

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021354.D
 Acq On : 21 May 2021 12:40
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:38:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	309272	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	286422	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	161614	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95570	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.565	69	79294	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.105	63	162548	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.912	46	273093	50.66	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	4.346	84	207659	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.031	65	97671	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.047	84	424689	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.069	67	128303	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.313	98	400229	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloroprop...	7.622	79	55186	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.088	63	205676	52.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.22%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	78432	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
66) 1,2-Dichlorobenzene-d4	11.622	152	164654	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	104188	4.48	ug/L	99
3) Chloromethane	1.240	50	97977	4.63	ug/L	100
5) Vinyl chloride	1.307	62	97687	4.58	ug/L	99
6) Bromomethane	1.519	94	65339	4.64	ug/L	99
8) Chloroethane	1.584	64	58435	4.62	ug/L	99
9) Trichlorofluoromethane	1.751	101	143212	4.61	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	77800	4.40	ug/L	93
12) 1,1-Dichloroethene	2.114	96	77153	4.52	ug/L	90
13) Acetone	2.214	43	48332	16.57	ug/L #	4
14) Carbon disulfide	2.288	76	281349	4.70	ug/L	100
15) Methyl Acetate	2.445	43	34796	5.13	ug/L	99
16) Methylene chloride	2.503	84	112376	4.62	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	231142	4.70	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	98206	4.70	ug/L	98
19) 1,1-Dichloroethane	3.185	63	173368	4.72	ug/L	98
21) 2-Butanone	3.998	43	237482	45.79	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	107643	4.71	ug/L	99
23) Bromochloromethane	4.246	128	47741	4.67	ug/L	98
25) Chloroform	4.371	83	178892	4.63	ug/L	98

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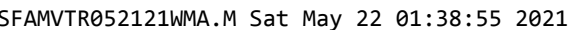
Instrument :
 MSVOA_V
 ClientSampleId :

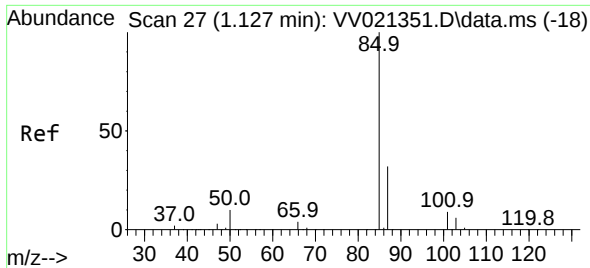
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	98477	4.63	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	163838	4.66	ug/L	98
30) Cyclohexane	4.670	56	151951	4.39	ug/L	99
31) Carbon tetrachloride	4.825	117	143457	4.57	ug/L	98
33) Benzene	5.095	78	383628	4.74	ug/L	100
34) Trichloroethene	5.912	95	114165	4.67	ug/L	99
35) Methylcyclohexane	6.127	83	163967	4.43	ug/L	99
37) 1,2-Dichloropropane	6.172	63	94328	4.74	ug/L	99
38) Bromodichloromethane	6.510	83	130206	4.78	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	151862	4.76	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	595717	47.50	ug/L	97
42) Toluene	7.387	91	424864	4.69	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	128406	4.76	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	68837	4.65	ug/L	98
47) Tetrachloroethene	7.973	164	91026	4.56	ug/L	97
48) 2-Hexanone	8.140	43	432659	47.60	ug/L	97
49) Dibromochloromethane	8.246	129	94533	4.74	ug/L	99
50) 1,2-Dibromoethane	8.352	107	66533	4.66	ug/L	98
51) Chlorobenzene	8.879	112	276920	4.64	ug/L	99
52) Ethylbenzene	9.011	91	466860	4.64	ug/L	98
53) m,p-xylene	9.137	106	180734	4.67	ug/L	98
54) o-xylene	9.542	106	177529	4.70	ug/L	98
55) Styrene	9.558	104	298784	4.72	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	61142	4.57	ug/L	99
59) Bromoform	9.731	173	58208	4.78	ug/L	99
60) Isopropylbenzene	9.928	105	477577	4.60	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	57898	4.82	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	414037	4.66	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	428562	4.71	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	238699	4.77	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	236597	4.73	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	219935	4.76	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11678	4.87	ug/L	88
69) 1,3,5-Trichlorobenzene	12.641	180	209253	4.83	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	170911	5.03	ug/L	98
71) Naphthalene	13.500	128	254032	5.48	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	152157	5.09	ug/L	99

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

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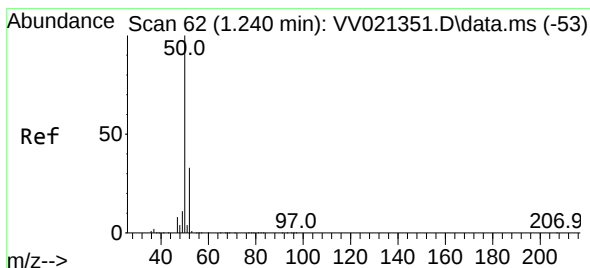
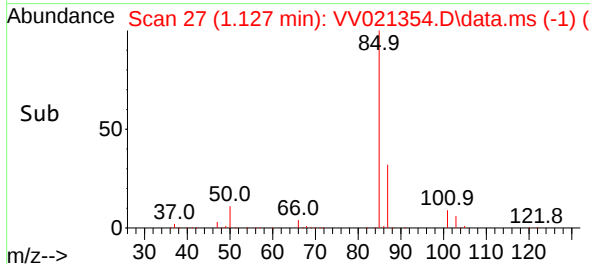
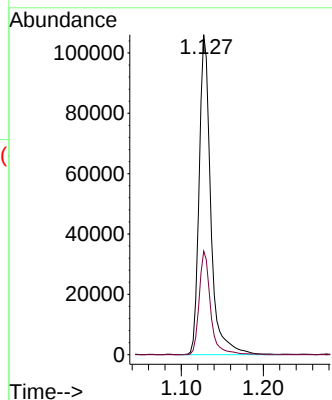
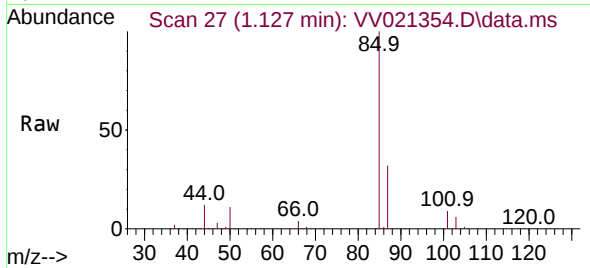




#2
Dichlorodifluoromethane
Concen: 4.48 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

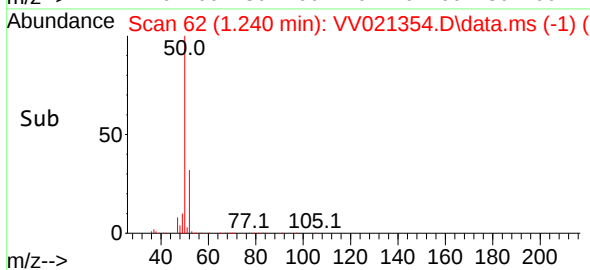
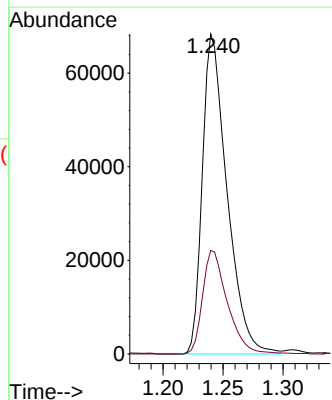
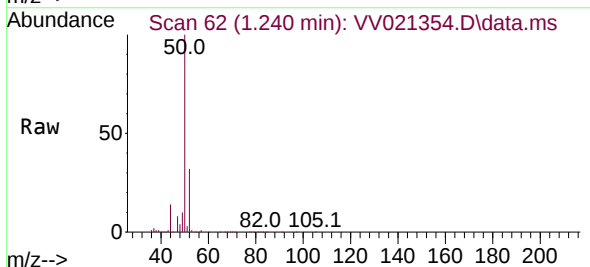
Instrument :
MSVOA_V
ClientSampled :

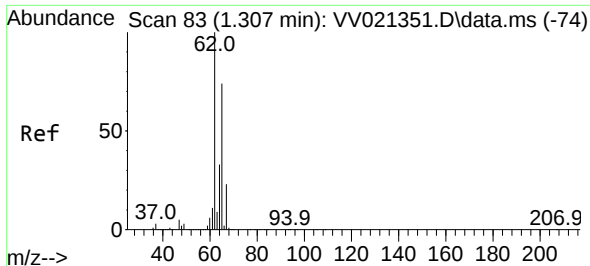
Tgt Ion: 85 Resp: 104188
Ion Ratio Lower Upper
85 100
87 31.7 25.7 38.5



#3
Chloromethane
Concen: 4.63 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 50 Resp: 97977
Ion Ratio Lower Upper
50 100
52 32.4 22.5 41.9

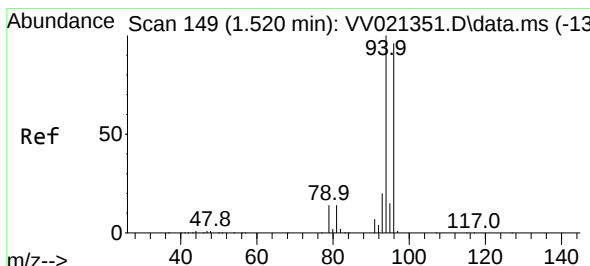
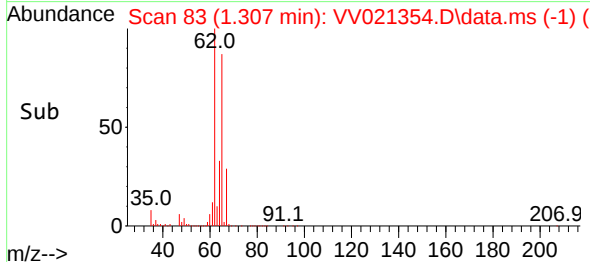
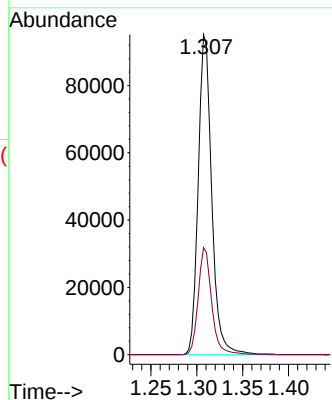
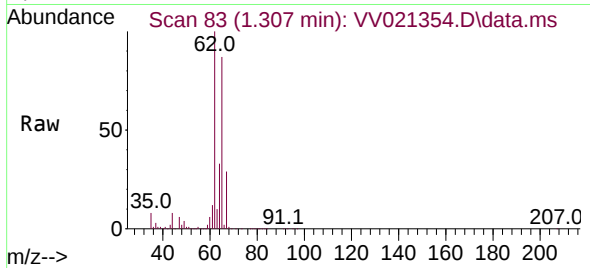




#5
 Vinyl chloride
 Concen: 4.58 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021354.D
 Acq: 21 May 2021 12:40

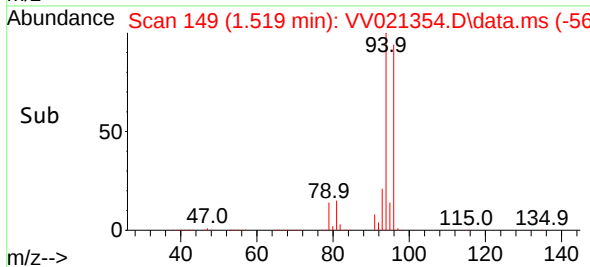
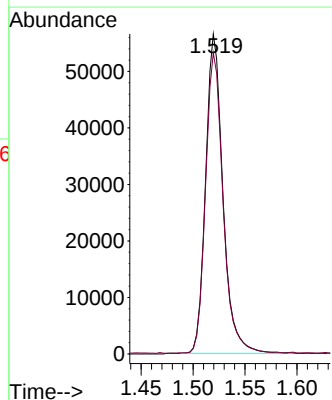
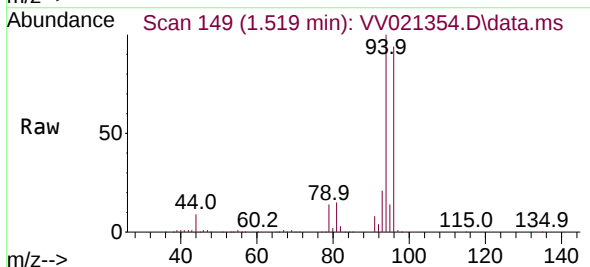
Instrument :
 MSVOA_V
 ClientSampled :

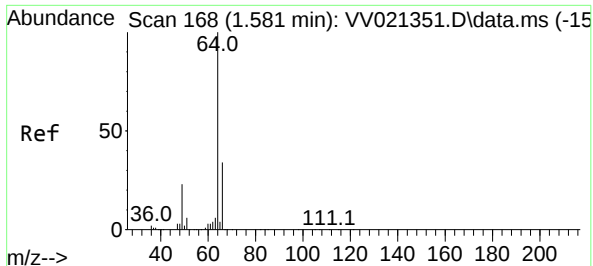
Tgt Ion: 62 Resp: 97687
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.64 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021354.D
 Acq: 21 May 2021 12:40

Tgt Ion: 94 Resp: 65339
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.0 120.6

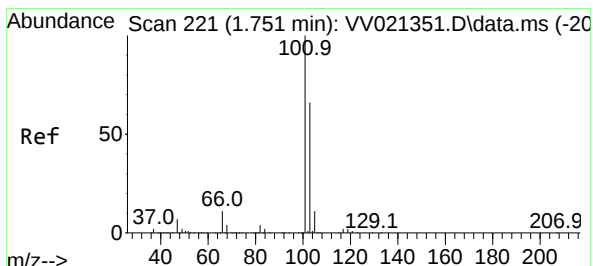
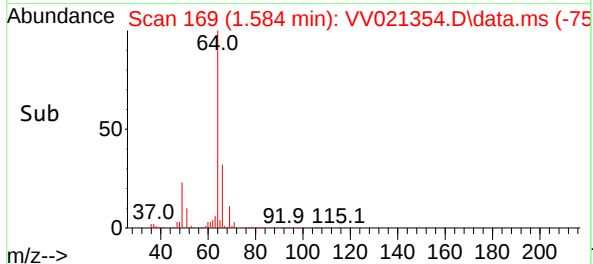
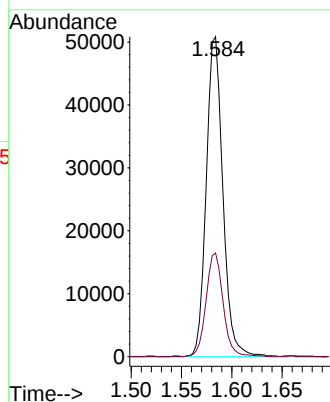
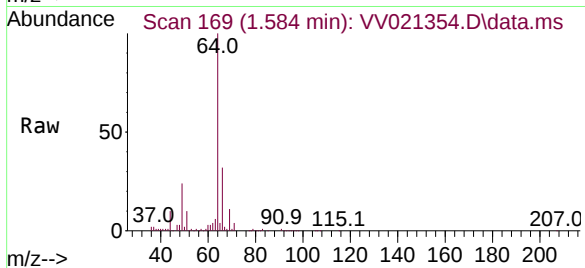




#8
Chloroethane
Concen: 4.62 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

