

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022093.D
 Acq On : 02 Sep 2021 23:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 01:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	368845	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	347220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	177712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108449	42.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.920%
7) Chloroethane-d5	1.564	69	88534	44.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	2.105	63	199705	47.275	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.540%
21) 2-Butanone-d5	3.896	46	194289	110.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.910%
24) Chloroform-d	4.349	84	223714	48.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
26) 1,2-Dichloroethane-d4	5.034	65	135079	49.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
32) Benzene-d6	5.050	84	452110	48.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	6.072	67	141947	47.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.860%
41) Toluene-d8	7.317	98	415447	46.731	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
43) trans-1,3-Dichloroprop...	7.625	79	64134	45.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
47) 2-Hexanone-d5	8.091	63	133583	117.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.550%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	198501	52.331	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.660%
66) 1,2-Dichlorobenzene-d4	11.625	152	167357	47.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	100815	39.763	ug/L	99
3) Chloromethane	1.240	50	104760	39.021	ug/L	100
5) Vinyl chloride	1.307	62	112438	41.552	ug/L	99
6) Bromomethane	1.519	94	71611	44.017	ug/L	100
8) Chloroethane	1.584	64	72396	42.768	ug/L	98
9) Trichlorofluoromethane	1.751	101	165490	42.947	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101990	45.125	ug/L	100
12) 1,1-Dichloroethene	2.114	96	96909	45.549	ug/L	96
13) Acetone	2.436	43	135185	92.102	ug/L	100
14) Carbon disulfide	2.291	76	259080	40.357	ug/L	99
15) Methyl Acetate	2.436	43	141499	49.504	ug/L	99
16) Methylene chloride	2.507	84	131699	46.202	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	113548	44.140	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	388841	47.567	ug/L	100
19) 1,1-Dichloroethane	3.188	63	214180	46.747	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	128500	44.881	ug/L	94
22) 2-Butanone	3.979	43	195763	94.884	ug/L	99
23) Bromochloromethane	4.249	128	70617	46.313	ug/L	98
25) Chloroform	4.378	83	220877	45.541	ug/L	100

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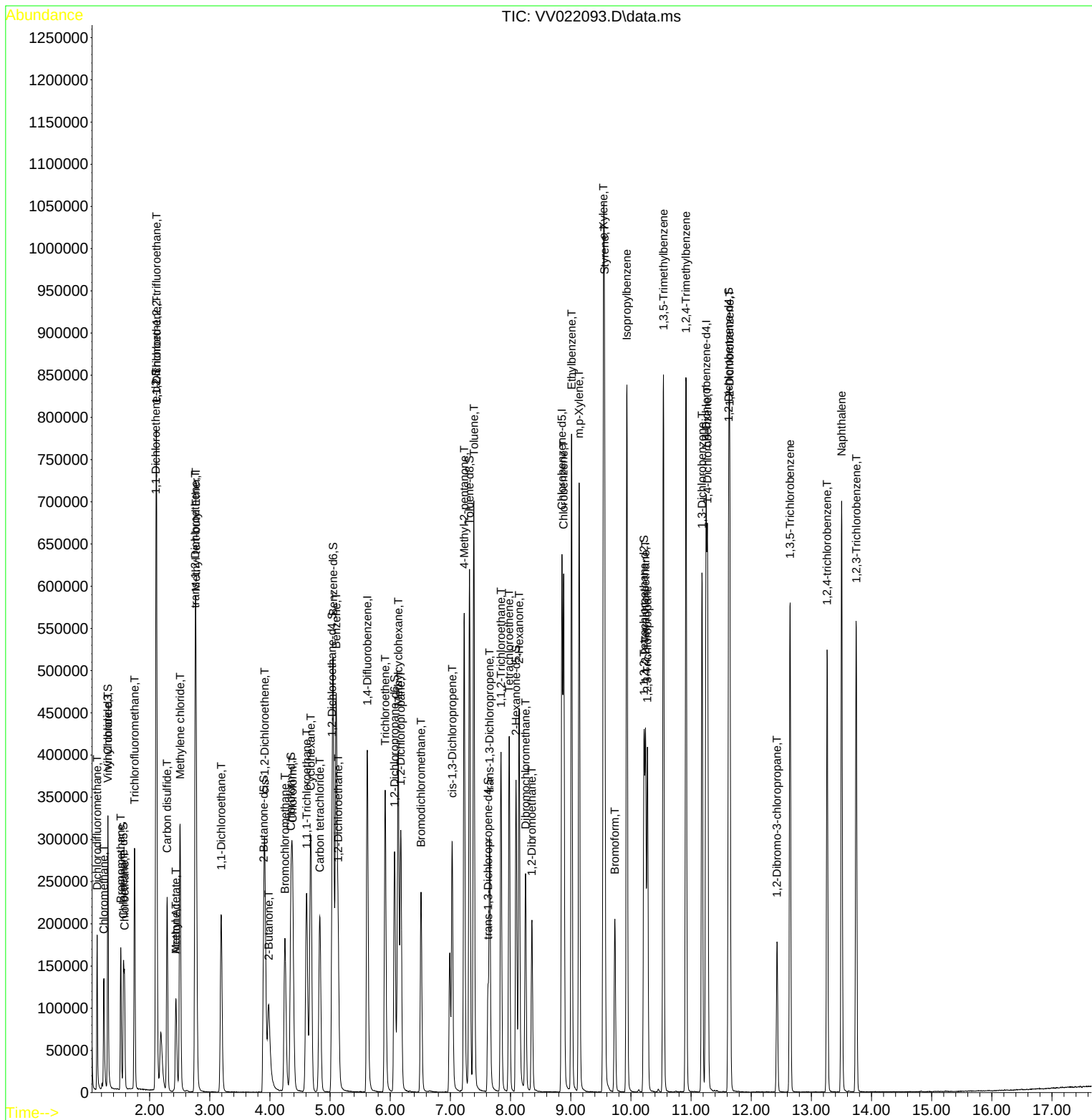
Instrument :
 MSVOA_V
 ClientSampleId :

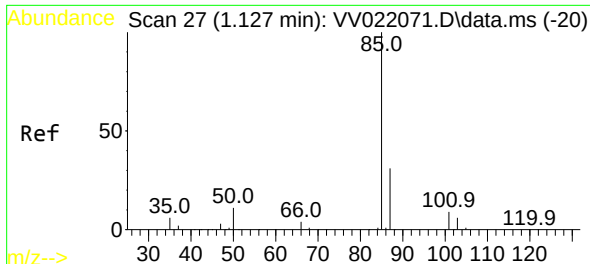
Quant Time: Sep 03 01:05:02 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	157999	48.599	ug/L	100
29) Cyclohexane	4.677	56	175773	45.286	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	192637	46.681	ug/L	98
31) Carbon tetrachloride	4.828	117	162176	45.742	ug/L	100
33) Benzene	5.101	78	473444	46.866	ug/L	100
34) Trichloroethene	5.915	95	124044	43.349	ug/L	99
35) Methylcyclohexane	6.133	83	181077	43.286	ug/L	99
37) 1,2-Dichloropropane	6.175	63	124557	47.565	ug/L	100
38) Bromodichloromethane	6.513	83	157908	47.153	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	184820	45.714	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	368965	103.931	ug/L	99
42) Toluene	7.391	91	512709	47.024	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	175654	46.681	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	126340	47.417	ug/L	99
46) Tetrachloroethene	7.976	164	96807	43.509	ug/L	97
48) 2-Hexanone	8.143	43	285233	103.552	ug/L	99
49) Dibromochloromethane	8.249	129	134092	47.016	ug/L	99
50) 1,2-Dibromoethane	8.355	107	135600	47.420	ug/L	100
51) Chlorobenzene	8.882	112	331814	45.264	ug/L	99
52) Ethylbenzene	9.014	91	538155	45.596	ug/L	99
53) m,p-Xylene	9.140	106	206871	45.094	ug/L	99
54) o-Xylene	9.545	106	212162	46.741	ug/L	98
55) Styrene	9.561	104	360850	46.583	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	199128	51.581	ug/L	98
59) Bromoform	9.735	173	92938	49.239	ug/L	99
60) Isopropylbenzene	9.934	105	550696	49.316	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	160133	51.991	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	452512	48.269	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	461862	48.471	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	258604	45.612	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	257885	44.451	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	263143	46.743	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	40720	54.856	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	187242	44.167	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	160368	43.002	ug/L	100
71) Naphthalene	13.503	128	540116	50.347	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	169648	46.639	ug/L	100

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

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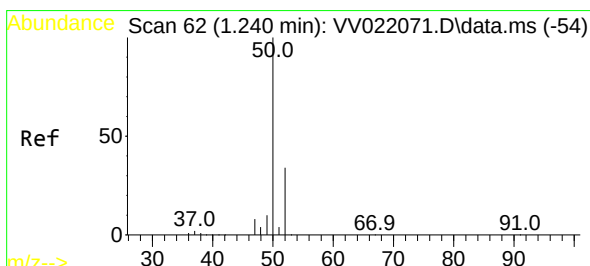
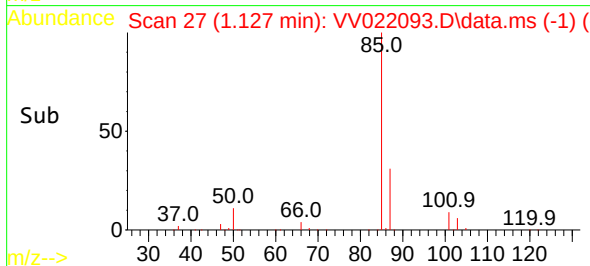
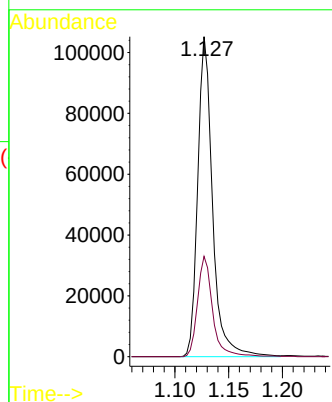
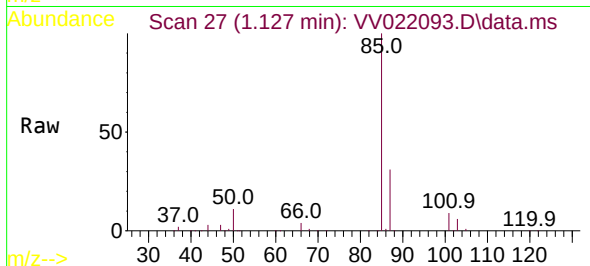




#2
Dichlorodifluoromethane
Concen: 39.763 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

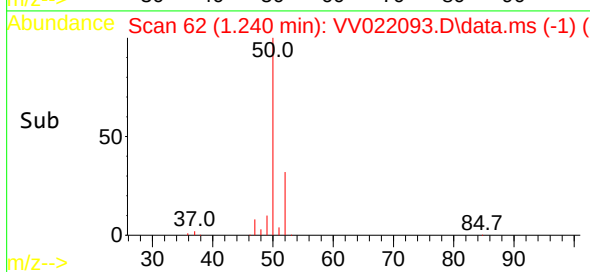
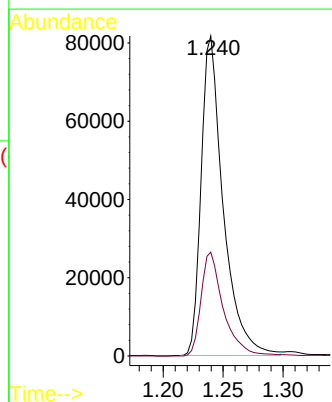
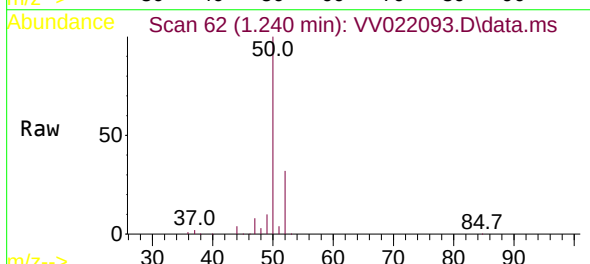
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MSVOA_V
ClientSampled :

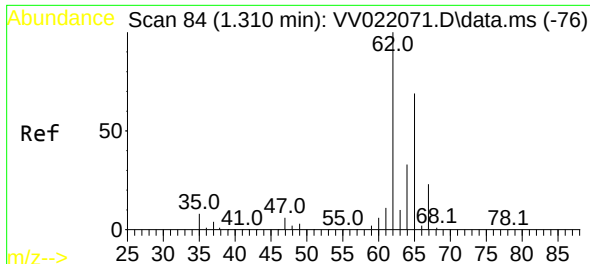
Tgt Ion: 85 Resp: 100815
Ion Ratio Lower Upper
85 100
87 31.8 26.0 39.0



#3
Chloromethane
Concen: 39.021 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 50 Resp: 104760
Ion Ratio Lower Upper
50 100
52 32.4 22.5 41.9

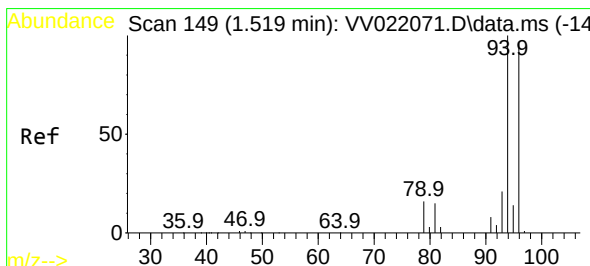
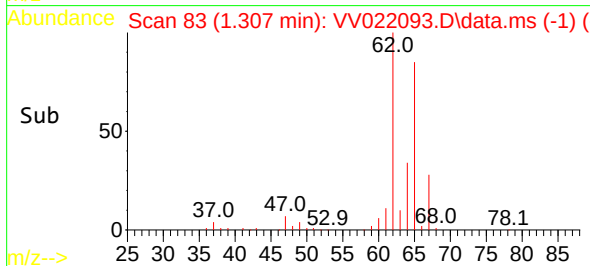
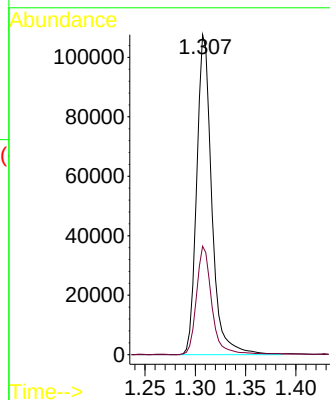
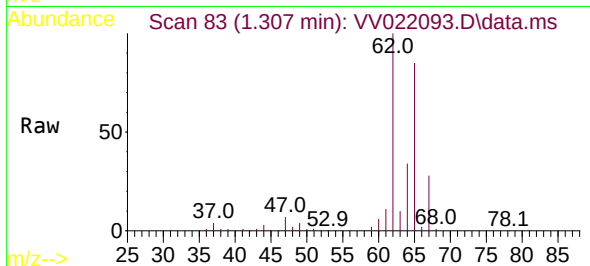




#5
 Vinyl chloride
 Concen: 41.552 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022093.D
 Acq: 02 Sep 2021 23:02

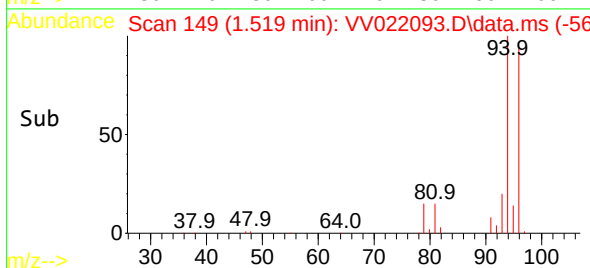
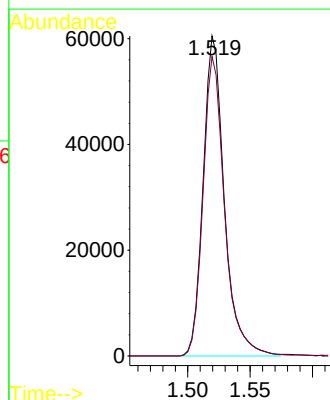
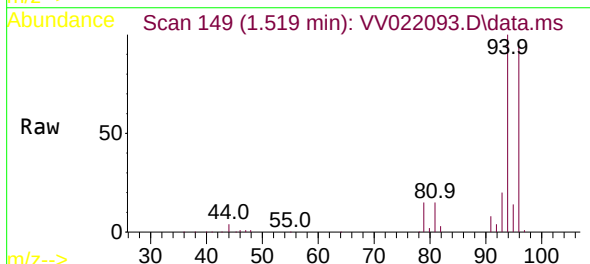
Instrument :
 MSVOA_V
 ClientSampled :

