

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043645.D
 Acq On : 10 May 2021 17:55
 Operator : SY/MD
 Sample : M2300-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:00:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	100867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	97039	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49510	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26306	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.919	69	22139	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.575	65	13632	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.645	46	140848	55.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.88%
24) Chloroform-d	5.076	84	66798	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.713	65	40144	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.735	84	115519	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.700	67	41991	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.906	98	102746	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloroprop...	8.185	79	16132	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.642	63	89139	57.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.46%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35948	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	38504	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	33280	4.87	ug/L	99
3) Chloromethane	1.523	50	34217	4.75	ug/L	100
5) Vinyl chloride	1.607	62	35714	5.23	ug/L	98
6) Bromomethane	1.864	94	17712	5.48	ug/L	94
8) Chloroethane	1.941	64	22109	5.01	ug/L	98
9) Trichlorofluoromethane	2.144	101	53879	5.07	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34276	5.22	ug/L	99
12) 1,1-Dichloroethene	2.588	96	28241	5.01	ug/L	88
13) Acetone	2.658	43	94513	56.29	ug/L	96
14) Carbon disulfide	2.800	76	67845	4.81	ug/L	99
15) Methyl Acetate	2.964	43	22168	5.79	ug/L	95
16) Methylene chloride	3.054	84	36767	4.07	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	91239	5.54	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	29972	5.10	ug/L	95
19) 1,1-Dichloroethane	3.880	63	73363	5.25	ug/L	99
21) 2-Butanone	4.726	43	161050	59.82	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	35859	5.19	ug/L	97
23) Bromochloromethane	4.986	128	16721	5.44	ug/L	90
25) Chloroform	5.099	83	73863	4.96	ug/L	96

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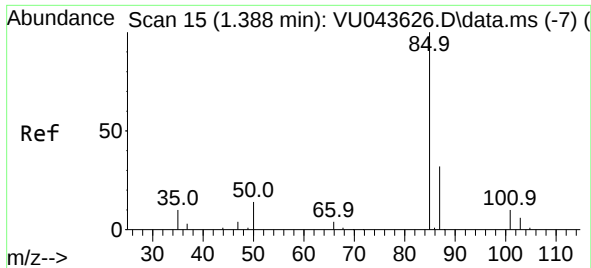
Quant Time: May 11 04:00:19 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52772	5.22	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	60438	5.30	ug/L	98
30) Cyclohexane	5.398	56	51693	5.68	ug/L	99
31) Carbon tetrachloride	5.533	117	49702	5.31	ug/L	99
33) Benzene	5.784	78	143398	5.61	ug/L	100
34) Trichloroethene	6.552	95	35834	5.49	ug/L	96
35) Methylcyclohexane	6.774	83	46247	5.48	ug/L	98
37) 1,2-Dichloropropane	6.800	63	43347	5.68	ug/L	99
38) Bromodichloromethane	7.115	83	54791	5.54	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	56438	5.58	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	375775	60.17	ug/L	100
42) Toluene	7.976	91	153714	5.75	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	51630	5.60	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	29567	5.61	ug/L	98
47) Tetrachloroethene	8.562	164	24888	5.18	ug/L	96
48) 2-Hexanone	8.694	43	282753	61.03	ug/L	98
49) Dibromochloromethane	8.816	129	33612	5.27	ug/L	97
50) 1,2-Dibromoethane	8.931	107	26991	5.50	ug/L	96
51) Chlorobenzene	9.456	112	93051	5.48	ug/L	100
52) Ethylbenzene	9.578	91	160812	5.67	ug/L	98
53) m,p-Xylene	9.700	106	59951	5.82	ug/L	96
54) o-Xylene	10.108	106	56963	5.69	ug/L	93
55) Styrene	10.121	104	99719	5.69	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	39590	5.57	ug/L	96
59) Bromoform	10.298	173	20260	5.62	ug/L	97
60) Isopropylbenzene	10.491	105	156478	5.80	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	28413	5.67	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	125457	5.92	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	128106	6.03	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	75084	5.61	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	73587	5.36	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	71600	5.32	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7130	5.97	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	57301	5.41	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	45748	5.24	ug/L	98
71) Naphthalene	14.092	128	84980	5.65	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	44786	5.47	ug/L	99

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

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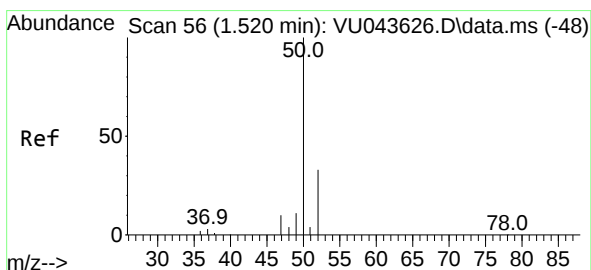
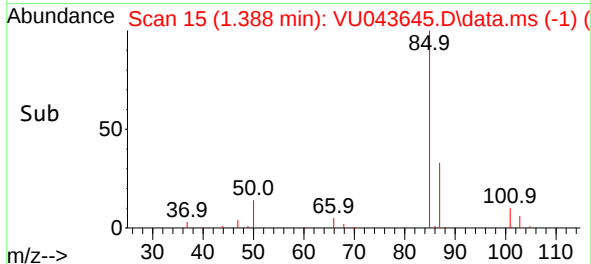
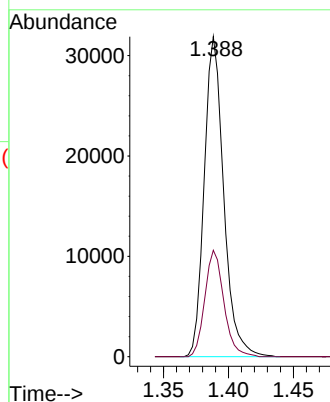
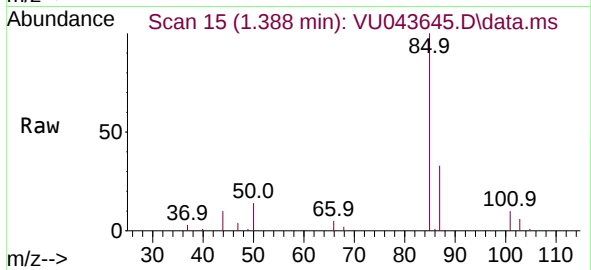




#2
Dichlorodifluoromethane
Concen: 4.87 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

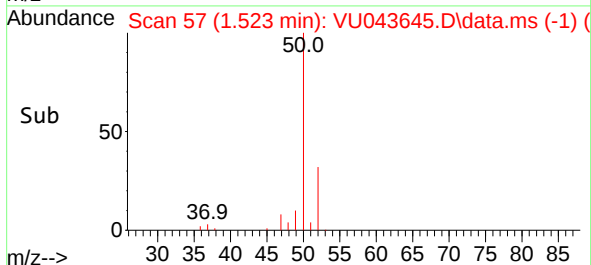
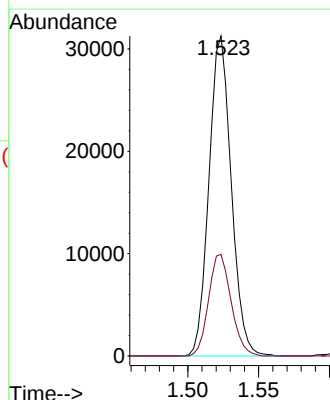
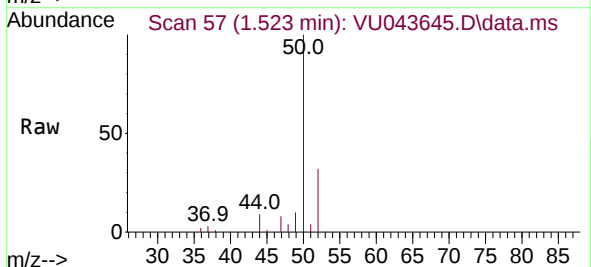
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MSVOA_U
ClientSampled :

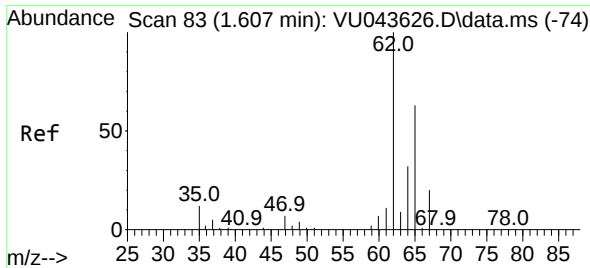
Tgt Ion: 85 Resp: 33280
Ion Ratio Lower Upper
85 100
87 32.5 26.6 39.8



#3
Chloromethane
Concen: 4.75 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 50 Resp: 34217
Ion Ratio Lower Upper
50 100
52 31.8 22.1 41.1

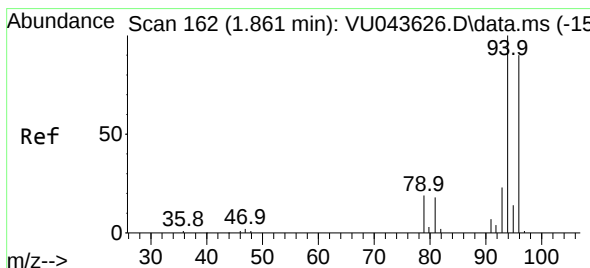
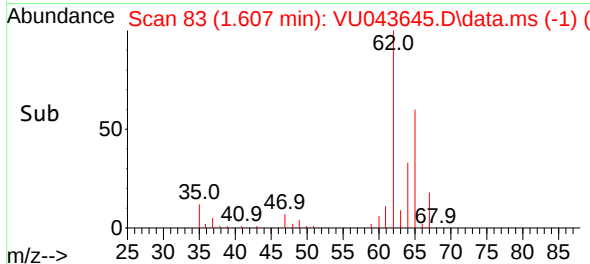
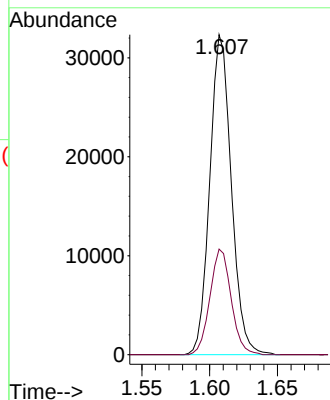
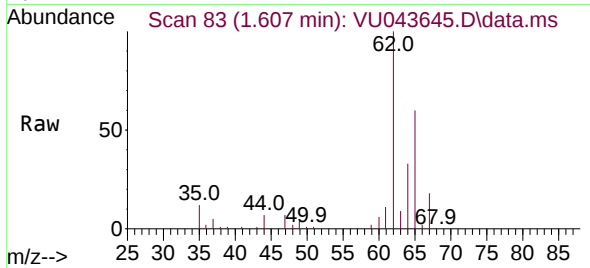




#5
 Vinyl chloride
 Concen: 5.23 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043645.D
 Acq: 10 May 2021 17:55

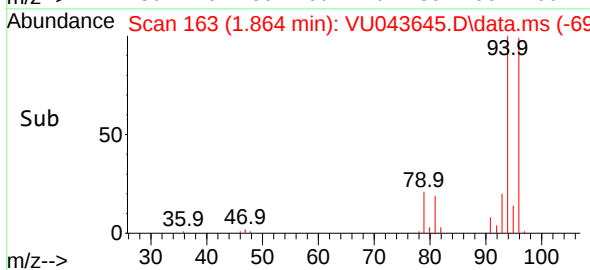
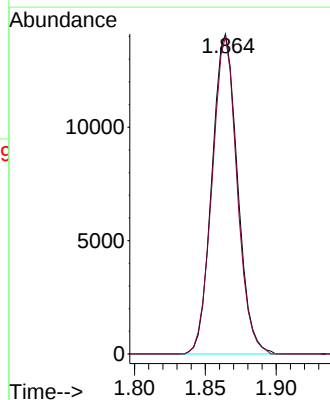
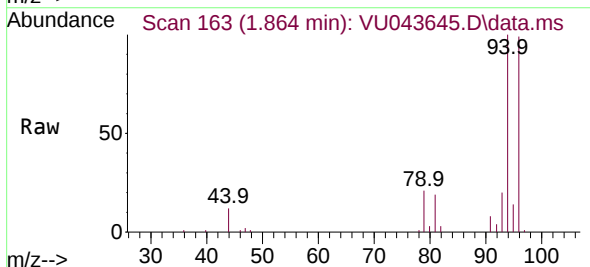
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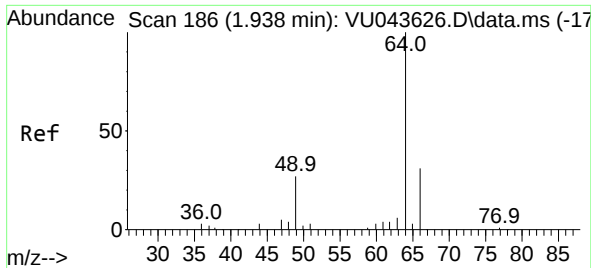
Tgt Ion: 62 Resp: 35714
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.3



#6
 Bromomethane
 Concen: 5.48 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU043645.D
 Acq: 10 May 2021 17:55

Tgt Ion: 94 Resp: 17712
 Ion Ratio Lower Upper
 94 100
 96 99.3 65.7 121.9

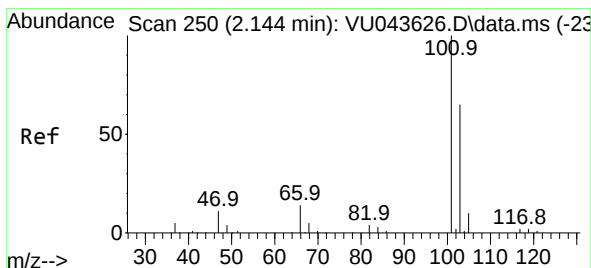
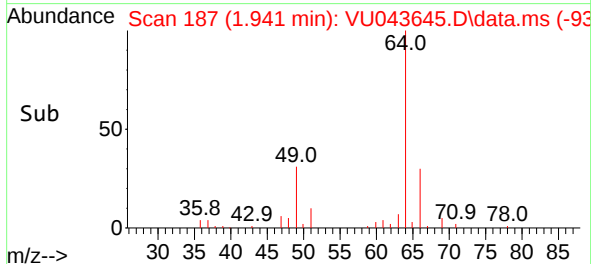
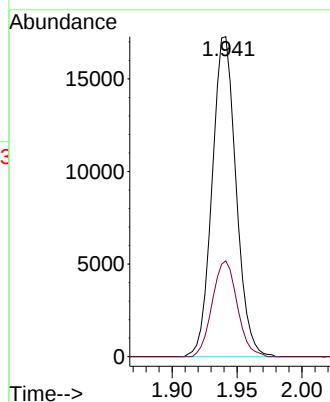
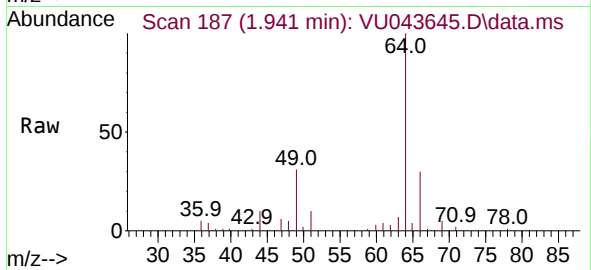




#8
Chloroethane
Concen: 5.01 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

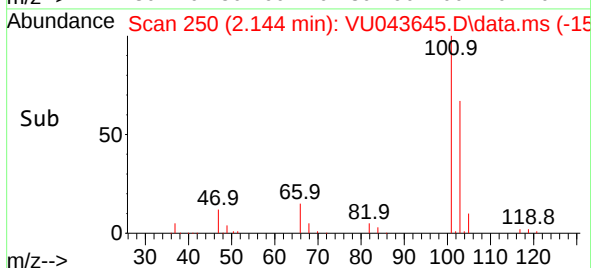
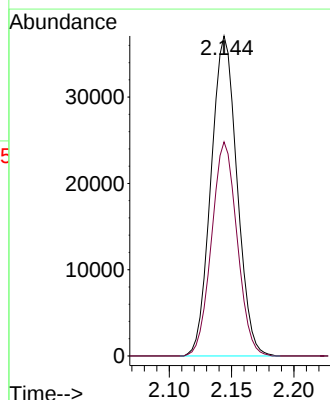
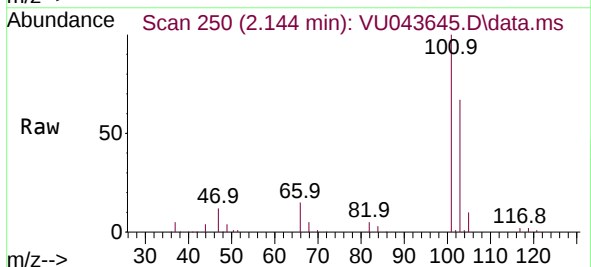
Instrument :
MSVOA_U
ClientSampleId :

