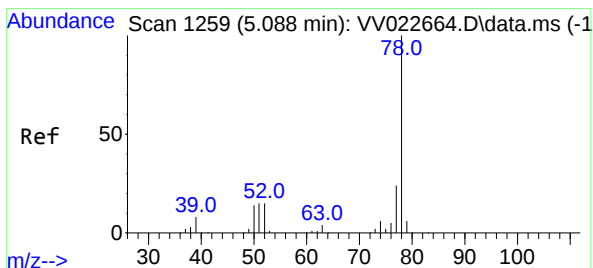
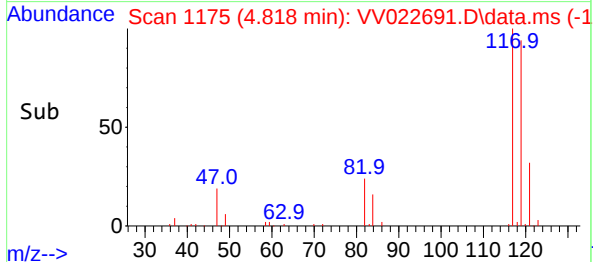
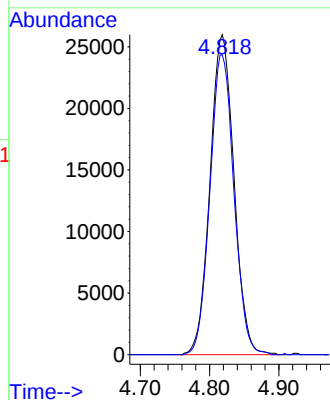
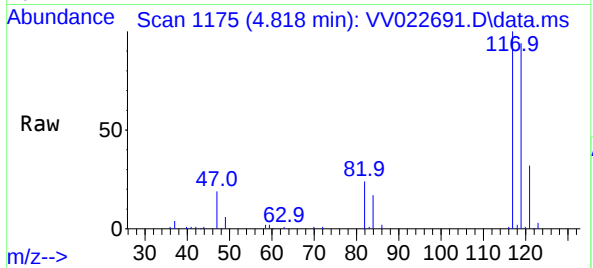




#31
Carbon tetrachloride
Concen: 4.965 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

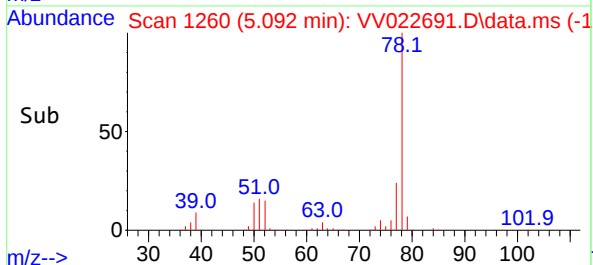
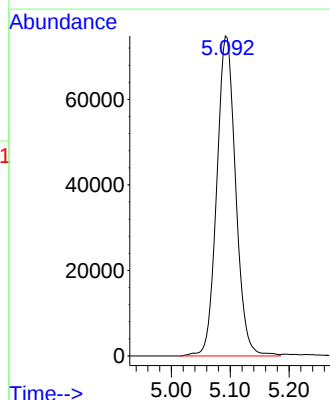
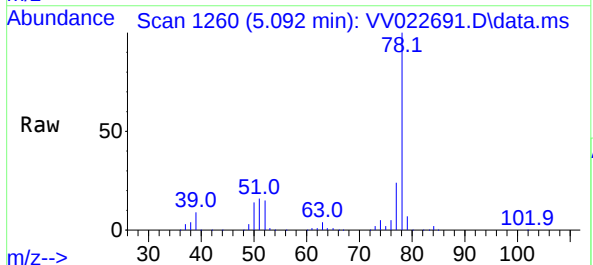
Instrument :
MSVOA_V
ClientSampled :

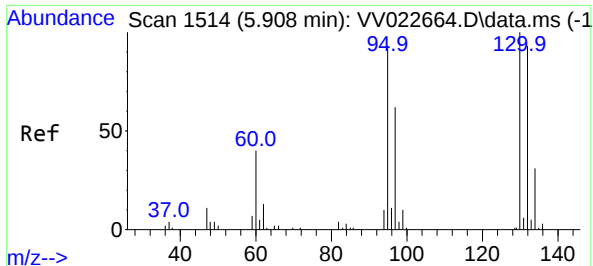
Tgt Ion:117 Resp: 62421
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.0



#33
Benzene
Concen: 4.890 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 78 Resp: 167051

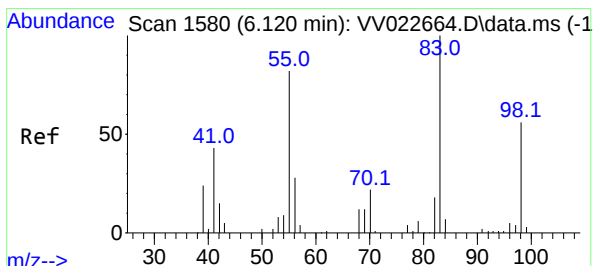
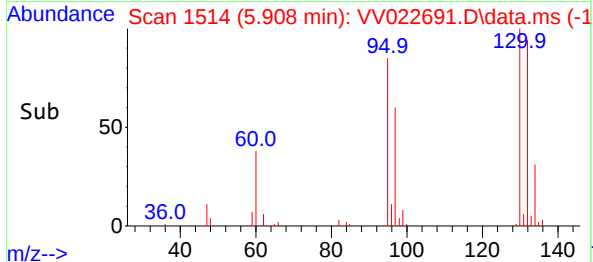
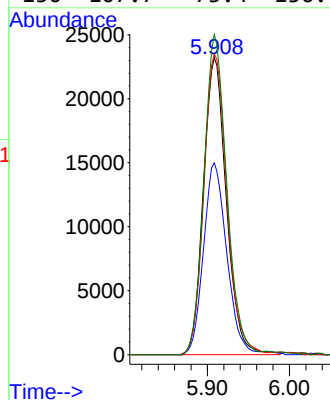
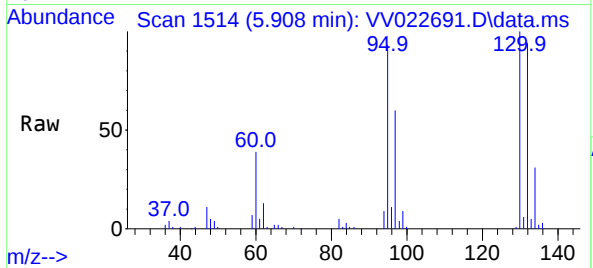




#34
Trichloroethene
Concen: 4.858 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

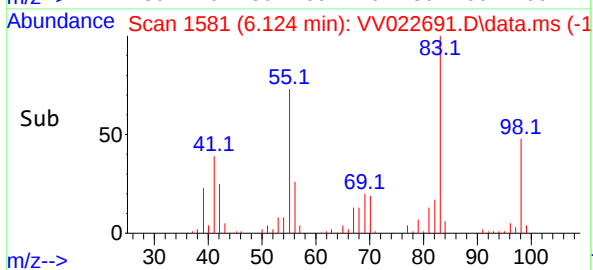
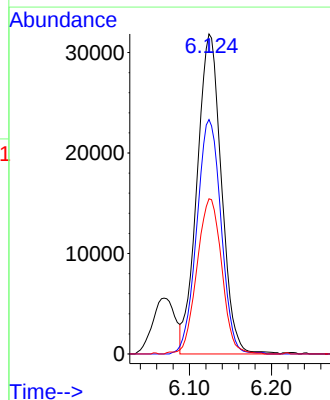
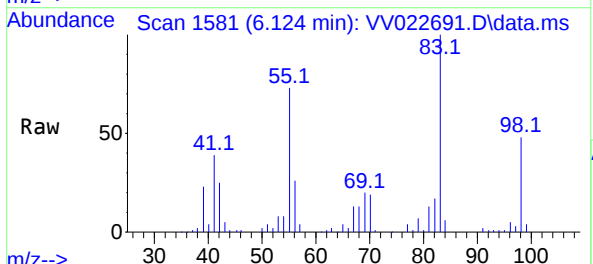
Instrument :
MSVOA_V
ClientSampled :

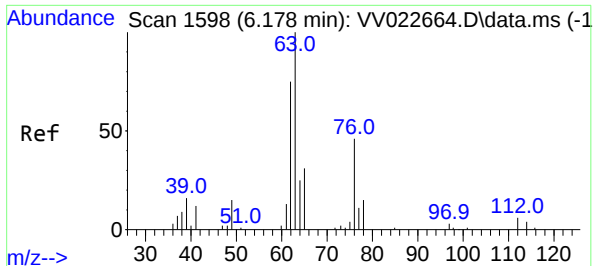
Tgt Ion: 95 Resp: 45129
Ion Ratio Lower Upper
95 100
97 64.6 45.8 85.2
132 101.2 72.2 134.0
130 107.7 73.4 136.4



#35
Methylcyclohexane
Concen: 5.049 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 83 Resp: 65716
Ion Ratio Lower Upper
83 100
55 73.0 63.8 95.6
98 49.4 42.1 63.1