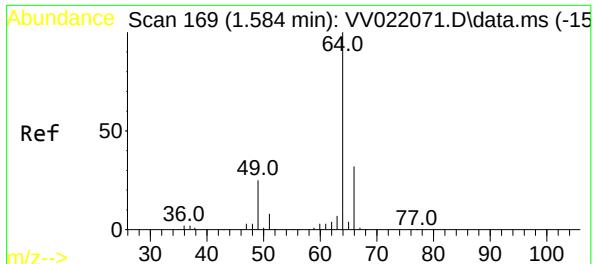
Tgt Ion: 62 Resp: 112438
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.4 43.6



#6
 Bromomethane
 Concen: 44.017 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022093.D
 Acq: 02 Sep 2021 23:02

Tgt Ion: 94 Resp: 71611
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.8 122.2

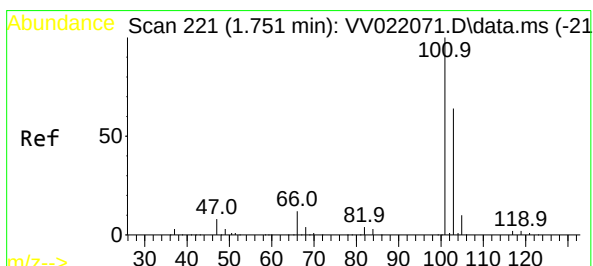
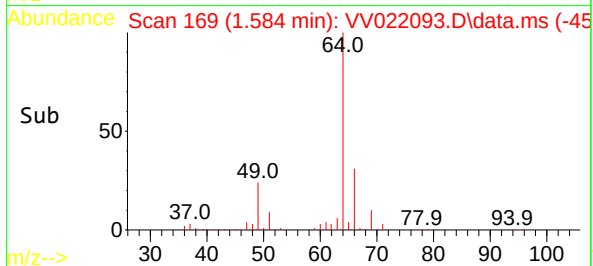
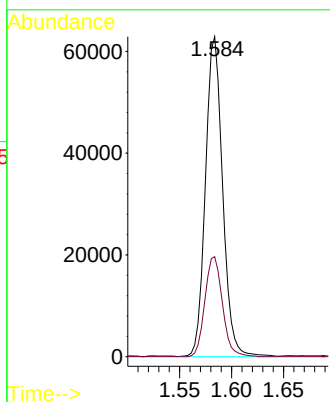
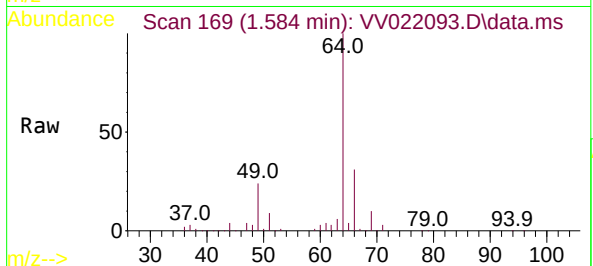




#8
Chloroethane
Concen: 42.768 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

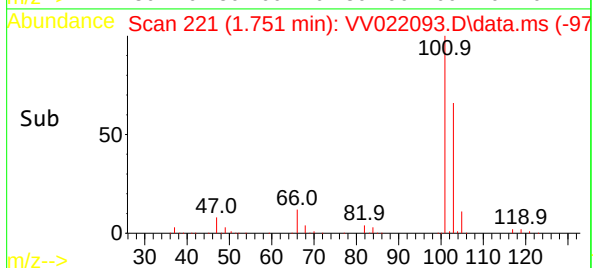
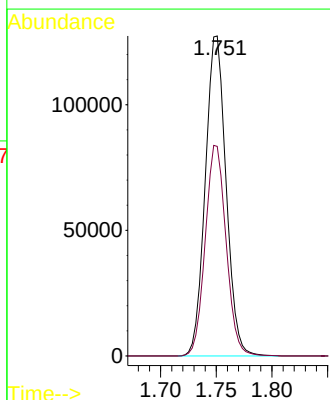
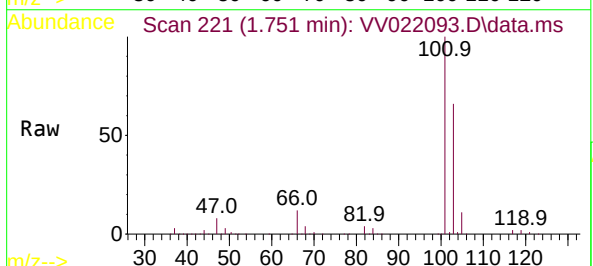
Instrument :
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ClientSampled :

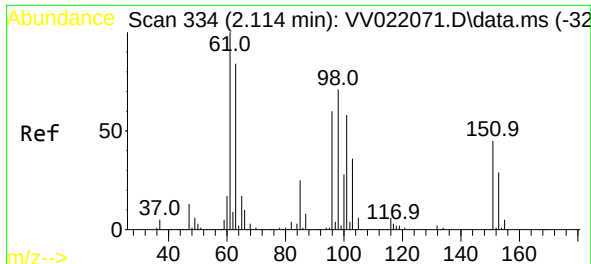
Tgt Ion: 64 Resp: 72396
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 42.947 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion:101 Resp: 165490
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

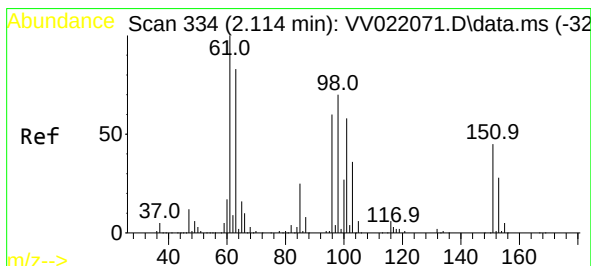
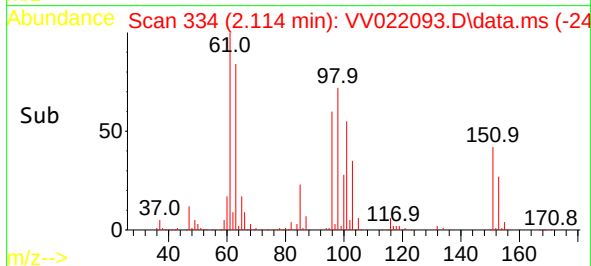
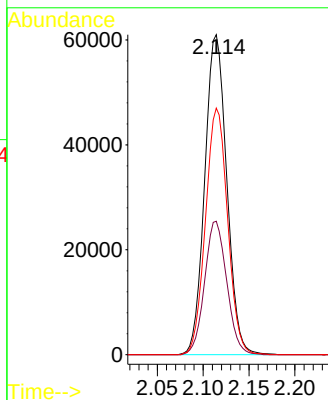
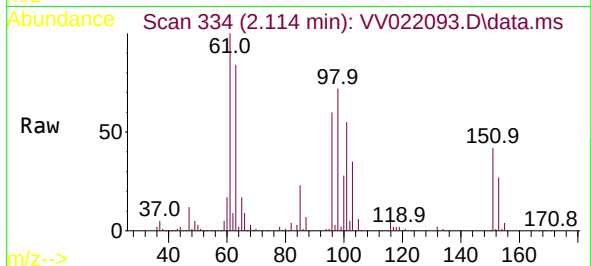




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.125 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

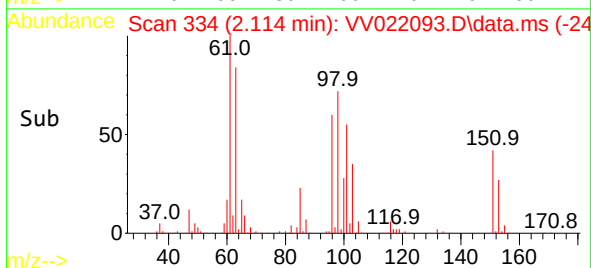
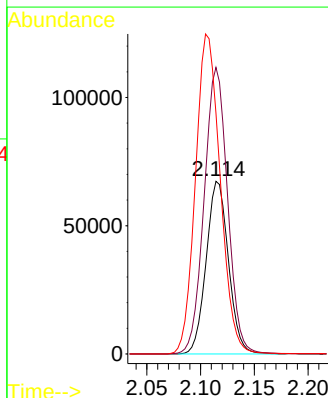
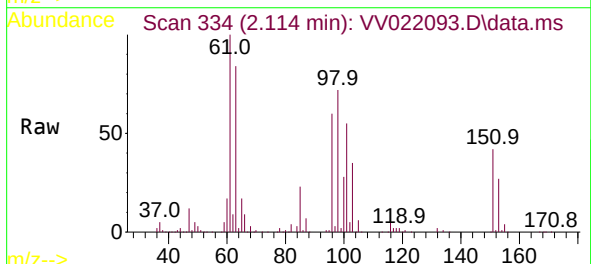
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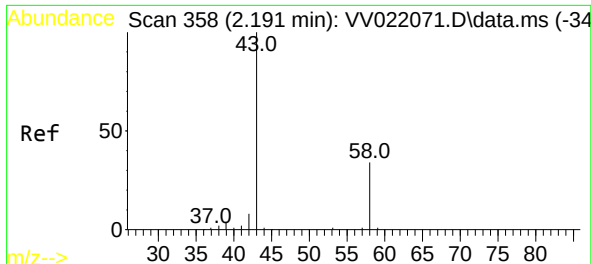
Tgt Ion:101 Resp: 101990
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.0
151 77.4 61.7 92.5



#12
1,1-Dichloroethene
Concen: 45.549 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 96 Resp: 96909
Ion Ratio Lower Upper
96 100
61 165.9 113.2 210.2
63 139.4 102.3 189.9

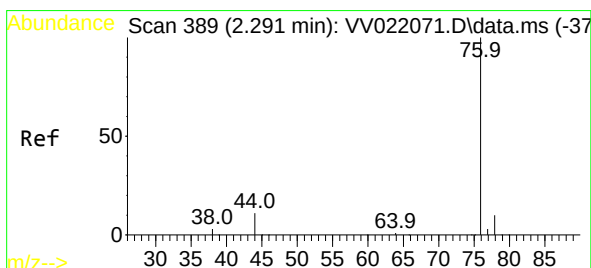
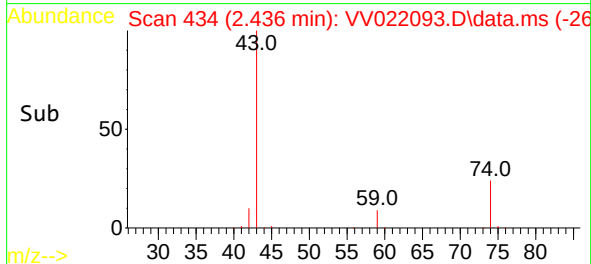
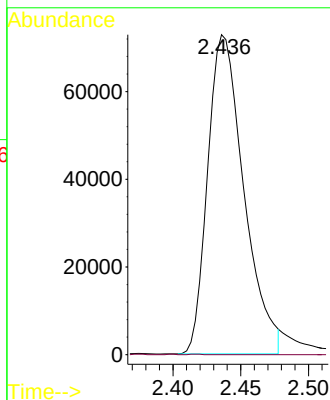
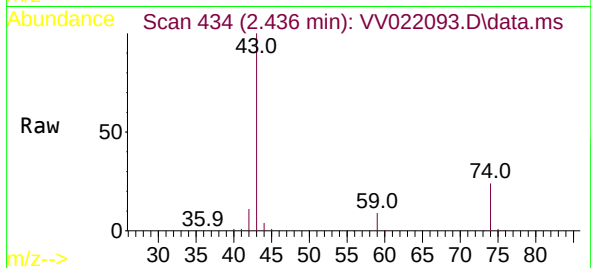




#13
Acetone
Concen: 92.102 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.244 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

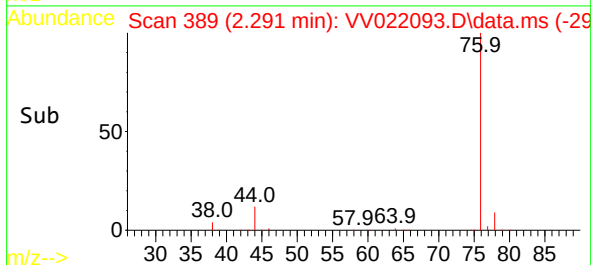
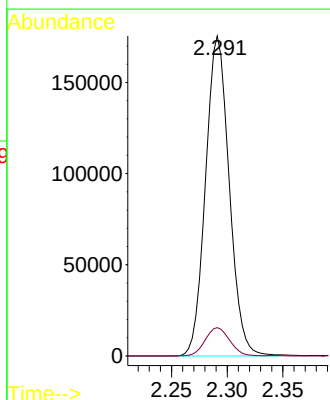
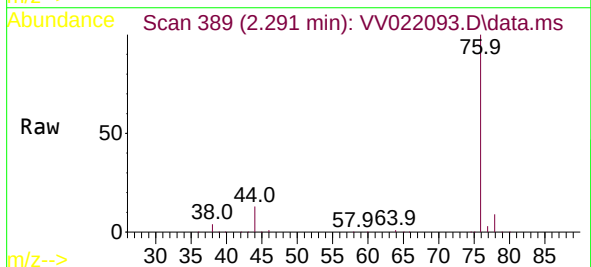
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ClientSampleId :

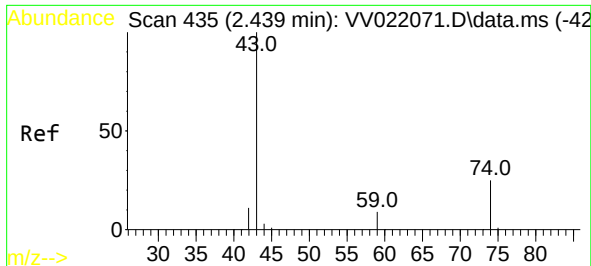
Tgt Ion: 43 Resp: 135185
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 40.357 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 76 Resp: 259080
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

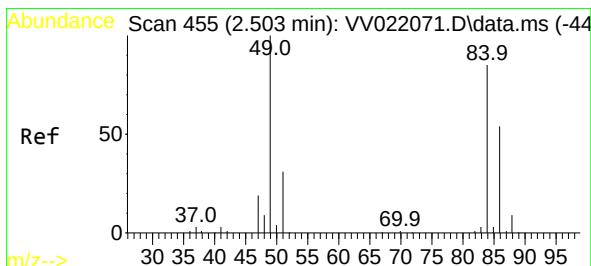
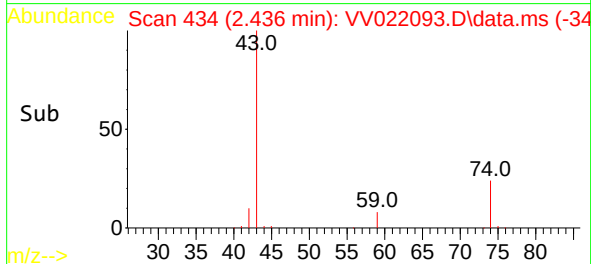
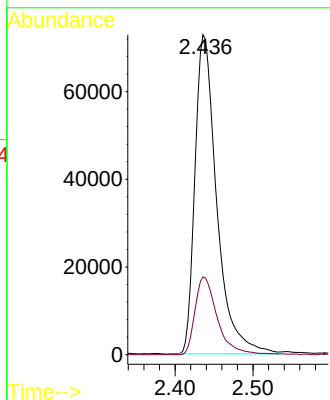
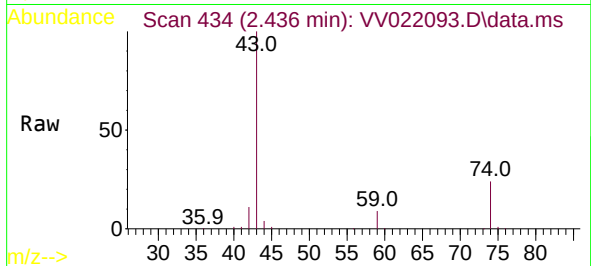




#15
Methyl Acetate
Concen: 49.504 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