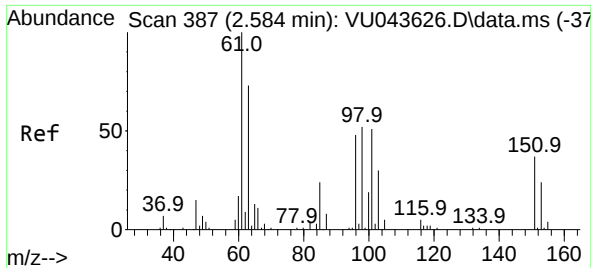
Tgt Ion: 64 Resp: 22109
Ion Ratio Lower Upper
64 100
66 29.9 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.07 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion:101 Resp: 53879
Ion Ratio Lower Upper
101 100
103 65.6 52.6 78.8

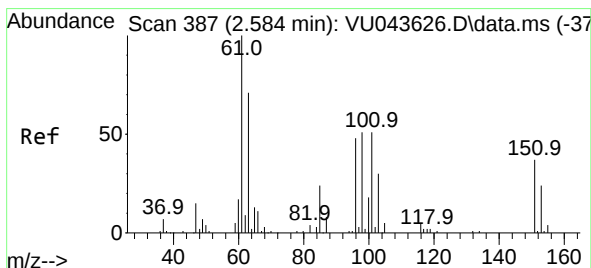
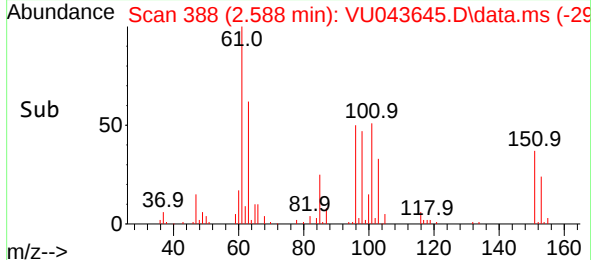
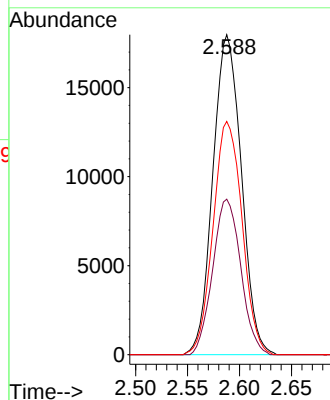
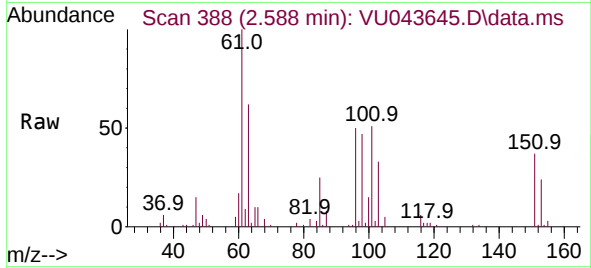




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.22 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

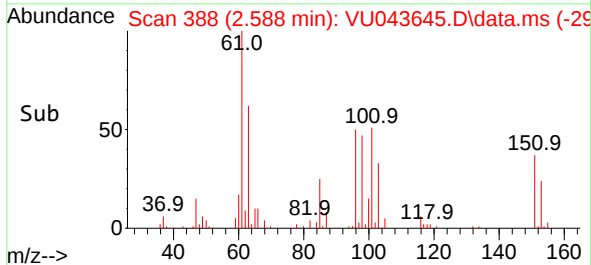
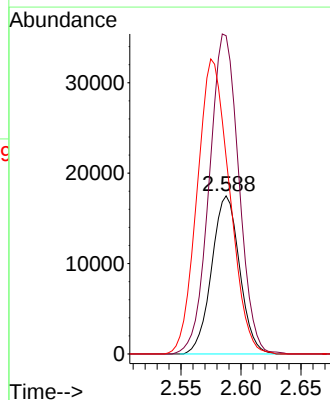
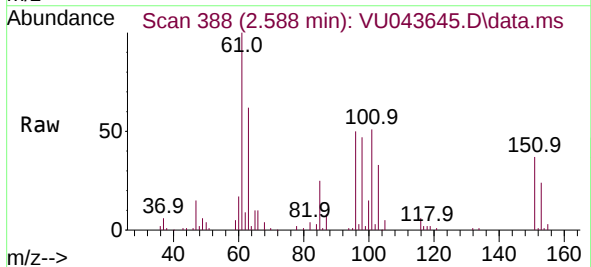
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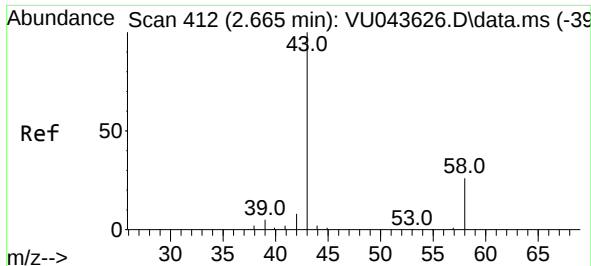
Tgt Ion:101 Resp: 34276
Ion Ratio Lower Upper
101 100
85 48.0 38.5 57.7
151 74.2 58.5 87.7



#12
1,1-Dichloroethene
Concen: 5.01 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 96 Resp: 28241
Ion Ratio Lower Upper
96 100
61 201.3 141.2 262.2
63 124.4 111.1 206.3

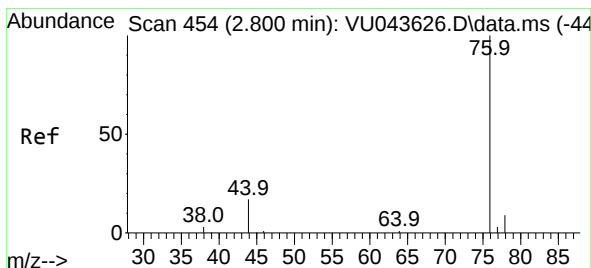
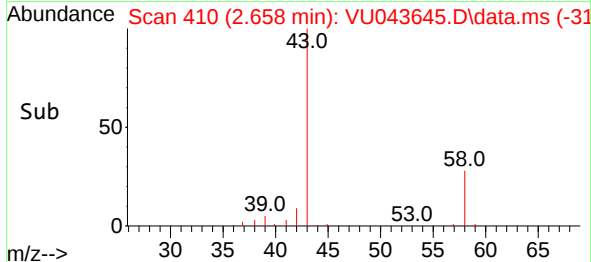
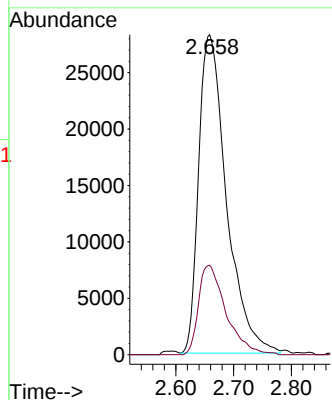
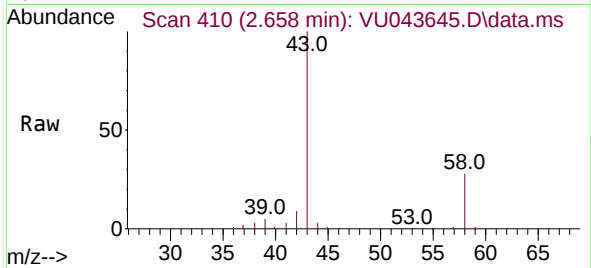




#13
Acetone
Concen: 56.29 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

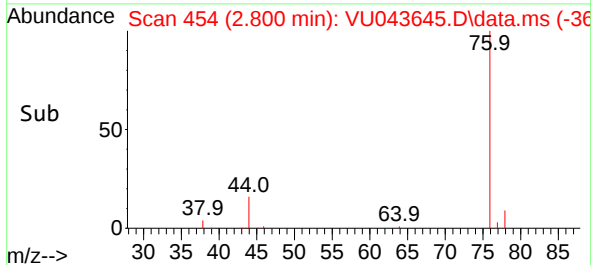
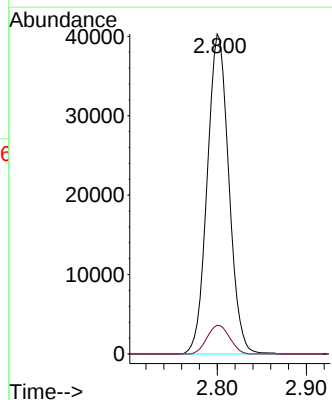
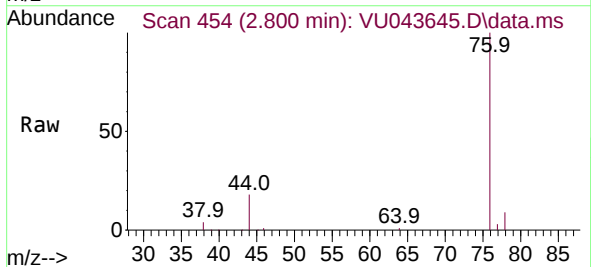
Instrument :
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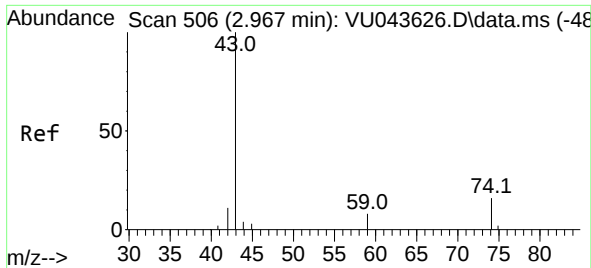
Tgt Ion: 43 Resp: 94513
Ion Ratio Lower Upper
43 100
58 27.7 0.0 50.8



#14
Carbon disulfide
Concen: 4.81 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 76 Resp: 67845
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

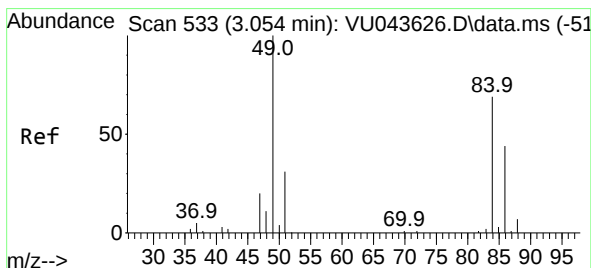
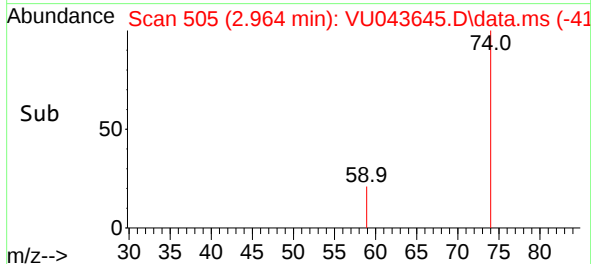
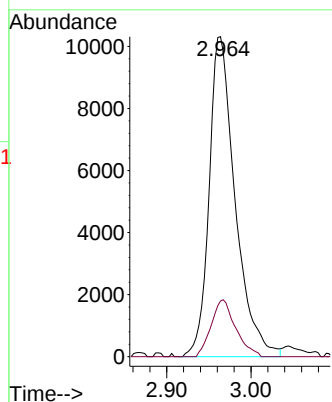
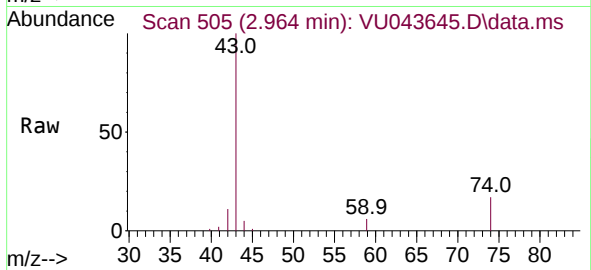




#15
Methyl Acetate
Concen: 5.79 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

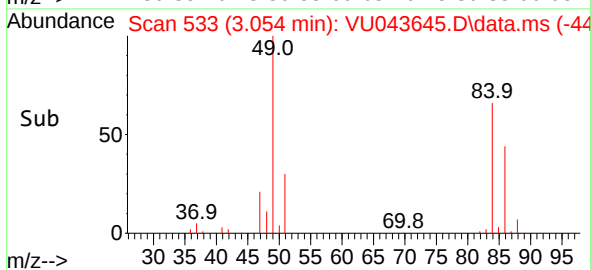
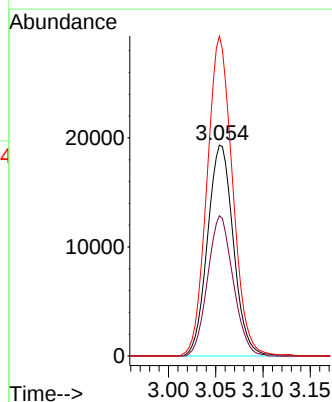
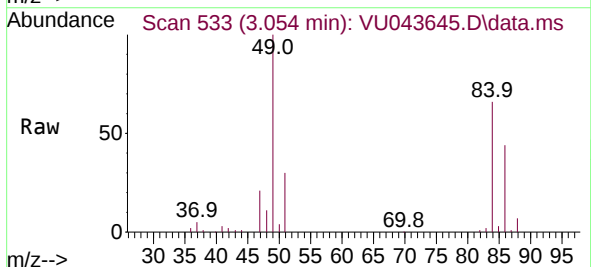
Instrument :
MSVOA_U
ClientSampled :

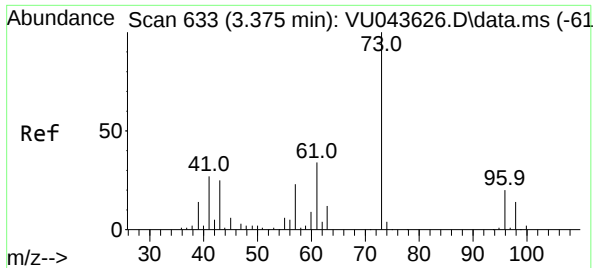
Tgt Ion: 43 Resp: 22168
Ion Ratio Lower Upper
43 100
74 16.7 15.2 22.8



#16
Methylene chloride
Concen: 4.07 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 84 Resp: 36767
Ion Ratio Lower Upper
84 100
86 66.5 45.6 84.6
49 151.7 107.0 198.8

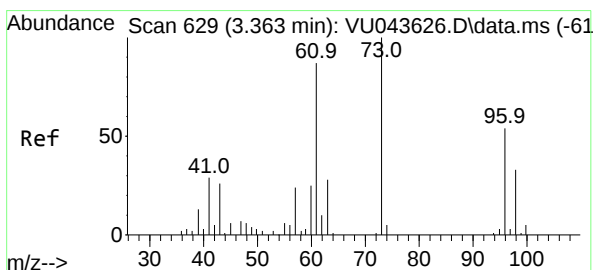
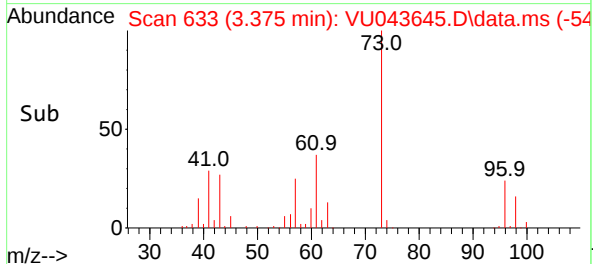
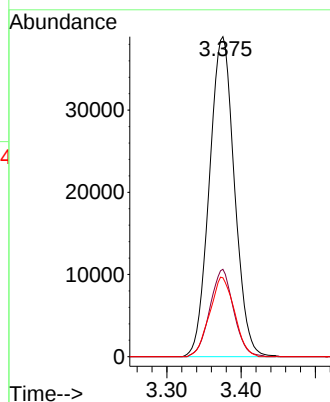
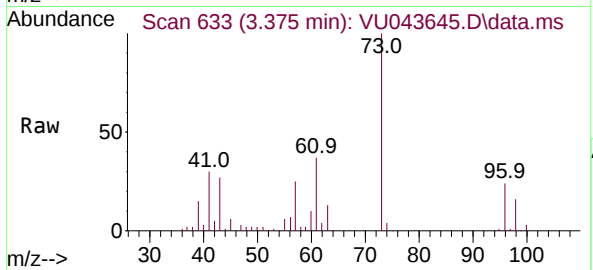