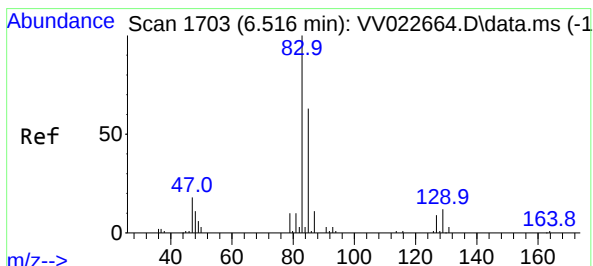
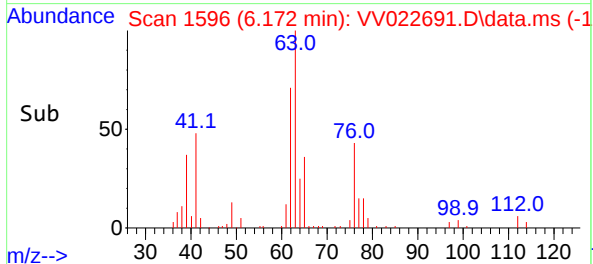
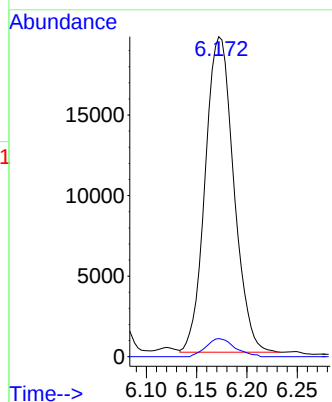
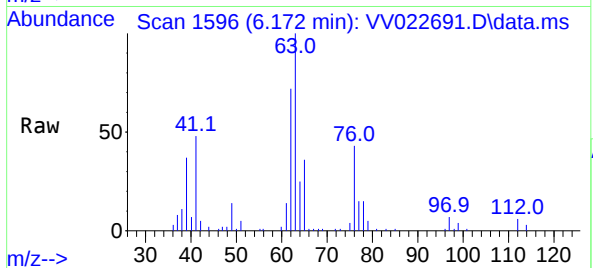


#37

1,2-Dichloropropane
Concen: 4.716 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.006 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

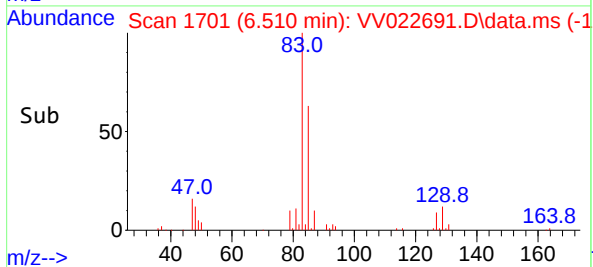
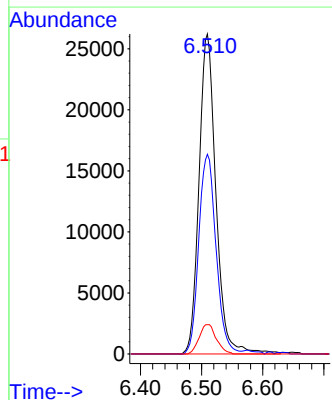
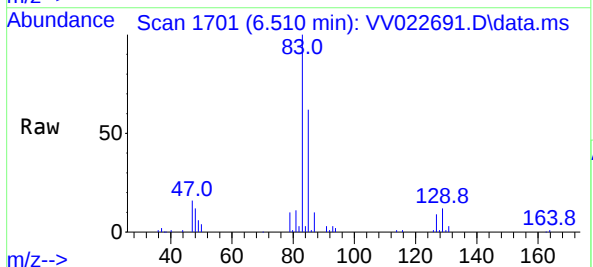
Tgt Ion: 63 Resp: 38747
Ion Ratio Lower Upper
63 100
112 5.8 4.4 6.6

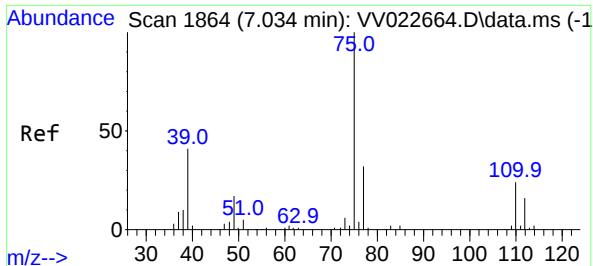


#38

Bromodichloromethane
Concen: 4.978 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 83 Resp: 50395
Ion Ratio Lower Upper
83 100
85 62.4 44.3 82.3
127 9.2 7.7 11.5

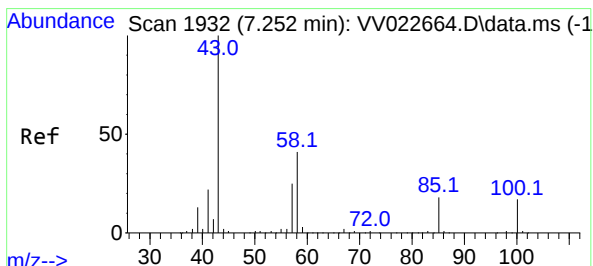
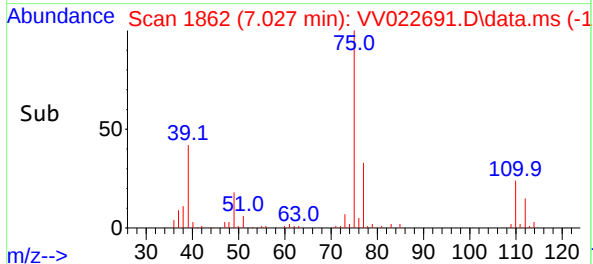
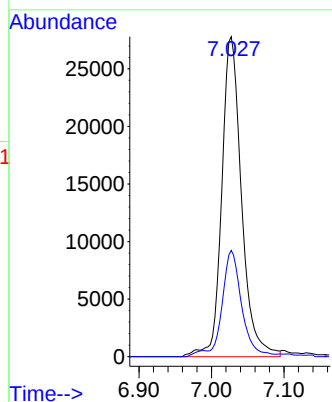
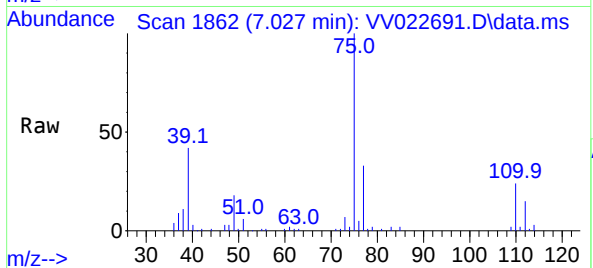




#39
 cis-1,3-Dichloropropene
 Concen: 4.851 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.006 min
 Lab File: VV022691.D
 Acq: 08 Oct 2021 09:45

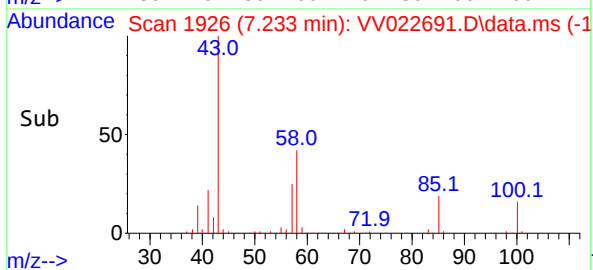
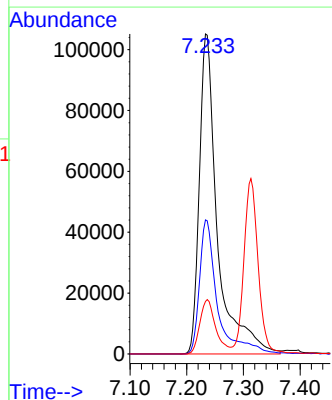
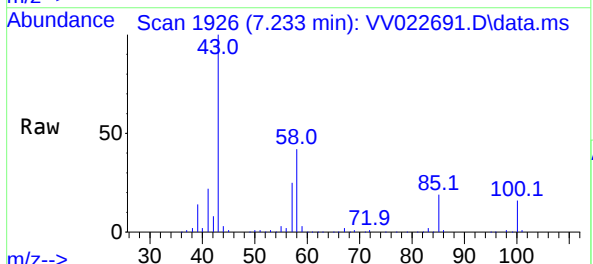
Instrument :
 MSVOA_V
 ClientSampled :

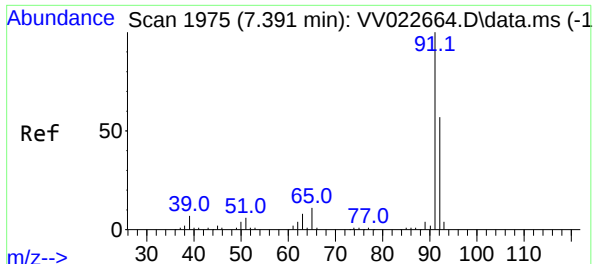
Tgt Ion: 75 Resp: 52768
 Ion Ratio Lower Upper
 75 100
 77 33.2 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 52.875 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. -0.019 min
 Lab File: VV022691.D
 Acq: 08 Oct 2021 09:45

Tgt Ion: 43 Resp: 233429
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.0 48.0
 100 15.0 14.2 21.2





