

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022171.D
 Acq On : 17 Sep 2021 08:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 02:45:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 17 01:54:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	304774	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	298974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	162412	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92320	43.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.480%
7) Chloroethane-d5	1.558	69	82017	49.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	2.105	63	184270	52.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.580%
21) 2-Butanone-d5	3.873	46	155749	107.600	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.600%
24) Chloroform-d	4.346	84	208419	54.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.320%
26) 1,2-Dichloroethane-d4	5.031	65	123752	54.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.180%
32) Benzene-d6	5.047	84	407089	50.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.069	67	127187	49.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.740%
41) Toluene-d8	7.317	98	381691	49.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.720%
43) trans-1,3-Dichloroprop...	7.622	79	58890	48.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.040%
47) 2-Hexanone-d5	8.088	63	104126	106.412	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.410%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	178761	54.732	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.460%
66) 1,2-Dichlorobenzene-d4	11.625	152	158493	49.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	84006	40.099	ug/L	100
3) Chloromethane	1.240	50	91605	41.294	ug/L	96
5) Vinyl chloride	1.311	62	98249	43.942	ug/L	99
6) Bromomethane	1.507	94	63456	47.205	ug/L	100
8) Chloroethane	1.574	64	68109	48.694	ug/L	99
9) Trichlorofluoromethane	1.748	101	160874	50.525	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101577	54.391	ug/L	99
12) 1,1-Dichloroethene	2.114	96	89032	50.644	ug/L	93
13) Acetone	2.159	43	155909	128.552	ug/L #	74
14) Carbon disulfide	2.291	76	217683	41.037	ug/L	100
15) Methyl Acetate	2.426	43	123012	52.083	ug/L	99
16) Methylene chloride	2.503	84	117208	49.762	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	102179	48.071	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	342411	50.693	ug/L	98
19) 1,1-Dichloroethane	3.188	63	197240	52.100	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	117473	49.655	ug/L	99
22) 2-Butanone	3.953	43	192784	113.084	ug/L	99
23) Bromochloromethane	4.246	128	63552	50.442	ug/L	94
25) Chloroform	4.375	83	208216	51.956	ug/L	97

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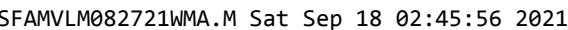
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 ClientSampleId :

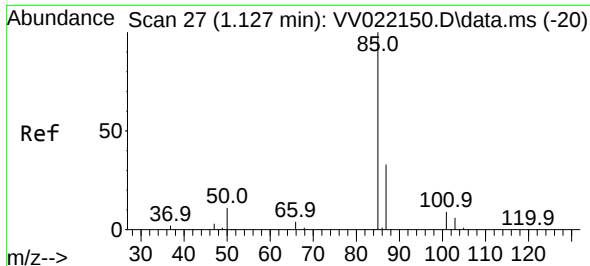
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 QLast Update : Fri Sep 17 01:54:12 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	148417	55.248	ug/L	100
29) Cyclohexane	4.677	56	152237	45.551	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	179311	50.463	ug/L	99
31) Carbon tetrachloride	4.828	117	153656	50.332	ug/L	99
33) Benzene	5.098	78	436065	50.131	ug/L	100
34) Trichloroethene	5.915	95	116819	47.412	ug/L	98
35) Methylcyclohexane	6.130	83	165038	45.819	ug/L	98
37) 1,2-Dichloropropane	6.172	63	113642	50.400	ug/L	99
38) Bromodichloromethane	6.510	83	151779	52.637	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	175608	50.444	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	327713	107.207	ug/L	98
42) Toluene	7.387	91	474385	50.530	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	165141	50.970	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	118843	51.801	ug/L	99
46) Tetrachloroethene	7.976	164	91051	47.525	ug/L	96
48) 2-Hexanone	8.140	43	267000	112.574	ug/L	97
49) Dibromochloromethane	8.246	129	128399	52.285	ug/L	100
50) 1,2-Dibromoethane	8.352	107	124476	50.554	ug/L	99
51) Chlorobenzene	8.883	112	315882	50.045	ug/L	100
52) Ethylbenzene	9.014	91	503291	49.523	ug/L	100
53) m,p-Xylene	9.140	106	200031	50.639	ug/L	97
54) o-Xylene	9.545	106	195149	49.931	ug/L	97
55) Styrene	9.561	104	344100	51.589	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	182931	55.032	ug/L	99
59) Bromoform	9.731	173	88953	51.568	ug/L	99
60) Isopropylbenzene	9.934	105	518598	50.817	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	150900	53.609	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	434383	50.701	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	444997	51.100	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	257982	49.789	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	260172	49.070	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	264945	51.497	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	36959	54.480	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	187833	48.480	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	154783	45.414	ug/L	100
71) Naphthalene	13.503	128	446331	45.525	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	158354	47.635	ug/L	100

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

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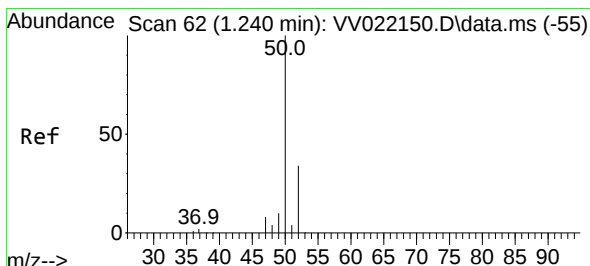
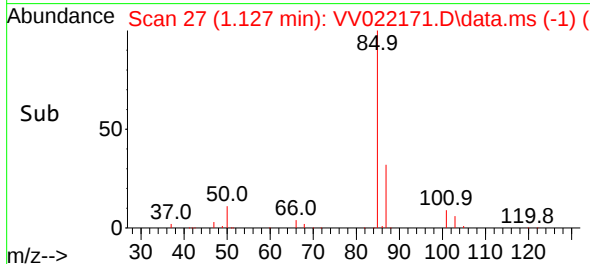
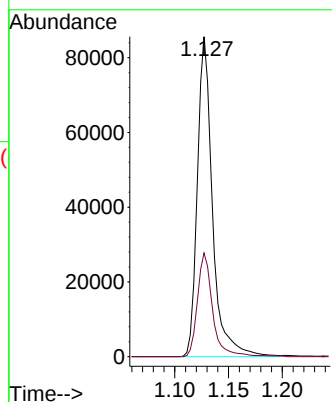
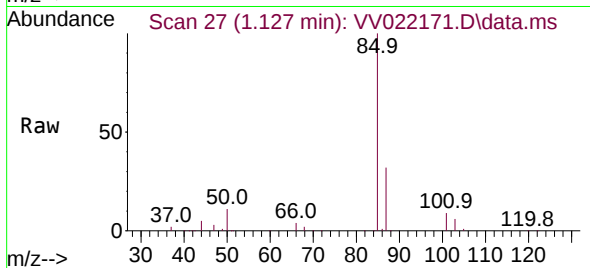




#2
Dichlorodifluoromethane
Concen: 40.099 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

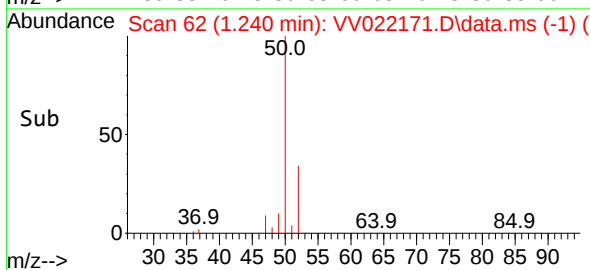
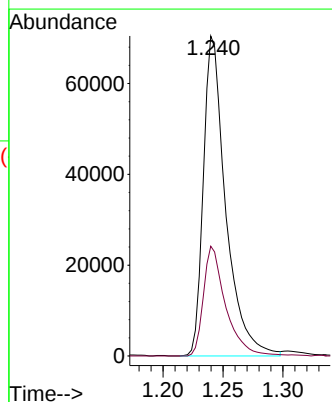
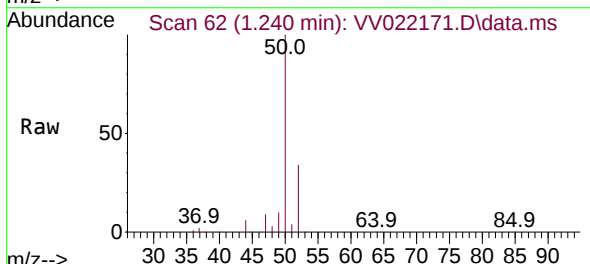
Instrument :
MSVOA_V
ClientSampled :

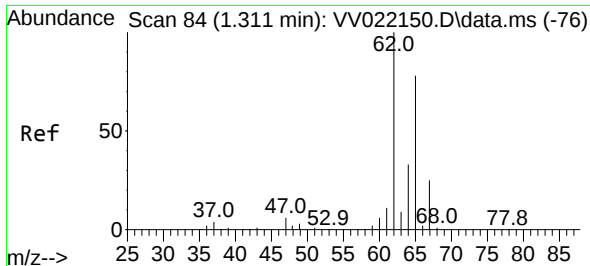
Tgt Ion: 85 Resp: 84006
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 41.294 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 50 Resp: 91605
Ion Ratio Lower Upper
50 100
52 34.3 22.5 41.9

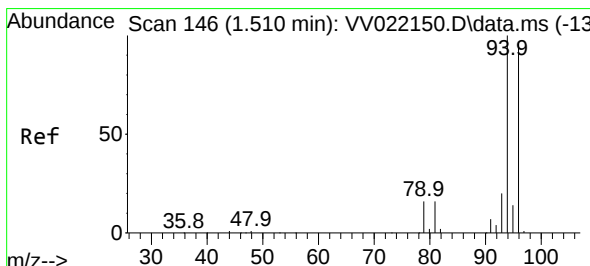
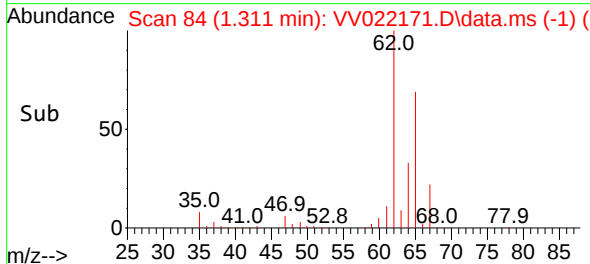
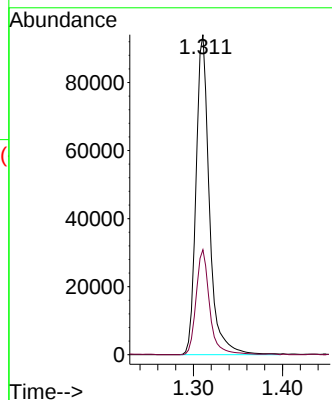
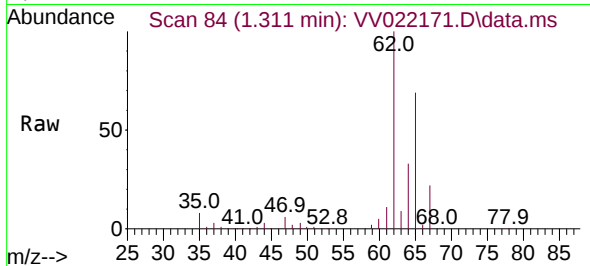




#5
 Vinyl chloride
 Concen: 43.942 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022171.D
 Acq: 17 Sep 2021 08:58

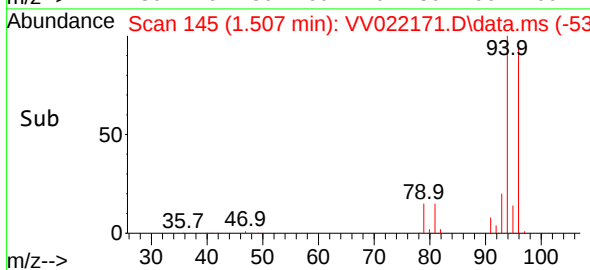
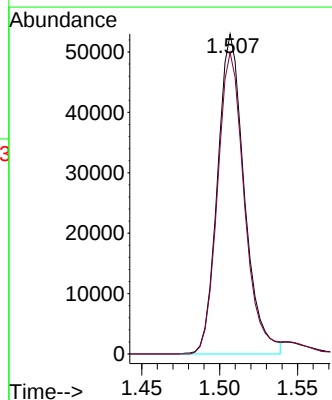
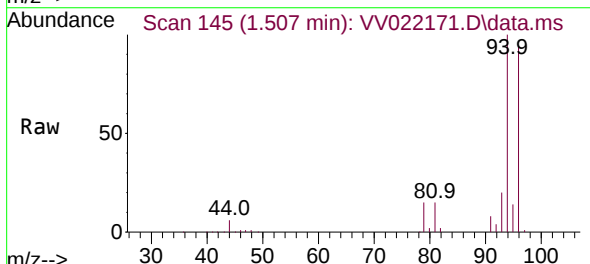
Instrument :
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 ClientSampled :

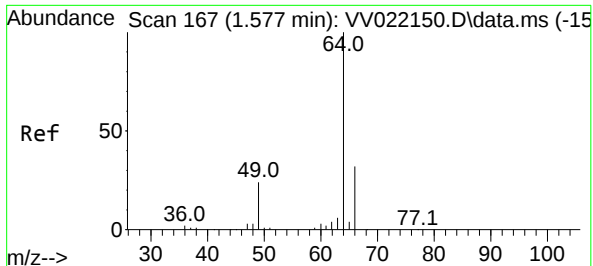
Tgt Ion: 62 Resp: 98249
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.6



#6
 Bromomethane
 Concen: 47.205 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.003 min
 Lab File: VV022171.D
 Acq: 17 Sep 2021 08:58

Tgt Ion: 94 Resp: 63456
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.8 122.2

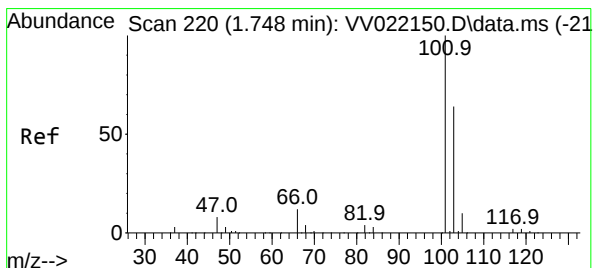
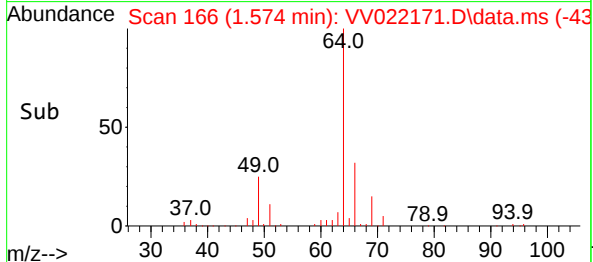
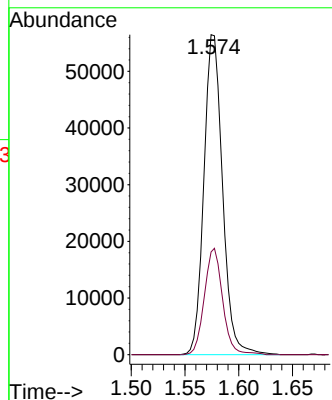
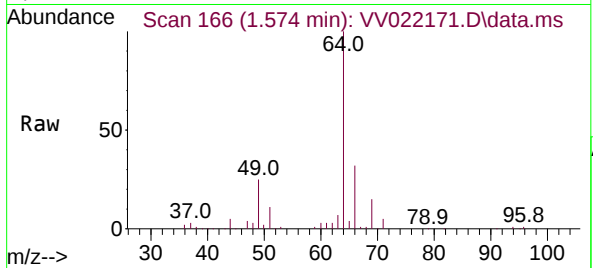




#8
Chloroethane
Concen: 48.694 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