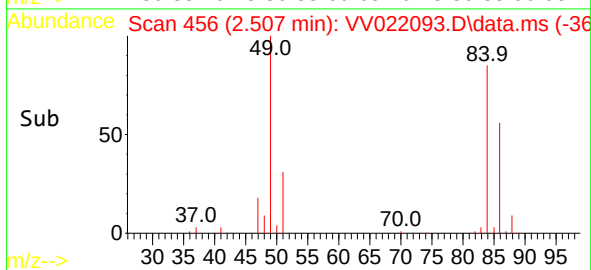
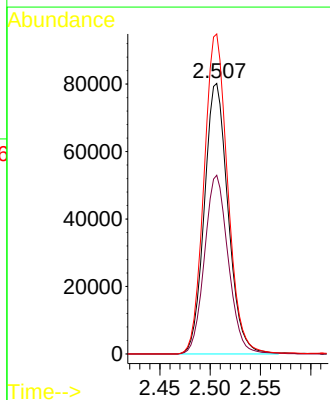
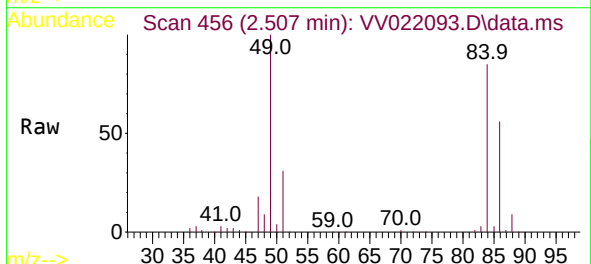
Instrument :
MSVOA_V
ClientSampleId :

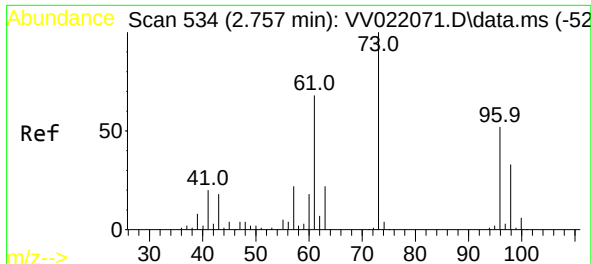
Tgt Ion: 43 Resp: 141499
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2



#16
Methylene chloride
Concen: 46.202 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 84 Resp: 131699
Ion Ratio Lower Upper
84 100
86 66.1 44.8 83.2
49 118.3 80.2 149.0

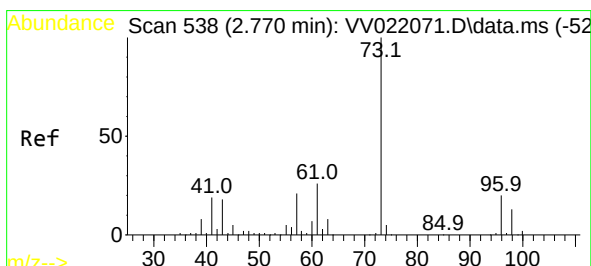
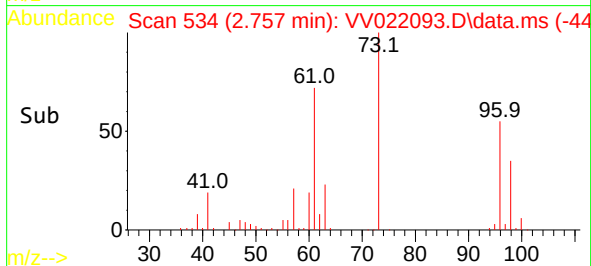
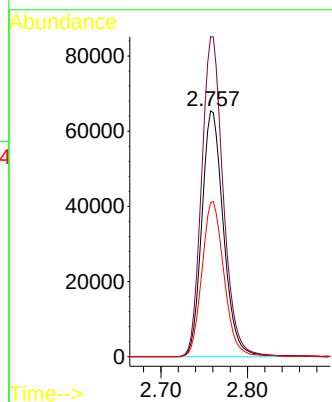
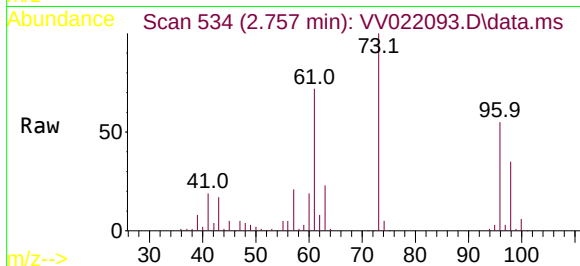




#17
trans-1,2-Dichloroethene
Concen: 44.140 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

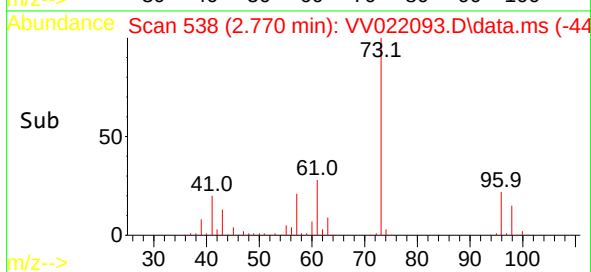
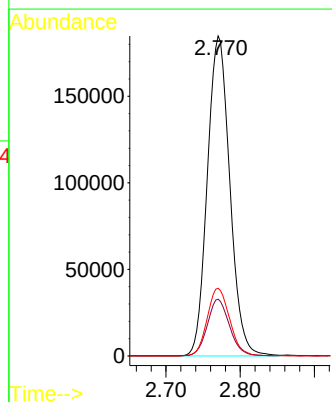
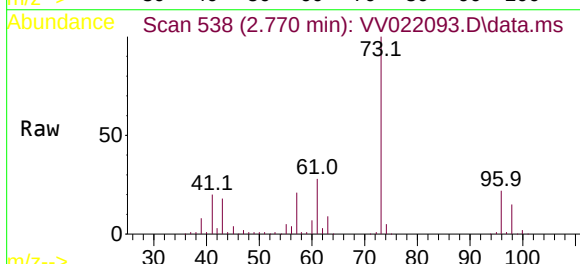
Instrument :
MSVOA_V
ClientSampleId :

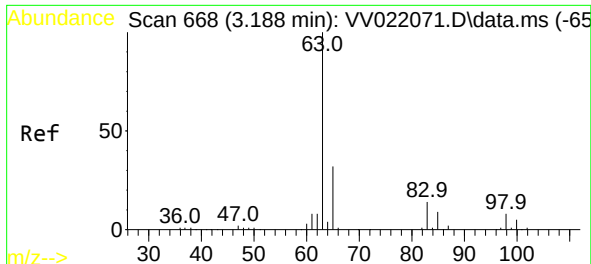
Tgt Ion: 96 Resp: 113548
Ion Ratio Lower Upper
96 100
61 130.2 89.1 165.5
98 62.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 47.567 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 73 Resp: 388841
Ion Ratio Lower Upper
73 100
43 17.3 13.8 20.6
57 21.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 46.747 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV022093.D

Acq: 02 Sep 2021 23:02

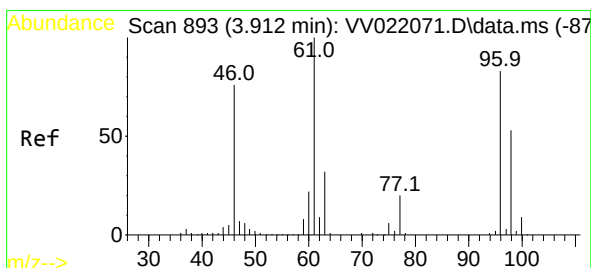
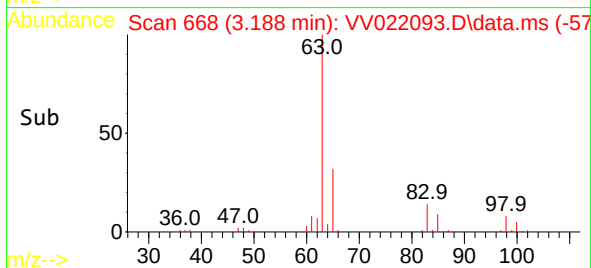
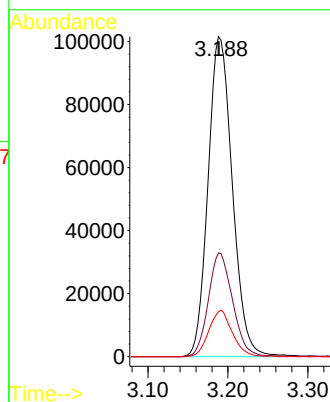
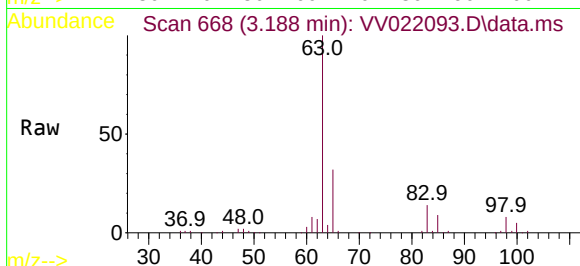
Tgt Ion: 63 Resp: 214180

Ion Ratio Lower Upper

63 100

65 32.4 22.2 41.2

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 44.881 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV022093.D

Acq: 02 Sep 2021 23:02

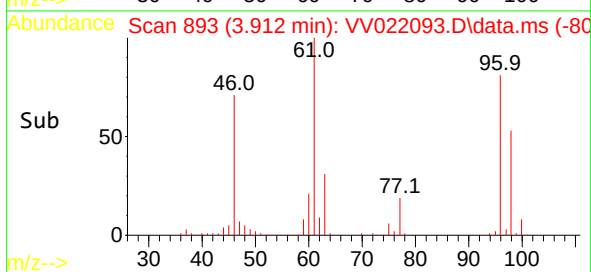
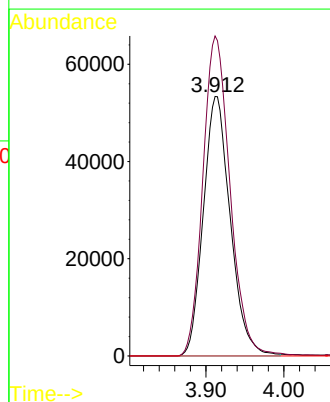
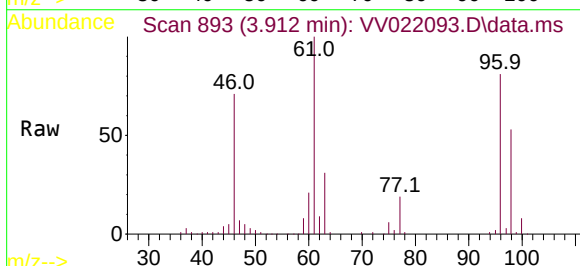
Tgt Ion: 96 Resp: 128500

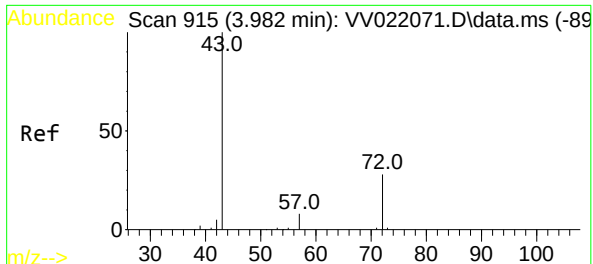
Ion Ratio Lower Upper

96 100

61 123.3 81.8 152.0

68 0.0 0.0 0.0

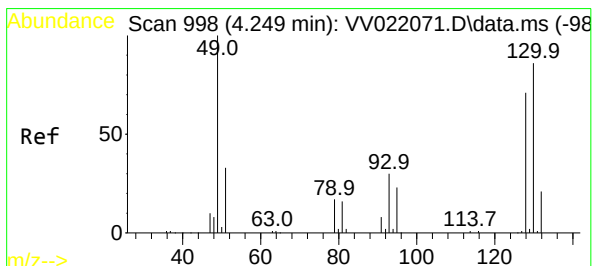
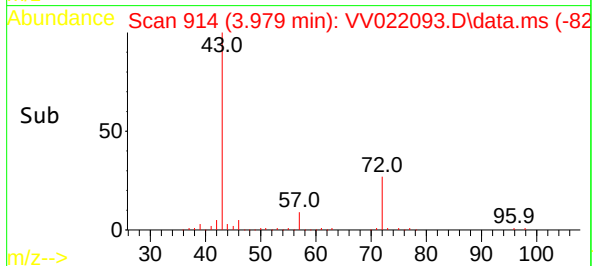
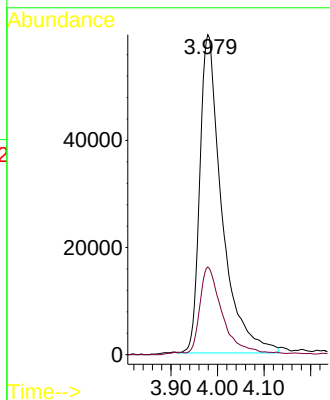
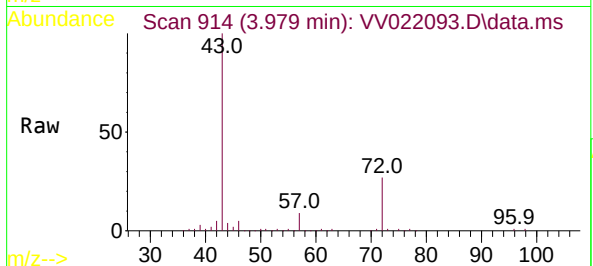




#22
2-Butanone
Concen: 94.884 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

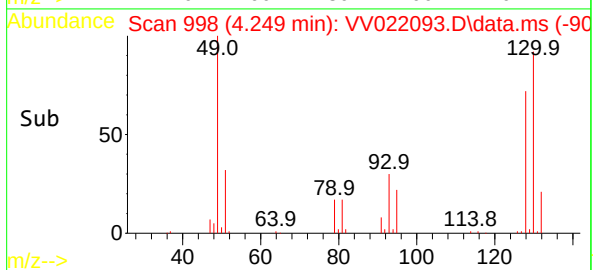
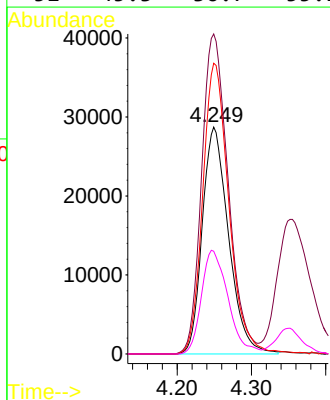
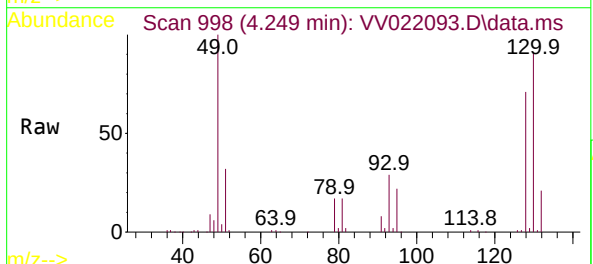
Instrument :
MSVOA_V
ClientSampled :

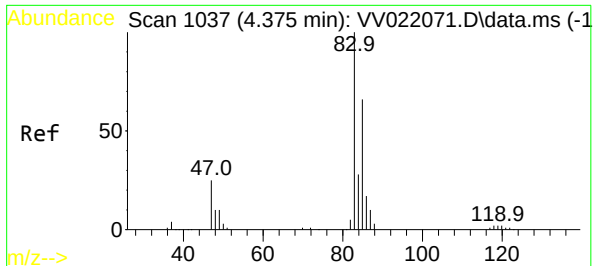
Tgt Ion: 43 Resp: 195763
Ion Ratio Lower Upper
43 100
72 26.8 13.3 39.8



#23
Bromochloromethane
Concen: 46.313 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion:128 Resp: 70617
Ion Ratio Lower Upper
128 100
49 141.1 101.6 188.8
130 128.2 88.5 164.3
51 45.3 36.7 55.1