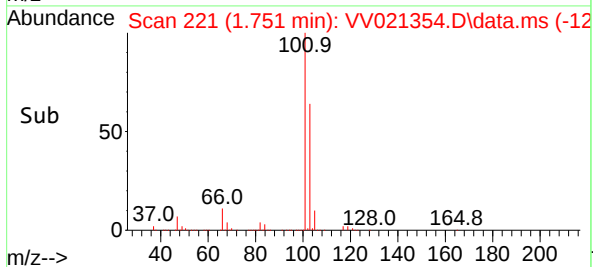
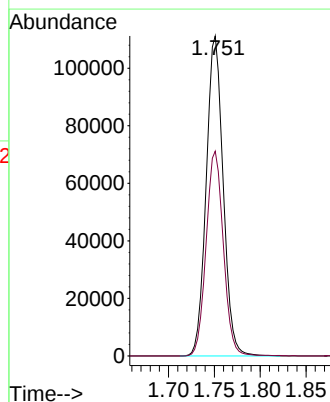
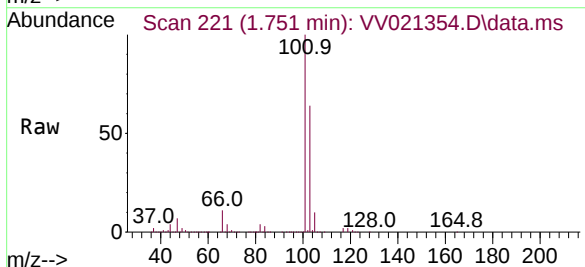
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MSVOA_V
ClientSampled :

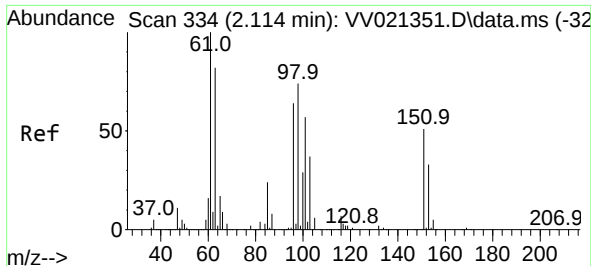
Tgt Ion: 64 Resp: 58435
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.61 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 101 Resp: 143212
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.40 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021354.D

Acq: 21 May 2021 12:40

Tgt Ion:101 Resp: 77800

Ion Ratio Lower Upper

101 100

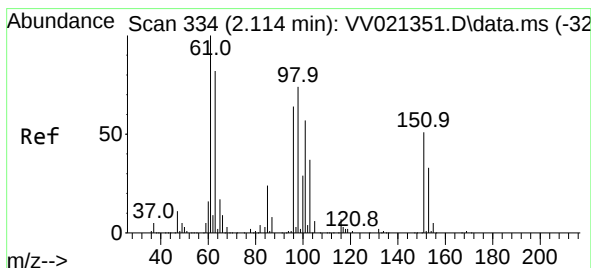
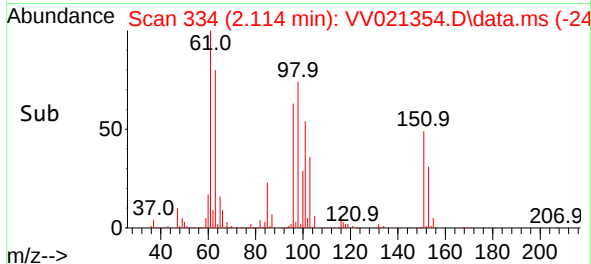
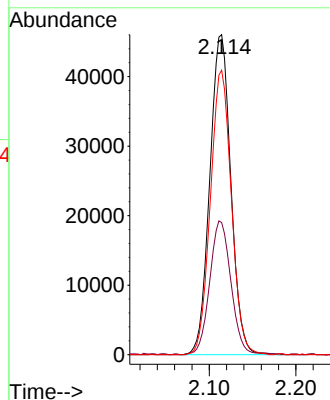
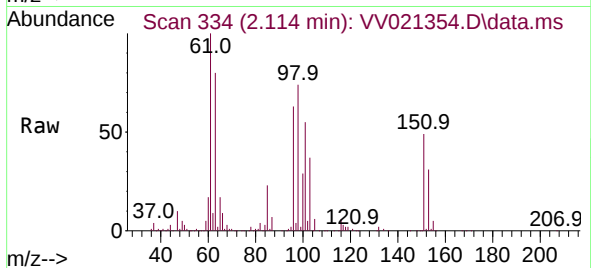
85 42.3 33.0 49.6

151 88.5 64.2 96.2

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 4.52 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021354.D

Acq: 21 May 2021 12:40

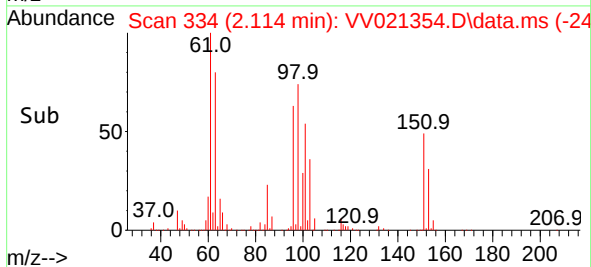
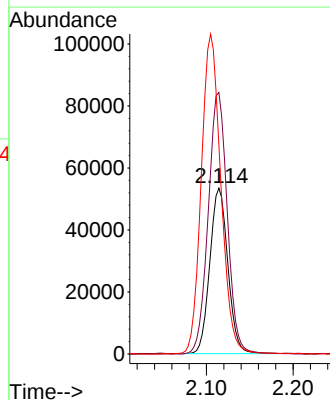
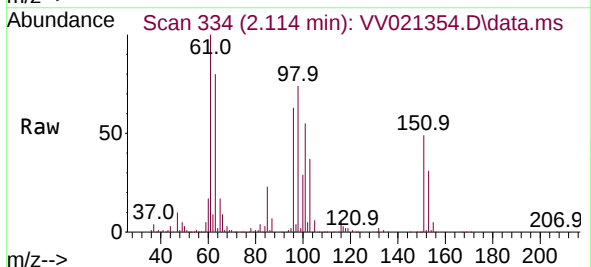
Tgt Ion: 96 Resp: 77153

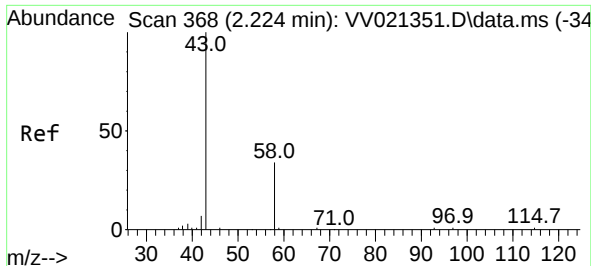
Ion Ratio Lower Upper

96 100

61 157.7 109.8 204.0

63 125.7 71.3 132.3

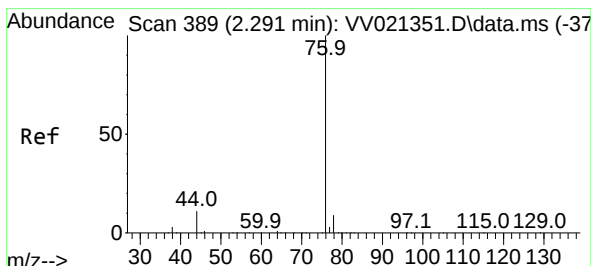
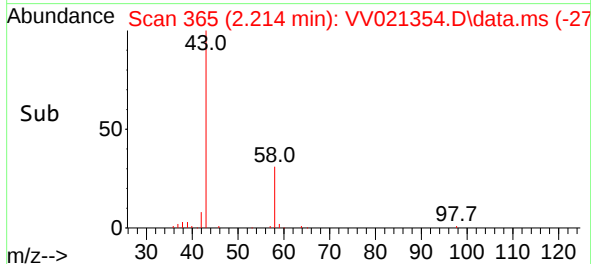
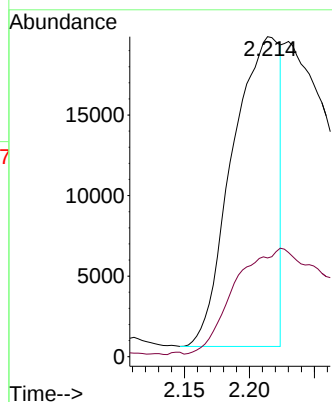
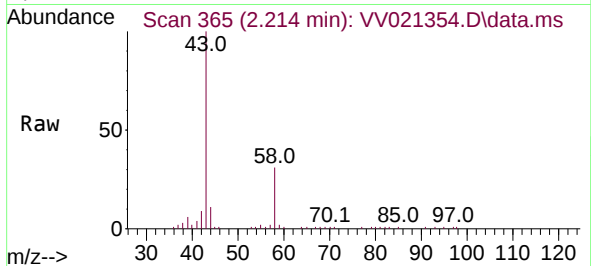




#13
Acetone
Concen: 16.57 ug/L
RT: 2.214 min Scan# 365
Delta R.T. -0.010 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

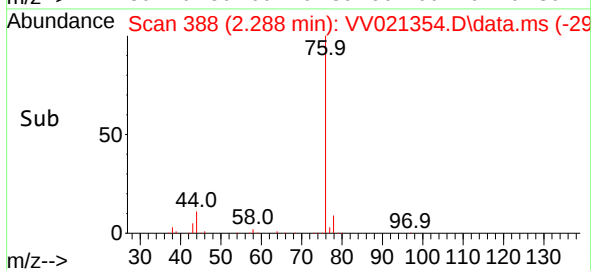
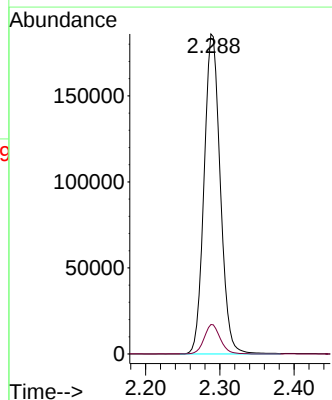
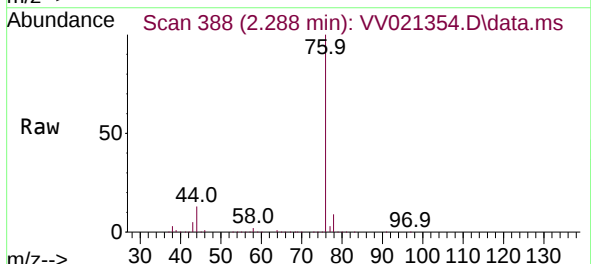
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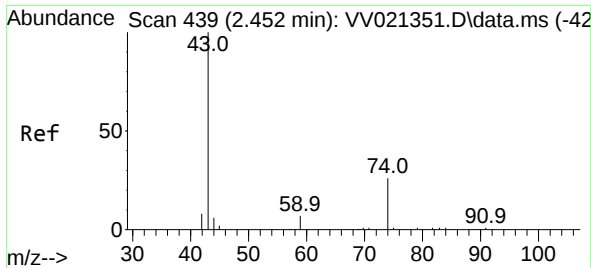
Tgt Ion: 43 Resp: 48332
Ion Ratio Lower Upper
43 100
58 88.7 0.0 67.4#



#14
Carbon disulfide
Concen: 4.70 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 76 Resp: 281349
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

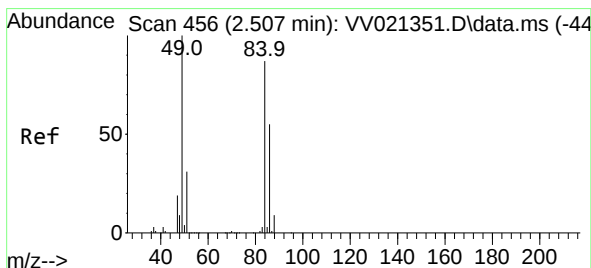
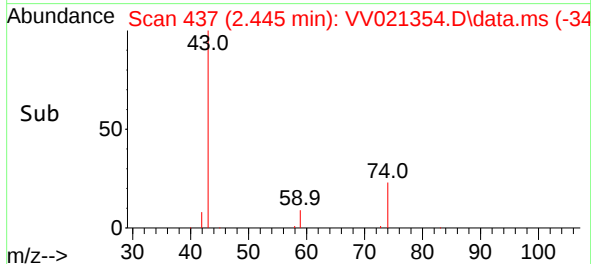
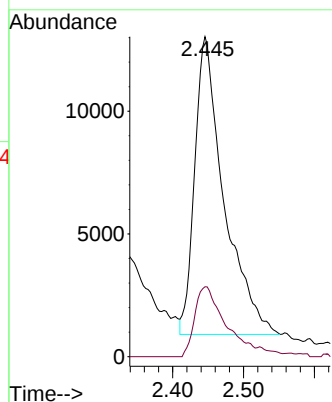
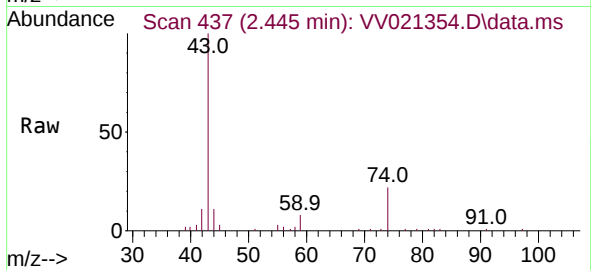




#15
Methyl Acetate
Concen: 5.13 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.006 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

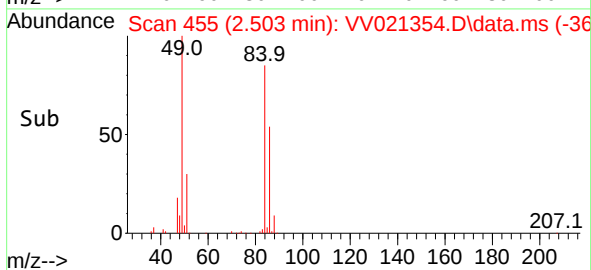
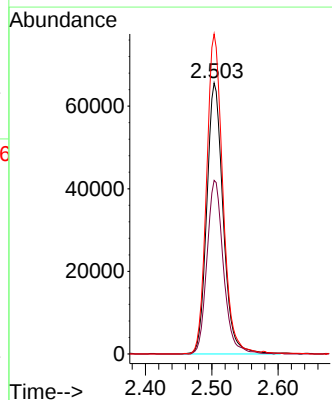
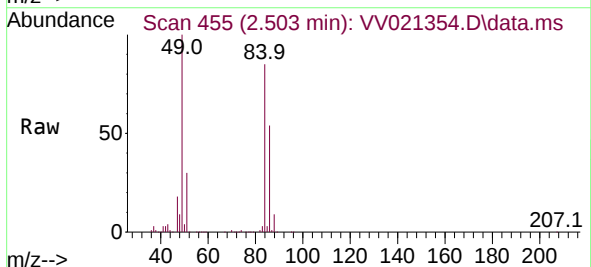
Instrument :
MSVOA_V
ClientSampled :

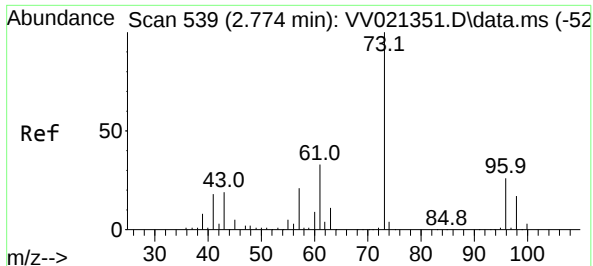
Tgt Ion: 43 Resp: 34796
Ion Ratio Lower Upper
43 100
74 24.6 20.1 30.1



#16
Methylene chloride
Concen: 4.62 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 84 Resp: 112376
Ion Ratio Lower Upper
84 100
86 64.0 47.2 87.6
49 118.1 81.9 152.1



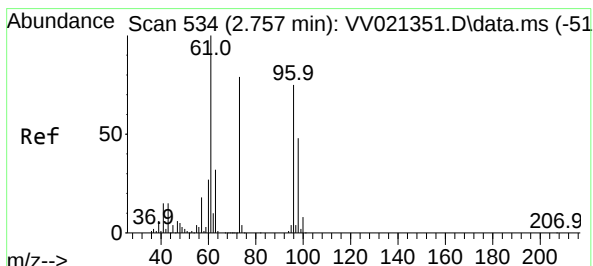
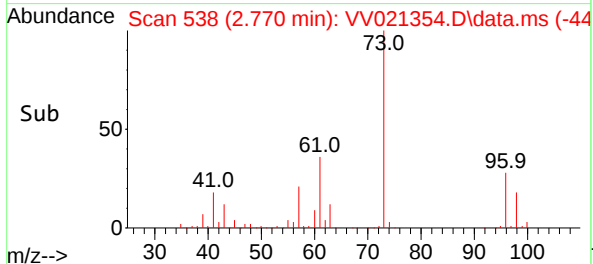
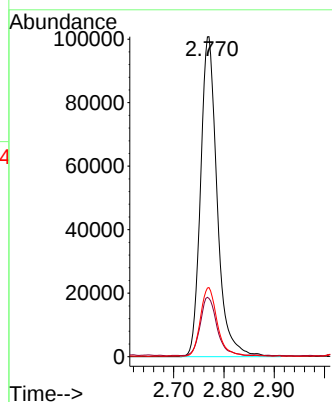
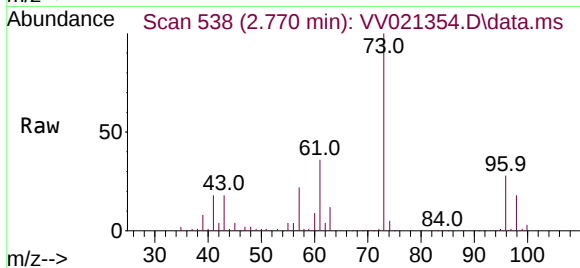


