

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043354.D
 Acq On : 27 Apr 2021 15:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 27 23:49:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 27 23:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	110416	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	110847	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58713	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23699	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	21240	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.572	65	15454	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.665	46	136329	55.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	5.076	84	66138	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.713	65	43750	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.736	84	120973	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	41375	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.903	98	110432	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloroprop...	8.186	79	16809	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.645	63	82797	43.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.84%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37869	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	43492	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	39708	5.61	ug/L	98
3) Chloromethane	1.524	50	34416	4.94	ug/L	97
5) Vinyl chloride	1.607	62	34493	4.75	ug/L	99
6) Bromomethane	1.864	94	18909	4.37	ug/L	92
8) Chloroethane	1.942	64	20616	3.94	ug/L	100
9) Trichlorofluoromethane	2.144	101	59847	4.43	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37001	5.07	ug/L	94
12) 1,1-Dichloroethene	2.585	96	31639	5.16	ug/L	74
13) Acetone	2.694	43	87186	48.18	ug/L	91
14) Carbon disulfide	2.800	76	75455	4.82	ug/L	99
15) Methyl Acetate	2.970	43	23339	6.86	ug/L	# 61
16) Methylene chloride	3.054	84	43191	5.44	ug/L	81
17) Methyl tert-butyl Ether	3.376	73	93109	4.64	ug/L	# 90
18) trans-1,2-Dichloroethene	3.360	96	32414	4.95	ug/L	90
19) 1,1-Dichloroethane	3.877	63	74736	5.24	ug/L	98
21) 2-Butanone	4.742	43	167154	55.97	ug/L	77
22) cis-1,2-Dichloroethene	4.678	96	37600	4.85	ug/L	85
23) Bromochloromethane	4.986	128	18590	5.26	ug/L	# 80
25) Chloroform	5.099	83	80797	5.32	ug/L	98

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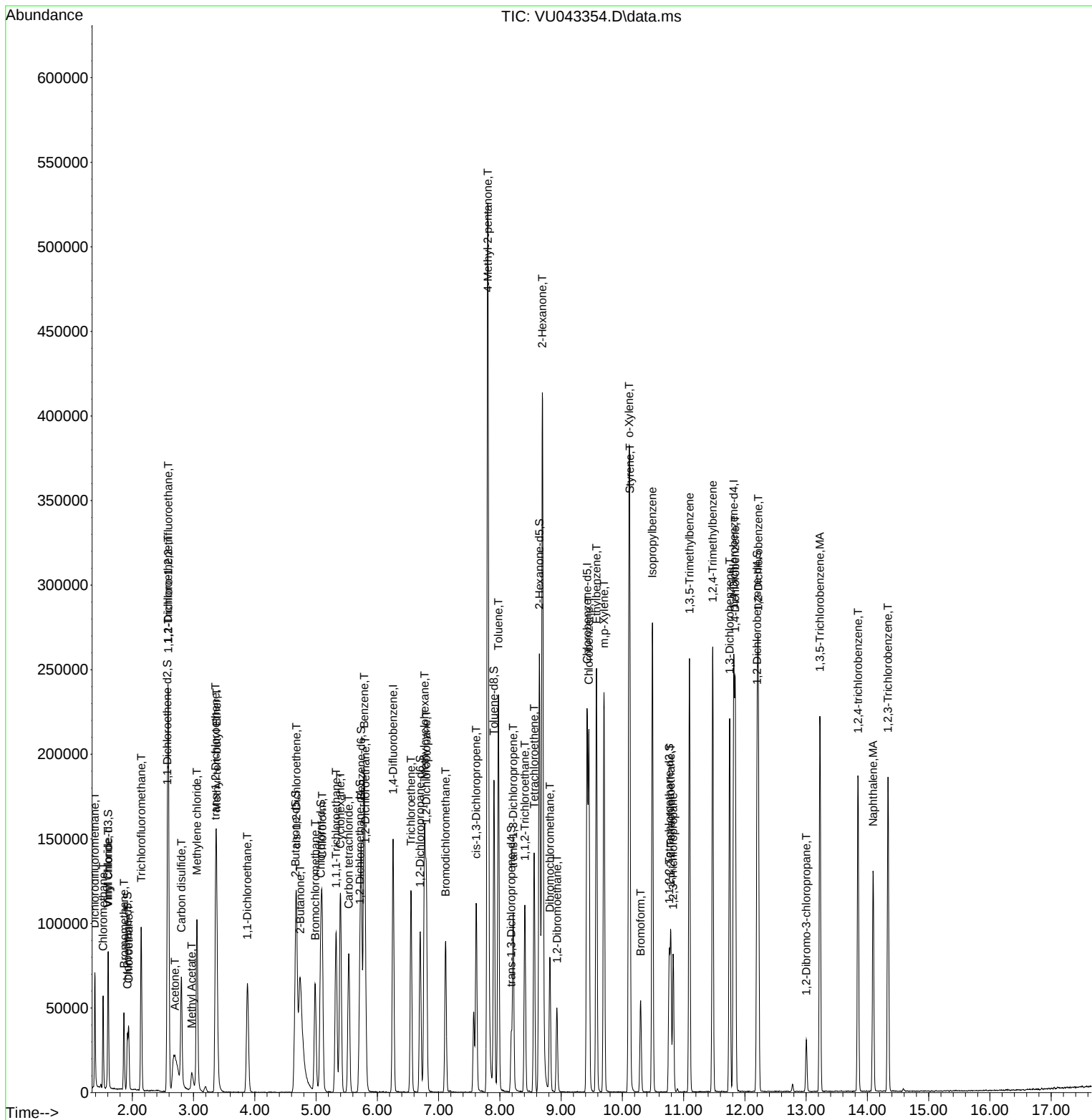
Instrument :
 MSVOA_U
 ClientSampleId :

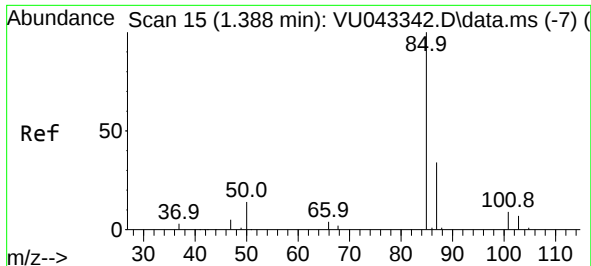
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59151	5.31	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	66250	4.84	ug/L	94
30) Cyclohexane	5.398	56	52700	4.49	ug/L #	84
31) Carbon tetrachloride	5.533	117	53557	4.70	ug/L	98
33) Benzene	5.784	78	146324	4.93	ug/L	100
34) Trichloroethene	6.549	95	37661	4.61	ug/L	96
35) Methylcyclohexane	6.771	83	48614	4.30	ug/L #	88
37) 1,2-Dichloropropane	6.800	63	42896	5.14	ug/L #	97
38) Bromodichloromethane	7.115	83	55478	4.95	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	56727	4.65	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	400638	53.66	ug/L #	82
42) Toluene	7.977	91	153802	4.64	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	52145	4.54	ug/L	97
45) 1,1,2-Trichloroethane	8.408	97	31265	5.01	ug/L	92
47) Tetrachloroethene	8.559	164	29685	4.59	ug/L	97
48) 2-Hexanone	8.694	43	305416	55.60	ug/L #	83
49) Dibromochloromethane	8.816	129	37889	4.82	ug/L	96
50) 1,2-Dibromoethane	8.932	107	30084	4.85	ug/L #	100
51) Chlorobenzene	9.453	112	99509	4.71	ug/L	94
52) Ethylbenzene	9.578	91	168577	4.45	ug/L	96
53) m,p-Xylene	9.700	106	60726	4.38	ug/L	88
54) o-Xylene	10.108	106	60393	4.40	ug/L	92
55) Styrene	10.121	104	106555	4.53	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	43215	5.27	ug/L	98
59) Bromoform	10.298	173	24085	5.02	ug/L	98
60) Isopropylbenzene	10.491	105	162332	4.31	ug/L	97
61) 1,2,3-Trichloropropane	10.829	75	31217	5.15	ug/L	99
62) 1,3,5-Trimethylbenzene	11.096	105	129626	4.21	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	131878	4.16	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	83799	4.69	ug/L	98
65) 1,4-Dichlorobenzene	11.842	146	82830	4.57	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	80130	4.61	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7302	4.95	ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	65183	4.44	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	54265	4.47	ug/L	98
71) Naphthalene	14.092	128	96087	4.69	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	54457	4.89	ug/L	99

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

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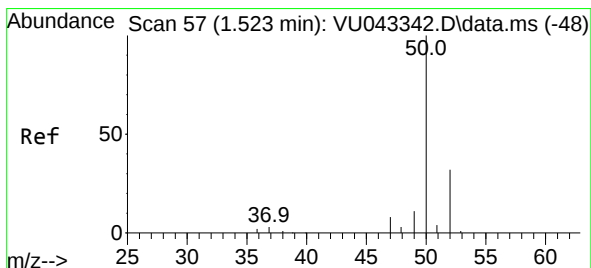
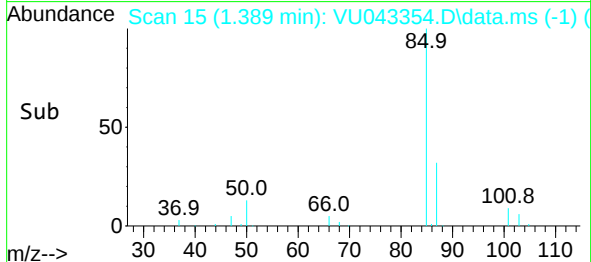
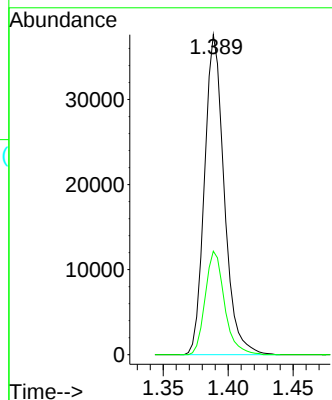
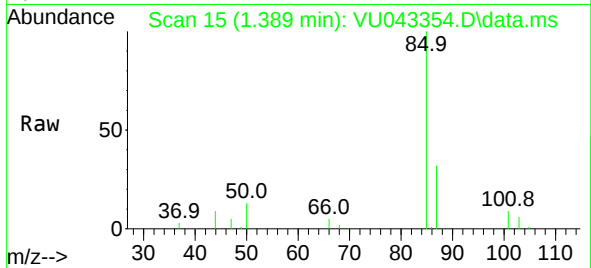




#2
Dichlorodifluoromethane
Concen: 5.61 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043354.D
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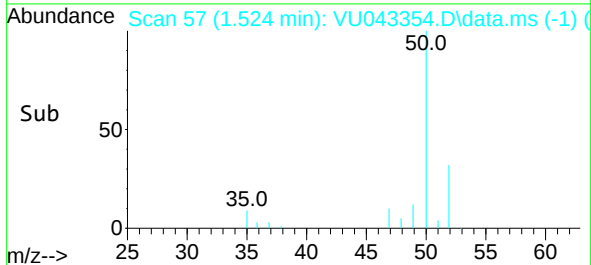
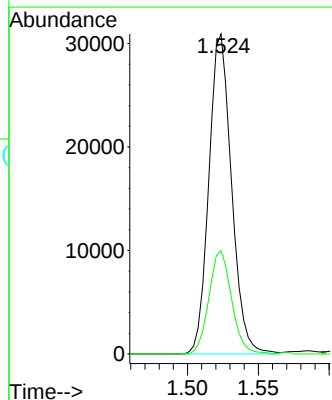
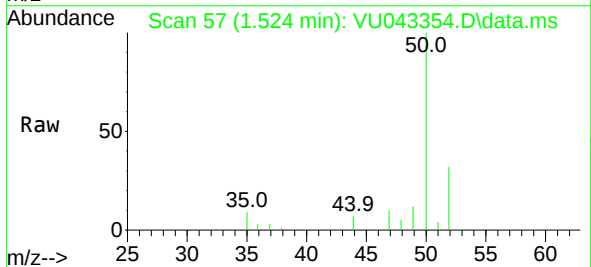
Instrument :
MSVOA_U
ClientSampled :

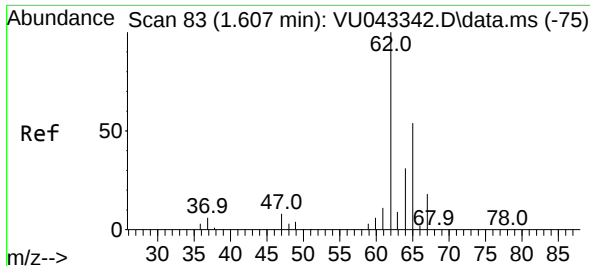
Tgt Ion: 85 Resp: 39708
Ion Ratio Lower Upper
85 100
87 31.7 26.3 39.5



#3
Chloromethane
Concen: 4.94 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 50 Resp: 34416
Ion Ratio Lower Upper
50 100
52 32.3 23.6 43.8

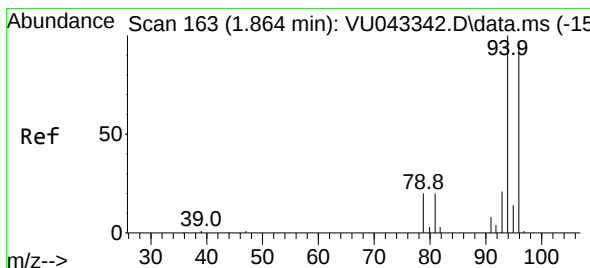
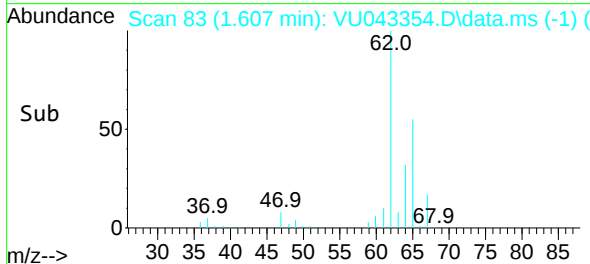
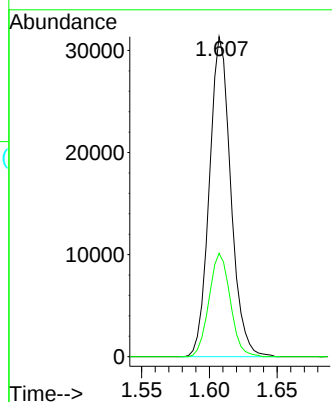
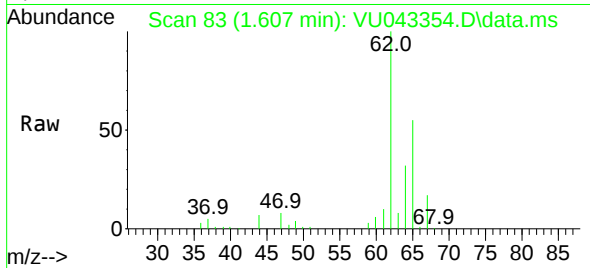




#5
 Vinyl chloride
 Concen: 4.75 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043354.D
 Acq: 27 Apr 2021 15:15

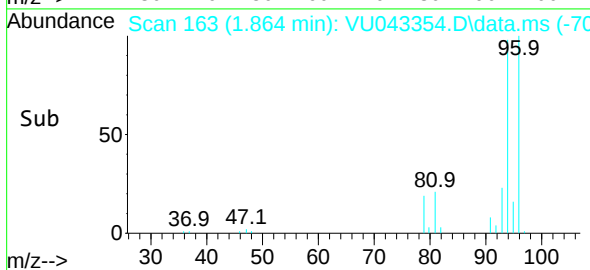
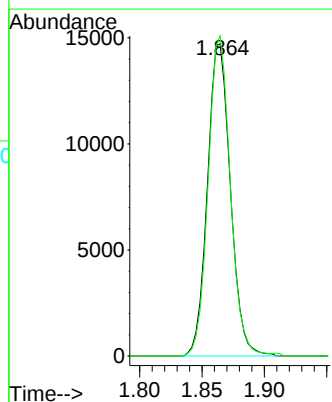
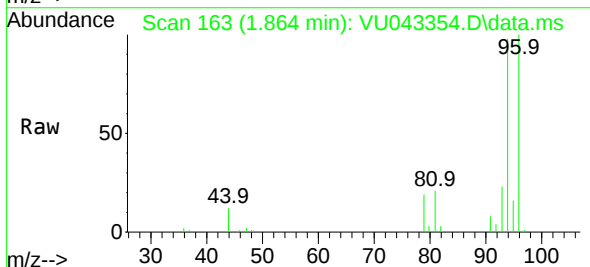
Instrument :
 MSVOA_U
 ClientSampled :