#25

Chloroform

Concen: 45.541 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV022093.D

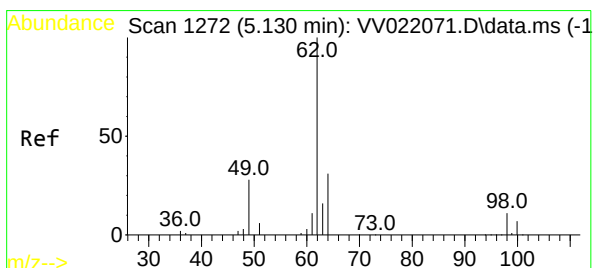
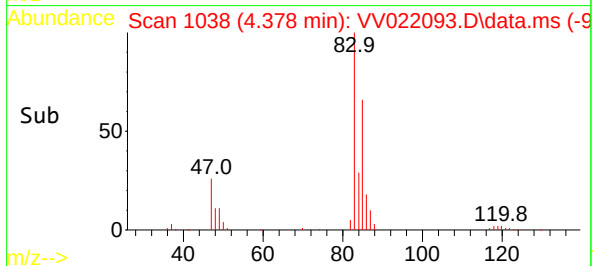
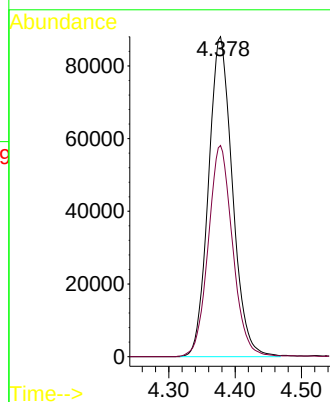
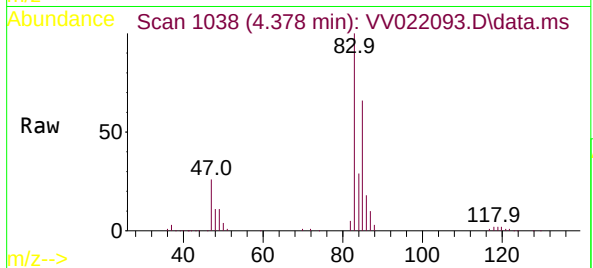
Acq: 02 Sep 2021 23:02

Tgt Ion: 83 Resp: 220877

Ion Ratio Lower Upper

83 100

85 66.0 46.3 85.9



#27

1,2-Dichloroethane

Concen: 48.599 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV022093.D

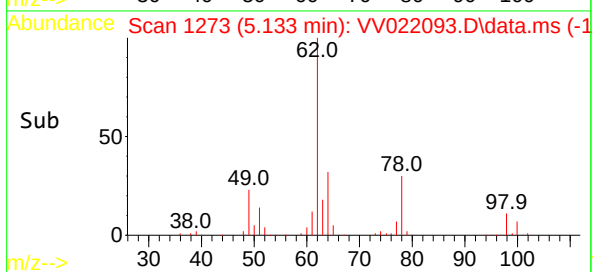
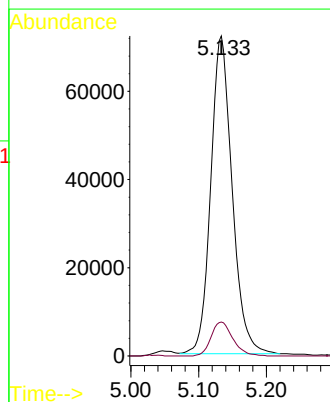
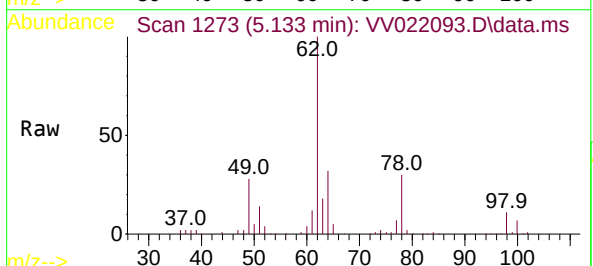
Acq: 02 Sep 2021 23:02

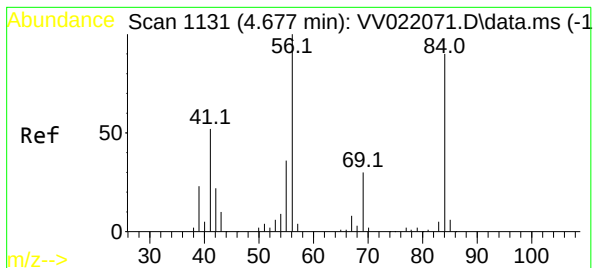
Tgt Ion: 62 Resp: 157999

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7

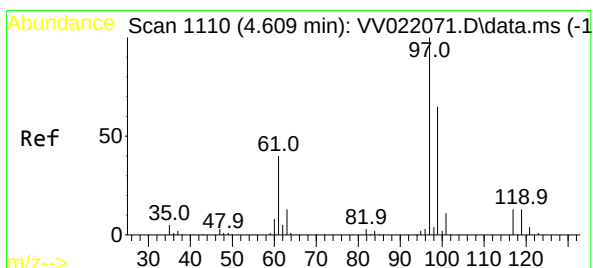
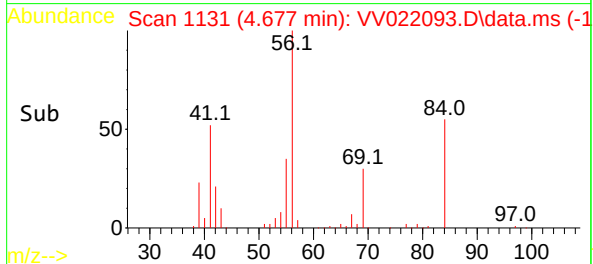
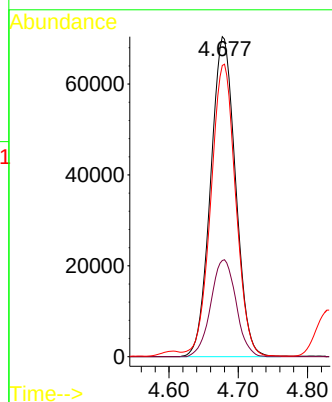
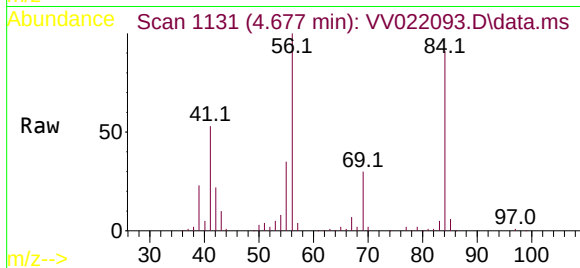




#29
Cyclohexane
Concen: 45.286 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

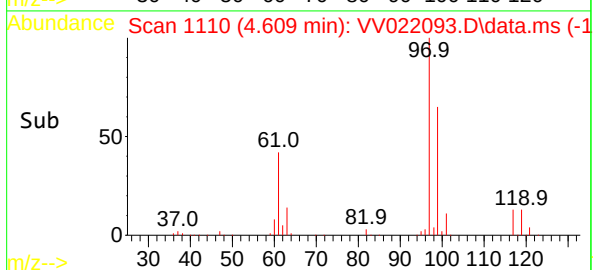
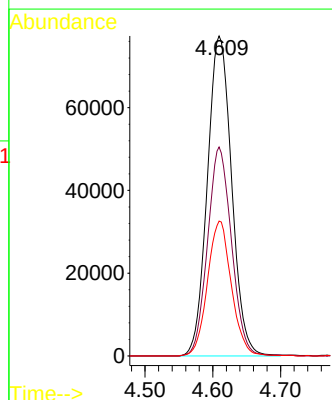
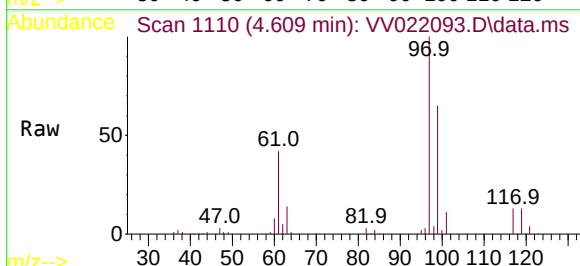
Instrument :
MSVOA_V
ClientSampleId :

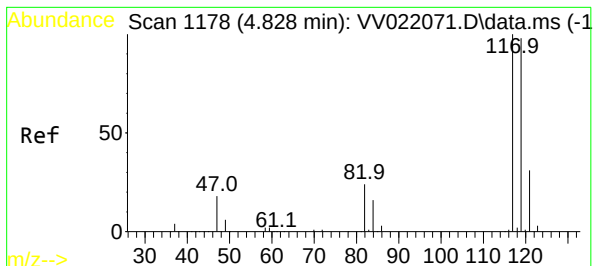
Tgt Ion: 56 Resp: 175773
Ion Ratio Lower Upper
56 100
69 30.7 25.2 37.8
84 90.7 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 46.681 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 97 Resp: 192637
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 41.5 31.8 47.8

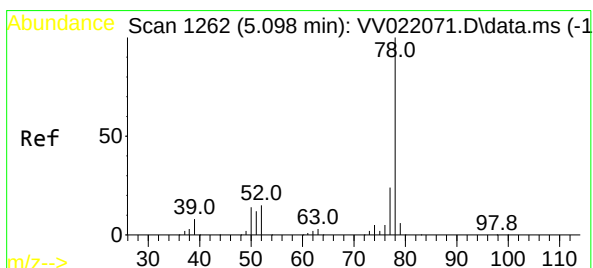
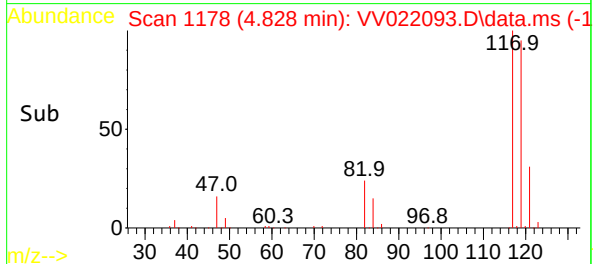
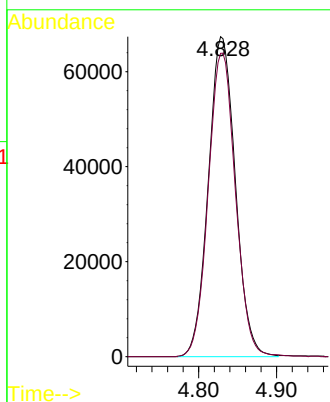
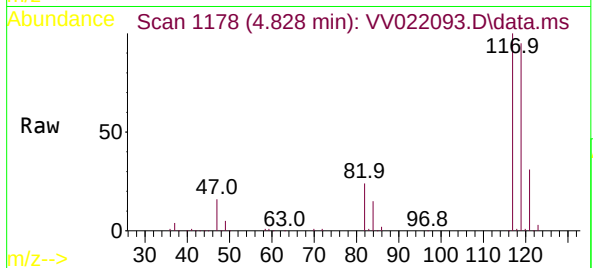




#31
Carbon tetrachloride
Concen: 45.742 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

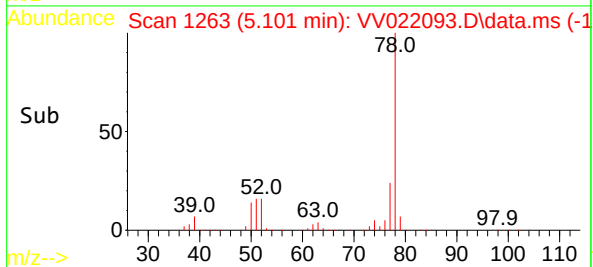
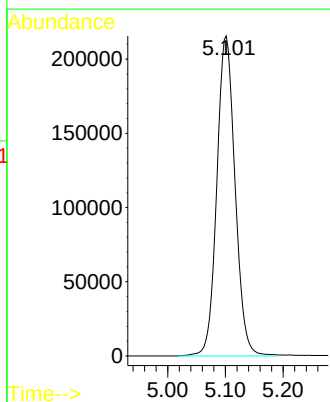
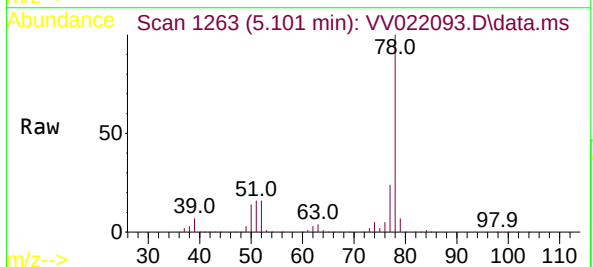
Instrument :
MSVOA_V
ClientSampled :

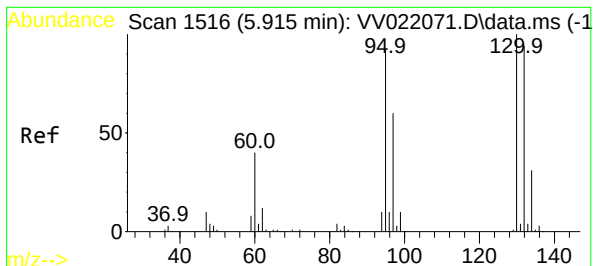
Tgt Ion:117 Resp: 162176
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8



#33
Benzene
Concen: 46.866 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 78 Resp: 473444

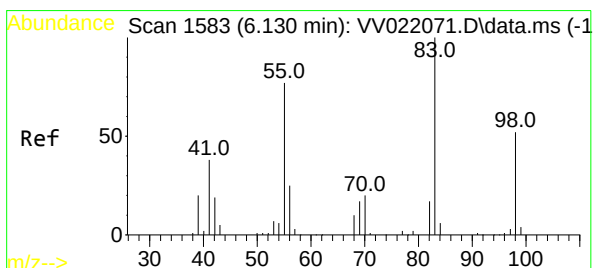
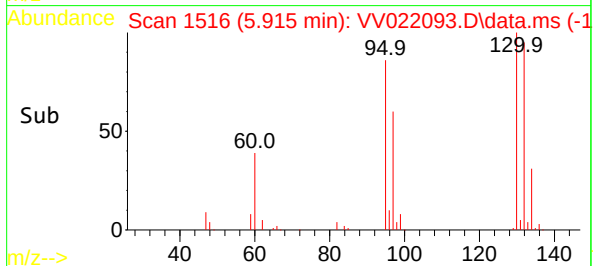
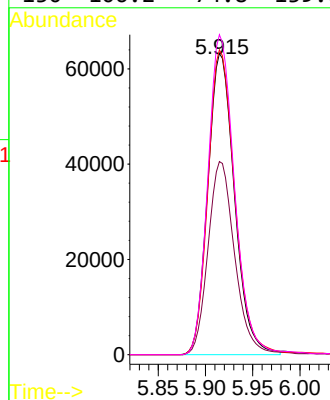
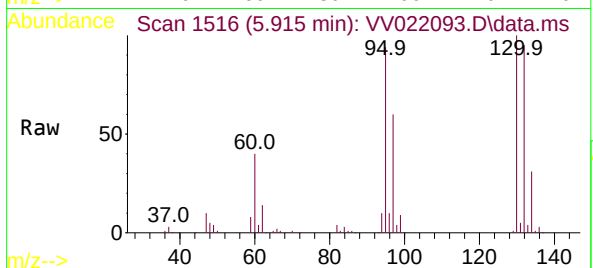




#34
Trichloroethene
Concen: 43.349 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

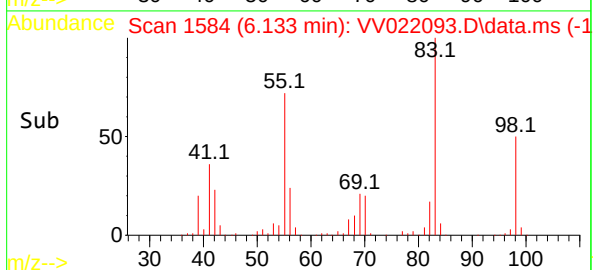
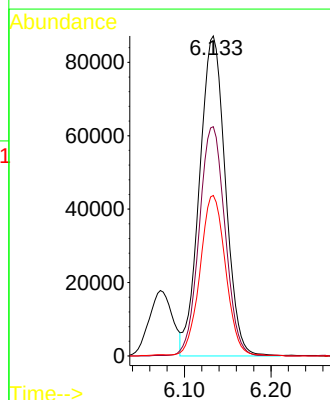
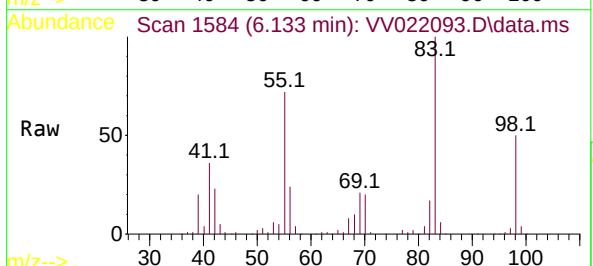
Instrument :
MSVOA_V
ClientSampled :

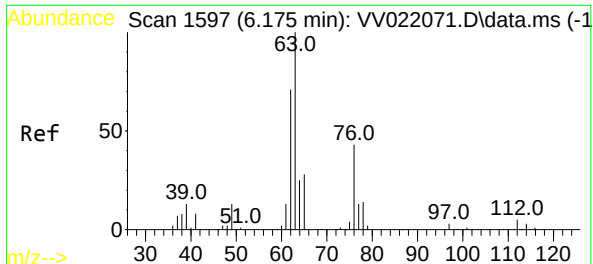
Tgt Ion: 95 Resp: 124044
Ion Ratio Lower Upper
95 100
97 64.1 44.1 81.9
132 101.1 70.7 131.3
130 106.2 74.8 139.0



