

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083121\
 Data File : VV022054.D
 Acq On : 31 Aug 2021 20:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050324

Quant Time: Sep 01 02:48:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	381042	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	368828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	201512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88726	33.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.240%
7) Chloroethane-d5	1.561	69	83868	40.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.108	63	182656	41.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.700%
21) 2-Butanone-d5	3.876	46	196787	108.740	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.740%
24) Chloroform-d	4.352	84	224641	46.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
26) 1,2-Dichloroethane-d4	5.034	65	135920	47.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.920%
32) Benzene-d6	5.053	84	445279	44.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.020%
36) 1,2-Dichloropropane-d6	6.072	67	143973	45.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.520%
41) Toluene-d8	7.317	98	410987	43.521	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
43) trans-1,3-Dichloroprop...	7.625	79	64715	43.218	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.440%
47) 2-Hexanone-d5	8.088	63	131561	108.985	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.990%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	209822	52.075	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.140%
66) 1,2-Dichlorobenzene-d4	11.628	152	178875	45.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	118834	45.370	ug/L	100
3) Chloromethane	1.240	50	130781	47.154	ug/L	99
5) Vinyl chloride	1.310	62	134451	48.097	ug/L	98
6) Bromomethane	1.513	94	86495	51.464	ug/L	100
8) Chloroethane	1.580	64	87029	49.767	ug/L	98
9) Trichlorofluoromethane	1.751	101	197998	49.738	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	110717	47.419	ug/L	97
12) 1,1-Dichloroethene	2.117	96	107770	49.033	ug/L #	83
13) Acetone	2.426	43	129445	85.369	ug/L	100
14) Carbon disulfide	2.291	76	300902	45.371	ug/L	99
15) Methyl Acetate	2.426	43	151756	51.392	ug/L	98
16) Methylene chloride	2.506	84	144584	49.099	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	128764	48.453	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	424171	50.228	ug/L	100
19) 1,1-Dichloroethane	3.191	63	237867	50.255	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	144052	48.702	ug/L	96
22) 2-Butanone	3.960	43	204573	95.981	ug/L	100
23) Bromochloromethane	4.249	128	78161	49.620	ug/L	97
25) Chloroform	4.378	83	248364	49.570	ug/L	100

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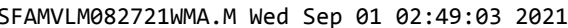
Instrument :
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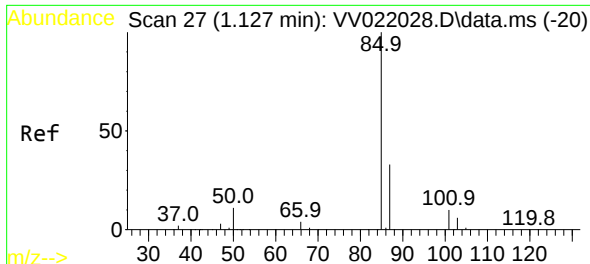
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	172300	51.301	ug/L	100
29) Cyclohexane	4.680	56	192338	46.650	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	212891	48.566	ug/L	98
31) Carbon tetrachloride	4.828	117	177041	47.009	ug/L	100
33) Benzene	5.101	78	532488	49.622	ug/L	100
34) Trichloroethene	5.915	95	142013	46.721	ug/L	99
35) Methylcyclohexane	6.133	83	201128	45.263	ug/L	100
37) 1,2-Dichloropropane	6.175	63	139050	49.989	ug/L	100
38) Bromodichloromethane	6.513	83	171921	48.330	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	194000	45.173	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	395728	104.939	ug/L	99
42) Toluene	7.391	91	573551	49.523	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	191994	48.035	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	141936	50.149	ug/L	98
46) Tetrachloroethene	7.979	164	114124	48.287	ug/L	98
48) 2-Hexanone	8.140	43	295872	101.121	ug/L	99
49) Dibromochloromethane	8.249	129	143978	47.525	ug/L	98
50) 1,2-Dibromoethane	8.355	107	151565	49.898	ug/L	100
51) Chlorobenzene	8.882	112	378050	48.550	ug/L	98
52) Ethylbenzene	9.014	91	612554	48.859	ug/L	99
53) m,p-Xylene	9.140	106	233947	48.009	ug/L	99
54) o-Xylene	9.545	106	235796	48.904	ug/L	97
55) Styrene	9.561	104	411689	50.032	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	219580	53.547	ug/L	99
59) Bromoform	9.734	173	101525	47.436	ug/L	99
60) Isopropylbenzene	9.934	105	617758	48.788	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	177975	50.960	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	512306	48.193	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	530951	49.140	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	309032	48.069	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	310801	47.245	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	310020	48.566	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	43030	51.122	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	222016	46.184	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	196968	46.578	ug/L	99
71) Naphthalene	13.503	128	609921	50.139	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	198550	48.137	ug/L	99

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

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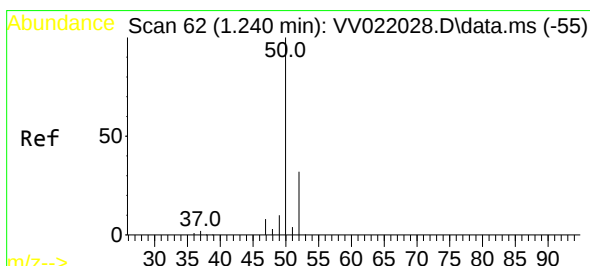
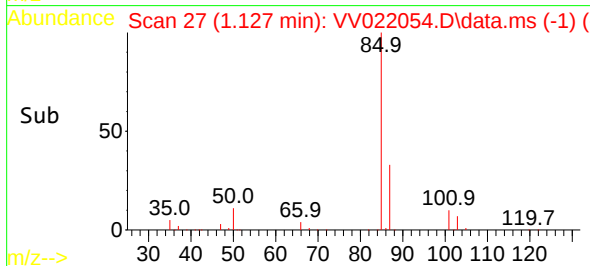
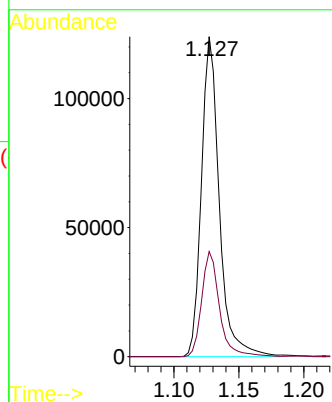
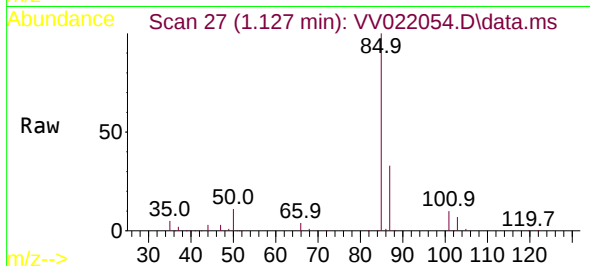




#2
Dichlorodifluoromethane
Concen: 45.370 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

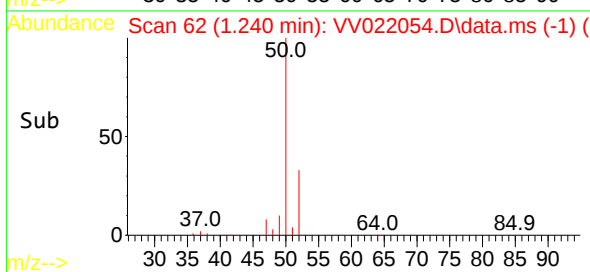
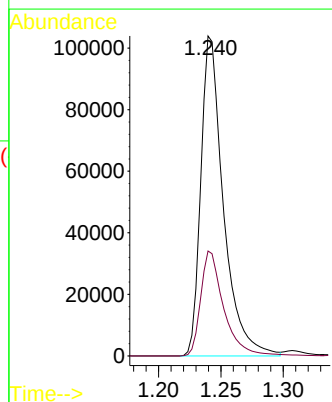
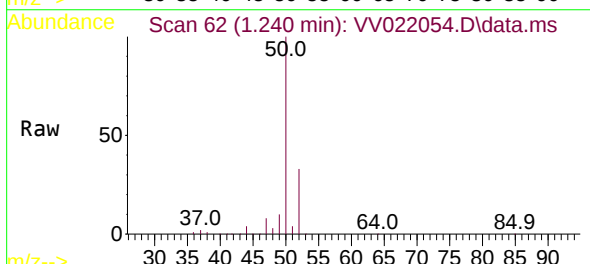
Instrument :
MSVOA_V
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VSTD050324

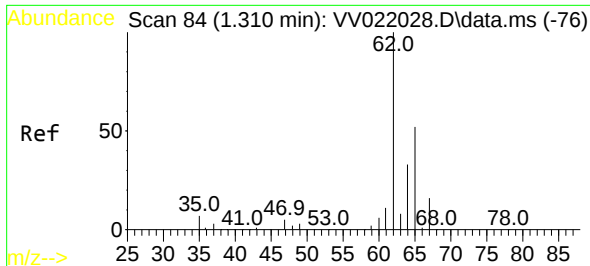
Tgt Ion: 85 Resp: 118834
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 47.154 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 50 Resp: 130781
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.9

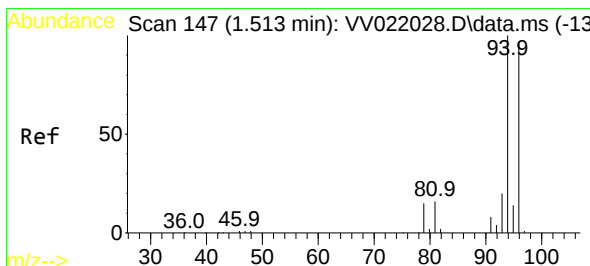
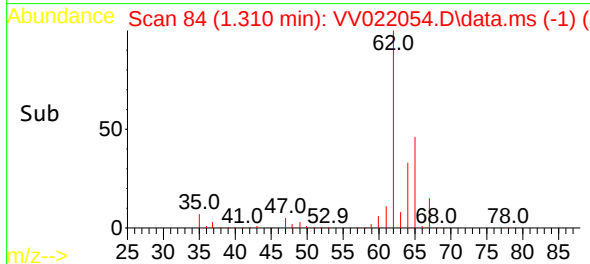
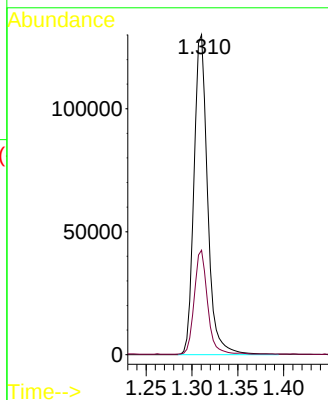
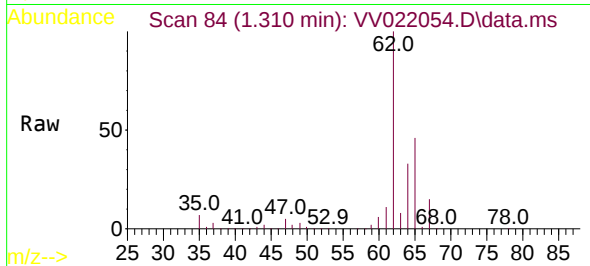




#5
 Vinyl chloride
 Concen: 48.097 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022054.D
 Acq: 31 Aug 2021 20:34

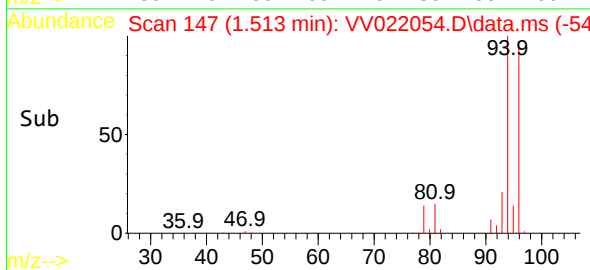
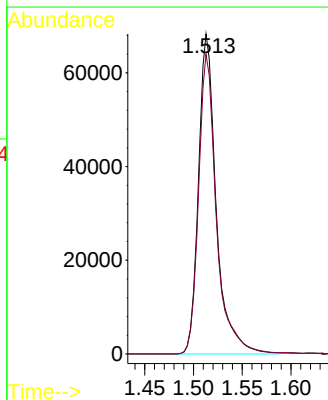
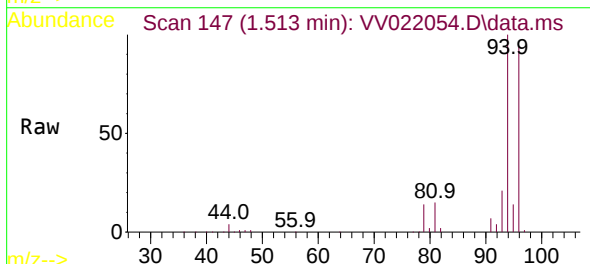
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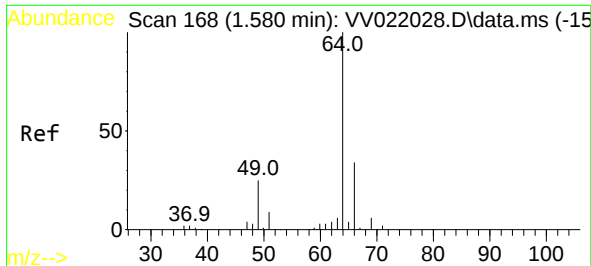
Tgt Ion: 62 Resp: 134451
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#6
 Bromomethane
 Concen: 51.464 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV022054.D
 Acq: 31 Aug 2021 20:34

Tgt Ion: 94 Resp: 86495
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.8 122.2

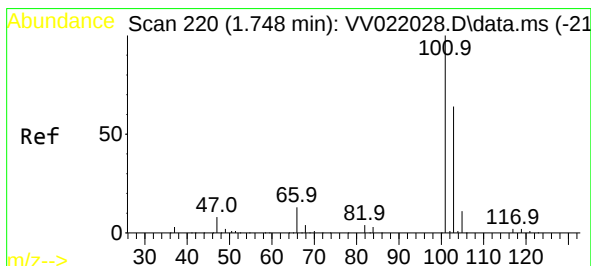
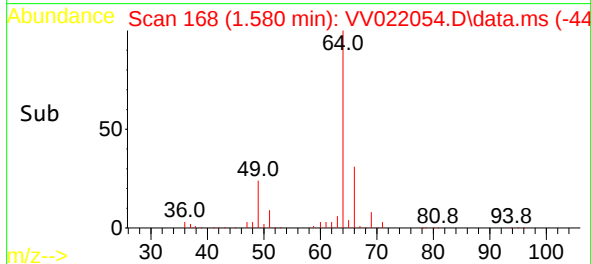
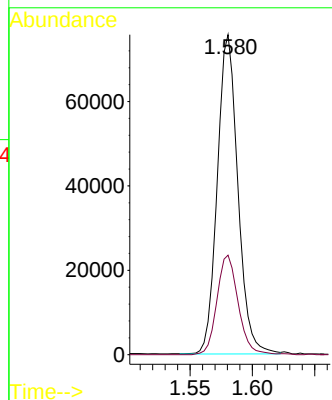
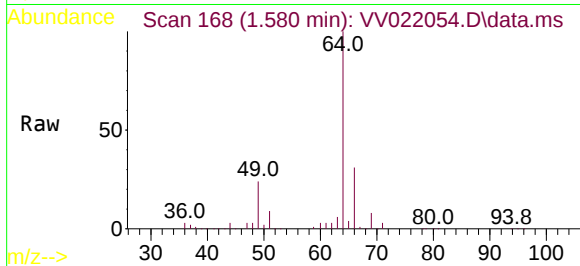




#8
Chloroethane
Concen: 49.767 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

