

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043626.D
 Acq On : 10 May 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 03:52:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	113584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109413	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56604	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	31974	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.919	69	26381	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.572	65	16055	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.649	46	148043	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	5.076	84	73399	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.713	65	45474	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.735	84	129537	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.700	67	47401	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.906	98	119815	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.185	79	19509	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.642	63	94511	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	39029	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	44555	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.388	85	35505	4.62	ug/L 98
3) Chloromethane	1.520	50	34485	4.25	ug/L 97
5) Vinyl chloride	1.607	62	36003	4.68	ug/L 100
6) Bromomethane	1.861	94	18815	5.17	ug/L 96
8) Chloroethane	1.938	64	22695	4.57	ug/L 100
9) Trichlorofluoromethane	2.144	101	55524	4.64	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	35948	4.86	ug/L 98
12) 1,1-Dichloroethene	2.584	96	29739	4.68	ug/L 96
13) Acetone	2.665	43	100027	52.90	ug/L 98
14) Carbon disulfide	2.800	76	71238	4.48	ug/L 99
15) Methyl Acetate	2.967	43	21045	4.88	ug/L 99
16) Methylene chloride	3.054	84	41417	4.07	ug/L 95
17) Methyl tert-butyl Ether	3.375	73	98673	5.32	ug/L 99
18) trans-1,2-Dichloroethene	3.363	96	31165	4.71	ug/L 98
19) 1,1-Dichloroethane	3.880	63	76455	4.85	ug/L 96
21) 2-Butanone	4.732	43	157462	51.94	ug/L 98
22) cis-1,2-Dichloroethene	4.678	96	37625	4.84	ug/L 96
23) Bromochloromethane	4.983	128	16860	4.87	ug/L 94
25) Chloroform	5.099	83	77349	4.61	ug/L 99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

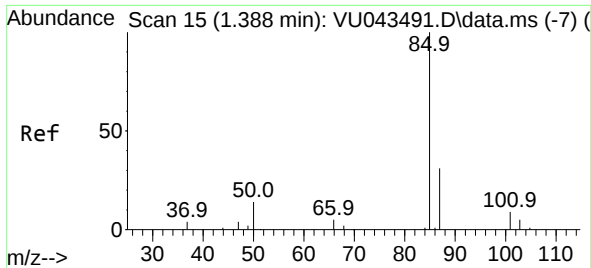
Quant Time: May 11 03:52:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	53069	4.66	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	63052	4.90	ug/L	99
30) Cyclohexane	5.398	56	56118	5.47	ug/L	98
31) Carbon tetrachloride	5.533	117	50731	4.81	ug/L	98
33) Benzene	5.784	78	146195	5.07	ug/L	100
34) Trichloroethene	6.549	95	38245	5.20	ug/L	95
35) Methylcyclohexane	6.774	83	50951	5.35	ug/L	98
37) 1,2-Dichloropropane	6.800	63	44361	5.16	ug/L	100
38) Bromodichloromethane	7.115	83	55608	4.99	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	61052	5.35	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	370963	52.68	ug/L	100
42) Toluene	7.976	91	156523	5.19	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	54805	5.27	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	29075	4.89	ug/L	98
47) Tetrachloroethene	8.562	164	27234	5.02	ug/L	98
48) 2-Hexanone	8.693	43	278353	53.29	ug/L	98
49) Dibromochloromethane	8.819	129	35302	4.91	ug/L	94
50) 1,2-Dibromoethane	8.931	107	27551	4.98	ug/L	95
51) Chlorobenzene	9.456	112	97933	5.11	ug/L	98
52) Ethylbenzene	9.578	91	172353	5.39	ug/L	100
53) m,p-Xylene	9.700	106	62195	5.35	ug/L	99
54) o-Xylene	10.108	106	61689	5.47	ug/L	98
55) Styrene	10.121	104	106871	5.40	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	39762	4.96	ug/L	99
59) Bromoform	10.298	173	21000	5.10	ug/L	99
60) Isopropylbenzene	10.491	105	169191	5.48	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	28884	5.04	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	141165	5.82	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	141113	5.81	ug/L	98
64) 1,3-Dichlorobenzene	11.754	146	79780	5.22	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	80423	5.12	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	76780	4.99	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	7049	5.16	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	64596	5.34	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	52363	5.25	ug/L	99
71) Naphthalene	14.095	128	93237	5.42	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	49170	5.25	ug/L	98

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

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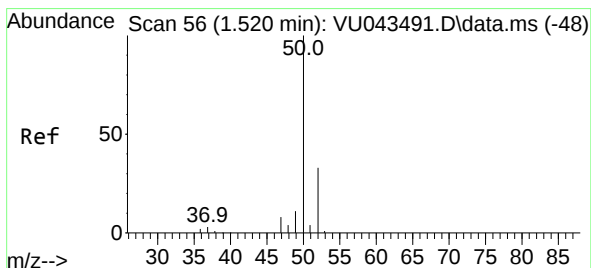
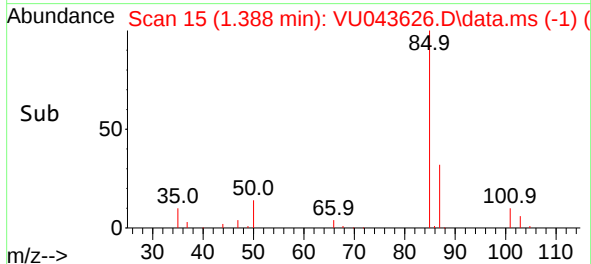
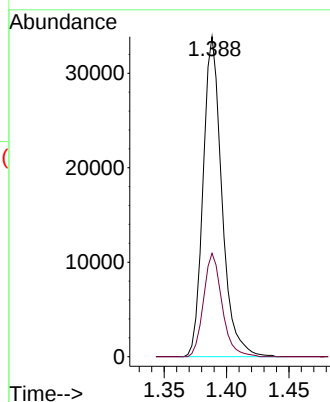
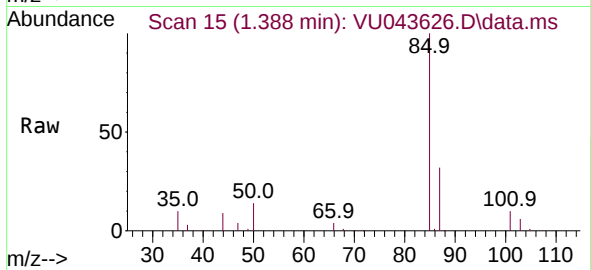




#2
Dichlorodifluoromethane
Concen: 4.62 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

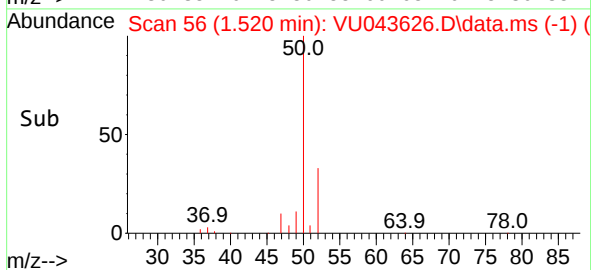
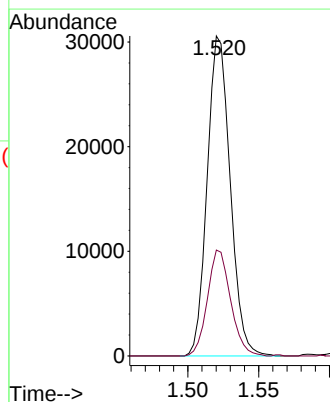
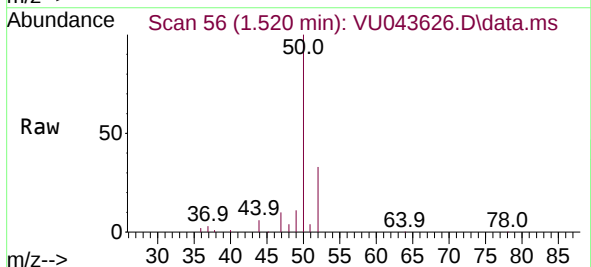
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MSVOA_U
ClientSampled :

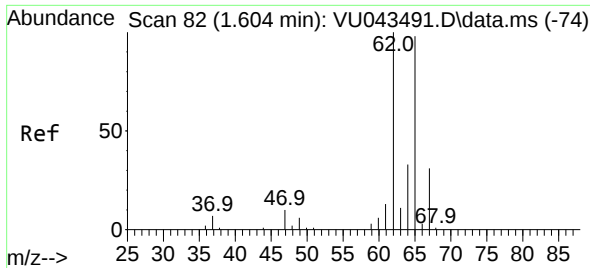
Tgt Ion: 85 Resp: 35505
Ion Ratio Lower Upper
85 100
87 31.9 26.6 39.8