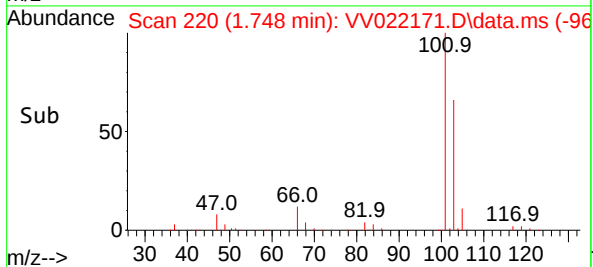
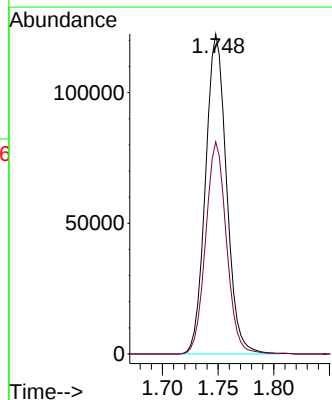
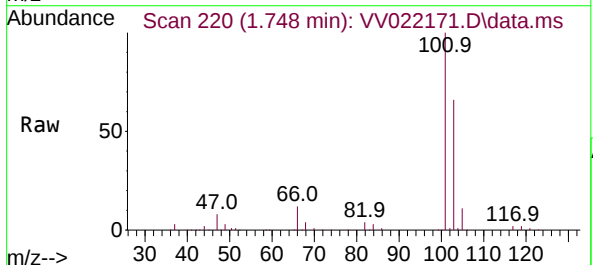
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MSVOA_V
ClientSampled :

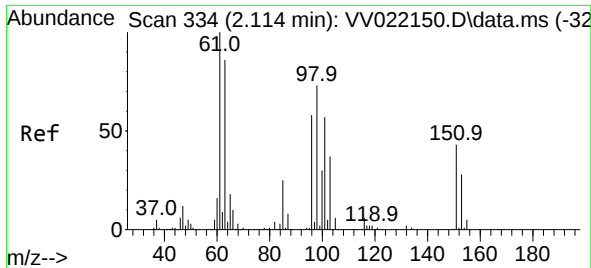
Tgt Ion: 64 Resp: 68109
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 50.525 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion:101 Resp: 160874
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

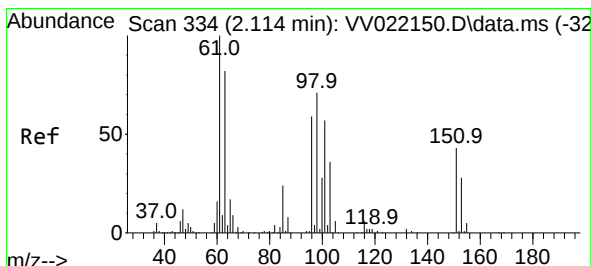
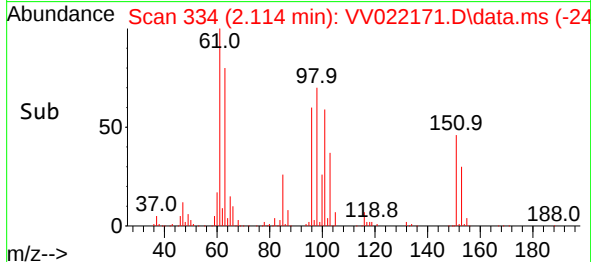
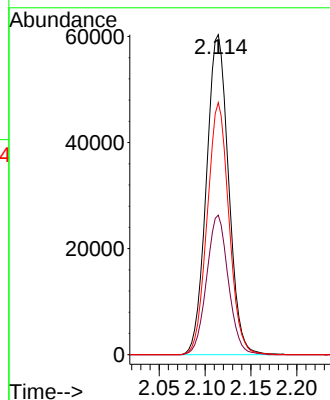
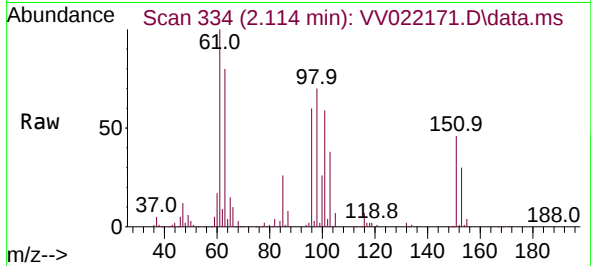




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.391 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022171.D
 Acq: 17 Sep 2021 08:58

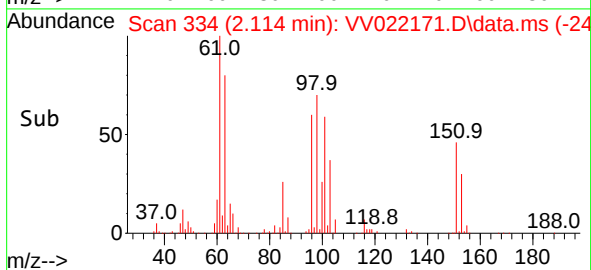
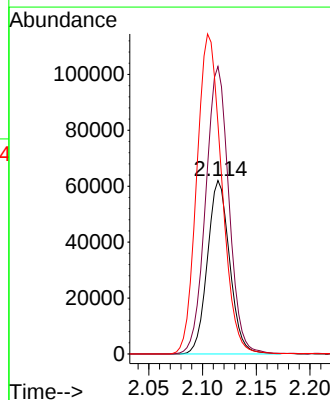
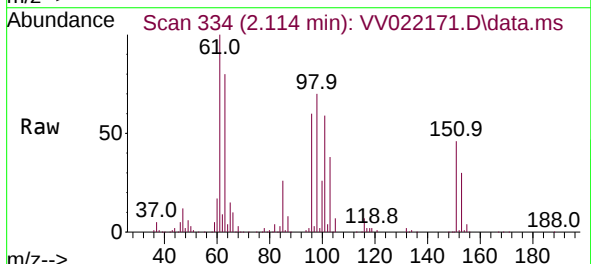
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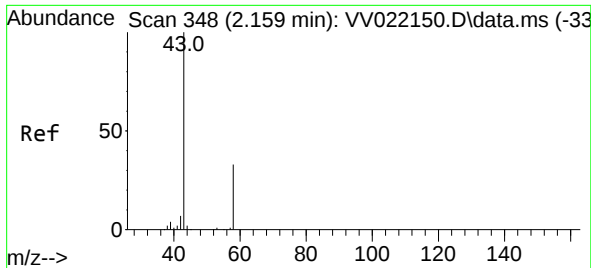
Tgt Ion:101 Resp: 101577
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.4 50.0
 151 77.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 50.644 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022171.D
 Acq: 17 Sep 2021 08:58

Tgt Ion: 96 Resp: 89032
 Ion Ratio Lower Upper
 96 100
 61 165.8 113.2 210.2
 63 132.7 102.3 189.9

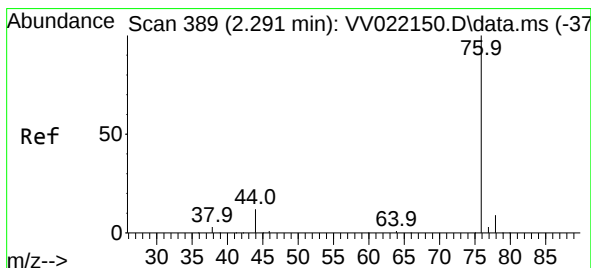
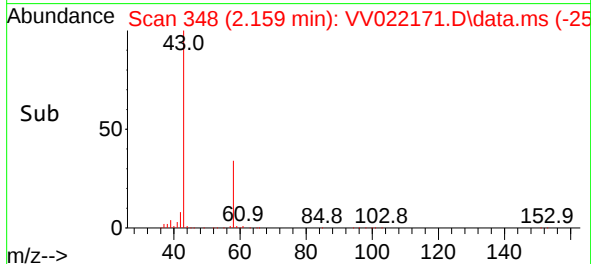
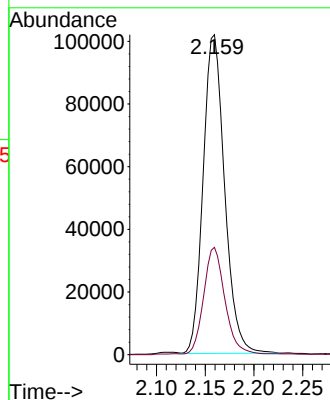
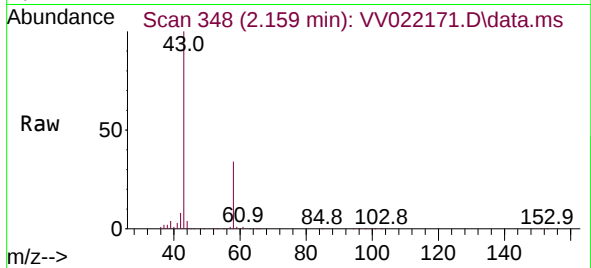




#13
Acetone
Concen: 128.552 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

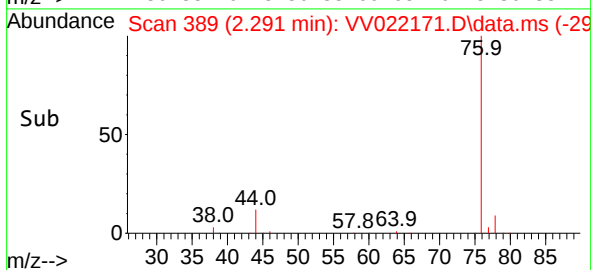
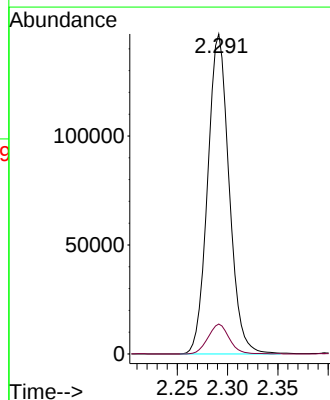
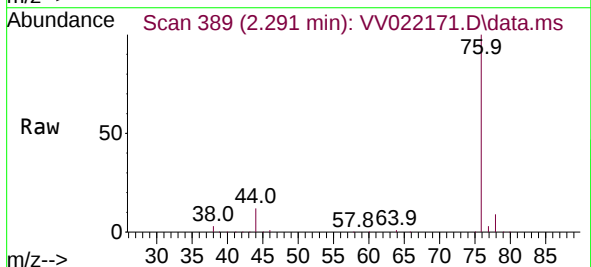
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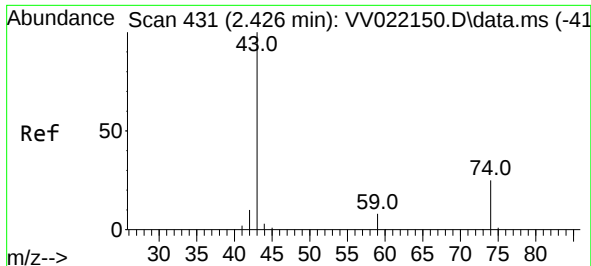
Tgt Ion: 43 Resp: 155909
Ion Ratio Lower Upper
43 100
58 33.0 0.0 0.4#



#14
Carbon disulfide
Concen: 41.037 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 76 Resp: 217683
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

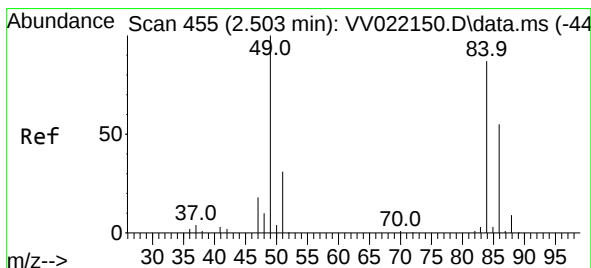
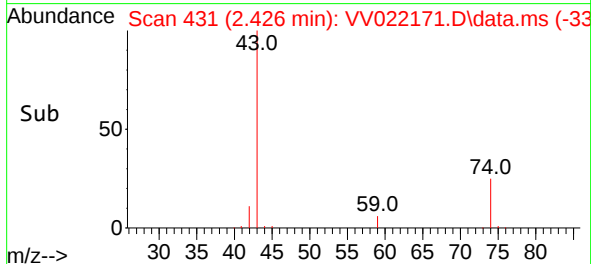
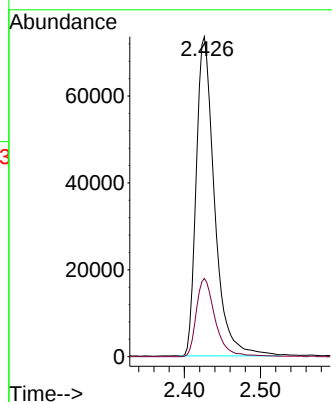
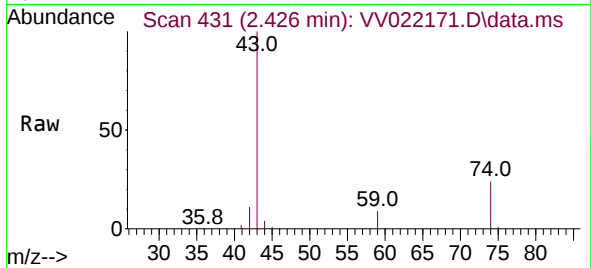




#15
Methyl Acetate
Concen: 52.083 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

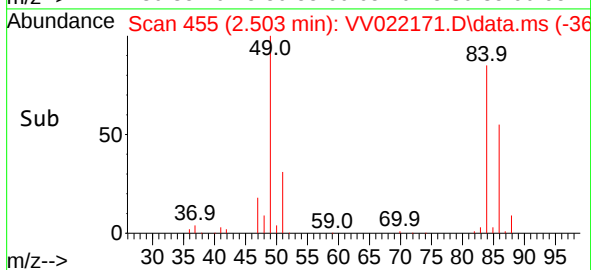
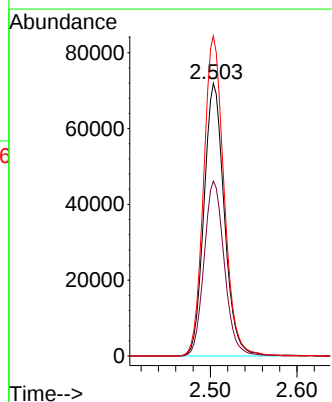
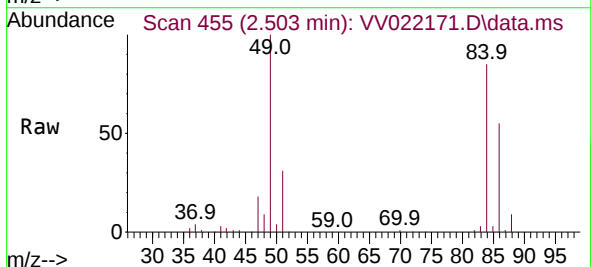
Instrument :
MSVOA_V
ClientSampled :

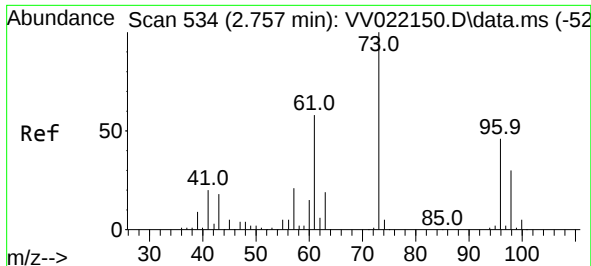
Tgt Ion: 43 Resp: 123012
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2



#16
Methylene chloride
Concen: 49.762 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 84 Resp: 117208
Ion Ratio Lower Upper
84 100
86 64.2 44.8 83.2
49 117.4 80.2 149.0