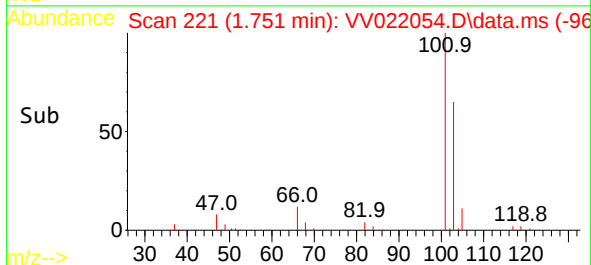
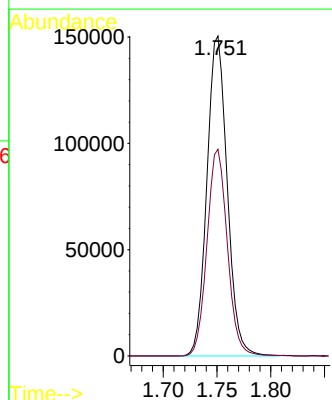
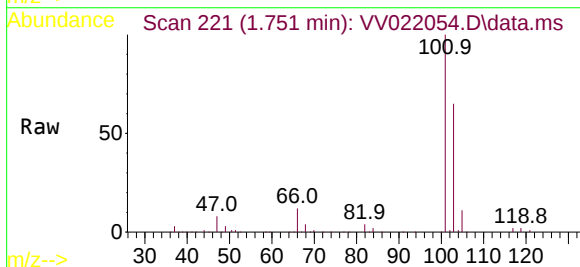
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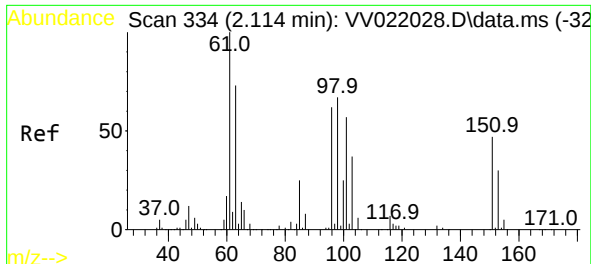
Tgt Ion: 64 Resp: 87029
Ion Ratio Lower Upper
64 100
66 31.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 49.738 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion:101 Resp: 197998
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

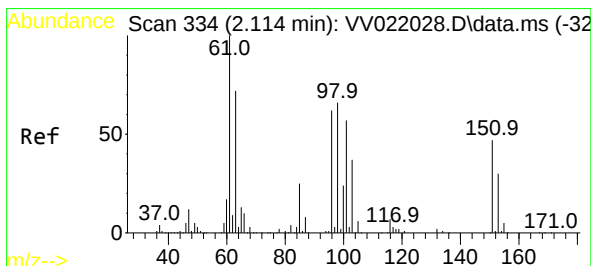
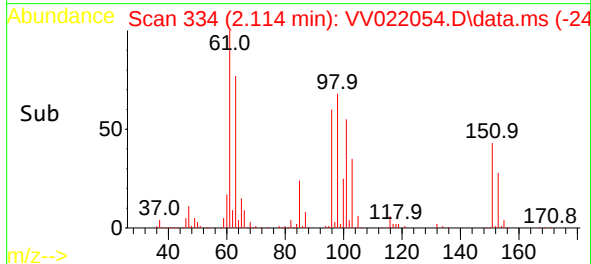
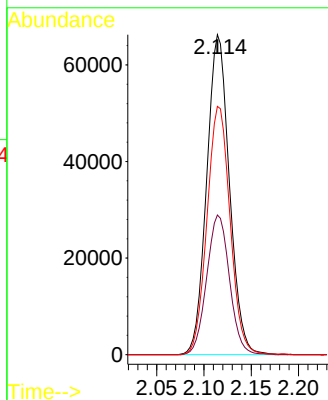
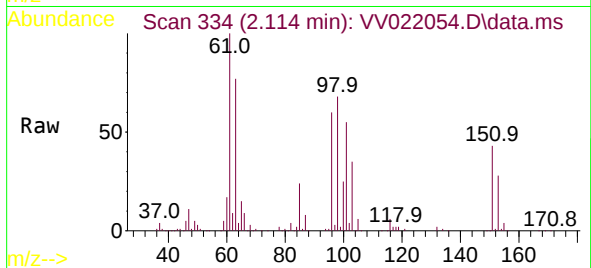




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.419 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

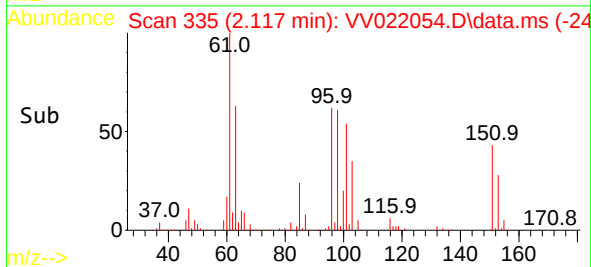
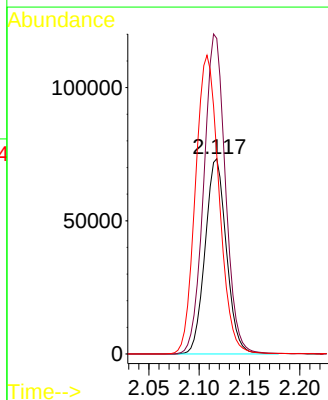
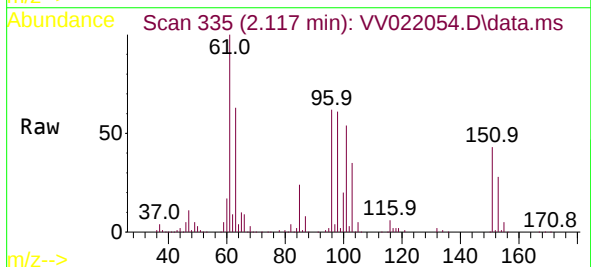
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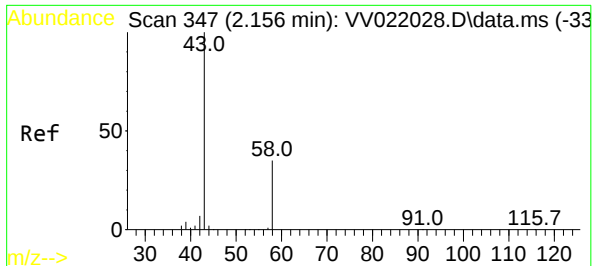
Tgt Ion:101 Resp: 110717
Ion Ratio Lower Upper
101 100
85 43.8 33.4 50.0
151 78.9 61.7 92.5



#12
1,1-Dichloroethene
Concen: 49.033 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 96 Resp: 107770
Ion Ratio Lower Upper
96 100
61 161.6 113.2 210.2
63 102.0 102.3 189.9#

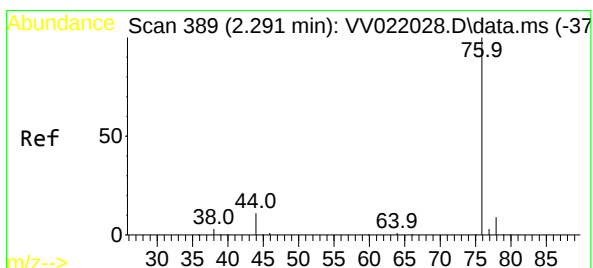
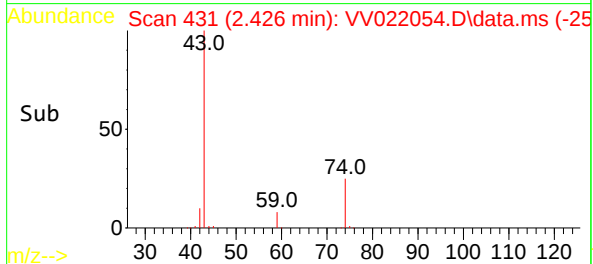
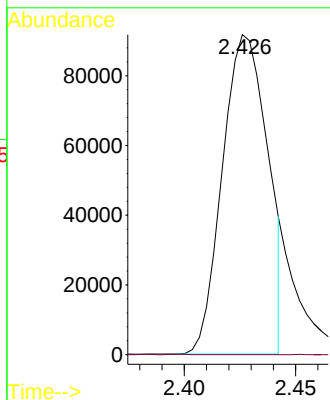
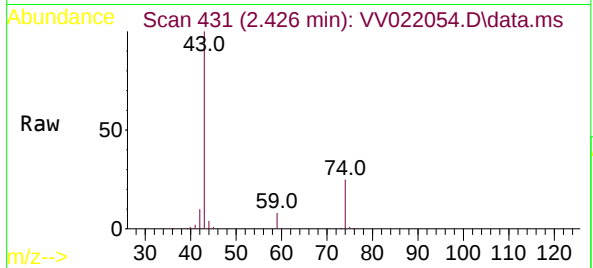




#13
Acetone
Concen: 85.369 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.270 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

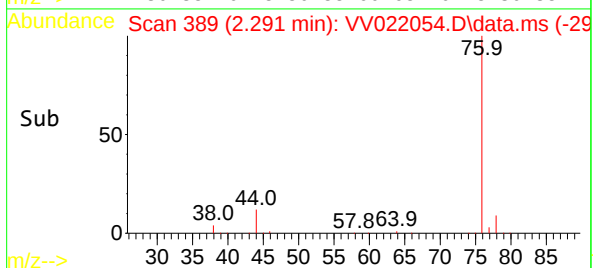
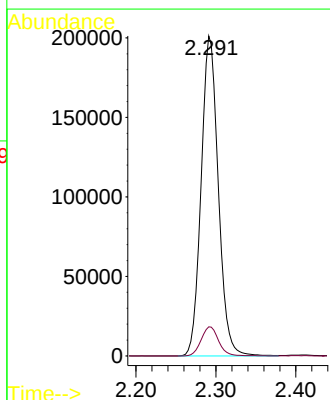
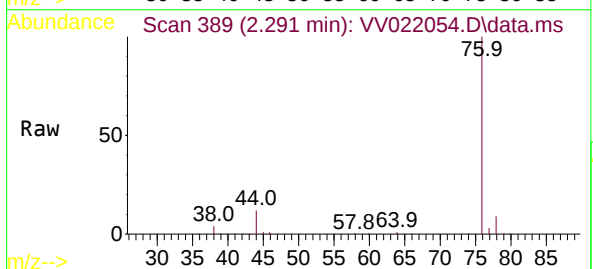
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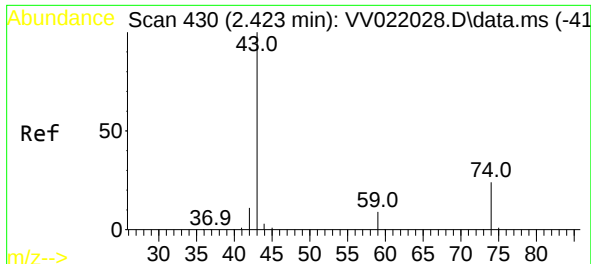
Tgt Ion: 43 Resp: 129445
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 45.371 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 76 Resp: 300902
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

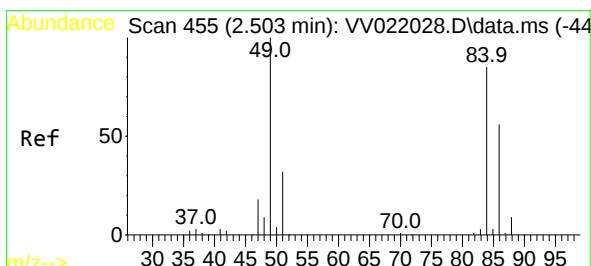
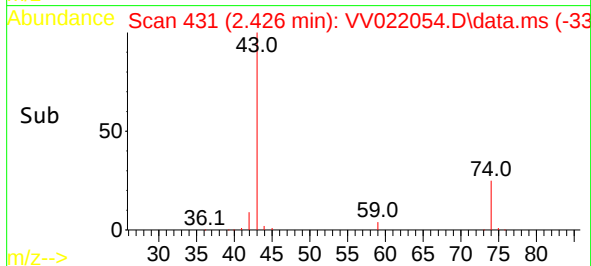
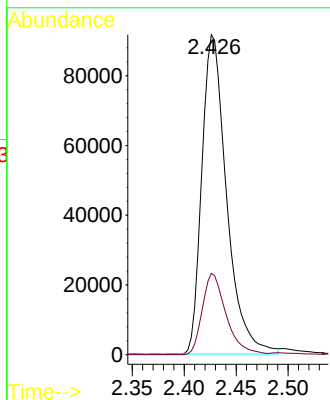
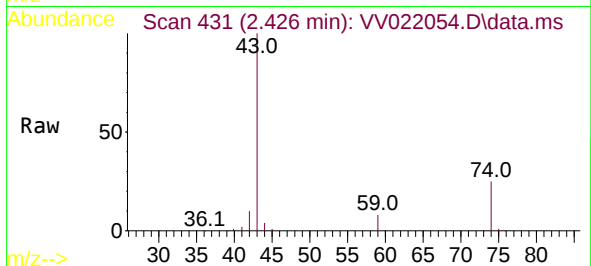




#15
Methyl Acetate
Concen: 51.392 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

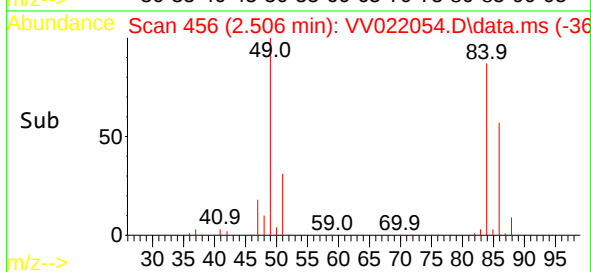
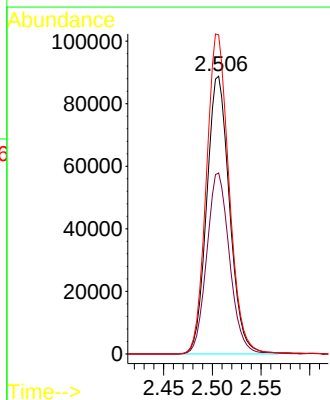
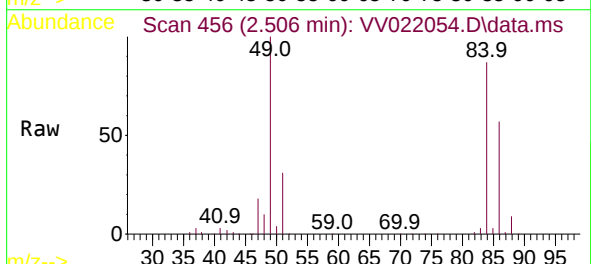
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

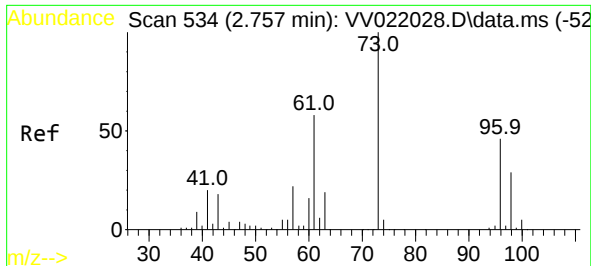
Tgt Ion: 43 Resp: 151756
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2



#16
Methylene chloride
Concen: 49.099 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 84 Resp: 144584
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 114.8 80.2 149.0