#42

Toluene

Concen: 5.323 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VV022691.D

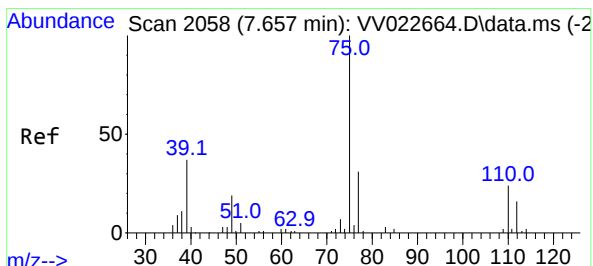
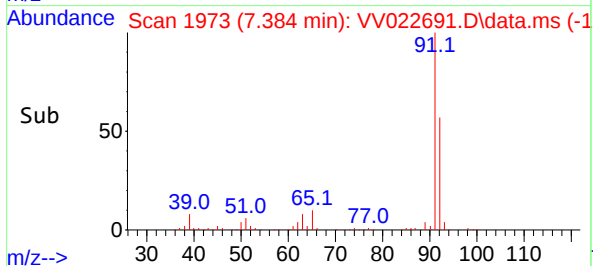
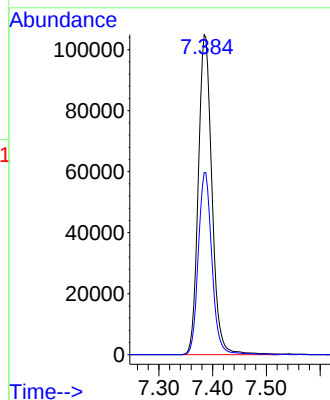
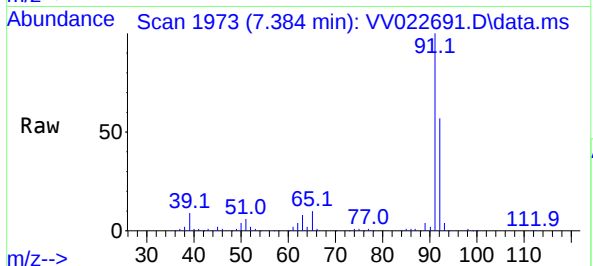
Acq: 08 Oct 2021 09:45

Tgt Ion: 91 Resp: 184596

Ion Ratio Lower Upper

91 100

92 56.9 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.317 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VV022691.D

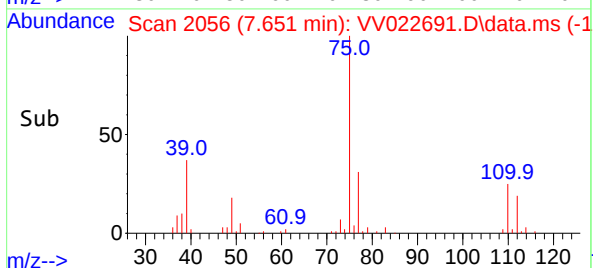
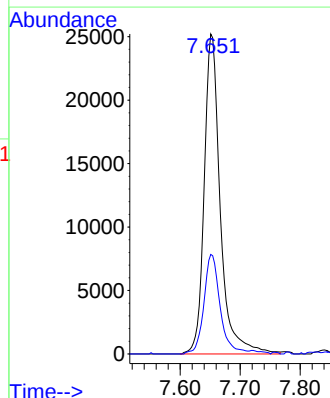
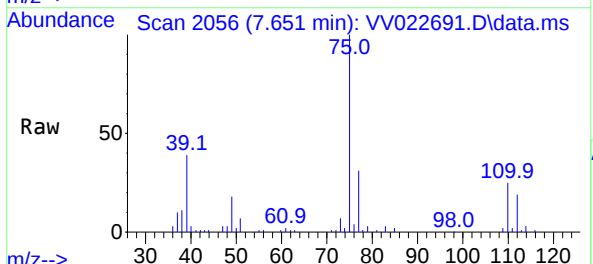
Acq: 08 Oct 2021 09:45

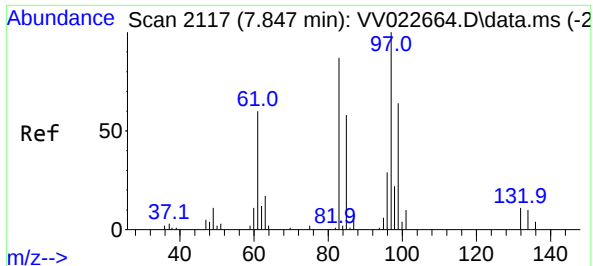
Tgt Ion: 75 Resp: 47142

Ion Ratio Lower Upper

75 100

77 31.1 23.9 44.5



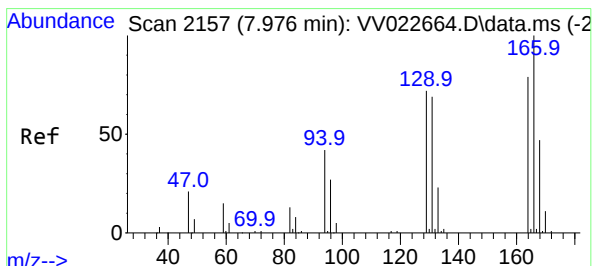
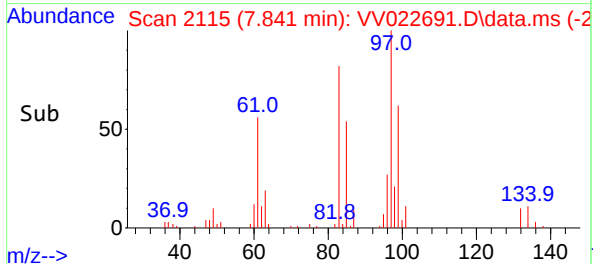
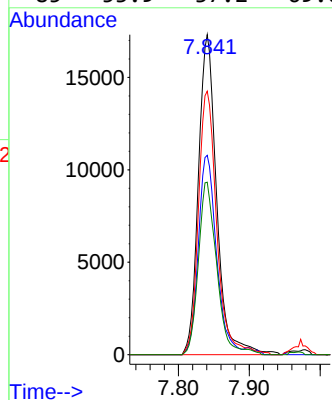
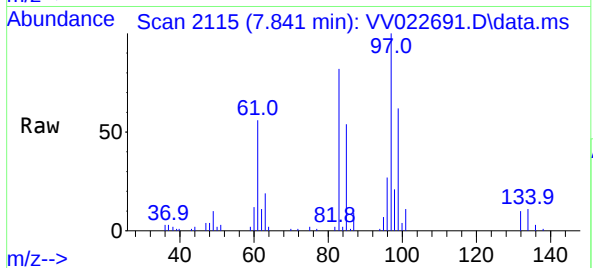


#45
1,1,2-Trichloroethane
Concen: 5.089 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 31026

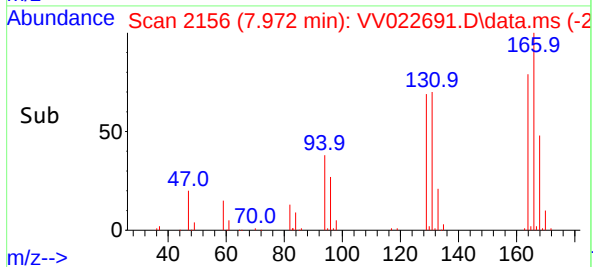
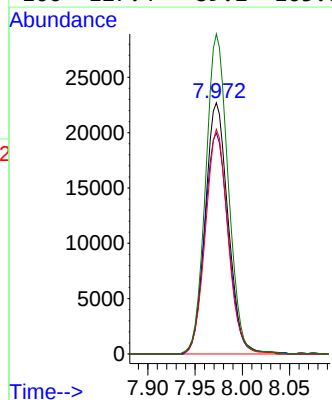
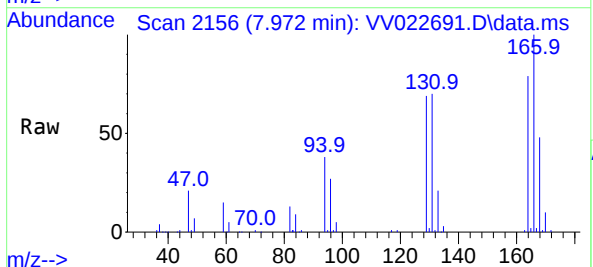
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.5	82.7
83	82.4	56.6	105.0
85	53.9	37.2	69.0

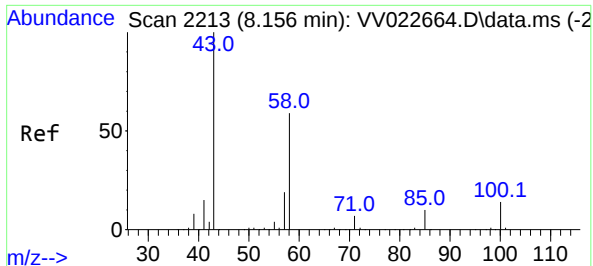


#47
Tetrachloroethene
Concen: 5.091 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 164 Resp: 38250

Ion	Ratio	Lower	Upper
164	100		
129	88.0	65.0	120.6
131	89.4	62.2	115.4
166	127.4	89.2	165.8