#3
Chloromethane
Concen: 4.25 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 50 Resp: 34485
Ion Ratio Lower Upper
50 100
52 33.1 22.1 41.1

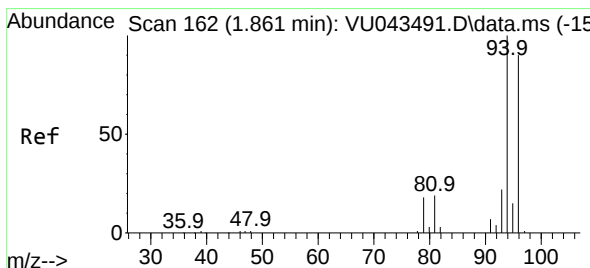
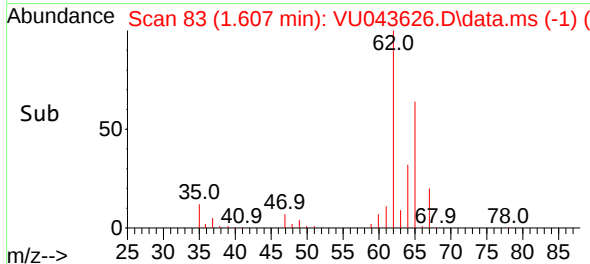
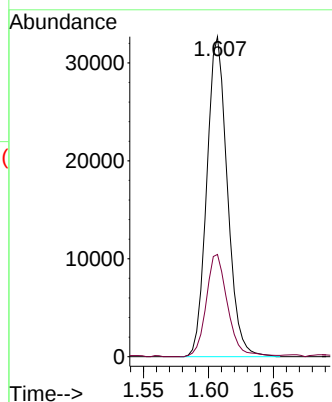
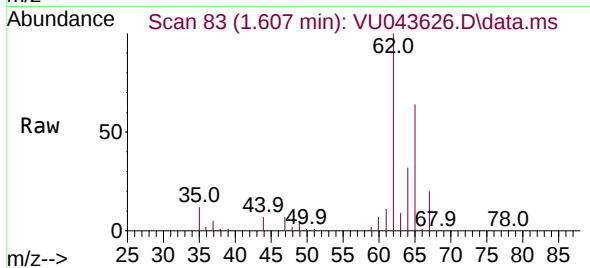




#5
 Vinyl chloride
 Concen: 4.68 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

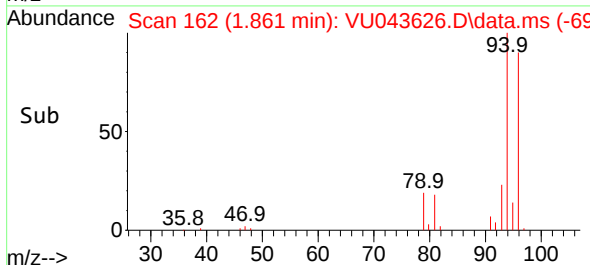
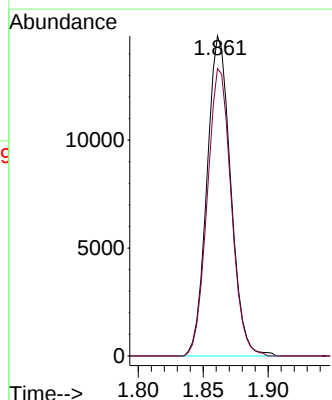
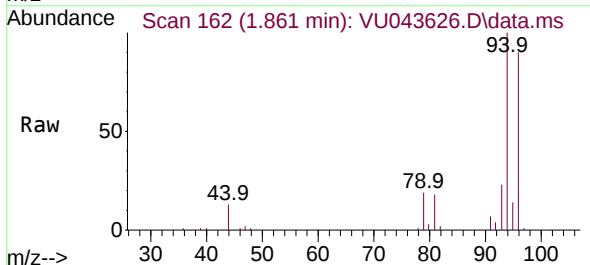
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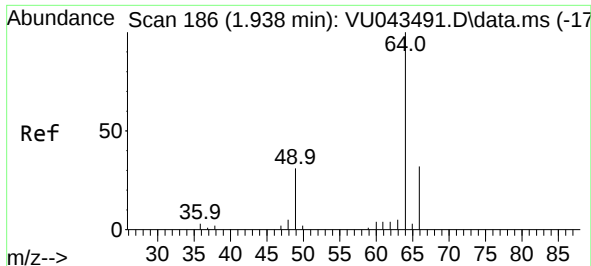
Tgt Ion: 62 Resp: 36003
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.3 41.3



#6
 Bromomethane
 Concen: 5.17 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

Tgt Ion: 94 Resp: 18815
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.7 121.9

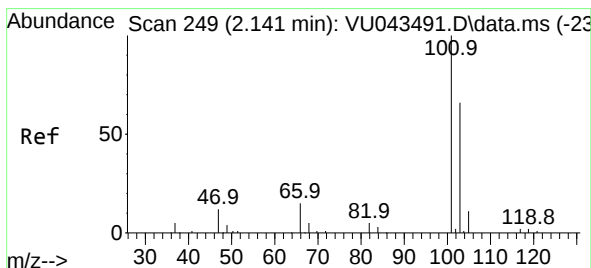
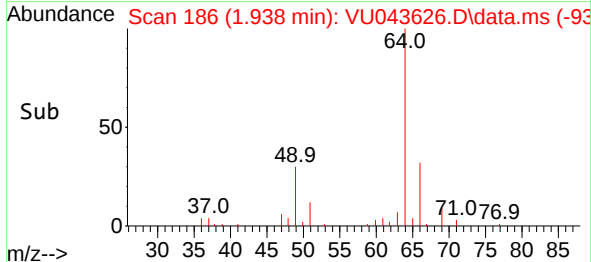
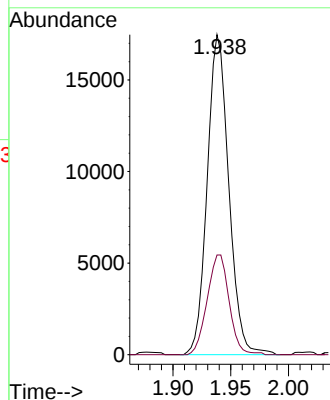
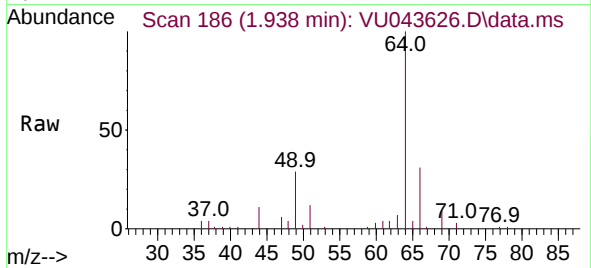




#8
Chloroethane
Concen: 4.57 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

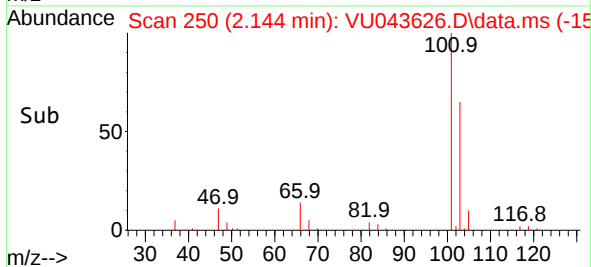
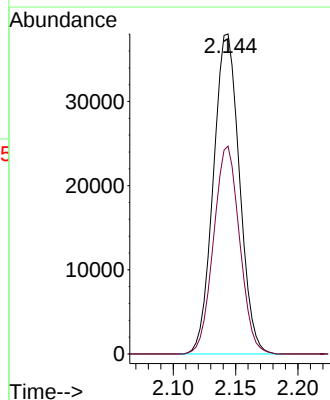
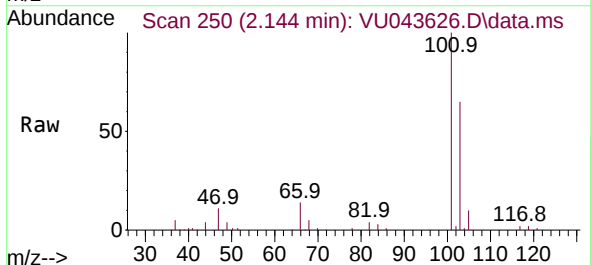
Instrument :
MSVOA_U
ClientSampled :