#17

Methyl tert-butyl Ether
Concen: 4.70 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Instrument :
MSVOA_V
ClientSampleId :

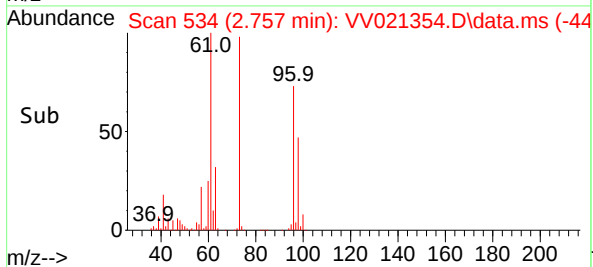
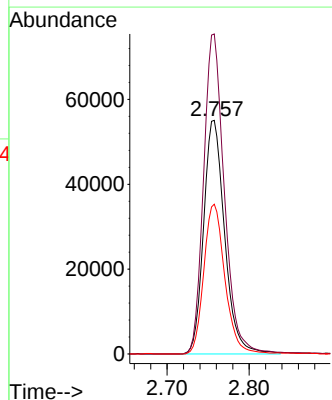
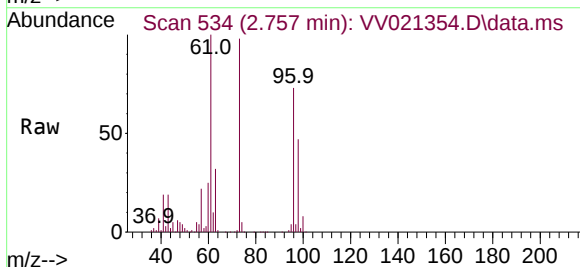
Tgt Ion: 73	Resp: 231142
Ion Ratio	Lower Upper
73 100	
43 18.2	15.3 22.9
57 21.6	17.0 25.6

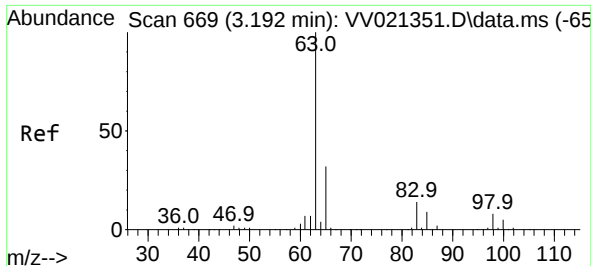


#18

trans-1,2-Dichloroethene
Concen: 4.70 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 96	Resp: 98206
Ion Ratio	Lower Upper
96 100	
61 137.0	94.1 174.8
98 64.1	45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.72 ug/L

RT: 3.185 min Scan# 667

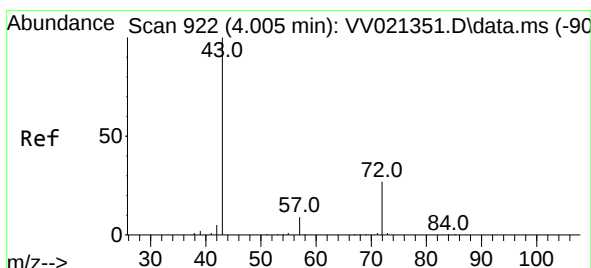
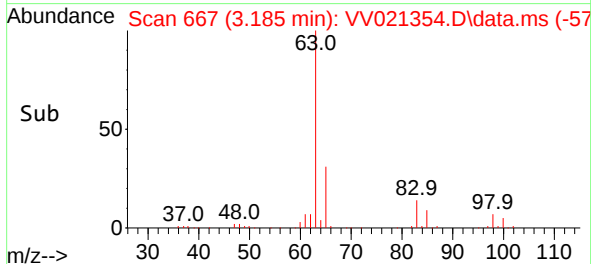
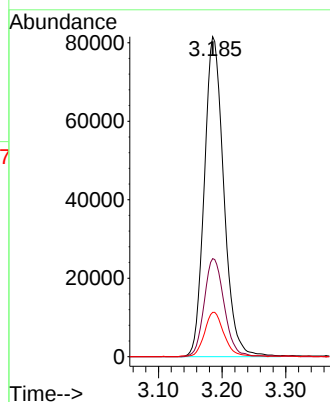
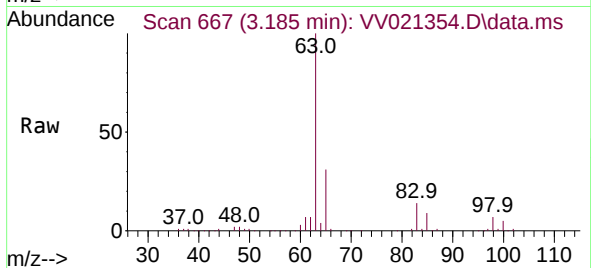
Delta R.T. -0.006 min

Lab File: VV021354.D

Acq: 21 May 2021 12:40

Tgt Ion: 63 Resp: 173368

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.3	41.5
83	13.9	9.7	17.9



#21

2-Butanone

Concen: 45.79 ug/L

RT: 3.998 min Scan# 920

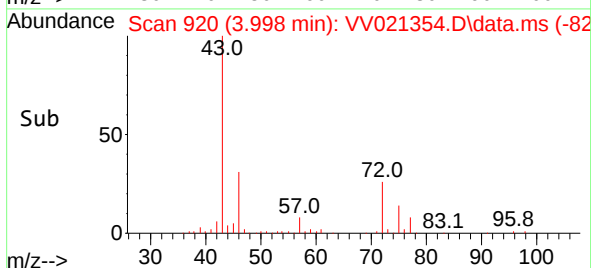
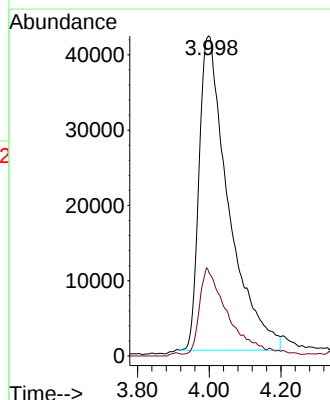
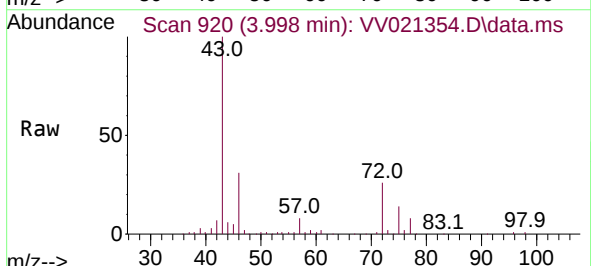
Delta R.T. -0.007 min

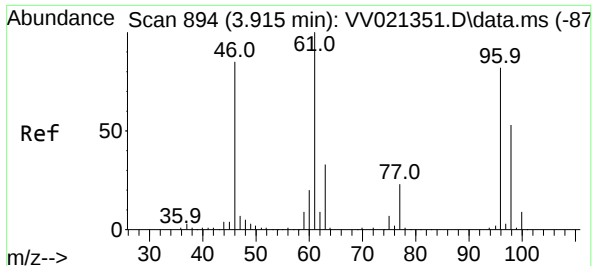
Lab File: VV021354.D

Acq: 21 May 2021 12:40

Tgt Ion: 43 Resp: 237482

Ion	Ratio	Lower	Upper
43	100		
72	25.7	14.5	43.5

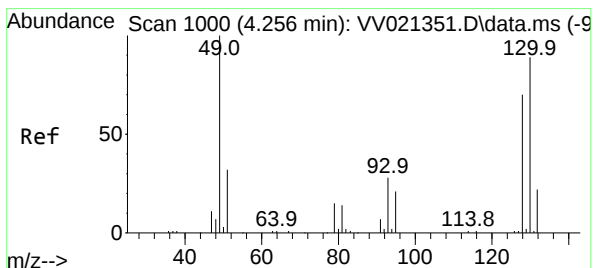
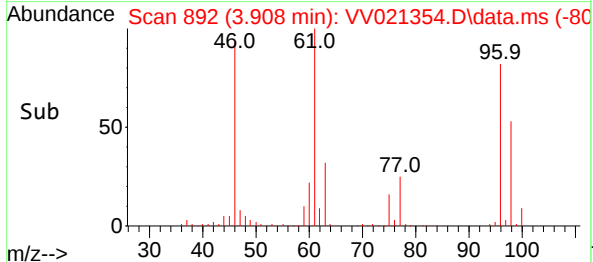
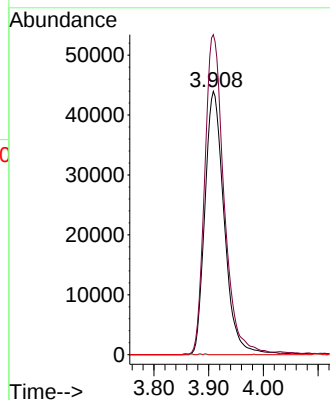
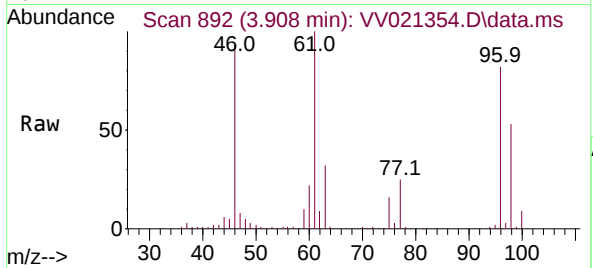




#22
 cis-1,2-Dichloroethene
 Concen: 4.71 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.006 min
 Lab File: VV021354.D
 Acq: 21 May 2021 12:40

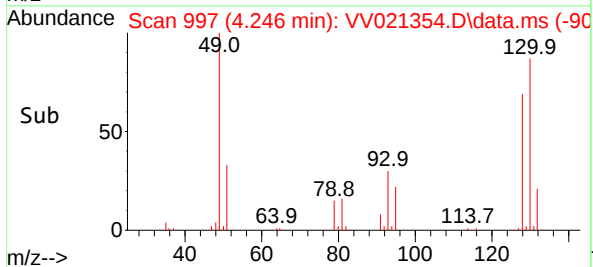
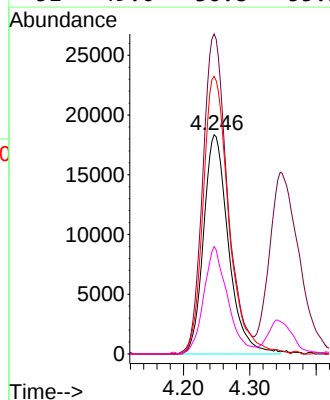
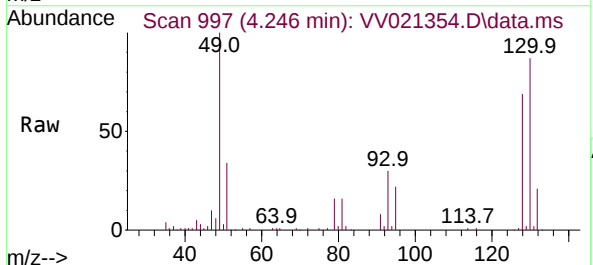
Instrument :
 MSVOA_V
 ClientSampled :

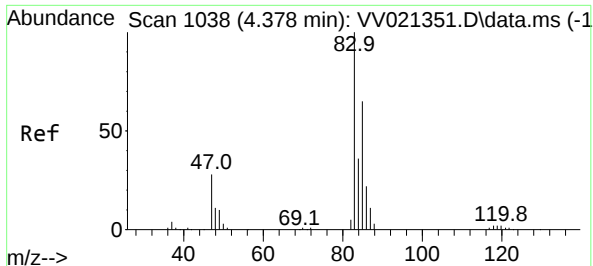
Tgt Ion: 96 Resp: 107643
 Ion Ratio Lower Upper
 96 100
 61 121.5 84.6 157.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.67 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.010 min
 Lab File: VV021354.D
 Acq: 21 May 2021 12:40

Tgt Ion: 128 Resp: 47741
 Ion Ratio Lower Upper
 128 100
 49 145.9 100.0 185.8
 130 126.6 87.4 162.2
 51 49.0 36.8 55.2



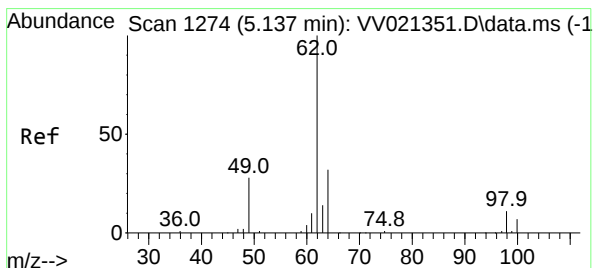
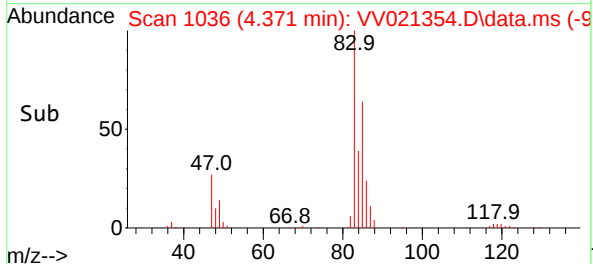
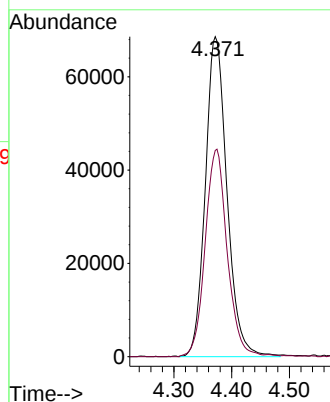
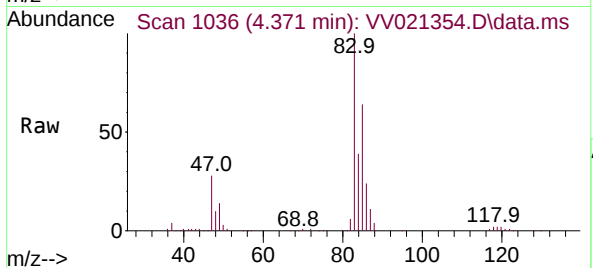


#25

Chloroform
Concen: 4.63 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Instrument :
MSVOA_V
ClientSampled :

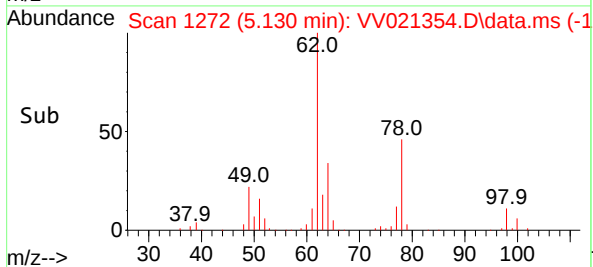
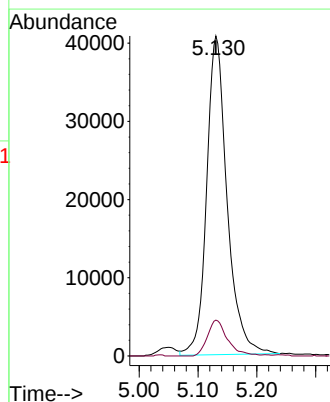
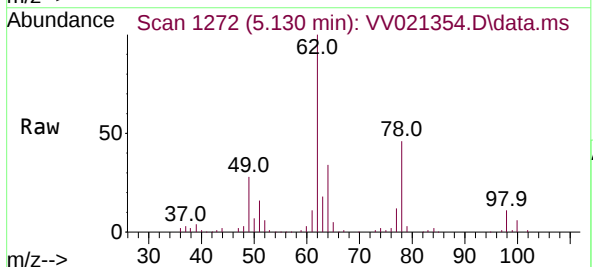
Tgt Ion: 83 Resp: 178892
Ion Ratio Lower Upper
83 100
85 64.5 46.4 86.2