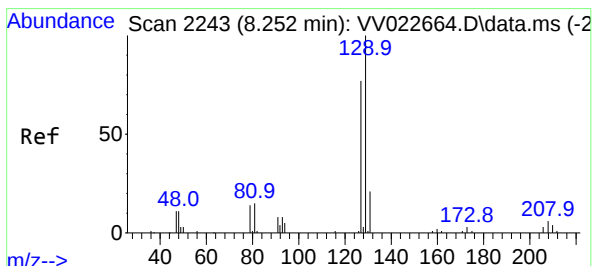
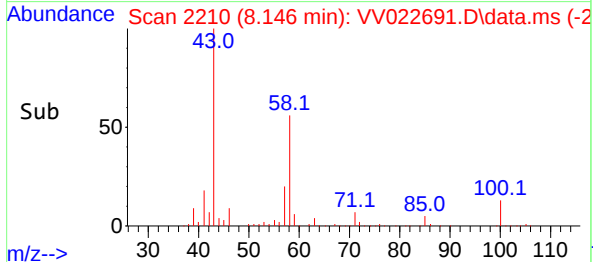
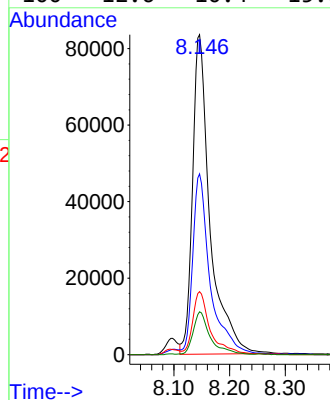
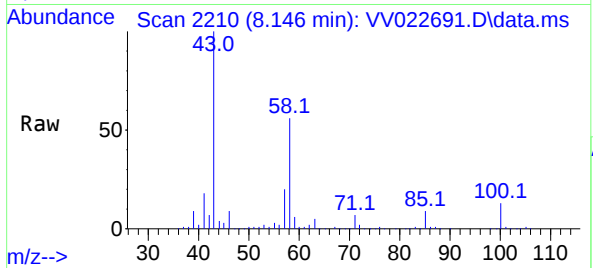


#48
2-Hexanone
Concen: 56.553 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 182550

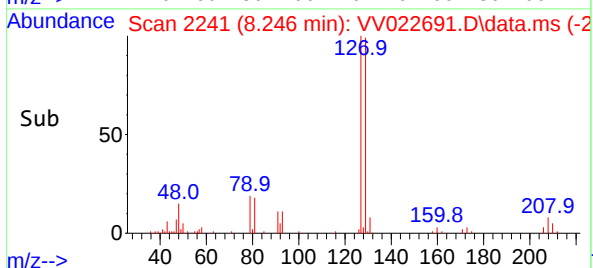
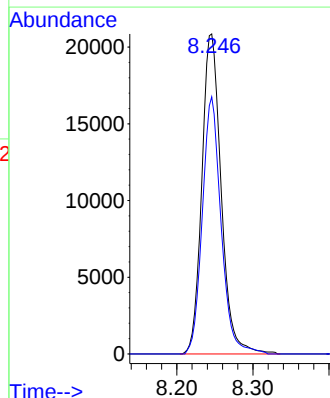
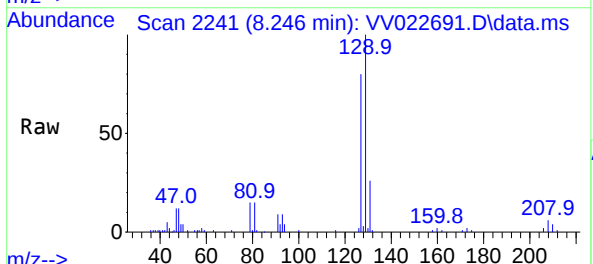
Ion	Ratio	Lower	Upper
43	100		
58	56.4	47.4	71.0
57	19.2	15.3	22.9
100	12.6	10.4	15.6

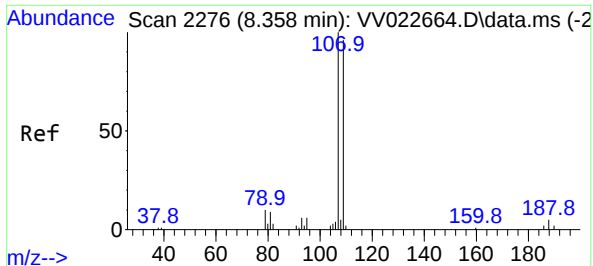


#49
Dibromochloromethane
Concen: 5.169 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.006 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 129 Resp: 36889

Ion	Ratio	Lower	Upper
129	100		
127	80.4	59.1	109.9

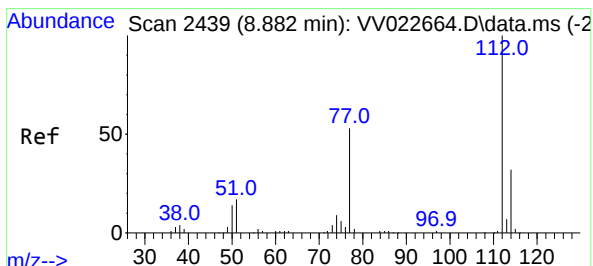
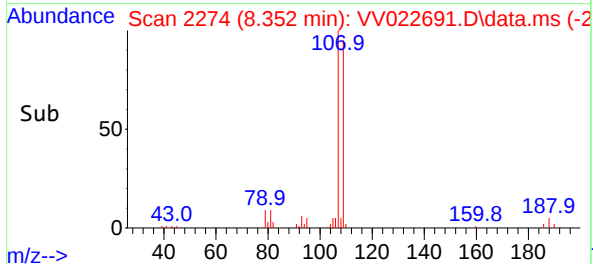
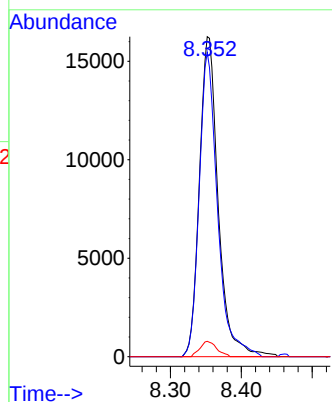
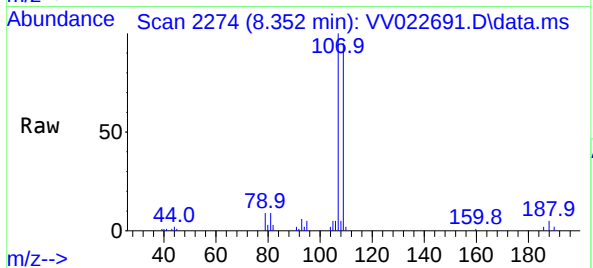




#50
1,2-Dibromoethane
Concen: 5.258 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

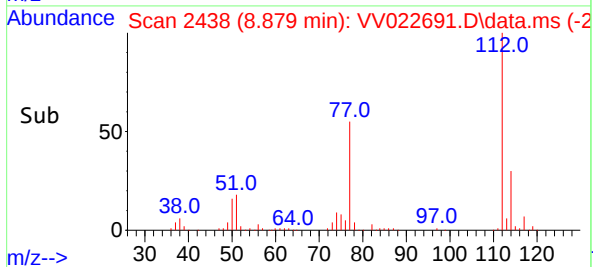
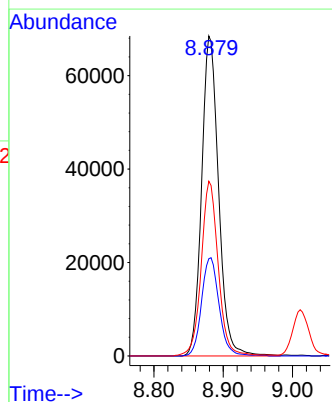
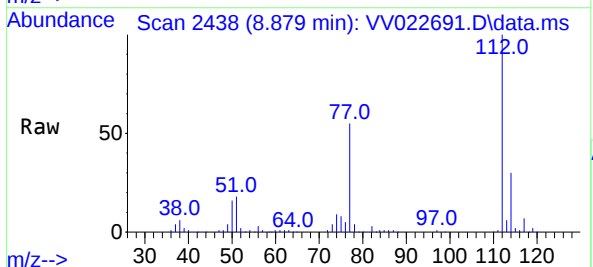
Instrument :
MSVOA_V
ClientSampled :

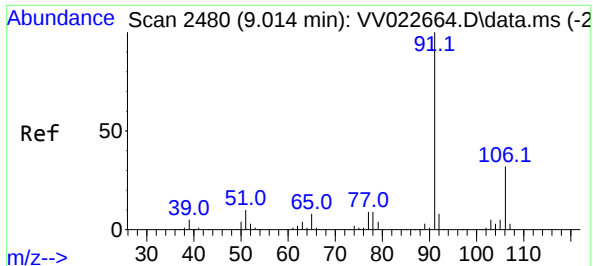
Tgt Ion:107 Resp: 29937
Ion Ratio Lower Upper
107 100
109 95.1 67.1 124.5
188 4.8 3.4 5.0



#51
Chlorobenzene
Concen: 5.099 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:112 Resp: 116206
Ion Ratio Lower Upper
112 100
114 30.4 21.6 40.2
77 54.6 43.7 65.5