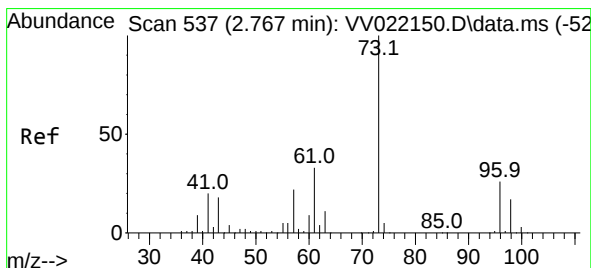
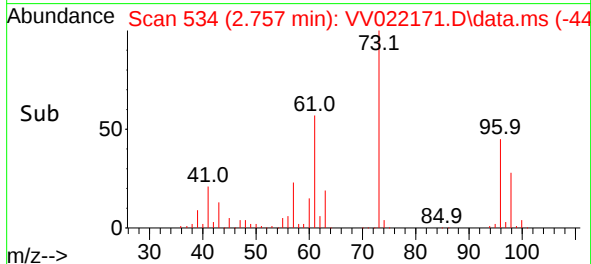
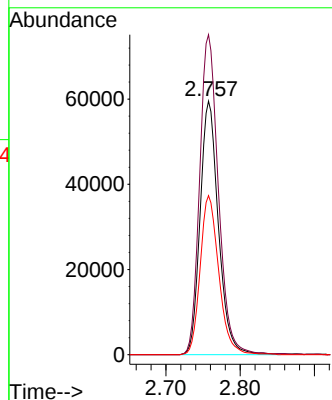
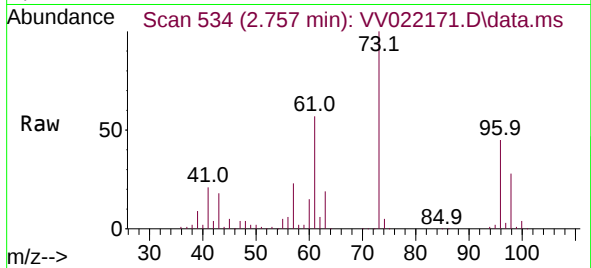




#17
trans-1,2-Dichloroethene
Concen: 48.071 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

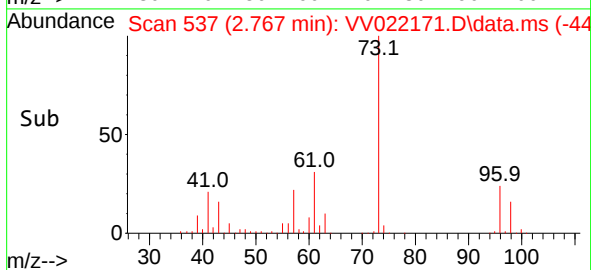
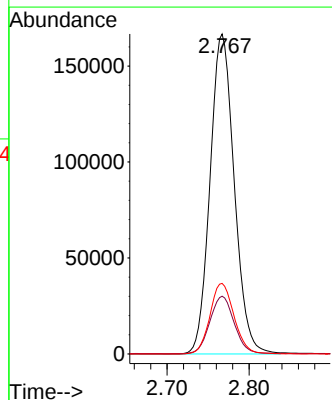
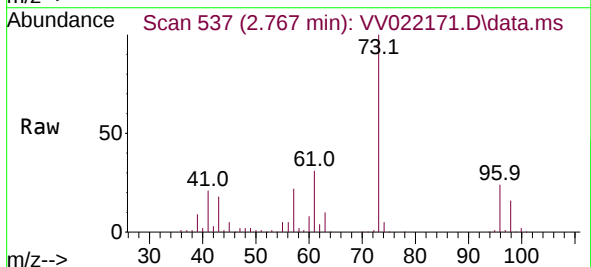
Instrument :
MSVOA_V
ClientSampleId :

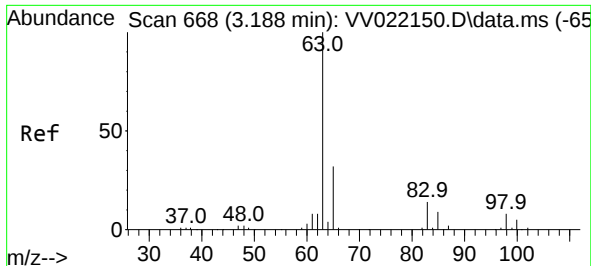
Tgt Ion: 96 Resp: 102179
Ion Ratio Lower Upper
96 100
61 126.2 89.1 165.5
98 62.7 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 50.693 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 73 Resp: 342411
Ion Ratio Lower Upper
73 100
43 18.0 13.8 20.6
57 22.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 52.100 ug/L

RT: 3.188 min Scan# 668

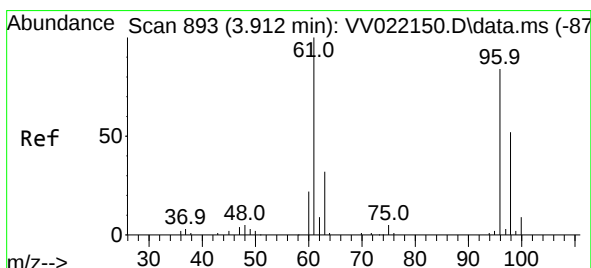
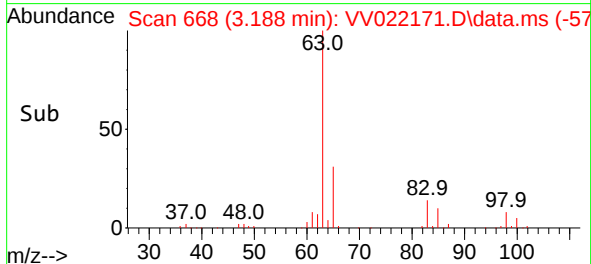
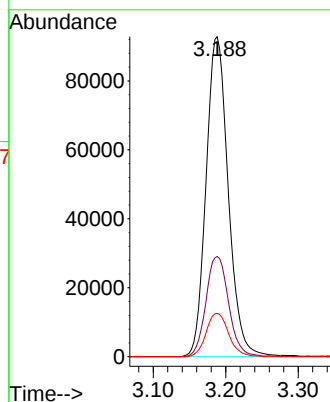
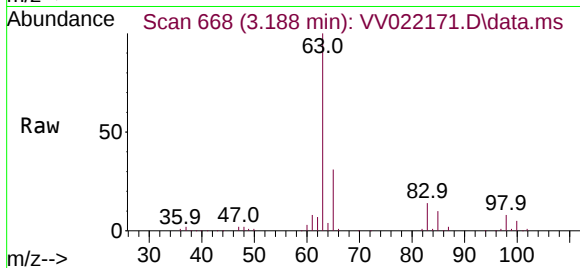
Delta R.T. -0.000 min

Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Tgt Ion: 63 Resp: 197240

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.2	41.2
83	13.6	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 49.655 ug/L

RT: 3.908 min Scan# 892

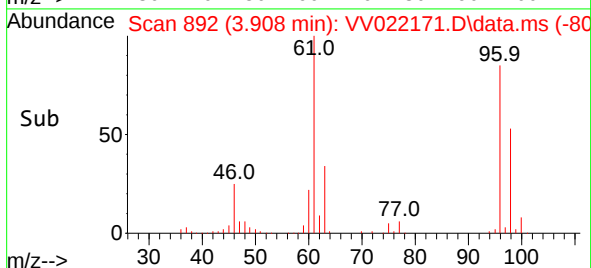
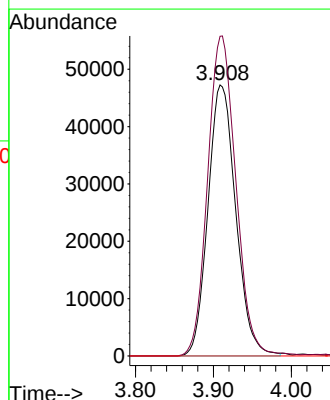
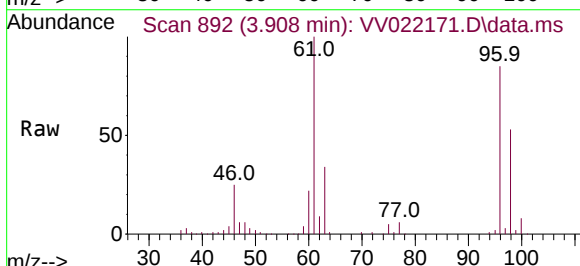
Delta R.T. -0.003 min

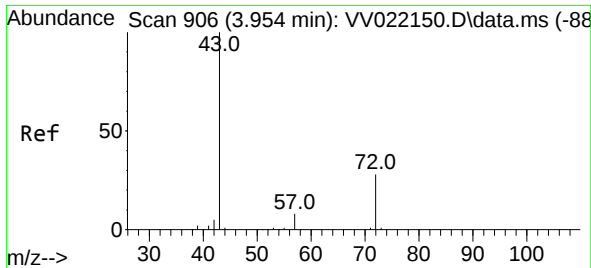
Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Tgt Ion: 96 Resp: 117473

Ion	Ratio	Lower	Upper
96	100		
61	117.9	81.8	152.0
68	0.0	0.0	0.0

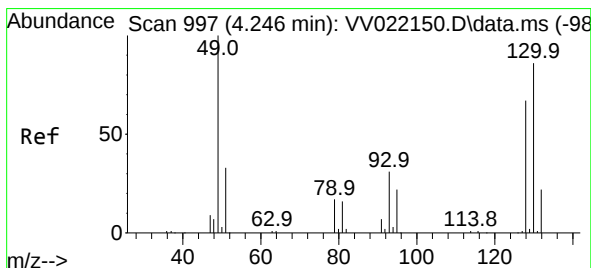
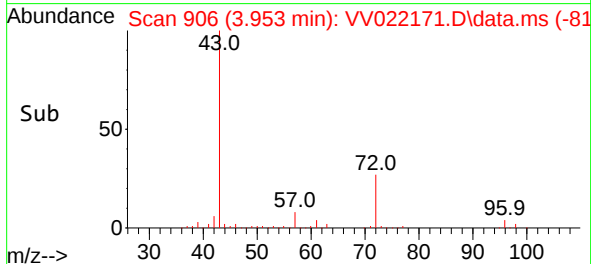
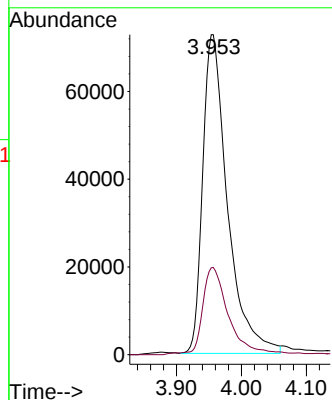
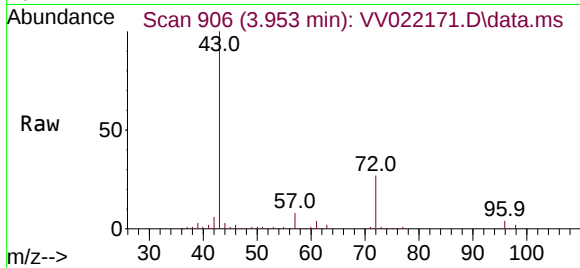




#22
2-Butanone
Concen: 113.084 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

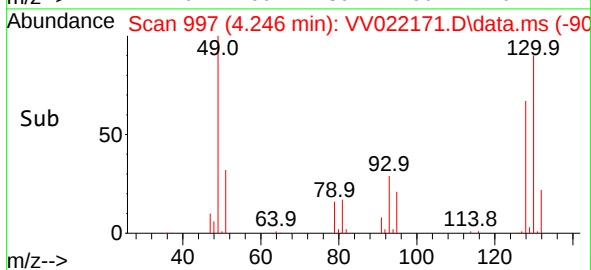
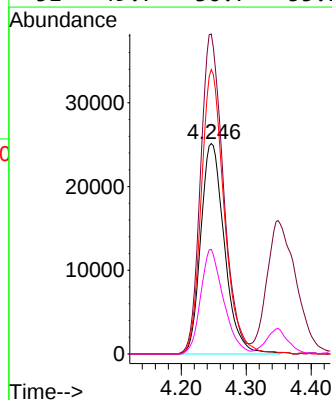
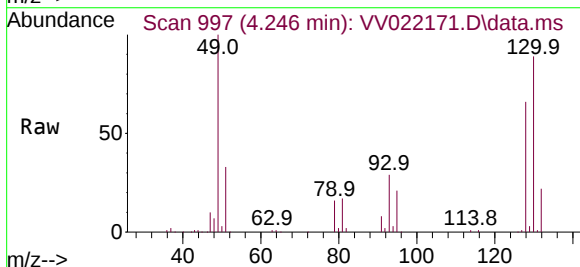
Instrument :
MSVOA_V
ClientSampled :

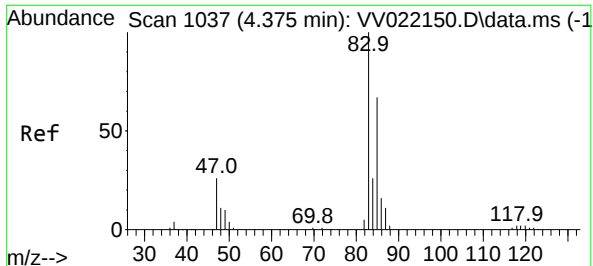
Tgt Ion: 43 Resp: 192784
Ion Ratio Lower Upper
43 100
72 26.9 13.3 39.8



#23
Bromochloromethane
Concen: 50.442 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 128 Resp: 63552
Ion Ratio Lower Upper
128 100
49 152.1 101.6 188.8
130 135.1 88.5 164.3
51 49.7 36.7 55.1





#25

Chloroform

Concen: 51.956 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Tgt Ion: 83 Resp: 208216

Ion Ratio Lower Upper

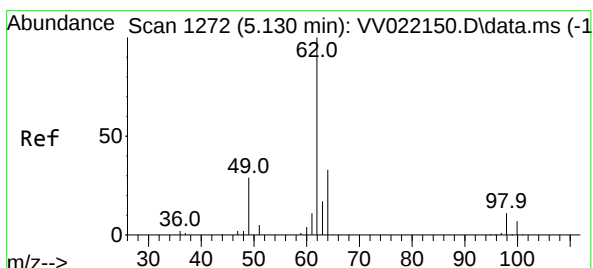
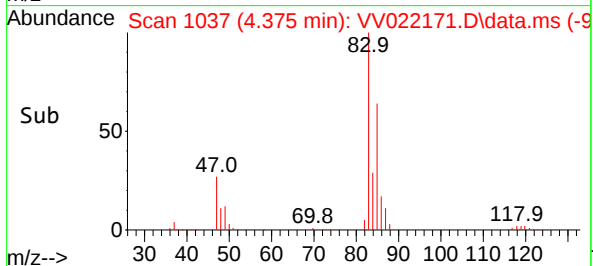
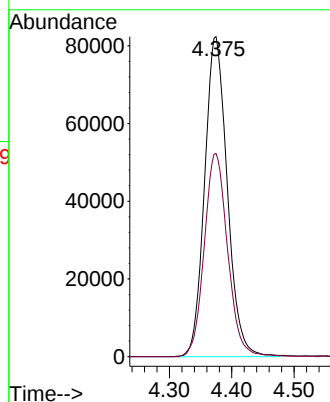
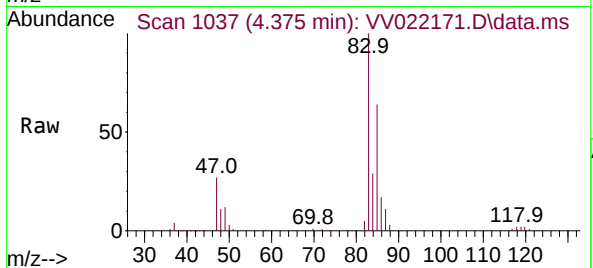
83 100

85 63.5 46.3 85.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 55.248 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV022171.D

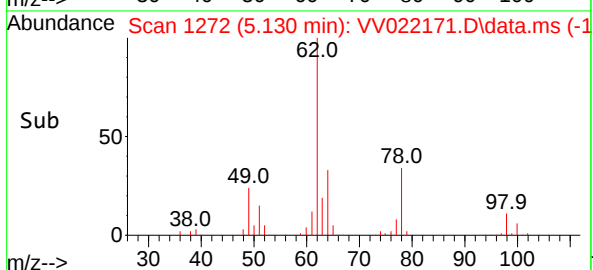
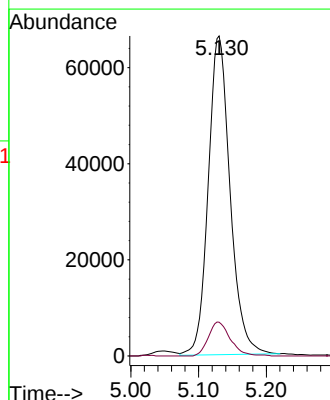
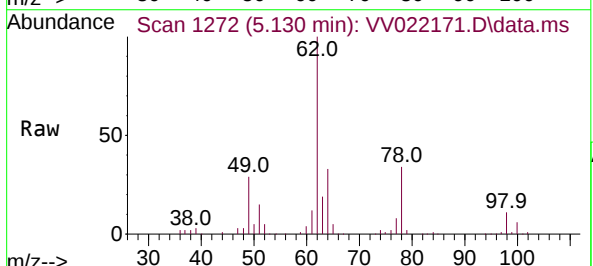
Acq: 17 Sep 2021 08:58