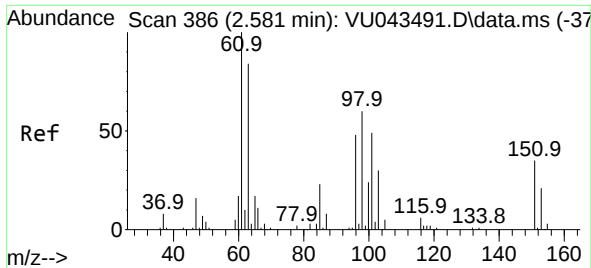
Tgt Ion: 64 Resp: 22695
Ion Ratio Lower Upper
64 100
66 31.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 4.64 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion:101 Resp: 55524
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8

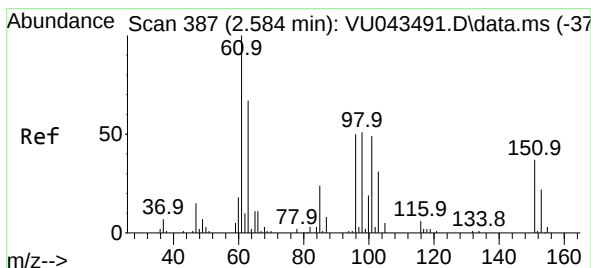
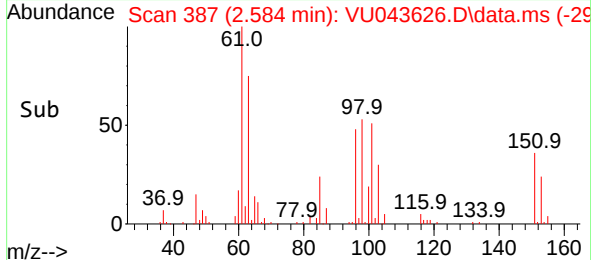
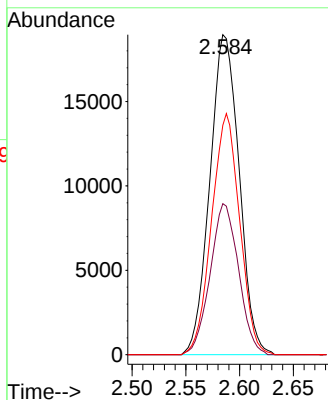
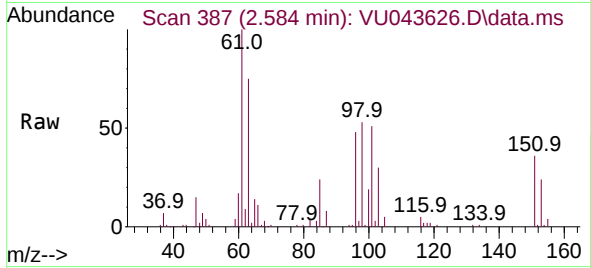




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.86 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

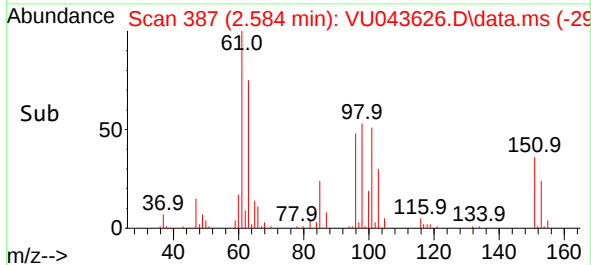
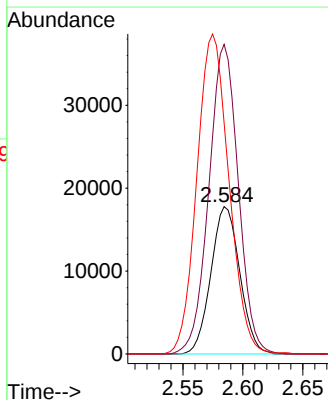
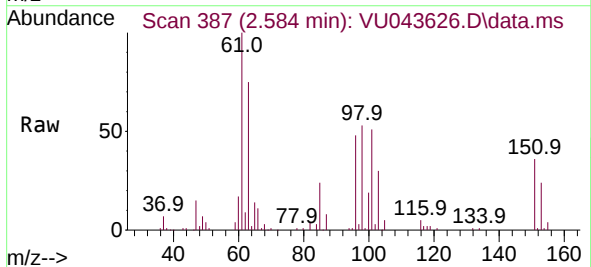
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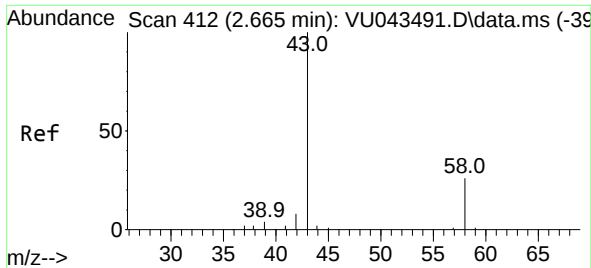
Tgt Ion:101 Resp: 35948
 Ion Ratio Lower Upper
 101 100
 85 45.8 38.5 57.7
 151 72.2 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 4.68 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

Tgt Ion: 96 Resp: 29739
 Ion Ratio Lower Upper
 96 100
 61 210.1 141.2 262.2
 63 156.6 111.1 206.3

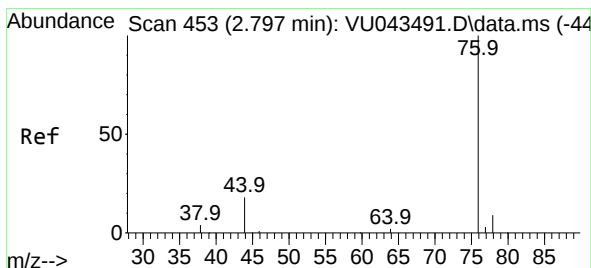
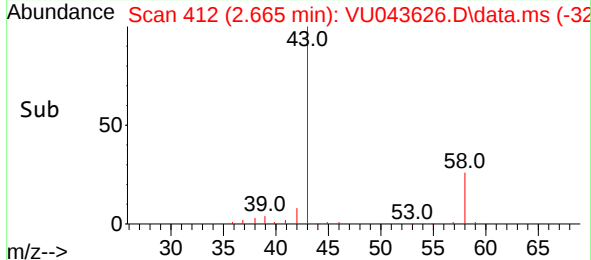
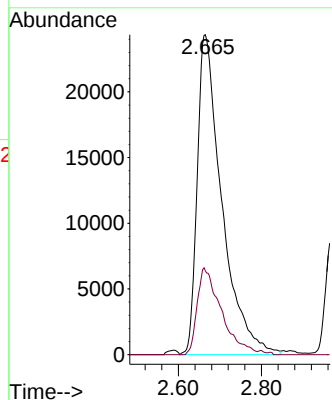
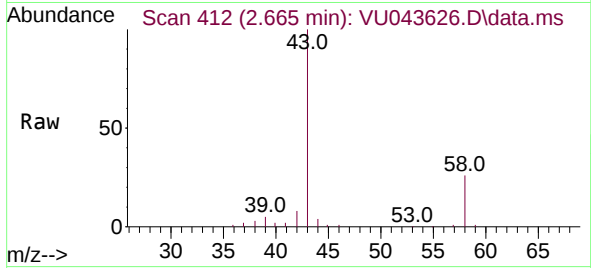