#52

Ethylbenzene

Concen: 5.072 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV022691.D

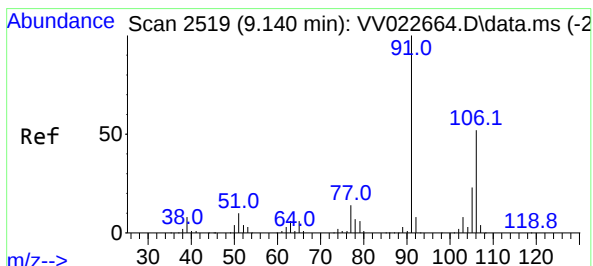
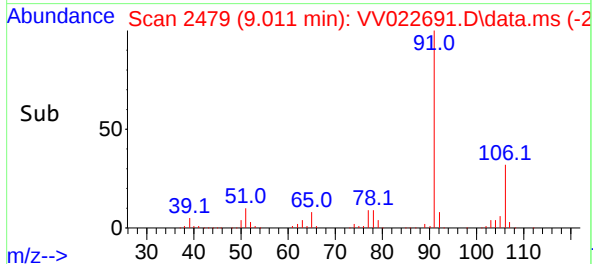
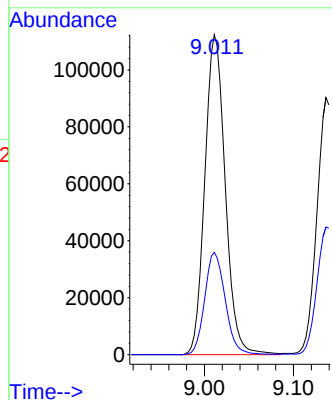
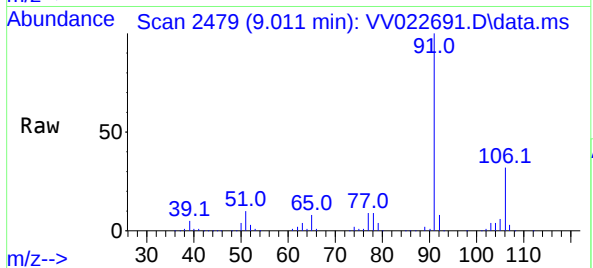
Acq: 08 Oct 2021 09:45

Tgt Ion: 91 Resp: 178571

Ion Ratio Lower Upper

91 100

106 32.0 21.6 40.2



#53

m,p-xylene

Concen: 5.229 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV022691.D

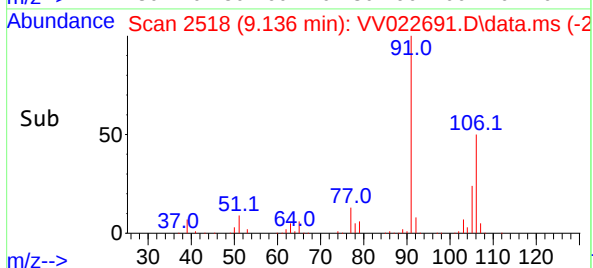
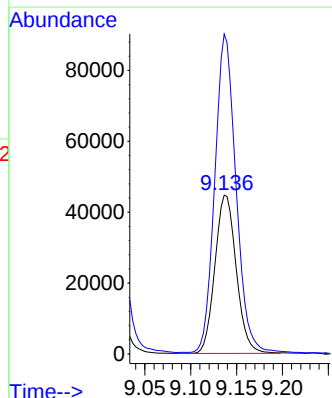
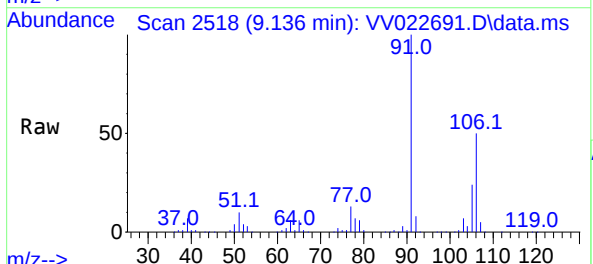
Acq: 08 Oct 2021 09:45

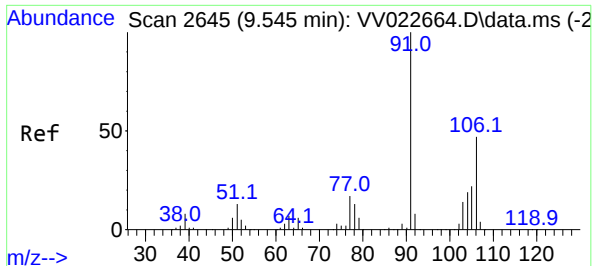
Tgt Ion: 106 Resp: 72250

Ion Ratio Lower Upper

106 100

91 201.4 138.7 257.5

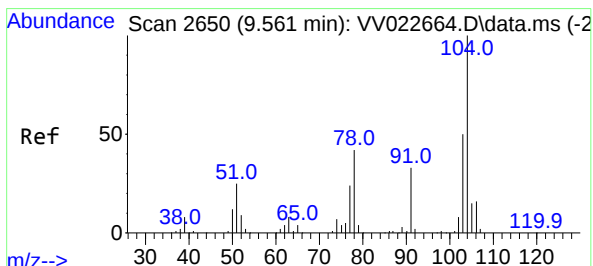
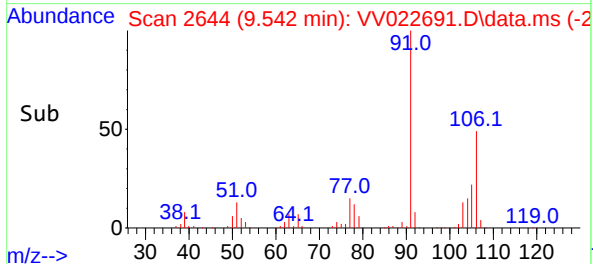
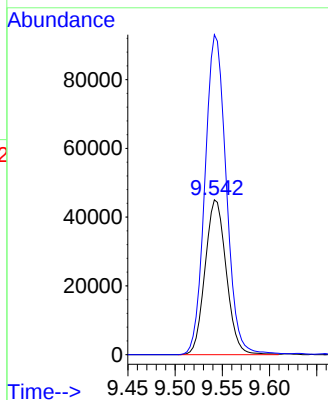
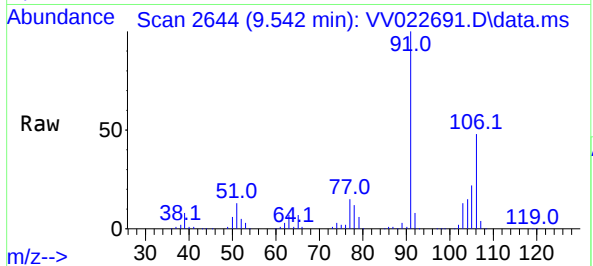




#54
o-xylene
Concen: 5.412 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

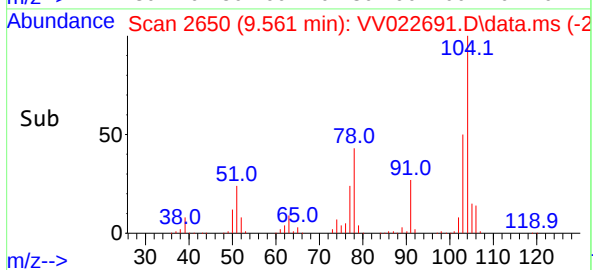
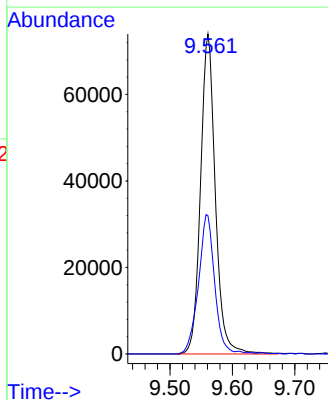
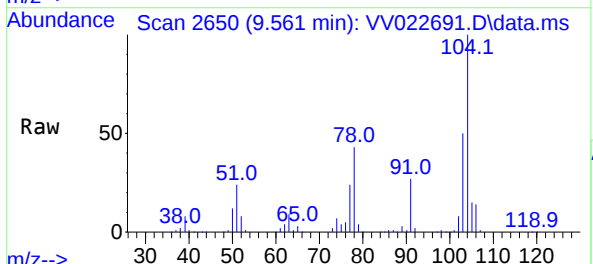
Instrument :
MSVOA_V
ClientSampled :

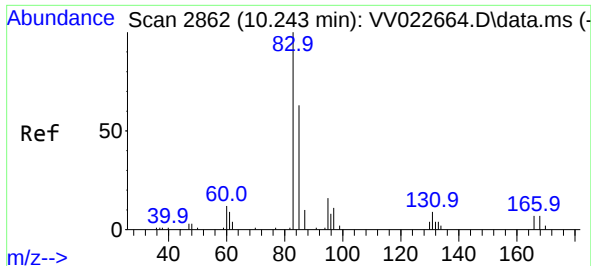
Tgt Ion:106 Resp: 70349
Ion Ratio Lower Upper
106 100
91 206.6 151.1 280.7



#55
Styrene
Concen: 5.457 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:104 Resp: 122245
Ion Ratio Lower Upper
104 100
78 43.2 29.5 54.7

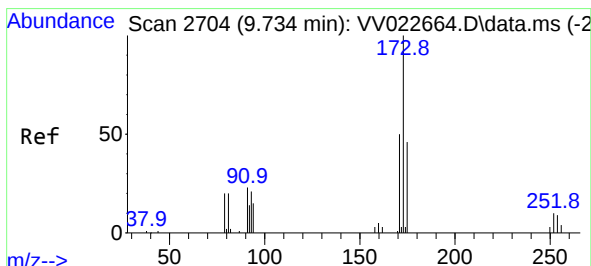
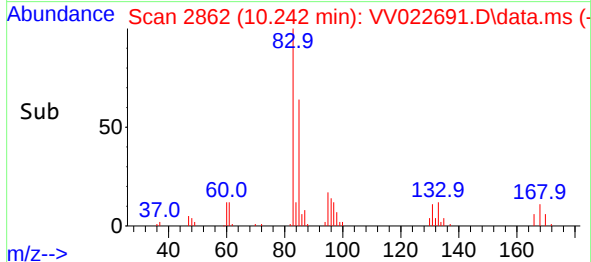
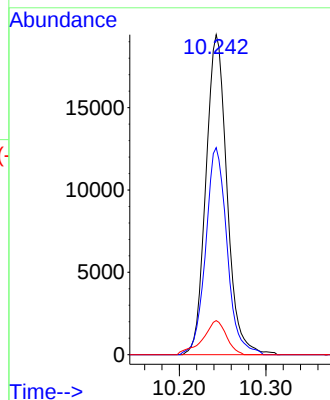
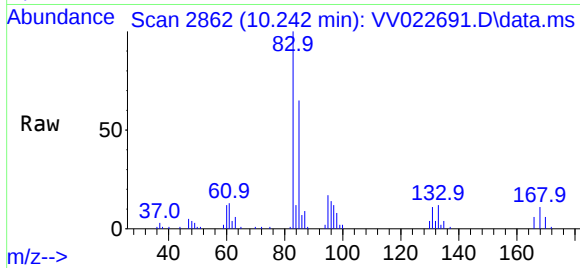