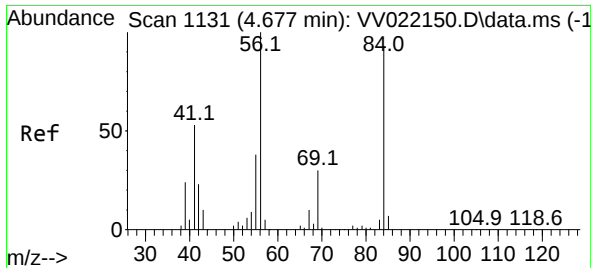
Tgt Ion: 62 Resp: 148417

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 45.551 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

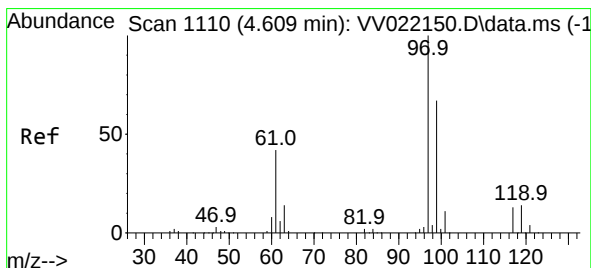
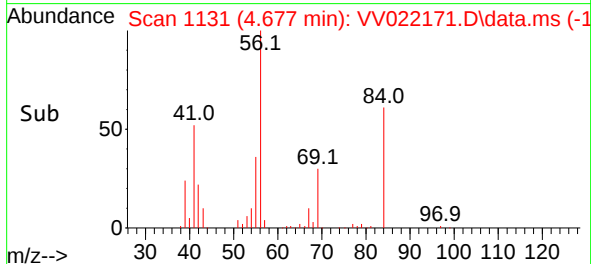
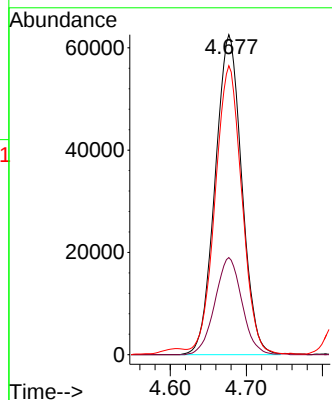
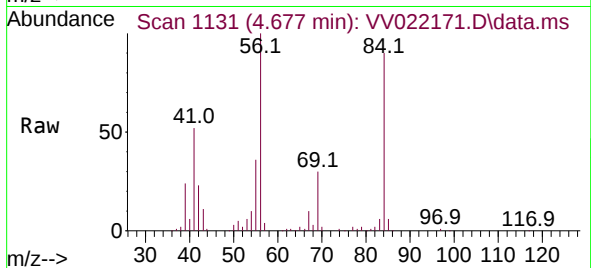
Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 56 Resp: 152237

Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.2	37.8
84	90.4	74.6	111.8



#30

1,1,1-Trichloroethane

Concen: 50.463 ug/L

RT: 4.606 min Scan# 1109

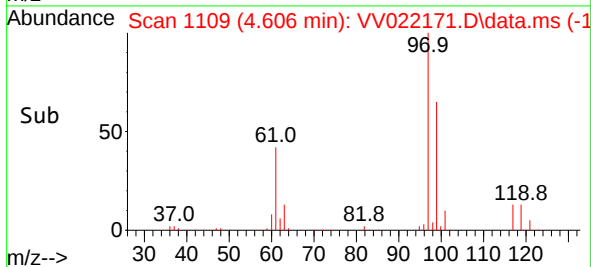
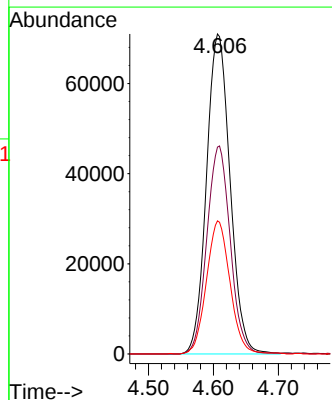
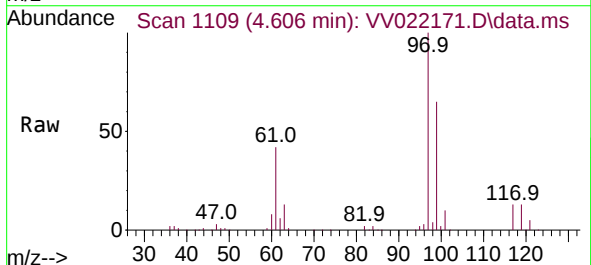
Delta R.T. -0.003 min

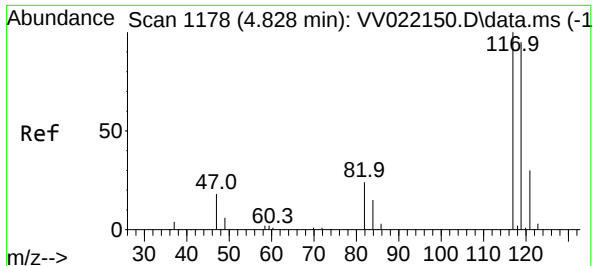
Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Tgt Ion: 97 Resp: 179311

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	41.5	31.8	47.8

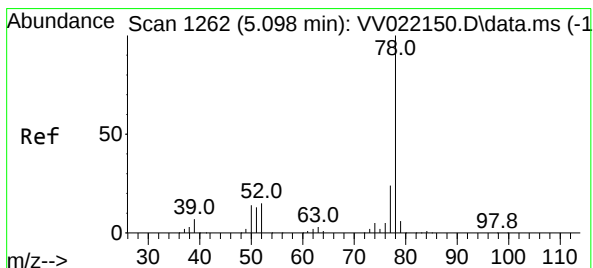
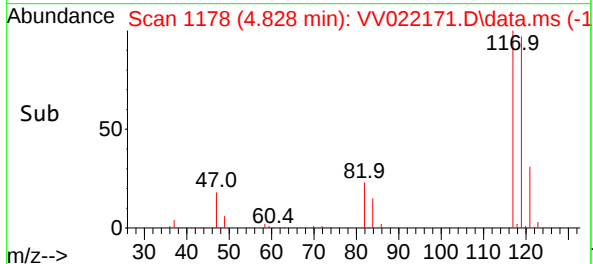
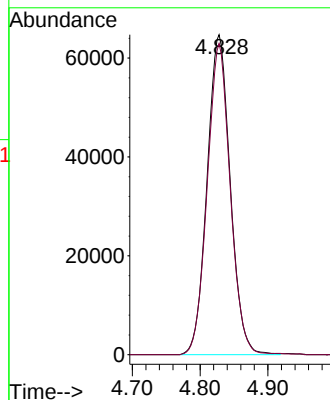
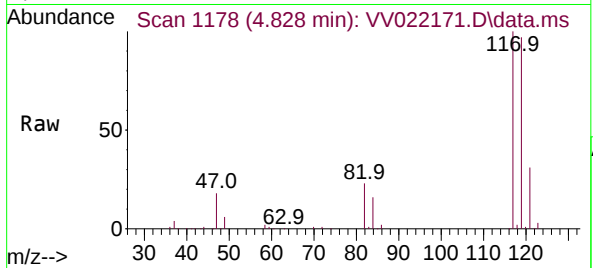




#31
Carbon tetrachloride
Concen: 50.332 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

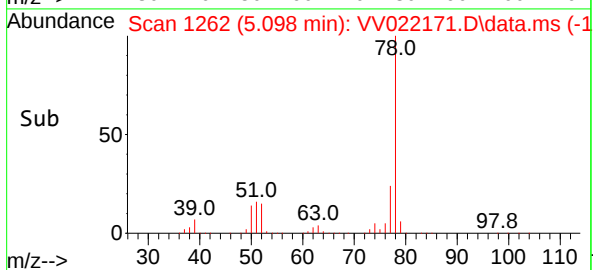
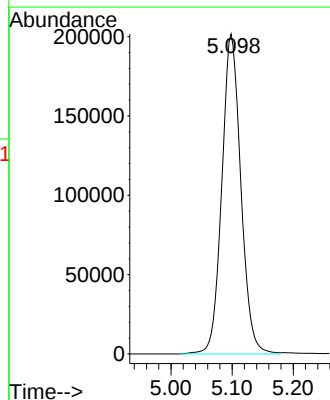
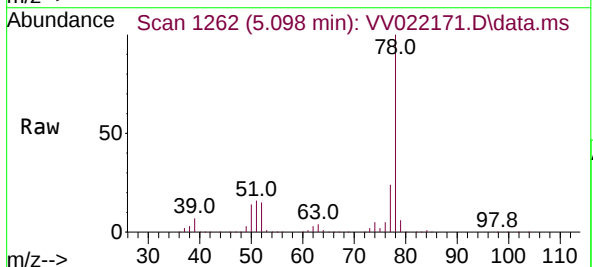
Instrument :
MSVOA_V
ClientSampled :

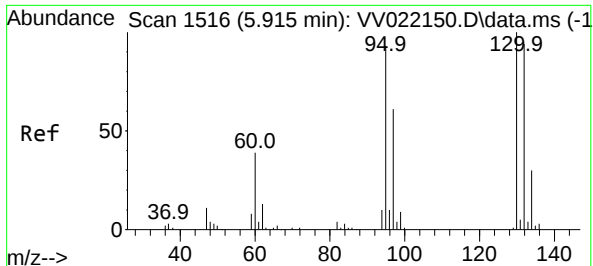
Tgt Ion:117 Resp: 153656
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 50.131 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 78 Resp: 436065





#34

Trichloroethene

Concen: 47.412 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Tgt Ion: 95 Resp: 116819

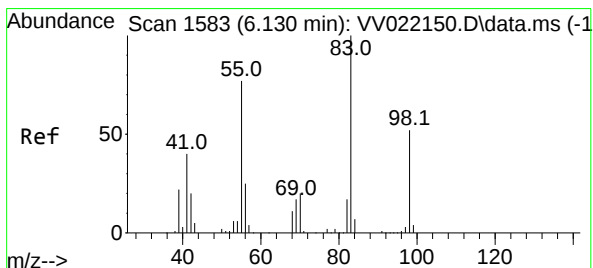
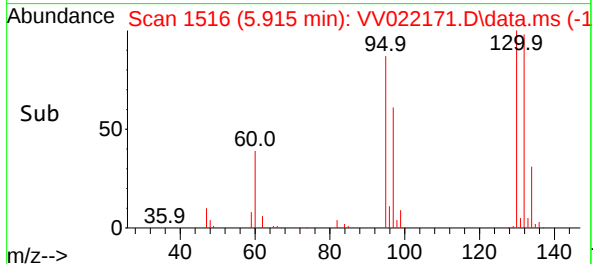
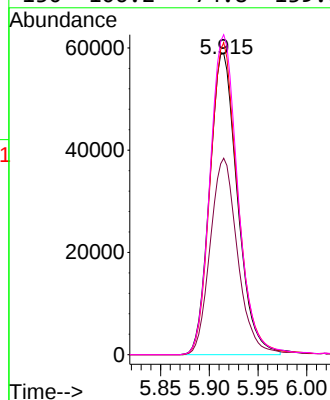
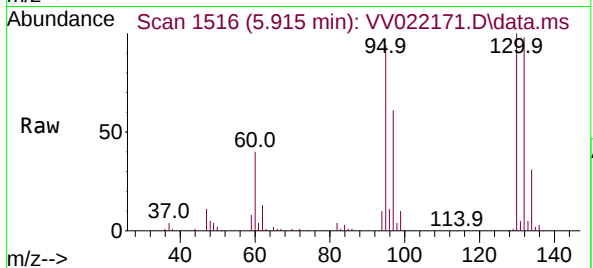
Ion Ratio Lower Upper

95 100

97 65.2 44.1 81.9

132 103.6 70.7 131.3

130 106.2 74.8 139.0



#35

Methylcyclohexane

Concen: 45.819 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

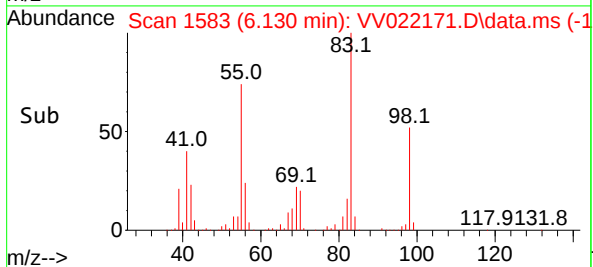
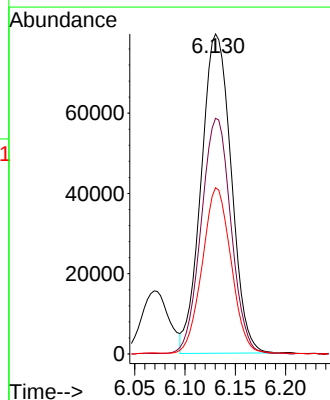
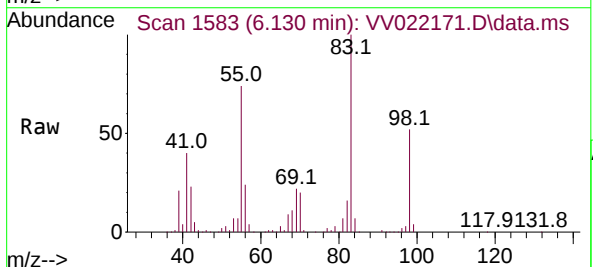
Tgt Ion: 83 Resp: 165038

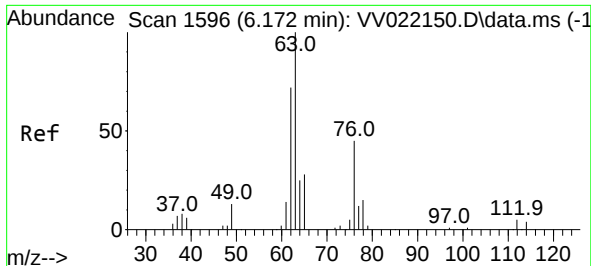
Ion Ratio Lower Upper

83 100

55 73.4 56.8 85.2

98 49.8 39.9 59.9

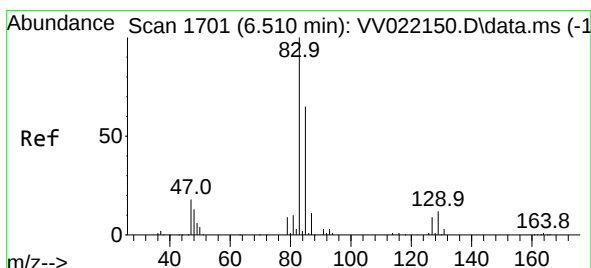
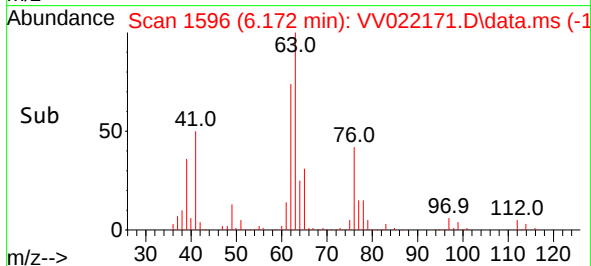
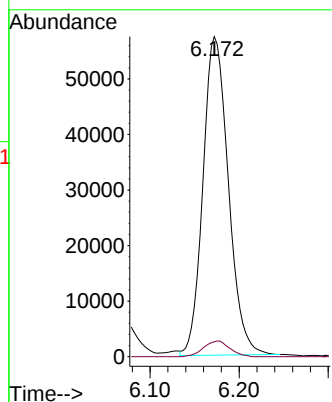
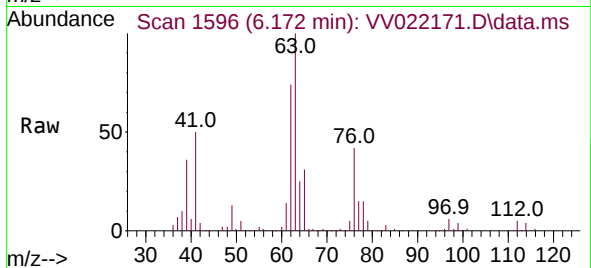