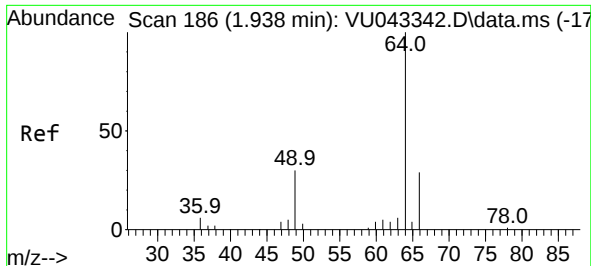
Tgt Ion: 62 Resp: 34493
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.37 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU043354.D
 Acq: 27 Apr 2021 15:15

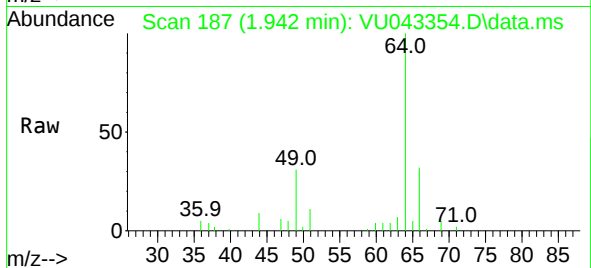
Tgt Ion: 94 Resp: 18909
 Ion Ratio Lower Upper
 94 100
 96 102.5 66.1 122.7



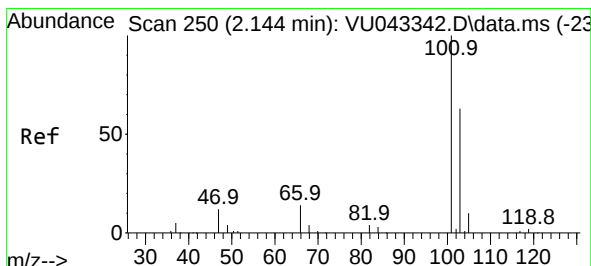
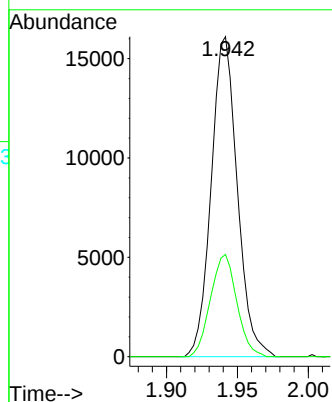
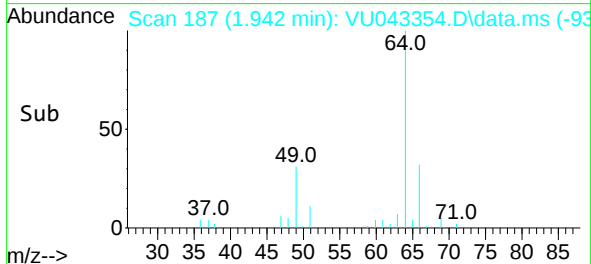


#8
Chloroethane
Concen: 3.94 ug/L
RT: 1.942 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

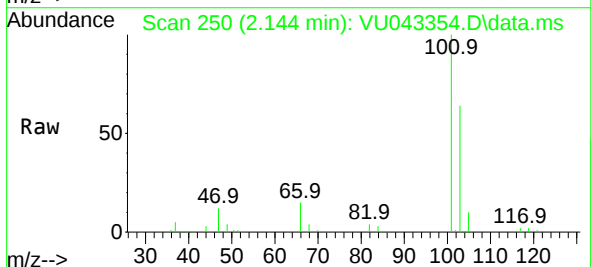
Instrument :
MSVOA_U
ClientSampled :



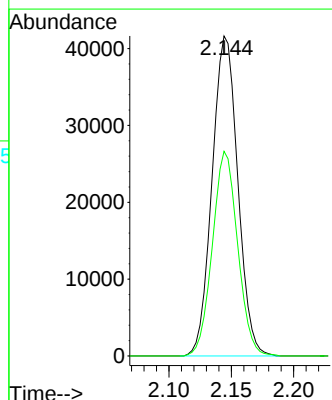
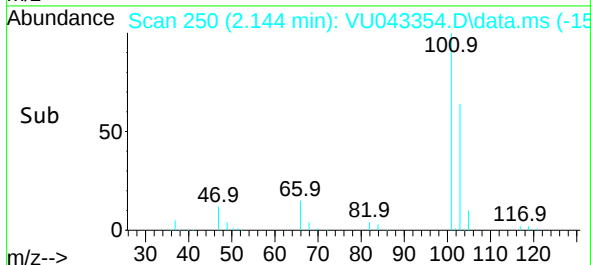
Tgt Ion: 64 Resp: 20616
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6

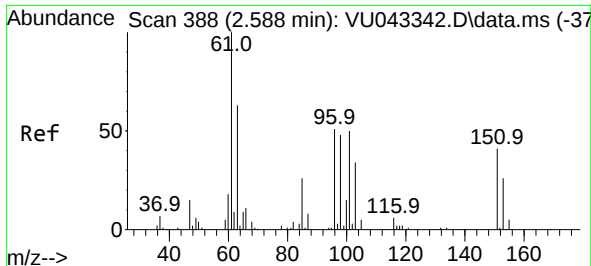


#9
Trichlorofluoromethane
Concen: 4.43 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15



Tgt Ion: 101 Resp: 59847
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3





#10

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

Concen: 5.07 ug/L

RT: 2.588 min Scan# 388

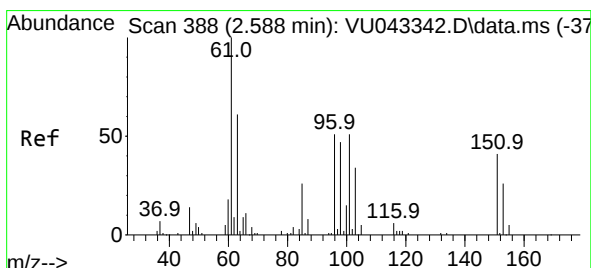
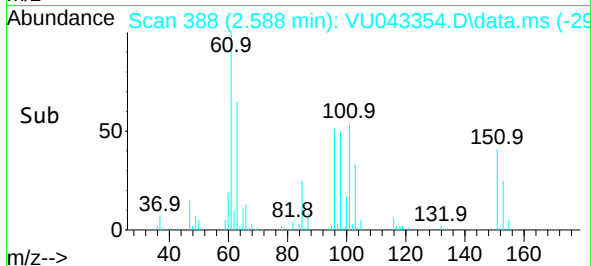
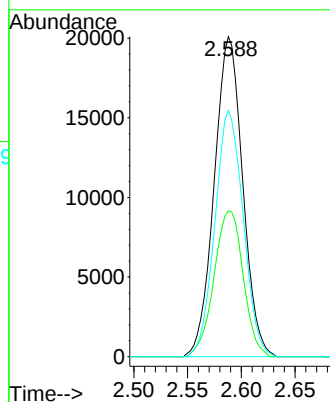
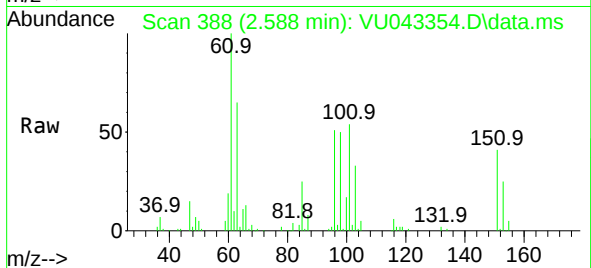
Delta R.T. 0.000 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:	101	Resp:	37001
Ion Ratio	Lower	Upper	
101	100		
85	46.7	34.5	51.7
151	76.6	57.4	86.2

Instrument :
MSVOA_U
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 5.16 ug/L

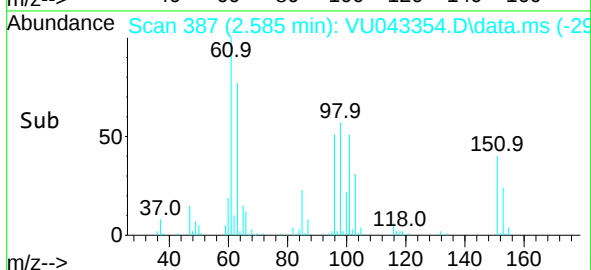
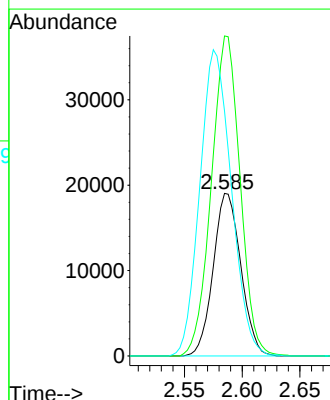
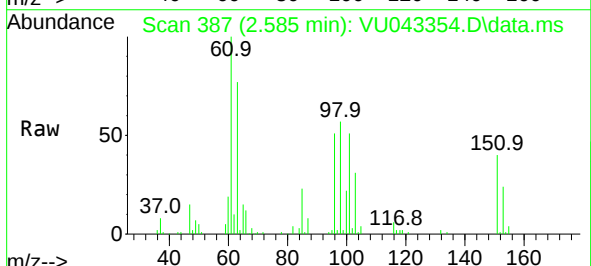
RT: 2.585 min Scan# 387

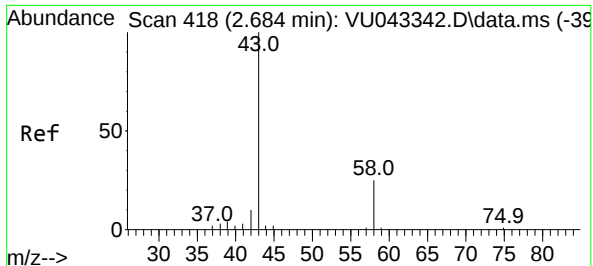
Delta R.T. -0.003 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:	96	Resp:	31639
Ion Ratio	Lower	Upper	
96	100		
61	196.8	115.1	213.7
63	150.7	84.1	156.1

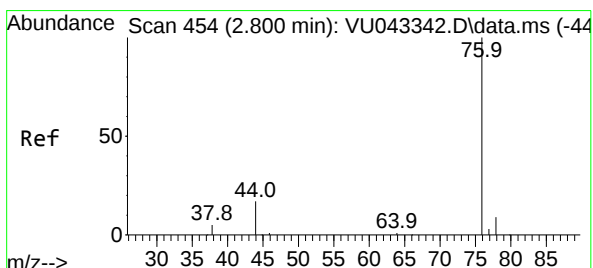
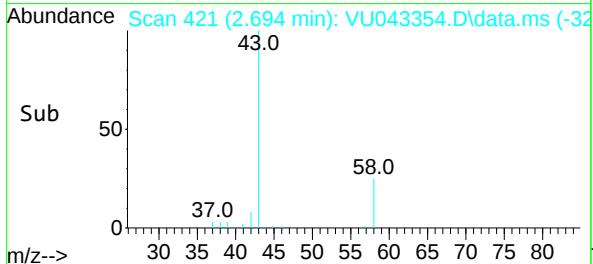
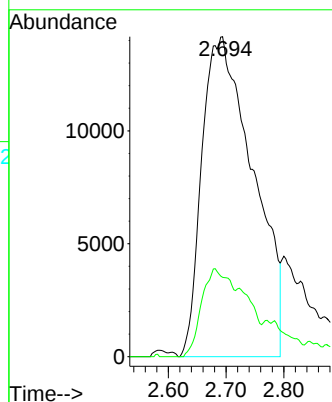
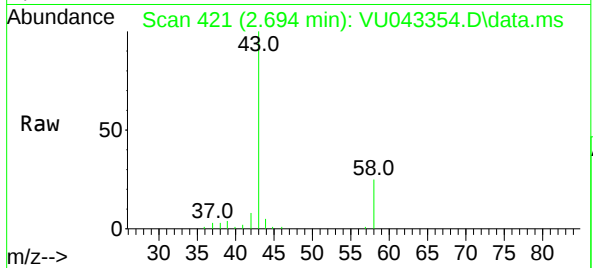




#13
Acetone
Concen: 48.18 ug/L
RT: 2.694 min Scan# 421
Delta R.T. 0.010 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

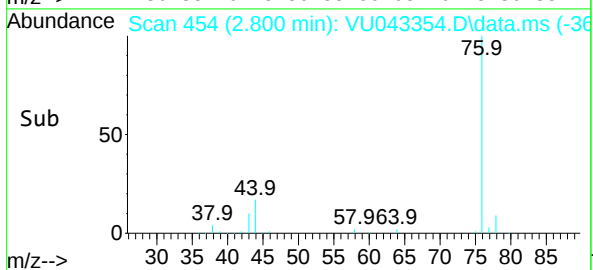
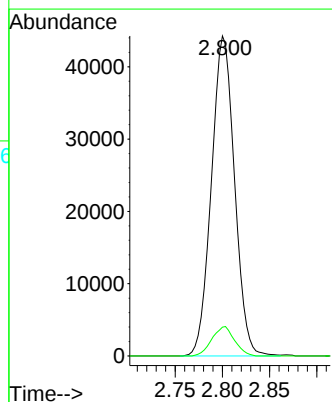
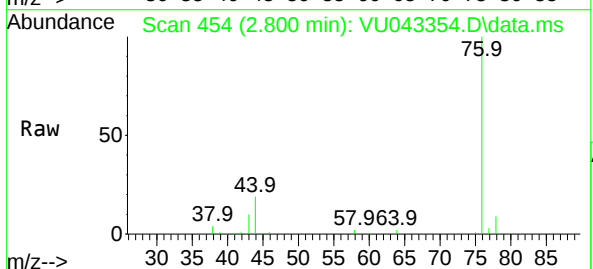
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MSVOA_U
ClientSampled :

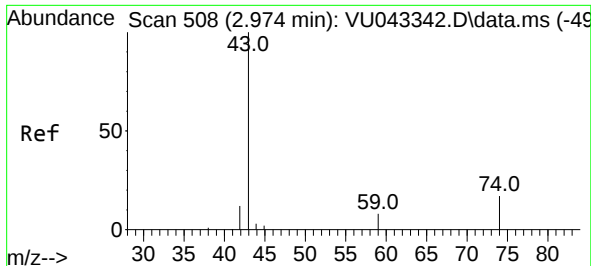
Tgt Ion: 43 Resp: 87186
Ion Ratio Lower Upper
43 100
58 16.0 0.0 25.0



#14
Carbon disulfide
Concen: 4.82 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 76 Resp: 75455
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

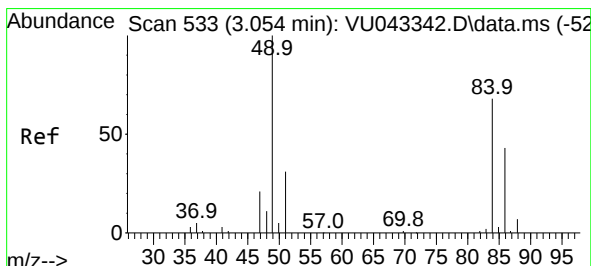
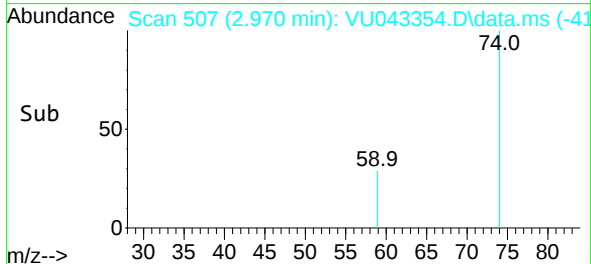
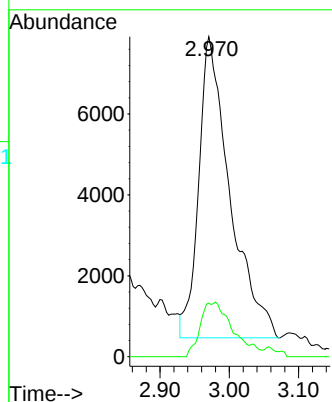
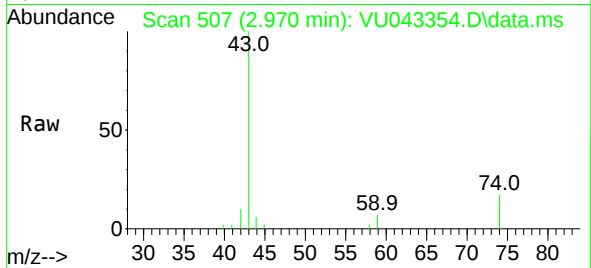




#15
Methyl Acetate
Concen: 6.86 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