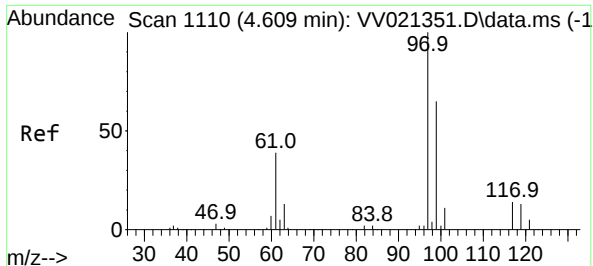


#27

1,2-Dichloroethane
Concen: 4.63 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 62 Resp: 98477
Ion Ratio Lower Upper
62 100
98 11.2 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.66 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.006 min

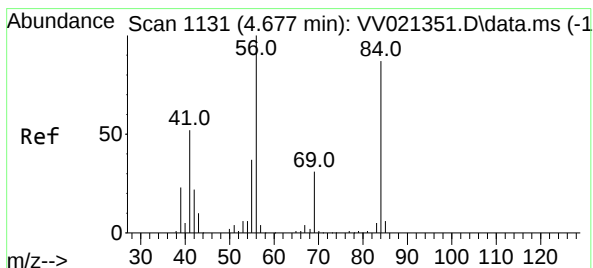
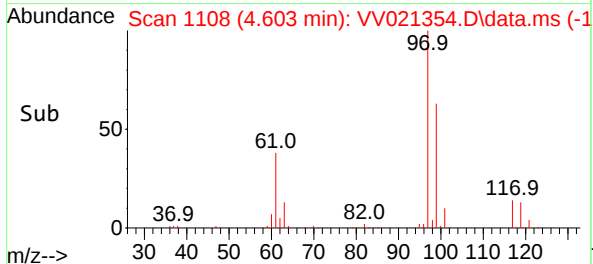
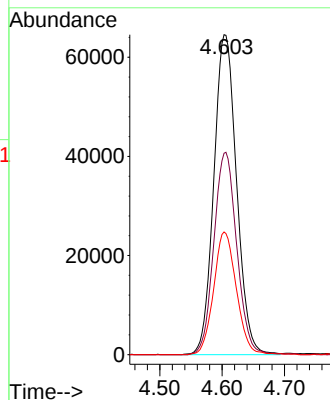
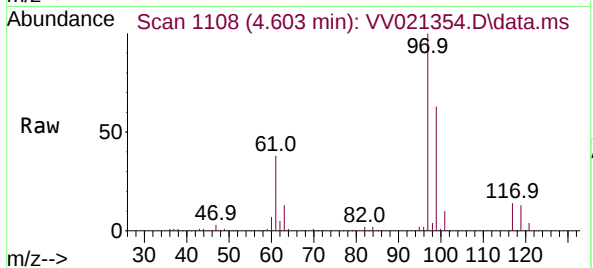
Lab File: VV021354.D

Acq: 21 May 2021 12:40

Tgt Ion: 97 Resp: 163838

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	75.8
61	38.1	33.2	49.8

Instrument :
MSVOA_V
ClientSampled :



#30

Cyclohexane

Concen: 4.39 ug/L

RT: 4.670 min Scan# 1129

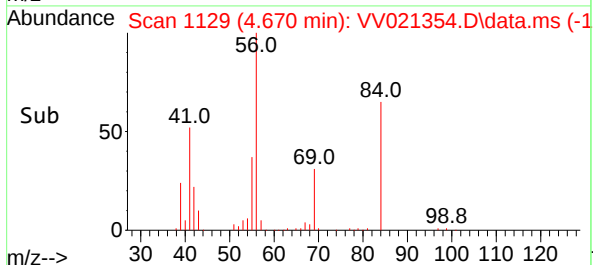
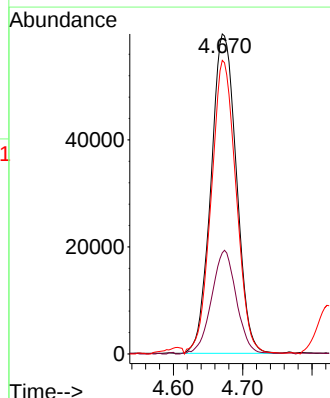
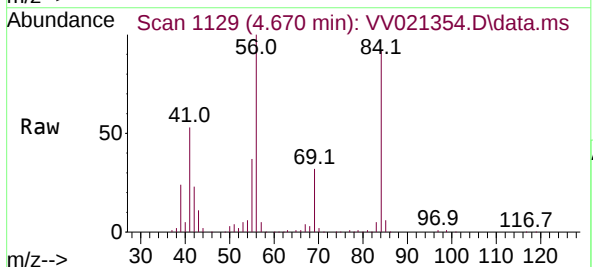
Delta R.T. -0.006 min

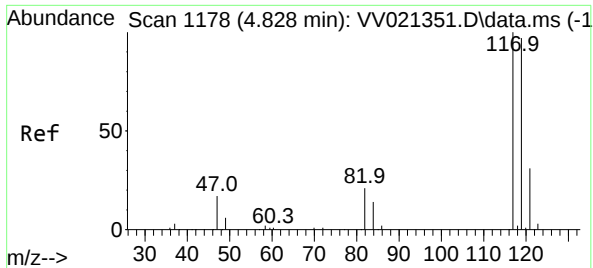
Lab File: VV021354.D

Acq: 21 May 2021 12:40

Tgt Ion: 56 Resp: 151951

Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.4	38.0
84	90.3	73.5	110.3

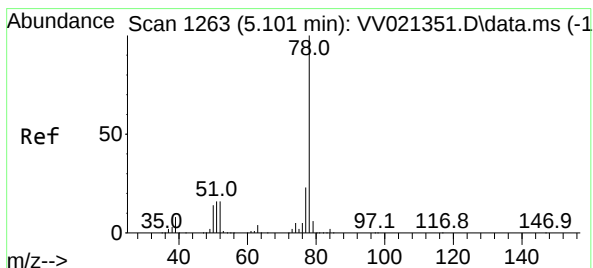
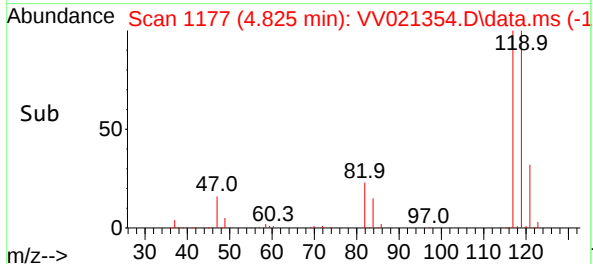
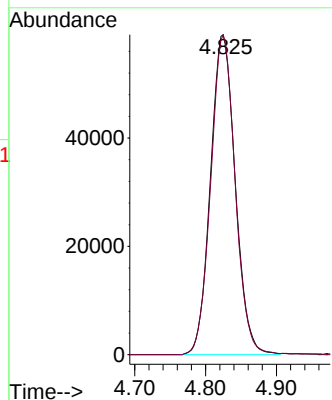
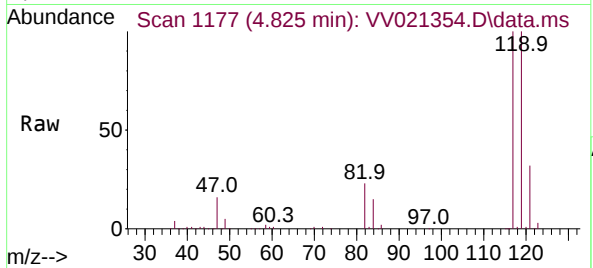




#31
Carbon tetrachloride
Concen: 4.57 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

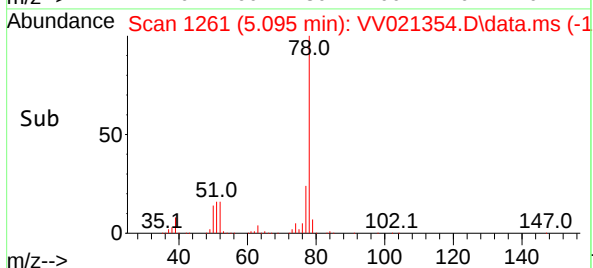
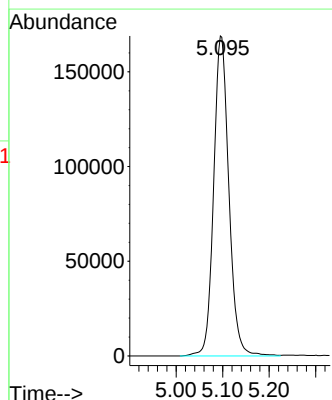
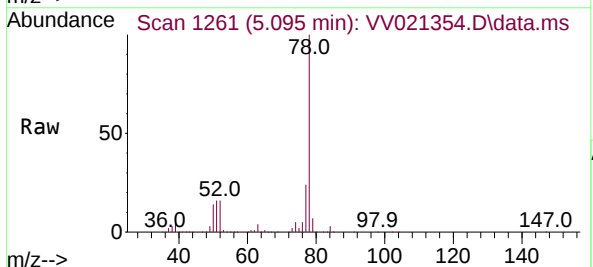
Instrument :
MSVOA_V
ClientSampled :

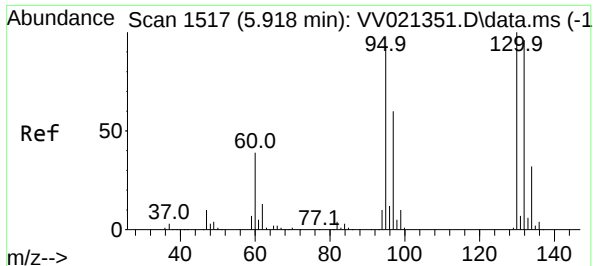
Tgt Ion:117 Resp: 143457
Ion Ratio Lower Upper
117 100
119 98.5 77.4 116.2



#33
Benzene
Concen: 4.74 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 78 Resp: 383628

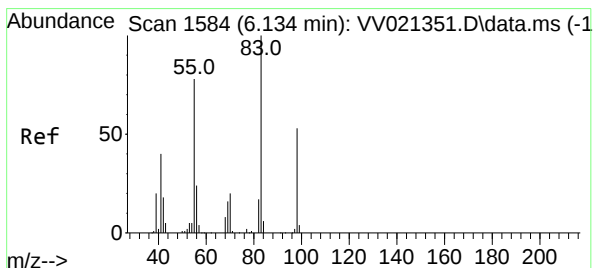
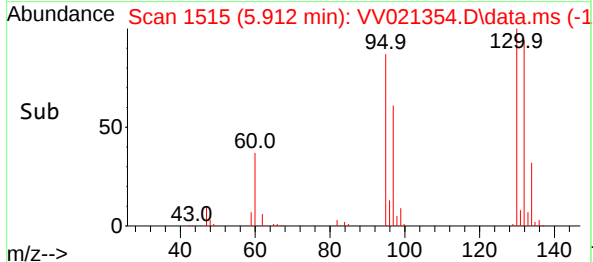
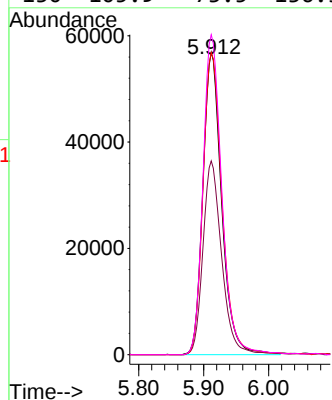
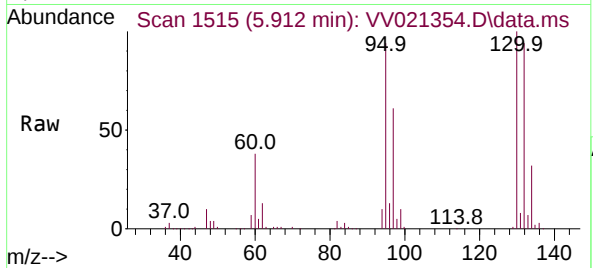




#34
Trichloroethene
Concen: 4.67 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

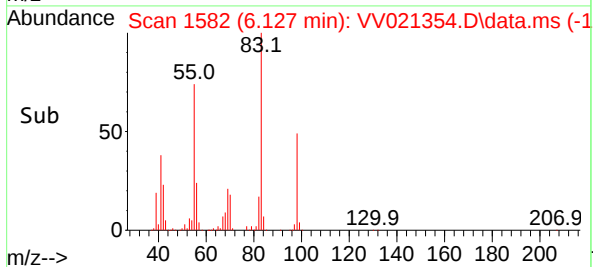
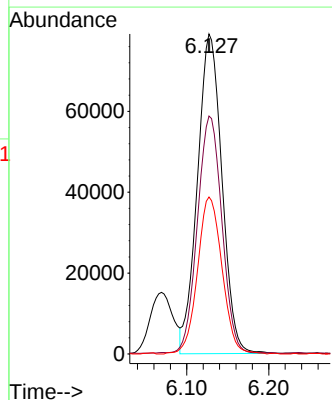
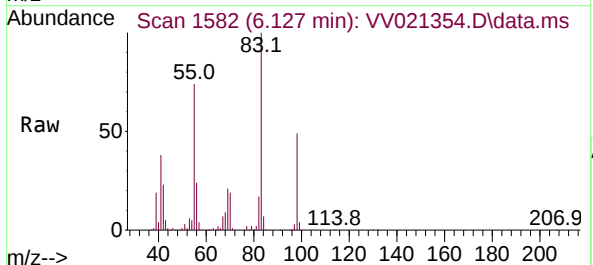
Instrument :
MSVOA_V
ClientSampled :

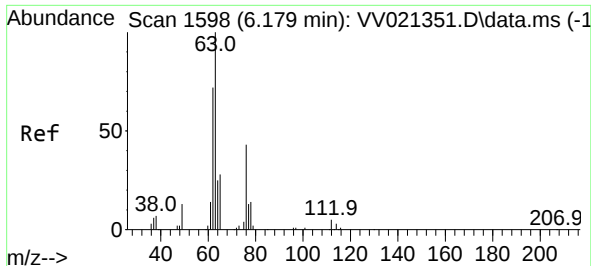
Tgt Ion	95	Resp:	114165
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.1	83.9
132	100.0	71.5	132.9
130	105.9	73.5	136.5



#35
Methylcyclohexane
Concen: 4.43 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion	83	Resp:	163967
Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.1	88.7
98	49.1	40.1	60.1