#37
1,2-Dichloropropane
Concen: 50.400 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

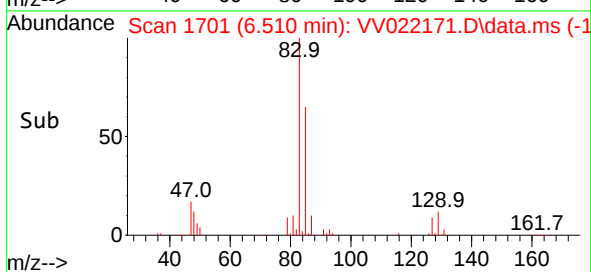
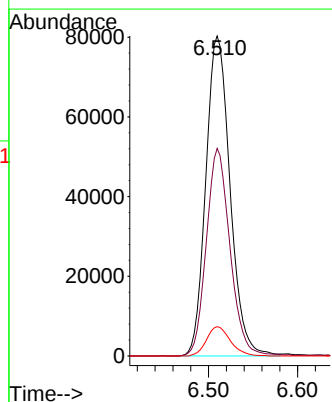
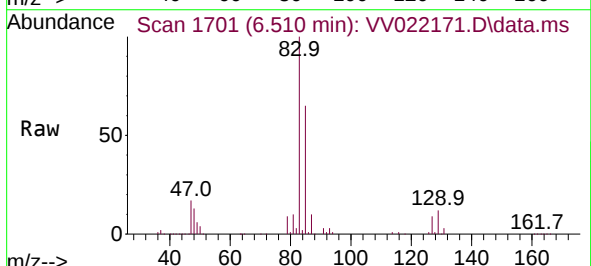
Instrument :
MSVOA_V
ClientSampleId :

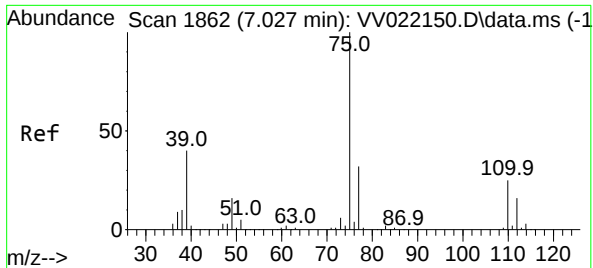
Tgt Ion: 63 Resp: 113642
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6



#38
Bromodichloromethane
Concen: 52.637 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 83 Resp: 151779
Ion Ratio Lower Upper
83 100
85 64.9 44.8 83.2
127 9.2 7.3 10.9

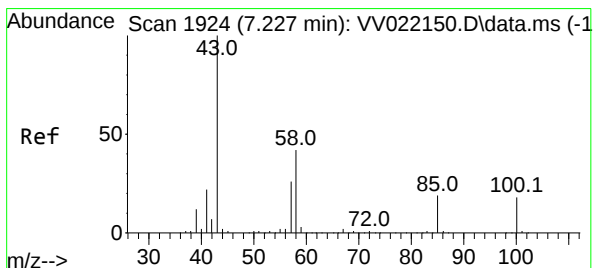
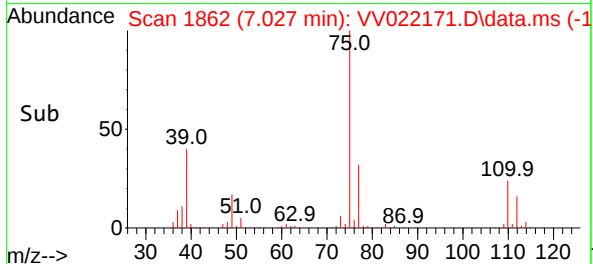
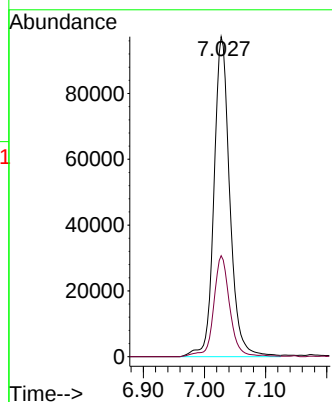
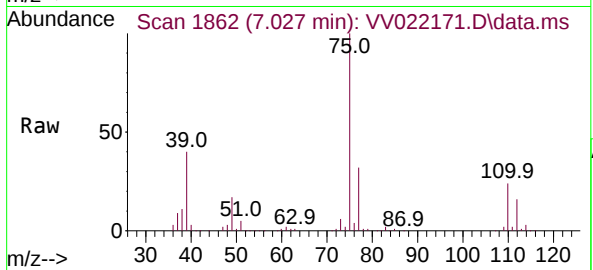




#39
 cis-1,3-Dichloropropene
 Concen: 50.444 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV022171.D
 Acq: 17 Sep 2021 08:58

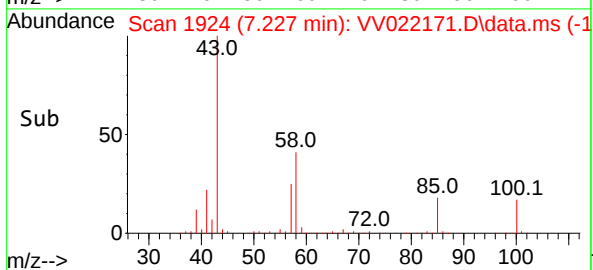
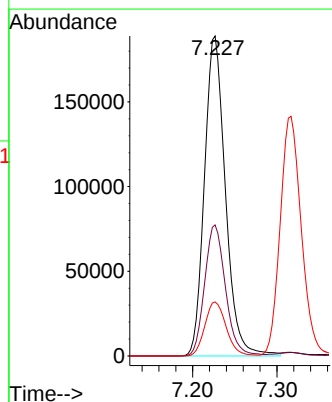
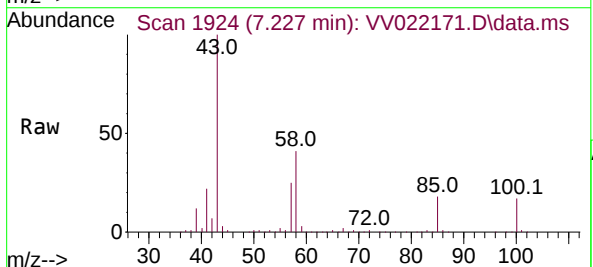
Instrument :
 MSVOA_V
 ClientSampled :

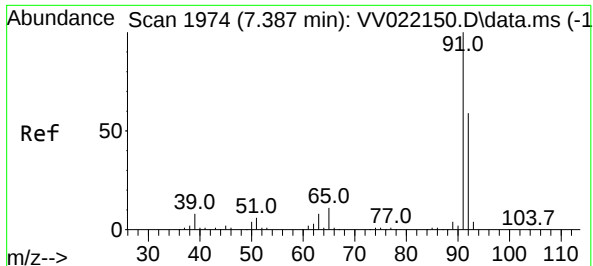
Tgt Ion: 75 Resp: 175608
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 107.207 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022171.D
 Acq: 17 Sep 2021 08:58

Tgt Ion: 43 Resp: 327713
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.3 49.9
 100 17.2 14.5 21.7

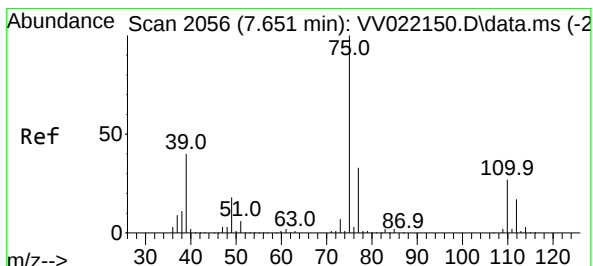
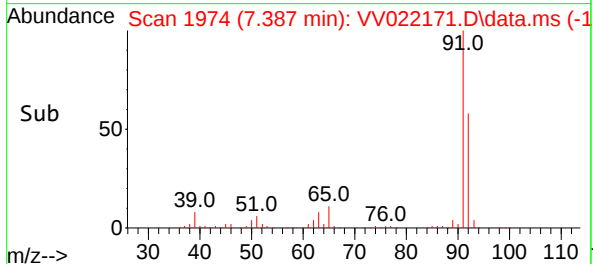
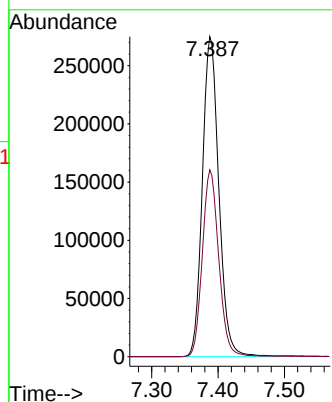
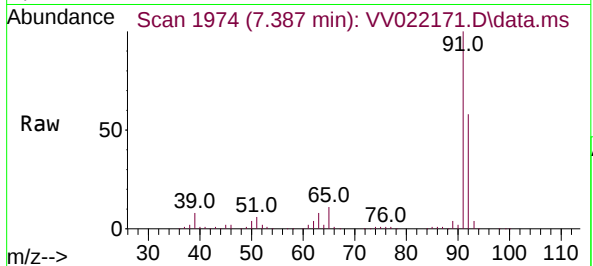




#42
Toluene
Concen: 50.530 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

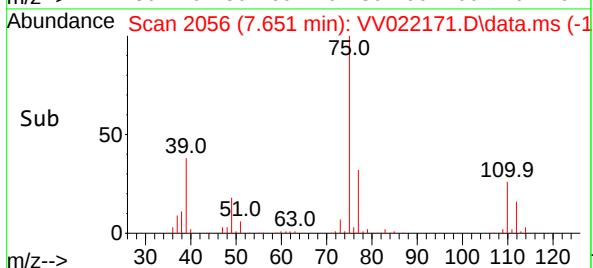
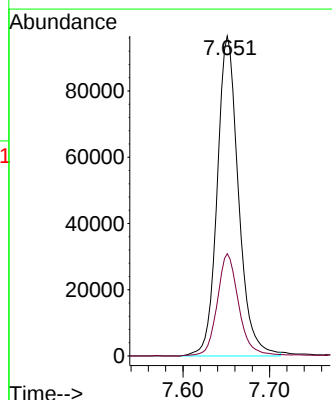
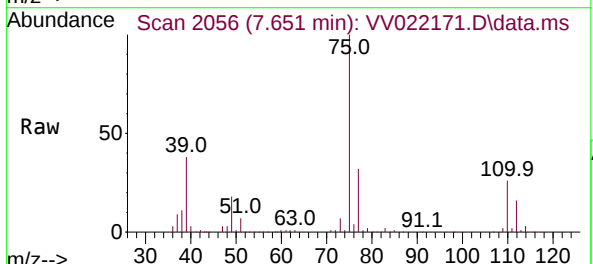
Instrument :
MSVOA_V
ClientSampled :

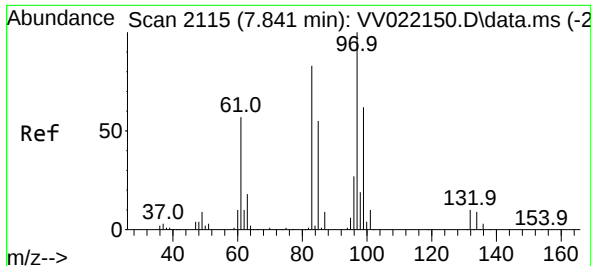
Tgt Ion: 91 Resp: 474385
Ion Ratio Lower Upper
91 100
92 58.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 50.970 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 75 Resp: 165141
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6



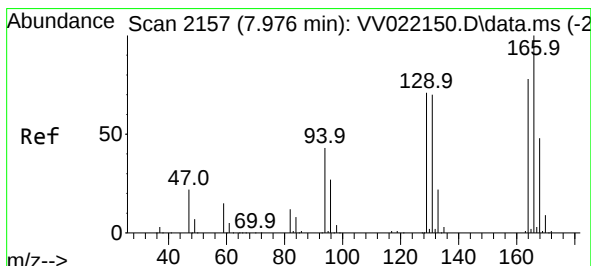
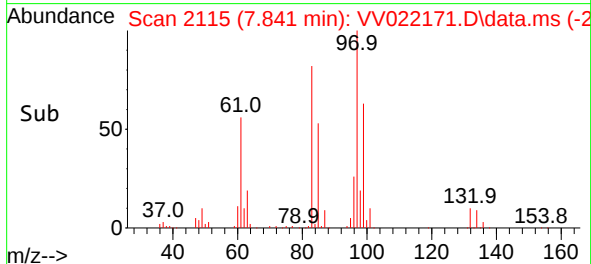
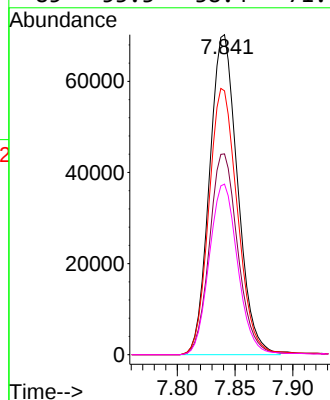
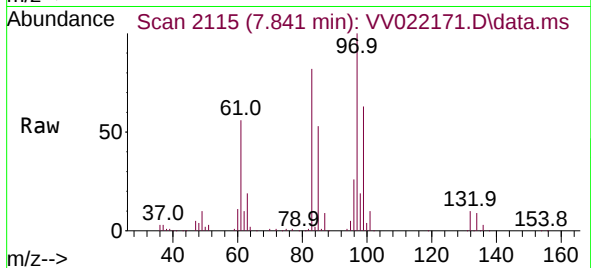


#45

1,1,2-Trichloroethane
Concen: 51.801 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Instrument :
MSVOA_V
ClientSampled :

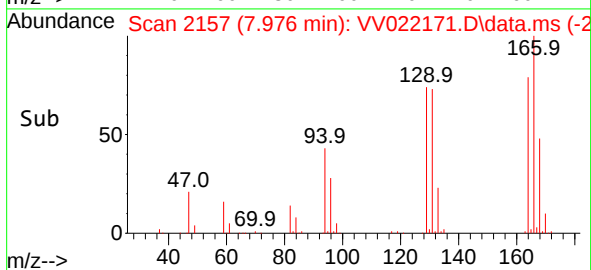
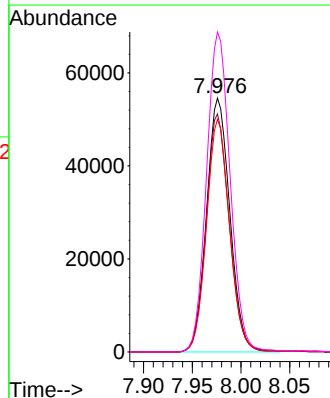
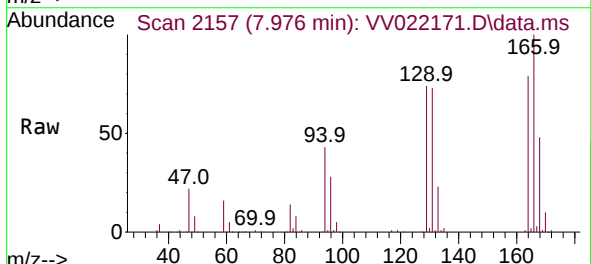
Tgt Ion:	97	Resp:	118843
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.4
83	82.5	58.8	109.2
85	53.3	38.4	71.4