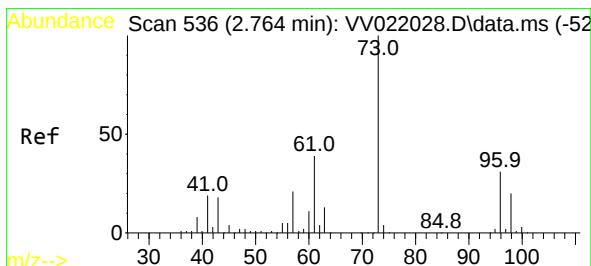
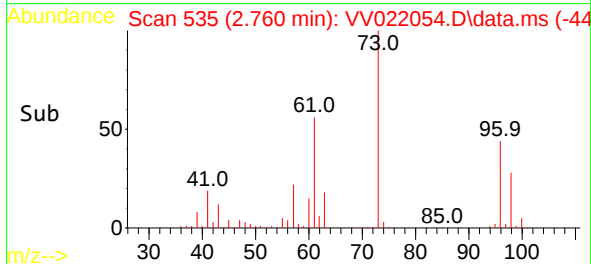
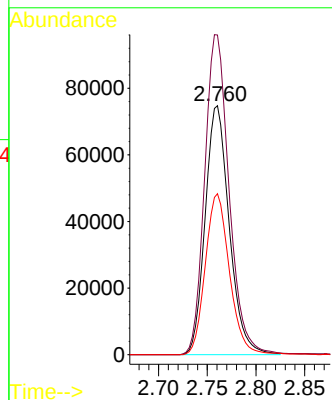
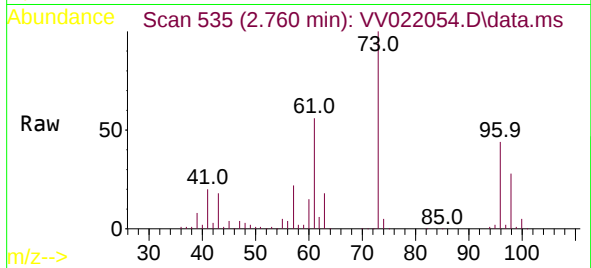




#17
trans-1,2-Dichloroethene
Concen: 48.453 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

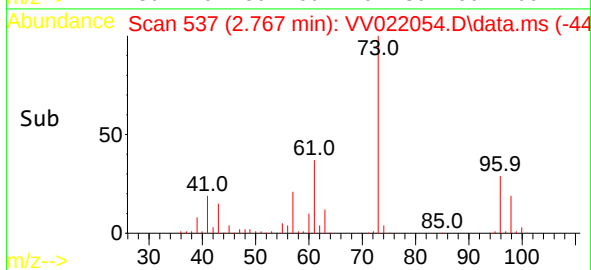
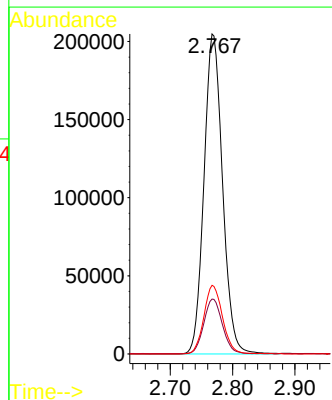
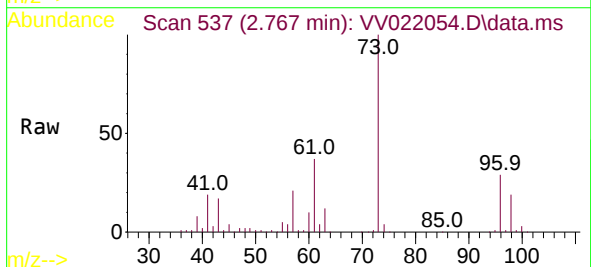
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

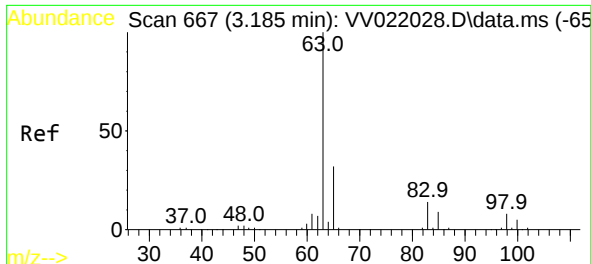
Tgt Ion: 96 Resp: 128764
Ion Ratio Lower Upper
96 100
61 128.4 89.1 165.5
98 64.7 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 50.228 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 73 Resp: 424171
Ion Ratio Lower Upper
73 100
43 17.0 13.8 20.6
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 50.255 ug/L

RT: 3.191 min Scan# 669

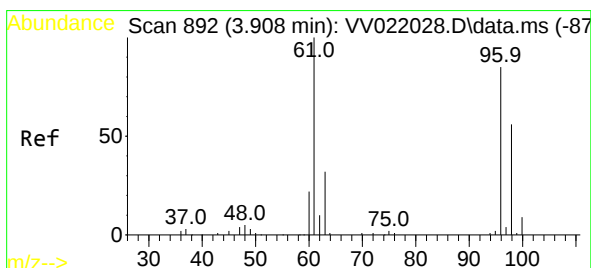
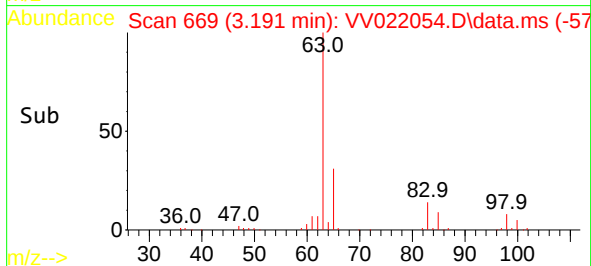
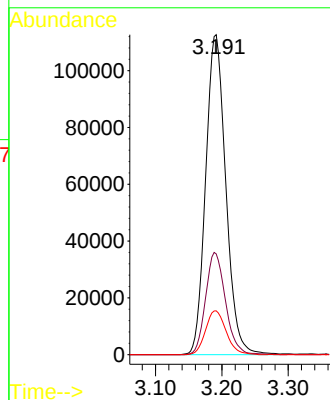
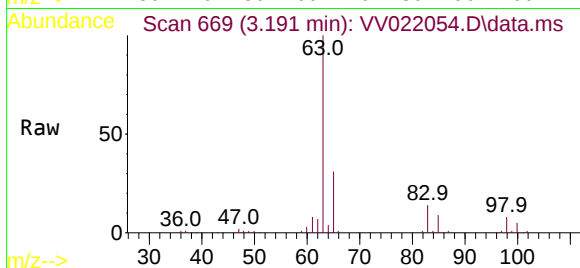
Delta R.T. 0.006 min

Lab File: VV022054.D

Acq: 31 Aug 2021 20:34

Tgt Ion: 63 Resp: 237867

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.2	41.2
83	13.7	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 48.702 ug/L

RT: 3.912 min Scan# 893

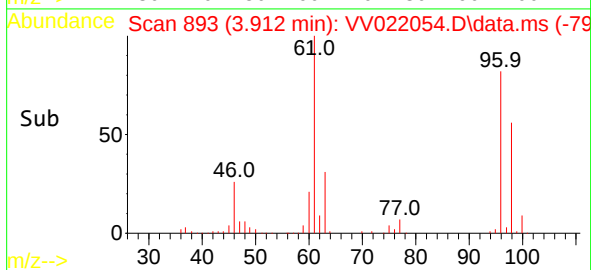
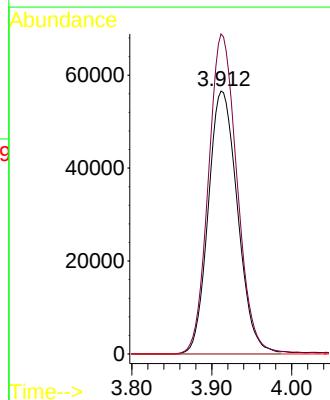
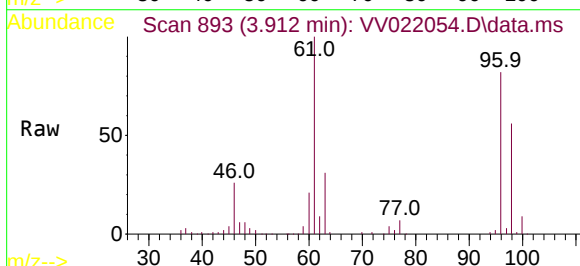
Delta R.T. 0.003 min

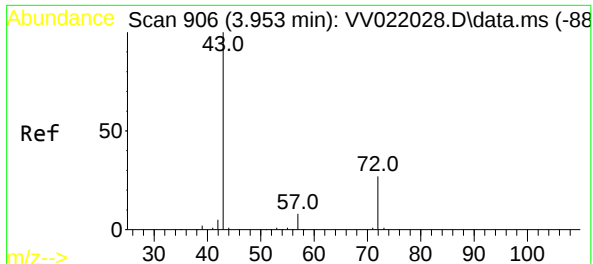
Lab File: VV022054.D

Acq: 31 Aug 2021 20:34

Tgt Ion: 96 Resp: 144052

Ion	Ratio	Lower	Upper
96	100		
61	121.7	81.8	152.0
68	0.0	0.0	0.0

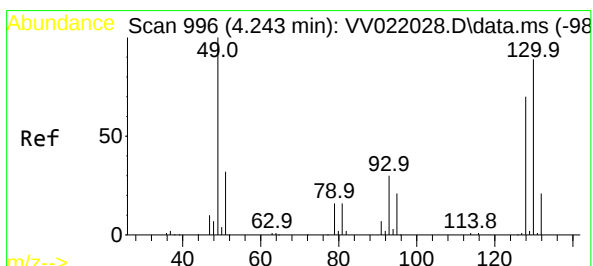
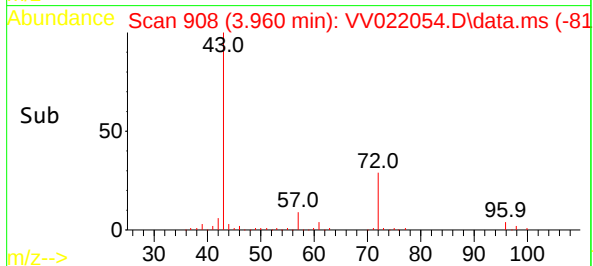
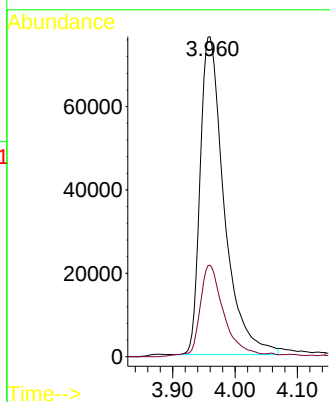
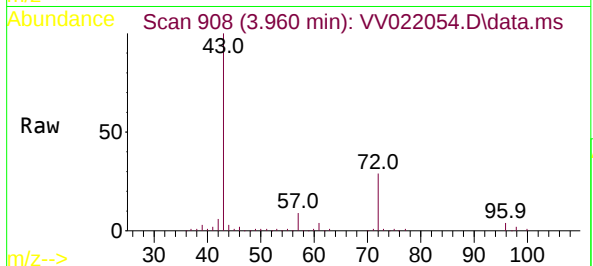




#22
2-Butanone
Concen: 95.981 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.006 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

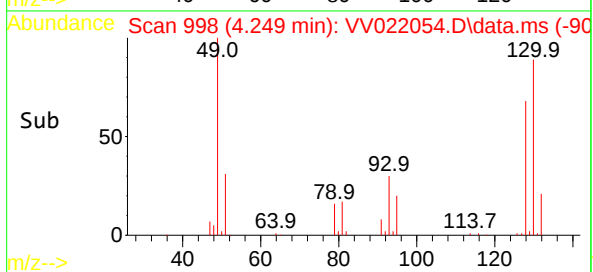
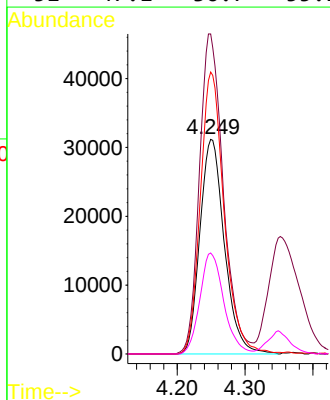
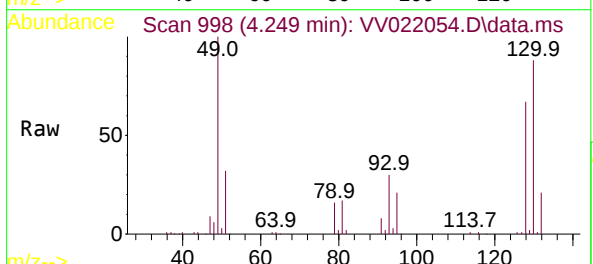
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

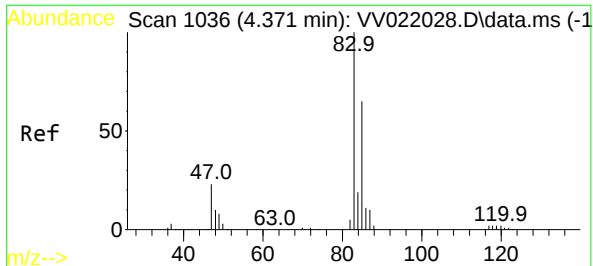
Tgt Ion: 43 Resp: 204573
Ion Ratio Lower Upper
43 100
72 26.4 13.3 39.8



#23
Bromochloromethane
Concen: 49.620 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 128 Resp: 78161
Ion Ratio Lower Upper
128 100
49 149.1 101.6 188.8
130 131.4 88.5 164.3
51 47.1 36.7 55.1





#25

Chloroform

Concen: 49.570 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022054.D

Acq: 31 Aug 2021 20:34

Tgt Ion: 83 Resp: 248364

Ion Ratio Lower Upper

83 100

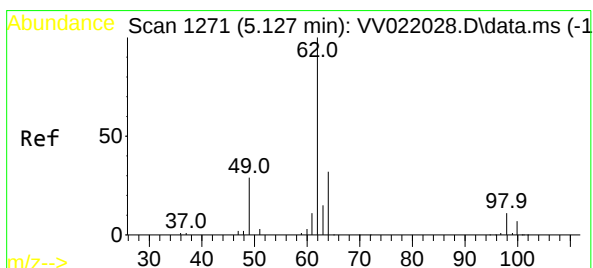
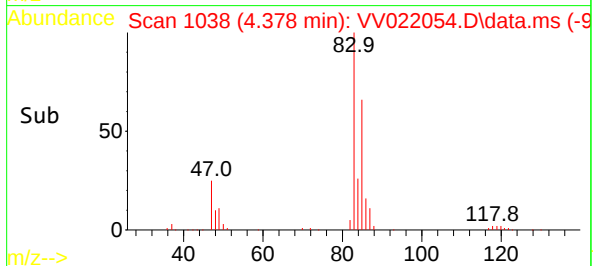
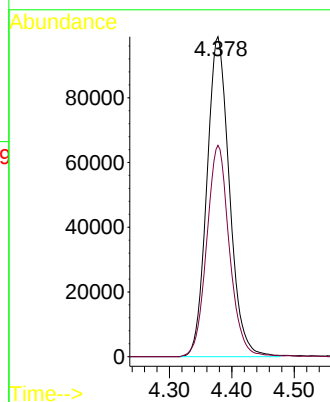
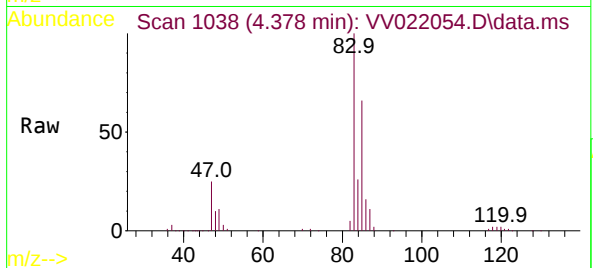
85 66.1 46.3 85.9

Instrument :

MSVOA_V

ClientSampleId :