#37

1,2-Dichloropropane

Concen: 4.74 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.006 min

Lab File: VV021354.D

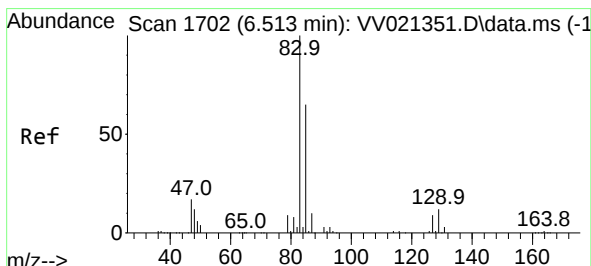
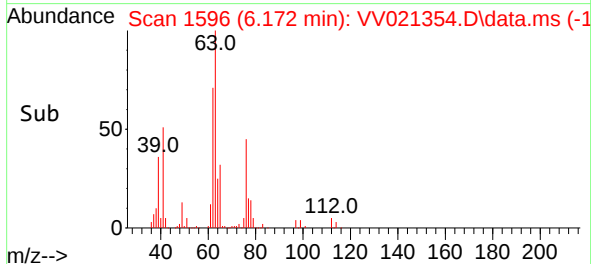
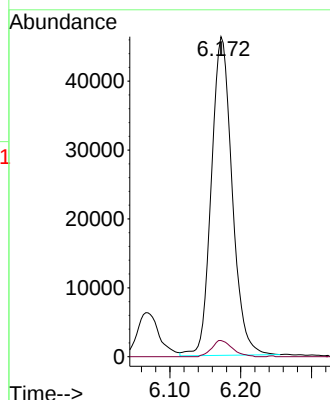
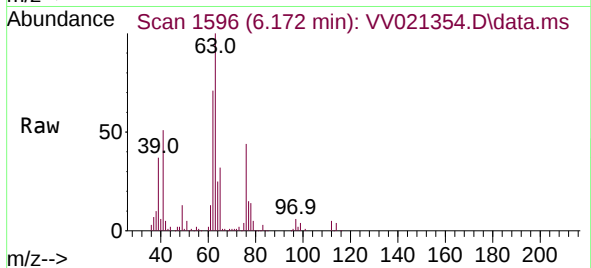
Acq: 21 May 2021 12:40

Tgt Ion: 63 Resp: 94328

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 4.78 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV021354.D

Acq: 21 May 2021 12:40

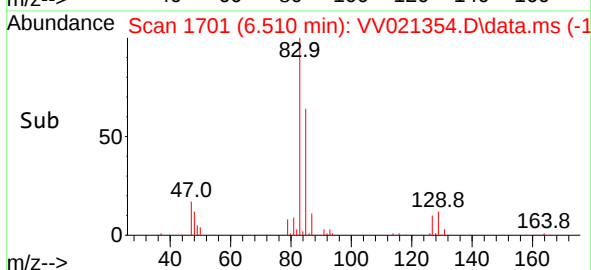
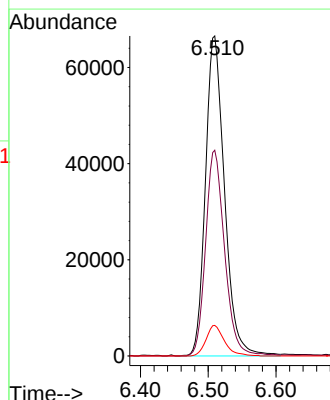
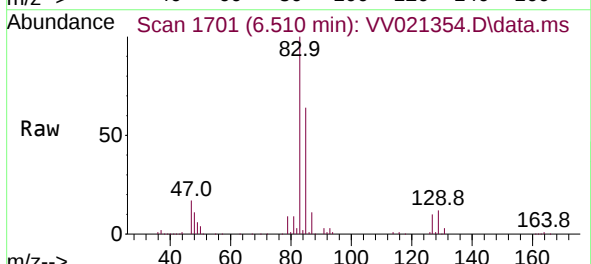
Tgt Ion: 83 Resp: 130206

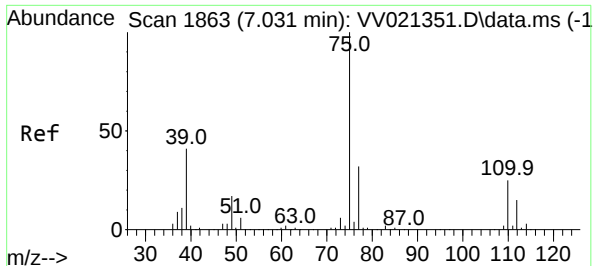
Ion Ratio Lower Upper

83 100

85 64.3 43.0 79.8

127 9.6 7.0 10.6

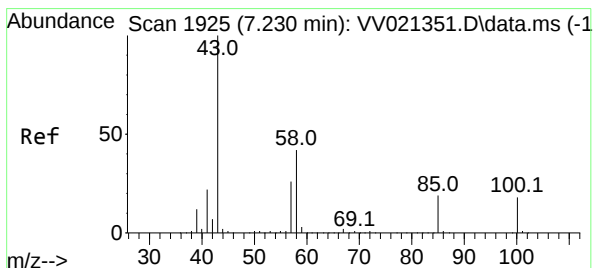
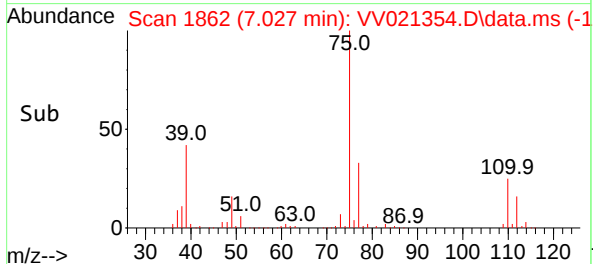
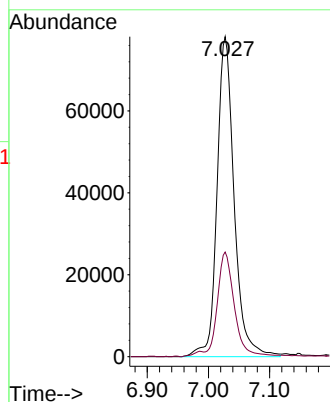
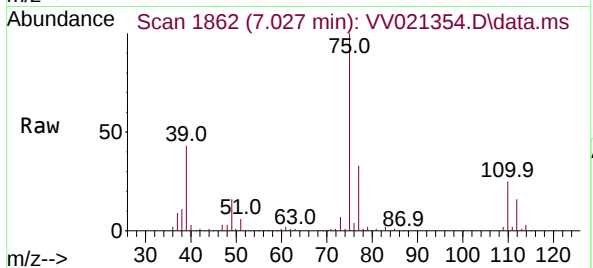




#39
 cis-1,3-Dichloropropene
 Concen: 4.76 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021354.D
 Acq: 21 May 2021 12:40

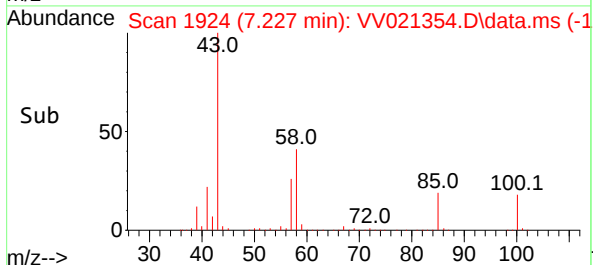
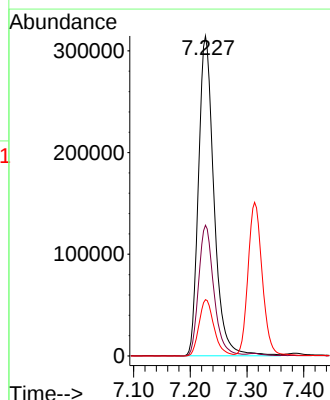
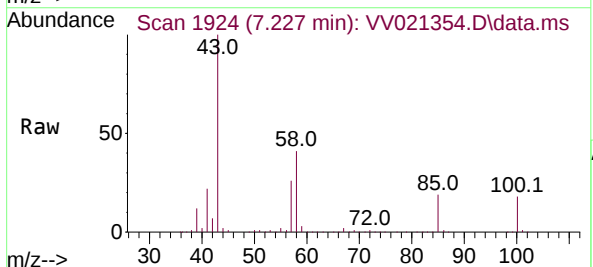
Instrument :
 MSVOA_V
 ClientSampled :

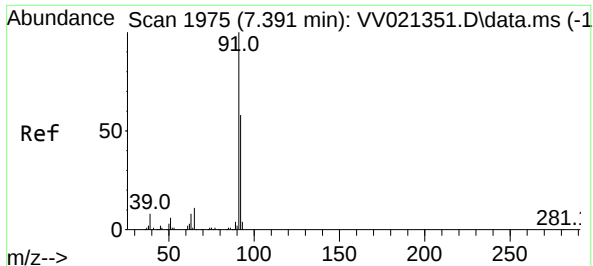
Tgt Ion: 75 Resp: 151862
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 47.50 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV021354.D
 Acq: 21 May 2021 12:40

Tgt Ion: 43 Resp: 595717
 Ion Ratio Lower Upper
 43 100
 58 40.4 34.1 51.1
 100 17.2 14.6 21.8





#42

Toluene

Concen: 4.69 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV021354.D

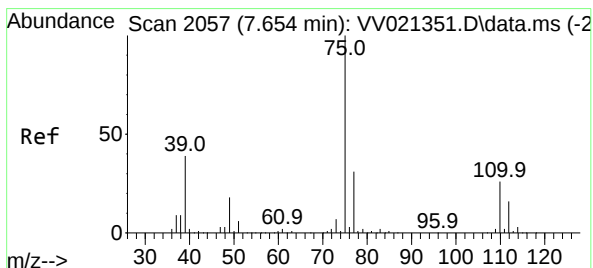
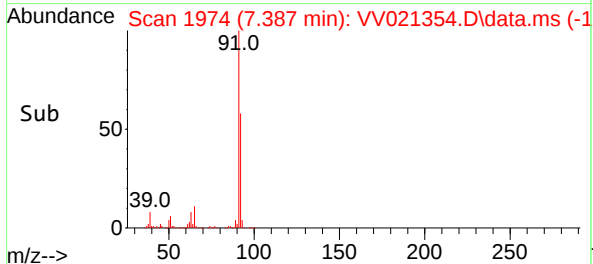
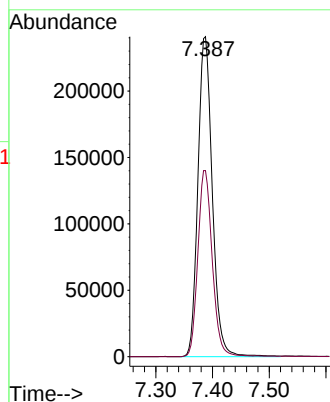
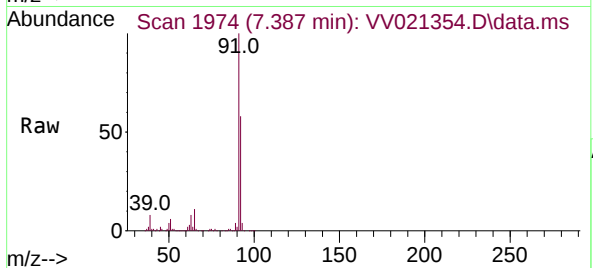
Acq: 21 May 2021 12:40

Tgt Ion: 91 Resp: 424864

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.76 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV021354.D

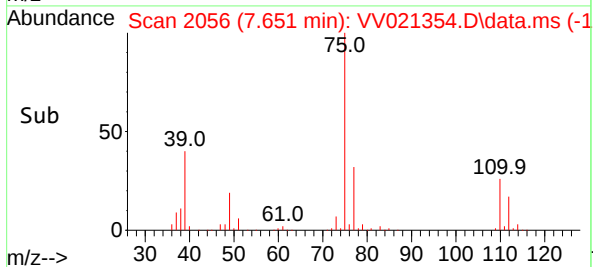
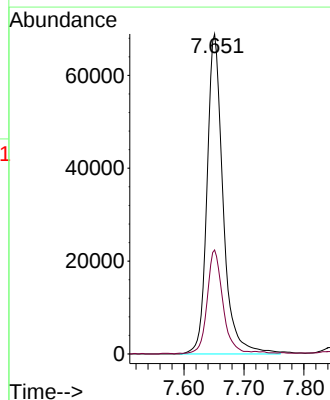
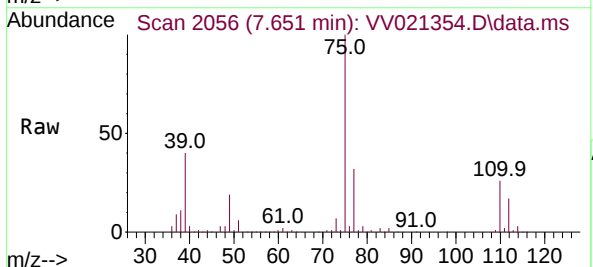
Acq: 21 May 2021 12:40

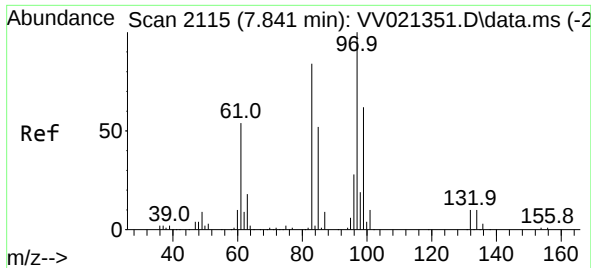
Tgt Ion: 75 Resp: 128406

Ion Ratio Lower Upper

75 100

77 32.5 22.9 42.5

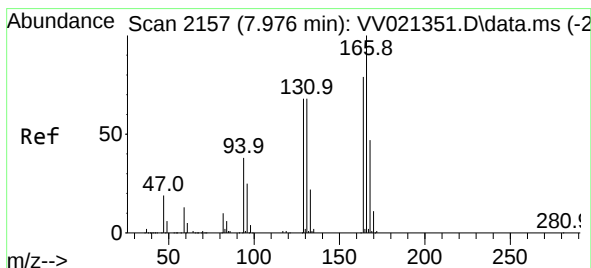
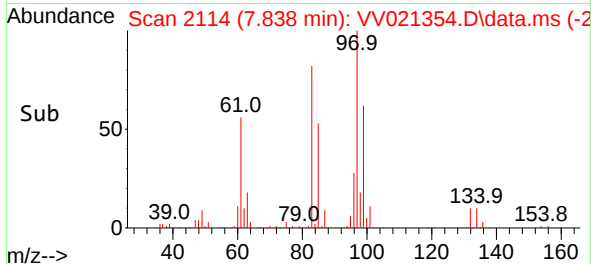
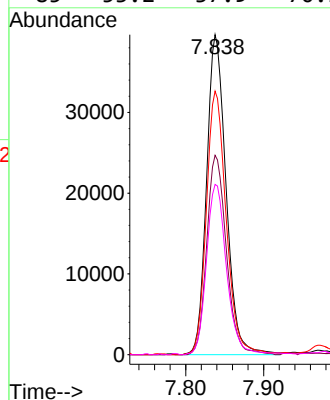
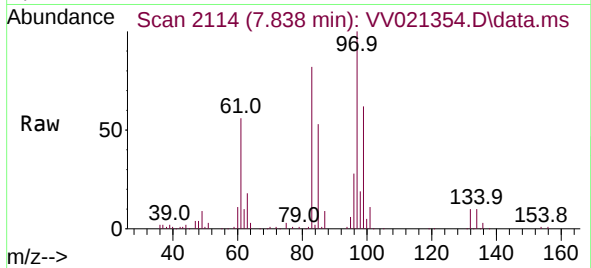




#45
1,1,2-Trichloroethane
Concen: 4.65 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

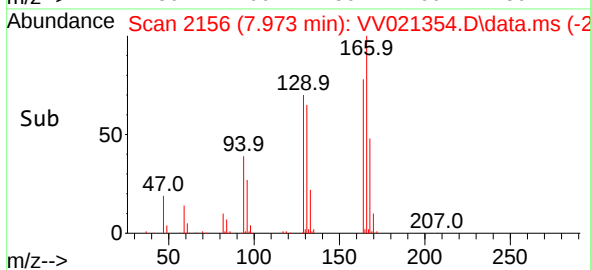
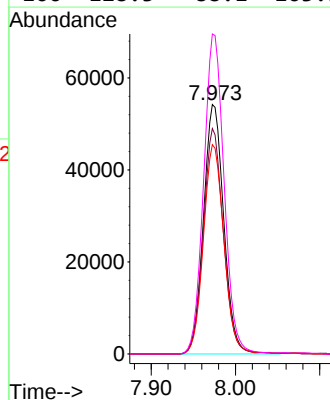
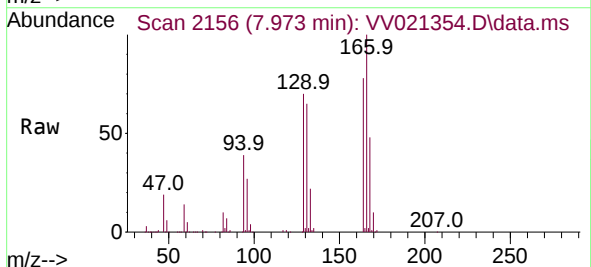
Instrument :
MSVOA_V
ClientSampleId :