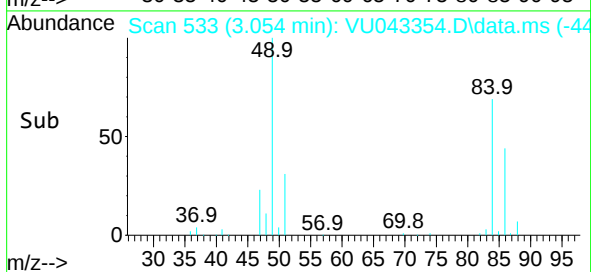
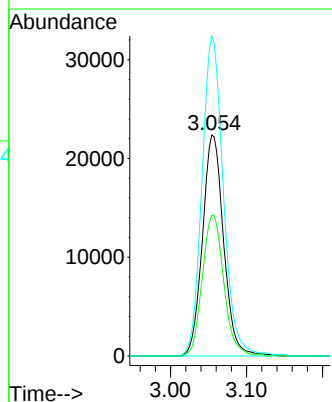
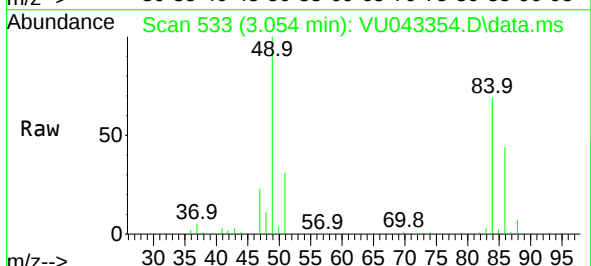
Instrument :
MSVOA_U
ClientSampled :

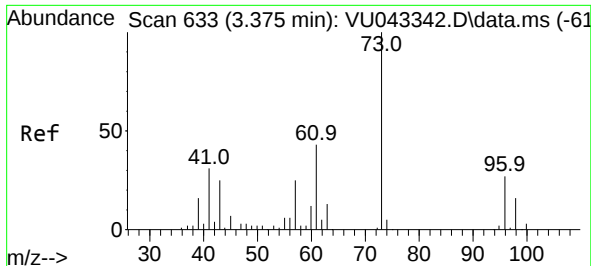
Tgt Ion: 43 Resp: 23339
Ion Ratio Lower Upper
43 100
74 6.9 21.5 32.3#



#16
Methylene chloride
Concen: 5.44 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 84 Resp: 43191
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.5
49 144.9 79.0 146.8



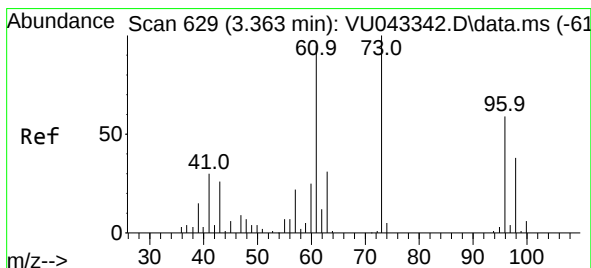
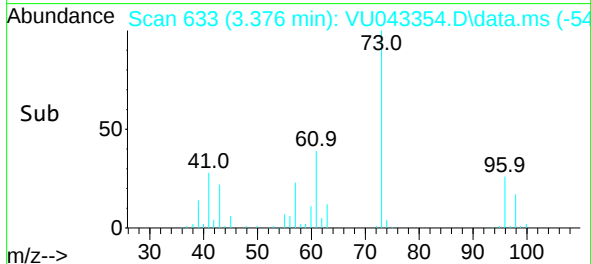
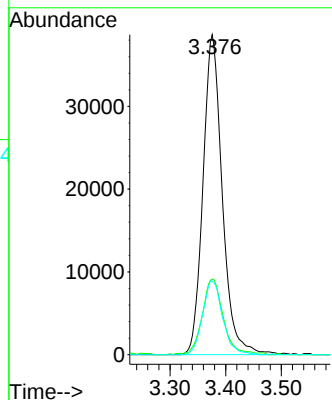
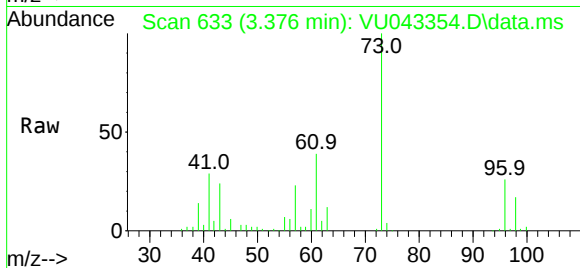


#17

Methyl tert-butyl Ether
Concen: 4.64 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Instrument :
MSVOA_U
ClientSampleId :

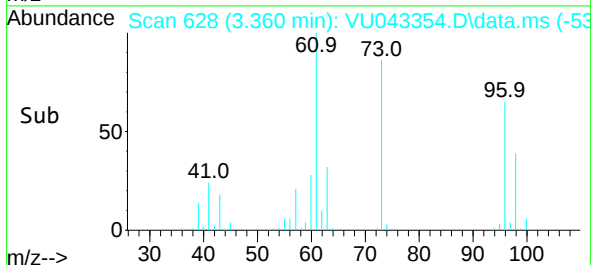
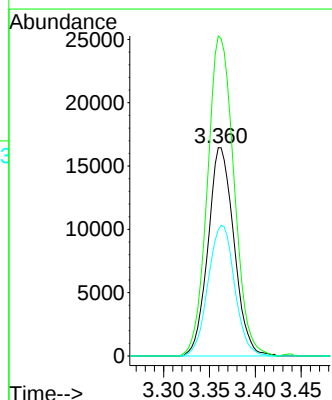
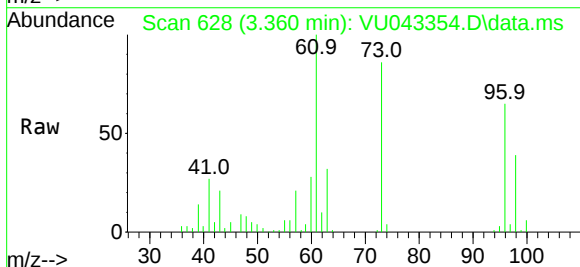
Tgt Ion: 73 Resp: 93109
Ion Ratio Lower Upper
73 100
43 25.5 15.0 22.4#
57 23.9 17.3 25.9

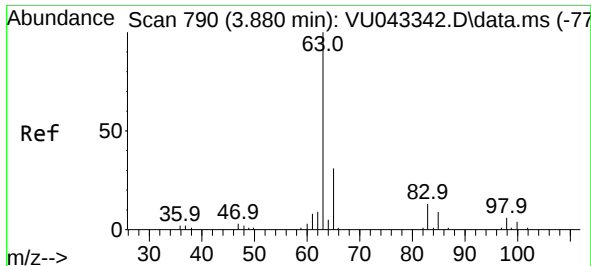


#18

trans-1,2-Dichloroethene
Concen: 4.95 ug/L
RT: 3.360 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 96 Resp: 32414
Ion Ratio Lower Upper
96 100
61 153.6 96.6 179.4
98 60.5 44.7 82.9





#19

1,1-Dichloroethane

Concen: 5.24 ug/L

RT: 3.877 min Scan# 789

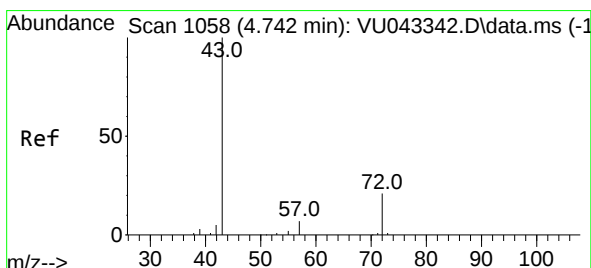
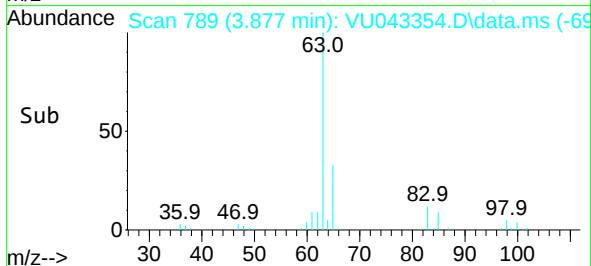
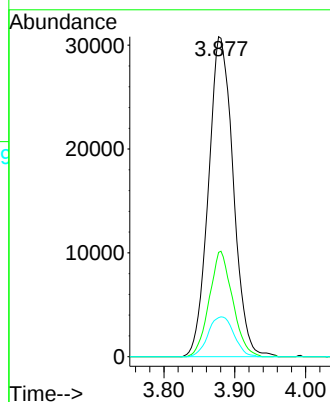
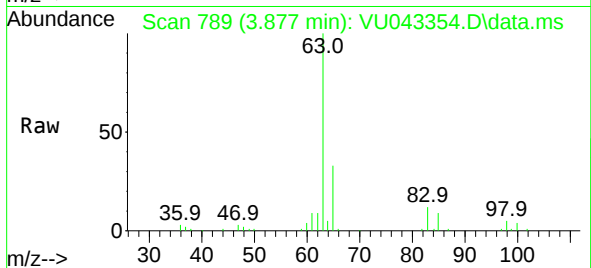
Delta R.T. -0.003 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:	63	Resp:	74736
Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.2	43.0
83	12.2	9.9	18.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 55.97 ug/L

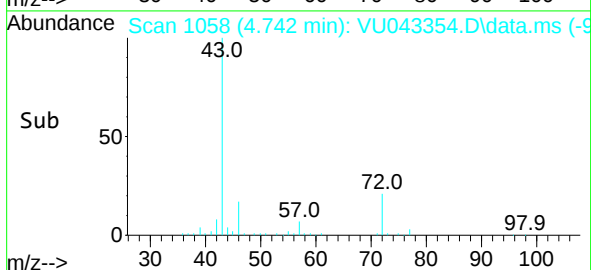
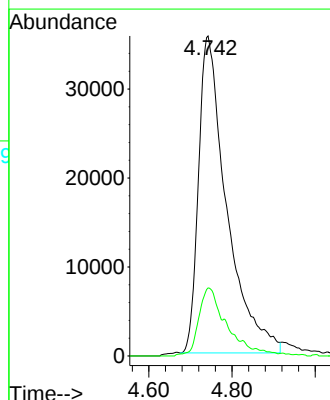
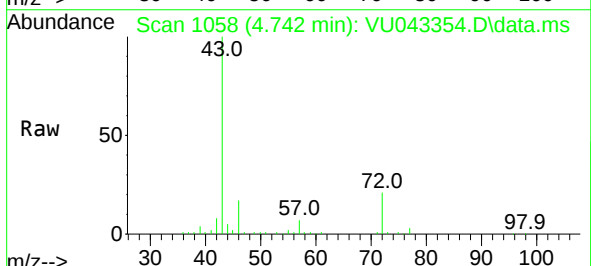
RT: 4.742 min Scan# 1058

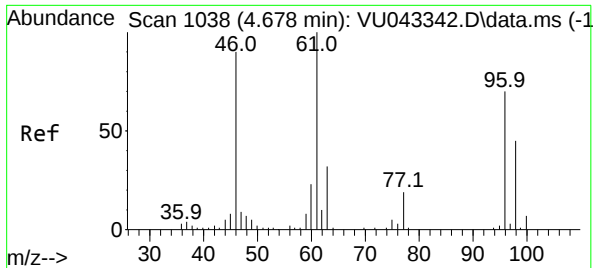
Delta R.T. 0.000 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:	43	Resp:	167154
Ion	Ratio	Lower	Upper
43	100		
72	19.0	15.8	47.3

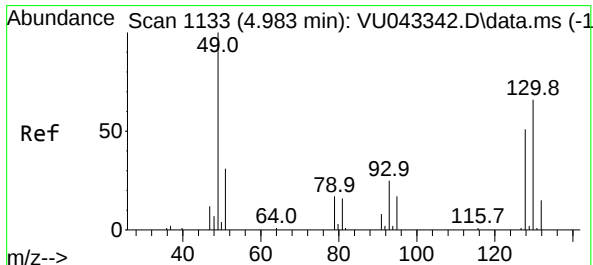
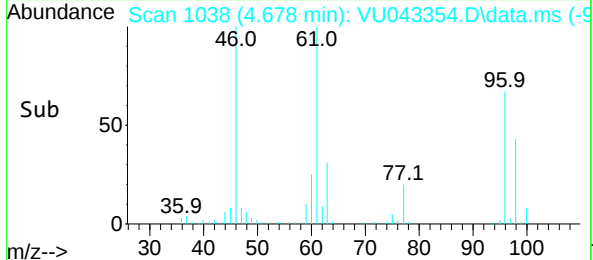
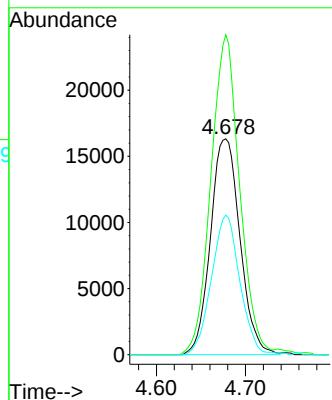
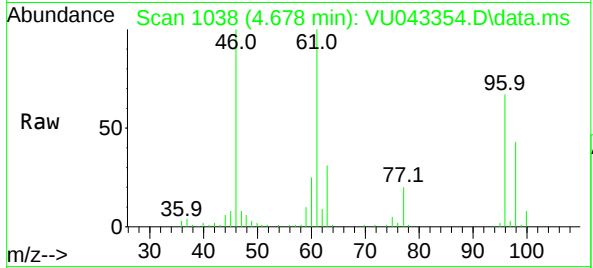




#22
 cis-1,2-Dichloroethene
 Concen: 4.85 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043354.D
 Acq: 27 Apr 2021 15:15

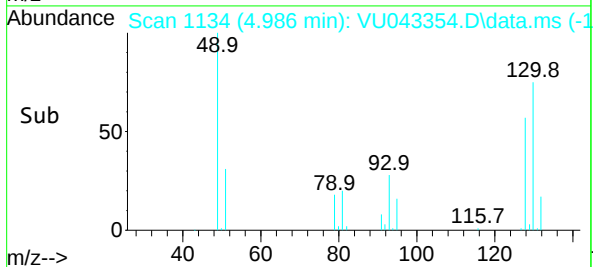
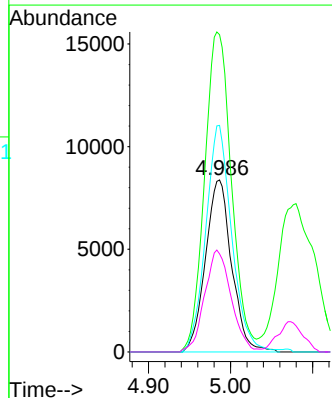
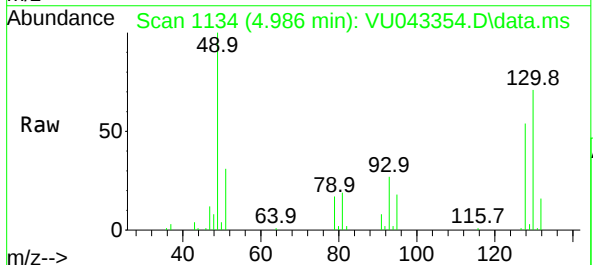
Instrument :
 MSVOA_U
 ClientSampled :

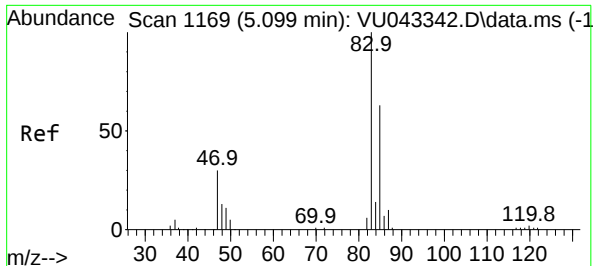
Tgt Ion: 96 Resp: 37600
 Ion Ratio Lower Upper
 96 100
 61 148.3 87.4 162.4
 98 64.6 47.7 88.5



#23
 Bromochloromethane
 Concen: 5.26 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU043354.D
 Acq: 27 Apr 2021 15:15

Tgt Ion:128 Resp: 18590
 Ion Ratio Lower Upper
 128 100
 49 184.4 96.4 179.0#
 130 131.7 91.2 169.4
 51 57.0 35.0 52.6#