VSTD050324



#27

1,2-Dichloroethane

Concen: 51.301 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV022054.D

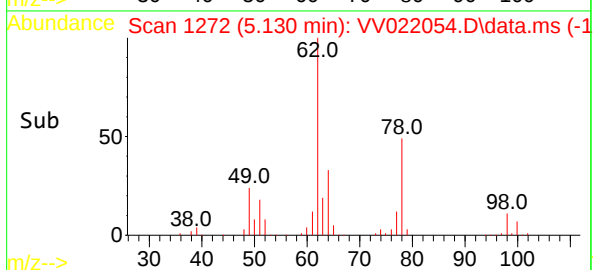
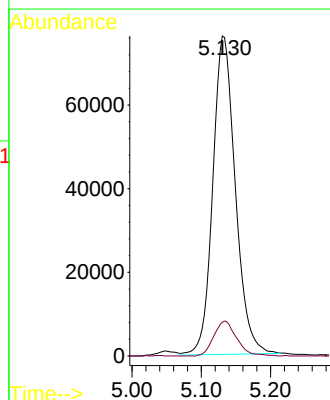
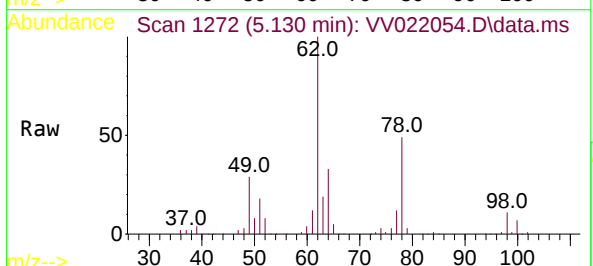
Acq: 31 Aug 2021 20:34

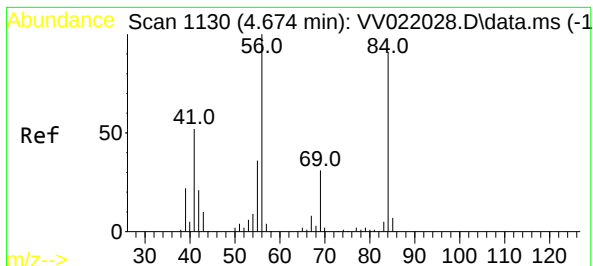
Tgt Ion: 62 Resp: 172300

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 46.650 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV022054.D

Acq: 31 Aug 2021 20:34

Tgt Ion: 56 Resp: 192338

Ion Ratio Lower Upper

56 100

69 31.6 25.2 37.8

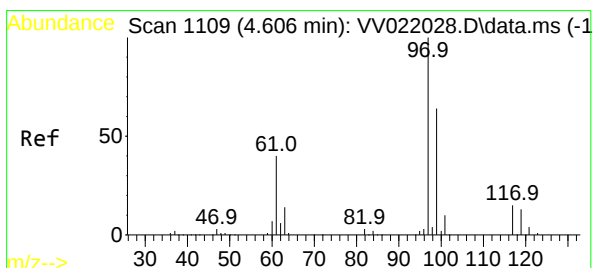
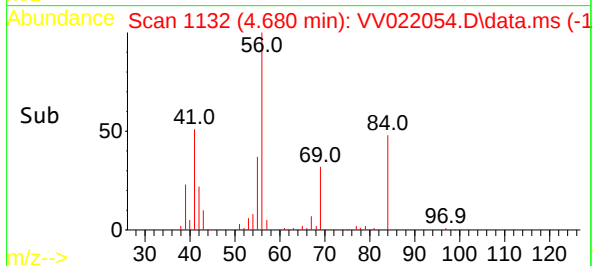
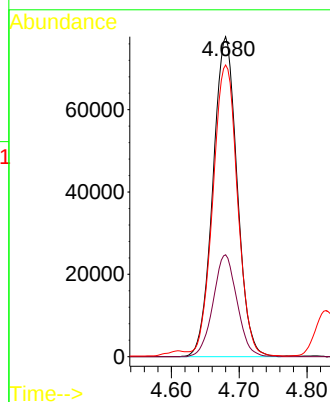
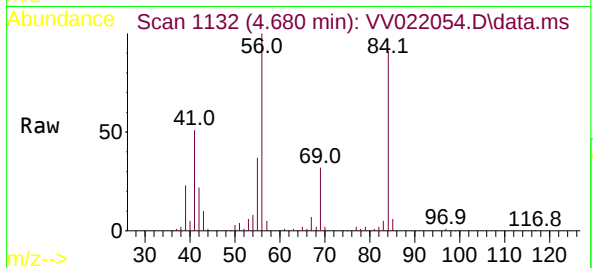
84 93.3 74.6 111.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD050324



#30

1,1,1-Trichloroethane

Concen: 48.566 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV022054.D

Acq: 31 Aug 2021 20:34

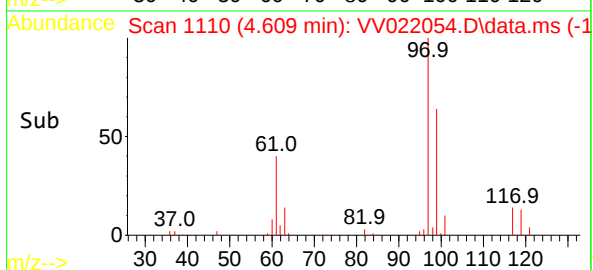
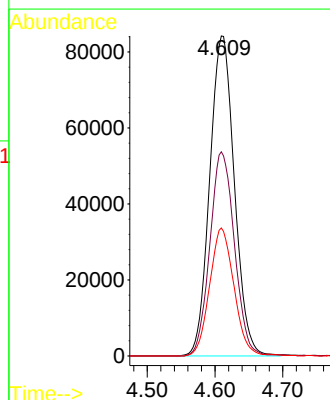
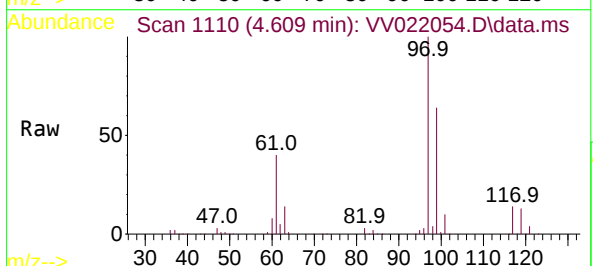
Tgt Ion: 97 Resp: 212891

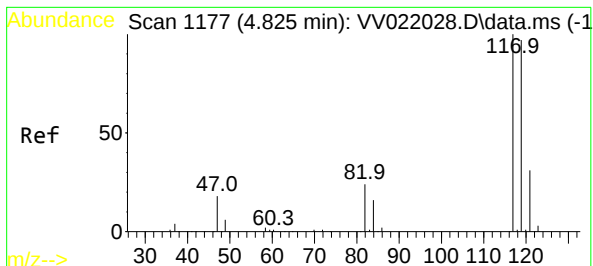
Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

61 39.2 31.8 47.8

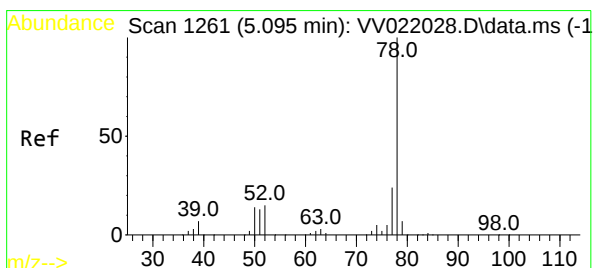
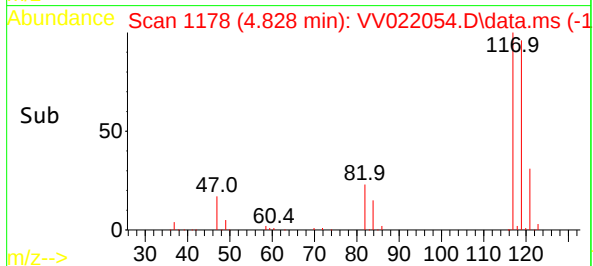
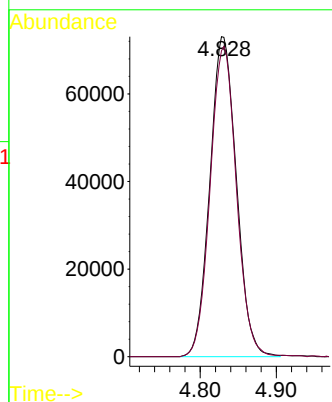
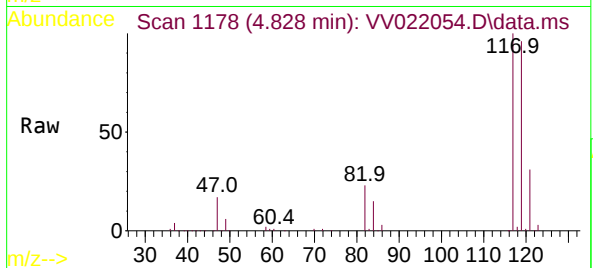




#31
Carbon tetrachloride
Concen: 47.009 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

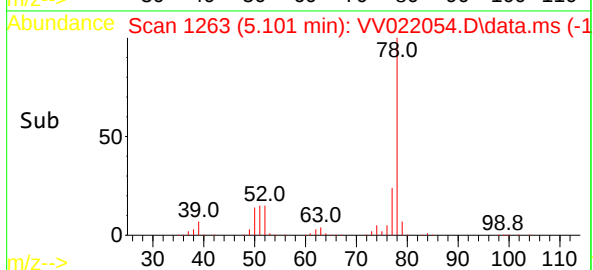
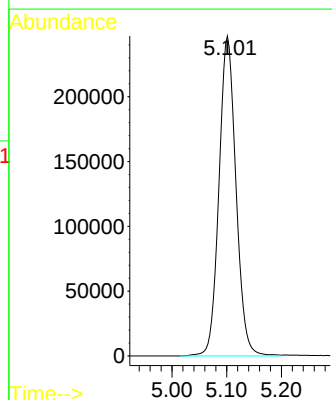
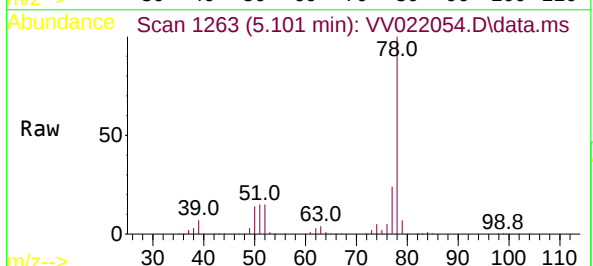
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

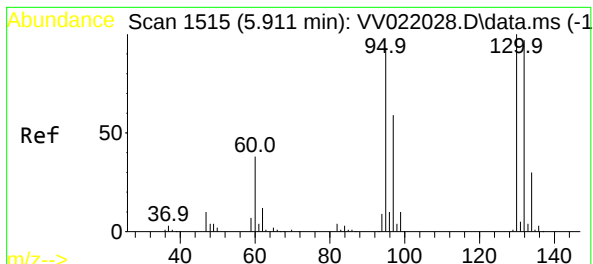
Tgt Ion:117 Resp: 177041
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 49.622 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 78 Resp: 532488

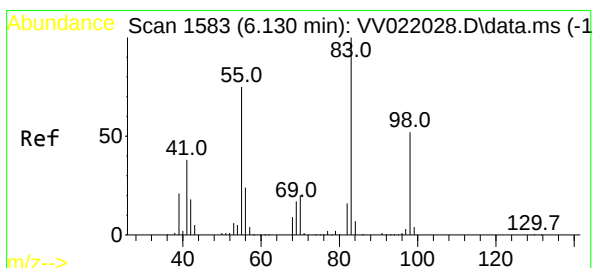
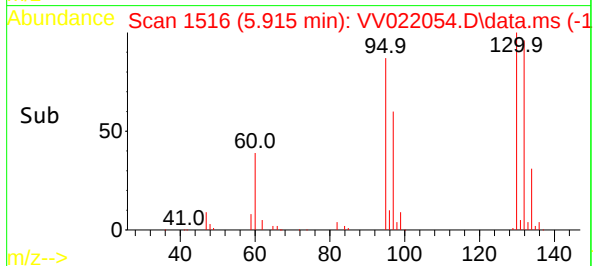
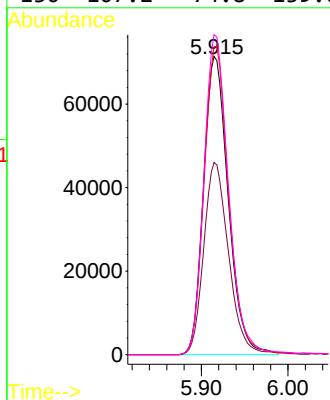
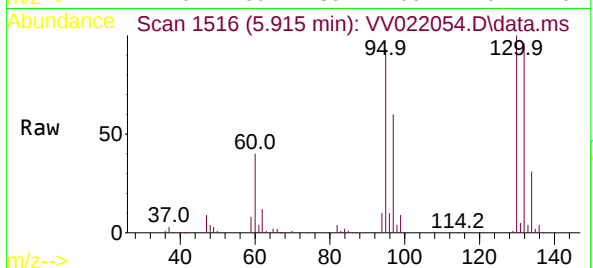




#34
Trichloroethene
Concen: 46.721 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

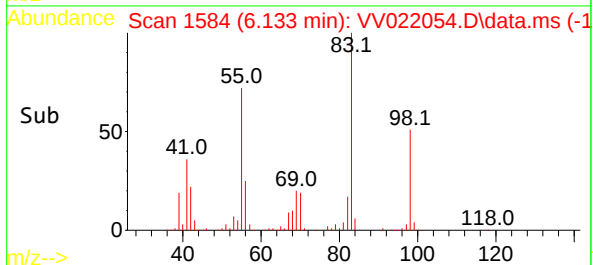
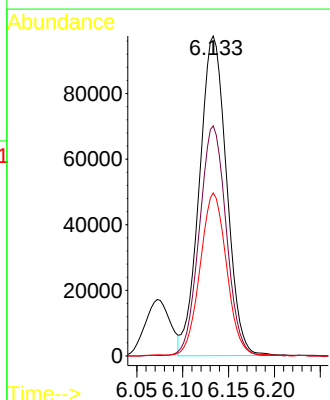
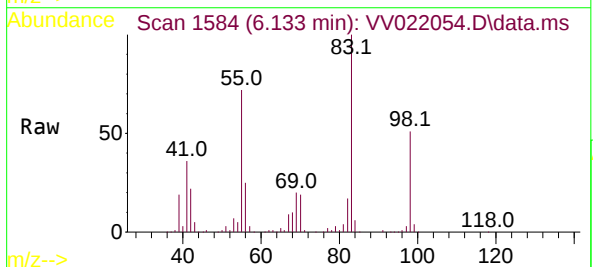
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

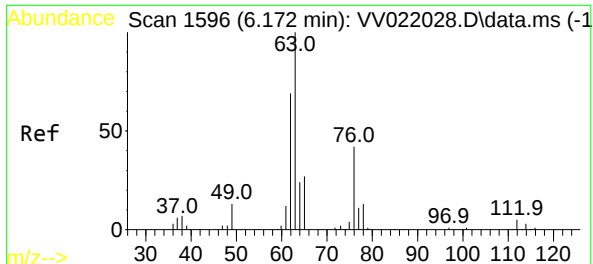
Tgt Ion: 95 Resp: 142013
Ion Ratio Lower Upper
95 100
97 64.4 44.1 81.9
132 103.2 70.7 131.3
130 107.2 74.8 139.0



#35
Methylcyclohexane
Concen: 45.263 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 83 Resp: 201128
Ion Ratio Lower Upper
83 100
55 70.9 56.8 85.2
98 49.9 39.9 59.9