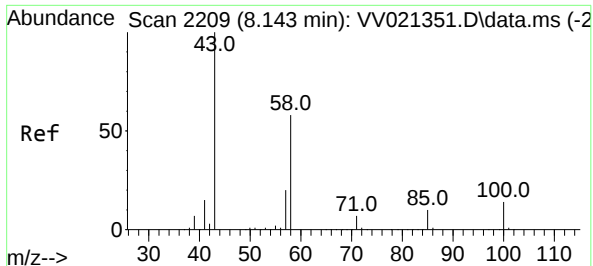
Tgt Ion:	97	Resp:	68837
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.1	81.9
83	82.4	59.4	110.4
85	53.2	37.9	70.5



#47
Tetrachloroethene
Concen: 4.56 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion:	164	Resp:	91026
Ion	Ratio	Lower	Upper
164	100		
129	90.4	65.0	120.6
131	83.9	61.8	114.8
166	128.3	88.1	163.5



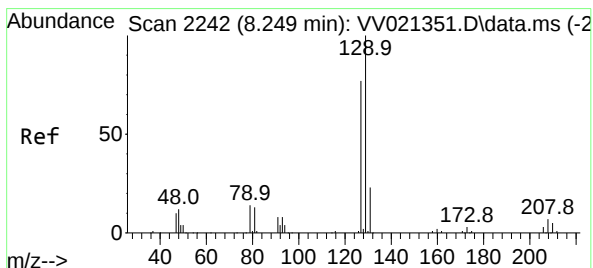
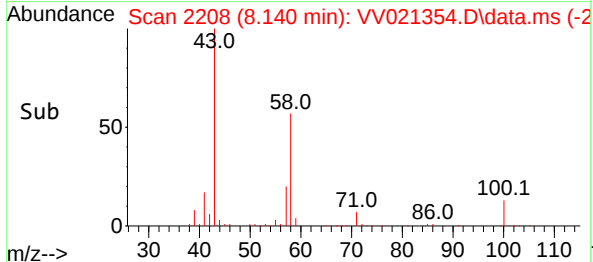
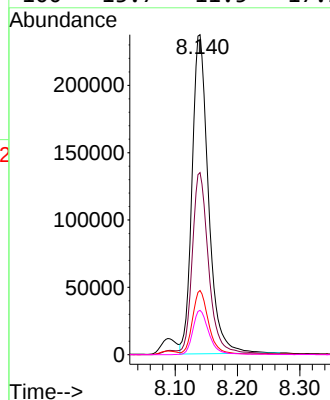
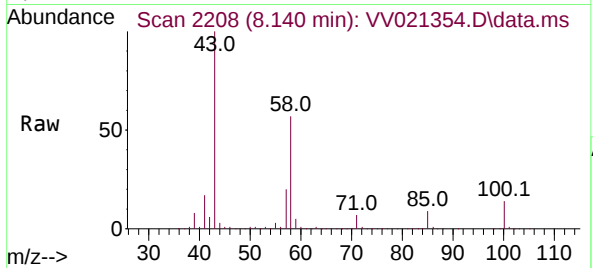


#48
2-Hexanone
Concen: 47.60 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 432659

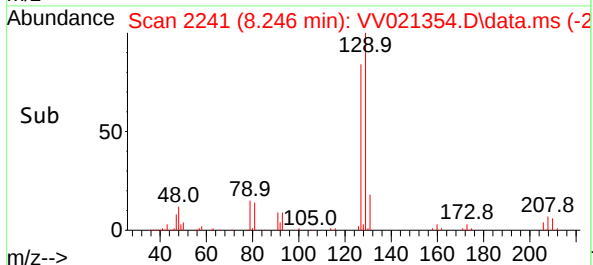
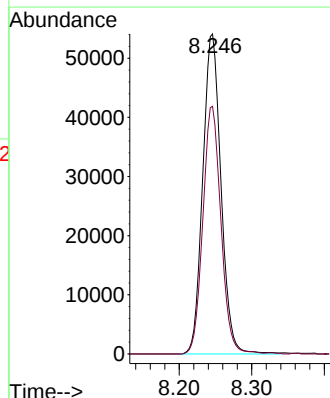
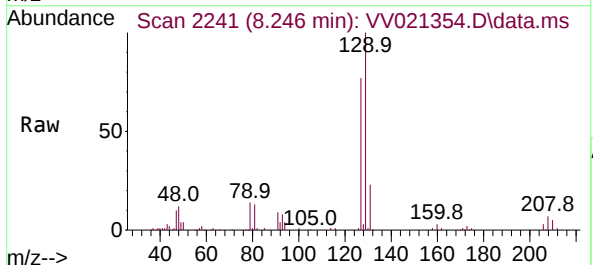
Ion	Ratio	Lower	Upper
43	100		
58	57.1	47.8	71.8
57	19.4	16.6	24.8
100	13.7	11.5	17.3

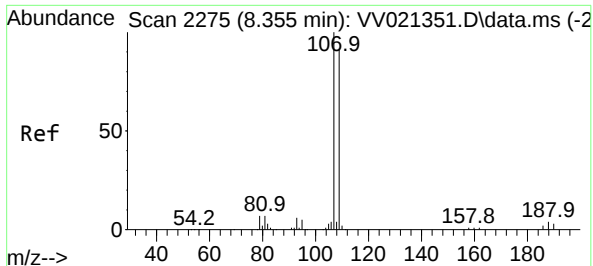


#49
Dibromochloromethane
Concen: 4.74 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 129 Resp: 94533

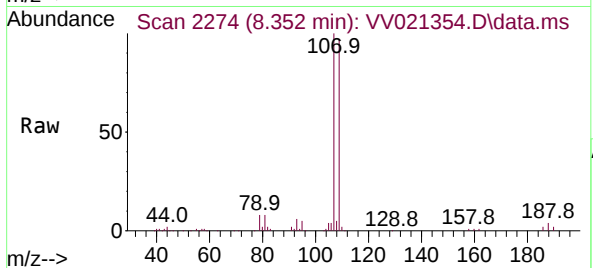
Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.6	99.6



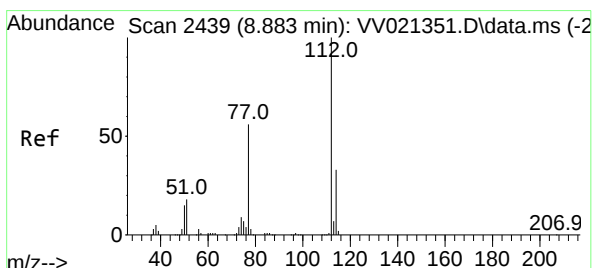
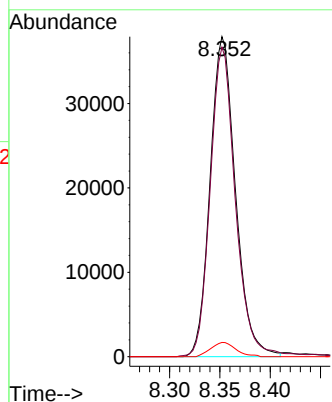
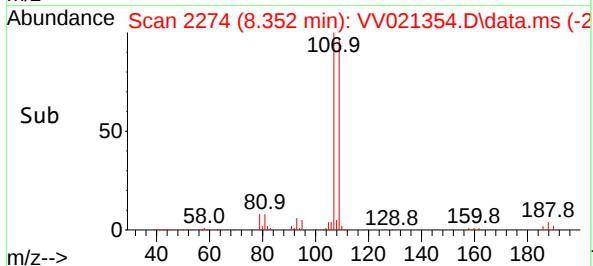


#50
1,2-Dibromoethane
Concen: 4.66 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

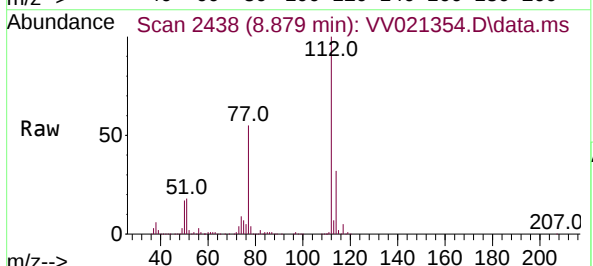
Instrument :
MSVOA_V
ClientSampleId :



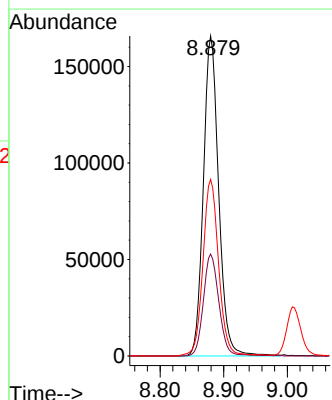
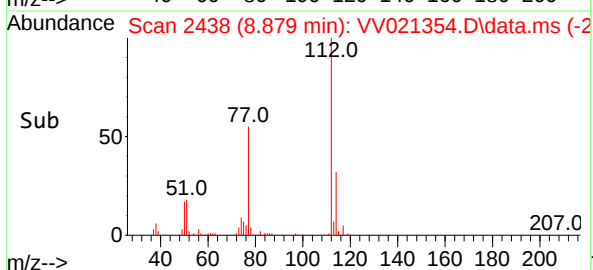
Tgt Ion:107 Resp: 66533
Ion Ratio Lower Upper
107 100
109 96.7 66.6 123.8
188 4.4 3.3 4.9

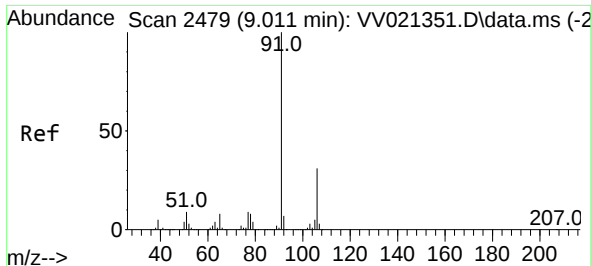


#51
Chlorobenzene
Concen: 4.64 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40



Tgt Ion:112 Resp: 276920
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 55.2 45.0 67.4

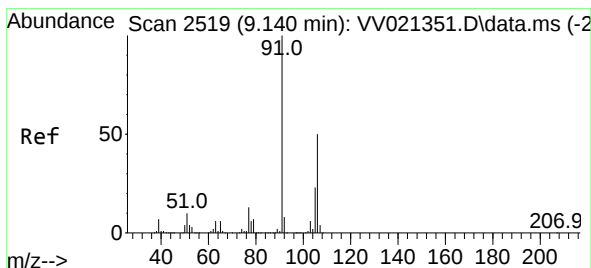
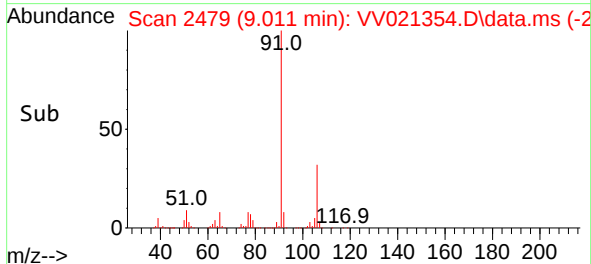
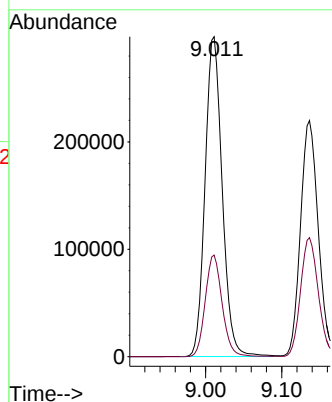
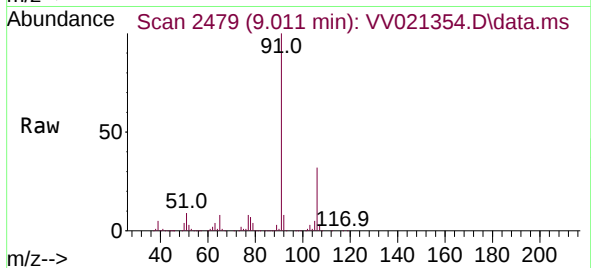




#52
Ethylbenzene
Concen: 4.64 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

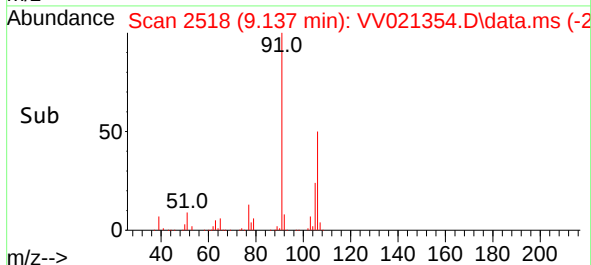
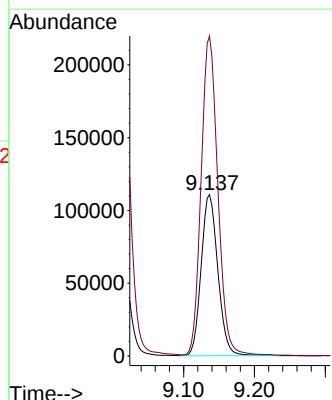
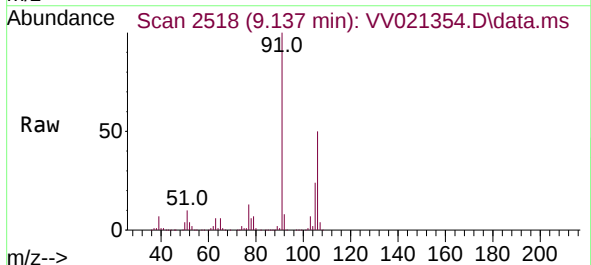
Instrument :
MSVOA_V
ClientSampled :

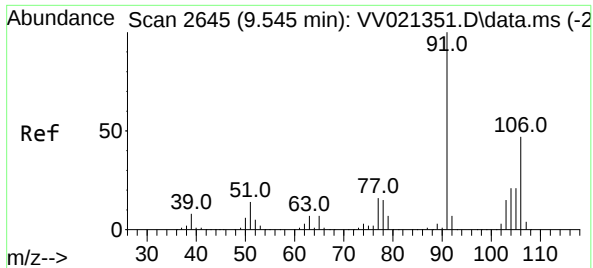
Tgt Ion: 91 Resp: 466860
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-xylene
Concen: 4.67 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion:106 Resp: 180734
Ion Ratio Lower Upper
106 100
91 198.4 141.3 262.3

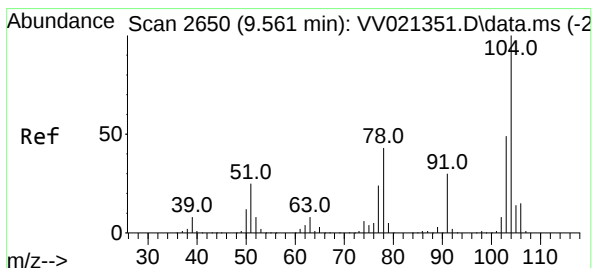
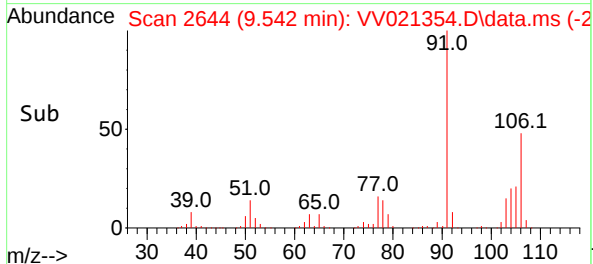
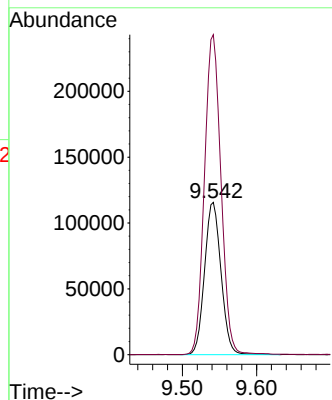
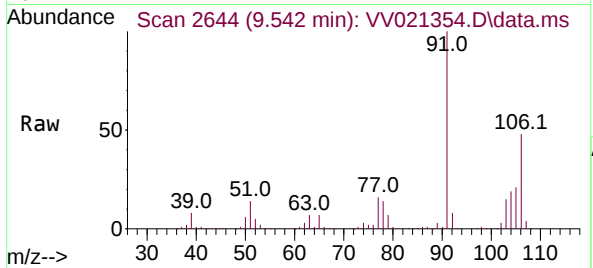