#35
Methylcyclohexane
Concen: 43.286 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 83 Resp: 181077
Ion Ratio Lower Upper
83 100
55 71.5 56.8 85.2
98 49.6 39.9 59.9

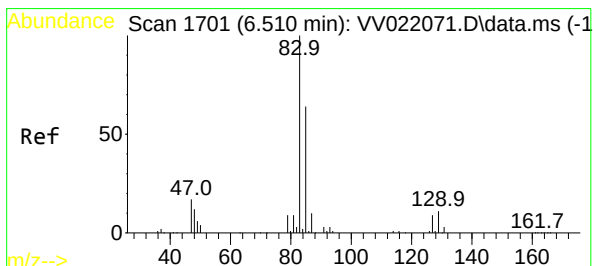
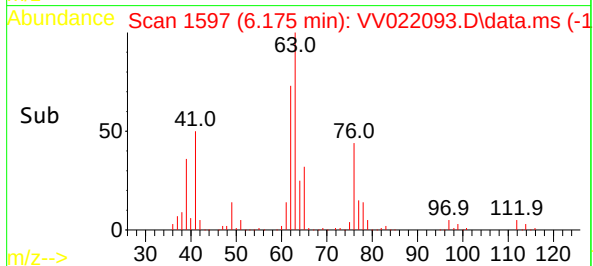
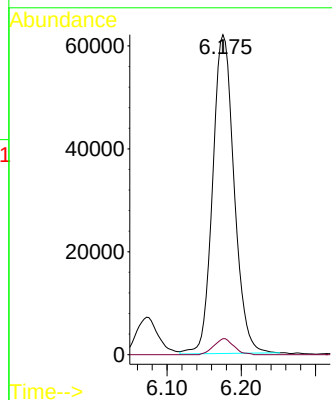
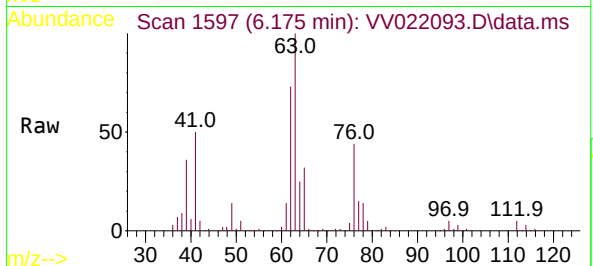




#37
1,2-Dichloropropane
Concen: 47.565 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

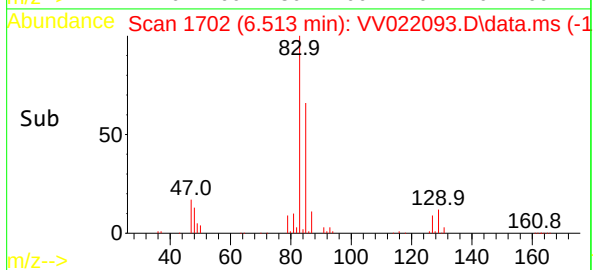
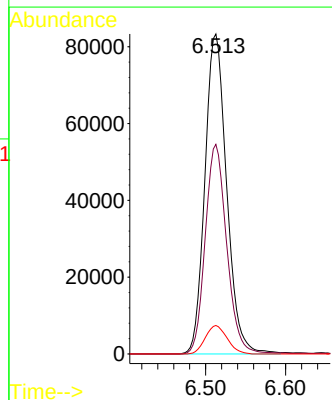
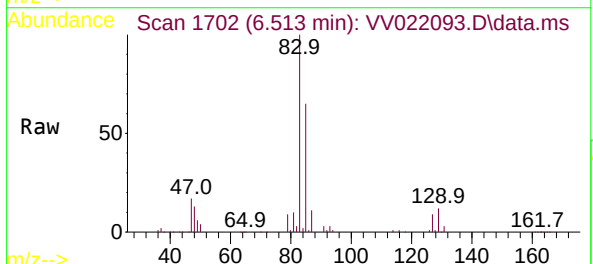
Instrument :
MSVOA_V
ClientSampleId :

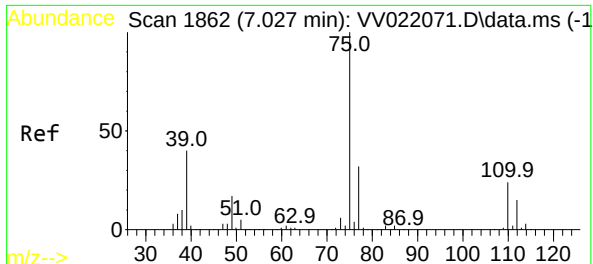
Tgt Ion: 63 Resp: 124557
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 47.153 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 83 Resp: 157908
Ion Ratio Lower Upper
83 100
85 65.5 44.8 83.2
127 8.9 7.3 10.9

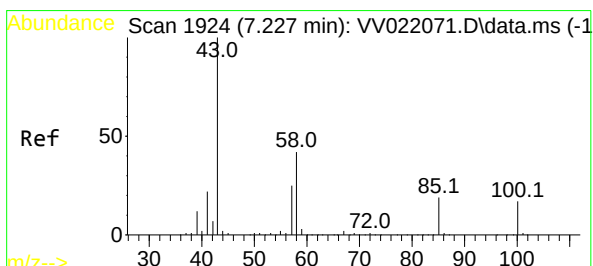
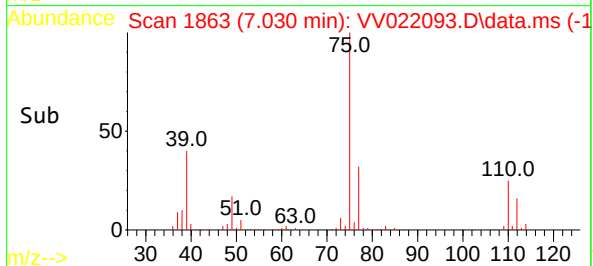
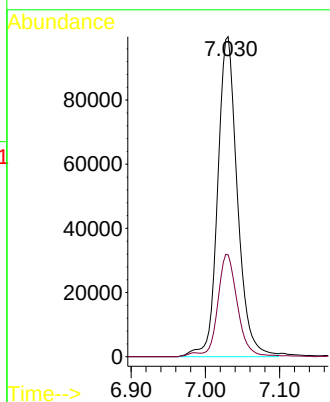
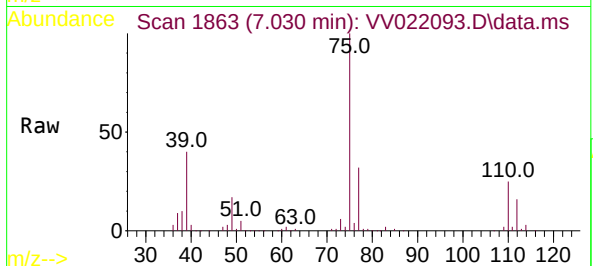




#39
 cis-1,3-Dichloropropene
 Concen: 45.714 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022093.D
 Acq: 02 Sep 2021 23:02

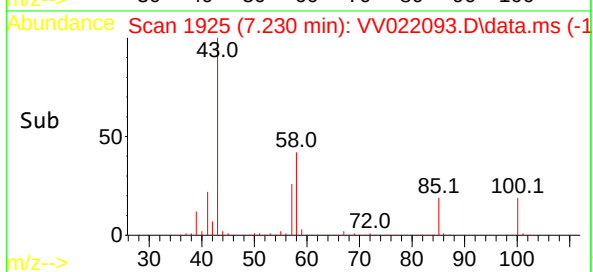
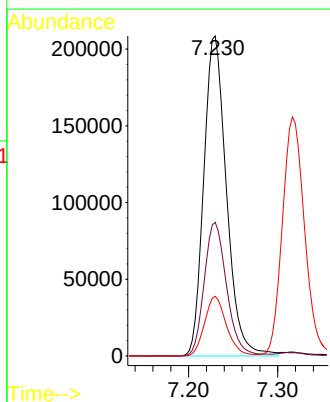
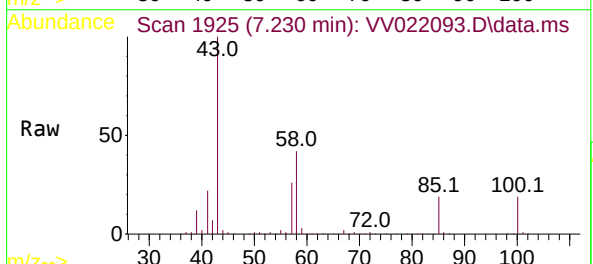
Instrument :
 MSVOA_V
 ClientSampled :

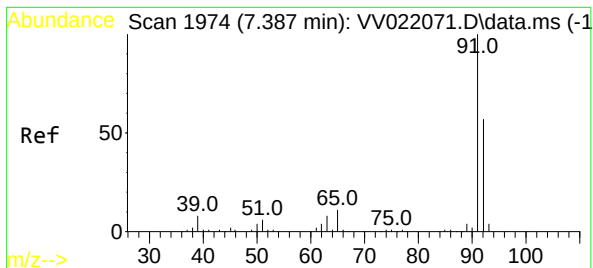
Tgt Ion: 75 Resp: 184820
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 103.931 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV022093.D
 Acq: 02 Sep 2021 23:02

Tgt Ion: 43 Resp: 368965
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.3 49.9
 100 18.0 14.5 21.7





#42

Toluene

Concen: 47.024 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV022093.D

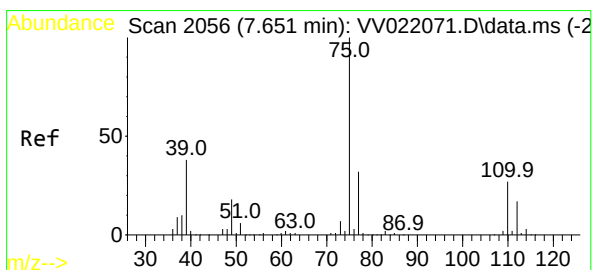
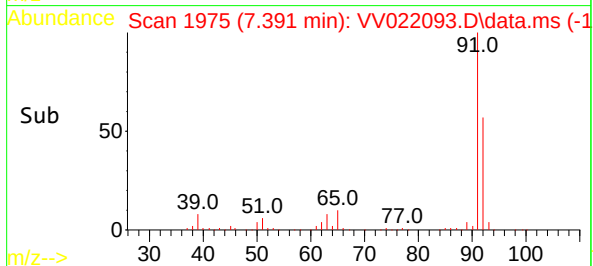
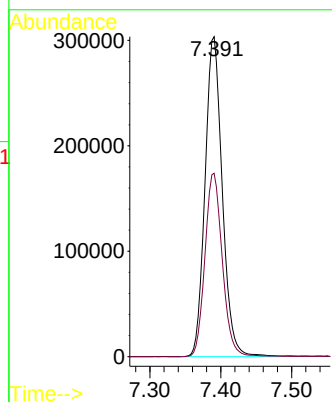
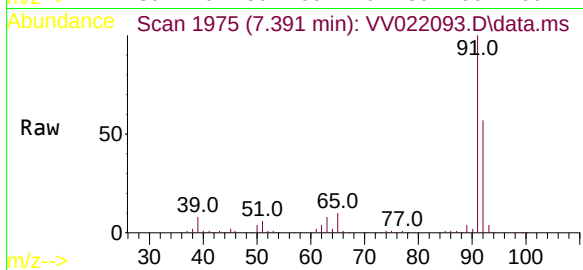
Acq: 02 Sep 2021 23:02

Tgt Ion: 91 Resp: 512709

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 46.681 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV022093.D

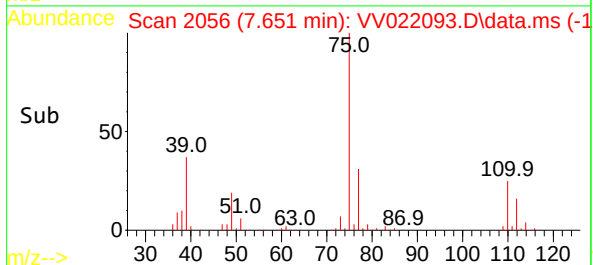
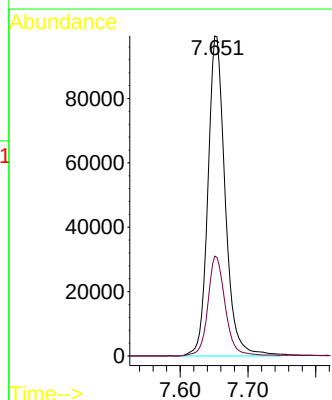
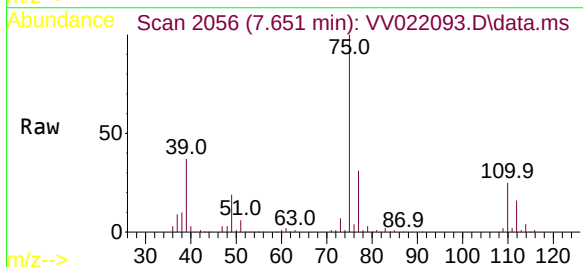
Acq: 02 Sep 2021 23:02

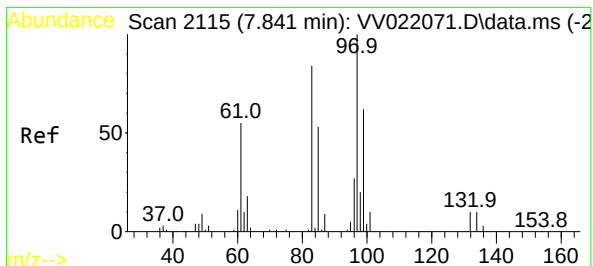
Tgt Ion: 75 Resp: 175654

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



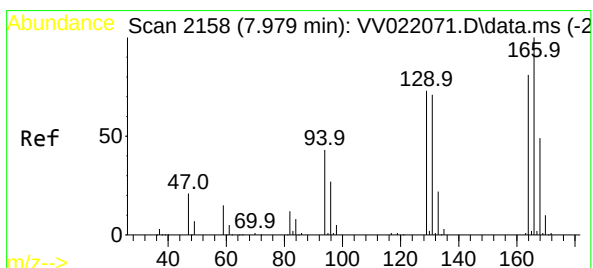
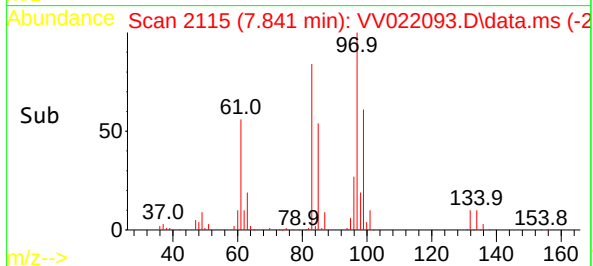
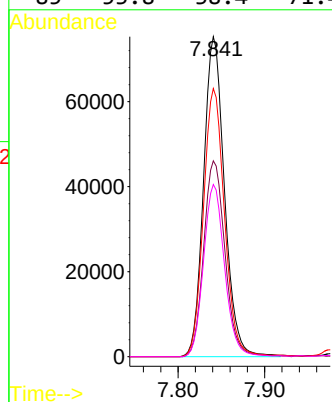
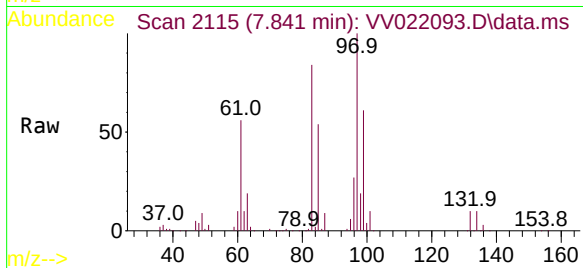


#45
1,1,2-Trichloroethane
Concen: 47.417 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 126340