#57
1,1,2,2-Tetrachloroethane
Concen: 5.323 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

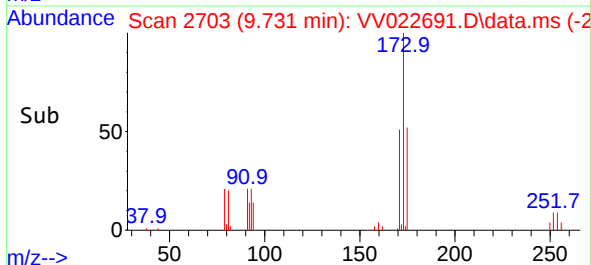
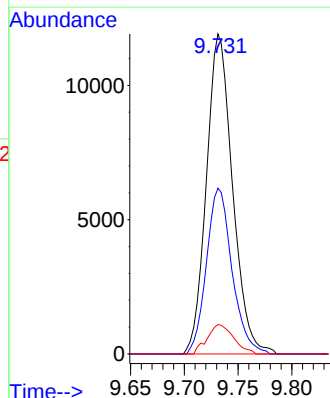
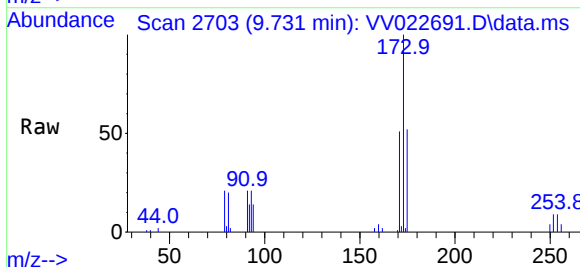
Instrument :
MSVOA_V
ClientSampled :

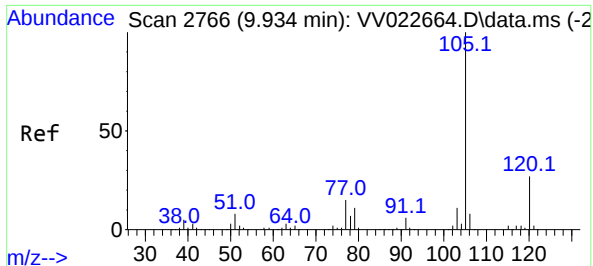
Tgt Ion:	83	Resp:	32837
Ion	Ratio	Lower	Upper
83	100		
85	64.7	46.0	85.4
131	10.6	8.4	12.6



#59
Bromoform
Concen: 4.985 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:	173	Resp:	20164
Ion	Ratio	Lower	Upper
173	100		
175	50.7	38.3	57.5
254	9.3	7.1	10.7

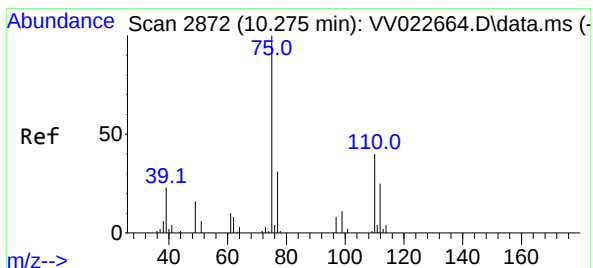
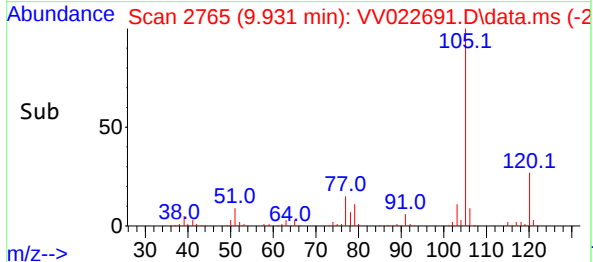
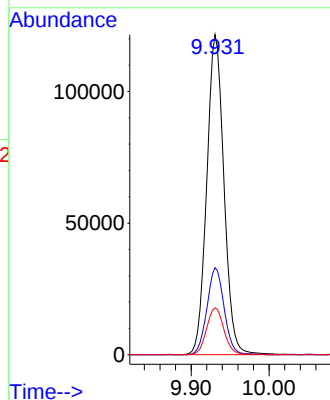
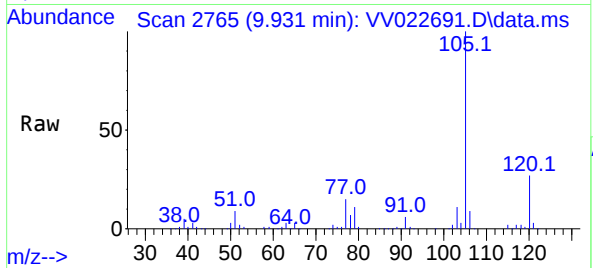




#60
Isopropylbenzene
Concen: 5.082 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

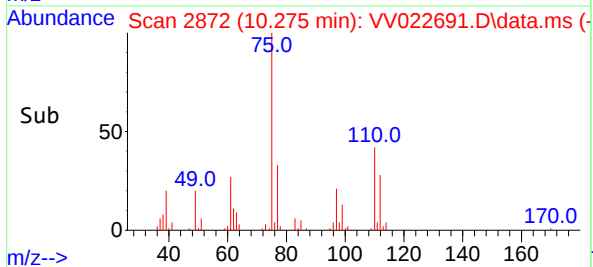
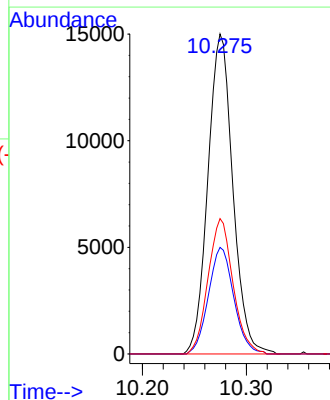
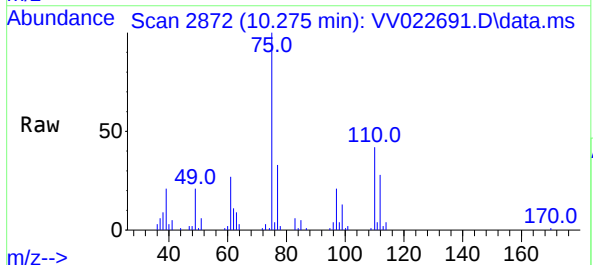
Instrument :
MSVOA_V
ClientSampled :

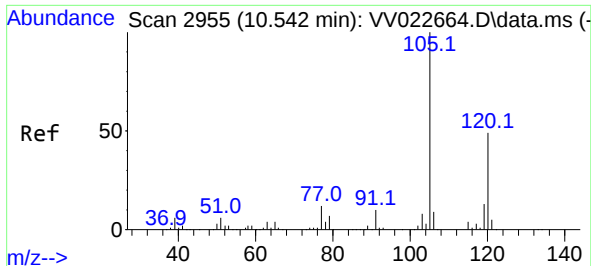
Tgt Ion:105 Resp: 186412
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.8
77 14.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.979 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion: 75 Resp: 24982
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2
110 42.3 34.2 51.4

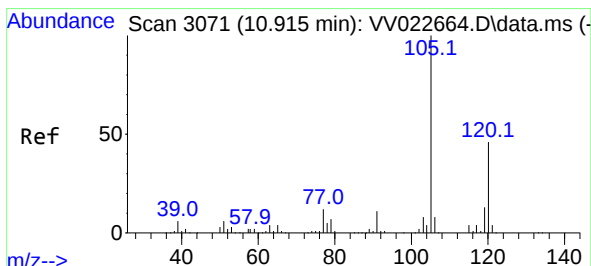
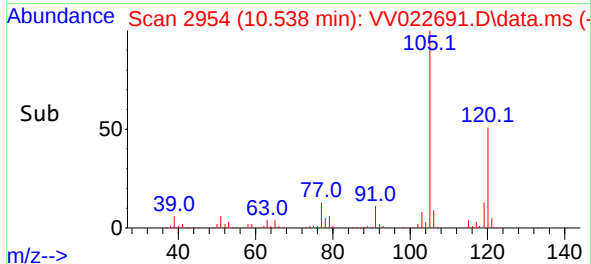
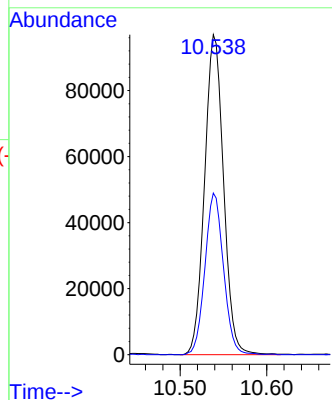
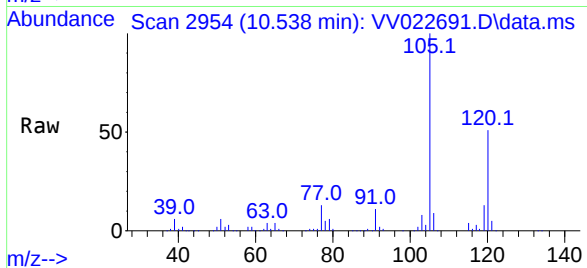