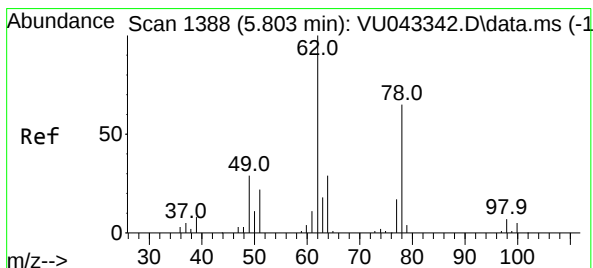
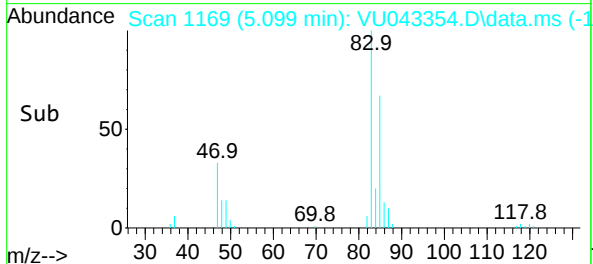
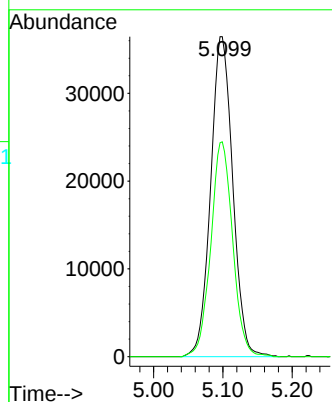
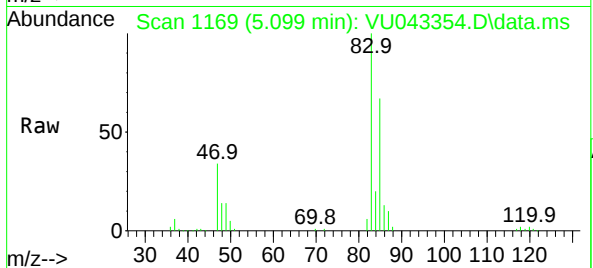


#25

Chloroform
Concen: 5.32 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Instrument :
MSVOA_U
ClientSampled :

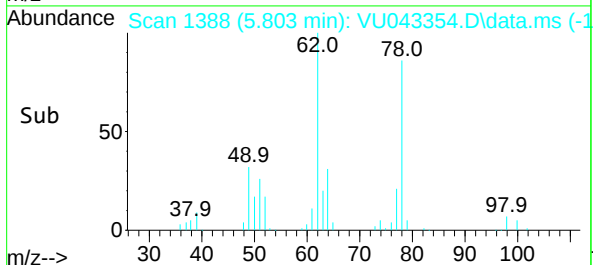
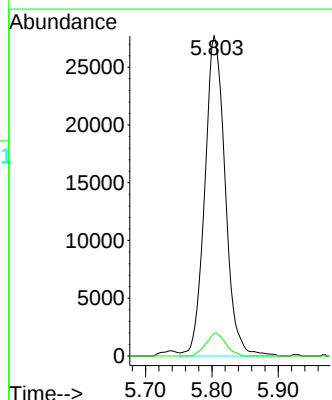
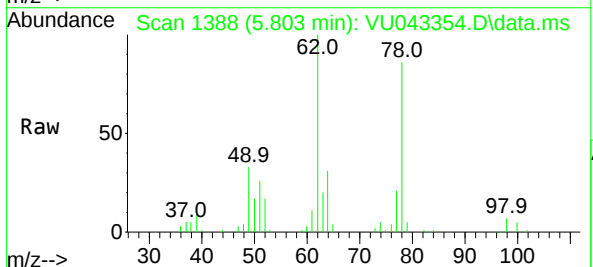
Tgt Ion: 83 Resp: 80797
Ion Ratio Lower Upper
83 100
85 67.1 45.6 84.8

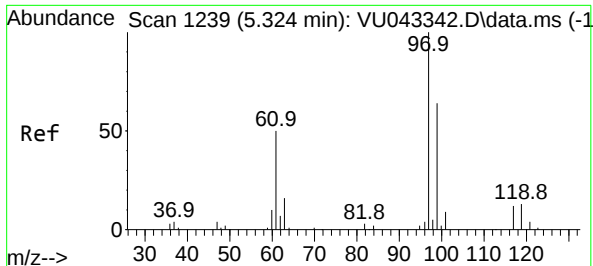


#27

1,2-Dichloroethane
Concen: 5.31 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 62 Resp: 59151
Ion Ratio Lower Upper
62 100
98 7.0 7.5 11.3#





#29

1,1,1-Trichloroethane

Concen: 4.84 ug/L

RT: 5.327 min Scan# 1240

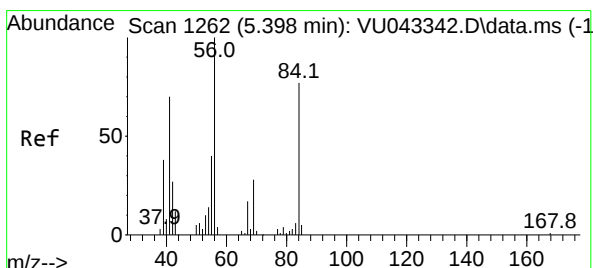
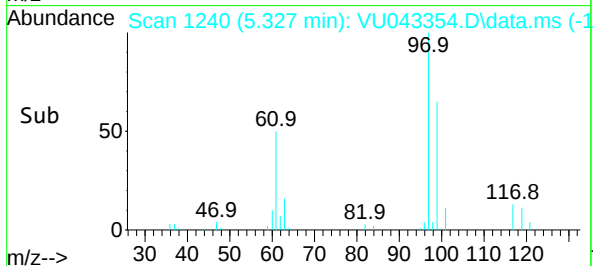
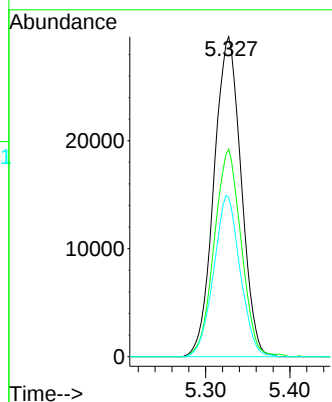
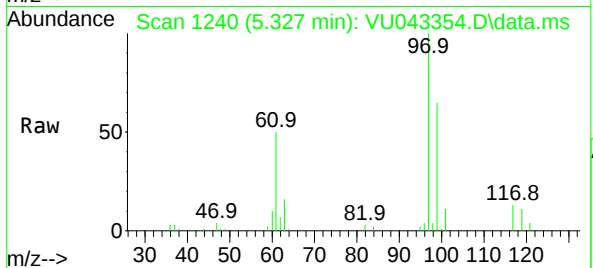
Delta R.T. 0.003 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:	97	Resp:	66250
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.3	75.5
61	49.0	32.7	49.1

Instrument :
MSVOA_U
ClientSampled :



#30

Cyclohexane

Concen: 4.49 ug/L

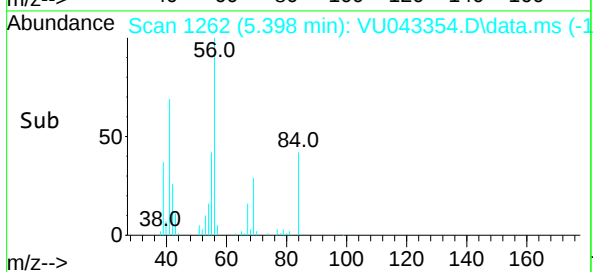
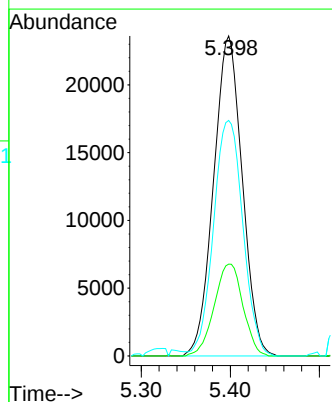
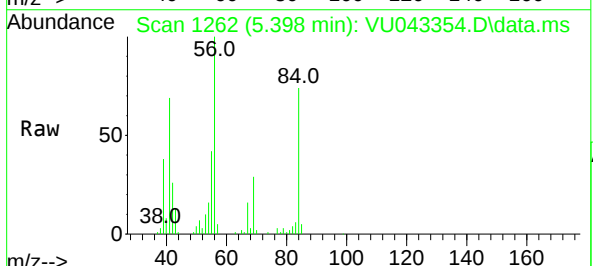
RT: 5.398 min Scan# 1262

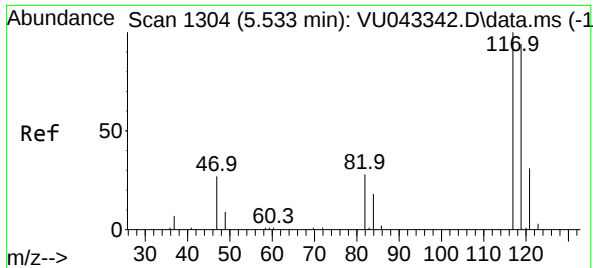
Delta R.T. 0.000 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:	56	Resp:	52700
Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.2	37.8
84	75.6	76.2	114.4#

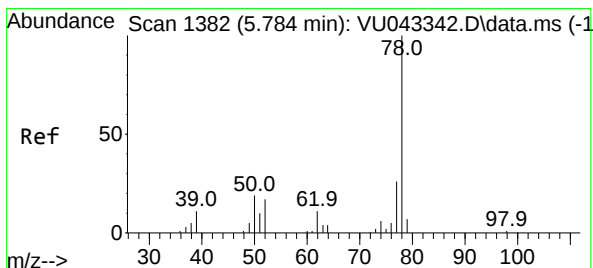
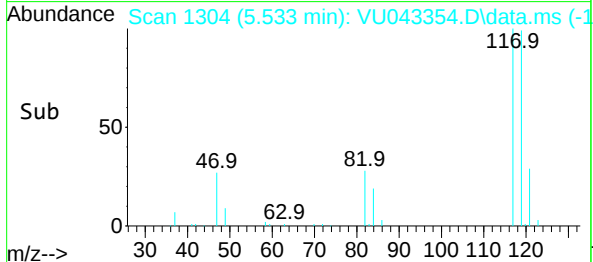
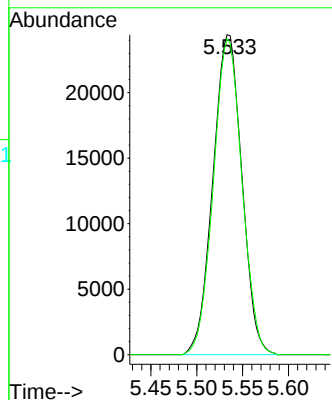
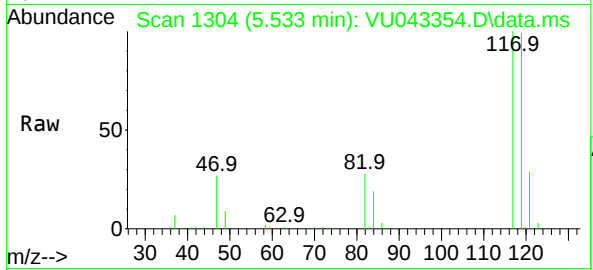




#31
Carbon tetrachloride
Concen: 4.70 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

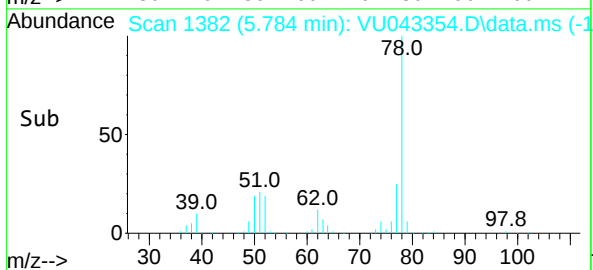
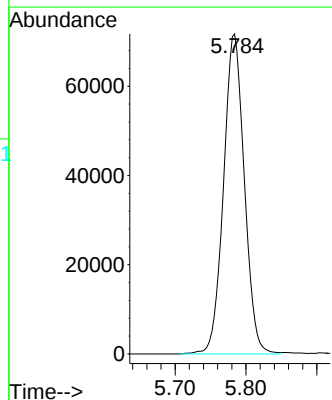
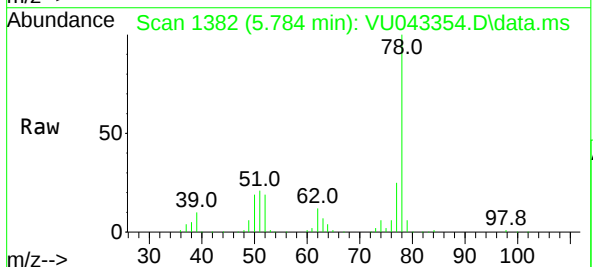
Instrument :
MSVOA_U
ClientSampled :

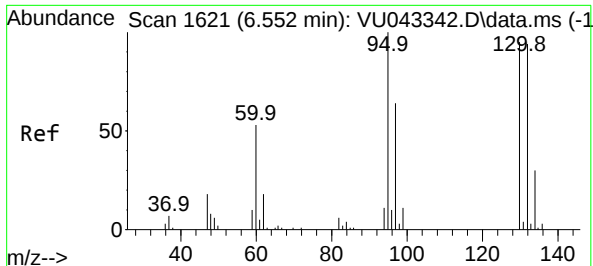
Tgt Ion:117 Resp: 53557
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4



#33
Benzene
Concen: 4.93 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 78 Resp: 146324

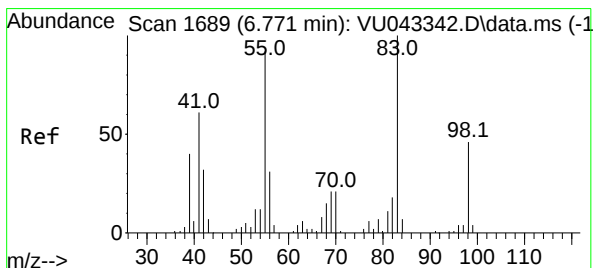
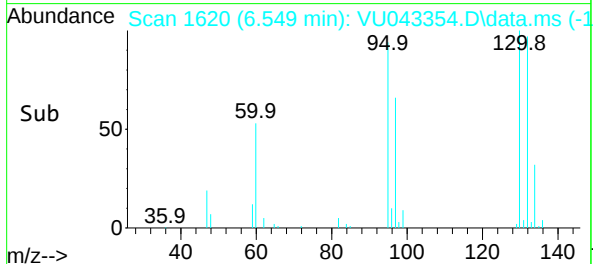
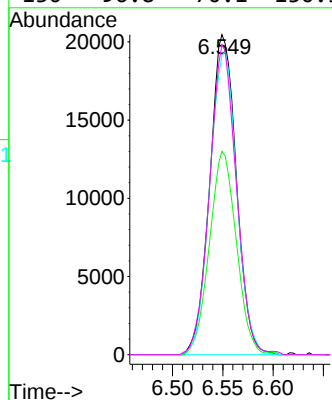
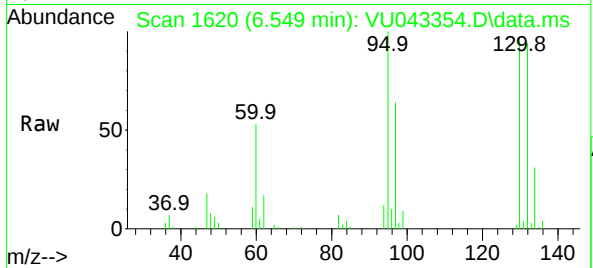




#34
Trichloroethene
Concen: 4.61 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

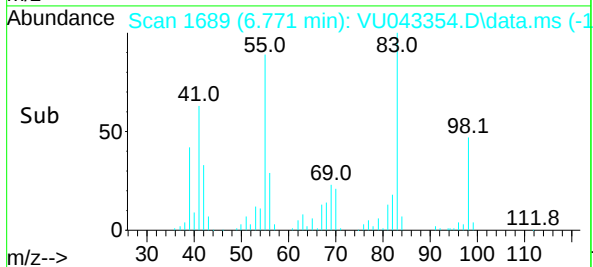
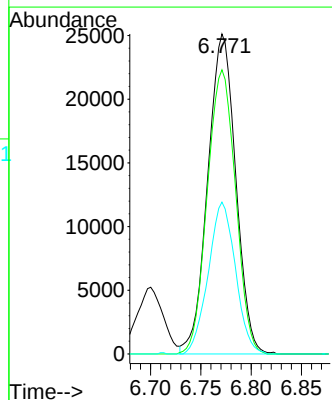
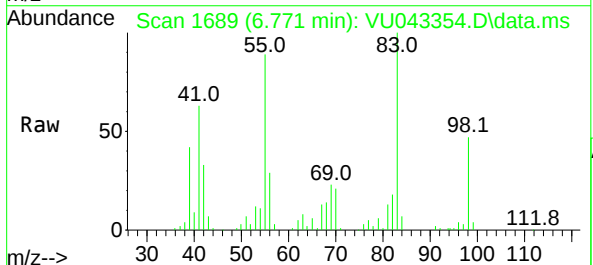
Instrument :
MSVOA_U
ClientSampleId :