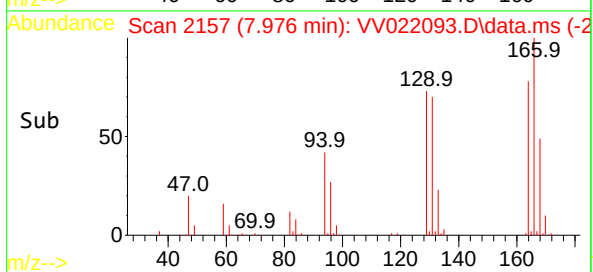
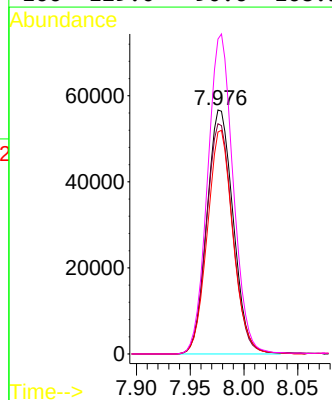
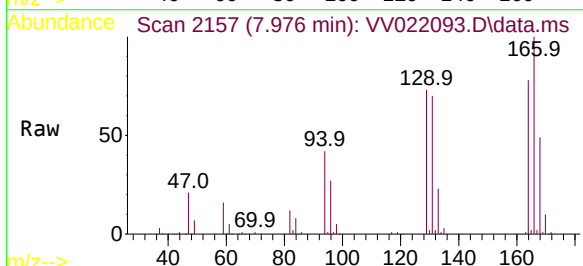
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.8	81.4
83	83.8	58.8	109.2
85	53.8	38.4	71.4

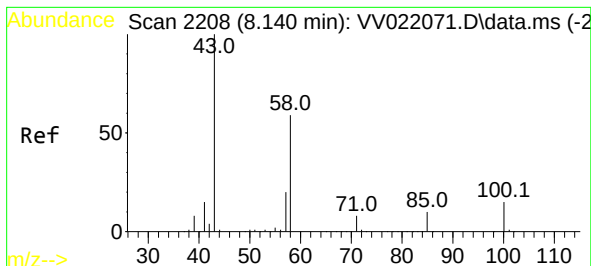


#46
Tetrachloroethene
Concen: 43.509 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 164 Resp: 96807

Ion	Ratio	Lower	Upper
164	100		
129	94.3	62.9	116.9
131	91.0	61.0	113.4
166	129.0	90.6	168.3

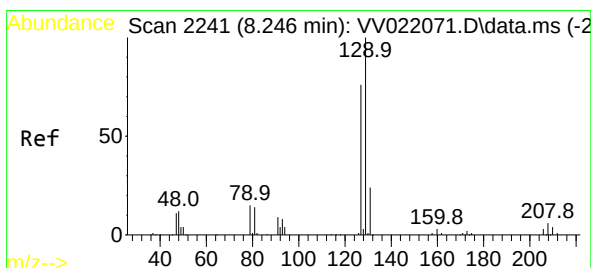
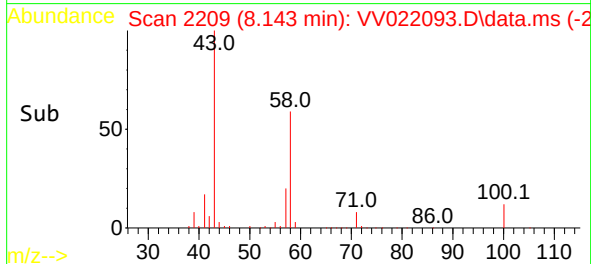
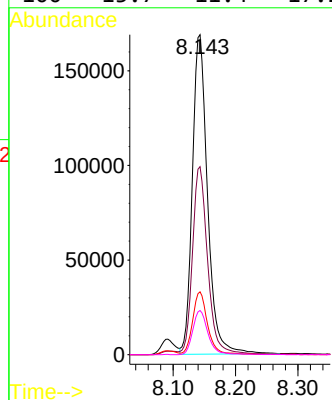
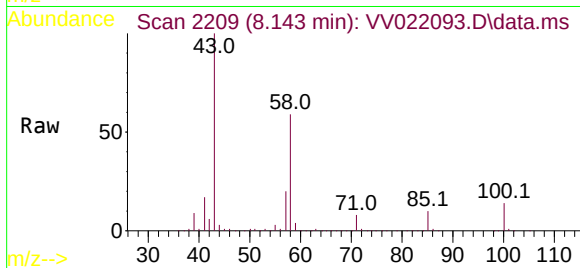




#48
2-Hexanone
Concen: 103.552 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

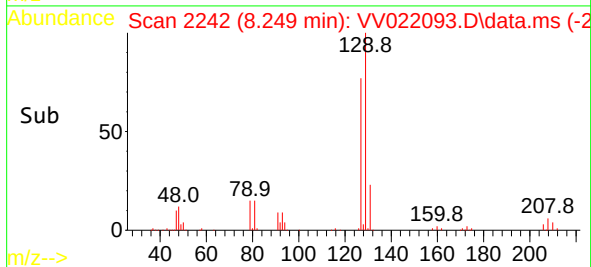
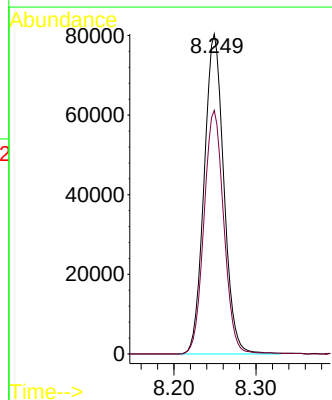
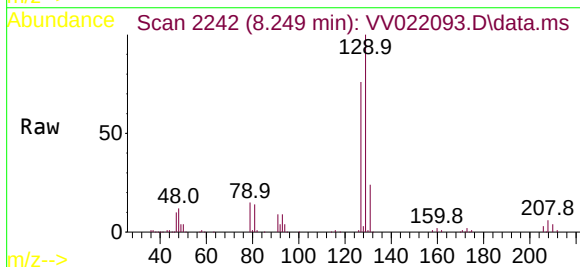
Instrument :
MSVOA_V
ClientSampled :

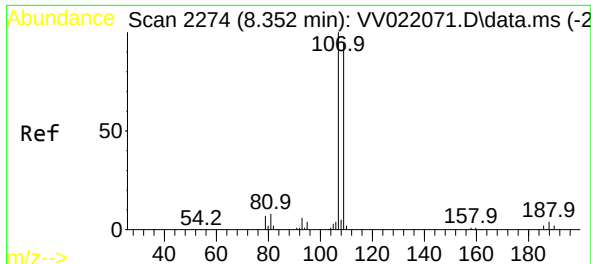
Tgt Ion: 43 Resp: 285233
Ion Ratio Lower Upper
43 100
58 58.7 47.5 71.3
57 19.2 15.9 23.9
100 13.7 11.4 17.2



#49
Dibromochloromethane
Concen: 47.016 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 129 Resp: 134092
Ion Ratio Lower Upper
129 100
127 76.1 54.1 100.5





#50

1,2-Dibromoethane

Concen: 47.420 ug/L

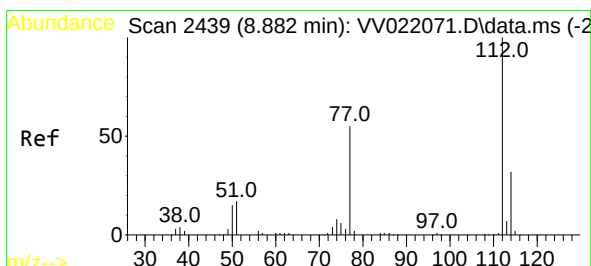
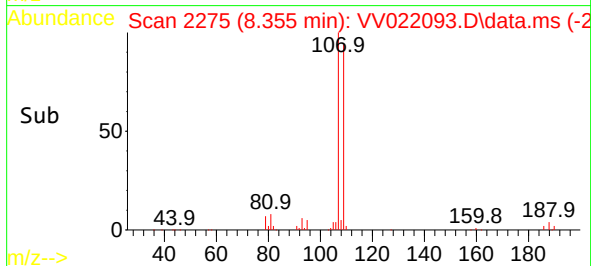
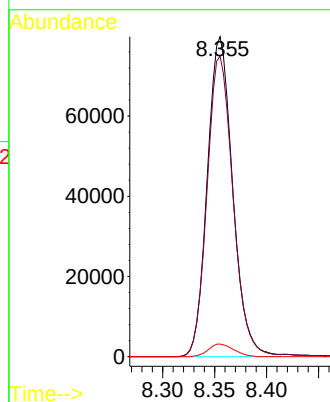
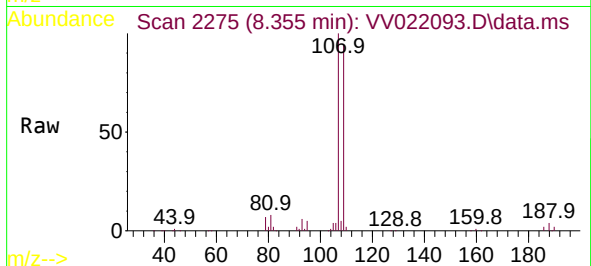
RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV022093.D

Acq: 02 Sep 2021 23:02

Tgt Ion:	107	Resp:	135600
Ion	Ratio	Lower	Upper
107	100		
109	93.9	65.5	121.6
188	3.9	3.2	4.8



#51

Chlorobenzene

Concen: 45.264 ug/L

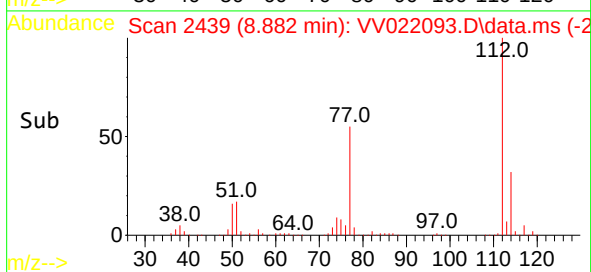
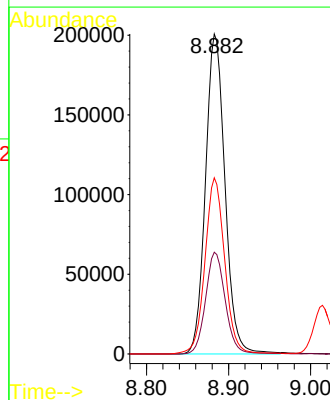
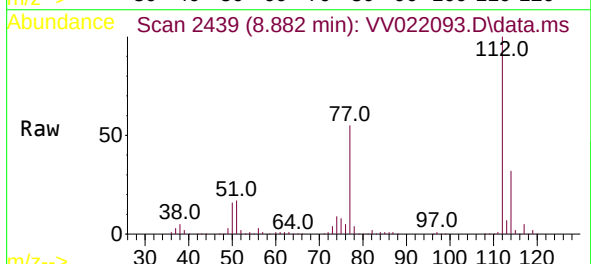
RT: 8.882 min Scan# 2439

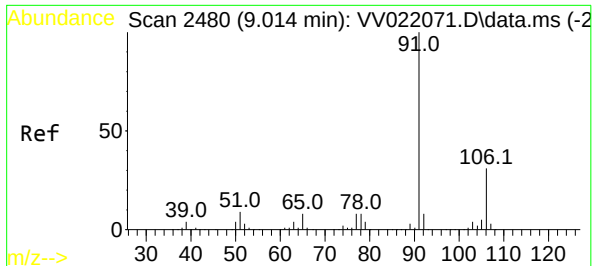
Delta R.T. 0.000 min

Lab File: VV022093.D

Acq: 02 Sep 2021 23:02

Tgt Ion:	112	Resp:	331814
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	41.0
77	55.1	43.2	64.8

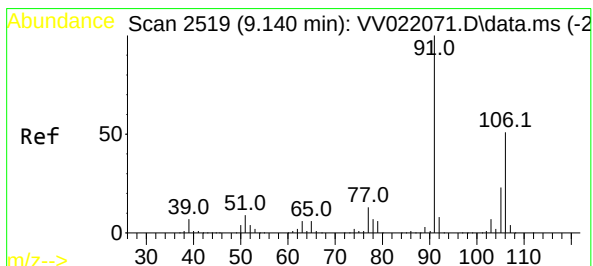
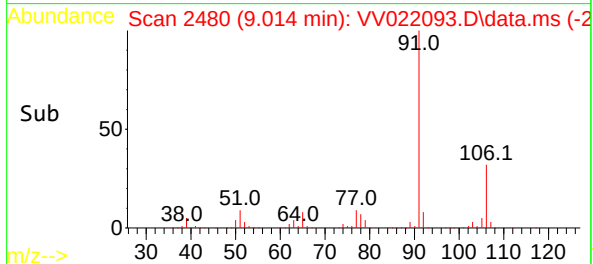
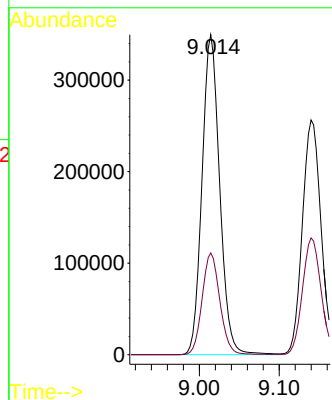
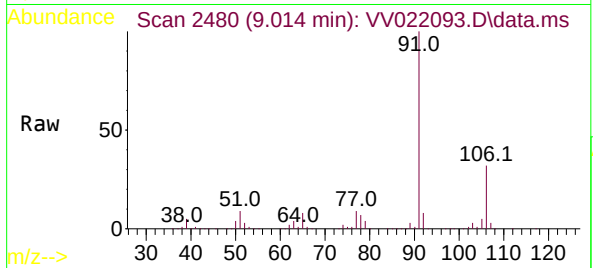




#52
Ethylbenzene
Concen: 45.596 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

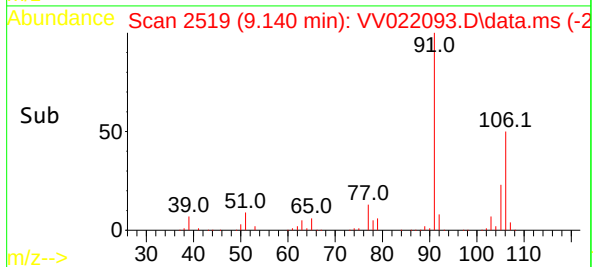
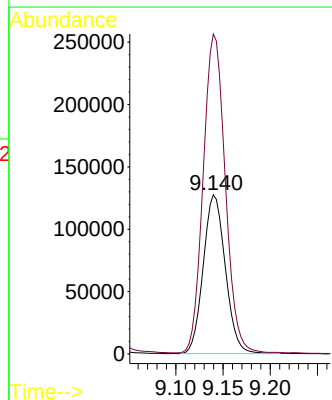
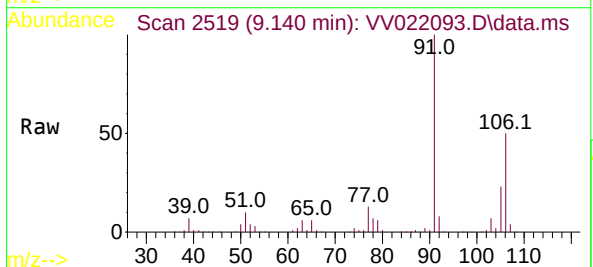
Instrument :
MSVOA_V
ClientSampled :

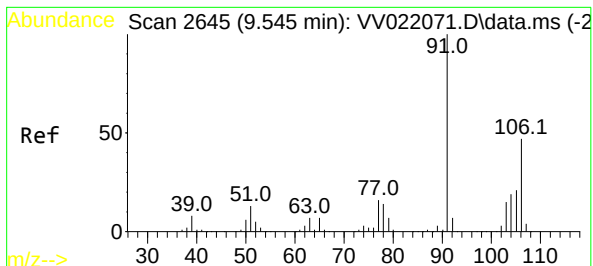
Tgt Ion: 91 Resp: 538155
Ion Ratio Lower Upper
91 100
106 31.8 21.7 40.3



#53
m,p-Xylene
Concen: 45.094 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 106 Resp: 206871
Ion Ratio Lower Upper
106 100
91 200.9 139.1 258.3