#13
Acetone
Concen: 52.90 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

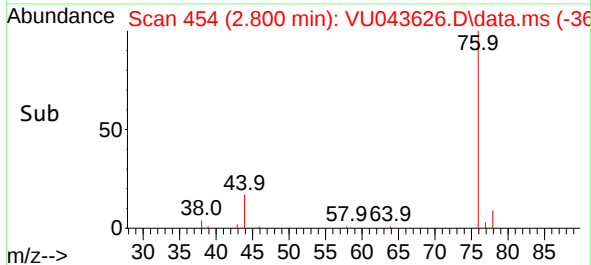
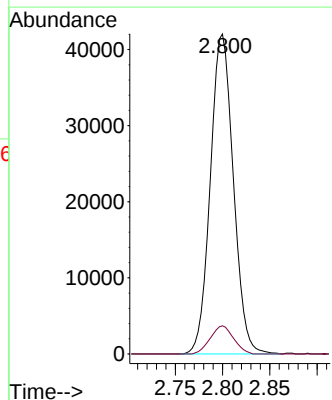
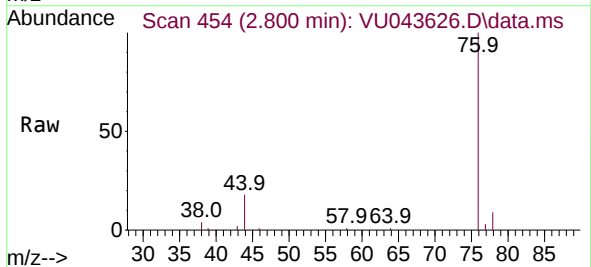
Instrument :
MSVOA_U
ClientSampled :

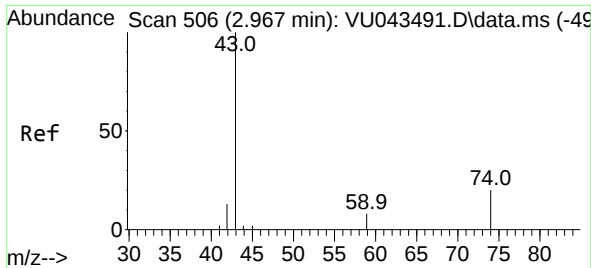
Tgt Ion: 43 Resp: 100027
Ion Ratio Lower Upper
43 100
58 26.6 0.0 50.8



#14
Carbon disulfide
Concen: 4.48 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 76 Resp: 71238
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

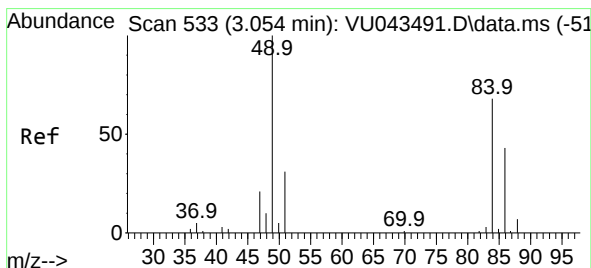
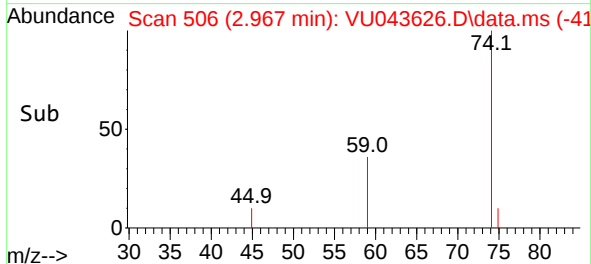
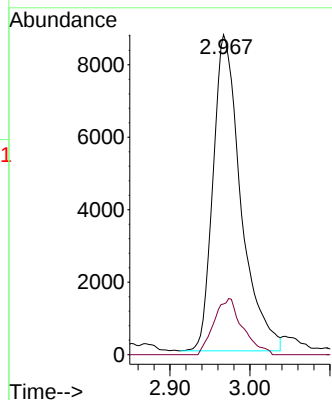
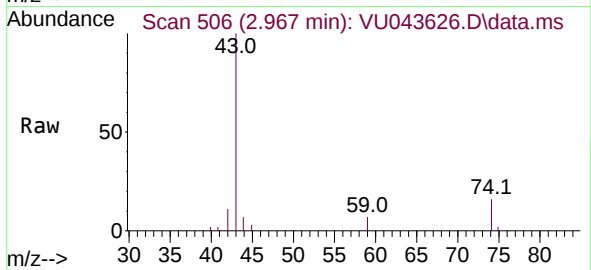




#15
Methyl Acetate
Concen: 4.88 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

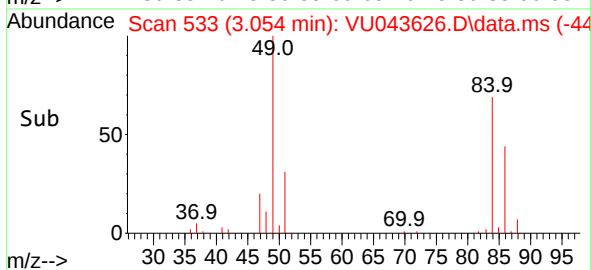
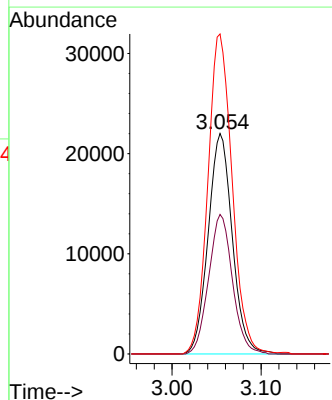
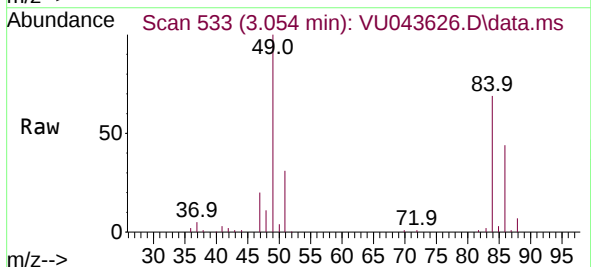
Instrument :
MSVOA_U
ClientSampled :

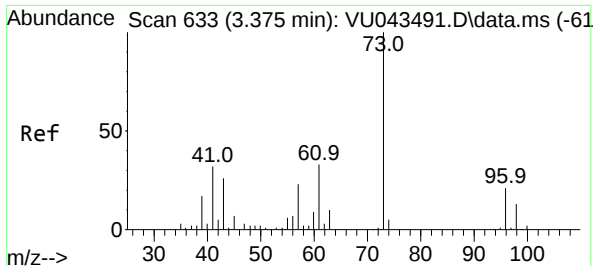
Tgt Ion: 43 Resp: 21045
Ion Ratio Lower Upper
43 100
74 18.3 15.2 22.8



#16
Methylene chloride
Concen: 4.07 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 84 Resp: 41417
Ion Ratio Lower Upper
84 100
86 63.3 45.6 84.6
49 145.1 107.0 198.8



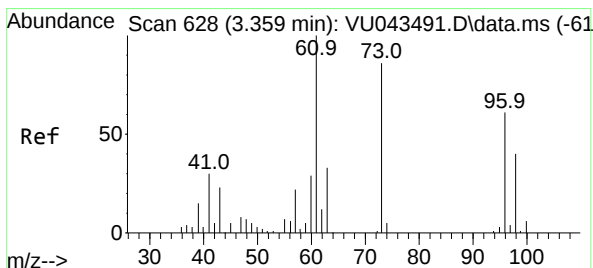
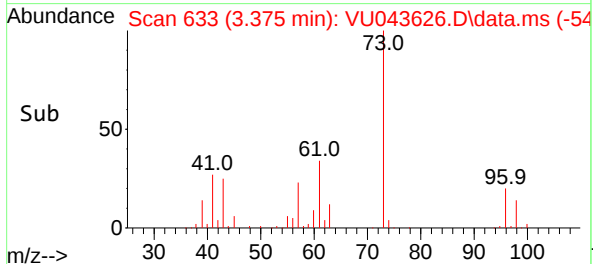
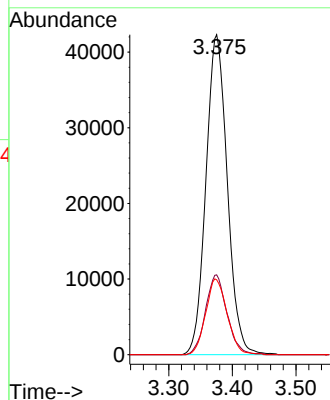
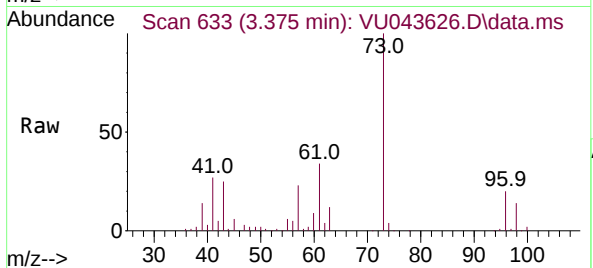


#17

Methyl tert-butyl Ether
Concen: 5.32 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