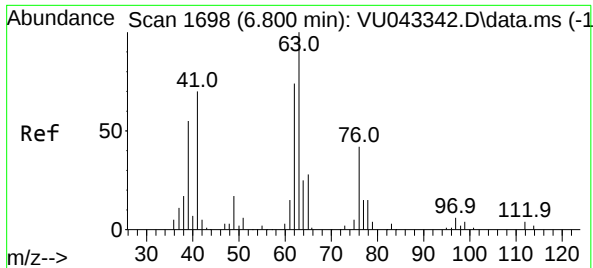
Tgt Ion: 95 Resp: 37661
Ion Ratio Lower Upper
95 100
97 63.6 45.8 85.2
132 93.7 68.7 127.7
130 96.8 70.1 130.3



#35
Methylcyclohexane
Concen: 4.30 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 83 Resp: 48614
Ion Ratio Lower Upper
83 100
55 89.7 59.5 89.3#
98 46.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.14 ug/L

RT: 6.800 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU043354.D

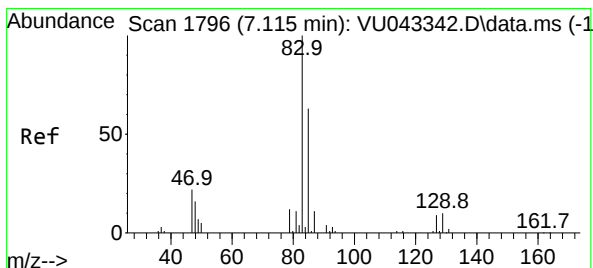
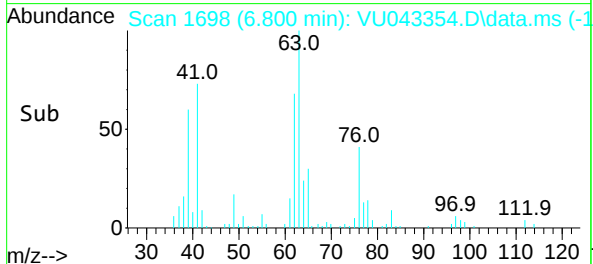
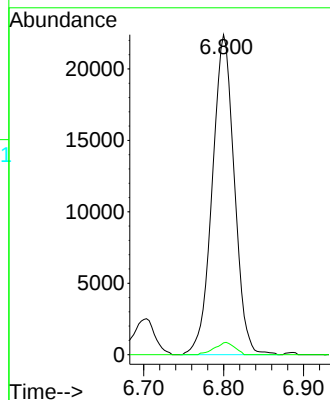
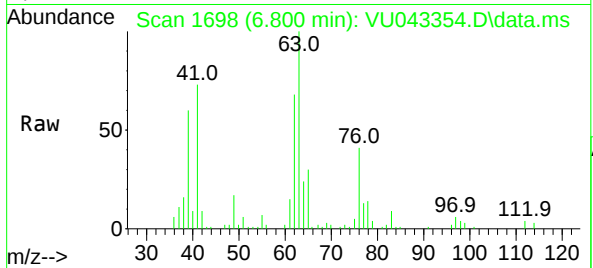
Acq: 27 Apr 2021 15:15

Tgt Ion: 63 Resp: 42896

Ion Ratio Lower Upper

63 100

112 3.5 3.5 5.3#



#38

Bromodichloromethane

Concen: 4.95 ug/L

RT: 7.115 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

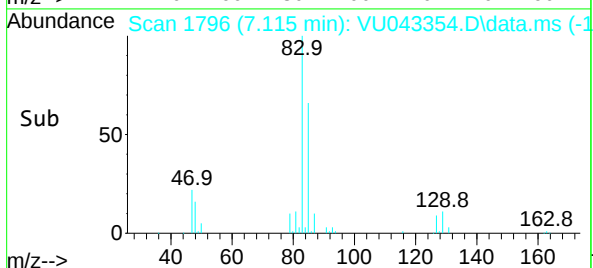
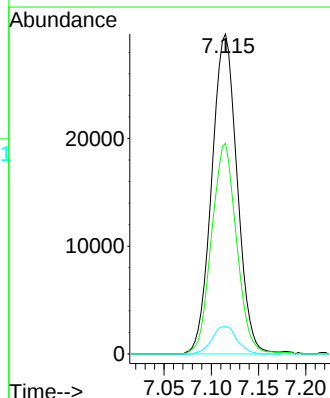
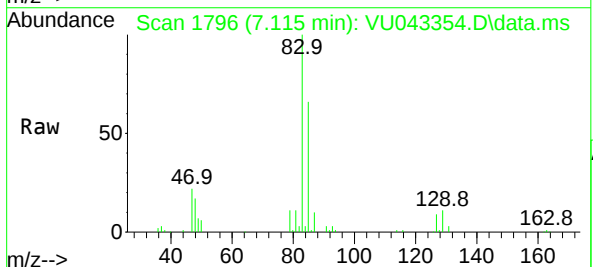
Tgt Ion: 83 Resp: 55478

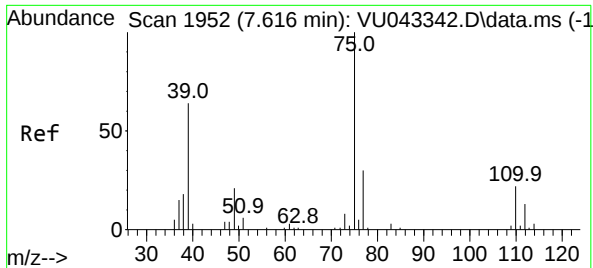
Ion Ratio Lower Upper

83 100

85 65.8 44.6 82.8

127 8.5 7.4 11.2

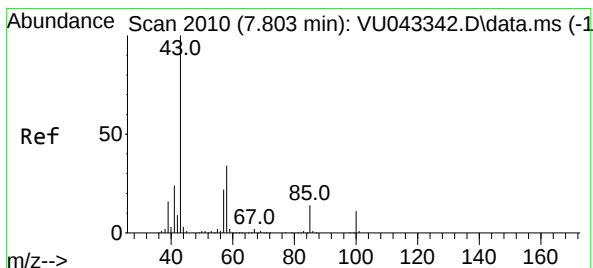
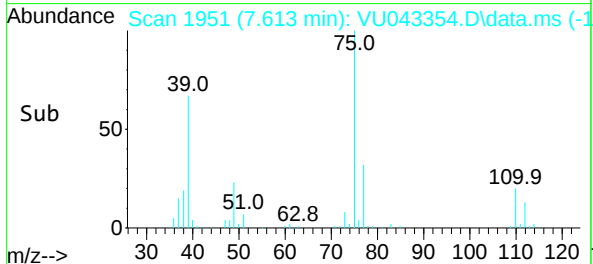
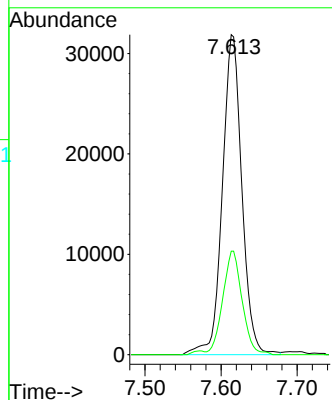
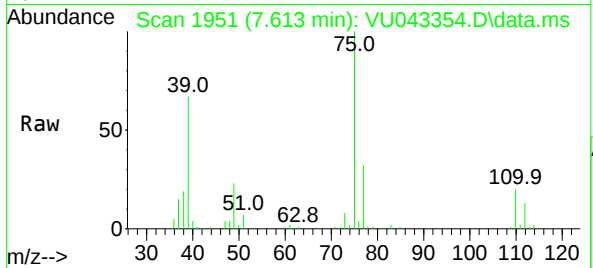




#39
cis-1,3-Dichloropropene
Concen: 4.65 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

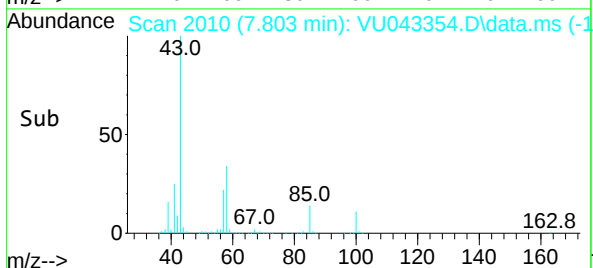
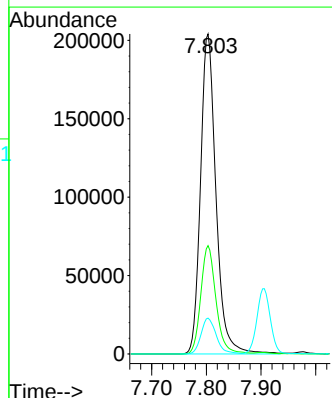
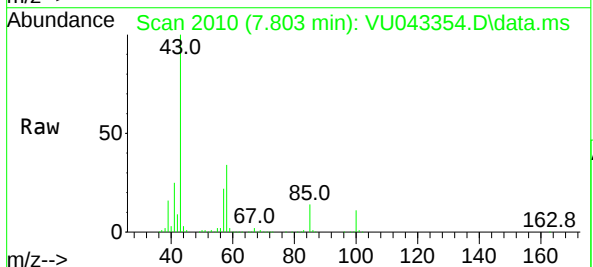
Instrument :
MSVOA_U
ClientSampled :

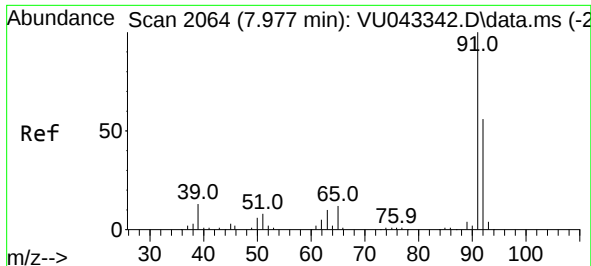
Tgt Ion: 75 Resp: 56727
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 53.66 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 43 Resp: 400638
Ion Ratio Lower Upper
43 100
58 33.2 35.8 53.6#
100 11.0 15.1 22.7#

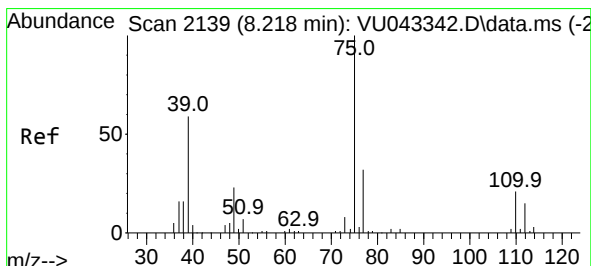
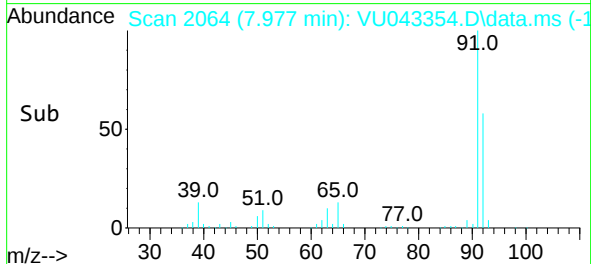
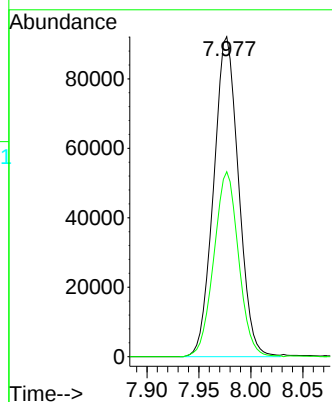
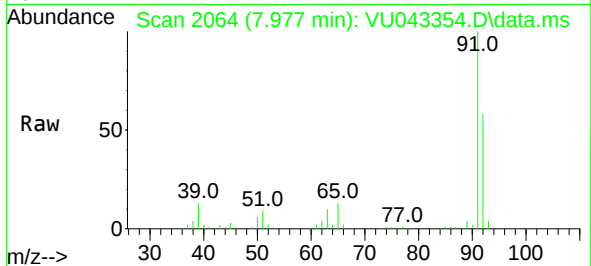




#42
Toluene
Concen: 4.64 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

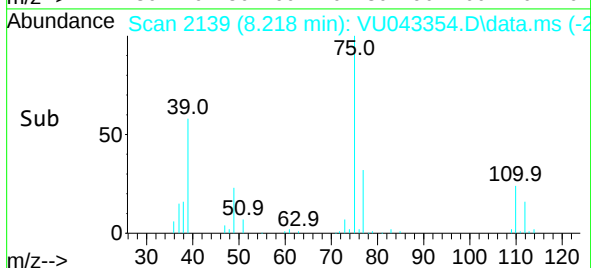
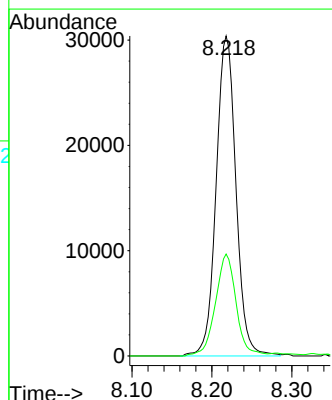
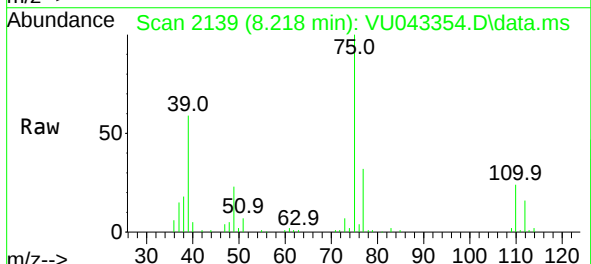
Instrument :
MSVOA_U
ClientSampled :

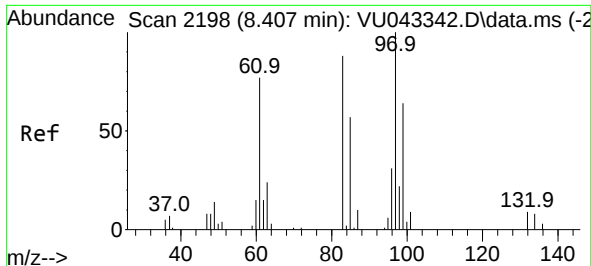
Tgt Ion: 91 Resp: 153802
Ion Ratio Lower Upper
91 100
92 57.8 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.54 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 75 Resp: 52145
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 5.01 ug/L

RT: 8.408 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion: 97 Resp: 31265

Ion Ratio Lower Upper

97 100

99 64.6 44.2 82.0

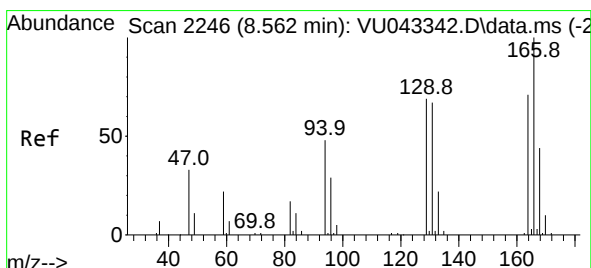
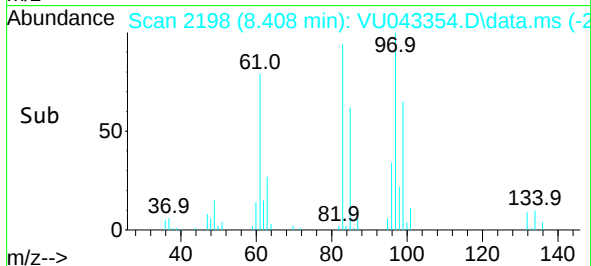
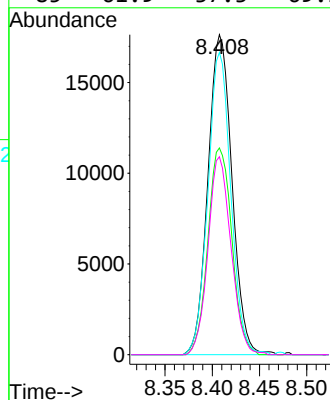
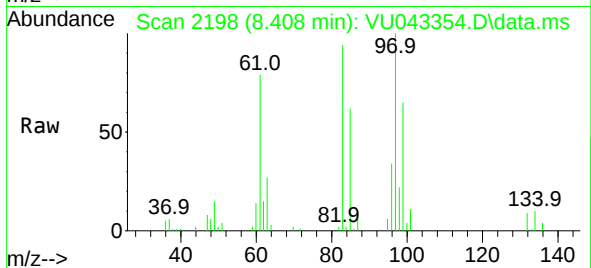
83 94.5 60.1 111.7

85 61.9 37.3 69.3

Instrument :

MSVOA_U

ClientSampled :