#54
o-xylene
Concen: 4.70 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

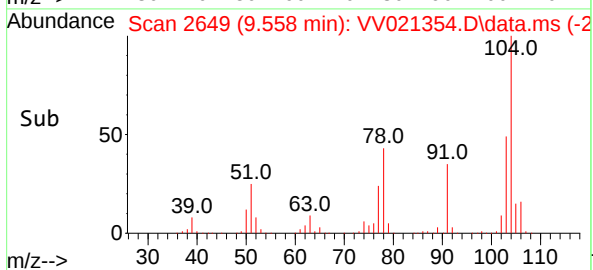
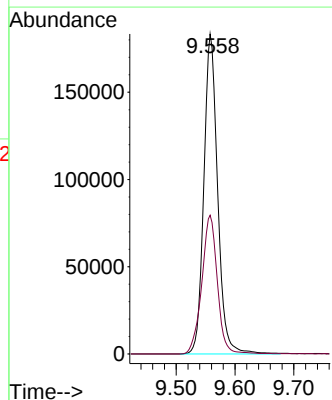
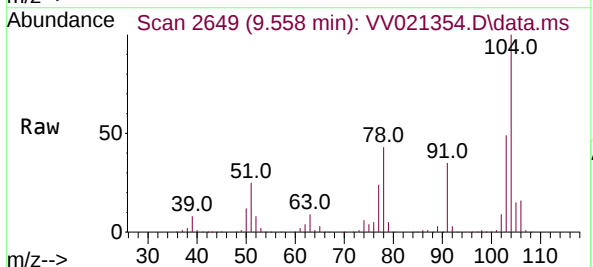
Instrument :
MSVOA_V
ClientSampled :

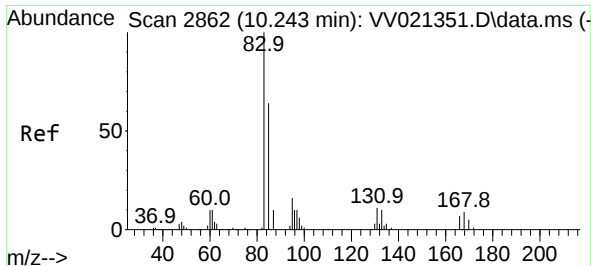
Tgt Ion:106 Resp: 177529
Ion Ratio Lower Upper
106 100
91 210.1 149.5 277.7



#55
Styrene
Concen: 4.72 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion:104 Resp: 298784
Ion Ratio Lower Upper
104 100
78 43.4 31.9 59.2

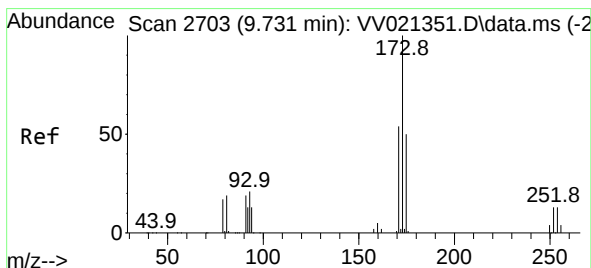
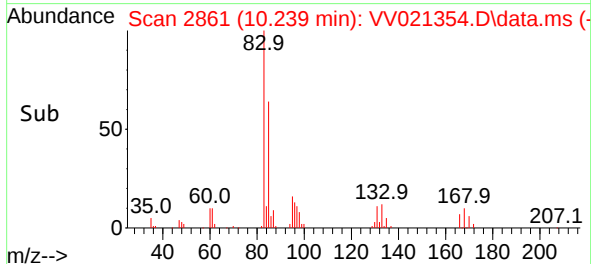
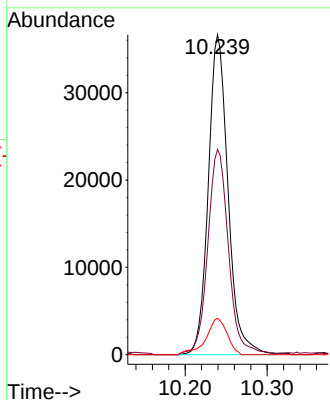
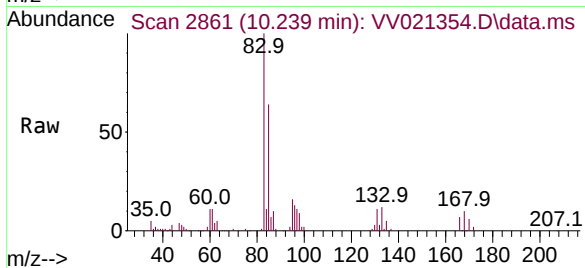




#57
1,1,2,2-Tetrachloroethane
Concen: 4.57 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

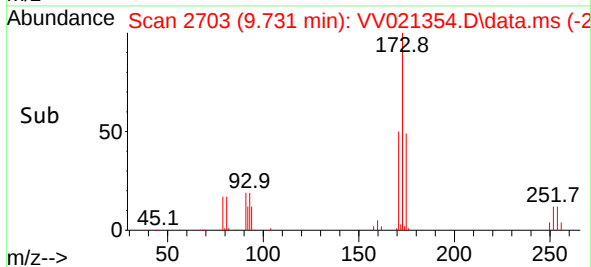
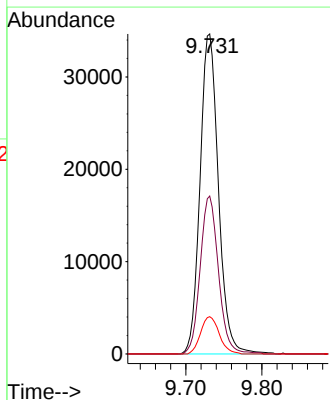
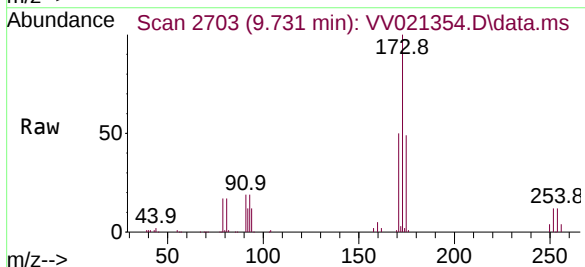
Instrument :
MSVOA_V
ClientSampleId :

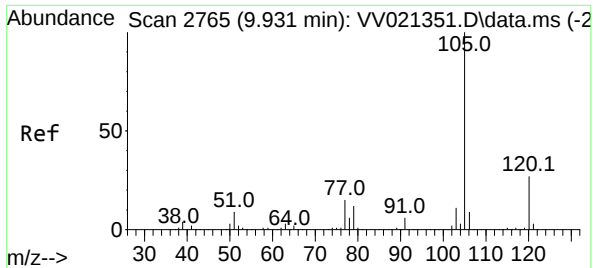
Tgt Ion:	83	Resp:	61142
Ion Ratio	Lower	Upper	
83	100		
85	64.2	44.6	82.8
131	11.4	8.4	12.6



#59
Bromoform
Concen: 4.78 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion:	173	Resp:	58208
Ion Ratio	Lower	Upper	
173	100		
175	49.1	38.9	58.3
254	11.8	8.3	12.5

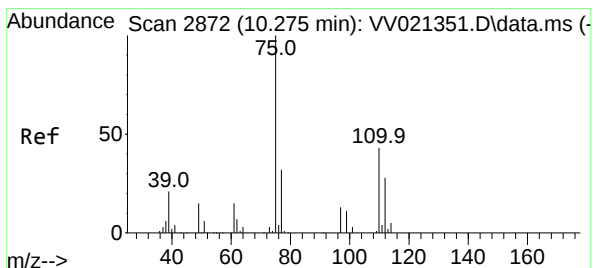
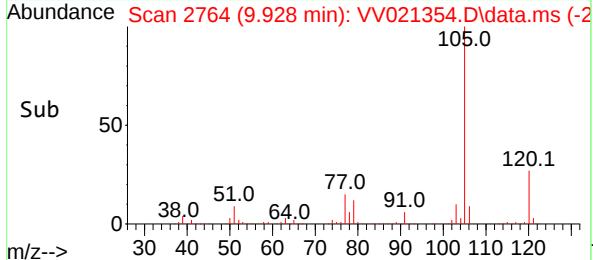
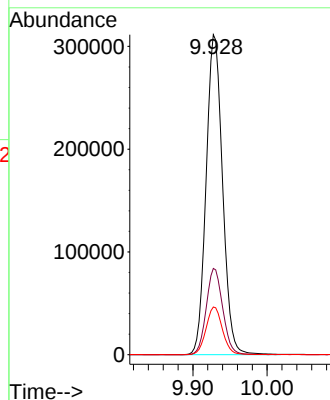
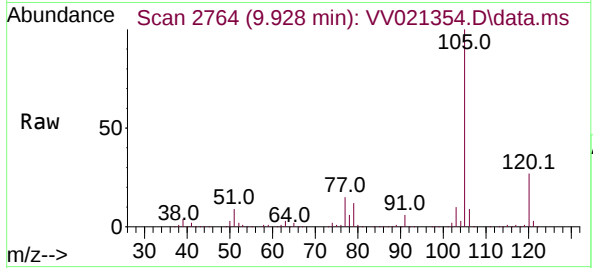




#60
Isopropylbenzene
Concen: 4.60 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

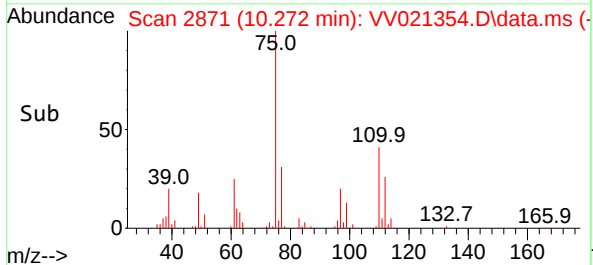
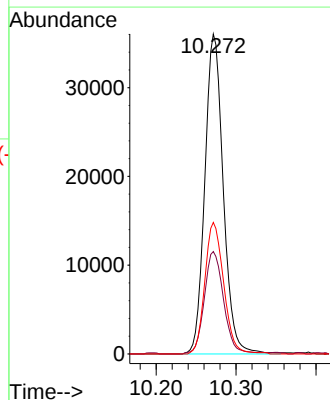
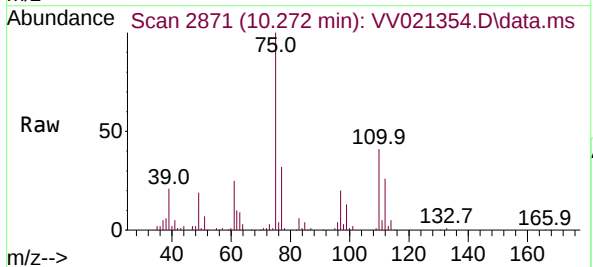
Instrument :
MSVOA_V
ClientSampled :

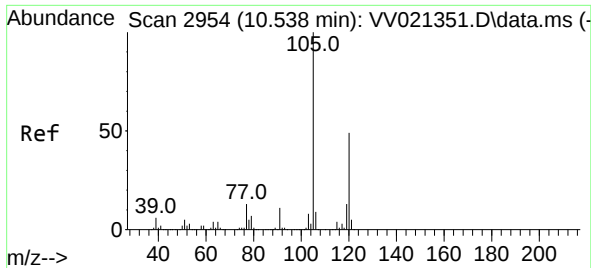
Tgt Ion:105 Resp: 477577
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 14.9 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.82 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion: 75 Resp: 57898
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
110 42.1 33.2 49.8

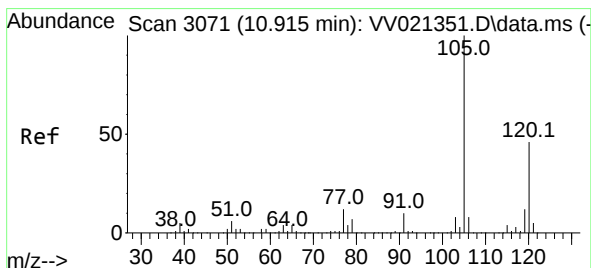
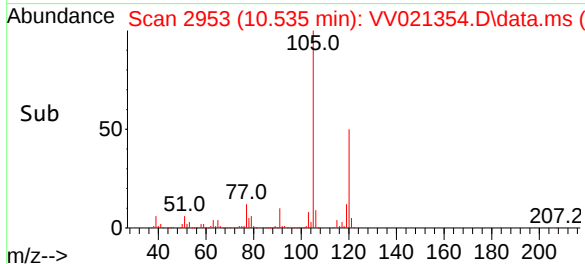
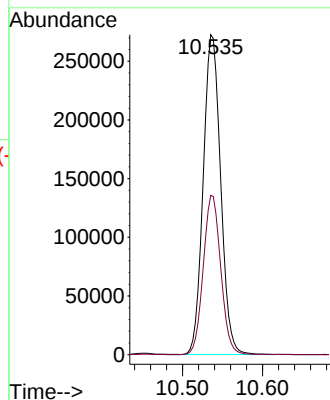
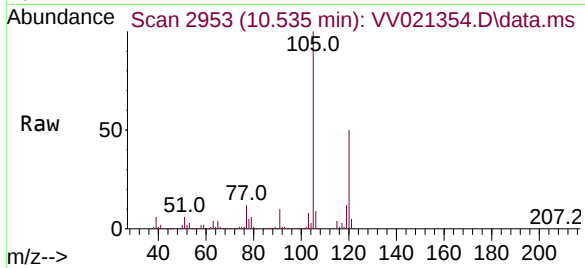




#62
1,3,5-Trimethylbenzene
Concen: 4.66 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

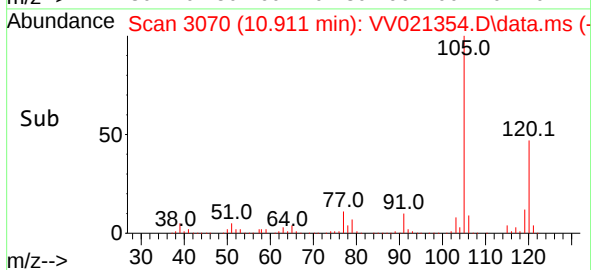
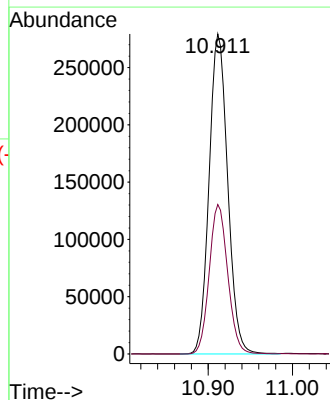
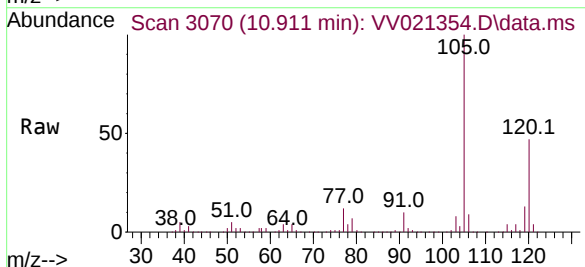
Instrument :
MSVOA_V
ClientSampled :

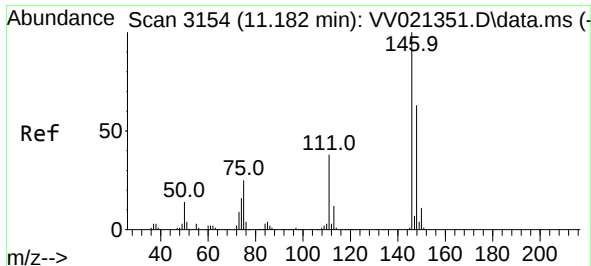
Tgt Ion:105 Resp: 414037
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 4.71 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion:105 Resp: 428562
Ion Ratio Lower Upper
105 100
120 46.5 36.7 55.1