#54

o-Xylene

Concen: 46.741 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV022093.D

Acq: 02 Sep 2021 23:02

Tgt Ion:106 Resp: 212162

Ion Ratio Lower Upper

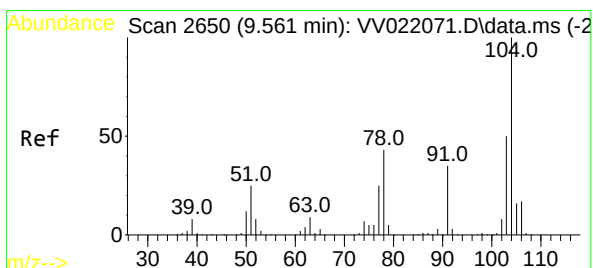
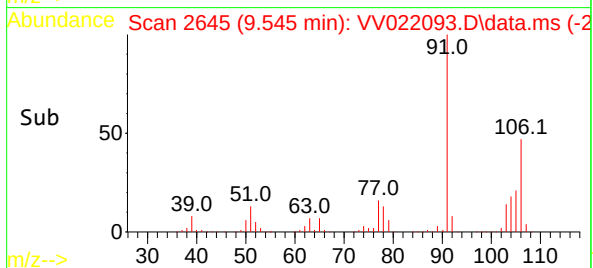
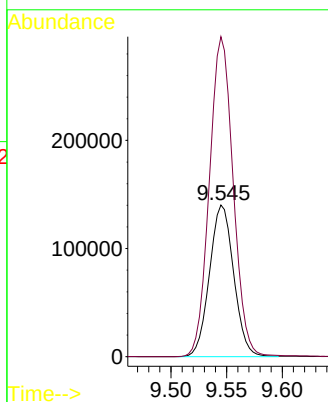
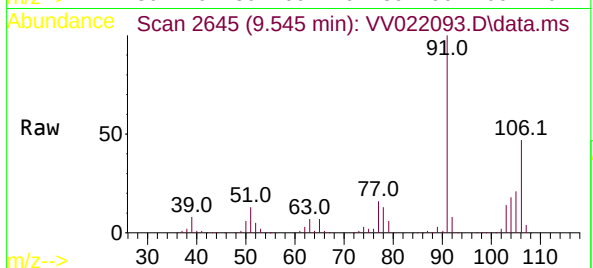
106 100

91 210.9 150.1 278.9

Instrument :

MSVOA_V

ClientSampled :



#55

Styrene

Concen: 46.583 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV022093.D

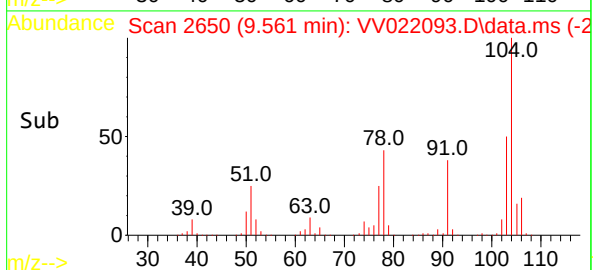
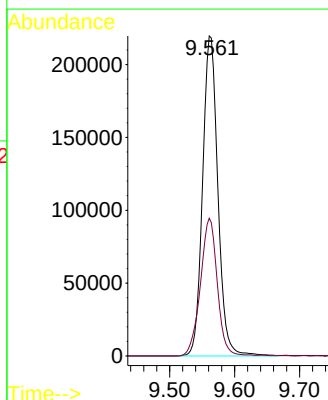
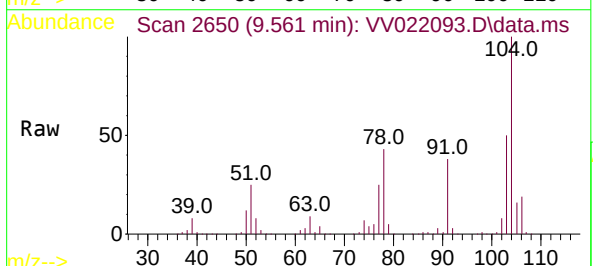
Acq: 02 Sep 2021 23:02

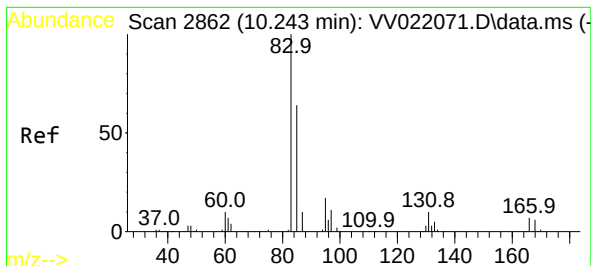
Tgt Ion:104 Resp: 360850

Ion Ratio Lower Upper

104 100

78 43.0 28.6 53.2

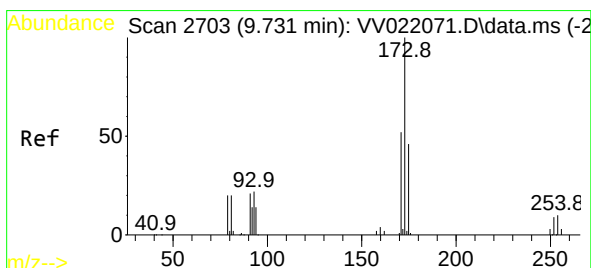
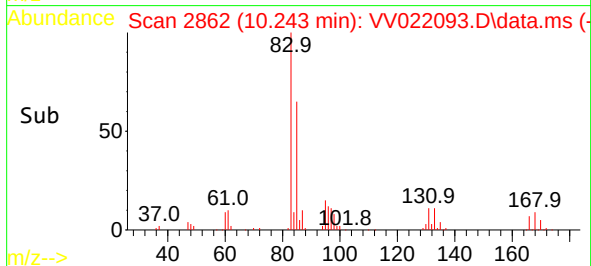
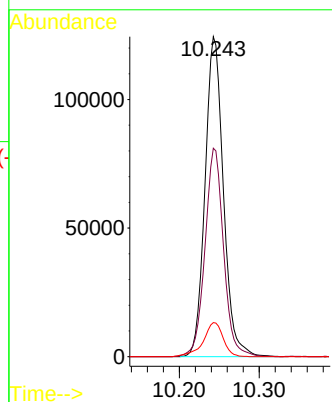
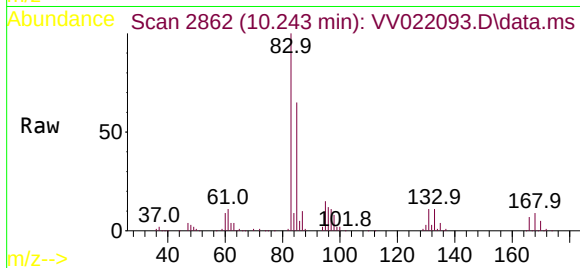




#57
1,1,2,2-Tetrachloroethane
Concen: 51.581 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

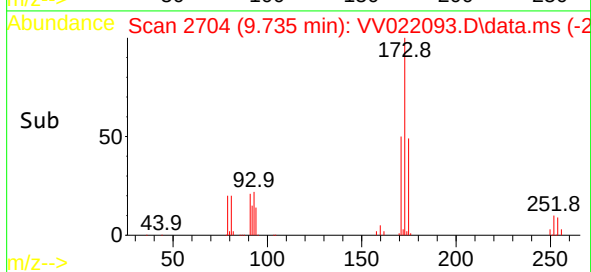
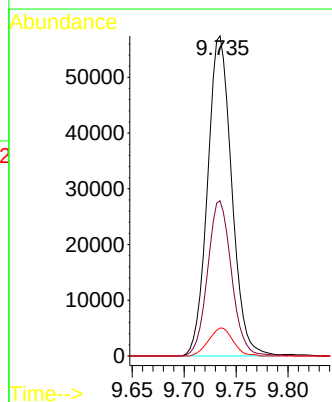
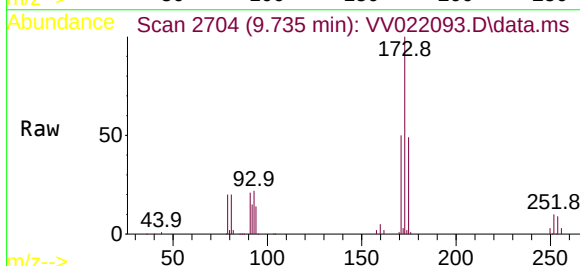
Instrument :
MSVOA_V
ClientSampled :

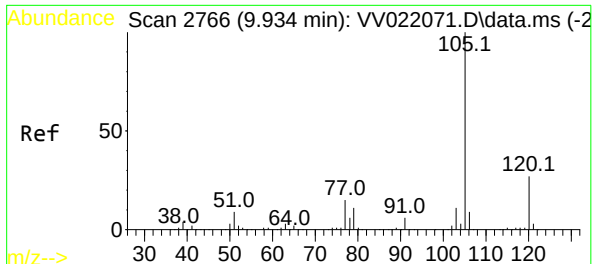
Tgt Ion: 83 Resp: 199128
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1
131 10.6 8.2 12.2



#59
Bromoform
Concen: 49.239 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 173 Resp: 92938
Ion Ratio Lower Upper
173 100
175 48.0 38.8 58.2
254 8.8 7.0 10.4

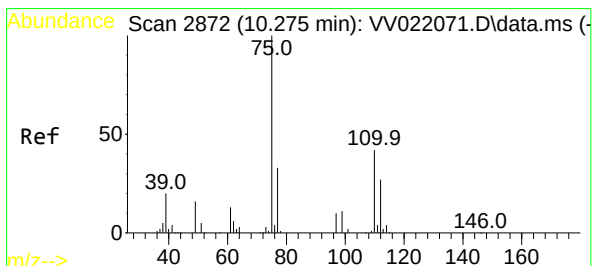
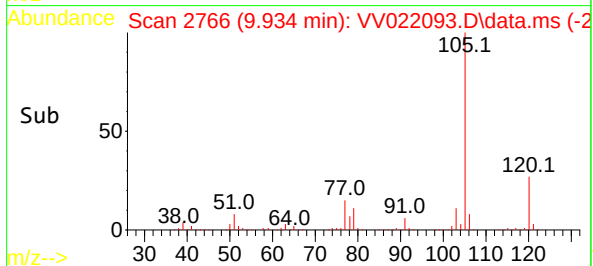
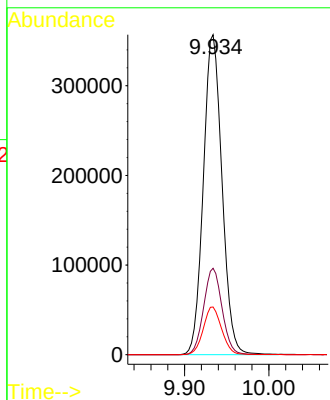
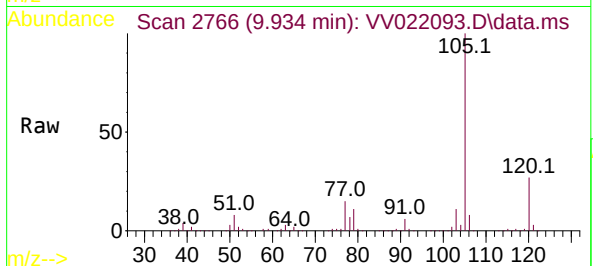




#60
Isopropylbenzene
Concen: 49.316 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

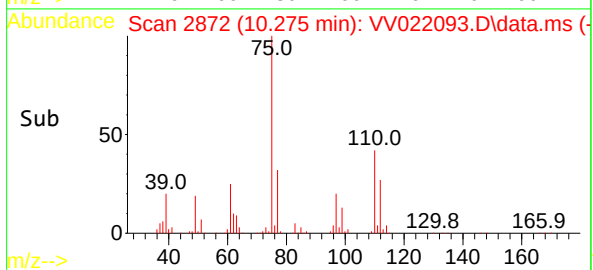
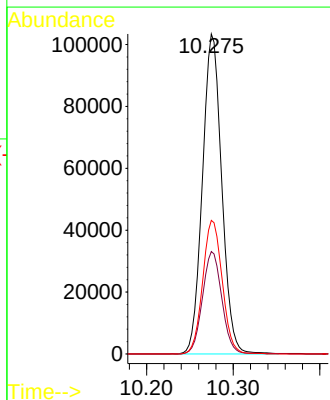
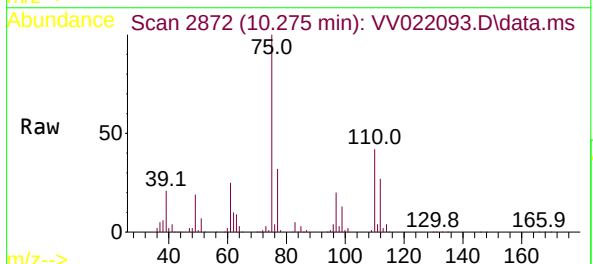
Instrument :
MSVOA_V
ClientSampleId :

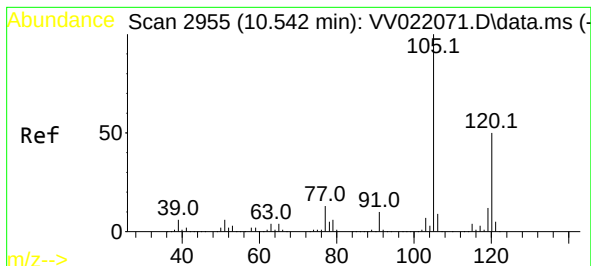
Tgt Ion:105 Resp: 550696
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 51.991 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 75 Resp: 160133
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 42.1 33.8 50.6

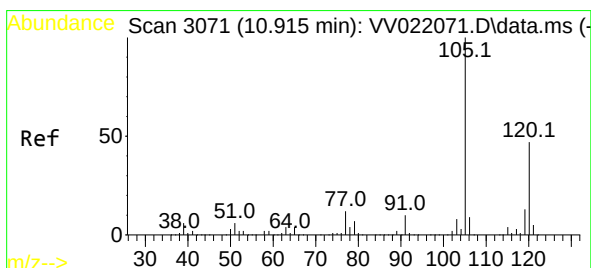
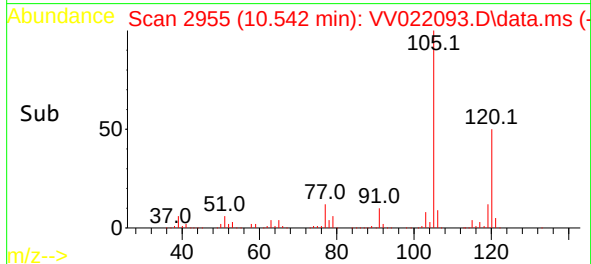
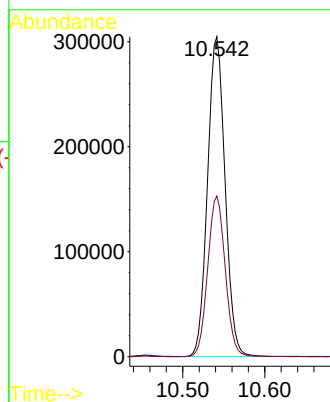
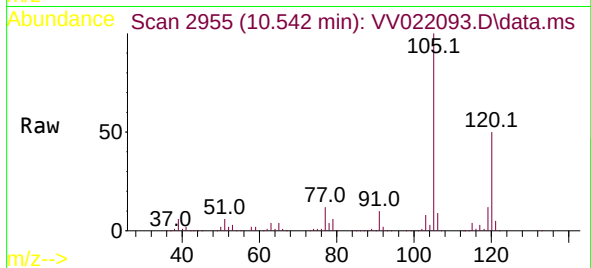




#62
1,3,5-Trimethylbenzene
Concen: 48.269 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

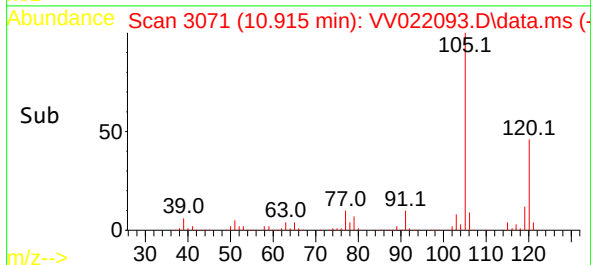
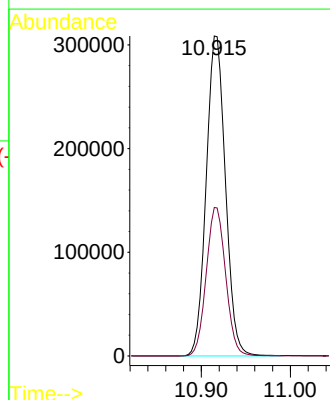
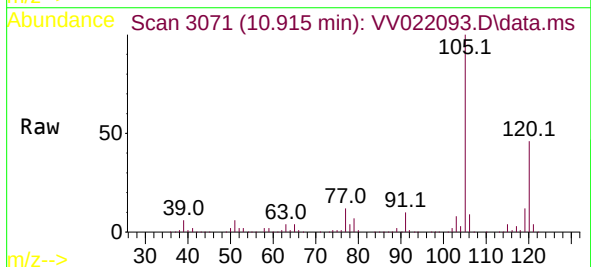
Instrument :
MSVOA_V
ClientSampled :