#47

Tetrachloroethene

Concen: 4.59 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:164 Resp: 29685

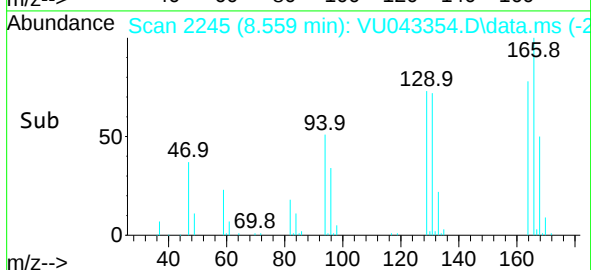
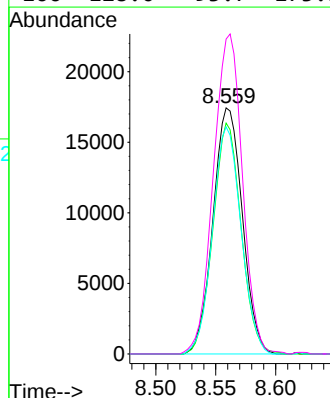
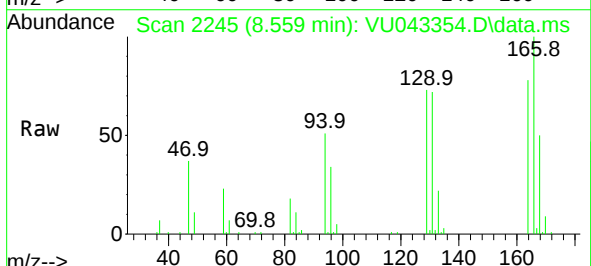
Ion Ratio Lower Upper

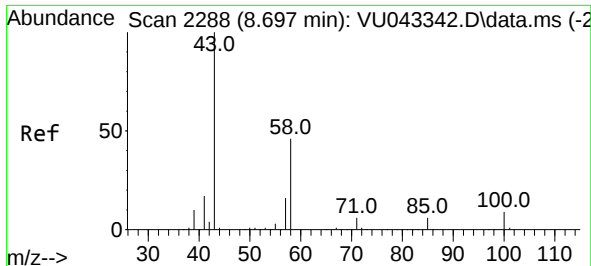
164 100

129 93.8 66.6 123.8

131 92.3 65.9 122.3

166 128.0 93.7 173.9

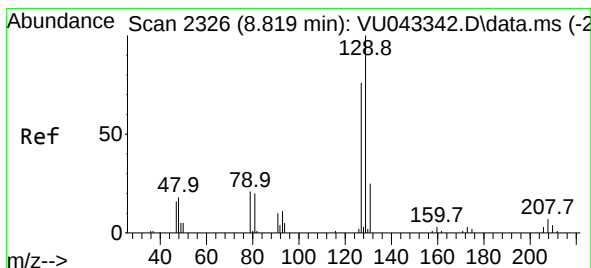
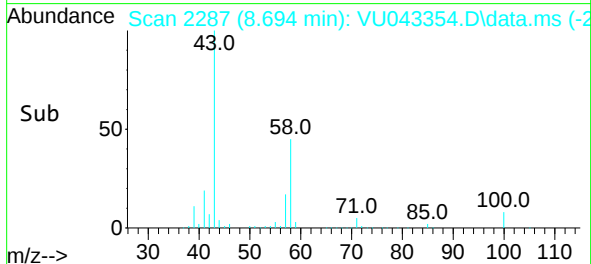
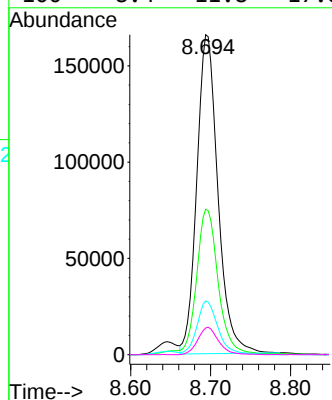
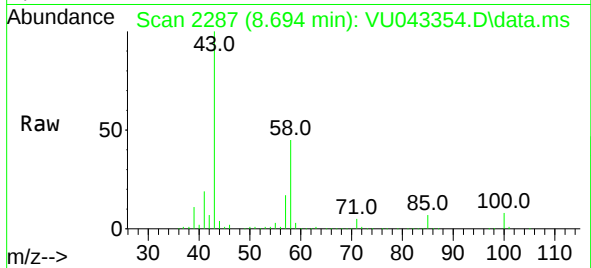




#48
2-Hexanone
Concen: 55.60 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

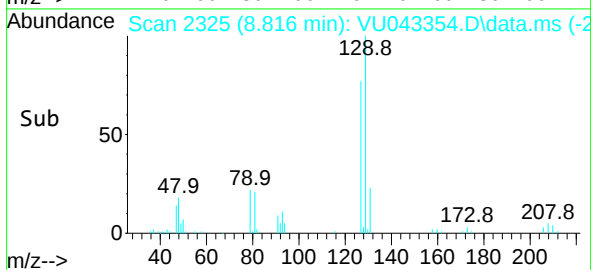
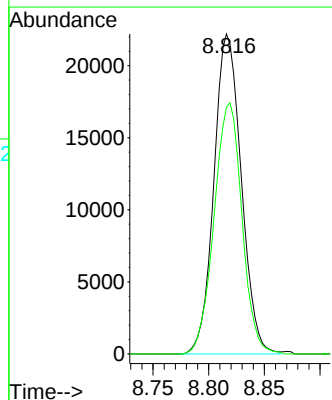
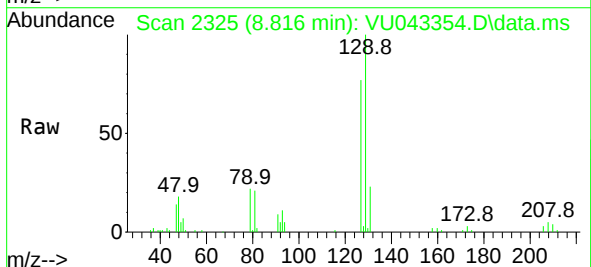
Instrument :
MSVOA_U
ClientSampled :

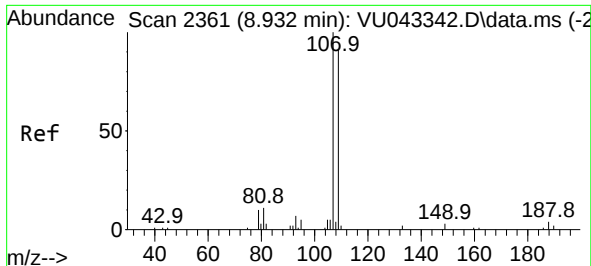
Tgt Ion: 43	Resp: 305416
Ion Ratio	Lower Upper
43	100
58	47.5 50.0 75.0#
57	16.9 17.4 26.0#
100	8.4 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.82 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

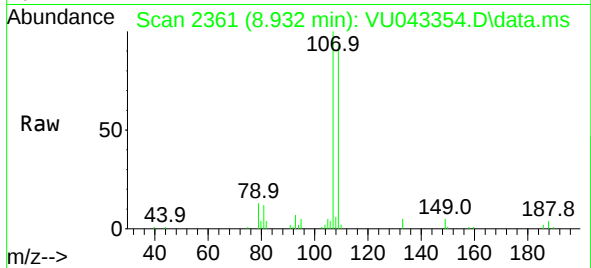
Tgt Ion: 129	Resp: 37889
Ion Ratio	Lower Upper
129	100
127	77.1 56.6 105.2



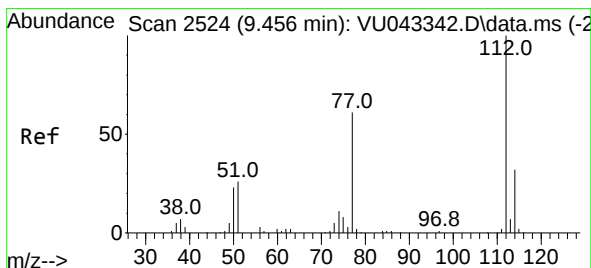
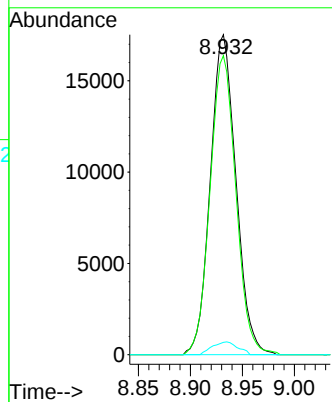
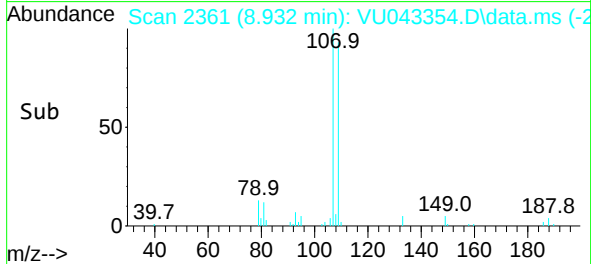


#50
1,2-Dibromoethane
Concen: 4.85 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

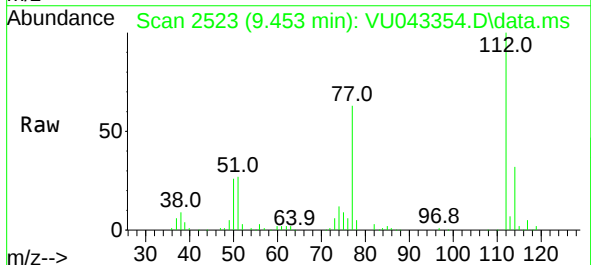
Instrument :
MSVOA_U
ClientSampled :



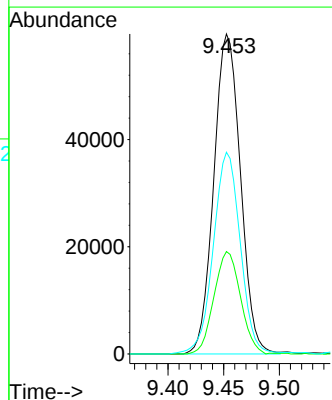
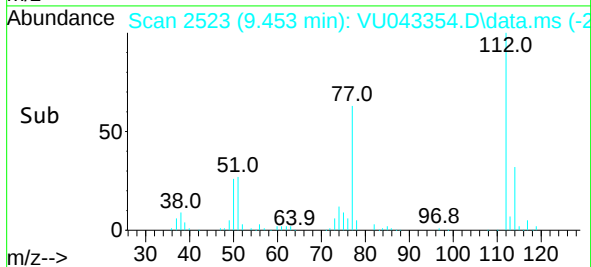
Tgt Ion:107 Resp: 30084
Ion Ratio Lower Upper
107 100
109 93.5 65.4 121.4
188 3.9 2.5 3.7#

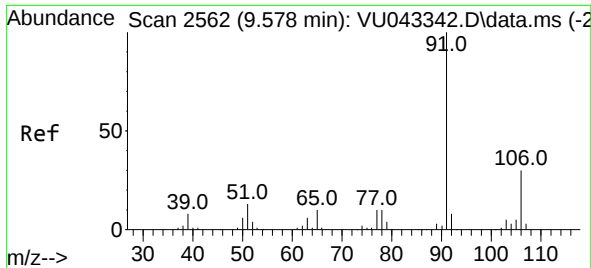


#51
Chlorobenzene
Concen: 4.71 ug/L
RT: 9.453 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15



Tgt Ion:112 Resp: 99509
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 63.1 45.1 67.7

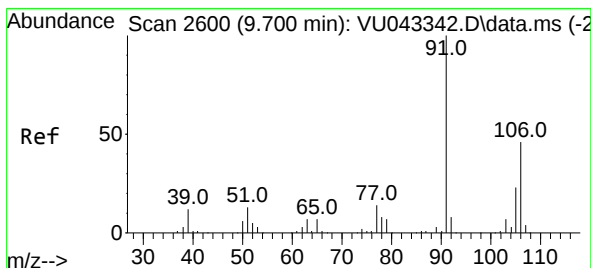
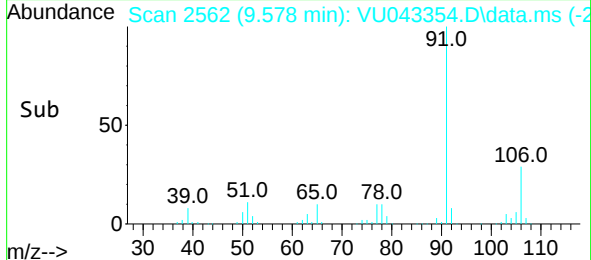
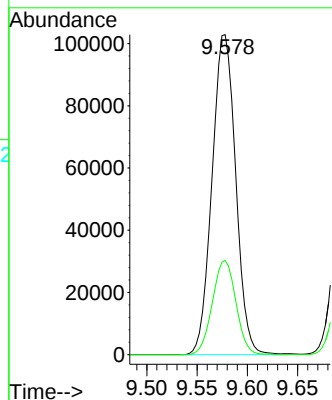
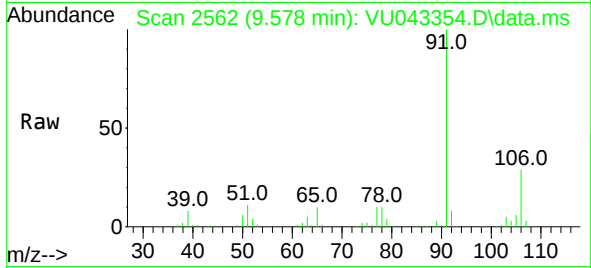




#52
Ethylbenzene
Concen: 4.45 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

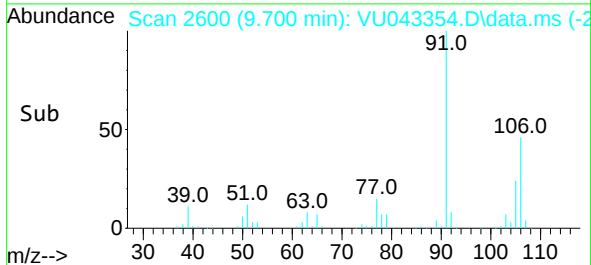
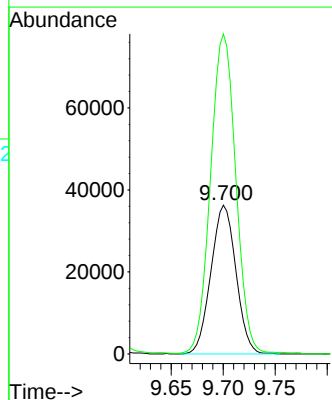
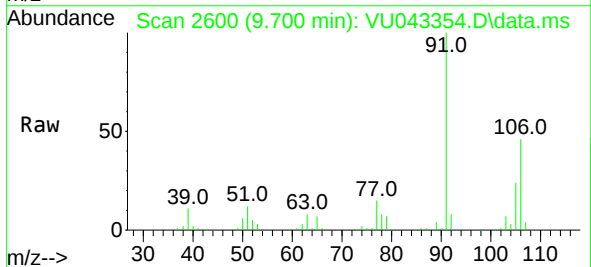
Instrument :
MSVOA_U
ClientSampled :

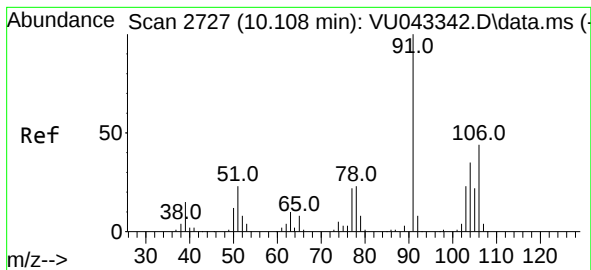
Tgt Ion: 91 Resp: 168577
Ion Ratio Lower Upper
91 100
106 29.4 22.0 40.8



#53
m,p-Xylene
Concen: 4.38 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 106 Resp: 60726
Ion Ratio Lower Upper
106 100
91 215.1 137.6 255.6