#62
1,3,5-Trimethylbenzene
Concen: 4.972 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

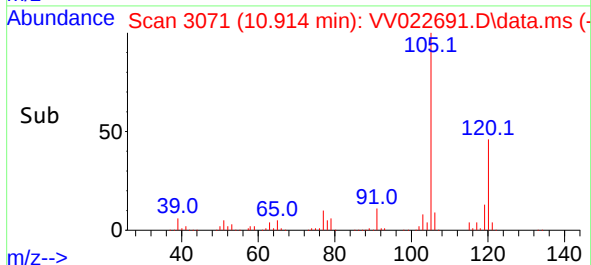
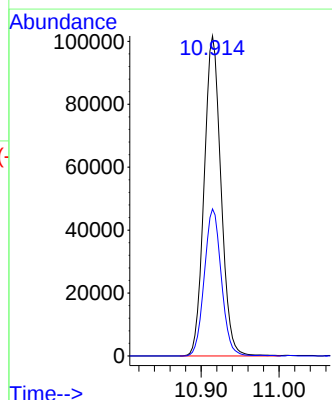
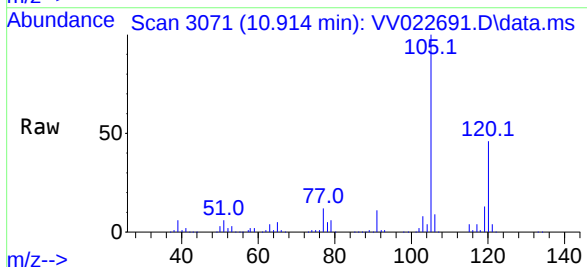
Instrument :
MSVOA_V
ClientSampled :

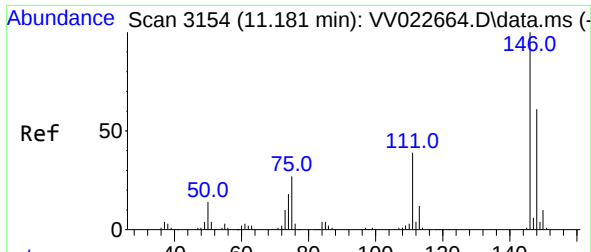
Tgt Ion:105 Resp: 147357
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.142 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:105 Resp: 152504
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9

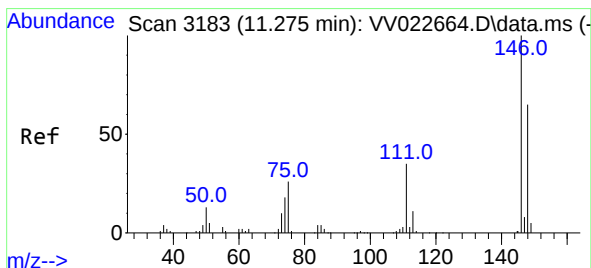
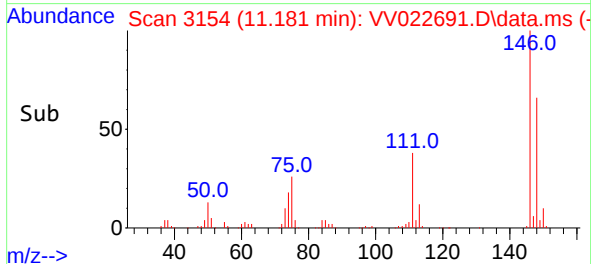
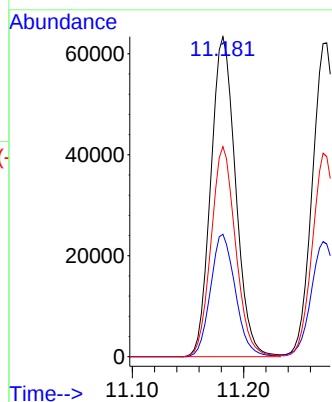
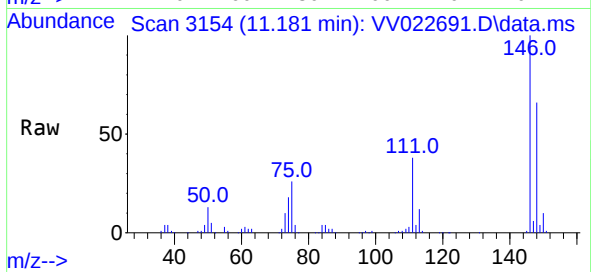




#64
1,3-Dichlorobenzene
Concen: 5.100 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

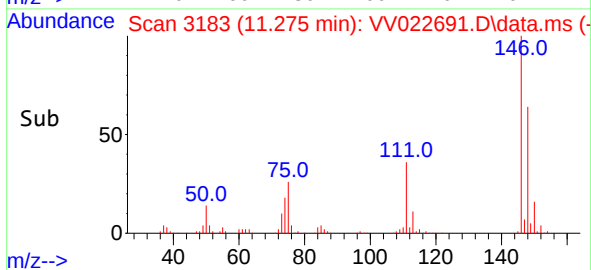
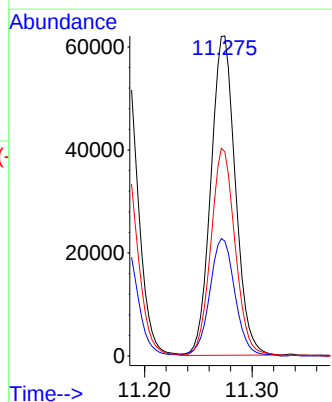
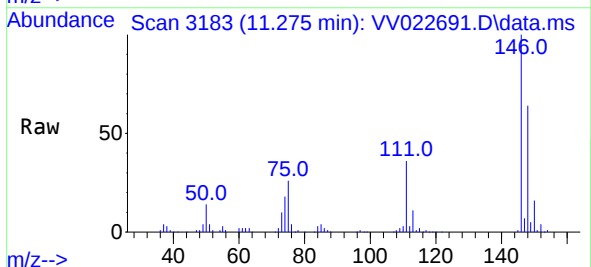
Instrument :
MSVOA_V
ClientSampled :

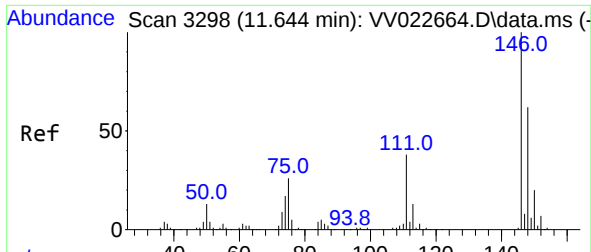
Tgt Ion:146 Resp: 98168
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.5
148 65.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:146 Resp: 98234
Ion Ratio Lower Upper
146 100
111 35.9 25.6 47.4
148 63.8 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 5.034 ug/L

RT: 11.644 min Scan# 3298

Delta R.T. -0.000 min

Lab File: VV022691.D

Acq: 08 Oct 2021 09:45

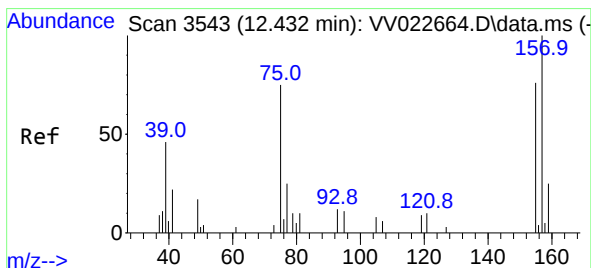
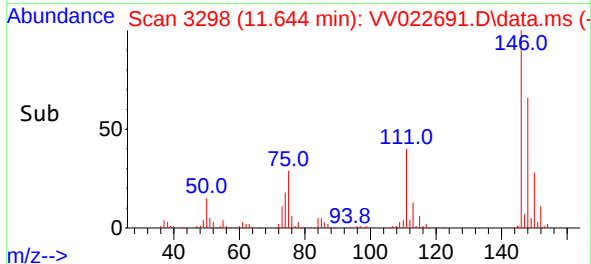
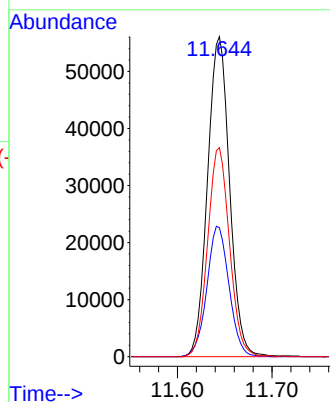
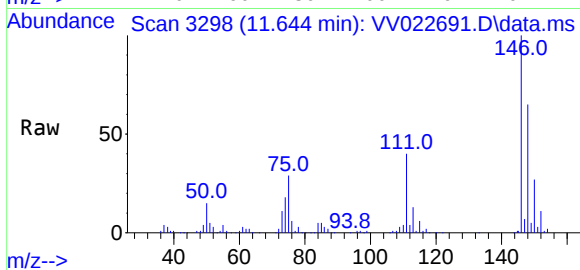
Tgt Ion:146 Resp: 90897