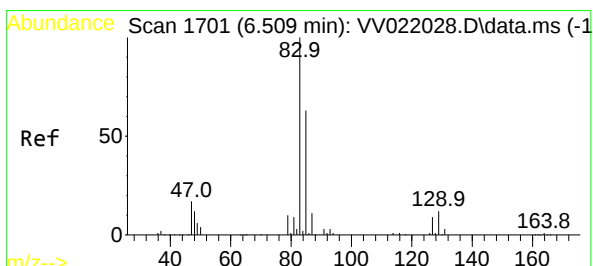
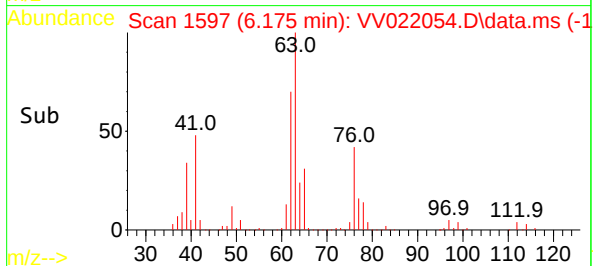
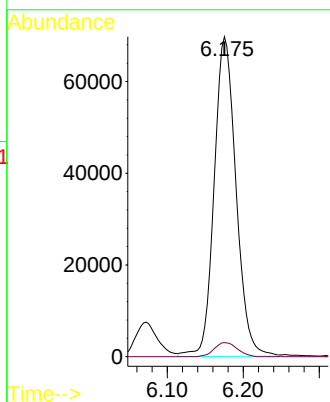
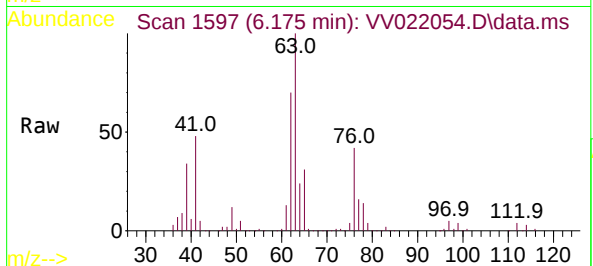




#37
1,2-Dichloropropane
Concen: 49.989 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

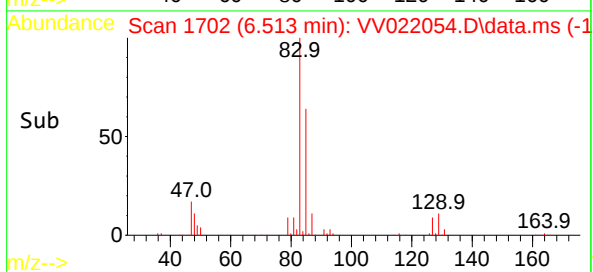
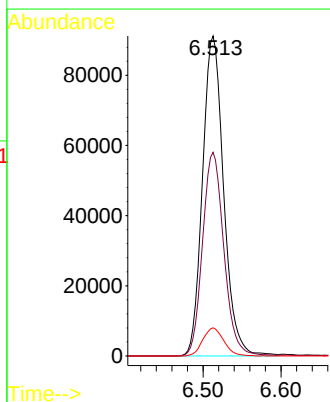
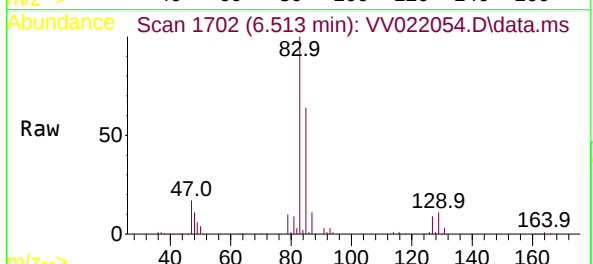
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

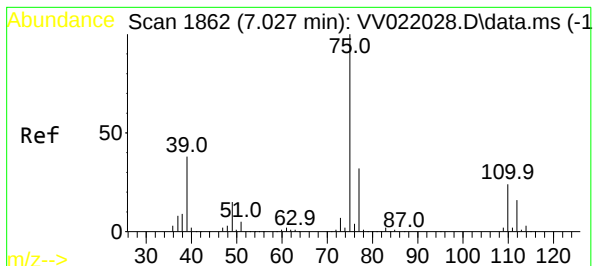
Tgt Ion: 63 Resp: 139050
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 48.330 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 83 Resp: 171921
Ion Ratio Lower Upper
83 100
85 63.7 44.8 83.2
127 8.8 7.3 10.9

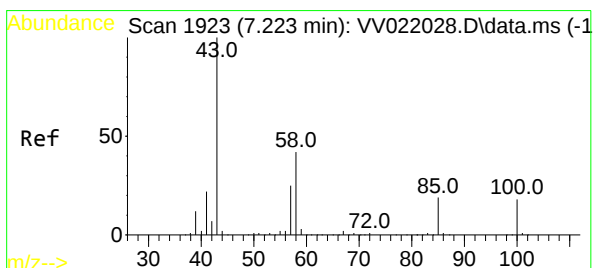
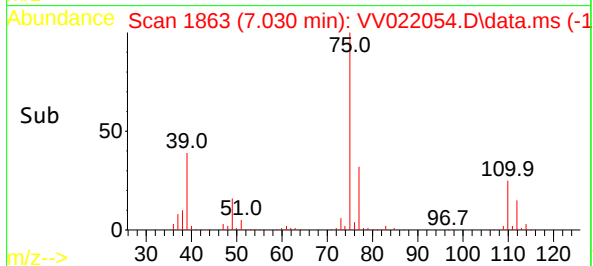
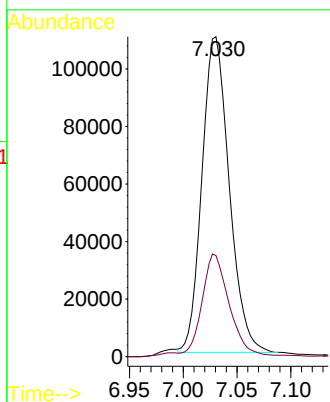
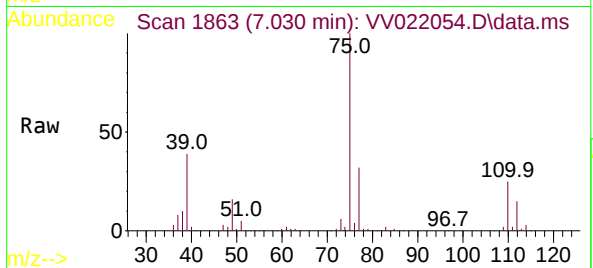




#39
cis-1,3-Dichloropropene
Concen: 45.173 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

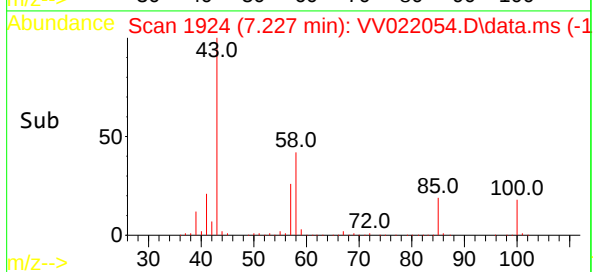
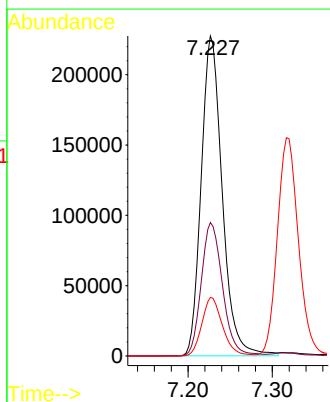
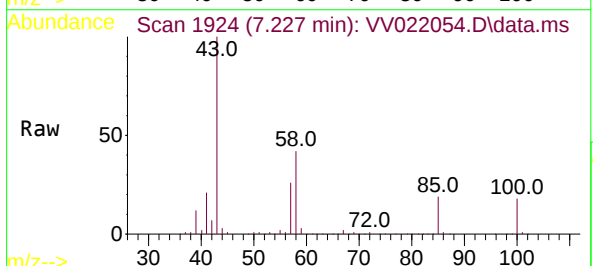
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

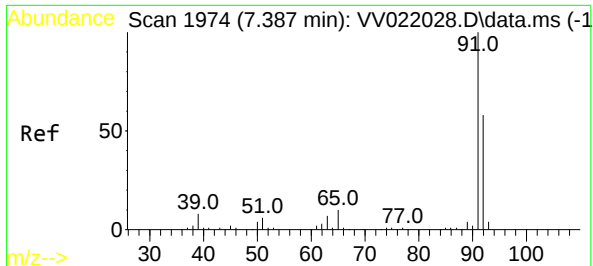
Tgt Ion: 75 Resp: 194000
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 104.939 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 43 Resp: 395728
Ion Ratio Lower Upper
43 100
58 42.2 33.3 49.9
100 18.0 14.5 21.7

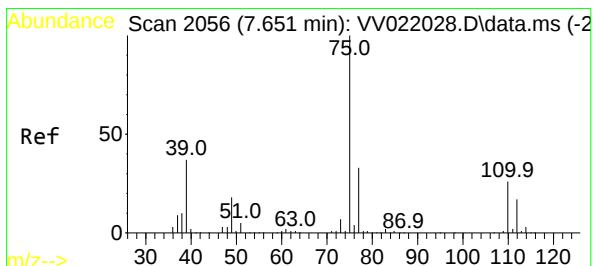
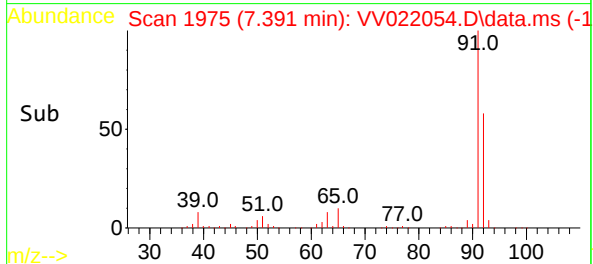
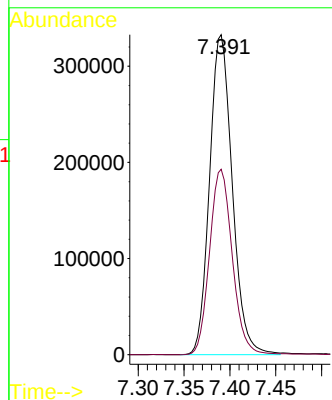
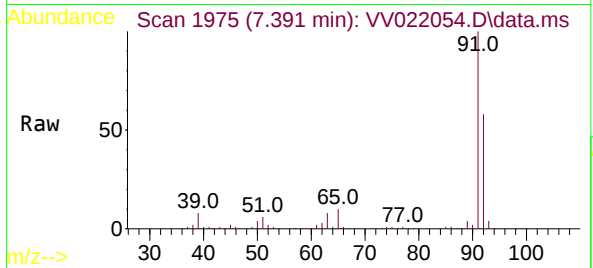




#42
Toluene
Concen: 49.523 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

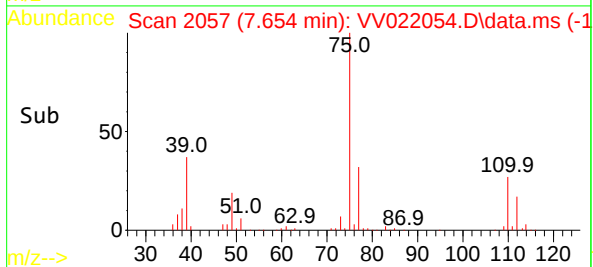
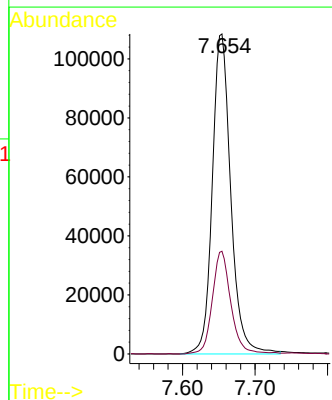
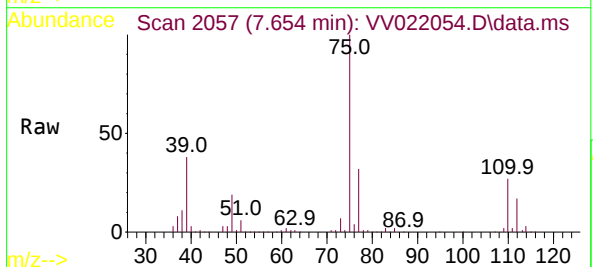
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

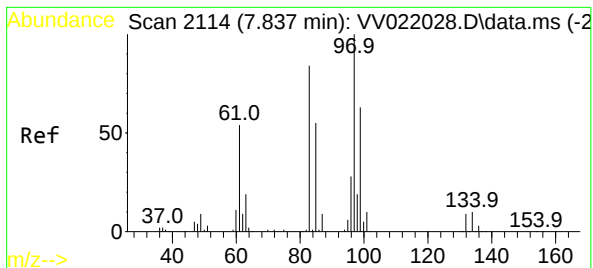
Tgt Ion: 91 Resp: 573551
Ion Ratio Lower Upper
91 100
92 58.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 48.035 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 75 Resp: 191994
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6



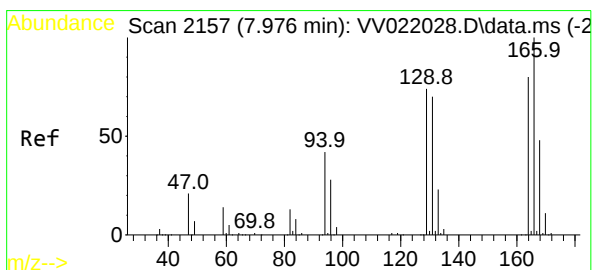
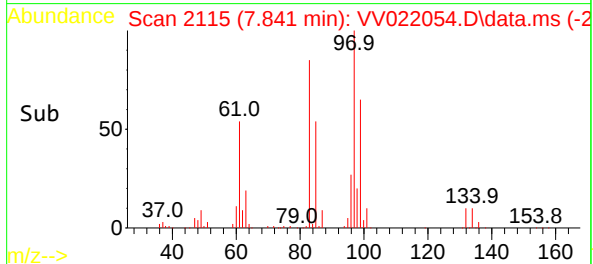
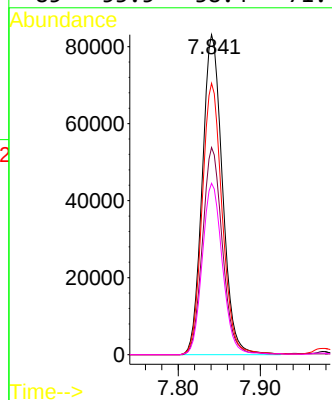
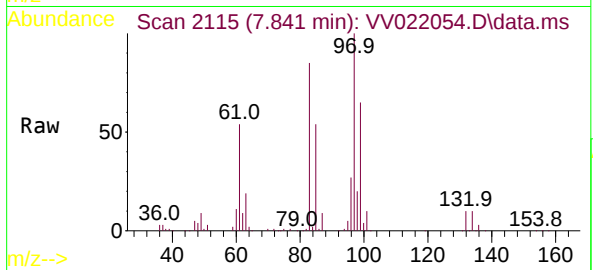


#45
1,1,2-Trichloroethane
Concen: 50.149 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

Tgt Ion: 97 Resp: 141936

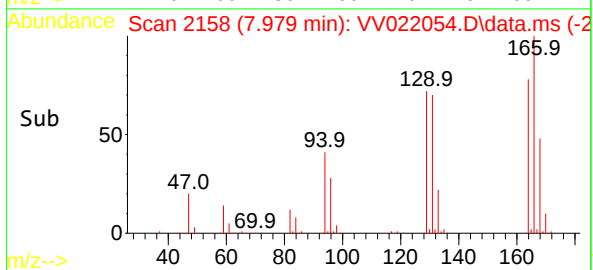
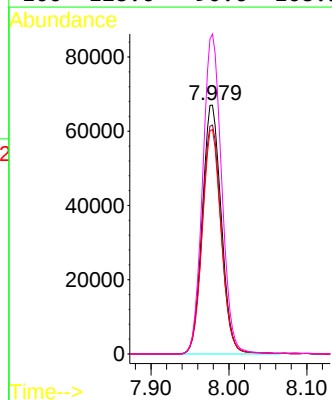
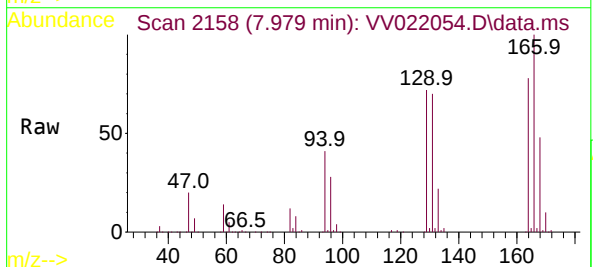
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.8	81.4
83	84.8	58.8	109.2
85	53.5	38.4	71.4