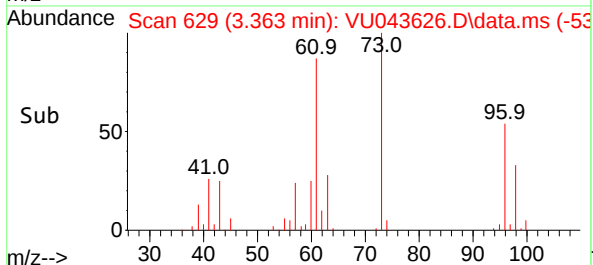
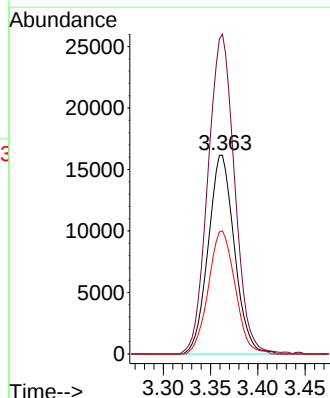
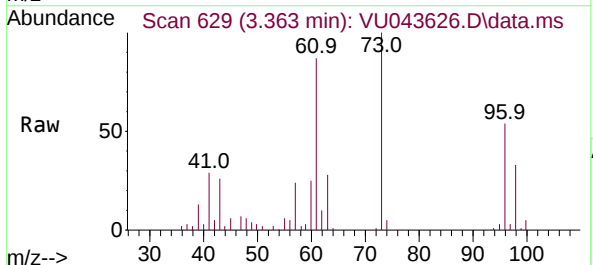
Tgt Ion: 73	Resp: 98673
Ion Ratio	Lower Upper
73 100	
43 25.1	20.6 30.8
57 23.8	18.7 28.1

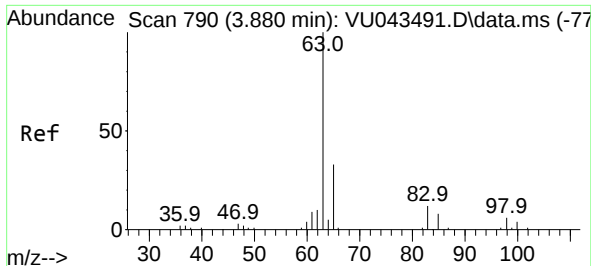


#18

trans-1,2-Dichloroethene
Concen: 4.71 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 96	Resp: 31165
Ion Ratio	Lower Upper
96 100	
61 161.0	113.5 210.9
98 61.9	45.4 84.2





#19

1,1-Dichloroethane

Concen: 4.85 ug/L

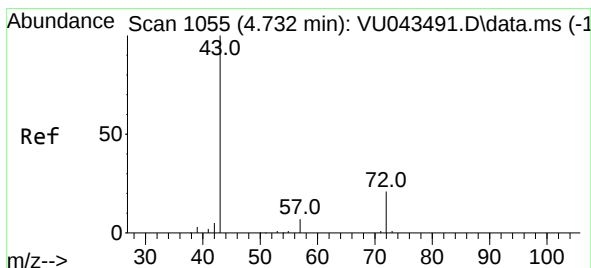
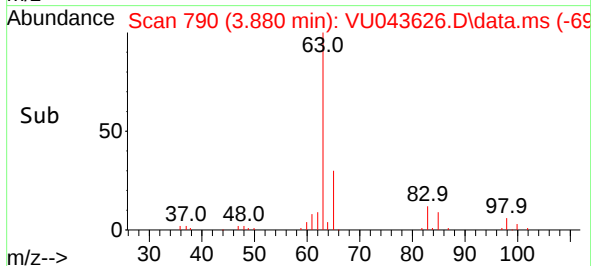
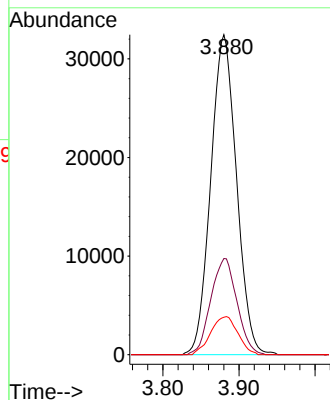
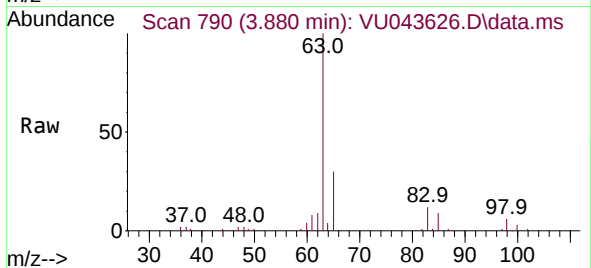
RT: 3.880 min Scan# 790

Delta R.T. 0.003 min

Lab File: VU043626.D

Acq: 10 May 2021 09:41

Tgt Ion:	63	Resp:	76455
Ion	Ratio	Lower	Upper
63	100		
65	30.1	22.7	42.1
83	11.7	9.4	17.4



#21

2-Butanone

Concen: 51.94 ug/L

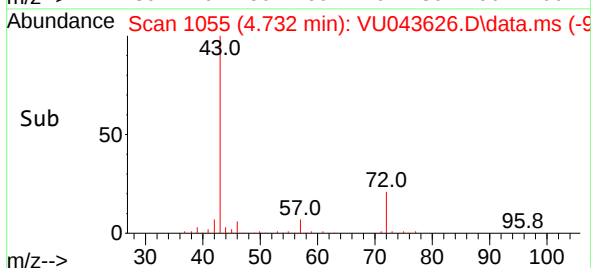
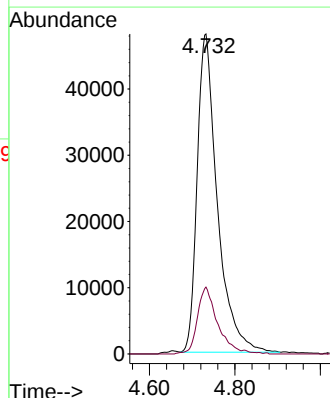
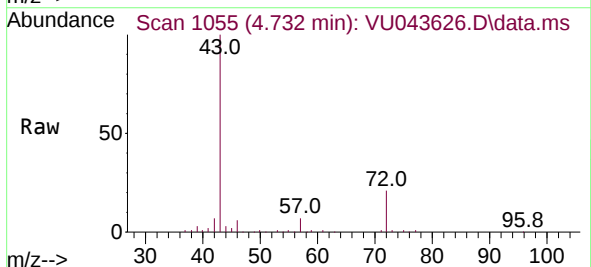
RT: 4.732 min Scan# 1055

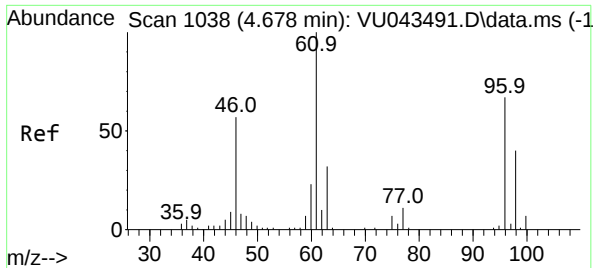
Delta R.T. 0.003 min

Lab File: VU043626.D

Acq: 10 May 2021 09:41

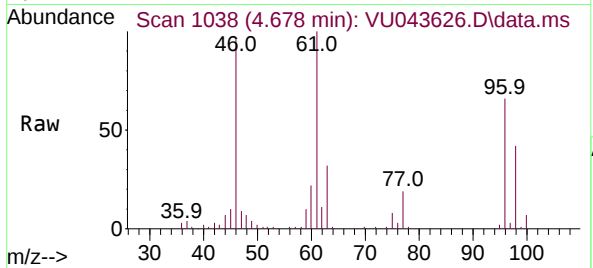
Tgt Ion:	43	Resp:	157462
Ion	Ratio	Lower	Upper
43	100		
72	20.6	10.8	32.4