#17
Methyl tert-butyl Ether
Concen: 5.54 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

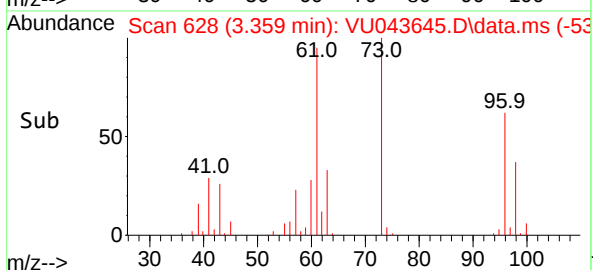
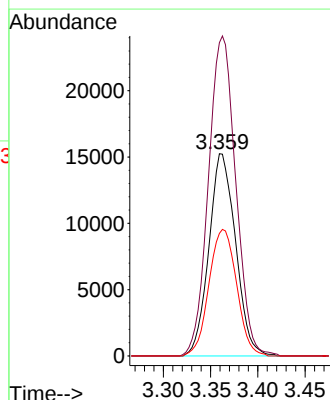
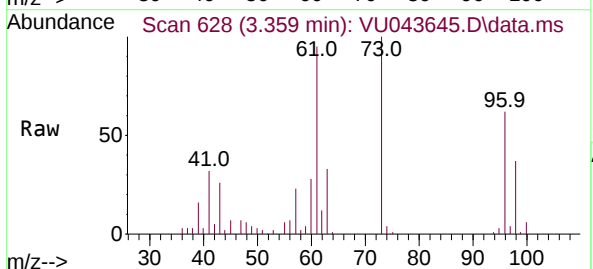
Instrument :
MSVOA_U
ClientSampleId :

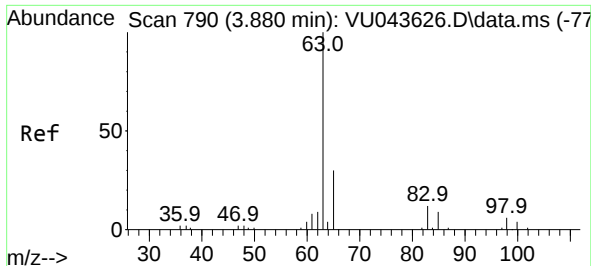
Tgt Ion: 73	Resp:	91239
Ion Ratio	Lower	Upper
73	100	
43	25.9	20.6 30.8
57	24.6	18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.10 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 96	Resp:	29972
Ion Ratio	Lower	Upper
96	100	
61	154.9	113.5 210.9
98	60.7	45.4 84.2





#19

1,1-Dichloroethane

Concen: 5.25 ug/L

RT: 3.880 min Scan# 790

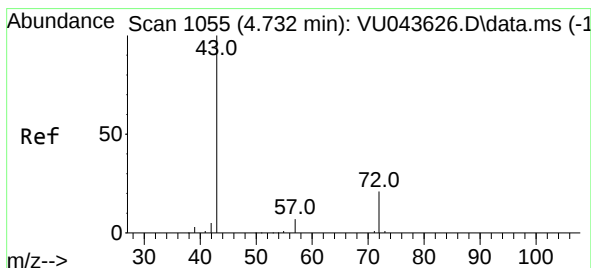
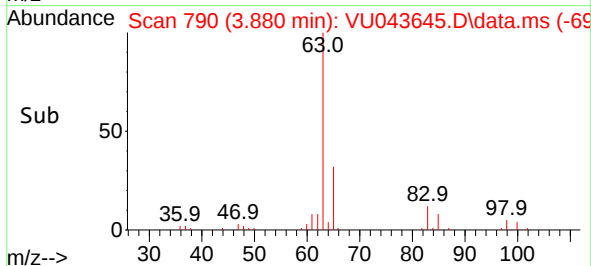
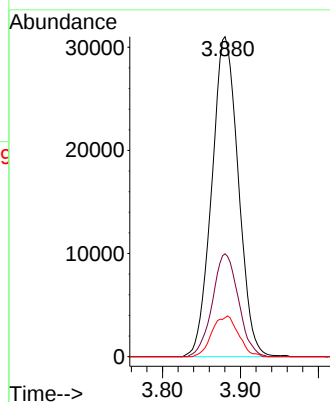
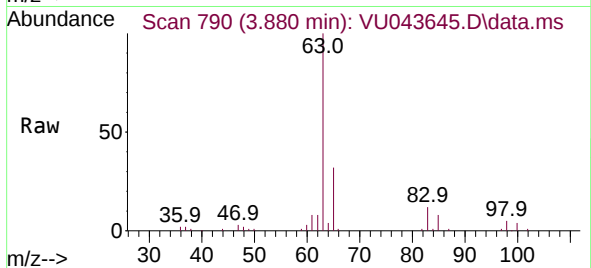
Delta R.T. 0.000 min

Lab File: VU043645.D

Acq: 10 May 2021 17:55

Tgt Ion:	63	Resp:	73363
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.1
83	12.2	9.4	17.4

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 59.82 ug/L

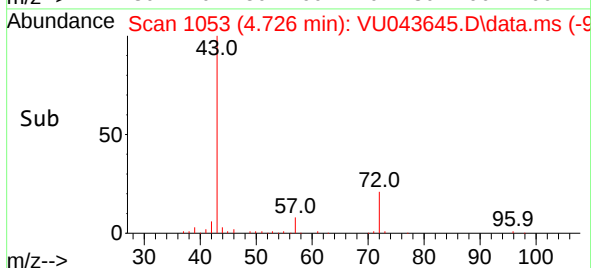
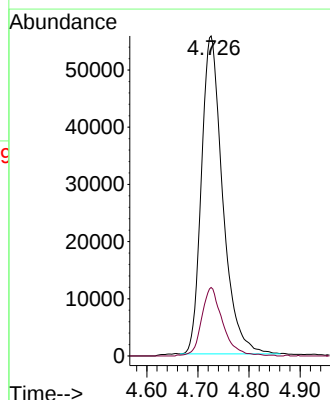
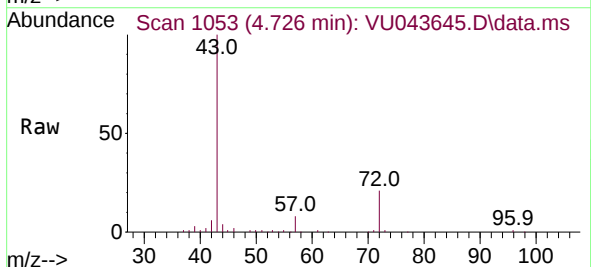
RT: 4.726 min Scan# 1053

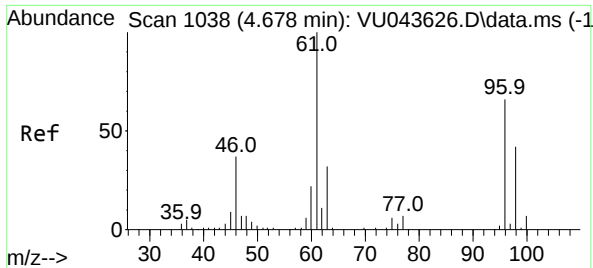
Delta R.T. -0.006 min

Lab File: VU043645.D

Acq: 10 May 2021 17:55

Tgt Ion:	43	Resp:	161050
Ion	Ratio	Lower	Upper
43	100		
72	21.1	10.8	32.4

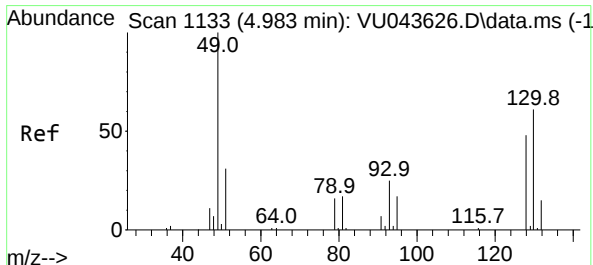
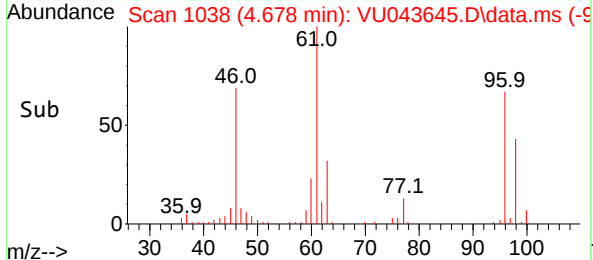
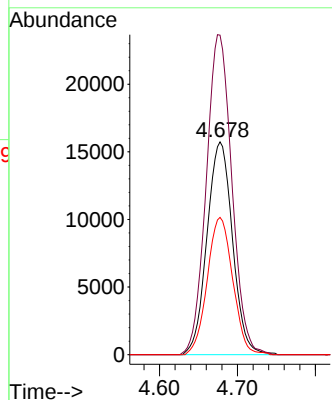
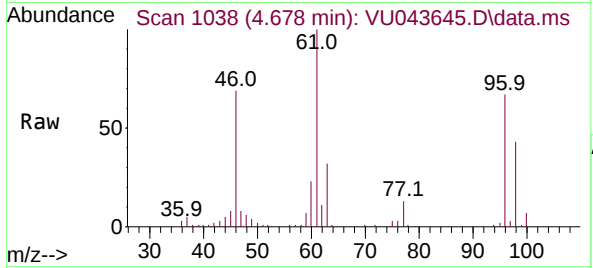




#22
 cis-1,2-Dichloroethene
 Concen: 5.19 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043645.D
 Acq: 10 May 2021 17:55

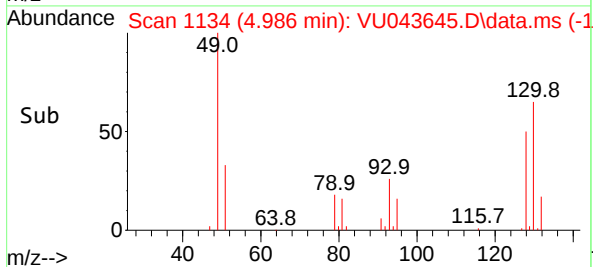
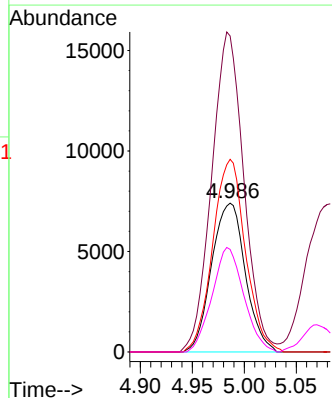
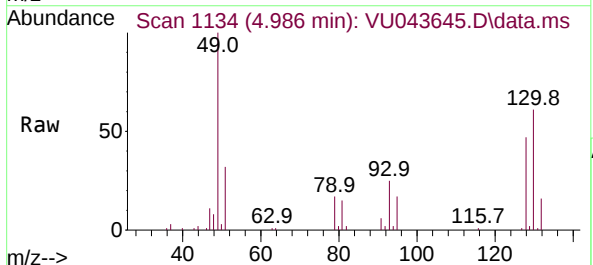
Instrument :
 MSVOA_U
 ClientSampleId :

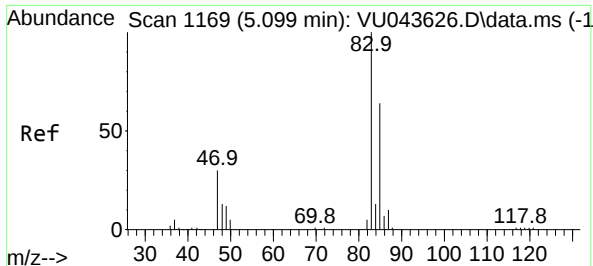
Tgt Ion: 96 Resp: 35859
 Ion Ratio Lower Upper
 96 100
 61 150.2 102.8 190.8
 98 64.5 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.44 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU043645.D
 Acq: 10 May 2021 17:55

Tgt Ion:128 Resp: 16721
 Ion Ratio Lower Upper
 128 100
 49 212.5 134.2 249.2
 130 129.5 87.2 162.0
 51 69.0 49.4 74.0





#25

Chloroform

Concen: 4.96 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043645.D

Acq: 10 May 2021 17:55

Tgt Ion: 83 Resp: 73863

Ion Ratio Lower Upper

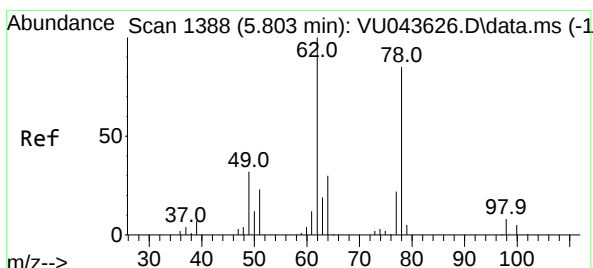
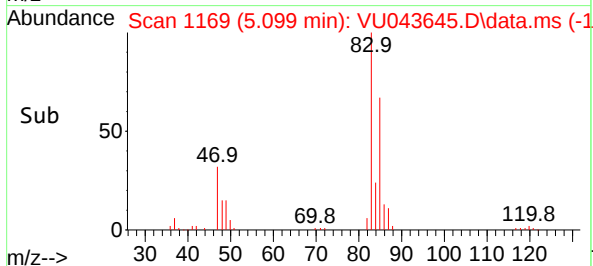
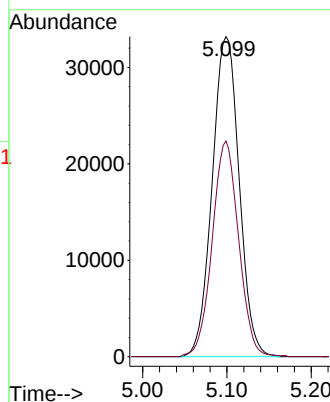
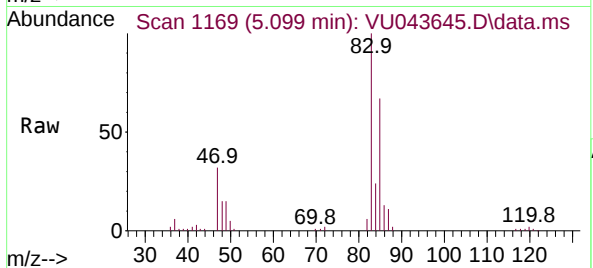
83 100

85 67.4 45.1 83.9

Instrument :

MSVOA_U

ClientSampleId :



#27

1,2-Dichloroethane

Concen: 5.22 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU043645.D

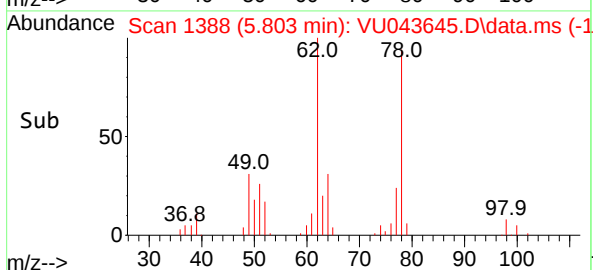
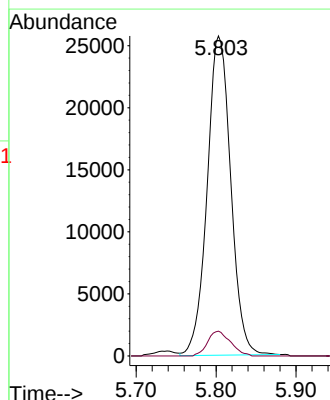
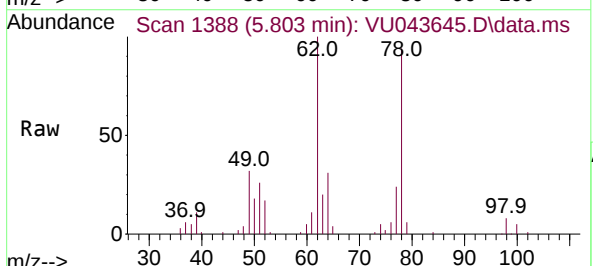
Acq: 10 May 2021 17:55