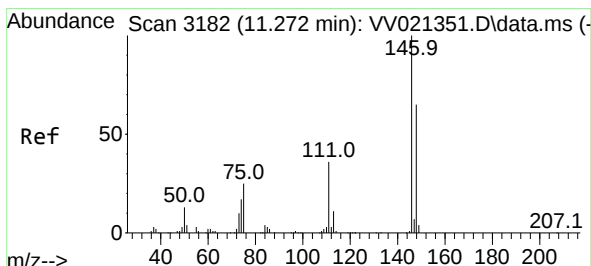
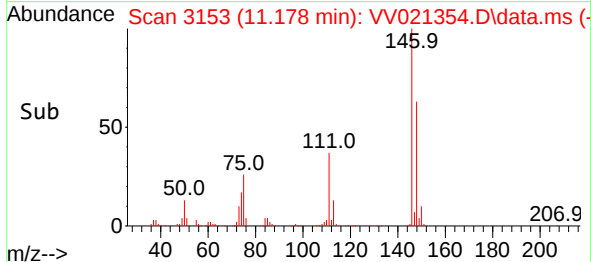
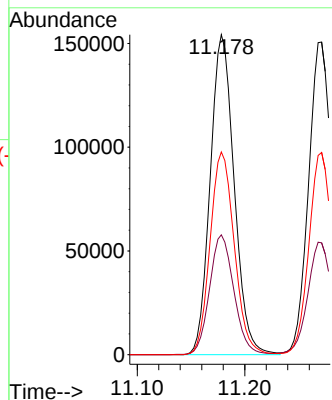
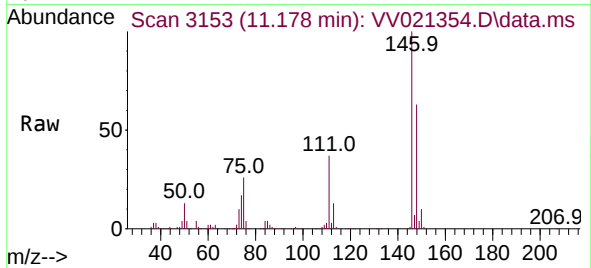




#64
1,3-Dichlorobenzene
Concen: 4.77 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

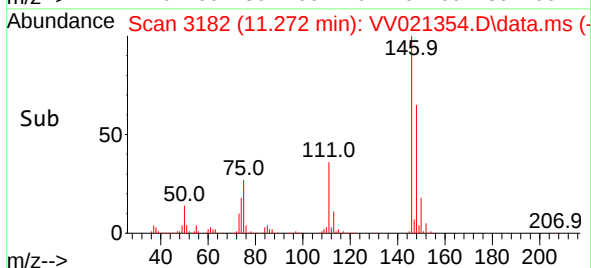
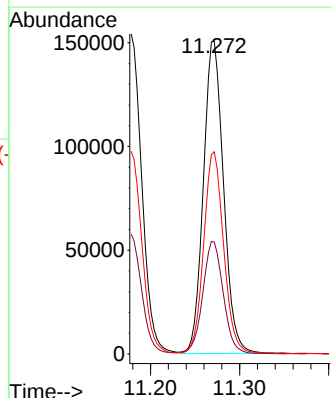
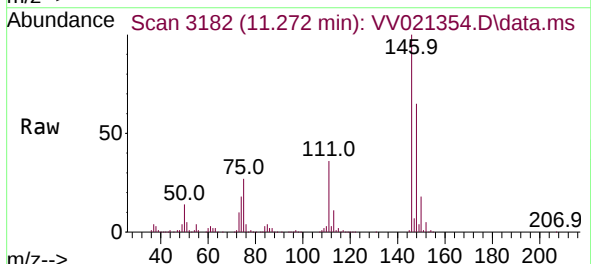
Instrument :
MSVOA_V
ClientSampleId :

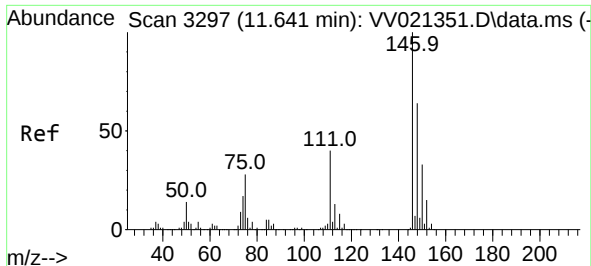
Tgt Ion:146 Resp: 238699
Ion Ratio Lower Upper
146 100
111 37.4 26.8 49.8
148 63.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.73 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion:146 Resp: 236597
Ion Ratio Lower Upper
146 100
111 35.8 25.8 47.8
148 64.7 43.9 81.5

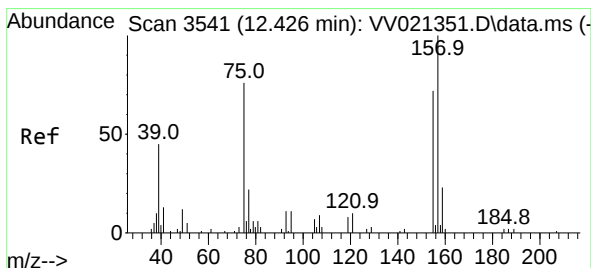
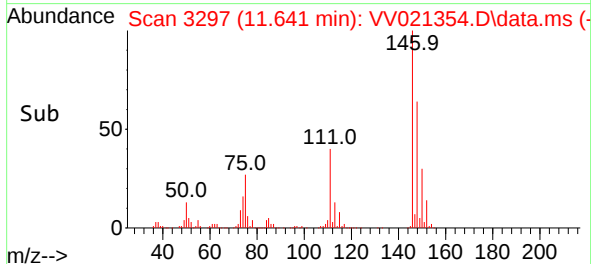
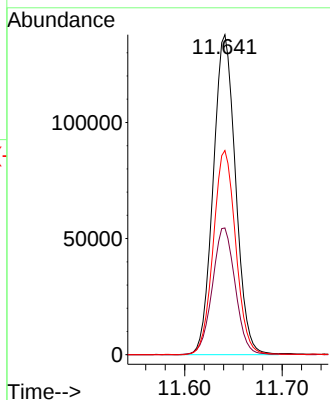
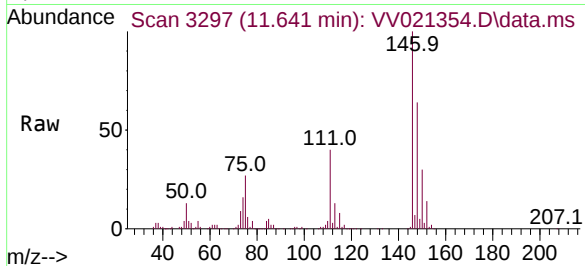




#67
1,2-Dichlorobenzene
Concen: 4.76 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

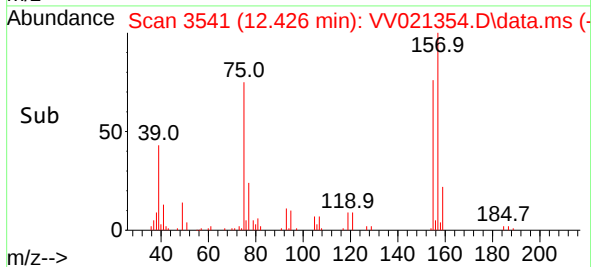
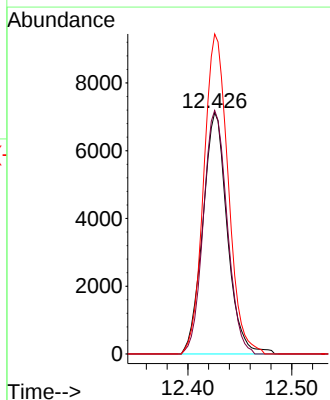
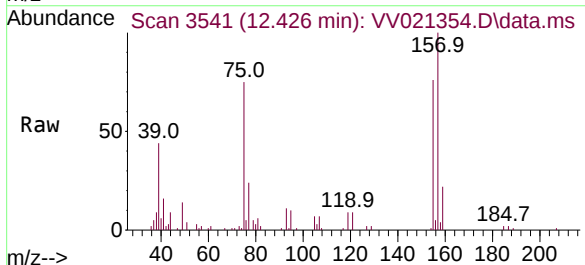
Instrument :
MSVOA_V
ClientSampled :

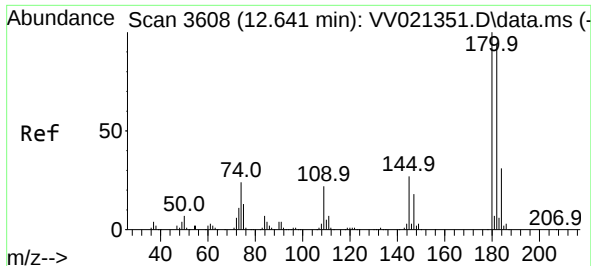
Tgt Ion:	146	Resp:	219935
Ion	Ratio	Lower	Upper
146	100		
111	39.6	32.6	49.0
148	63.8	50.8	76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.87 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

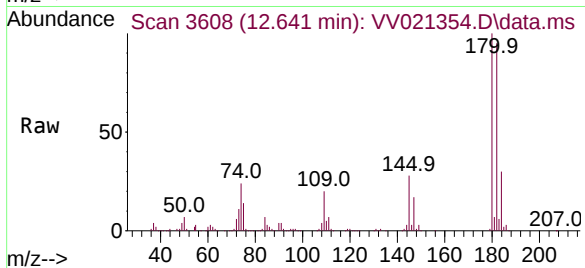
Tgt Ion:	75	Resp:	11678
Ion	Ratio	Lower	Upper
75	100		
155	100.9	72.8	109.2
157	132.6	94.7	142.1



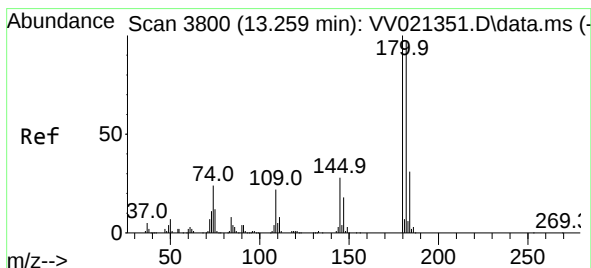
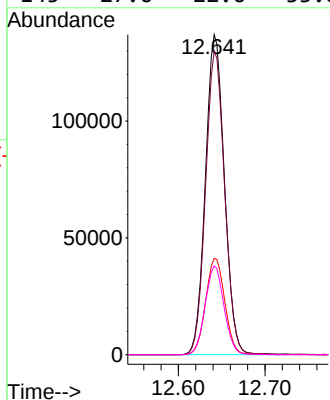
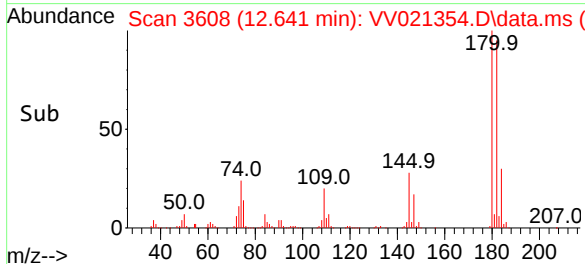


#69
1,3,5-Trichlorobenzene
Concen: 4.83 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

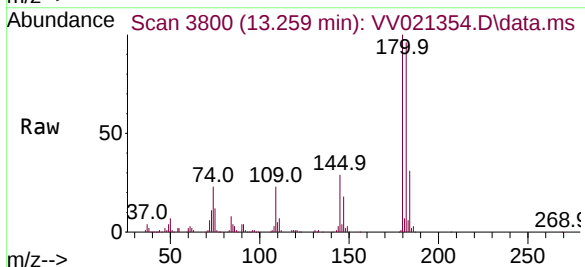
Instrument :
MSVOA_V
ClientSampleId :



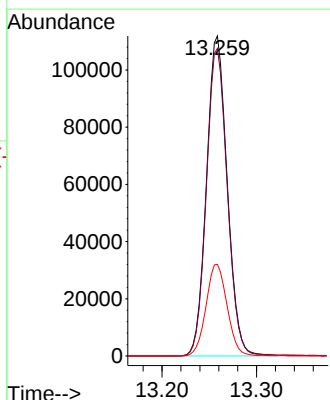
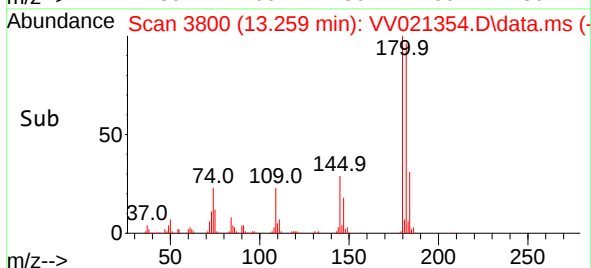
Tgt Ion:180 Resp: 209253
Ion Ratio Lower Upper
180 100
182 94.9 75.6 113.4
184 30.4 24.4 36.6
145 27.6 22.6 33.8

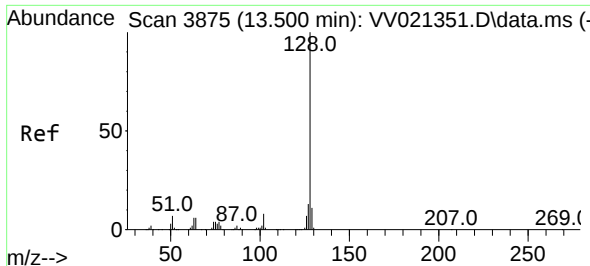


#70
1,2,4-trichlorobenzene
Concen: 5.03 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40



Tgt Ion:180 Resp: 170911
Ion Ratio Lower Upper
180 100
182 96.5 75.7 113.5
145 29.1 23.0 34.4

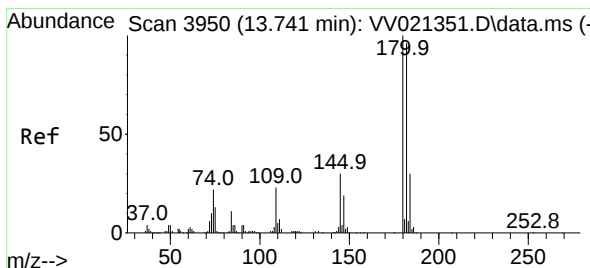
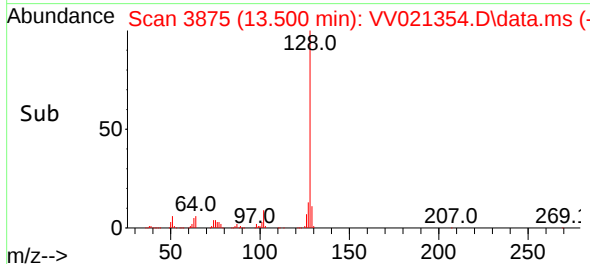
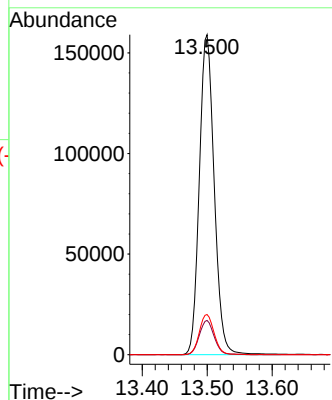
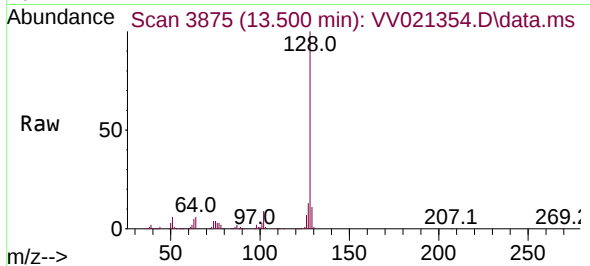




#71
Naphthalene
Concen: 5.48 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 254032
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.09 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV021354.D
Acq: 21 May 2021 12:40

Tgt Ion:180 Resp: 152157
Ion Ratio Lower Upper
180 100
182 94.6 75.9 113.9
145 29.9 24.6 37.0