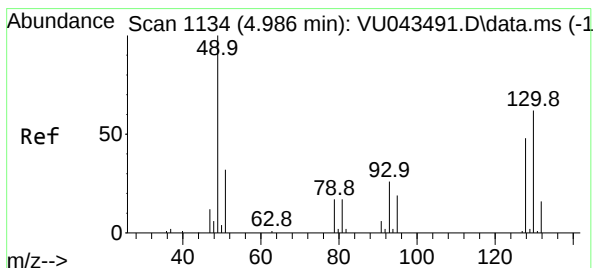
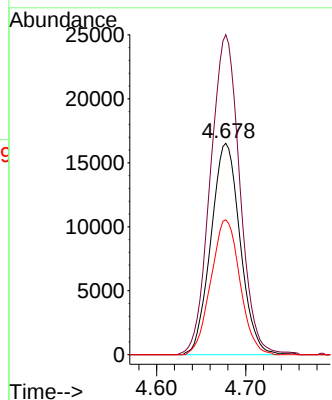
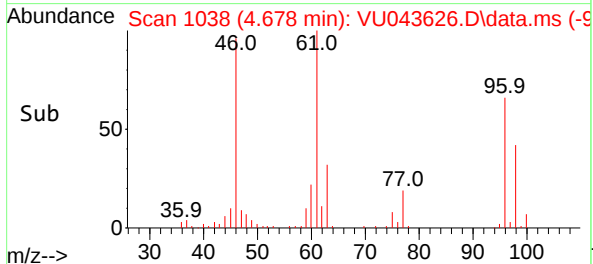
#22
 cis-1,2-Dichloroethene
 Concen: 4.84 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

Instrument :
 MSVOA_U
 ClientSampled :

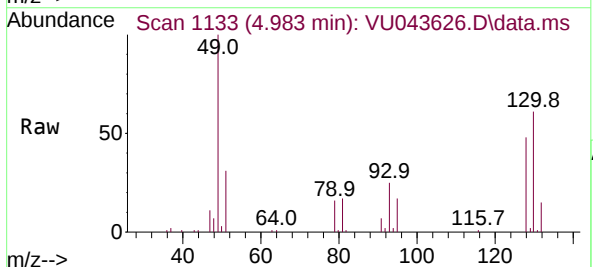


Tgt Ion: 96 Resp: 37625

Ion	Ratio	Lower	Upper
96	100		
61	151.4	102.8	190.8
98	63.8	42.8	79.6

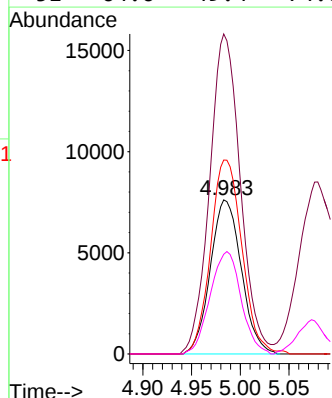
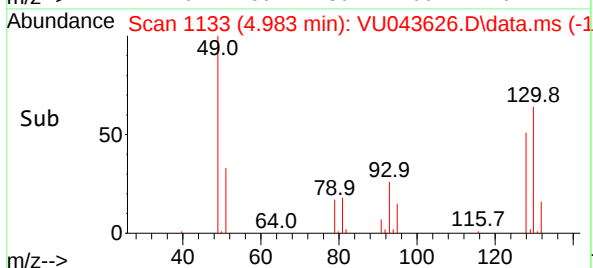


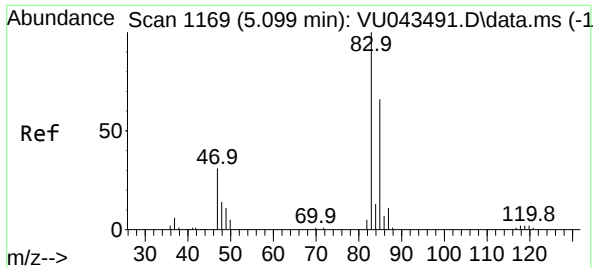
#23
 Bromochloromethane
 Concen: 4.87 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.003 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41



Tgt Ion: 128 Resp: 16860

Ion	Ratio	Lower	Upper
128	100		
49	207.6	134.2	249.2
130	125.8	87.2	162.0
51	64.6	49.4	74.0



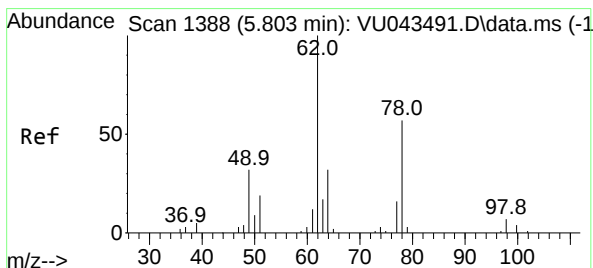
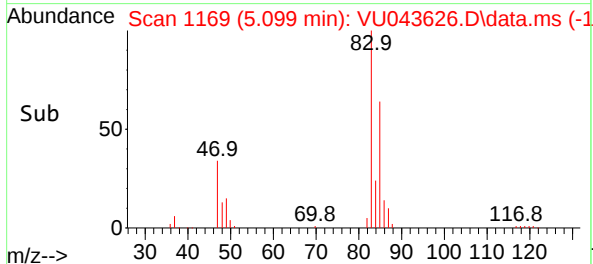
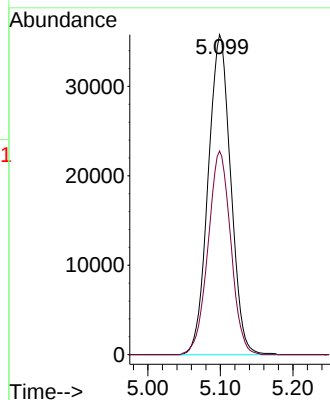
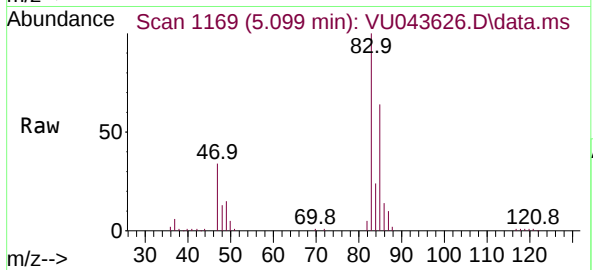


#25

Chloroform
Concen: 4.61 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

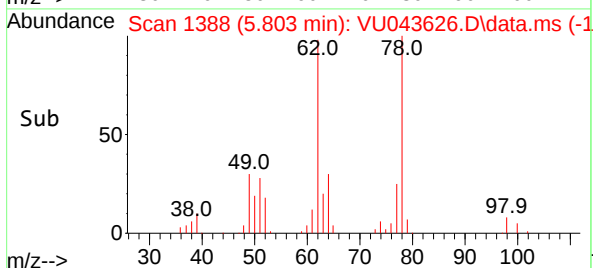
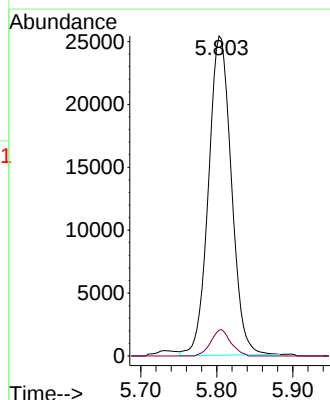
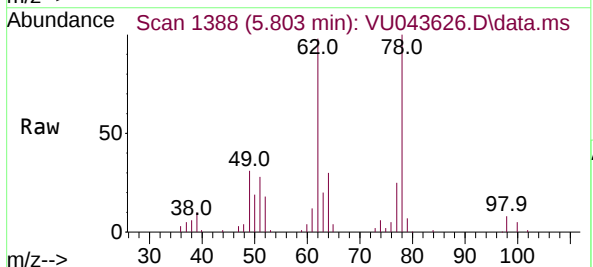
Tgt Ion: 83 Resp: 77349
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9

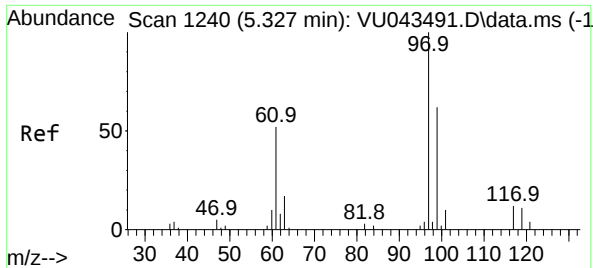


#27

1,2-Dichloroethane
Concen: 4.66 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 62 Resp: 53069
Ion Ratio Lower Upper
62 100
98 8.1 6.1 9.1