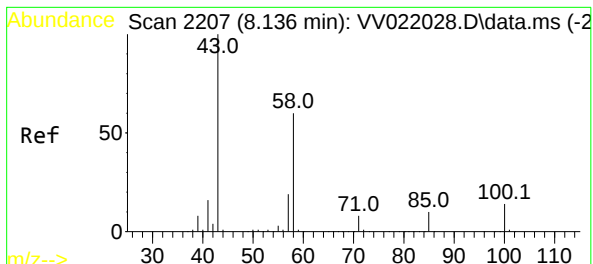


#46
Tetrachloroethene
Concen: 48.287 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 164 Resp: 114124

Ion	Ratio	Lower	Upper
164	100		
129	92.0	62.9	116.9
131	90.2	61.0	113.4
166	128.6	90.6	168.3



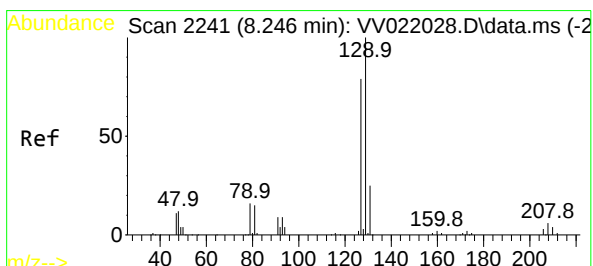
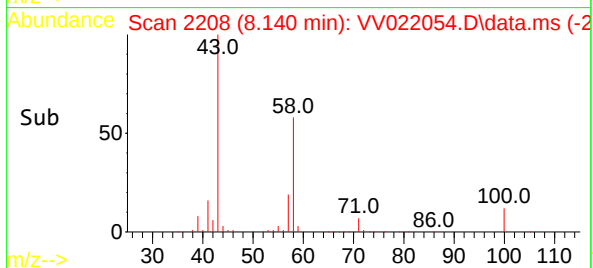
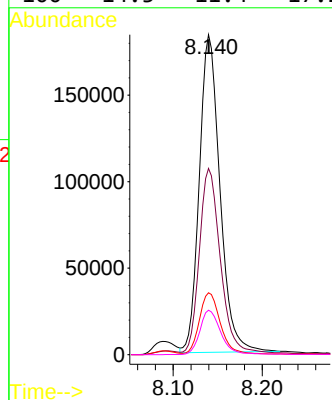
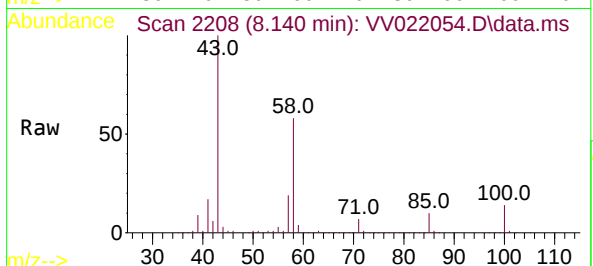


#48
2-Hexanone
Concen: 101.121 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

Tgt Ion: 43 Resp: 295872

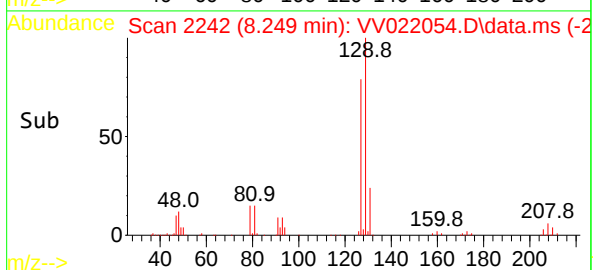
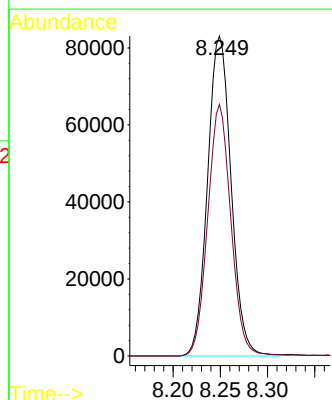
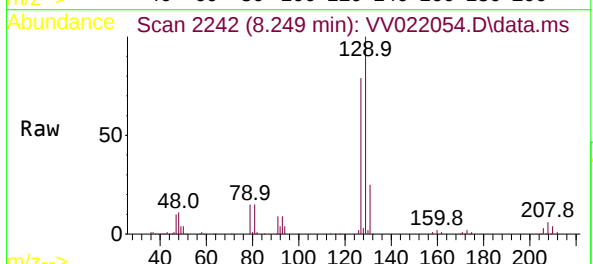
Ion	Ratio	Lower	Upper
43	100		
58	59.9	47.5	71.3
57	20.2	15.9	23.9
100	14.3	11.4	17.2

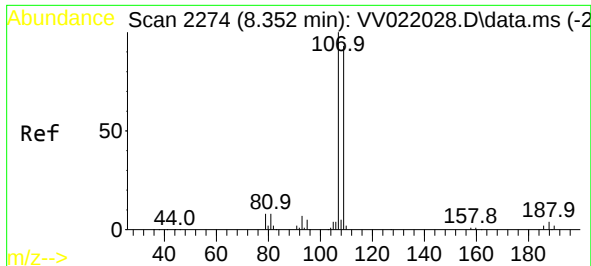


#49
Dibromochloromethane
Concen: 47.525 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 129 Resp: 143978

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.1	100.5





#50

1,2-Dibromoethane

Concen: 49.898 ug/L

RT: 8.355 min Scan# 2275

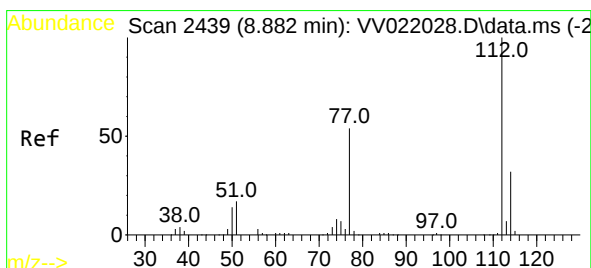
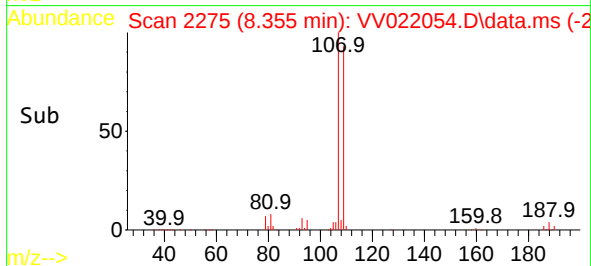
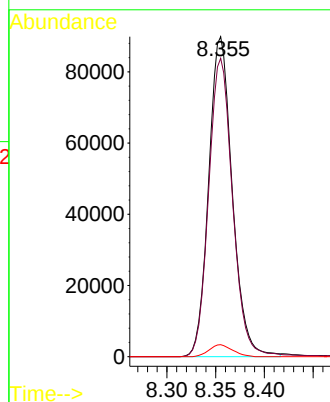
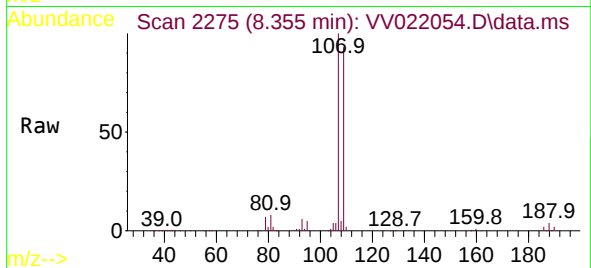
Delta R.T. 0.003 min

Lab File: VV022054.D

Acq: 31 Aug 2021 20:34

Tgt Ion:	107	Resp:	151565
Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.5	121.6
188	3.7	3.2	4.8

Instrument :
MSVOA_V
ClientSampleId :
VSTD050324



#51

Chlorobenzene

Concen: 48.550 ug/L

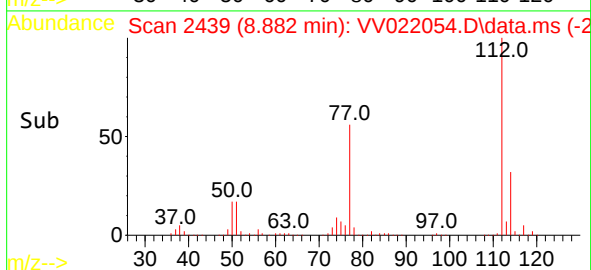
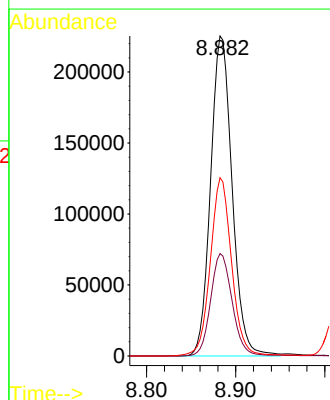
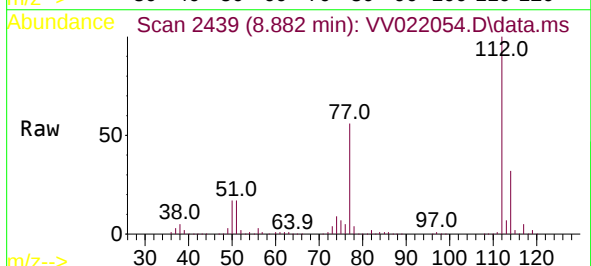
RT: 8.882 min Scan# 2439

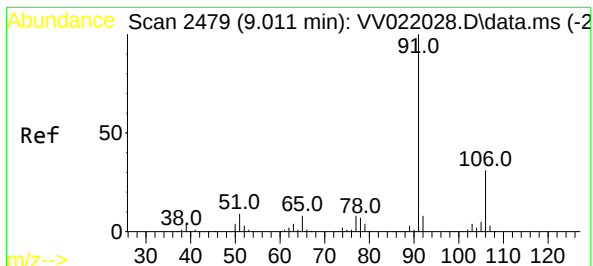
Delta R.T. 0.000 min

Lab File: VV022054.D

Acq: 31 Aug 2021 20:34

Tgt Ion:	112	Resp:	378050
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	41.0
77	55.7	43.2	64.8

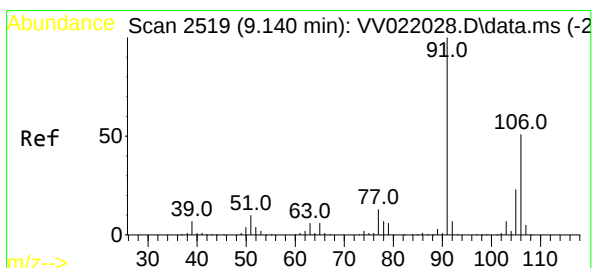
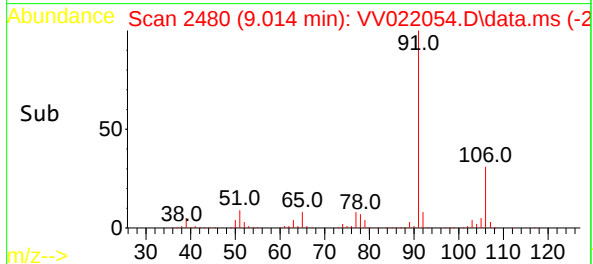
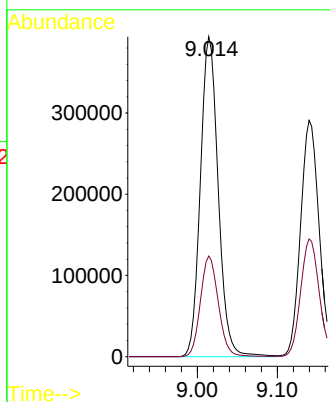
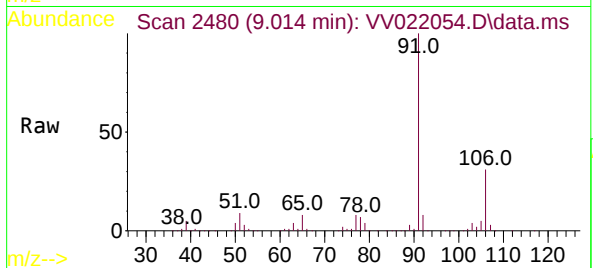




#52
Ethylbenzene
Concen: 48.859 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

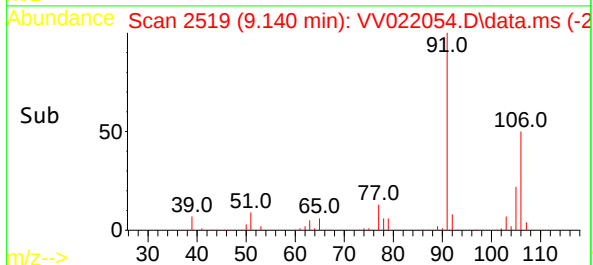
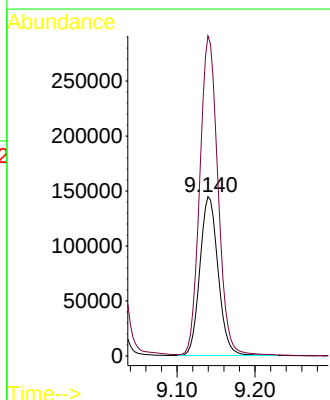
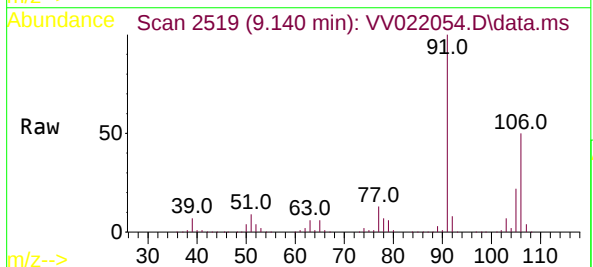
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

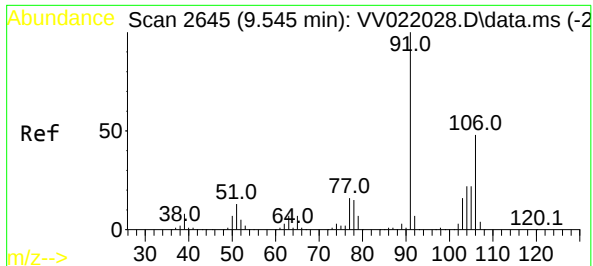
Tgt Ion: 91 Resp: 612554
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 48.009 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 106 Resp: 233947
Ion Ratio Lower Upper
106 100
91 200.8 139.1 258.3

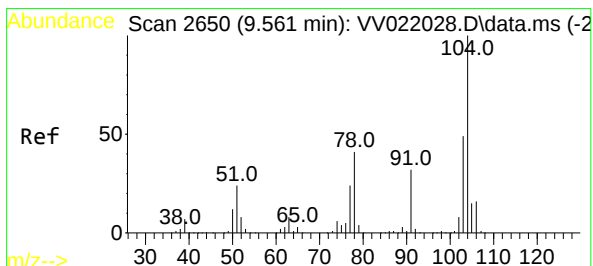
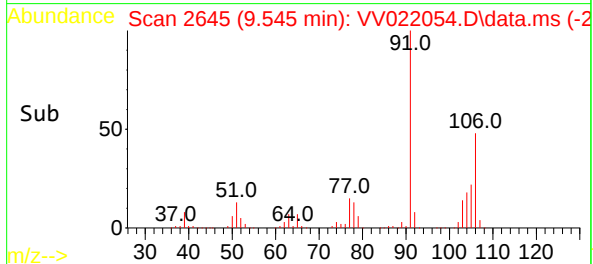
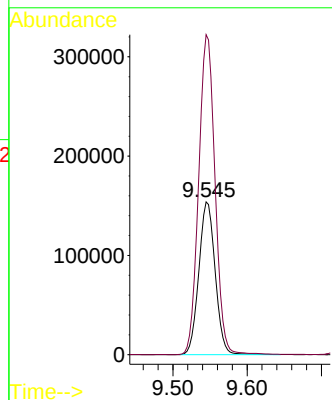
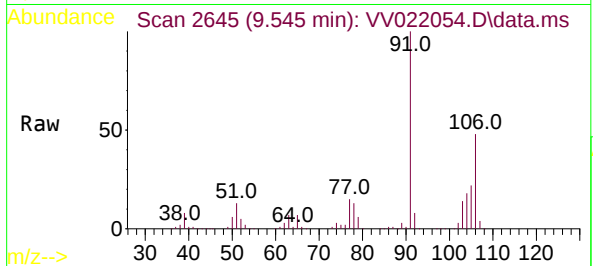