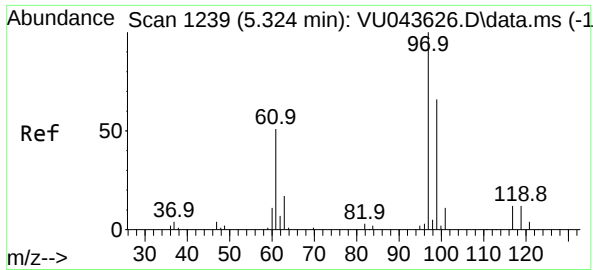
Tgt Ion: 62 Resp: 52772

Ion Ratio Lower Upper

62 100

98 7.7 6.1 9.1





#29

1,1,1-Trichloroethane

Concen: 5.30 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.003 min

Lab File: VU043645.D

Acq: 10 May 2021 17:55

Tgt Ion: 97 Resp: 60438

Ion Ratio Lower Upper

97 100

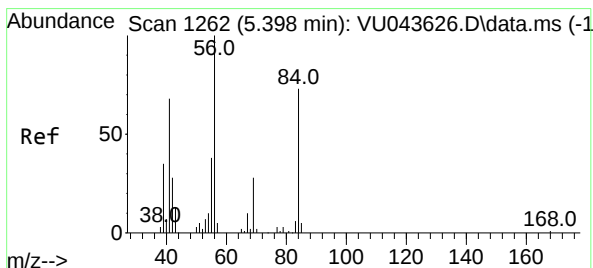
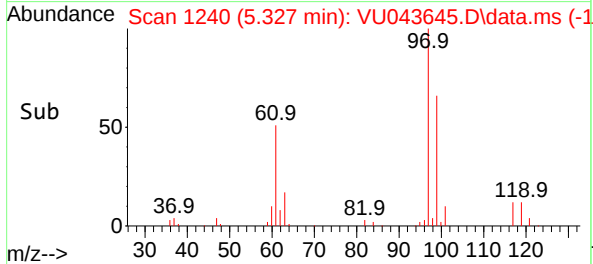
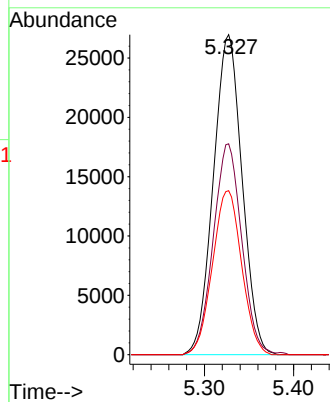
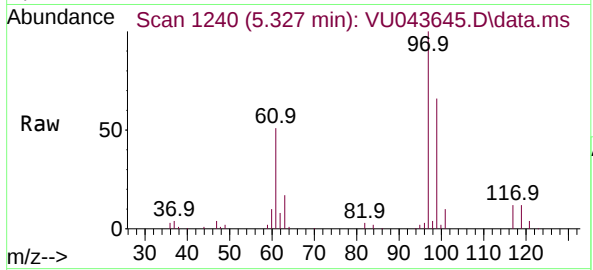
99 65.3 51.8 77.6

61 51.9 39.8 59.8

Instrument :

MSVOA_U

ClientSampled :



#30

Cyclohexane

Concen: 5.68 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.000 min

Lab File: VU043645.D

Acq: 10 May 2021 17:55

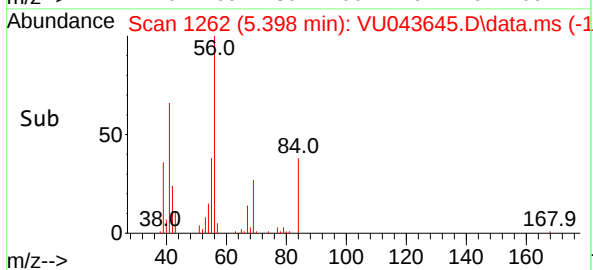
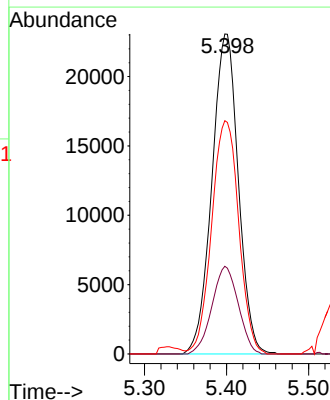
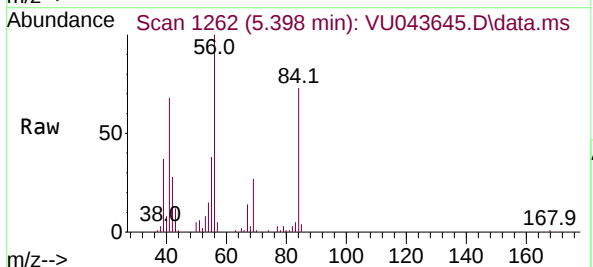
Tgt Ion: 56 Resp: 51693

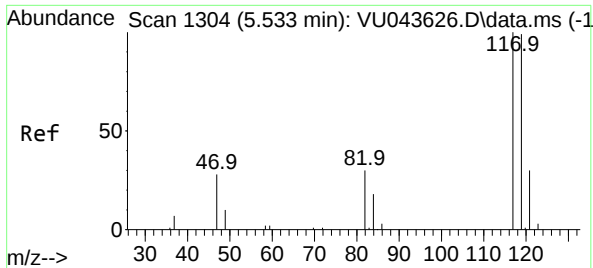
Ion Ratio Lower Upper

56 100

69 27.2 23.0 34.4

84 74.7 60.3 90.5

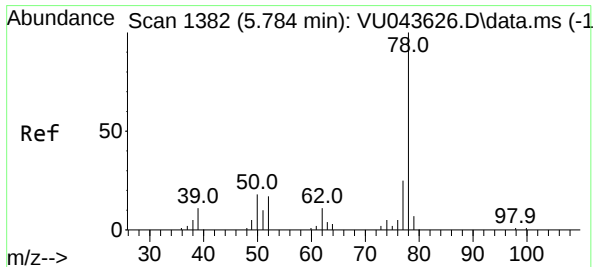
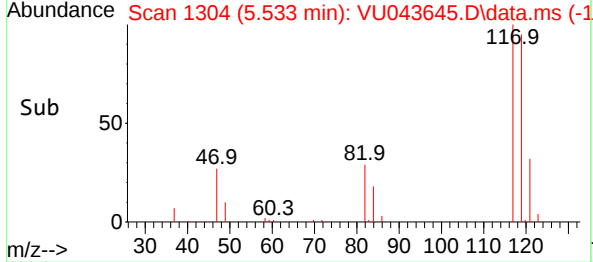
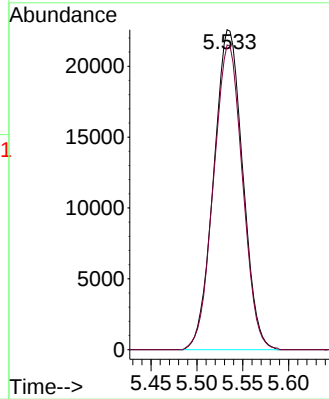
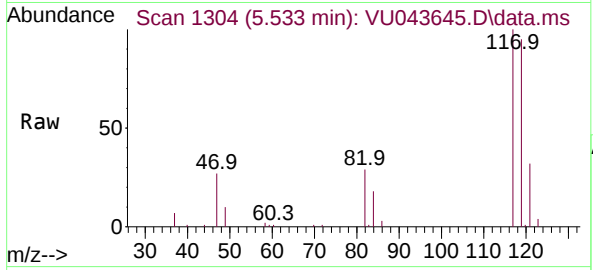




#31
Carbon tetrachloride
Concen: 5.31 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

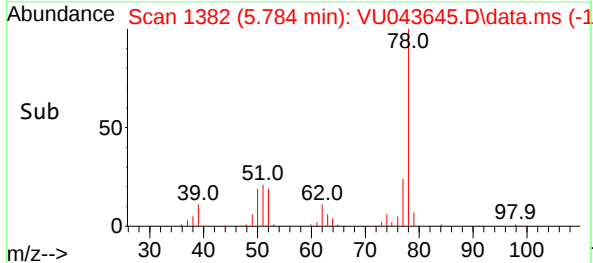
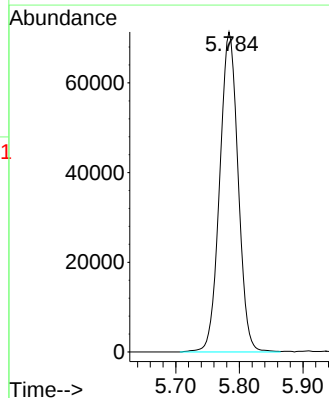
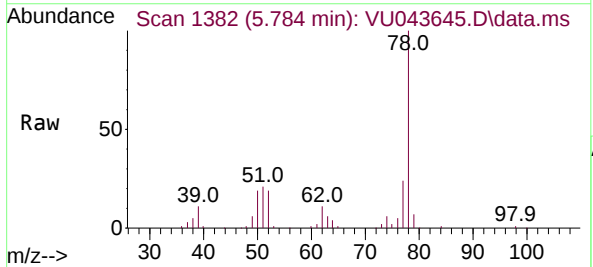
Instrument :
MSVOA_U
ClientSampleId :

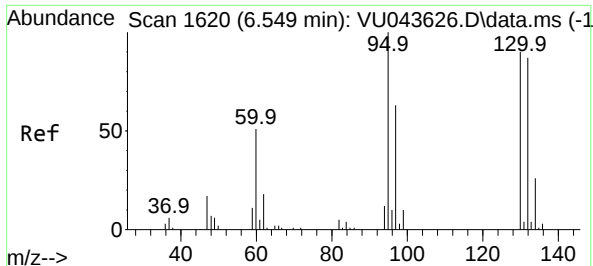
Tgt Ion:117 Resp: 49702
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6



#33
Benzene
Concen: 5.61 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 78 Resp: 143398



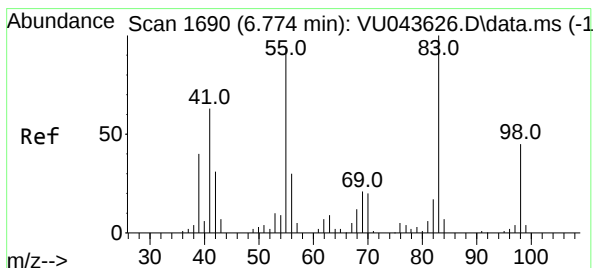
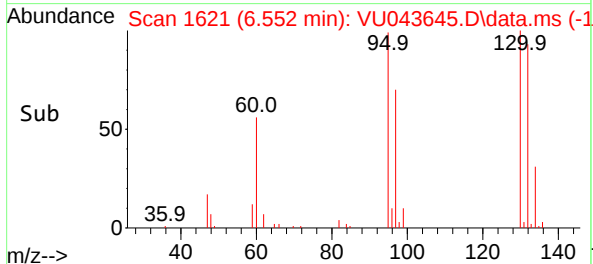
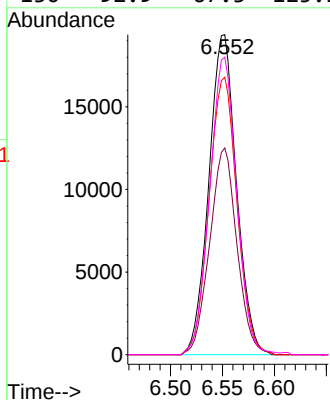
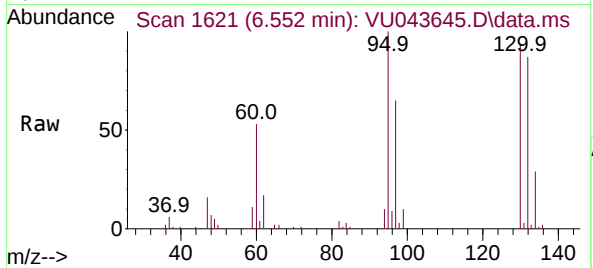


#34
Trichloroethene
Concen: 5.49 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 35834

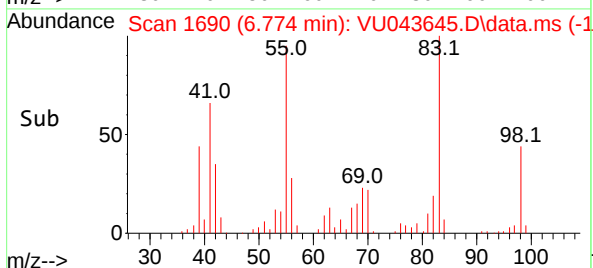
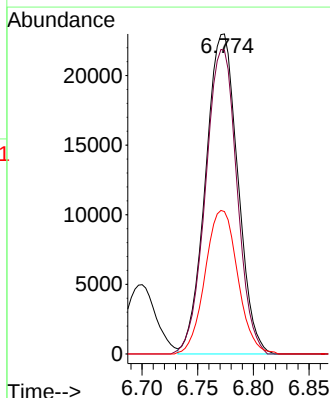
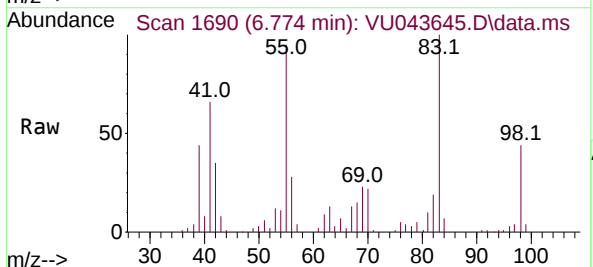
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	86.7	64.1	119.1
130	92.9	67.3	125.1

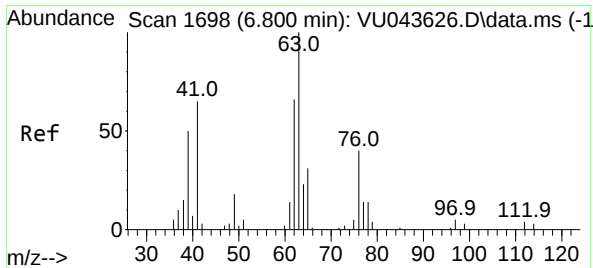


#35
Methylcyclohexane
Concen: 5.48 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 83 Resp: 46247

Ion	Ratio	Lower	Upper
83	100		
55	92.8	75.8	113.8
98	45.4	35.5	53.3

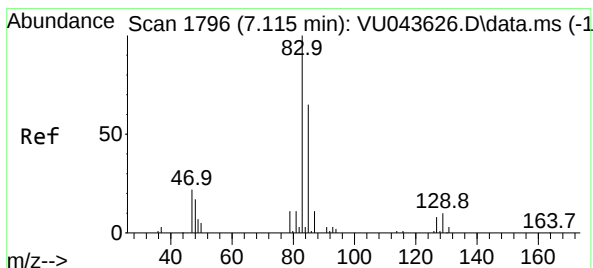
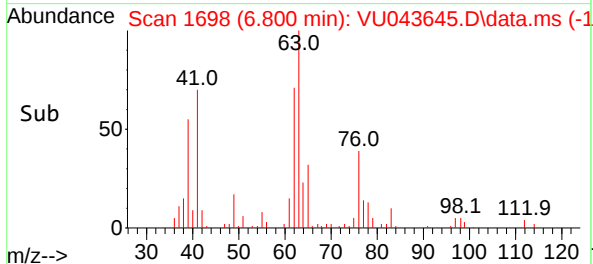
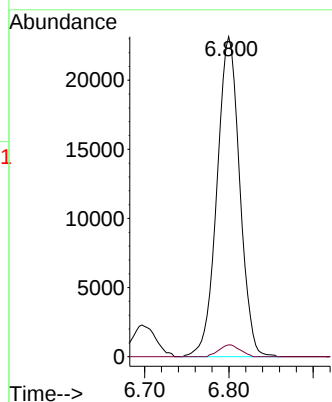
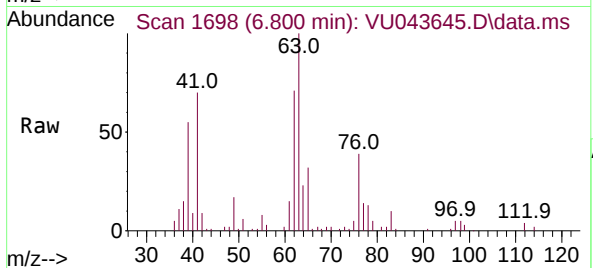