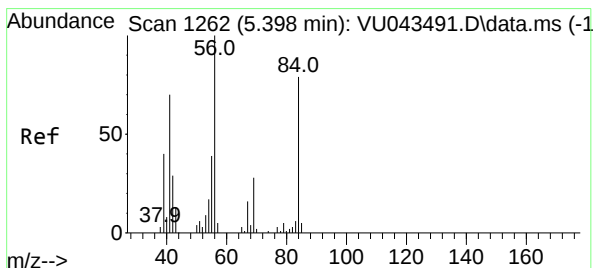
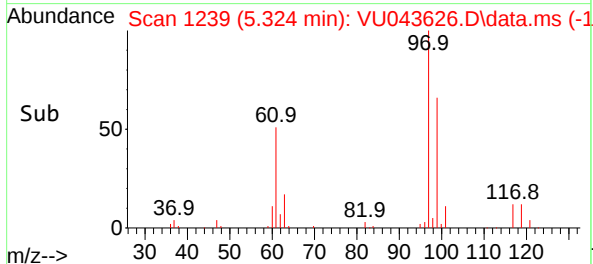
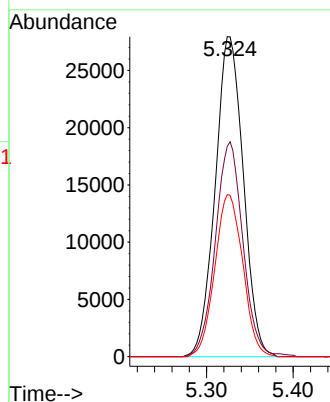
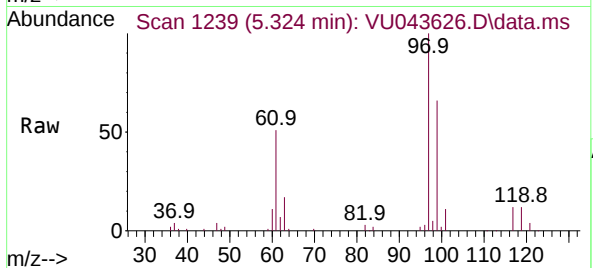




#29
1,1,1-Trichloroethane
Concen: 4.90 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

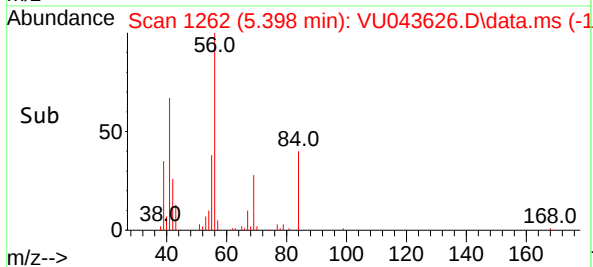
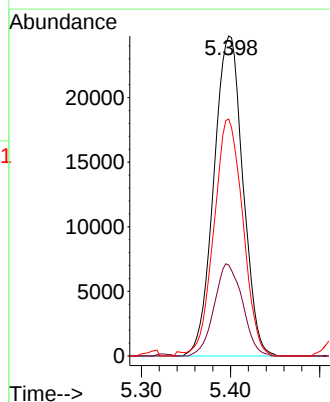
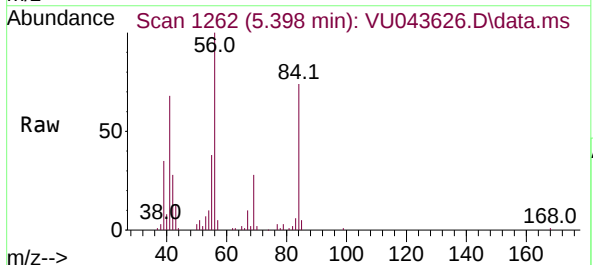
Instrument :
MSVOA_U
ClientSampleId :

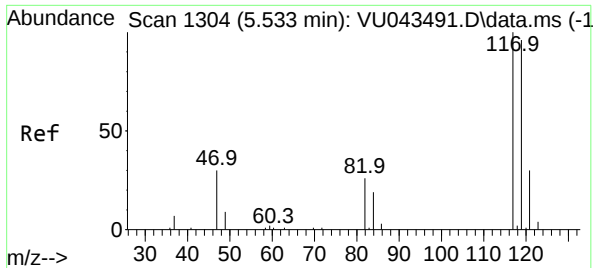
Tgt Ion:	97	Resp:	63052
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.8	77.6
61	50.3	39.8	59.8



#30
Cyclohexane
Concen: 5.47 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion:	56	Resp:	56118
Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.0	34.4
84	73.7	60.3	90.5

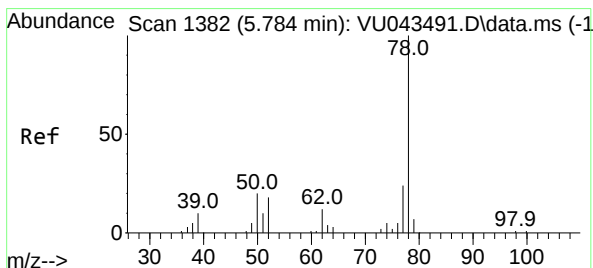
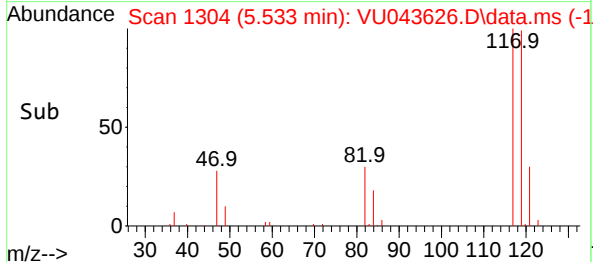
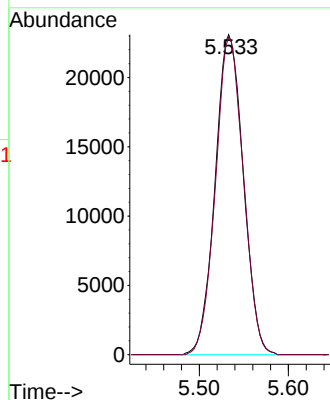
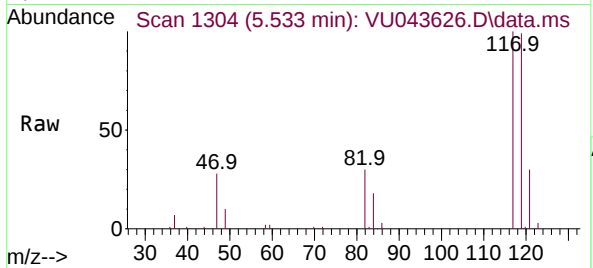




#31
Carbon tetrachloride
Concen: 4.81 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

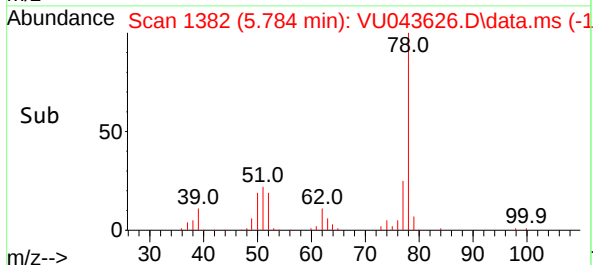
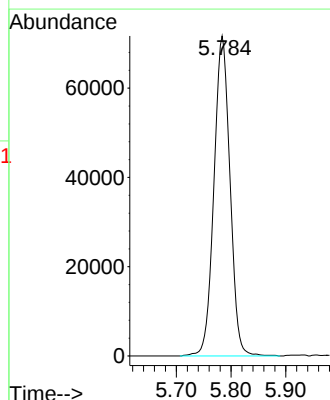
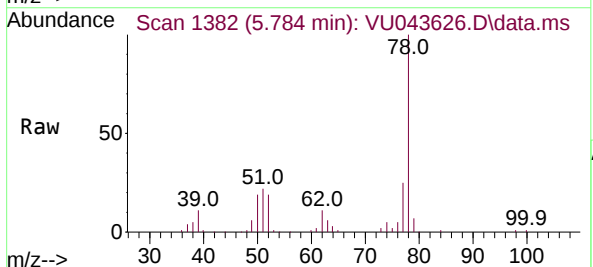
Instrument :
MSVOA_U
ClientSampled :

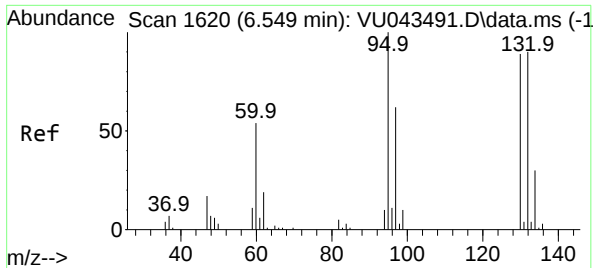
Tgt Ion:117 Resp: 50731
Ion Ratio Lower Upper
117 100
119 98.2 77.0 115.6