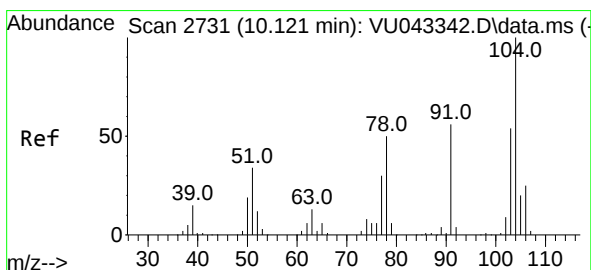
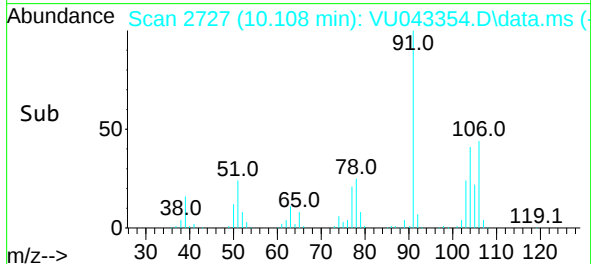
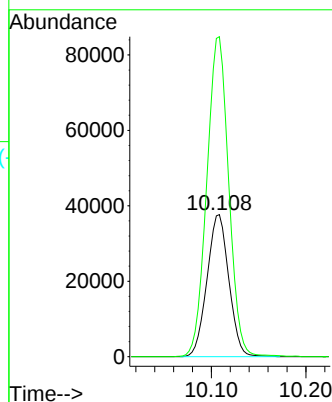
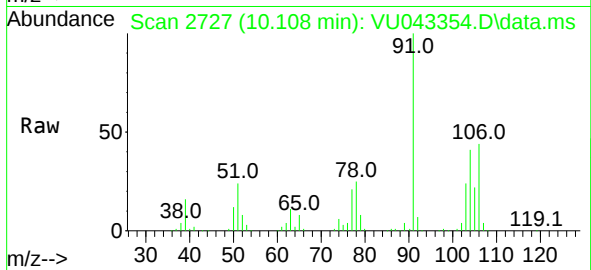




#54
o-Xylene
Concen: 4.40 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

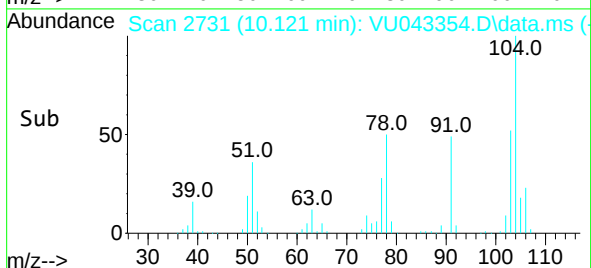
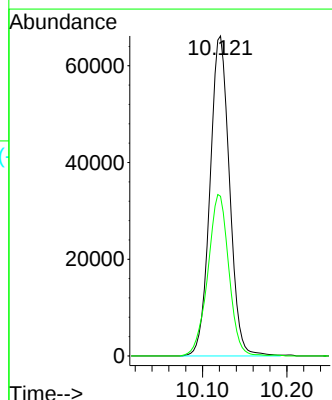
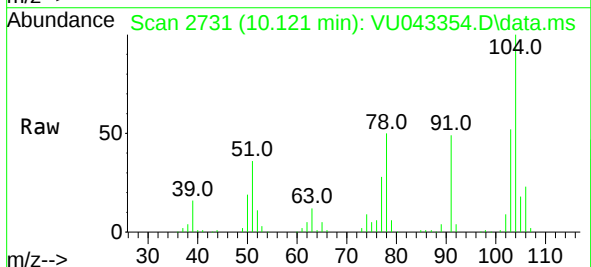
Instrument :
MSVOA_U
ClientSampled :

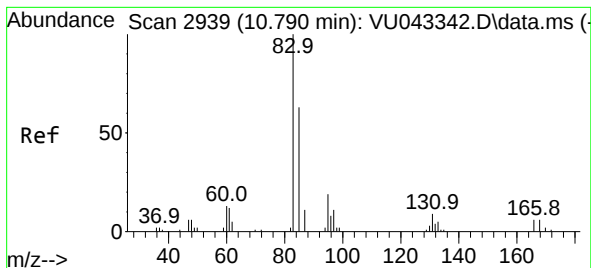
Tgt Ion:106 Resp: 60393
Ion Ratio Lower Upper
106 100
91 225.1 148.5 275.9



#55
Styrene
Concen: 4.53 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion:104 Resp: 106555
Ion Ratio Lower Upper
104 100
78 49.9 32.3 60.1

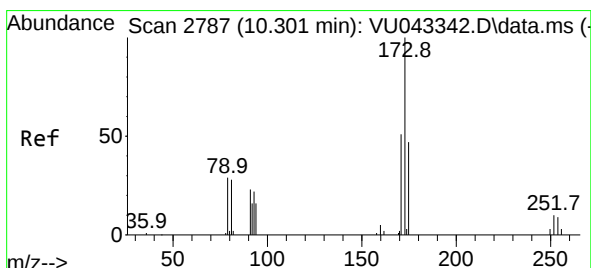
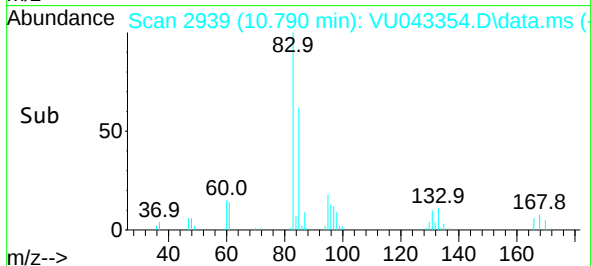
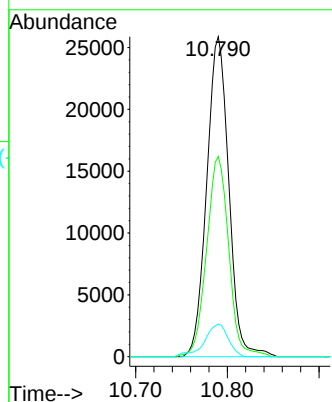
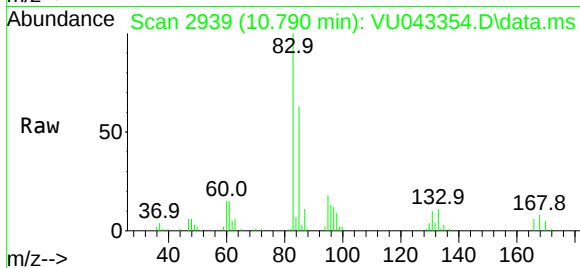




#57
1,1,2,2-Tetrachloroethane
Concen: 5.27 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

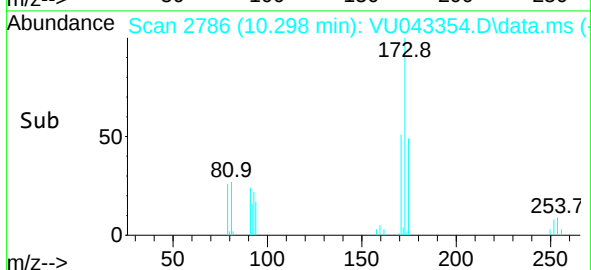
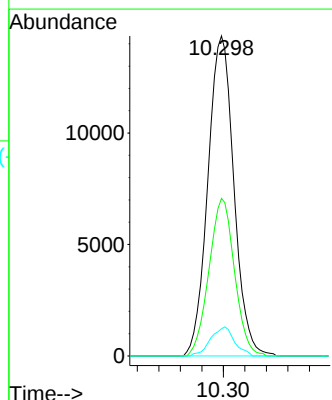
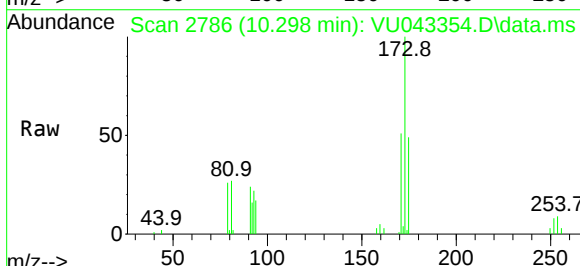
Instrument :
MSVOA_U
ClientSampled :

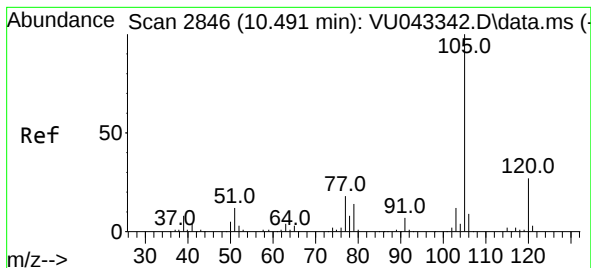
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	44.9	83.5
131	10.2	8.2	12.4



#59
Bromoform
Concen: 5.02 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.4	59.0
254	8.3	8.0	12.0





#60

Isopropylbenzene

Concen: 4.31 ug/L

RT: 10.491 min Scan# 2846

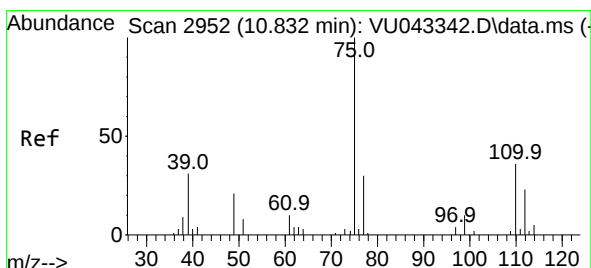
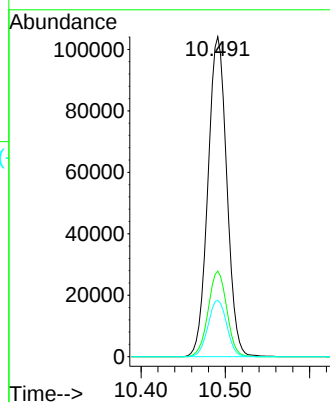
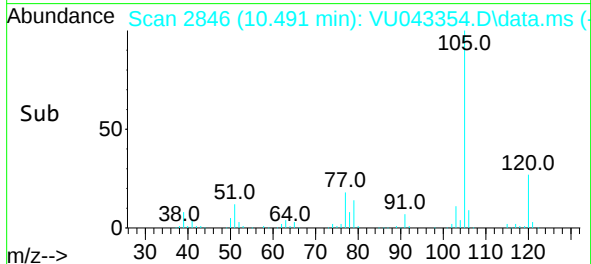
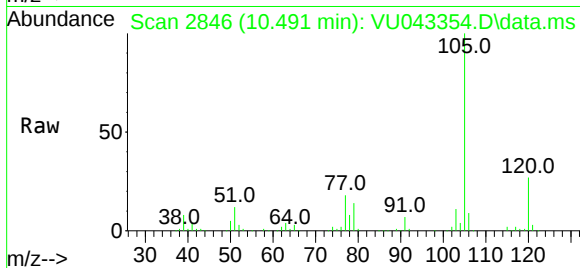
Delta R.T. 0.000 min

Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion:105 Resp: 162332

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.9	31.3
77	17.5	11.8	17.8



#61

1,2,3-Trichloropropane

Concen: 5.15 ug/L

RT: 10.829 min Scan# 2951

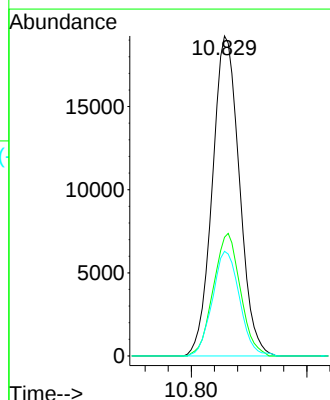
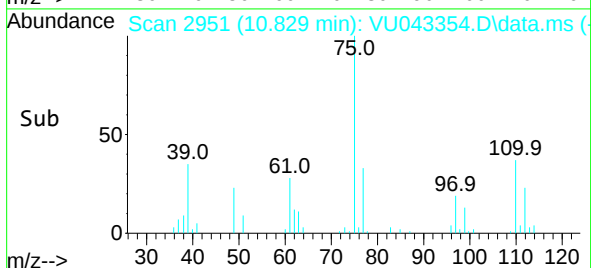
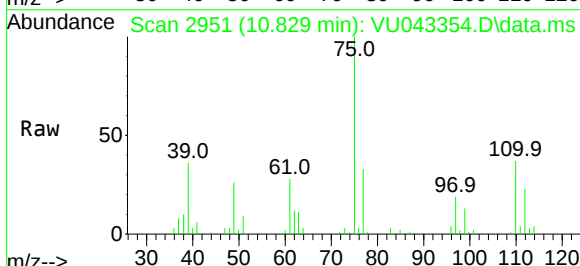
Delta R.T. -0.003 min

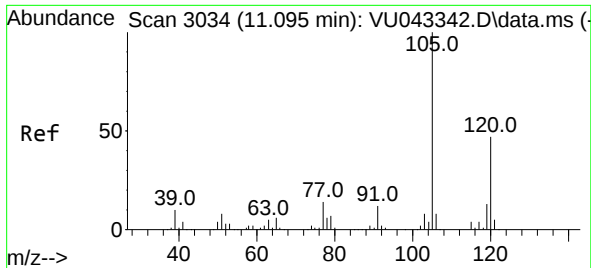
Lab File: VU043354.D

Acq: 27 Apr 2021 15:15

Tgt Ion: 75 Resp: 31217

Ion	Ratio	Lower	Upper
75	100		
110	38.2	31.5	47.3
77	32.9	26.3	39.5

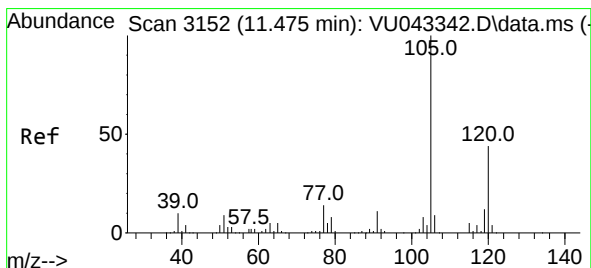
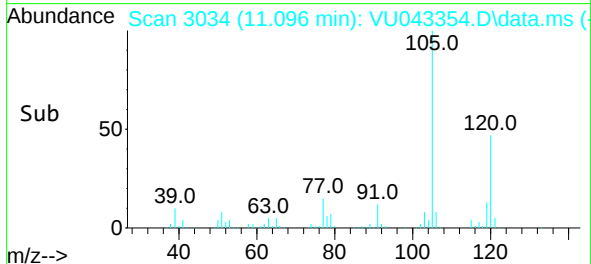
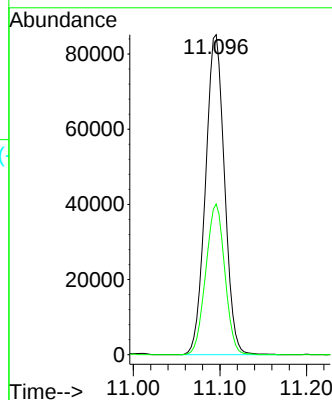
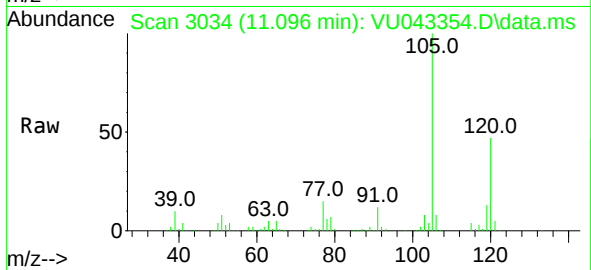




#62
1,3,5-Trimethylbenzene
Concen: 4.21 ug/L
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

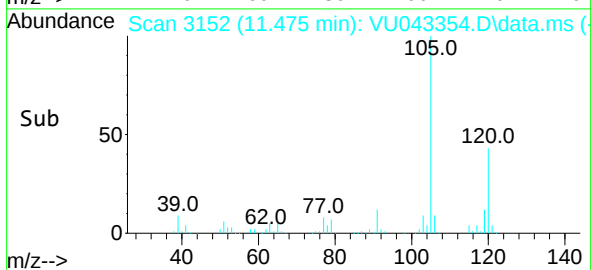
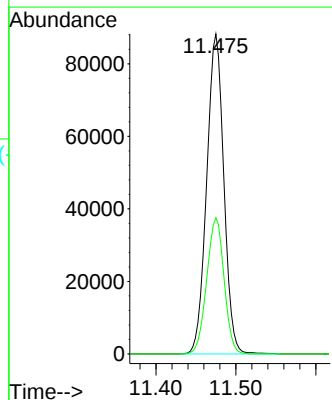
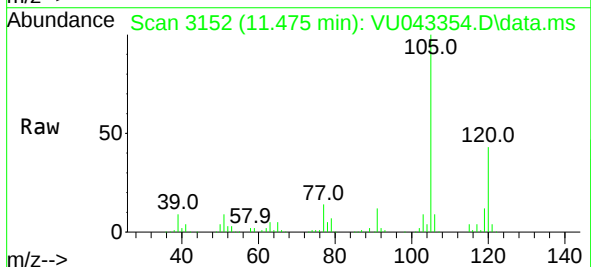
Instrument :
MSVOA_U
ClientSampled :