#54
o-Xylene
Concen: 48.904 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

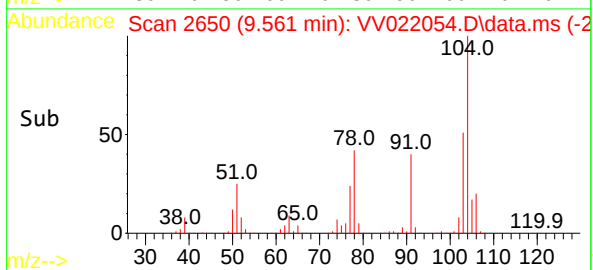
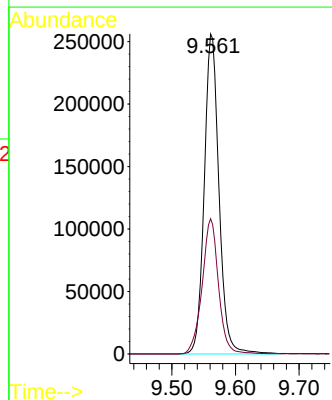
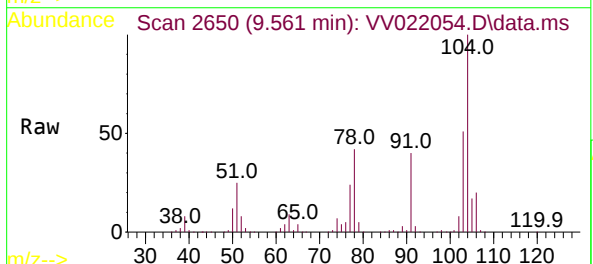
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

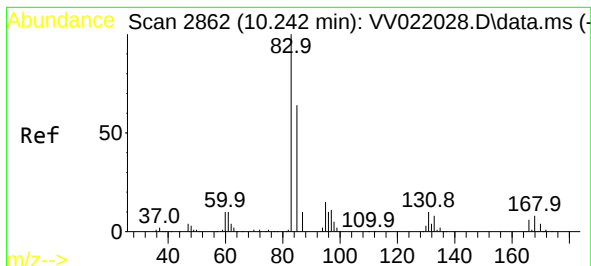
Tgt Ion:106 Resp: 235796
Ion Ratio Lower Upper
106 100
91 209.5 150.1 278.9



#55
Styrene
Concen: 50.032 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion:104 Resp: 411689
Ion Ratio Lower Upper
104 100
78 42.3 28.6 53.2

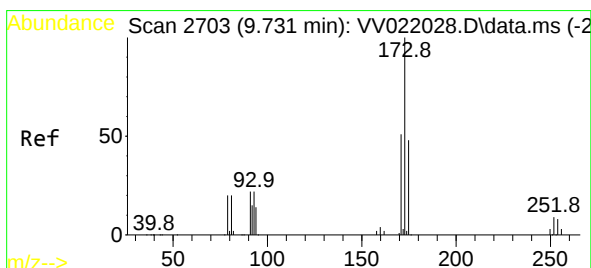
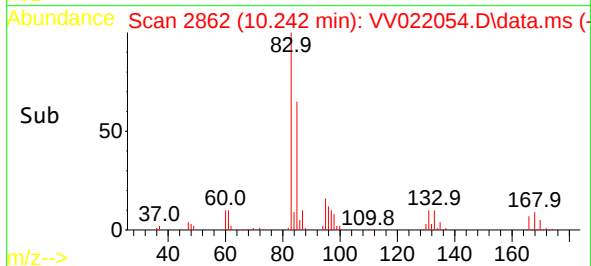
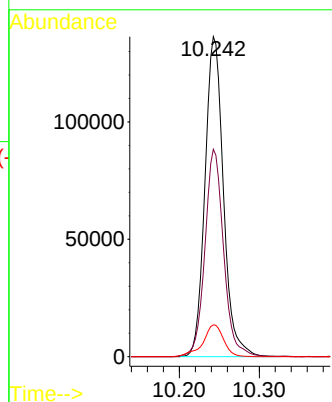
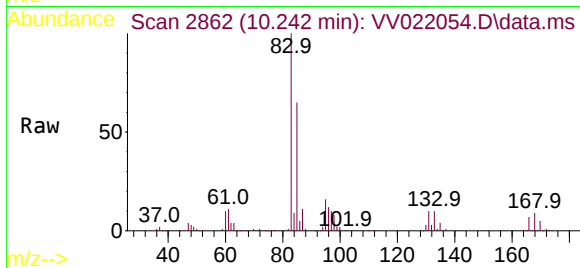




#57
1,1,2,2-Tetrachloroethane
Concen: 53.547 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

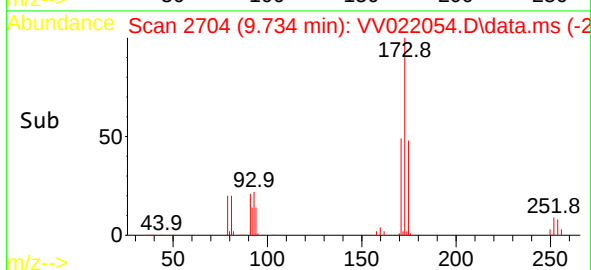
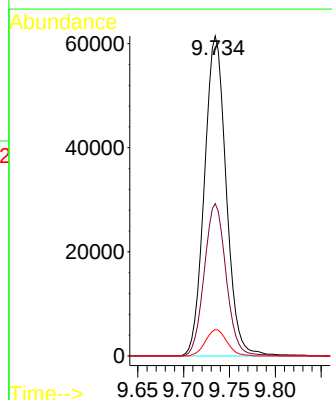
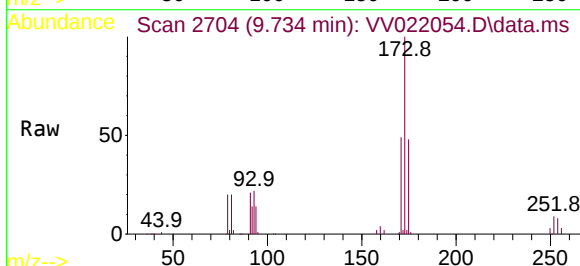
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

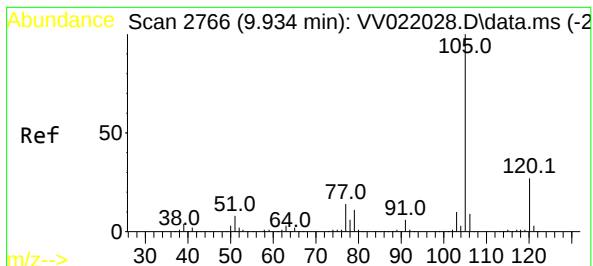
Tgt Ion: 83 Resp: 219580
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1
131 10.0 8.2 12.2



#59
Bromoform
Concen: 47.436 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 173 Resp: 101525
Ion Ratio Lower Upper
173 100
175 47.8 38.8 58.2
254 8.1 7.0 10.4

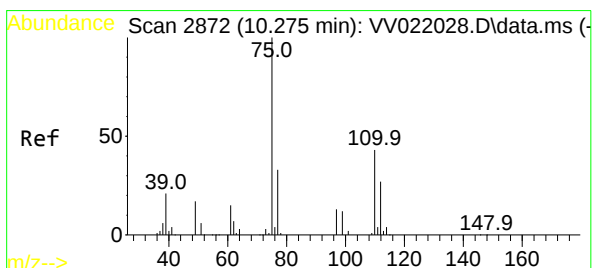
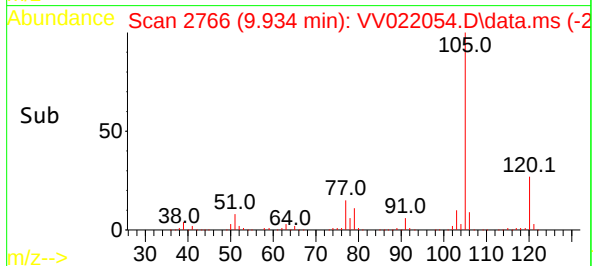
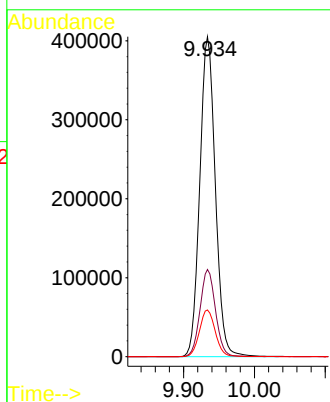
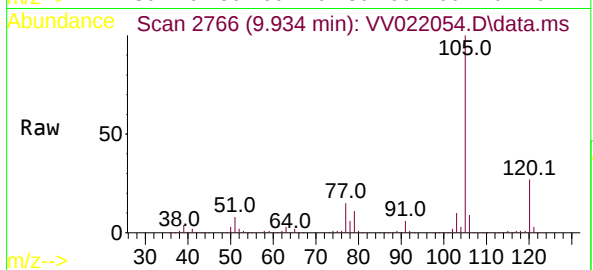




#60
Isopropylbenzene
Concen: 48.788 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

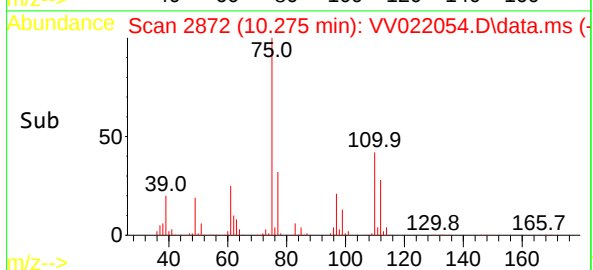
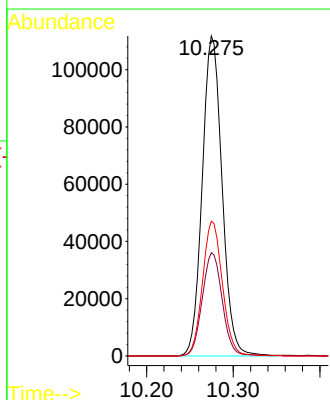
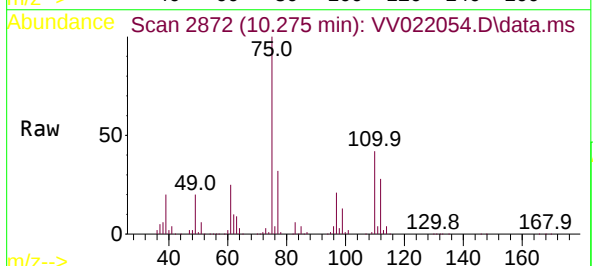
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

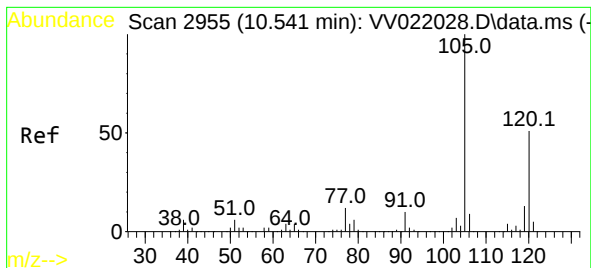
Tgt Ion:105 Resp: 617758
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.960 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 75 Resp: 177975
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 42.2 33.8 50.6

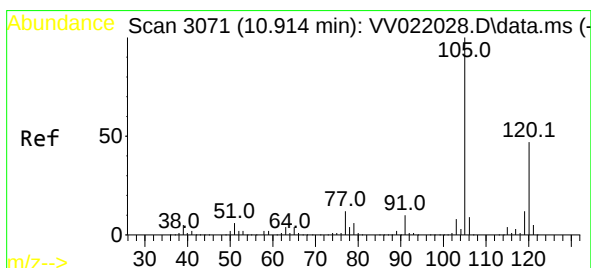
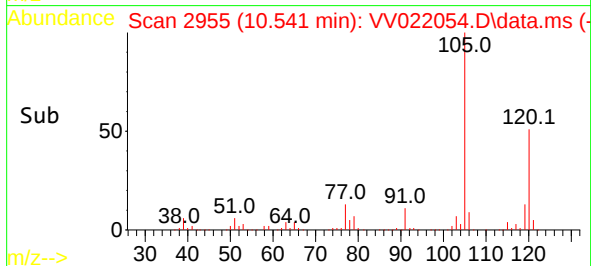
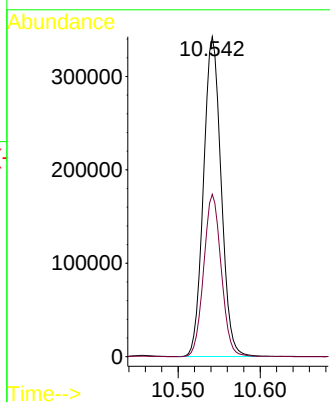
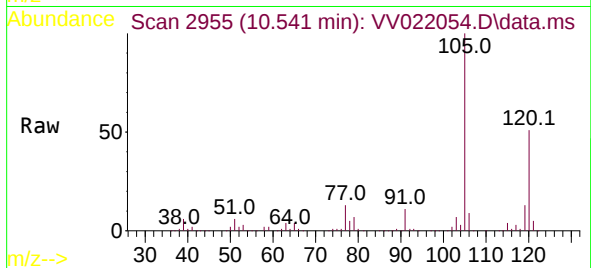




#62
1,3,5-Trimethylbenzene
Concen: 48.193 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

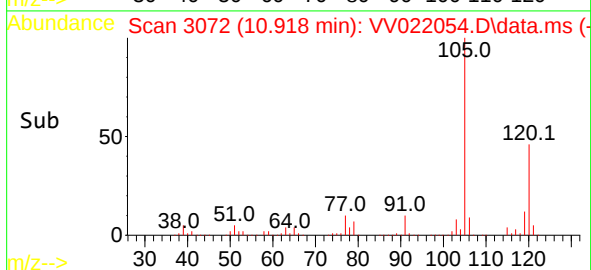
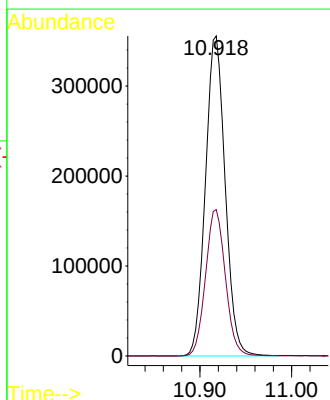
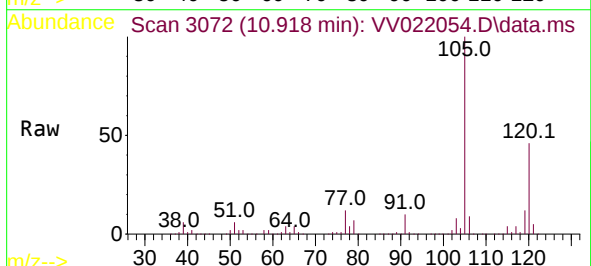
Tgt Ion:105 Resp: 512306
Ion Ratio Lower Upper
105 100
120 50.4 39.6 59.4