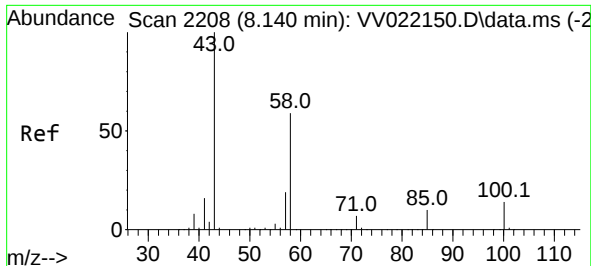


#46

Tetrachloroethene
Concen: 47.525 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion:	164	Resp:	91051
Ion	Ratio	Lower	Upper
164	100		
129	93.8	62.9	116.9
131	91.6	61.0	113.4
166	126.0	90.6	168.3



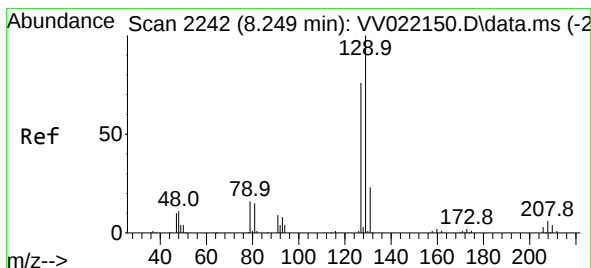
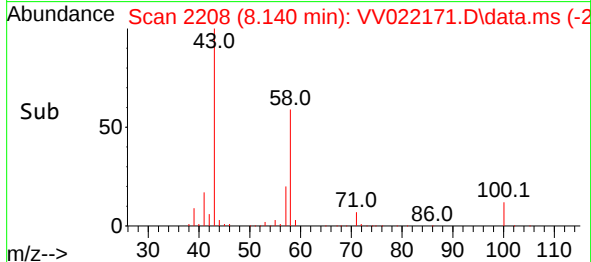
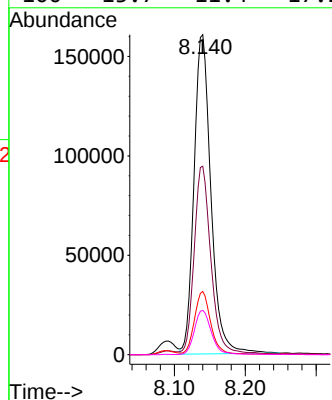
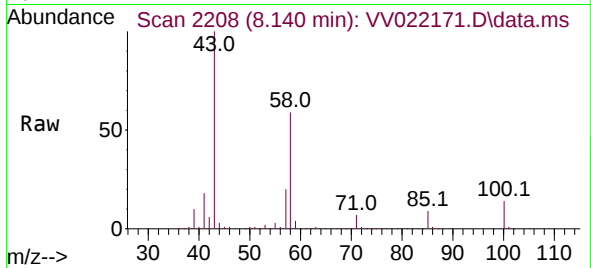


#48
2-Hexanone
Concen: 112.574 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 267000

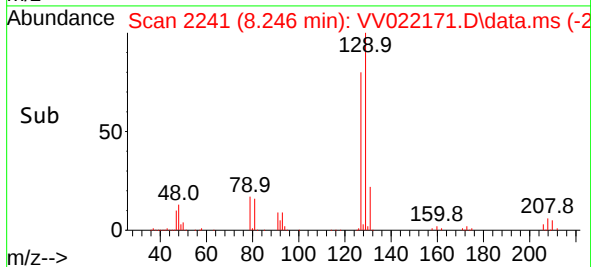
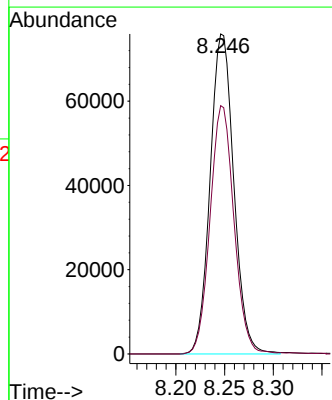
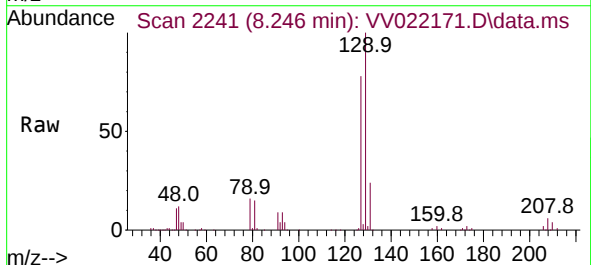
Ion	Ratio	Lower	Upper
43	100		
58	57.0	47.5	71.3
57	18.7	15.9	23.9
100	13.7	11.4	17.2

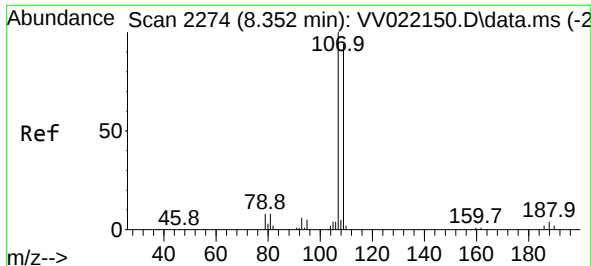


#49
Dibromochloromethane
Concen: 52.285 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 129 Resp: 128399

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.1	100.5





#50

1,2-Dibromoethane

Concen: 50.554 ug/L

RT: 8.352 min Scan# 2274

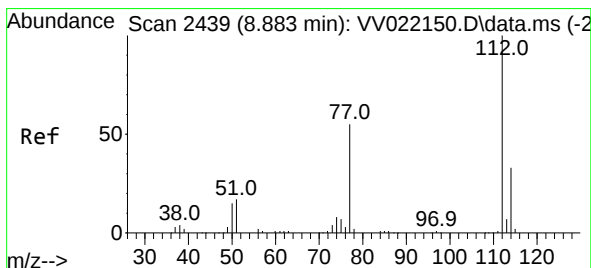
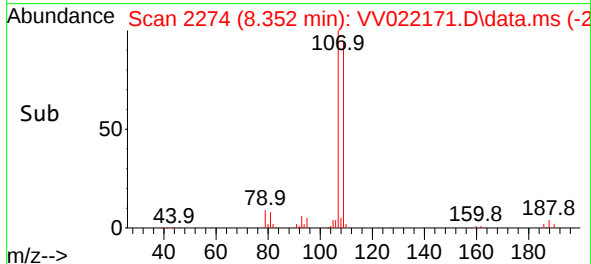
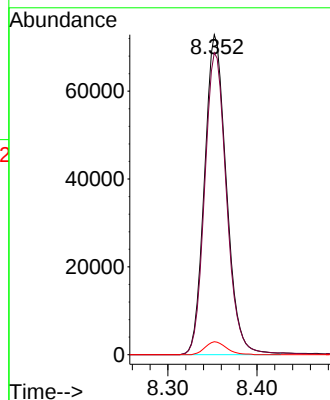
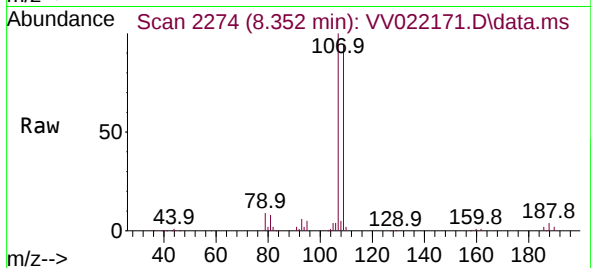
Delta R.T. -0.000 min

Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	124476
Ion	Ratio	Lower	Upper
107	100		
109	94.3	65.5	121.6
188	4.1	3.2	4.8



#51

Chlorobenzene

Concen: 50.045 ug/L

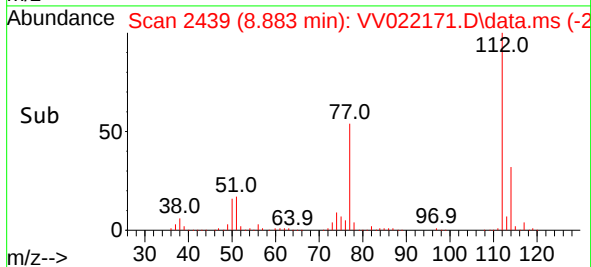
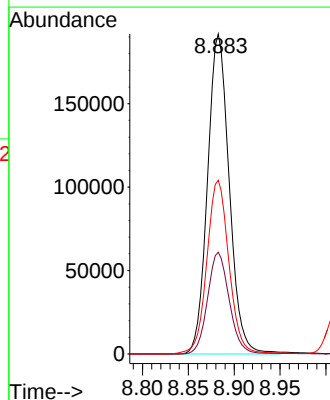
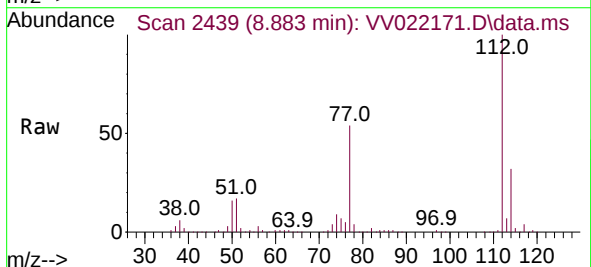
RT: 8.883 min Scan# 2439

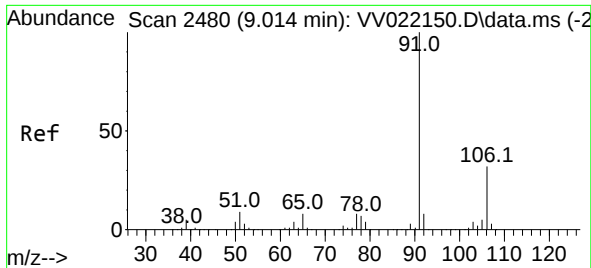
Delta R.T. -0.000 min

Lab File: VV022171.D

Acq: 17 Sep 2021 08:58

Tgt Ion:	112	Resp:	315882
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	41.0
77	54.3	43.2	64.8

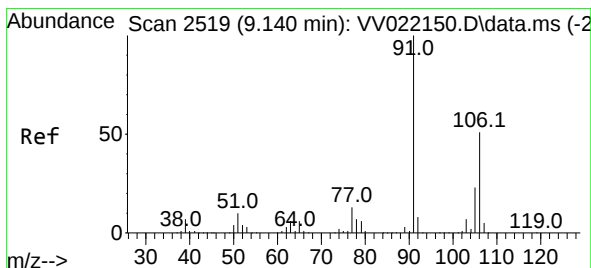
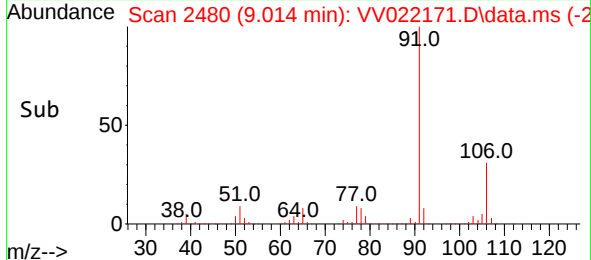
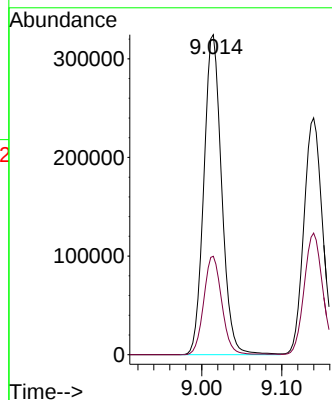
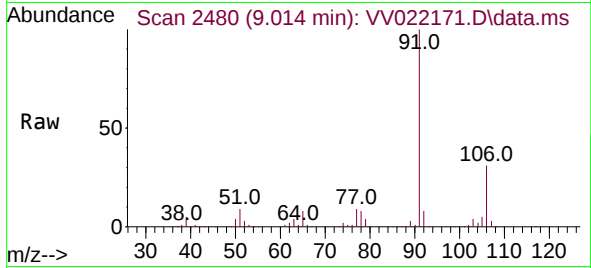




#52
Ethylbenzene
Concen: 49.523 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

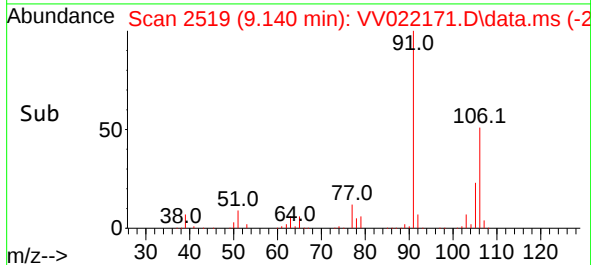
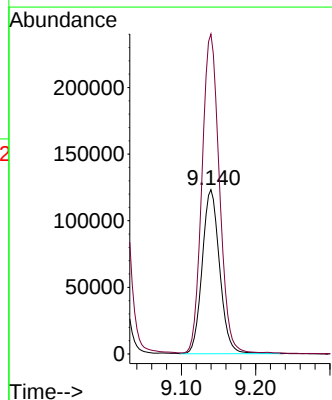
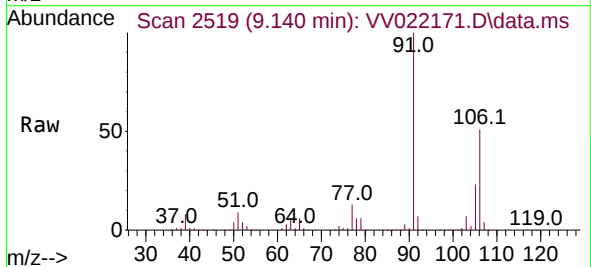
Instrument :
MSVOA_V
ClientSampled :

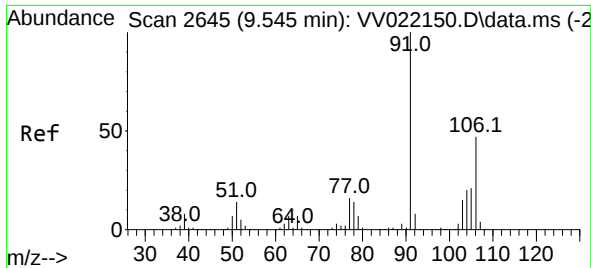
Tgt Ion: 91 Resp: 503291
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 50.639 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 106 Resp: 200031
Ion Ratio Lower Upper
106 100
91 194.8 139.1 258.3

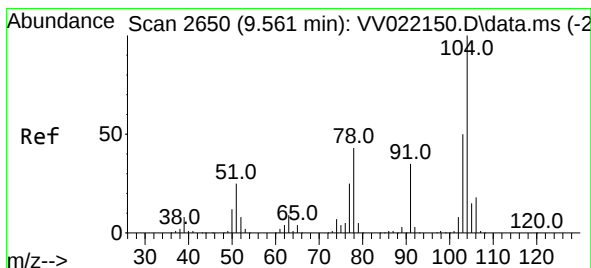
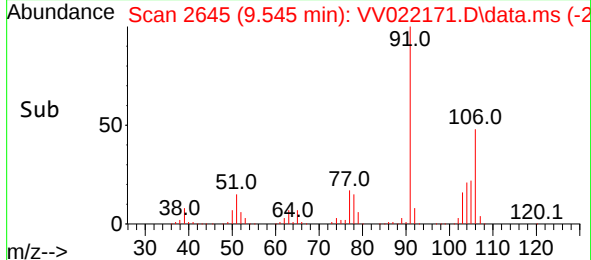
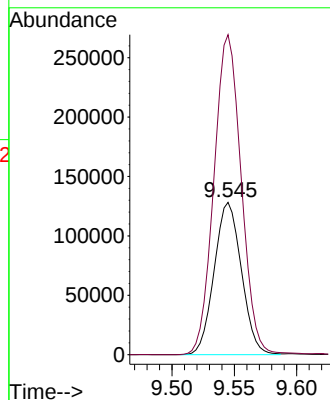
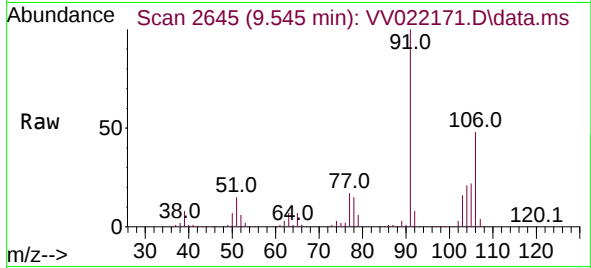