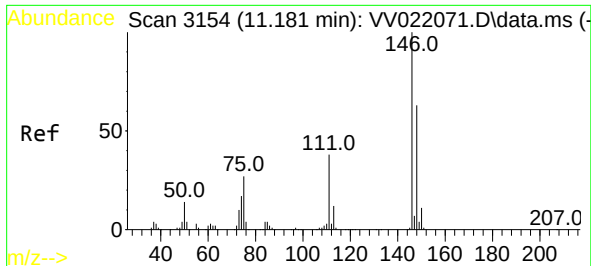
Tgt Ion:105 Resp: 452512
Ion Ratio Lower Upper
105 100
120 50.3 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 48.471 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion:105 Resp: 461862
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.0

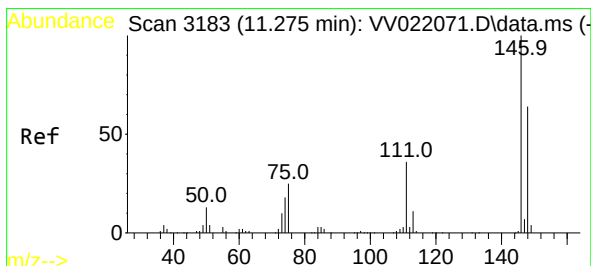
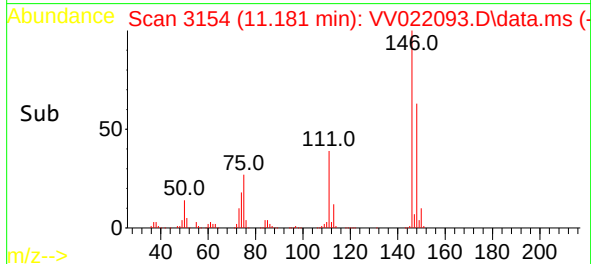
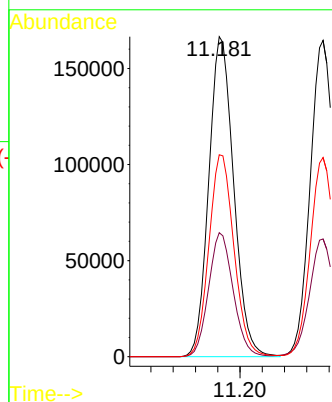
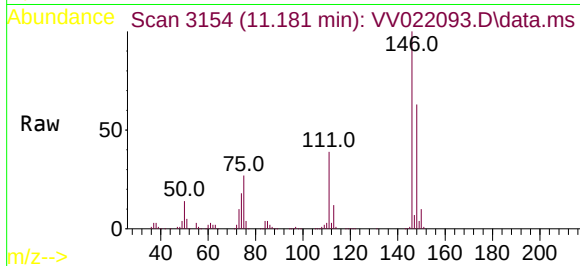




#64
1,3-Dichlorobenzene
Concen: 45.612 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

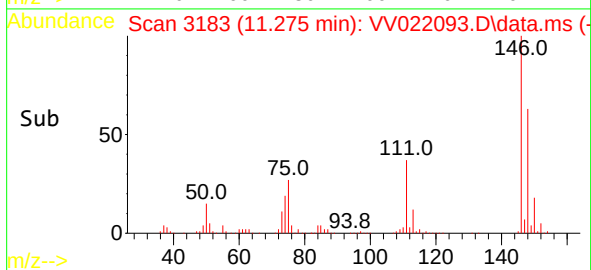
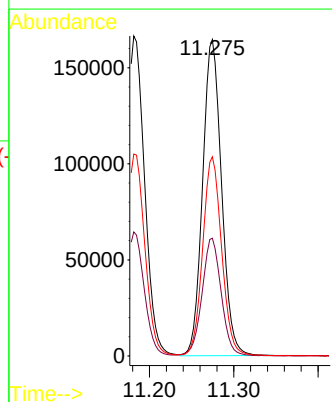
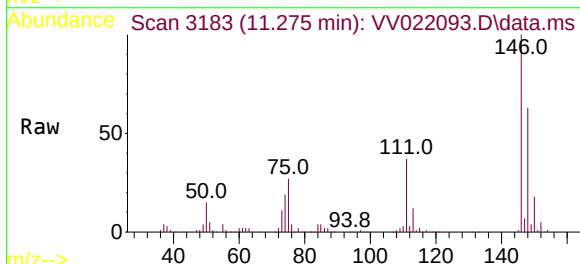
Instrument :
MSVOA_V
ClientSampled :

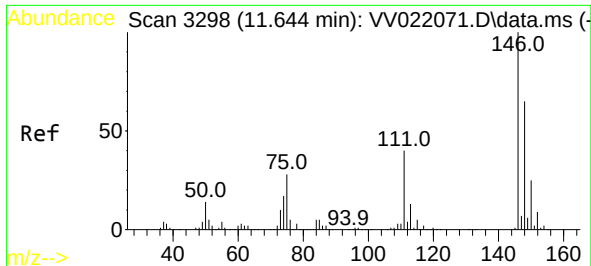
Tgt Ion:146 Resp: 258604
Ion Ratio Lower Upper
146 100
111 38.7 26.9 50.1
148 63.1 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 44.451 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion:146 Resp: 257885
Ion Ratio Lower Upper
146 100
111 37.2 25.3 46.9
148 63.0 44.4 82.5

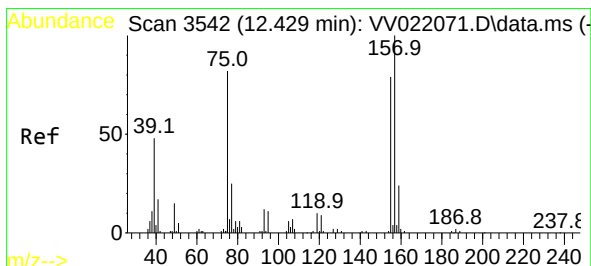
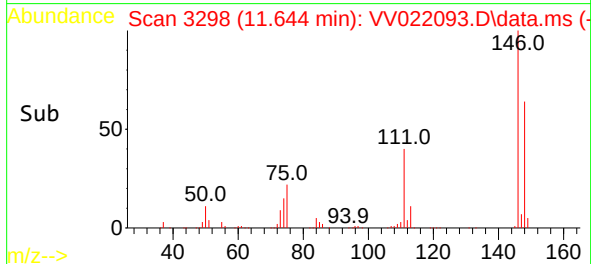
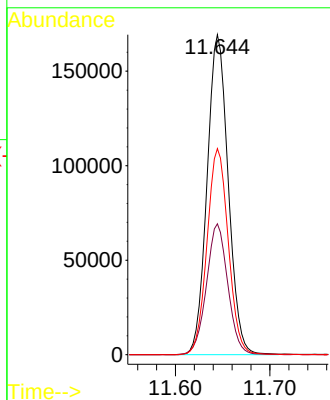
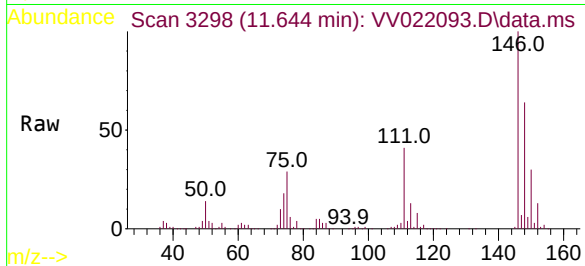




#67
1,2-Dichlorobenzene
Concen: 46.743 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

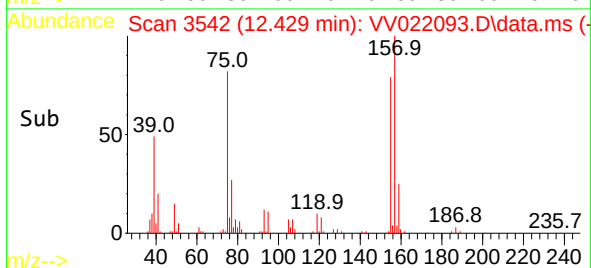
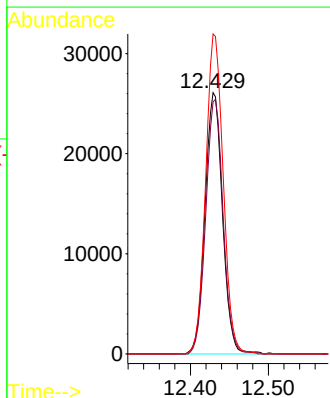
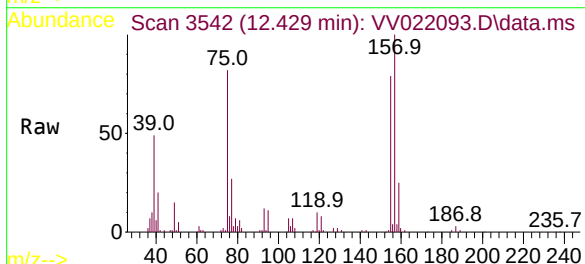
Instrument :
MSVOA_V
ClientSampled :

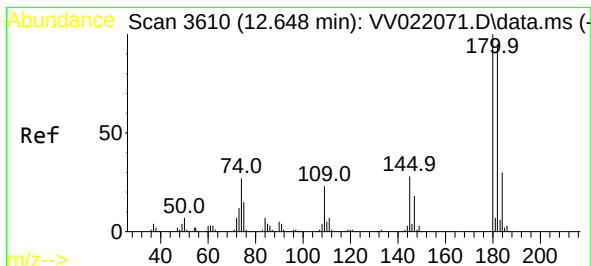
Tgt Ion:146 Resp: 263143
Ion Ratio Lower Upper
146 100
111 40.9 31.6 47.4
148 64.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 54.856 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion: 75 Resp: 40720
Ion Ratio Lower Upper
75 100
155 96.5 79.8 119.6
157 122.5 98.3 147.5

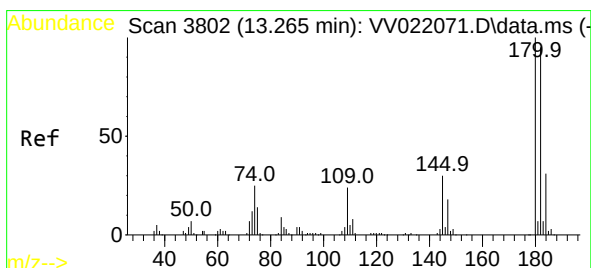
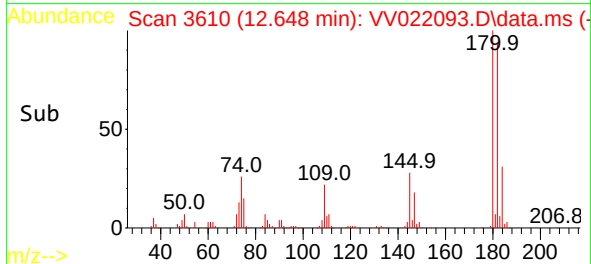
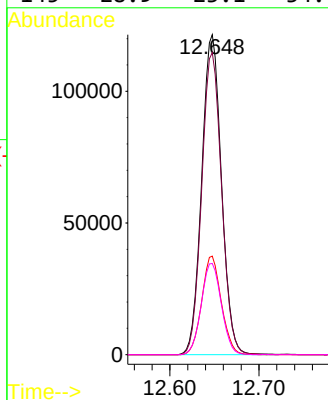
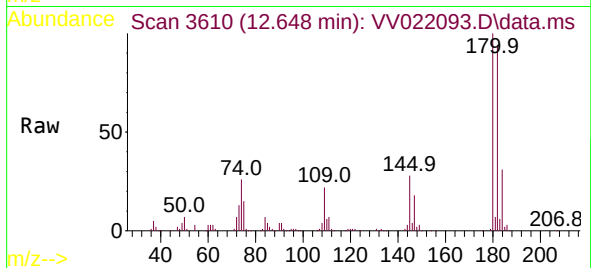




#69
1,3,5-Trichlorobenzene
Concen: 44.167 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

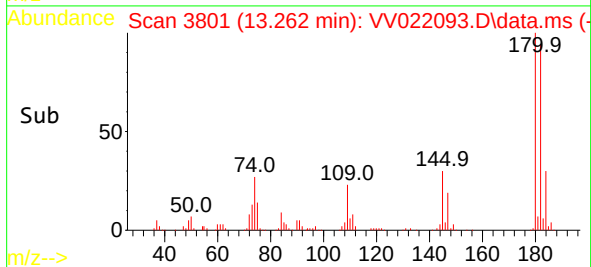
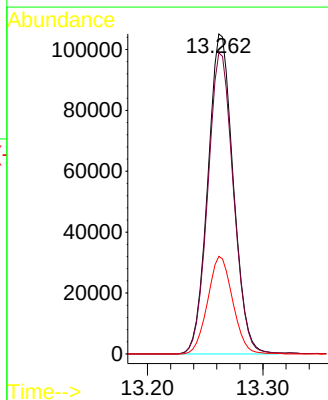
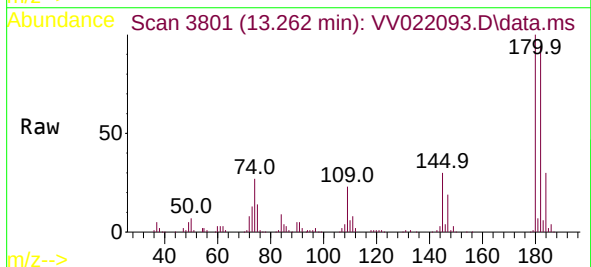
Instrument :
MSVOA_V
ClientSampled :

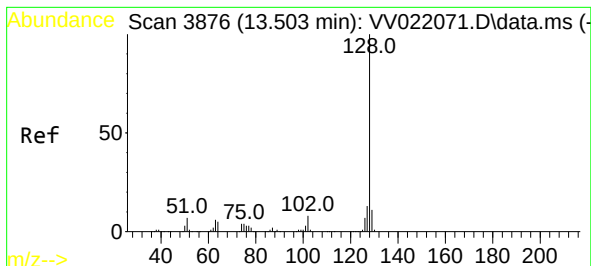
Tgt Ion:	180	Resp:	187242
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.4	114.6
184	30.6	24.0	36.0
145	28.9	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 43.002 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion:	180	Resp:	160368
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.9	113.9
145	30.1	23.8	35.6

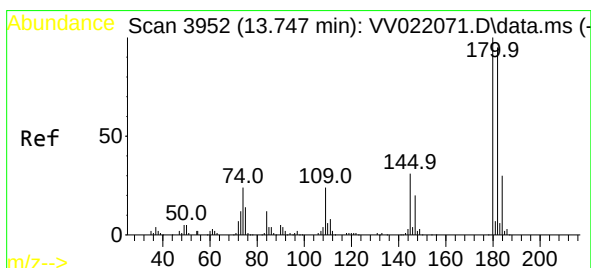
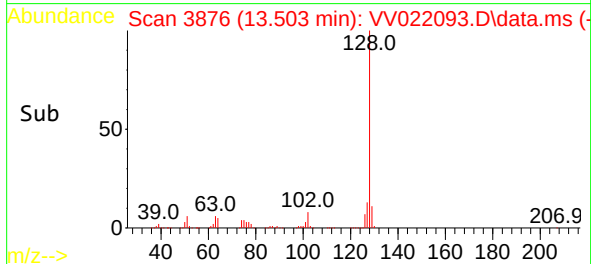
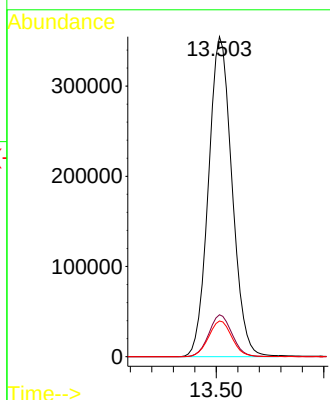
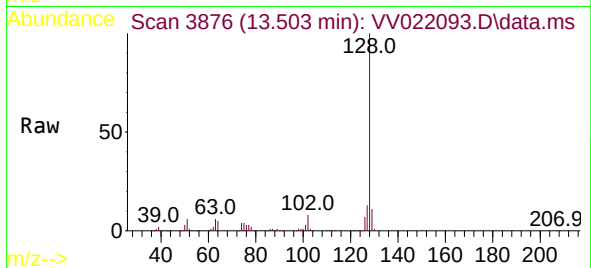




#71
Naphthalene
Concen: 50.347 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 540116
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 46.639 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022093.D
Acq: 02 Sep 2021 23:02

Tgt Ion:180 Resp: 169648
Ion Ratio Lower Upper
180 100
182 95.2 76.3 114.5
145 31.3 25.4 38.0