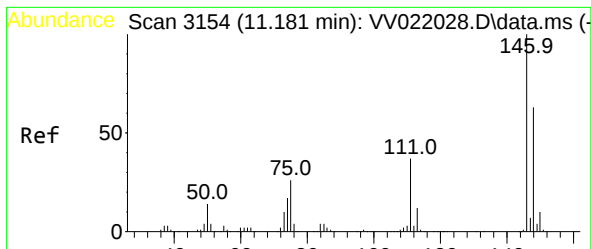
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324



#63
1,2,4-Trimethylbenzene
Concen: 49.140 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion:105 Resp: 530951
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.0

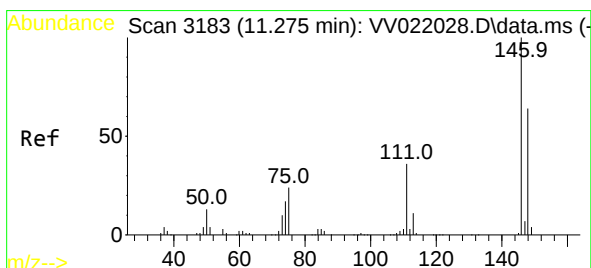
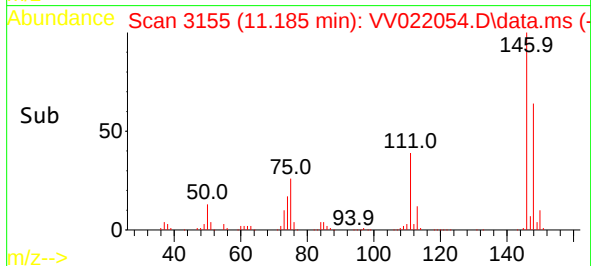
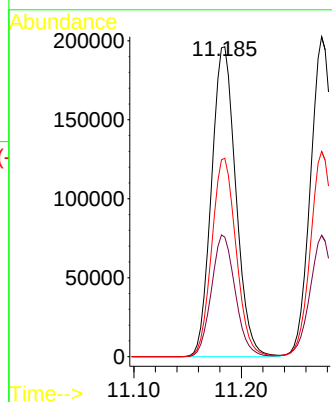
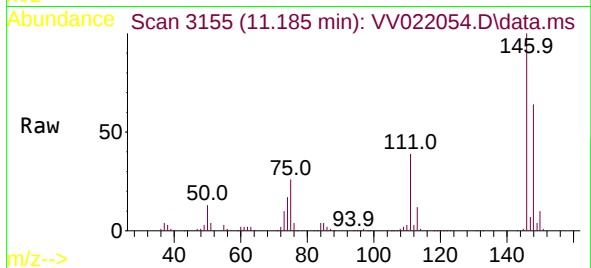




#64
1,3-Dichlorobenzene
Concen: 48.069 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

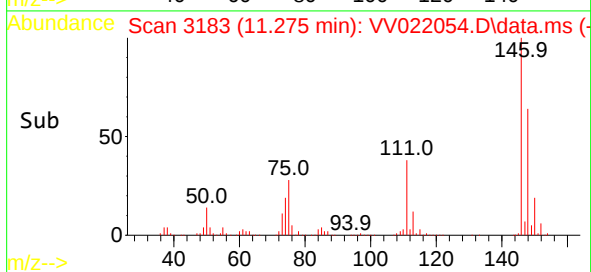
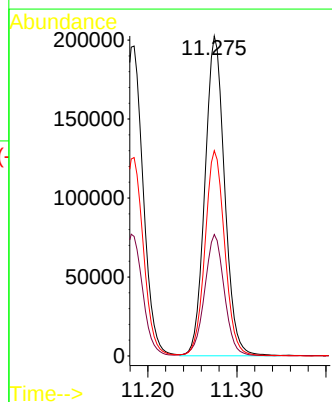
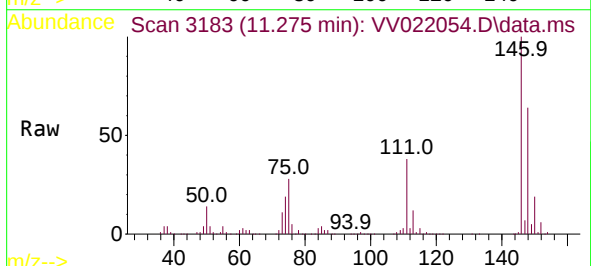
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

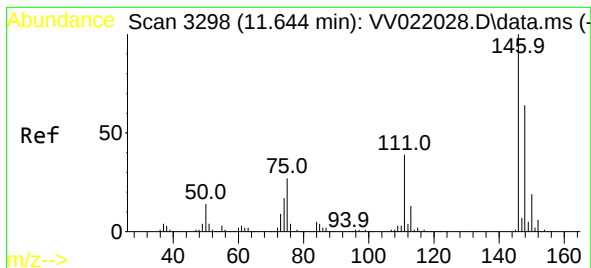
Tgt Ion:146 Resp: 309032
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 64.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 47.245 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion:146 Resp: 310801
Ion Ratio Lower Upper
146 100
111 37.9 25.3 46.9
148 64.2 44.4 82.5

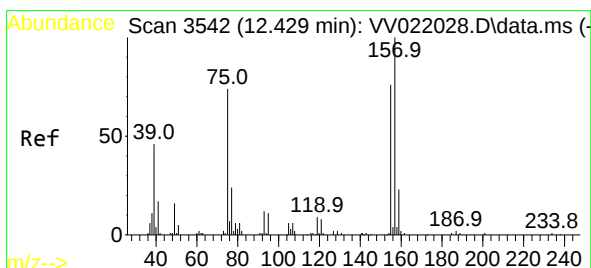
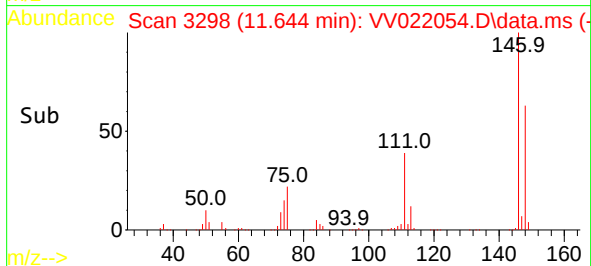
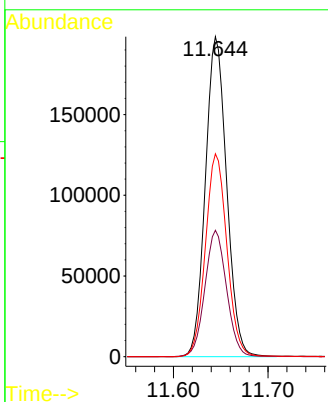
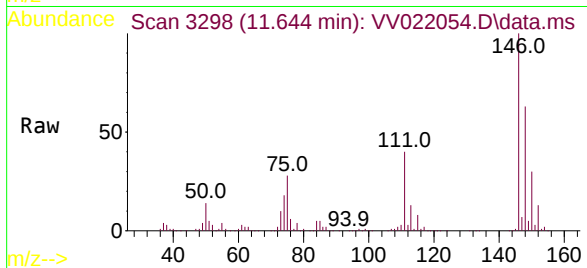




#67
1,2-Dichlorobenzene
Concen: 48.566 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

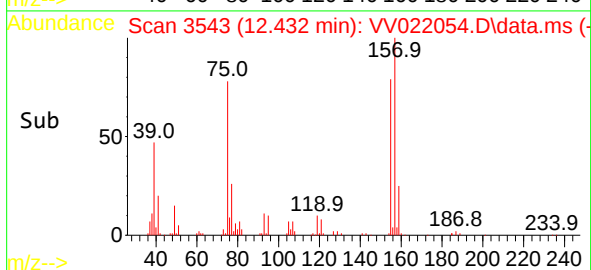
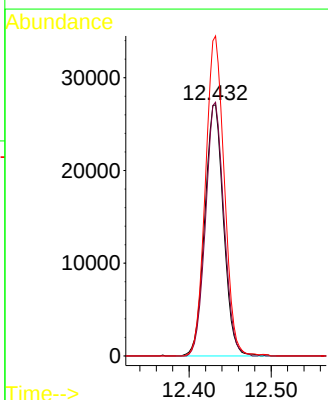
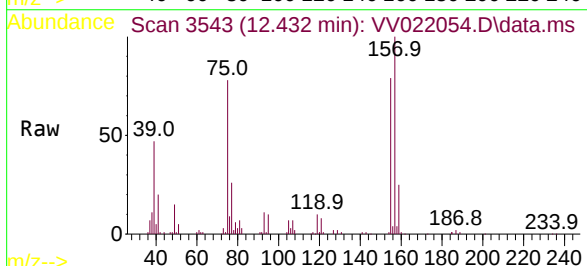
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

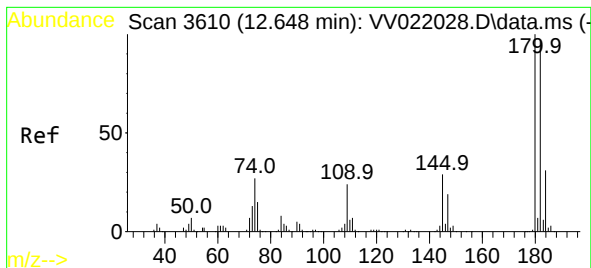
Tgt Ion:146 Resp: 310020
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 63.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.122 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion: 75 Resp: 43030
Ion Ratio Lower Upper
75 100
155 101.1 79.8 119.6
157 127.4 98.3 147.5



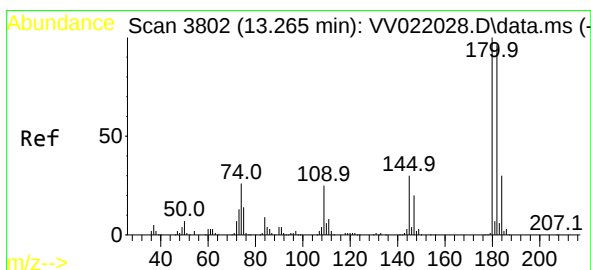
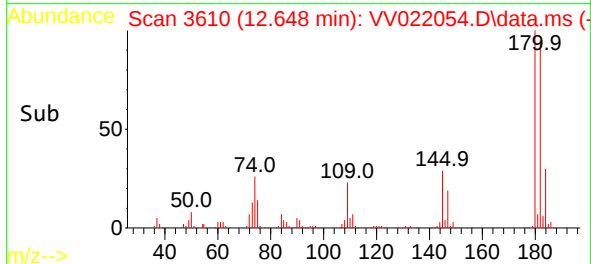
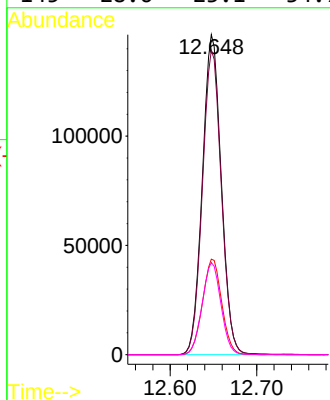
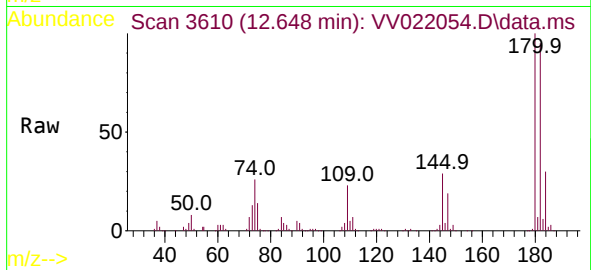


#69
1,3,5-Trichlorobenzene
Concen: 46.184 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

Tgt Ion:180 Resp: 222016

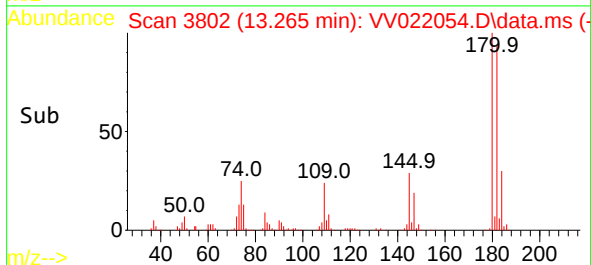
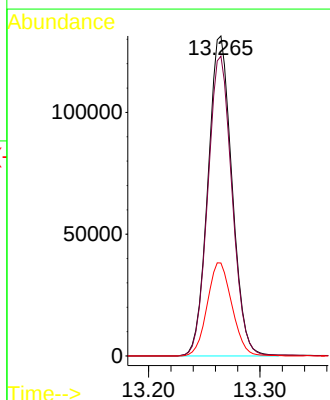
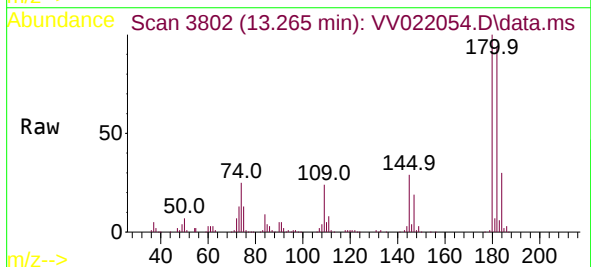
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
184	30.3	24.0	36.0
145	28.6	23.1	34.7

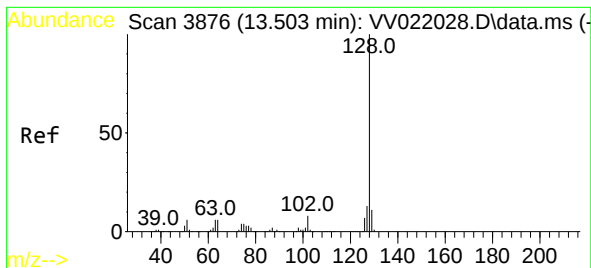


#70
1,2,4-trichlorobenzene
Concen: 46.578 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion:180 Resp: 196968

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.9	113.9
145	30.0	23.8	35.6

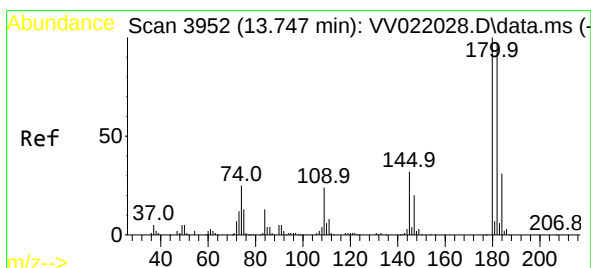
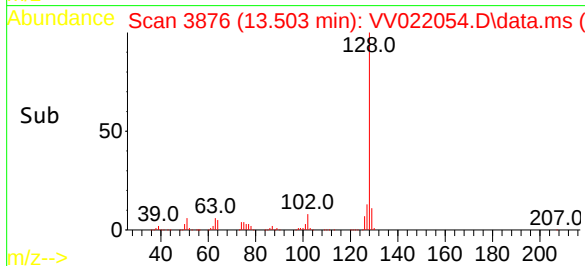
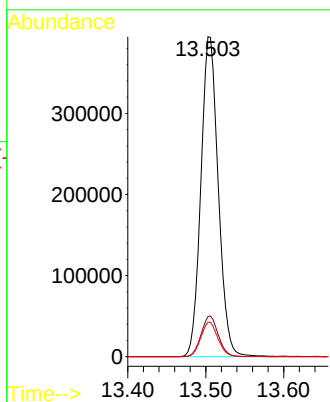
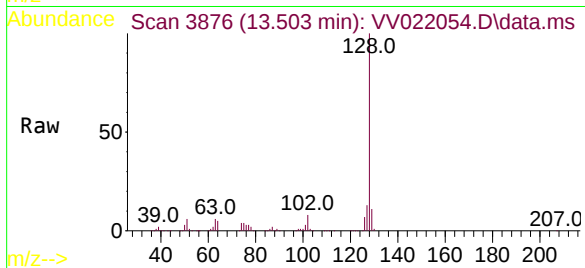




#71
Naphthalene
Concen: 50.139 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

Tgt Ion:128 Resp: 609921
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.137 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022054.D
Acq: 31 Aug 2021 20:34

Tgt Ion:180 Resp: 198550
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 32.0 25.4 38.0