#54
o-Xylene
Concen: 49.931 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

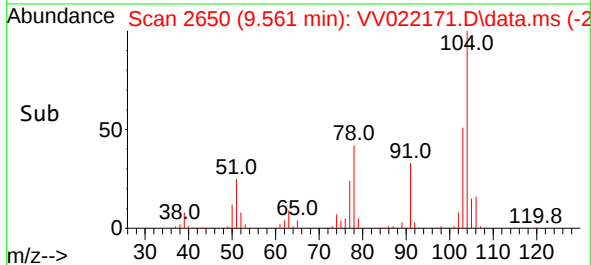
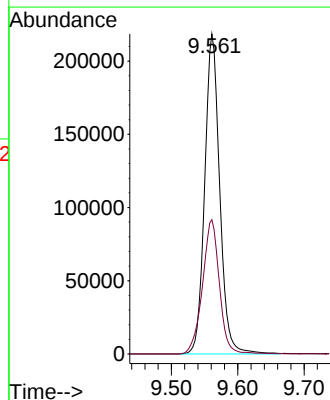
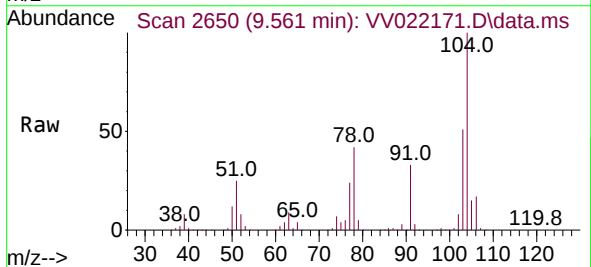
Instrument :
MSVOA_V
ClientSampled :

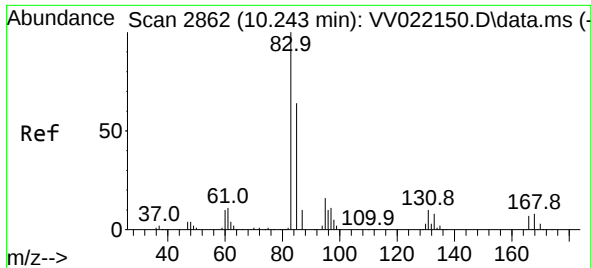
Tgt Ion:106 Resp: 195149
Ion Ratio Lower Upper
106 100
91 210.0 150.1 278.9



#55
Styrene
Concen: 51.589 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion:104 Resp: 344100
Ion Ratio Lower Upper
104 100
78 41.9 28.6 53.2

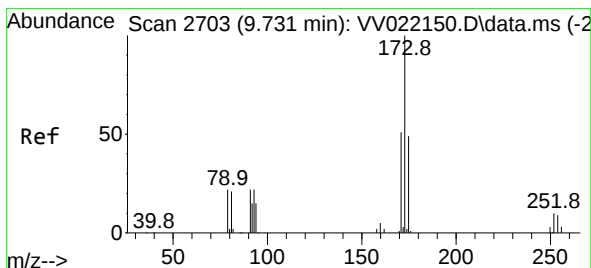
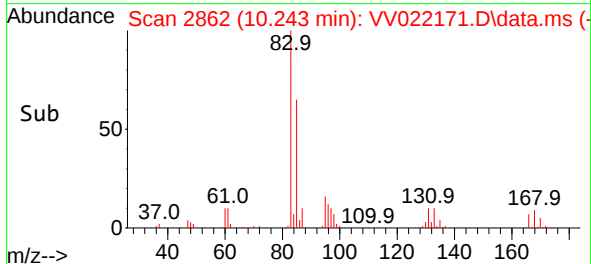
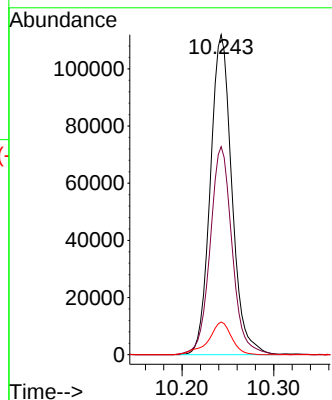
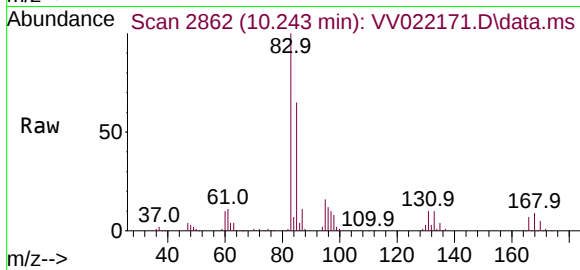




#57
1,1,2,2-Tetrachloroethane
Concen: 55.032 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

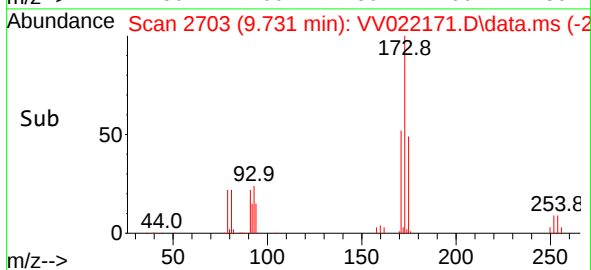
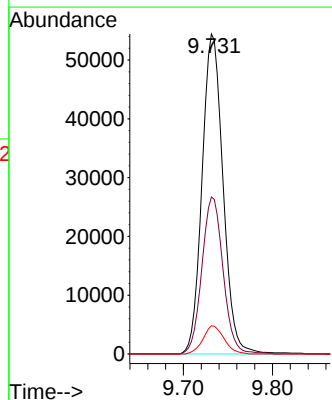
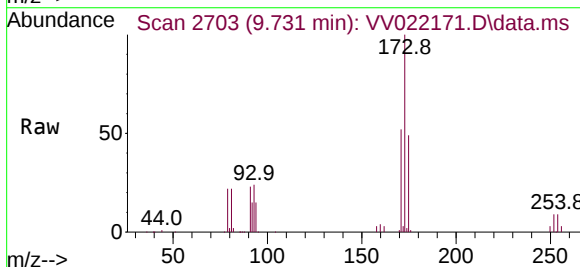
Instrument :
MSVOA_V
ClientSampled :

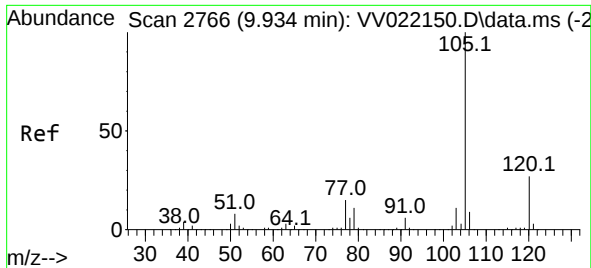
Tgt Ion: 83 Resp: 182931
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
131 10.2 8.2 12.2



#59
Bromoform
Concen: 51.568 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 173 Resp: 88953
Ion Ratio Lower Upper
173 100
175 49.4 38.8 58.2
254 8.8 7.0 10.4

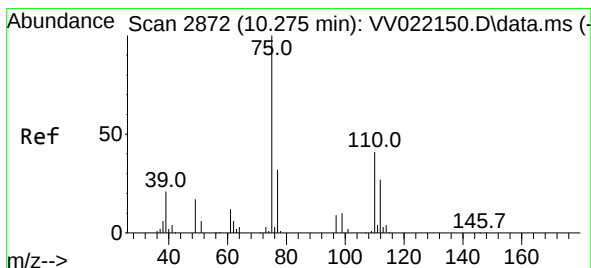
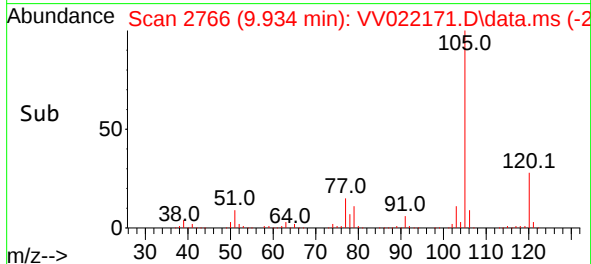
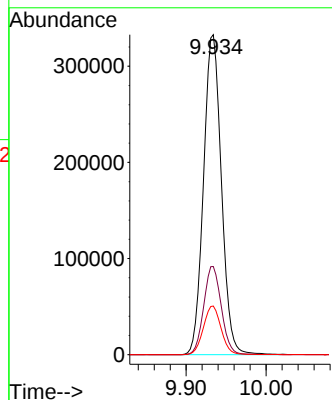
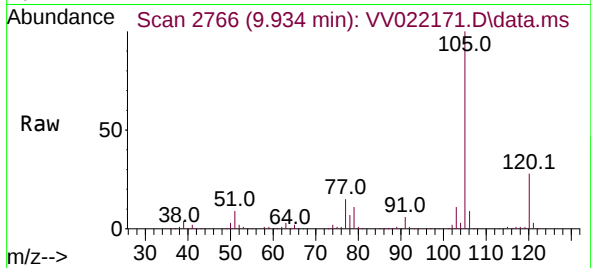




#60
Isopropylbenzene
Concen: 50.817 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

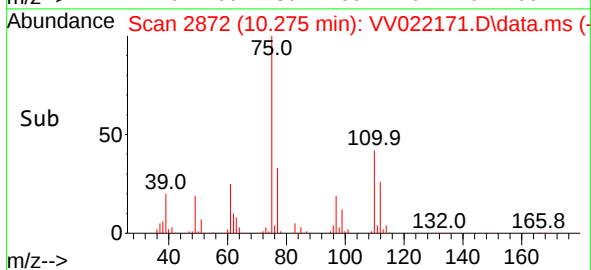
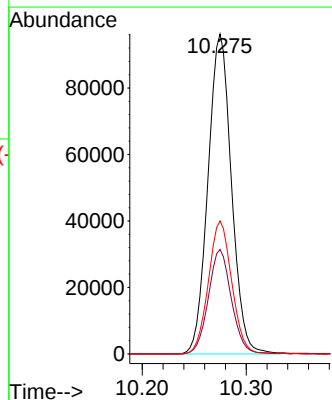
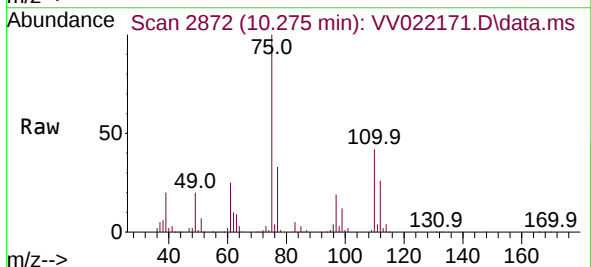
Instrument :
MSVOA_V
ClientSampled :

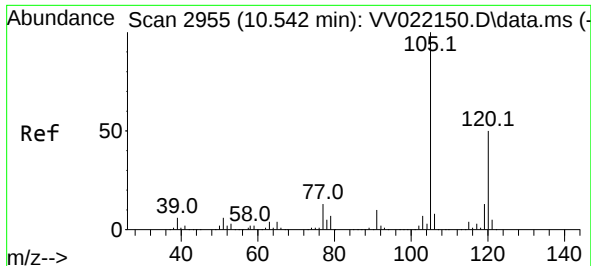
Tgt Ion:105 Resp: 518598
Ion Ratio Lower Upper
105 100
120 27.2 21.5 32.3
77 15.2 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 53.609 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 75 Resp: 150900
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 41.4 33.8 50.6

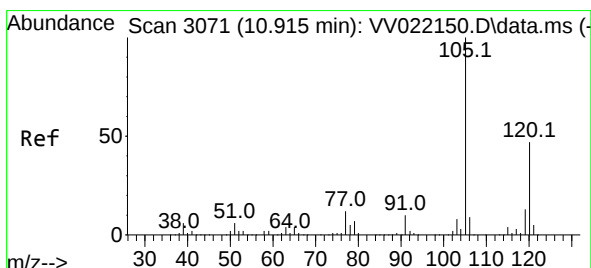
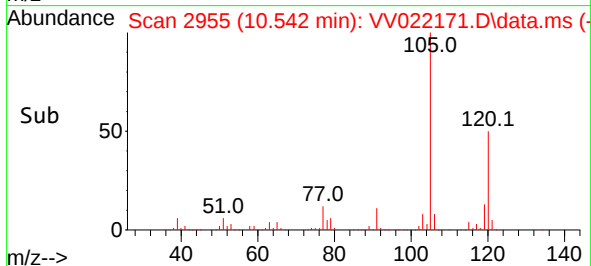
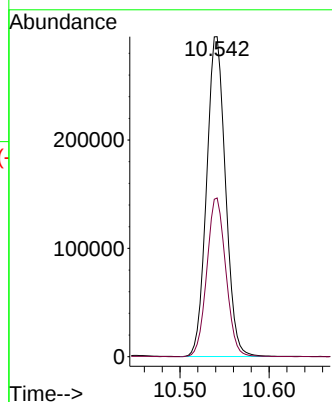
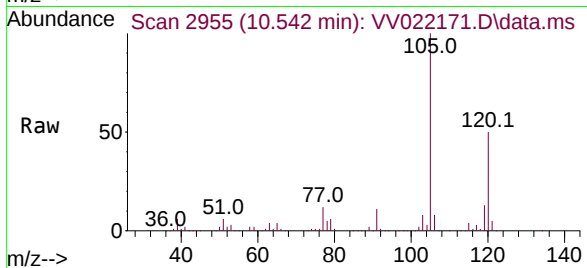




#62
1,3,5-Trimethylbenzene
Concen: 50.701 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

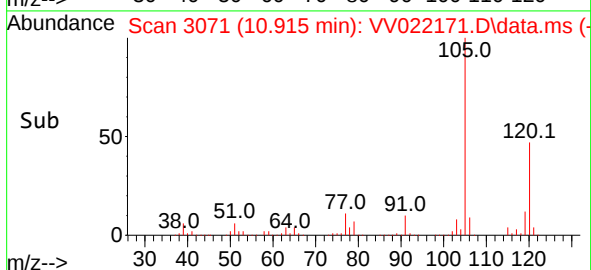
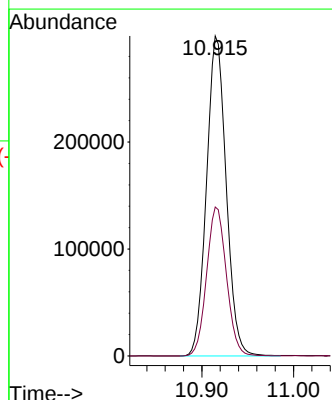
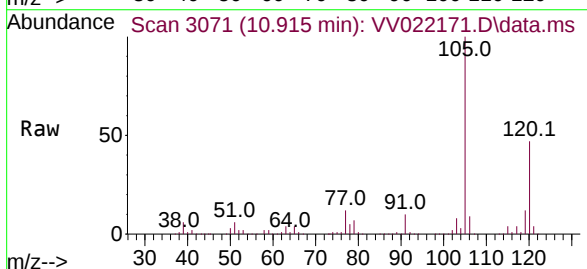
Instrument :
MSVOA_V
ClientSampled :

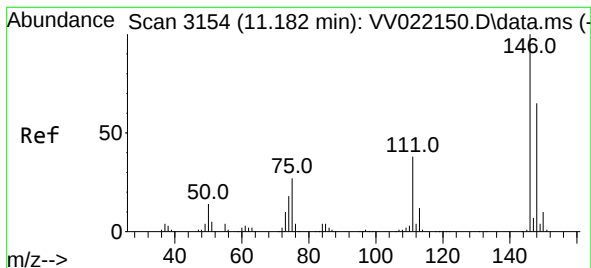
Tgt Ion:105 Resp: 434383
Ion Ratio Lower Upper
105 100
120 49.9 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 51.100 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion:105 Resp: 444997
Ion Ratio Lower Upper
105 100
120 47.0 37.4 56.0