#37
1,2-Dichloropropane
Concen: 5.68 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

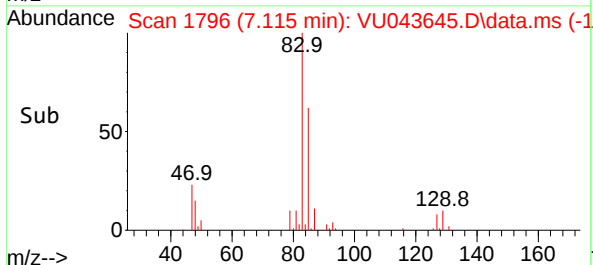
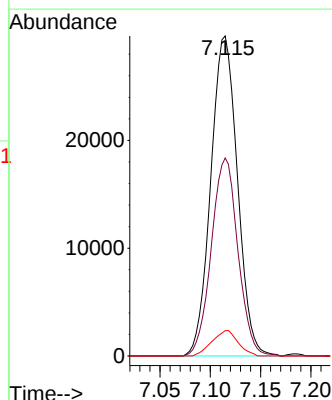
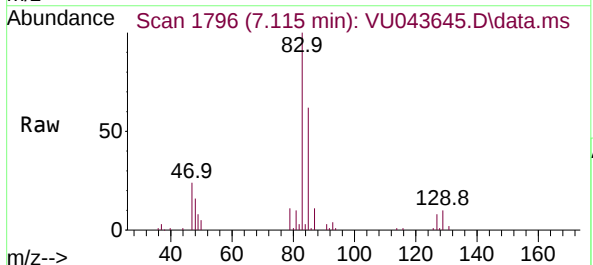
Instrument :
MSVOA_U
ClientSampleId :

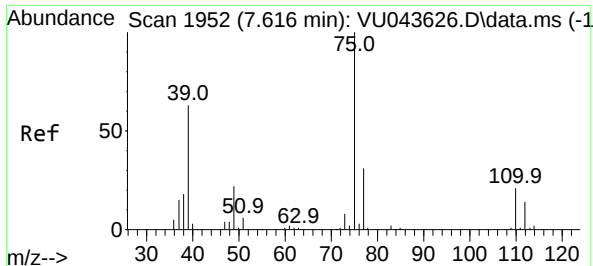
Tgt Ion: 63 Resp: 43347
Ion Ratio Lower Upper
63 100
112 3.4 2.6 3.8



#38
Bromodichloromethane
Concen: 5.54 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 83 Resp: 54791
Ion Ratio Lower Upper
83 100
85 61.8 43.3 80.5
127 7.9 6.2 9.4



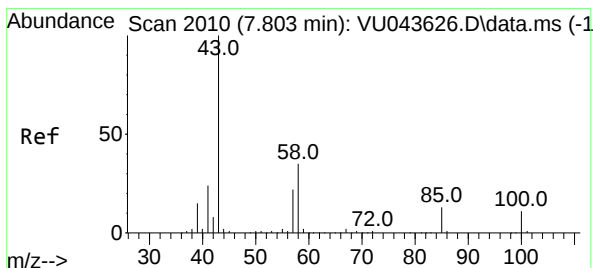
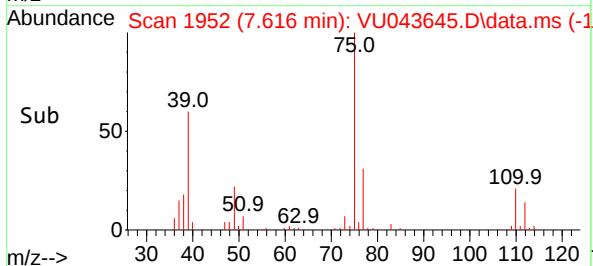
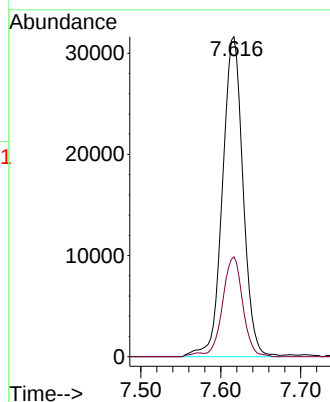
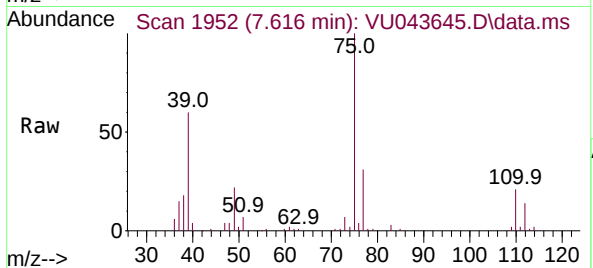


#39

cis-1,3-Dichloropropene
Concen: 5.58 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Instrument :
MSVOA_U
ClientSampled :

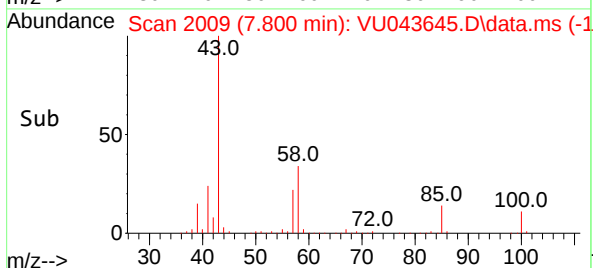
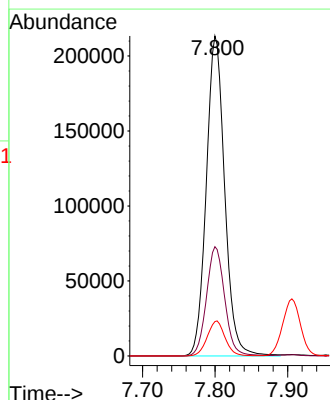
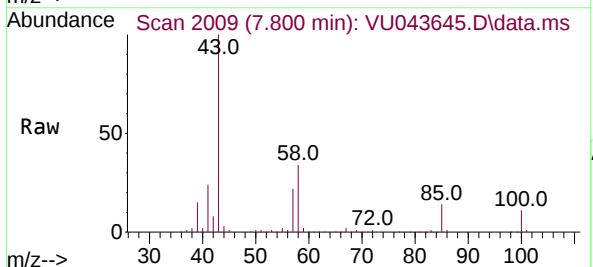
Tgt Ion: 75 Resp: 56438
Ion Ratio Lower Upper
75 100
77 31.2 21.9 40.7

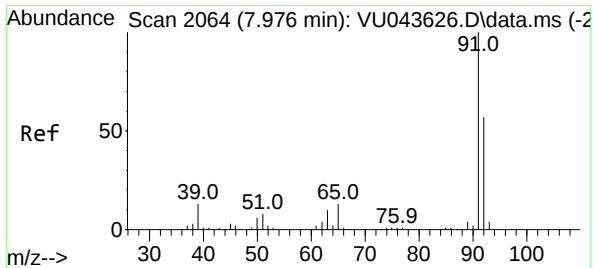


#40

4-Methyl-2-pentanone
Concen: 60.17 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 43 Resp: 375775
Ion Ratio Lower Upper
43 100
58 33.9 26.9 40.3
100 10.6 8.6 13.0

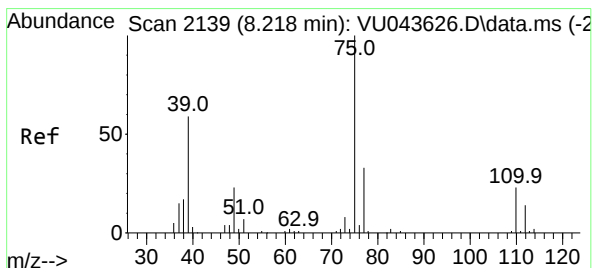
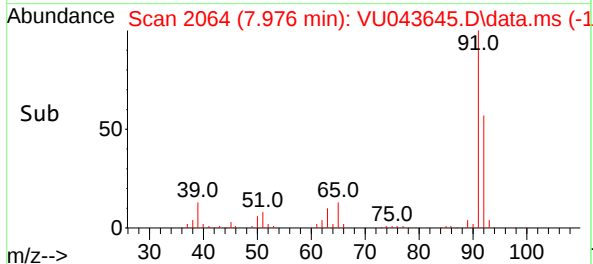
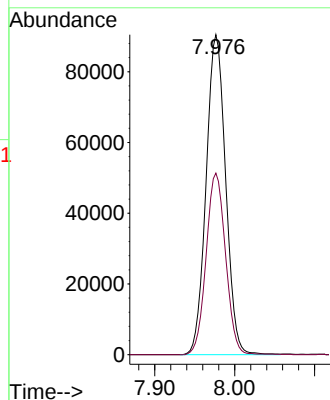
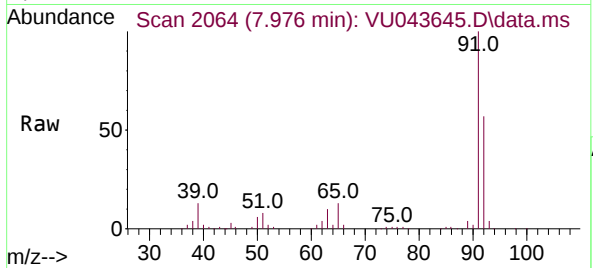




#42
Toluene
Concen: 5.75 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

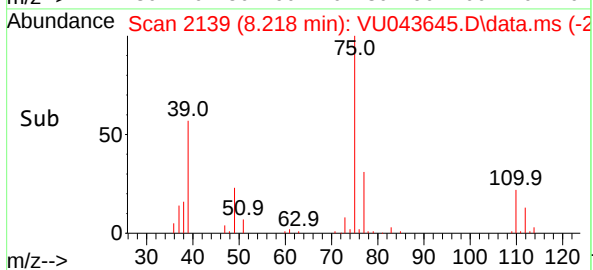
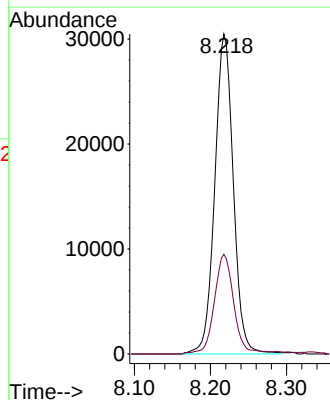
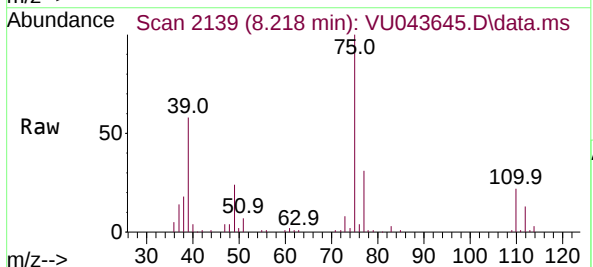
Instrument :
MSVOA_U
ClientSampled :

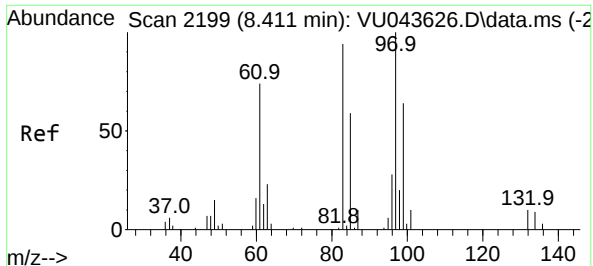
Tgt Ion: 91 Resp: 153714
Ion Ratio Lower Upper
91 100
92 56.8 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.60 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 75 Resp: 51630
Ion Ratio Lower Upper
75 100
77 31.1 23.3 43.3



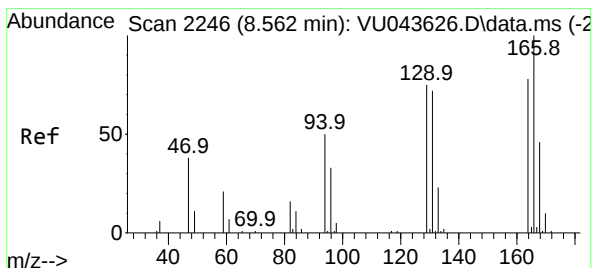
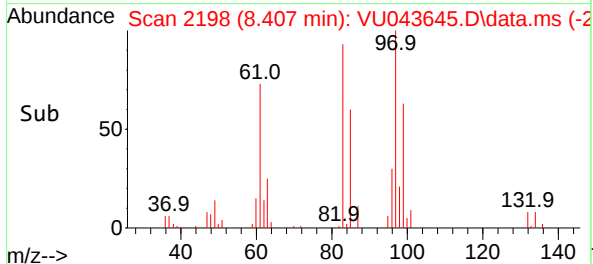
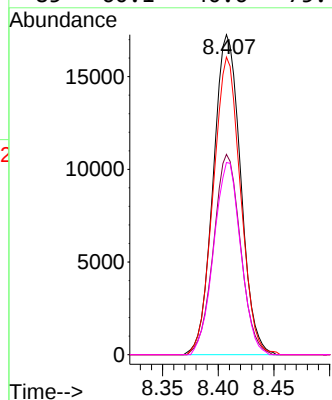
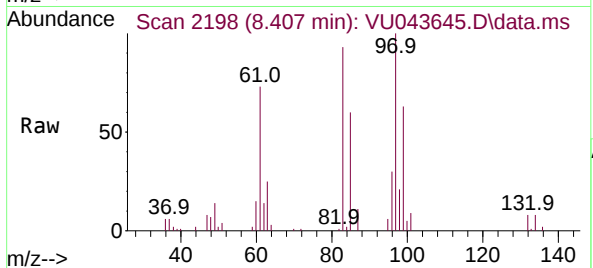


#45

1,1,2-Trichloroethane
 Concen: 5.61 ug/L
 RT: 8.407 min Scan# 2198
 Delta R.T. -0.003 min
 Lab File: VU043645.D
 Acq: 10 May 2021 17:55

Instrument :
 MSVOA_U
 ClientSampleId :

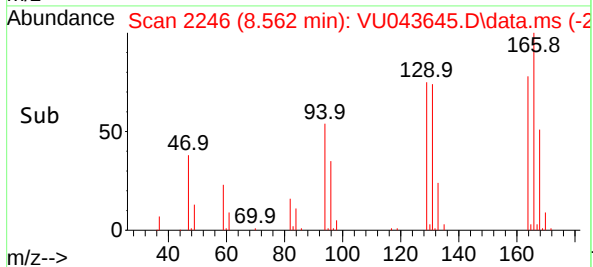
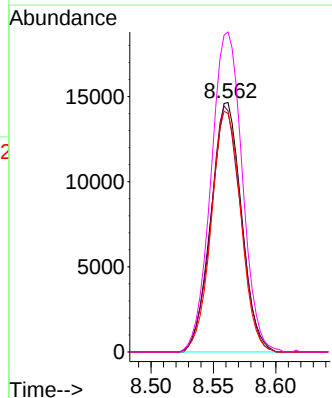
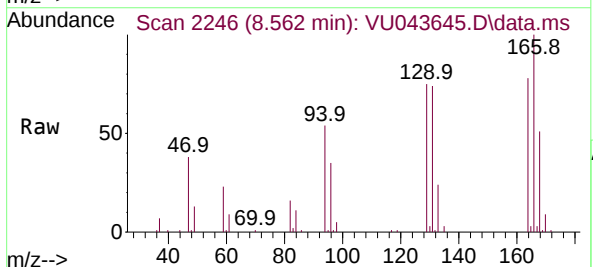
Tgt Ion:	97	Resp:	29567
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.6	79.0
83	93.0	64.1	119.1
85	60.1	40.6	75.4