Ion Ratio Lower Upper

146 100

111 40.3 32.3 48.5

148 65.3 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.898 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV022691.D

Acq: 08 Oct 2021 09:45

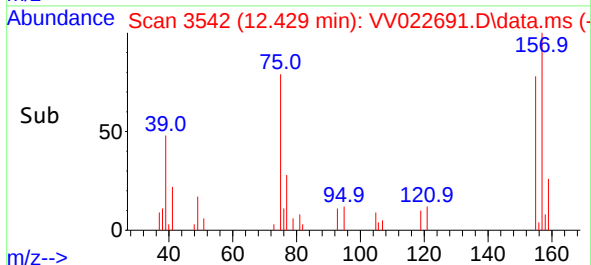
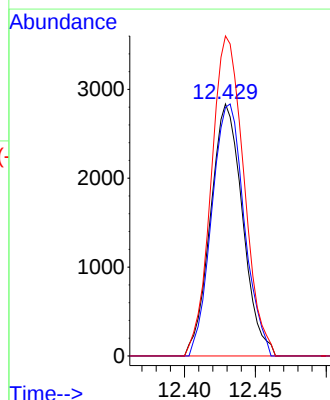
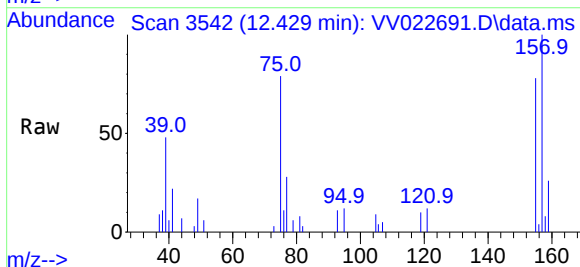
Tgt Ion: 75 Resp: 4473

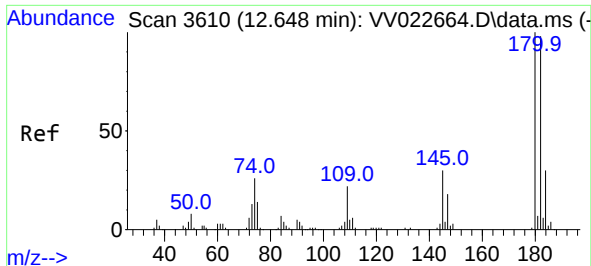
Ion Ratio Lower Upper

75 100

155 98.7 82.4 123.6

157 127.0 114.1 171.1



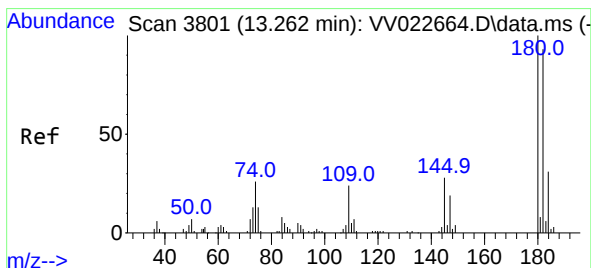
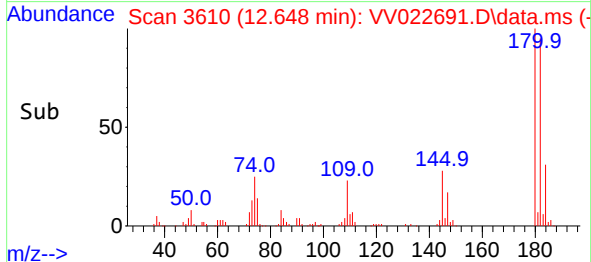
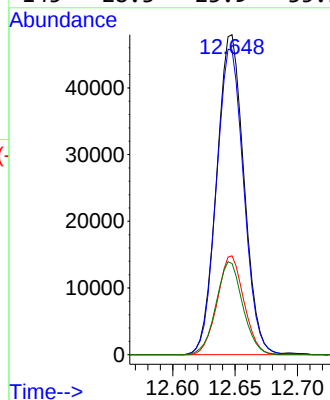
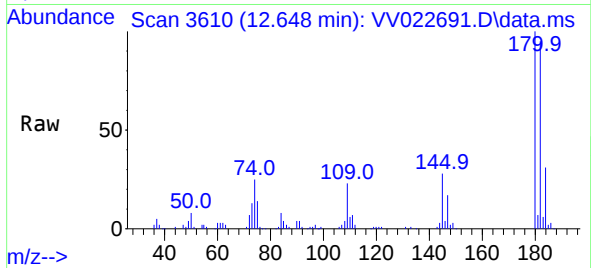


#69
1,3,5-Trichlorobenzene
Concen: 5.060 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 73381

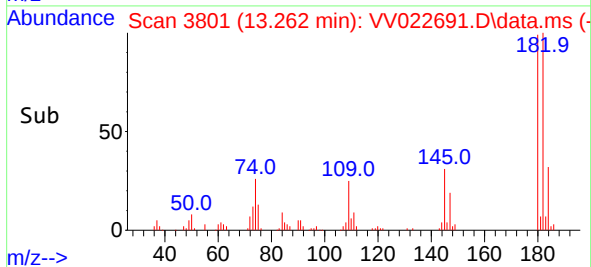
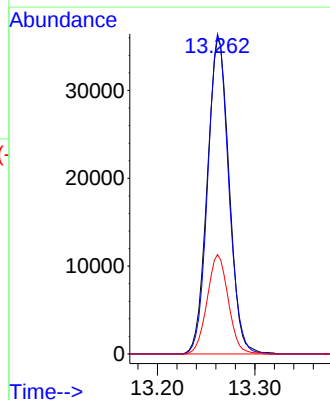
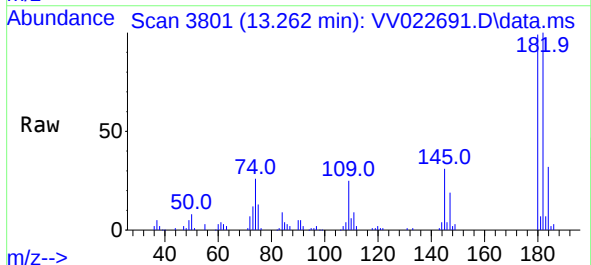
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.6
184	30.0	24.5	36.7
145	28.3	23.9	35.9

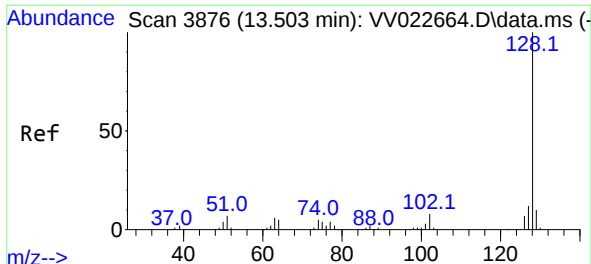


#70
1,2,4-trichlorobenzene
Concen: 5.045 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:180 Resp: 55893

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	30.5	24.1	36.1

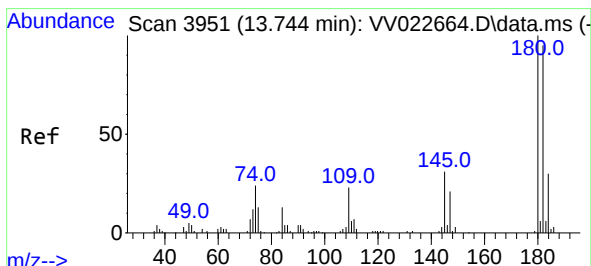
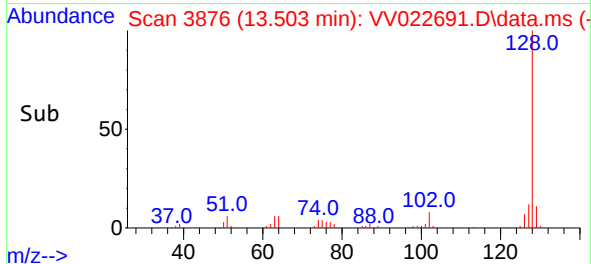
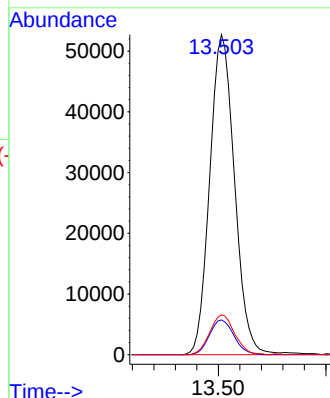
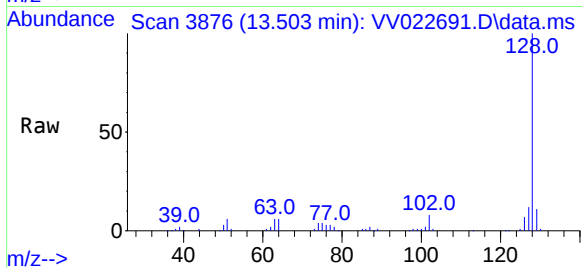




#71
Naphthalene
Concen: 4.781 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 84175
Ion Ratio Lower Upper
128 100
129 10.7 9.3 13.9
127 12.5 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.043 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022691.D
Acq: 08 Oct 2021 09:45

Tgt Ion:180 Resp: 52674
Ion Ratio Lower Upper
180 100
182 97.8 75.5 113.3
145 32.6 24.7 37.1