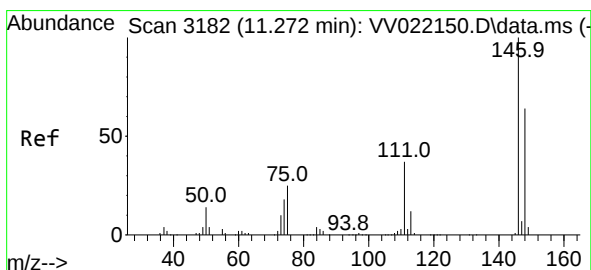
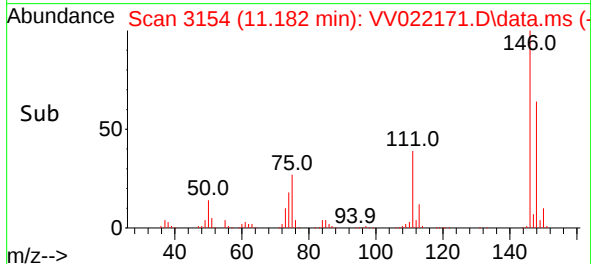
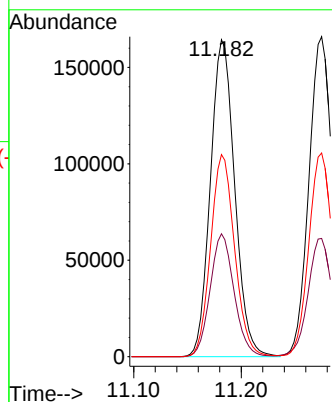
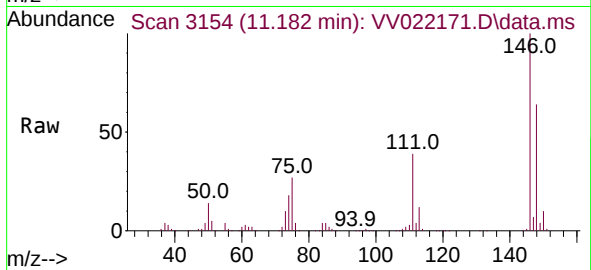




#64
1,3-Dichlorobenzene
Concen: 49.789 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

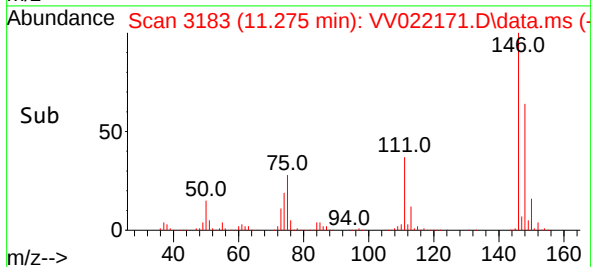
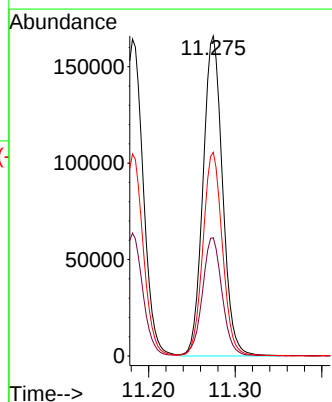
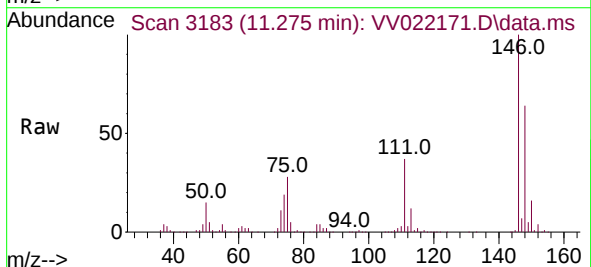
Instrument :
MSVOA_V
ClientSampleId :

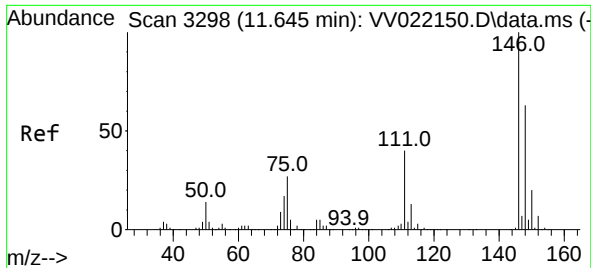
Tgt Ion:146 Resp: 257982
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 63.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 49.070 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion:146 Resp: 260172
Ion Ratio Lower Upper
146 100
111 36.9 25.3 46.9
148 63.7 44.4 82.5

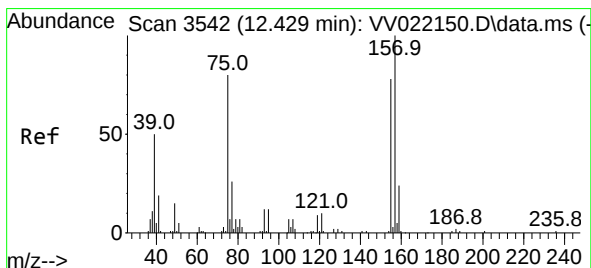
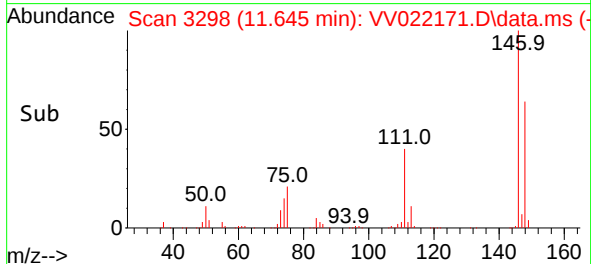
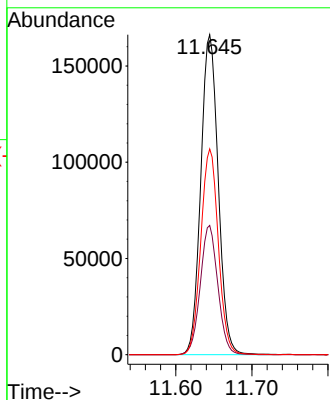
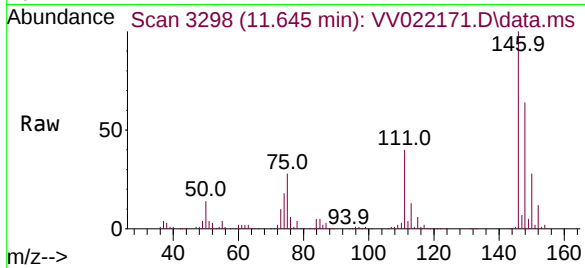




#67
1,2-Dichlorobenzene
Concen: 51.497 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

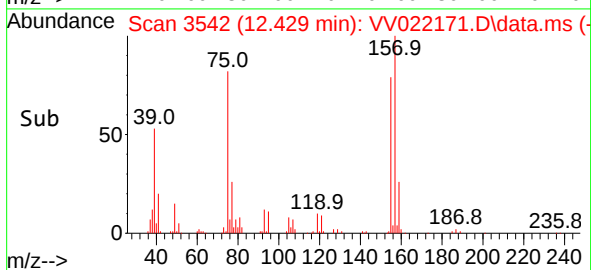
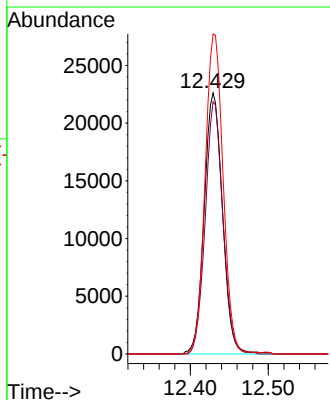
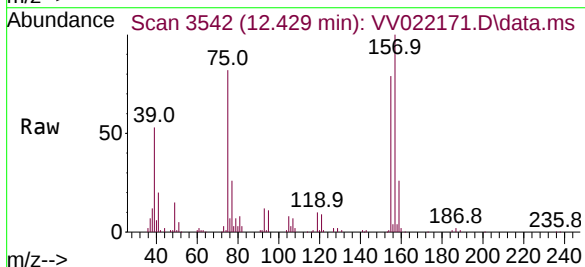
Instrument :
MSVOA_V
ClientSampleId :

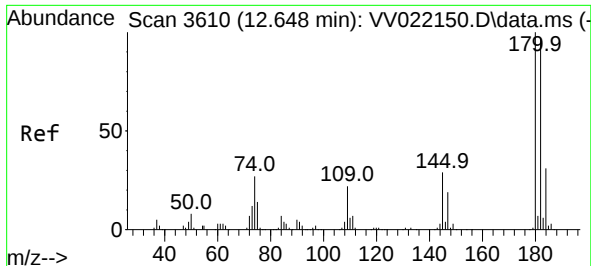
Tgt Ion:146 Resp: 264945
Ion Ratio Lower Upper
146 100
111 40.4 31.6 47.4
148 64.3 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 54.480 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion: 75 Resp: 36959
Ion Ratio Lower Upper
75 100
155 96.7 79.8 119.6
157 122.6 98.3 147.5

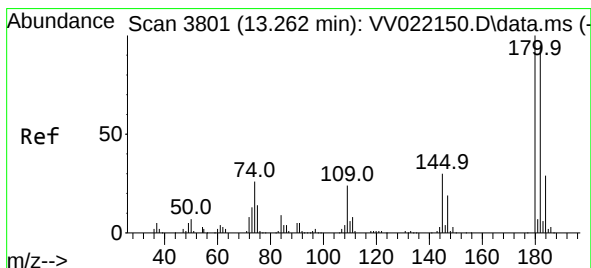
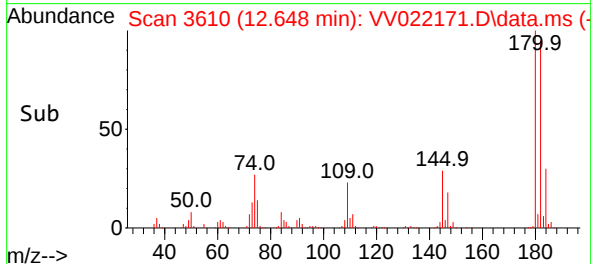
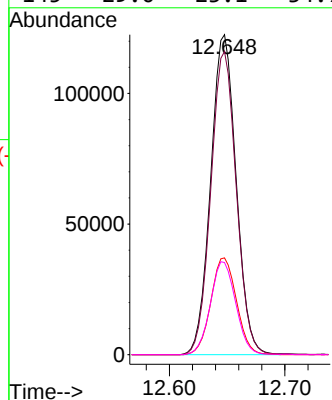
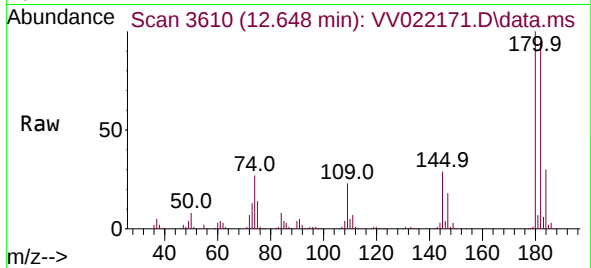




#69
1,3,5-Trichlorobenzene
Concen: 48.480 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

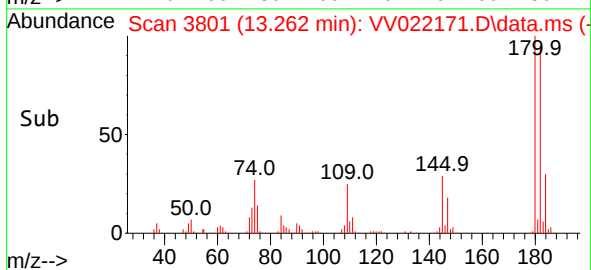
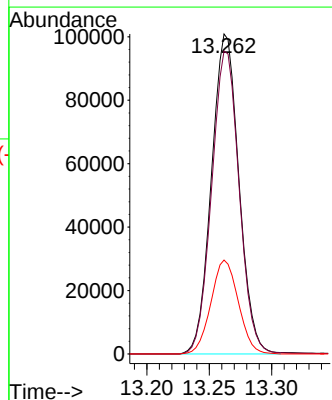
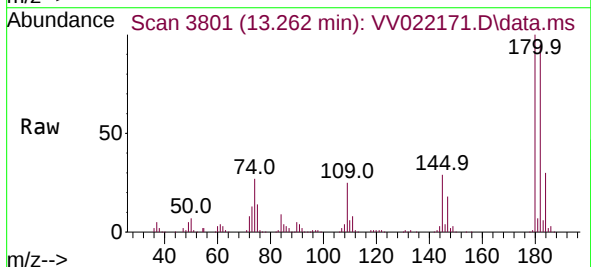
Instrument :
MSVOA_V
ClientSampled :

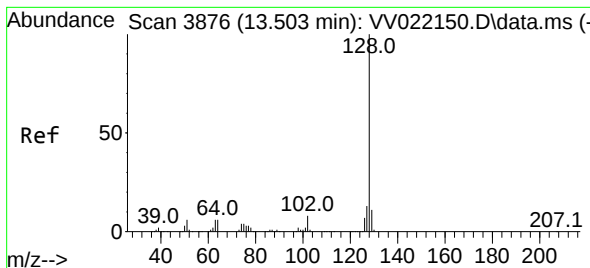
Tgt Ion:180 Resp: 187833
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
184 30.5 24.0 36.0
145 29.0 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 45.414 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

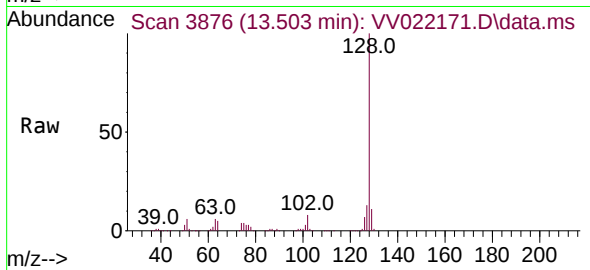
Tgt Ion:180 Resp: 154783
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 29.3 23.8 35.6



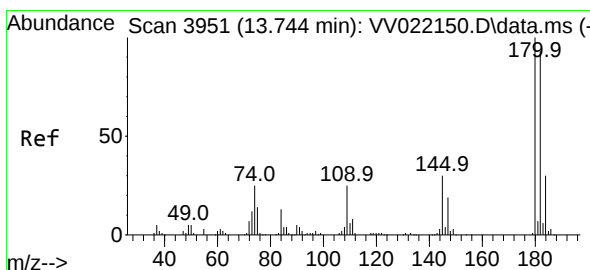
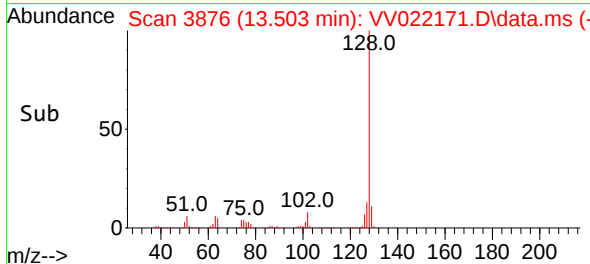
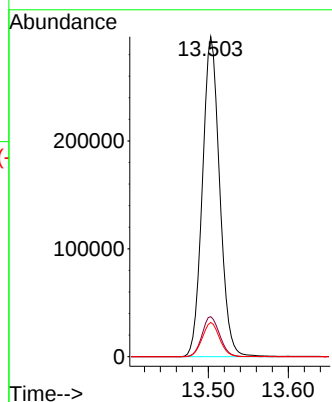


#71
Naphthalene
Concen: 45.525 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:128 Resp: 446331
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.635 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022171.D
Acq: 17 Sep 2021 08:58

Tgt Ion:180 Resp: 158354
Ion Ratio Lower Upper
180 100
182 95.9 76.3 114.5
145 31.8 25.4 38.0