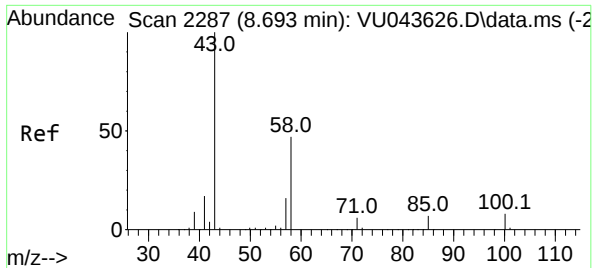


#47

Tetrachloroethene
 Concen: 5.18 ug/L
 RT: 8.562 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: VU043645.D
 Acq: 10 May 2021 17:55

Tgt Ion:	164	Resp:	24888
Ion	Ratio	Lower	Upper
164	100		
129	96.6	62.5	116.1
131	95.5	64.9	120.5
166	128.2	89.0	165.2



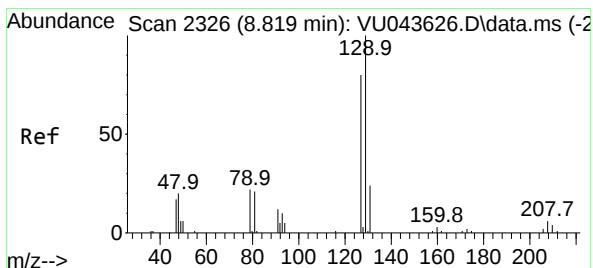
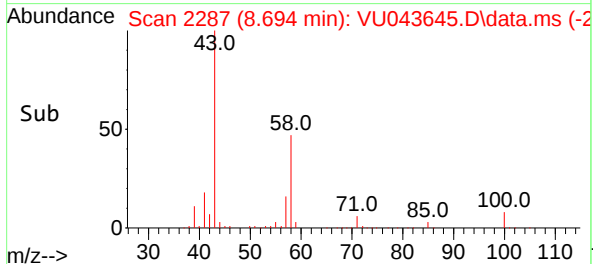
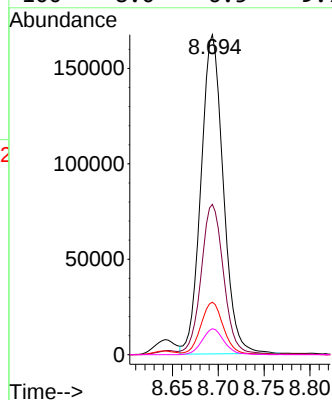
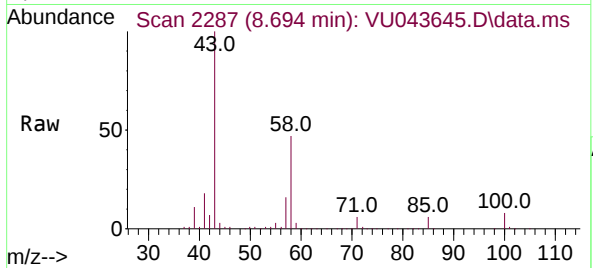


#48
2-Hexanone
Concen: 61.03 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 282753

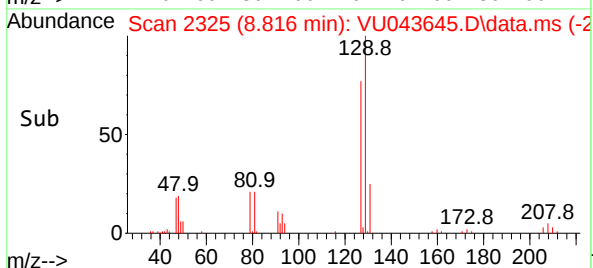
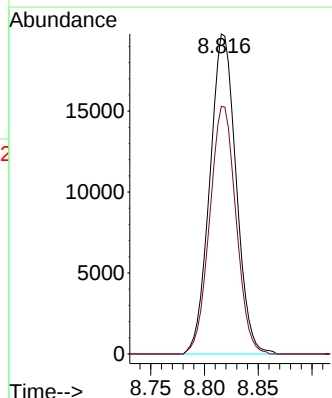
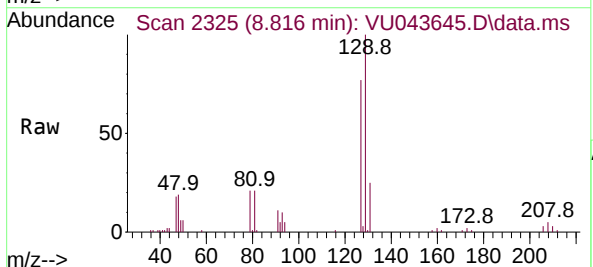
Ion	Ratio	Lower	Upper
43	100		
58	47.6	36.8	55.2
57	16.7	13.2	19.8
100	8.0	6.5	9.7

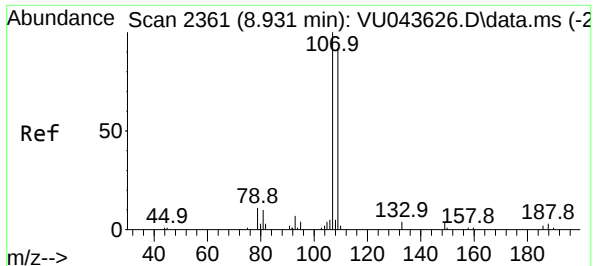


#49
Dibromochloromethane
Concen: 5.27 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 129 Resp: 33612

Ion	Ratio	Lower	Upper
129	100		
127	77.4	52.4	97.4





#50

1,2-Dibromoethane

Concen: 5.50 ug/L

RT: 8.931 min Scan# 2361

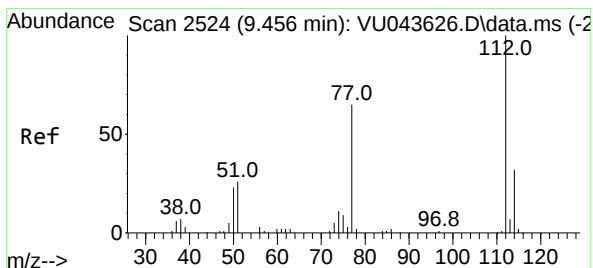
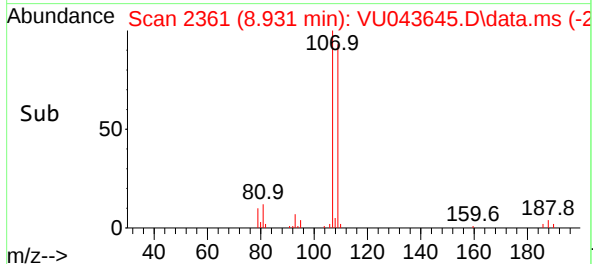
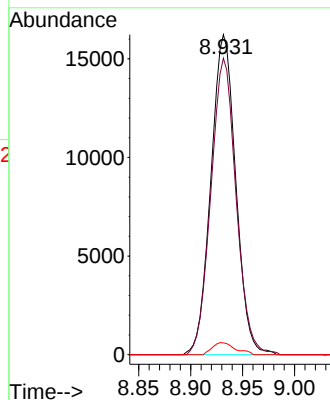
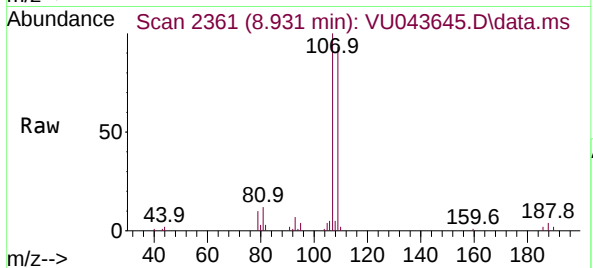
Delta R.T. 0.000 min

Lab File: VU043645.D

Acq: 10 May 2021 17:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	26991
Ion	Ratio	Lower	Upper
107	100		
109	92.6	67.6	125.6
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 5.48 ug/L

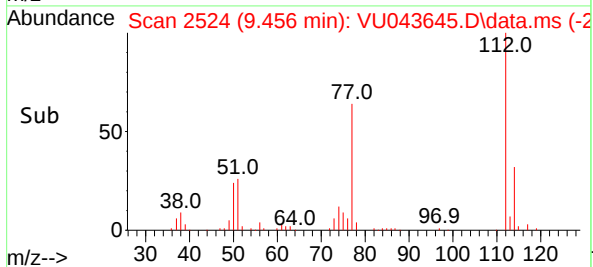
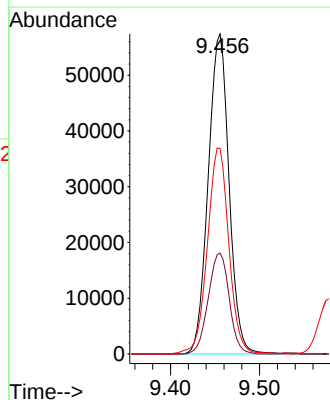
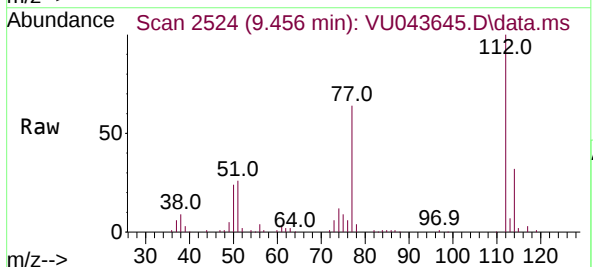
RT: 9.456 min Scan# 2524

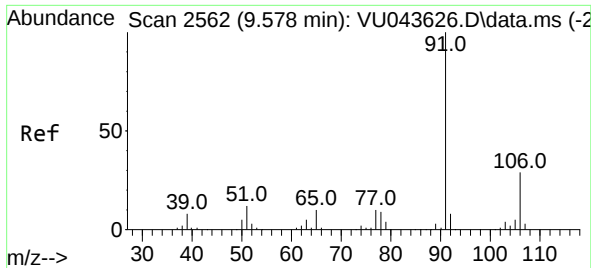
Delta R.T. 0.000 min

Lab File: VU043645.D

Acq: 10 May 2021 17:55

Tgt Ion:	112	Resp:	93051
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.0	41.0
77	64.2	51.0	76.4

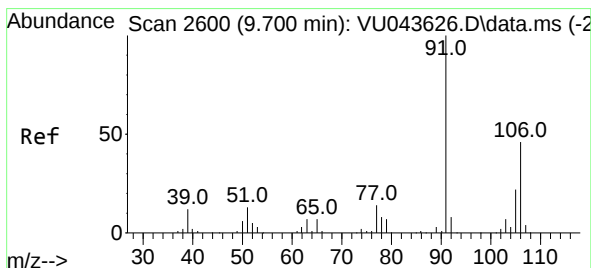
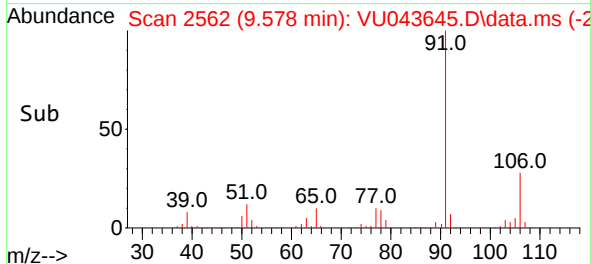
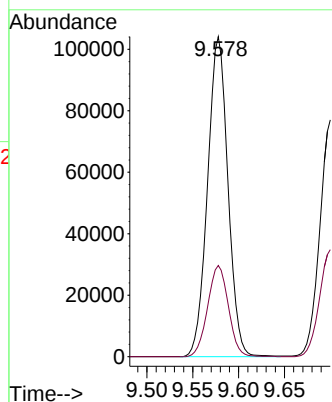
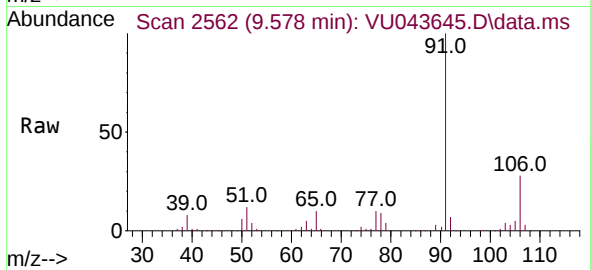




#52
Ethylbenzene
Concen: 5.67 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

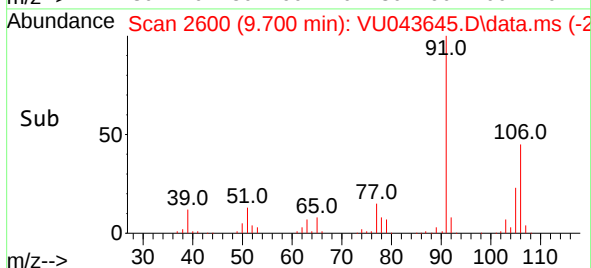
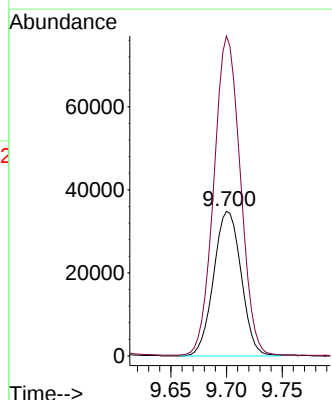
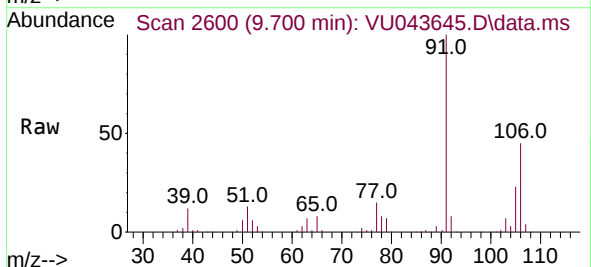
Instrument :
MSVOA_U
ClientSampleId :

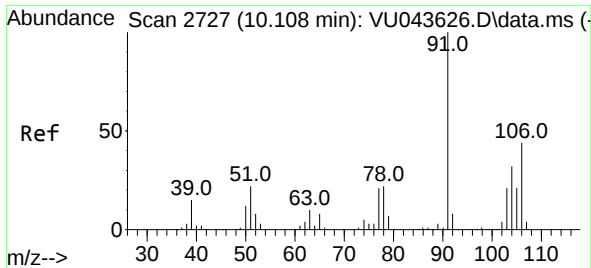
Tgt Ion: 91 Resp: 160812
Ion Ratio Lower Upper
91 100
106 28.5 20.5 38.1



#53
m,p-Xylene
Concen: 5.82 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 106 Resp: 59951
Ion Ratio Lower Upper
106 100
91 221.2 150.3 279.1

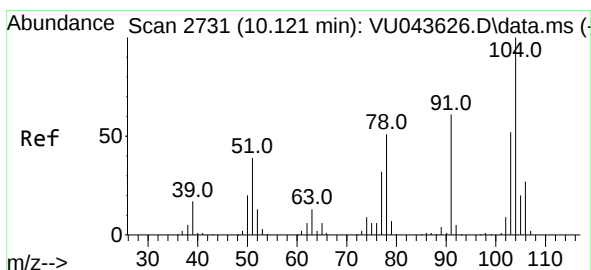
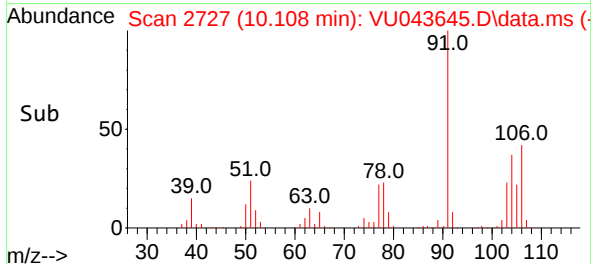
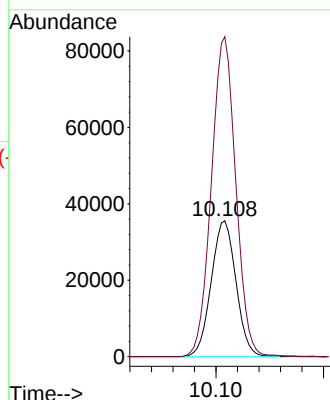
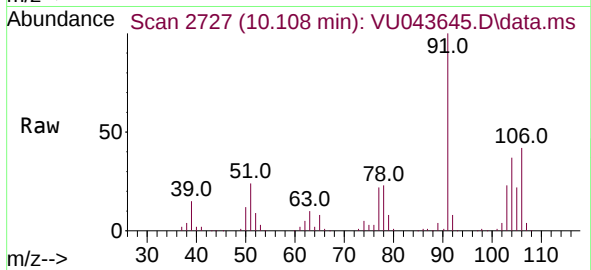