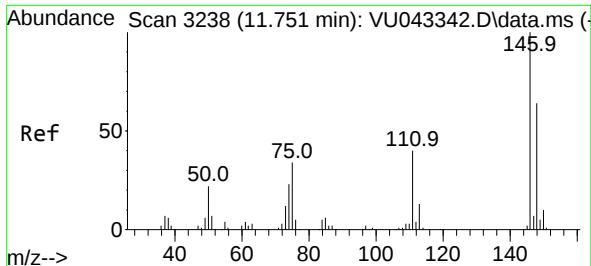
Tgt Ion:105 Resp: 129626
Ion Ratio Lower Upper
105 100
120 47.2 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.16 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion:105 Resp: 131878
Ion Ratio Lower Upper
105 100
120 42.9 36.7 55.1

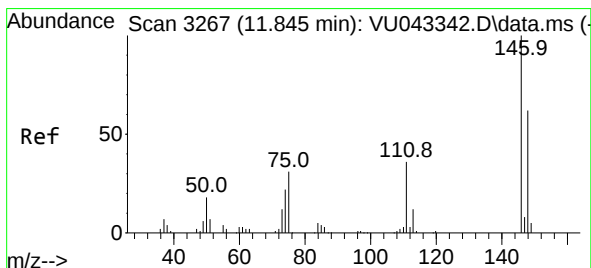
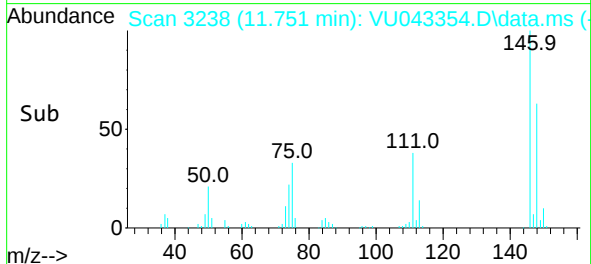
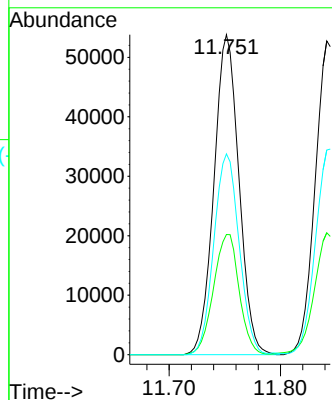
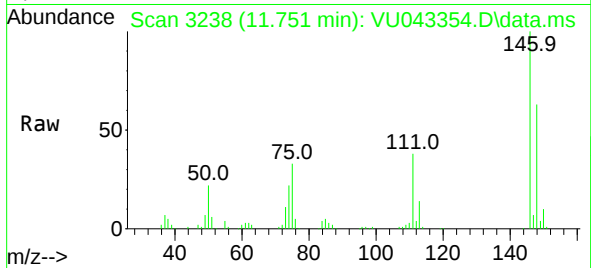




#64
1,3-Dichlorobenzene
Concen: 4.69 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

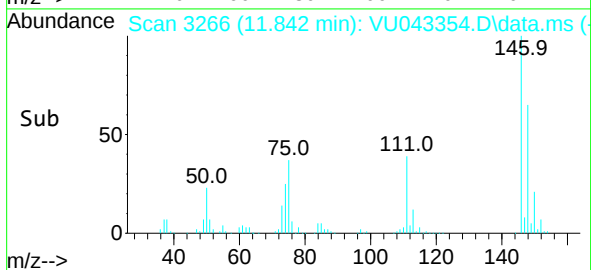
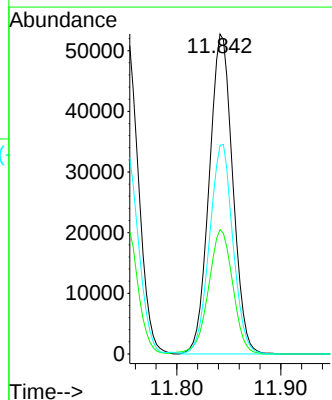
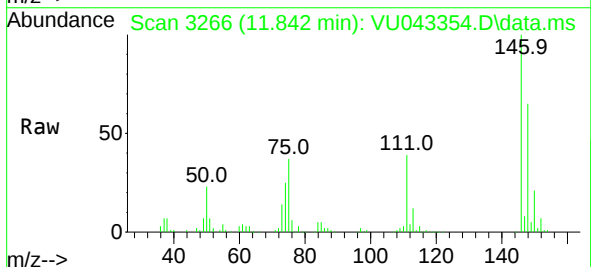
Instrument :
MSVOA_U
ClientSampleId :

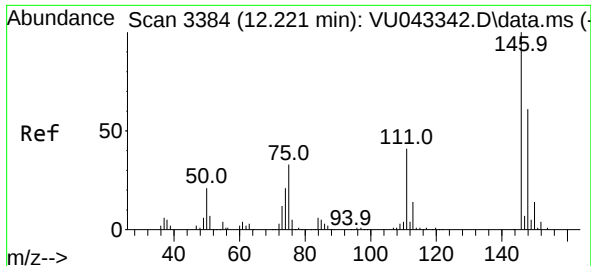
Tgt Ion:146 Resp: 83799
Ion Ratio Lower Upper
146 100
111 37.6 27.6 51.2
148 62.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.57 ug/L
RT: 11.842 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion:146 Resp: 82830
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.5
148 65.2 43.9 81.5

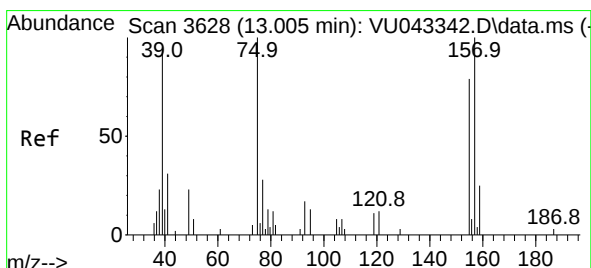
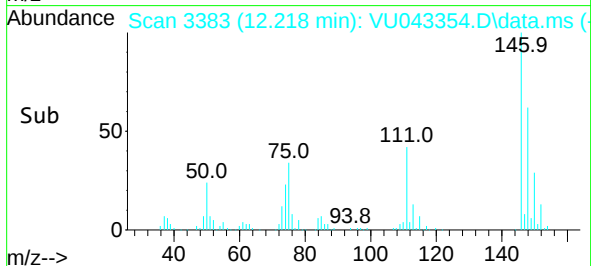
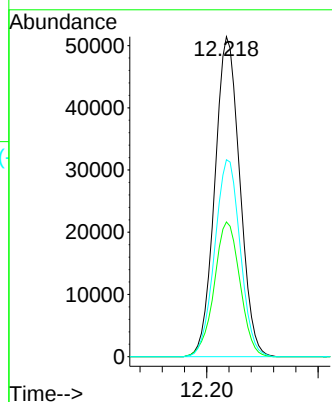
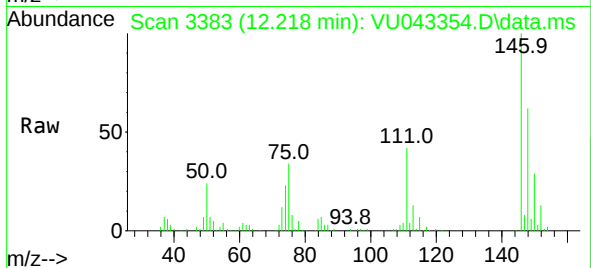




#67
1,2-Dichlorobenzene
Concen: 4.61 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

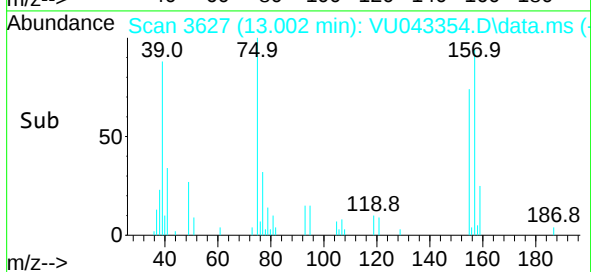
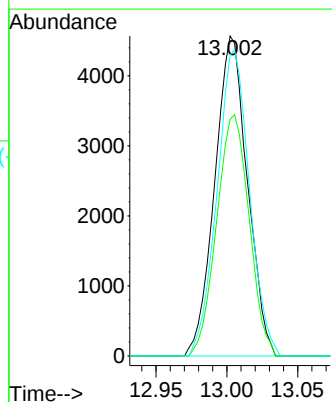
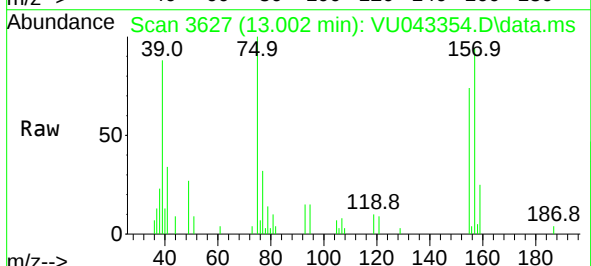
Instrument :
MSVOA_U
ClientSampled :

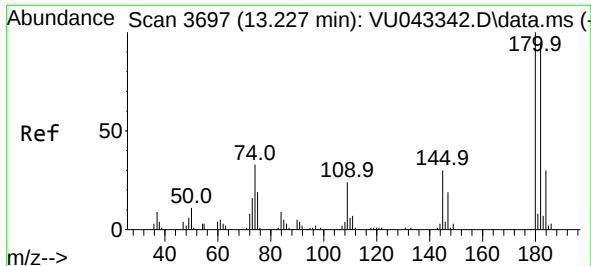
Tgt Ion:146 Resp: 80130
Ion Ratio Lower Upper
146 100
111 42.1 31.9 47.9
148 61.5 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.95 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

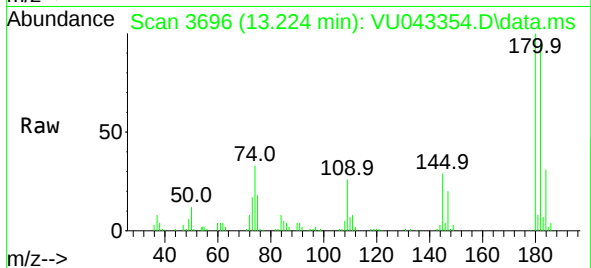
Tgt Ion: 75 Resp: 7302
Ion Ratio Lower Upper
75 100
155 74.0 67.8 101.8
157 94.0 82.4 123.6



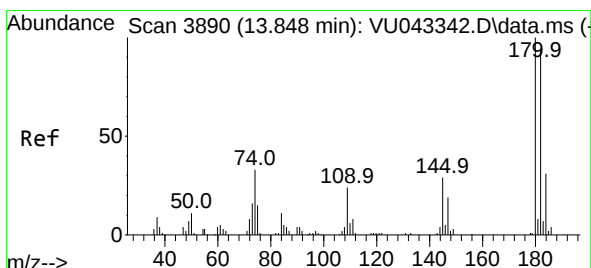
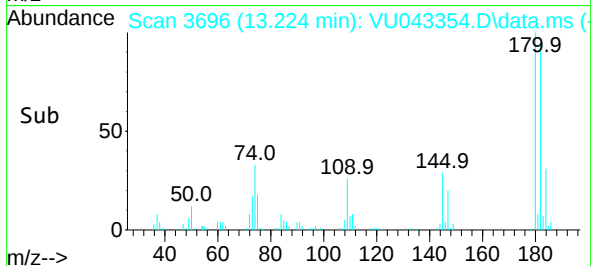
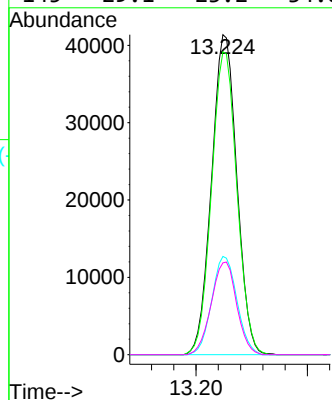


#69
1,3,5-Trichlorobenzene
Concen: 4.44 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Instrument :
MSVOA_U
ClientSampleId :

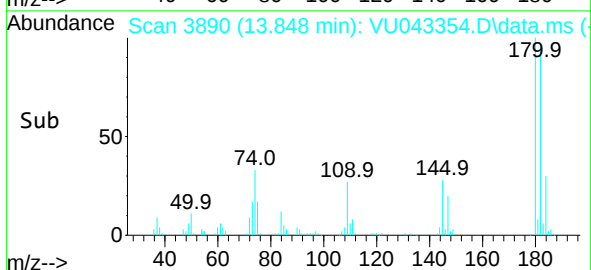
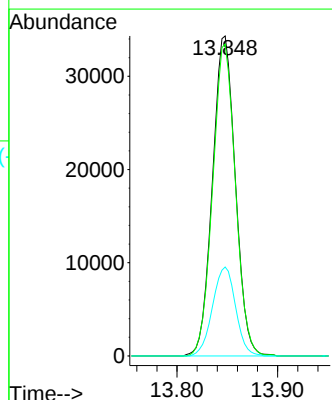
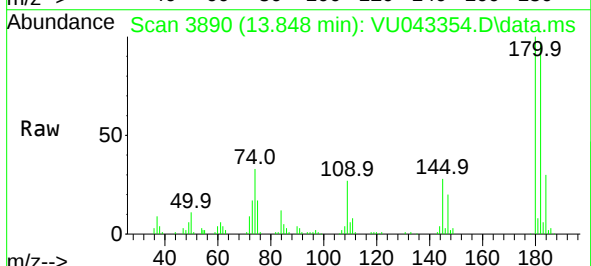


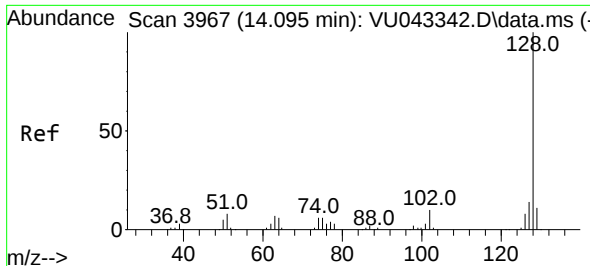
Tgt Ion:180 Resp: 65183
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
184 30.6 24.0 36.0
145 29.1 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 4.47 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion:180 Resp: 54265
Ion Ratio Lower Upper
180 100
182 96.9 76.5 114.7
145 28.0 24.1 36.1

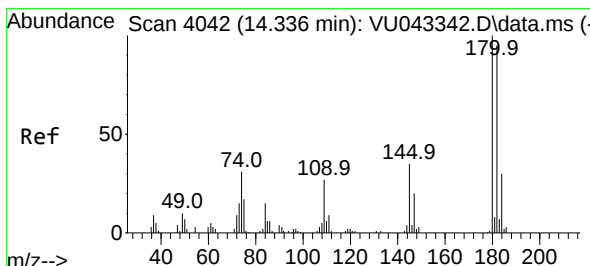
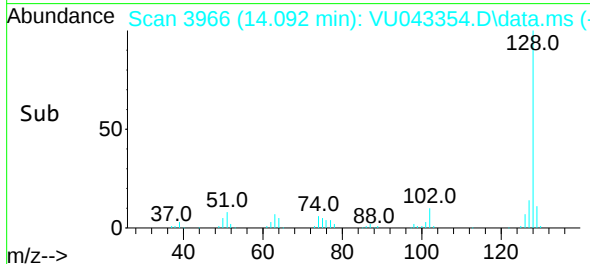
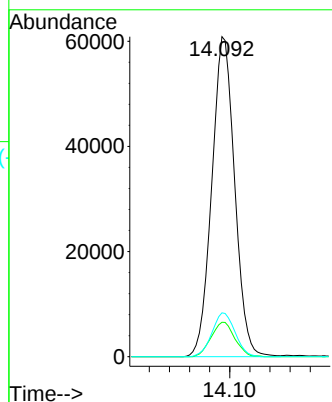
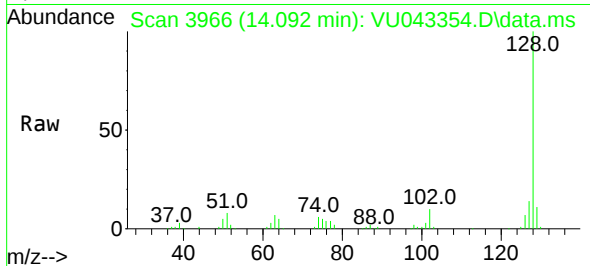




#71
Naphthalene
Concen: 4.69 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	96087
Ion Ratio	Lower	Upper
128	100	
129	11.1	8.6 12.8
127	13.9	10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.89 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043354.D
Acq: 27 Apr 2021 15:15

Tgt Ion:180	Resp:	54457
Ion Ratio	Lower	Upper
180	100	
182	95.5	75.8 113.8
145	31.3	25.0 37.4