#54
o-Xylene
Concen: 5.69 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

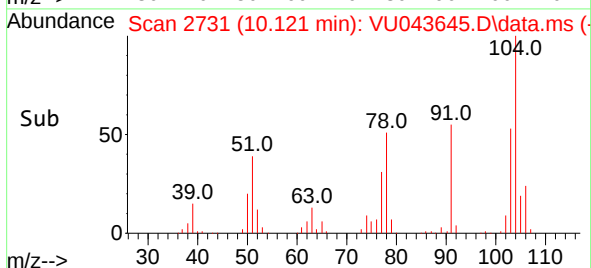
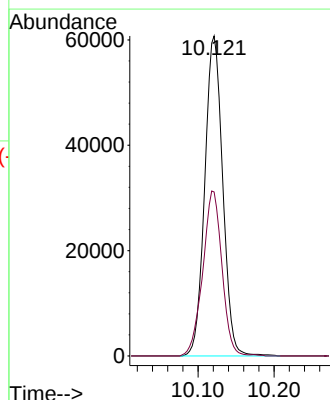
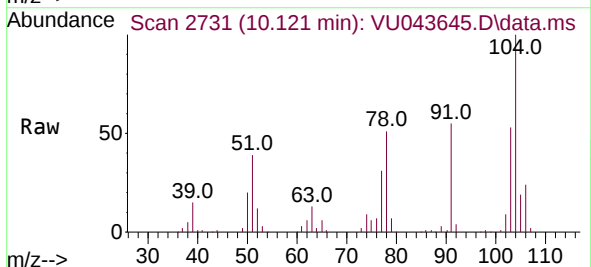
Instrument :
MSVOA_U
ClientSampleId :

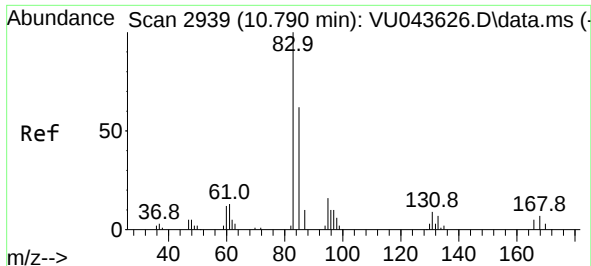
Tgt Ion:106 Resp: 56963
Ion Ratio Lower Upper
106 100
91 235.6 157.3 292.1



#55
Styrene
Concen: 5.69 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion:104 Resp: 99719
Ion Ratio Lower Upper
104 100
78 51.2 35.3 65.5

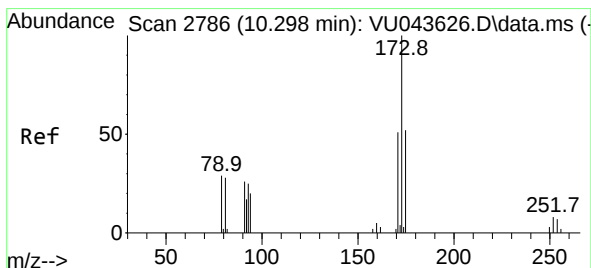
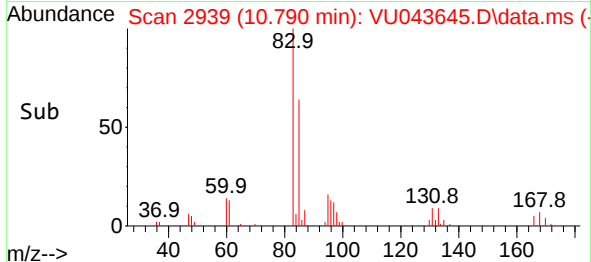
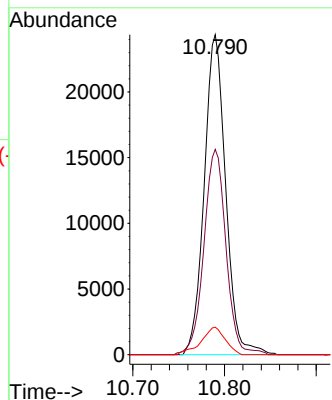
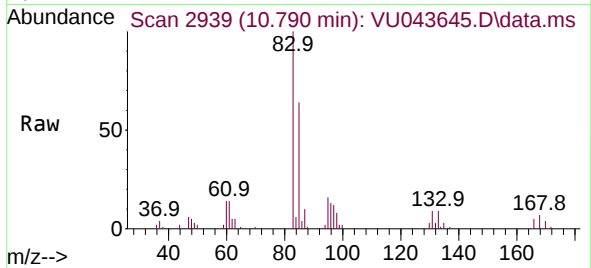




#57
1,1,2,2-Tetrachloroethane
Concen: 5.57 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

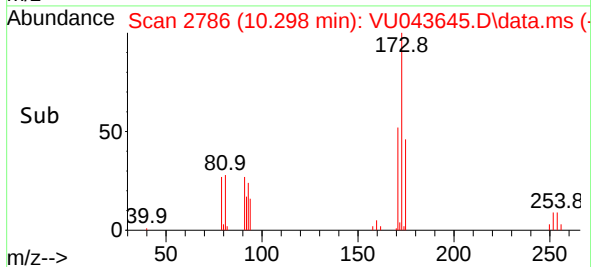
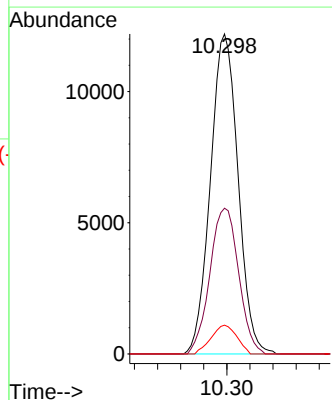
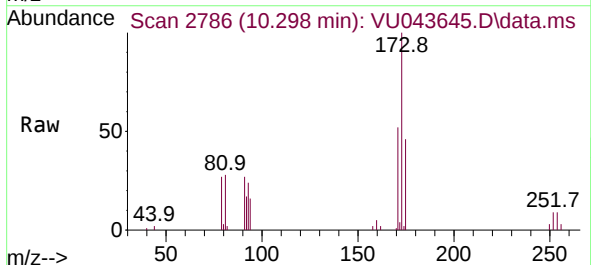
Instrument :
MSVOA_U
ClientSampleId :

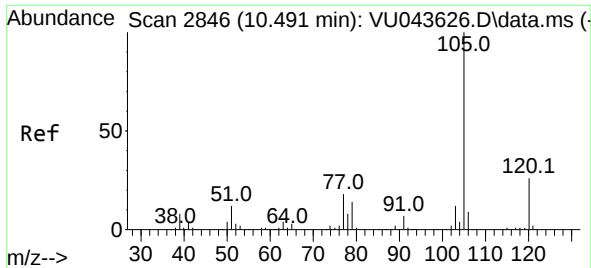
Tgt Ion:	83	Resp:	39590
Ion	Ratio	Lower	Upper
83	100		
85	64.2	42.6	79.0
131	8.6	7.4	11.2



#59
Bromoform
Concen: 5.62 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion:	173	Resp:	20260
Ion	Ratio	Lower	Upper
173	100		
175	47.4	39.4	59.0
254	8.3	5.9	8.9

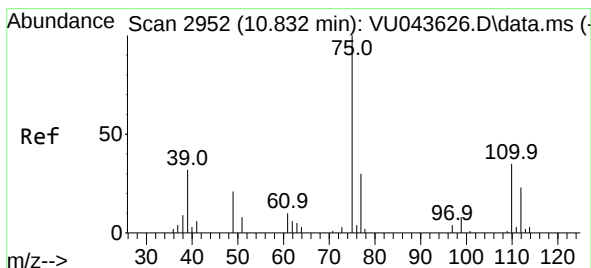
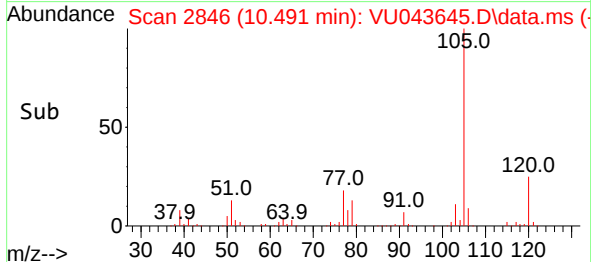
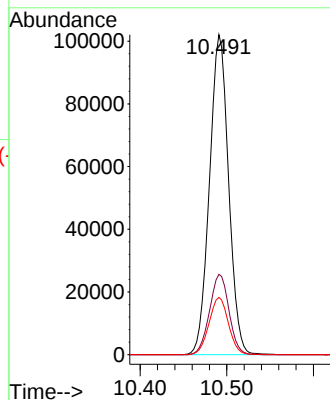
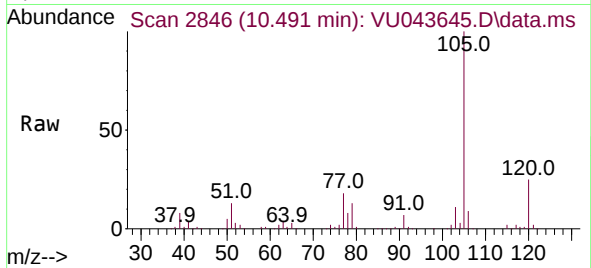




#60
Isopropylbenzene
Concen: 5.80 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

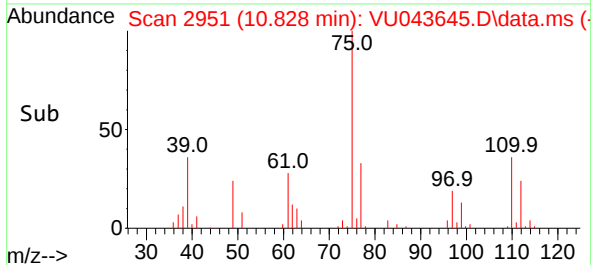
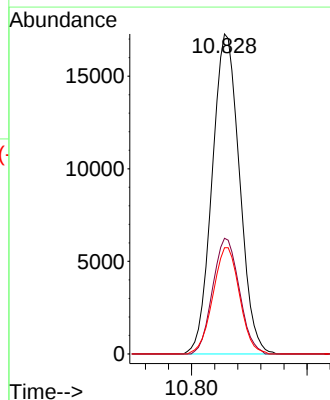
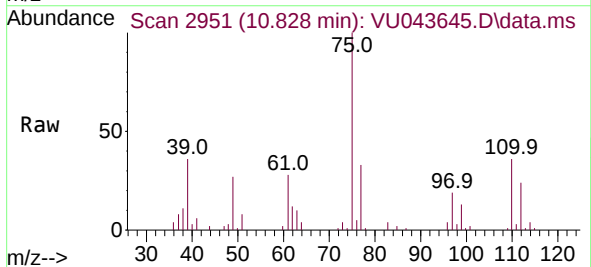
Instrument :
MSVOA_U
ClientSampled :

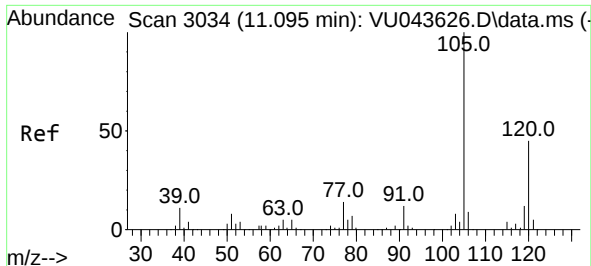
Tgt Ion:105 Resp: 156478
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 18.1 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 5.67 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 75 Resp: 28413
Ion Ratio Lower Upper
75 100
110 35.1 28.6 42.8
77 32.4 25.7 38.5

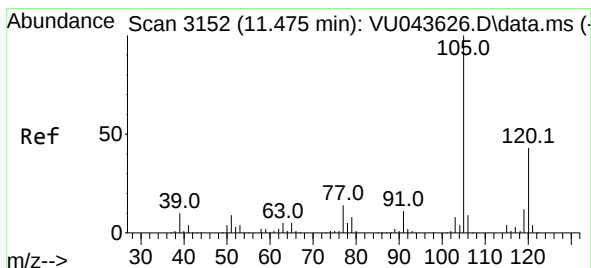
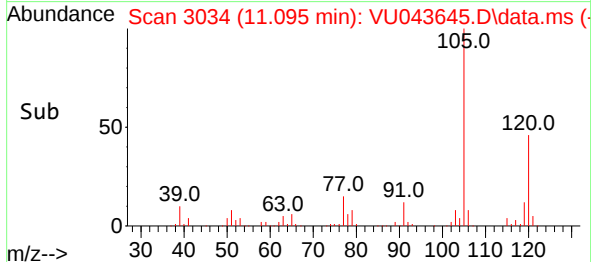
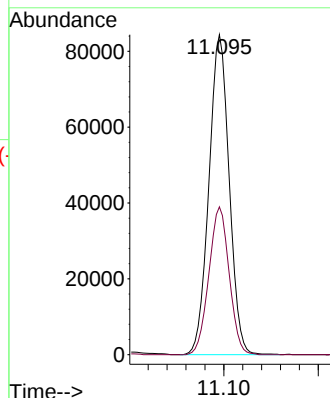
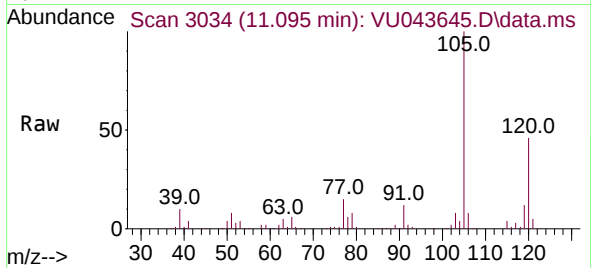




#62
1,3,5-Trimethylbenzene
Concen: 5.92 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

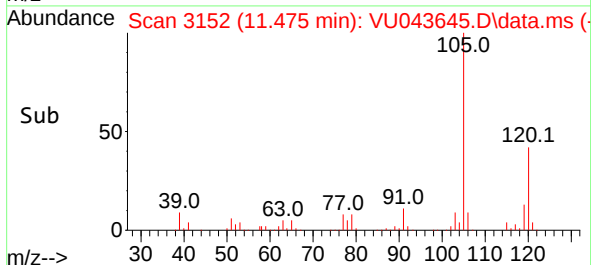
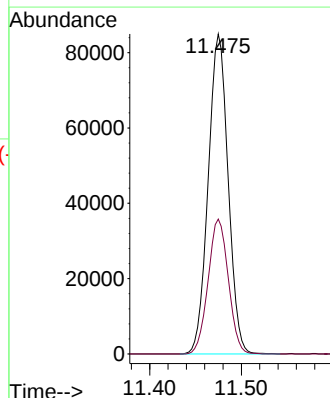
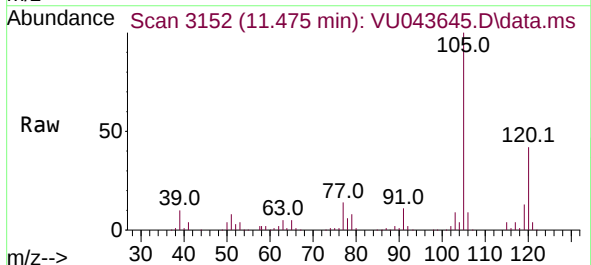
Instrument :
MSVOA_U
ClientSampleId :

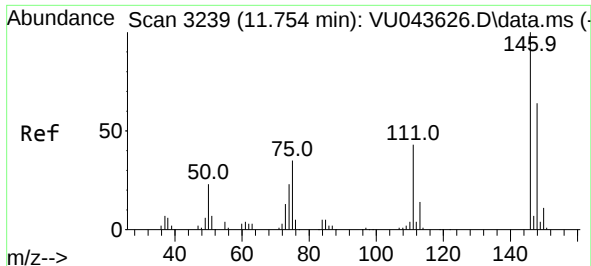
Tgt Ion:105 Resp: 125457
Ion Ratio Lower Upper
105 100
120 46.3 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 6.03 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion:105 Resp: 128106
Ion Ratio Lower Upper
105 100
120 42.8 35.4 53.0

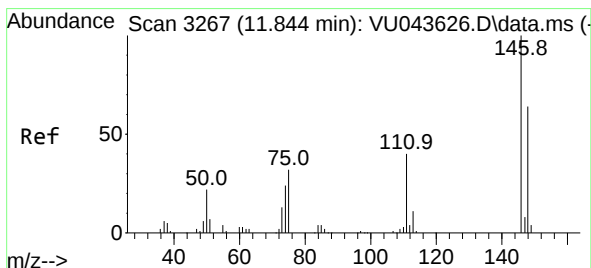
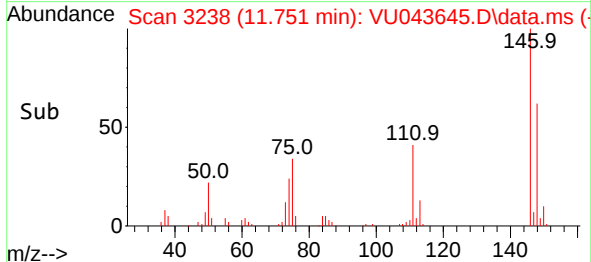
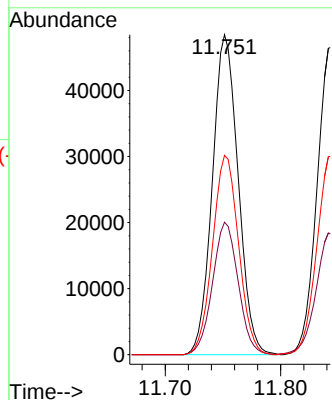
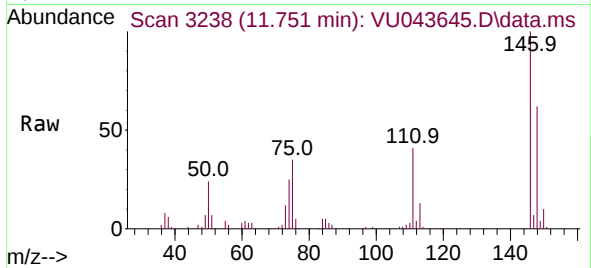




#64
1,3-Dichlorobenzene
Concen: 5.61 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

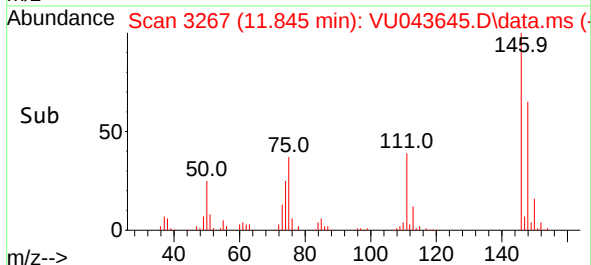
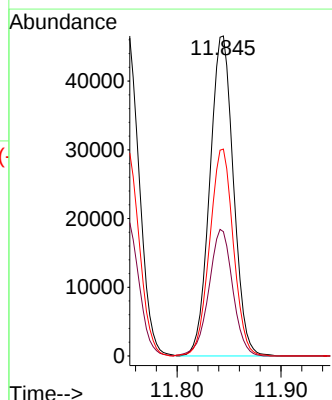
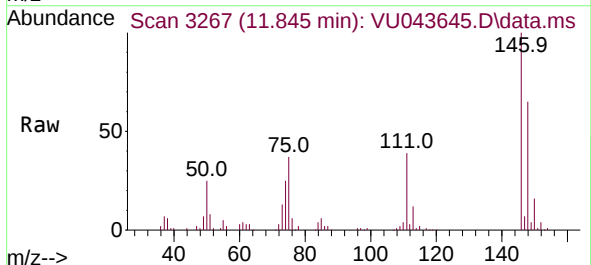
Instrument :
MSVOA_U
ClientSampleId :

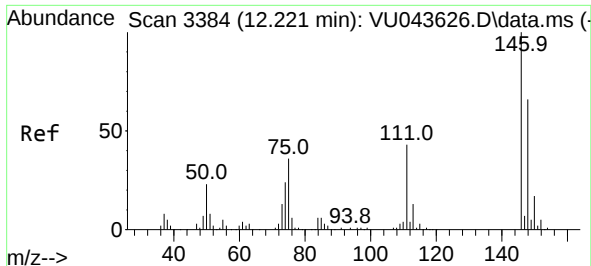
Tgt Ion:146 Resp: 75084
Ion Ratio Lower Upper
146 100
111 41.4 28.9 53.7
148 62.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.36 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion:146 Resp: 73587
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.2
148 64.6 44.6 82.8

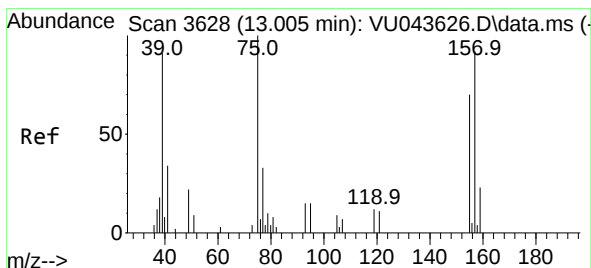
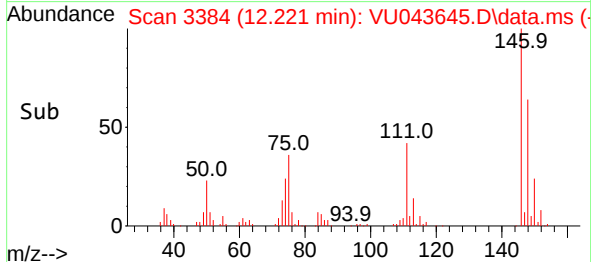
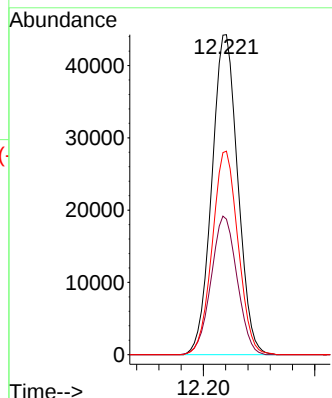
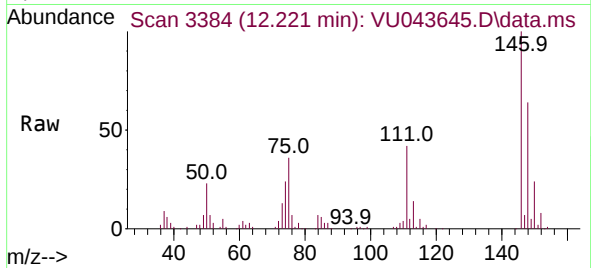




#67
1,2-Dichlorobenzene
Concen: 5.32 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

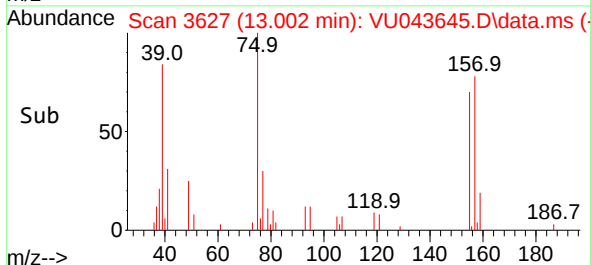
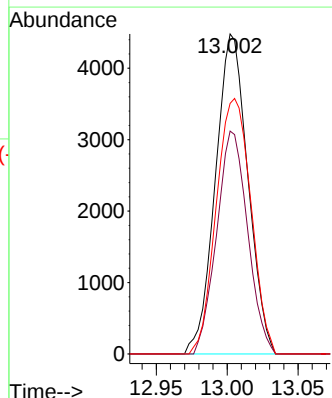
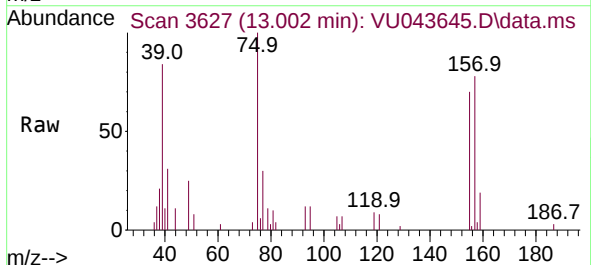
Instrument :
MSVOA_U
ClientSampled :

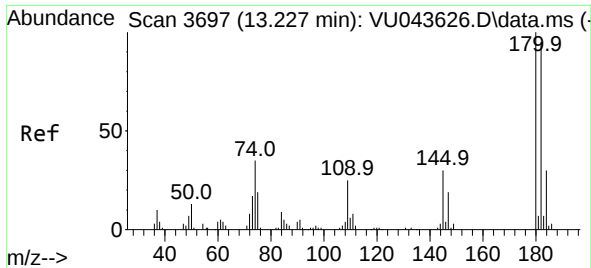
Tgt Ion:146 Resp: 71600
Ion Ratio Lower Upper
146 100
111 42.3 32.6 49.0
148 63.6 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.97 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion: 75 Resp: 7130
Ion Ratio Lower Upper
75 100
155 69.7 57.8 86.6
157 78.3 68.5 102.7

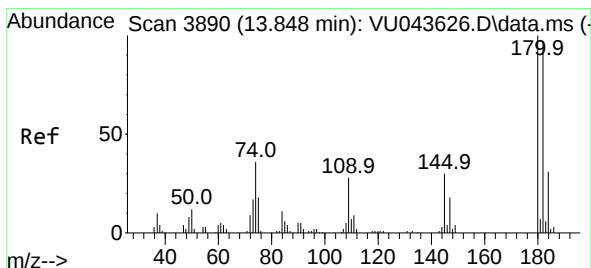
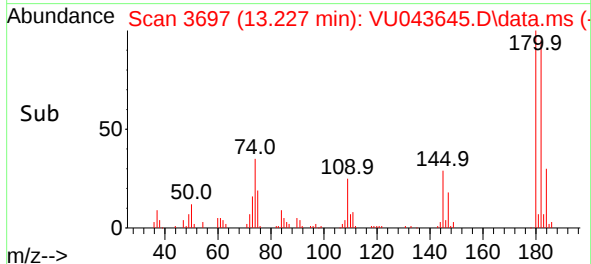
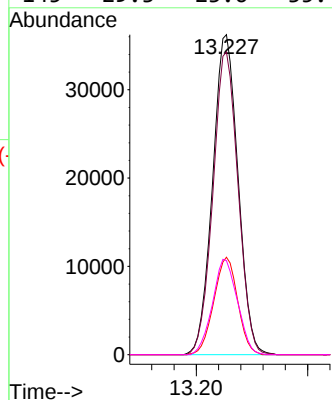
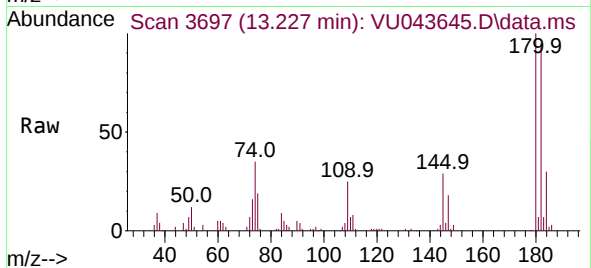




#69
1,3,5-Trichlorobenzene
Concen: 5.41 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

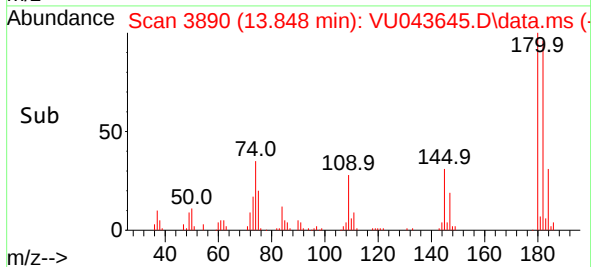
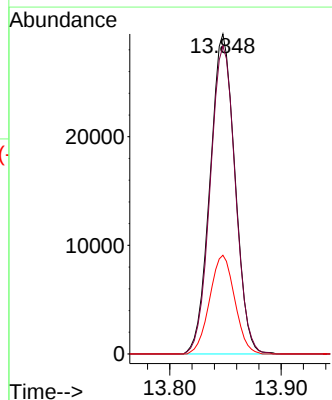
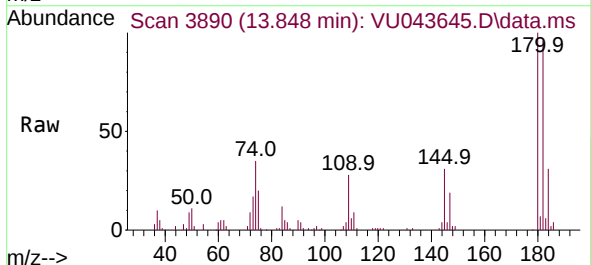
Instrument :
MSVOA_U
ClientSampled :

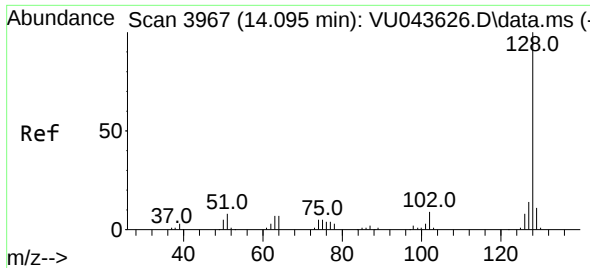
Tgt Ion:	180	Resp:	57301
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.0	114.0
184	28.6	24.1	36.1
145	29.3	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 5.24 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion:	180	Resp:	45748
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.9	113.9
145	31.0	24.6	37.0

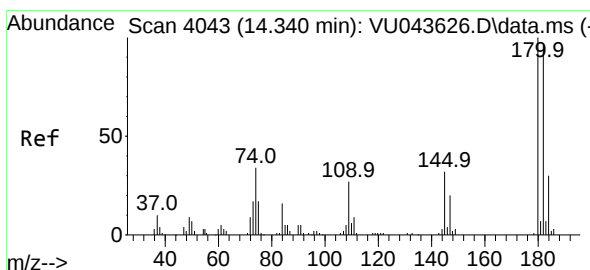
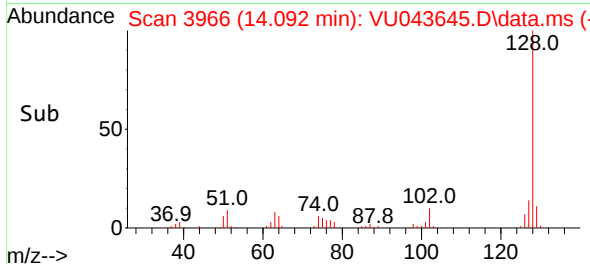
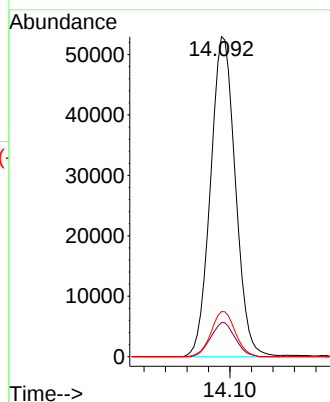
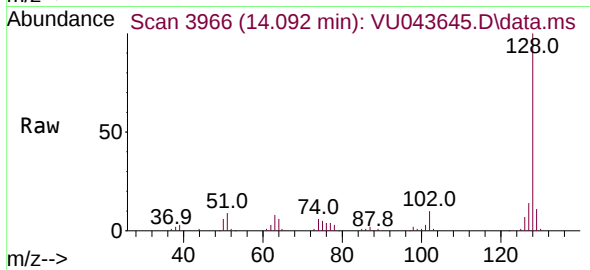




#71
Naphthalene
Concen: 5.65 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 84980
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.8 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.47 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043645.D
Acq: 10 May 2021 17:55

Tgt Ion:180 Resp: 44786
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
145 32.6 25.7 38.5