#33
Benzene
Concen: 5.07 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 78 Resp: 146195





#34

Trichloroethene

Concen: 5.20 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU043626.D

Acq: 10 May 2021 09:41

Tgt Ion: 95 Resp: 38245

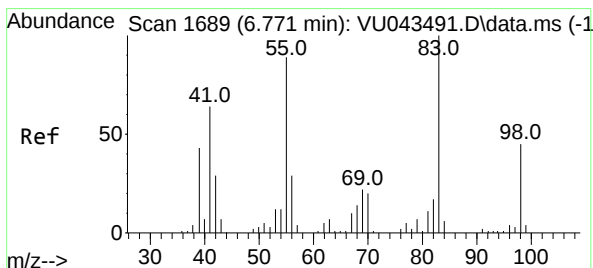
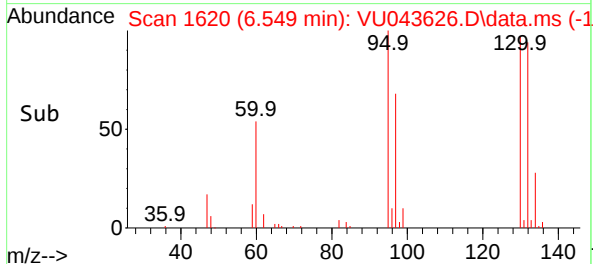
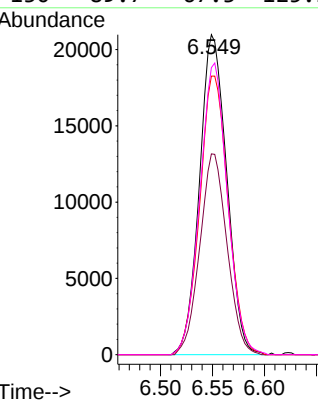
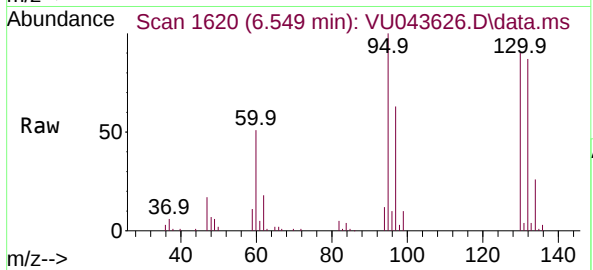
Ion Ratio Lower Upper

95 100

97 62.7 46.5 86.5

132 87.1 64.1 119.1

130 89.7 67.3 125.1



#35

Methylcyclohexane

Concen: 5.35 ug/L

RT: 6.774 min Scan# 1690

Delta R.T. 0.003 min

Lab File: VU043626.D

Acq: 10 May 2021 09:41

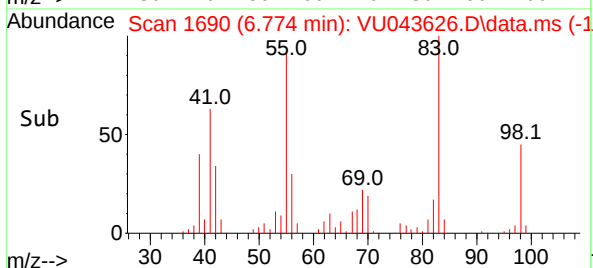
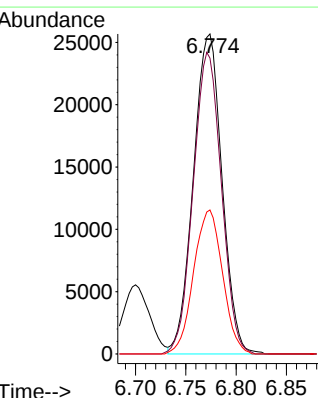
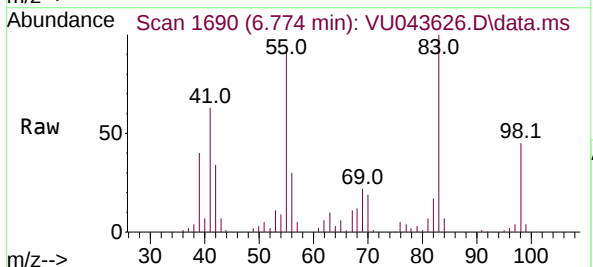
Tgt Ion: 83 Resp: 50951

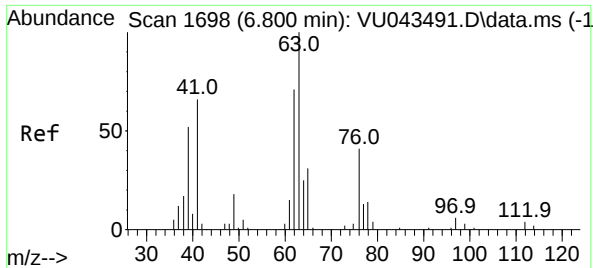
Ion Ratio Lower Upper

83 100

55 92.6 75.8 113.8

98 45.3 35.5 53.3

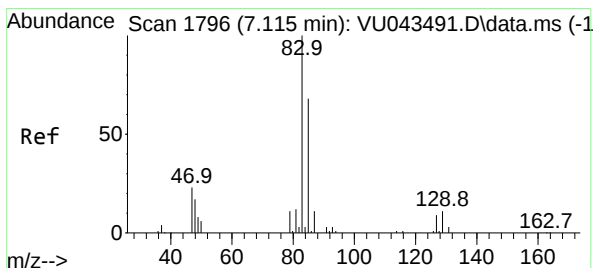
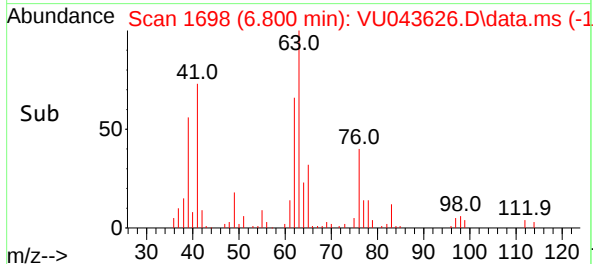
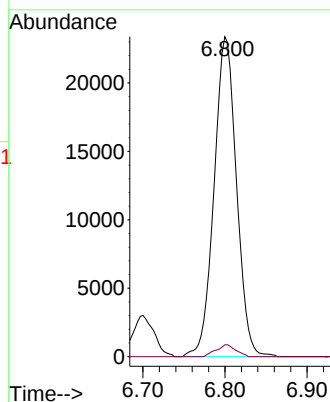
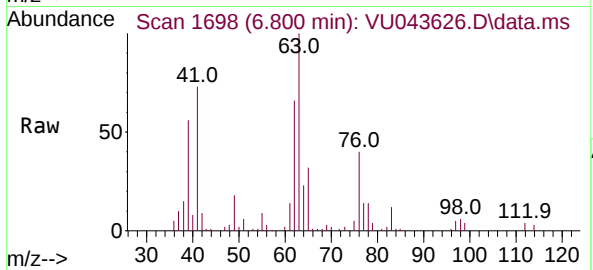




#37
1,2-Dichloropropane
Concen: 5.16 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

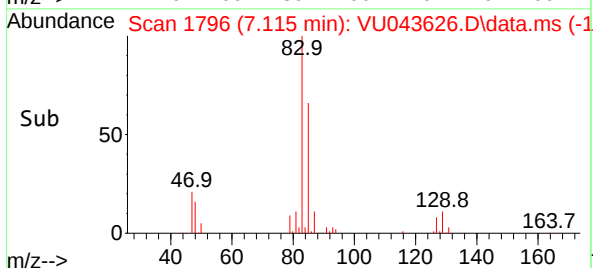
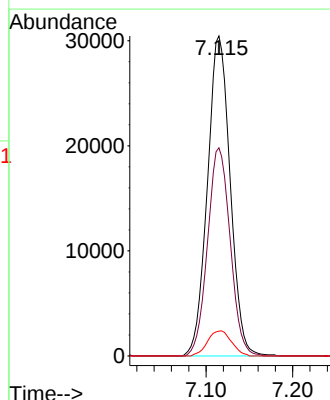
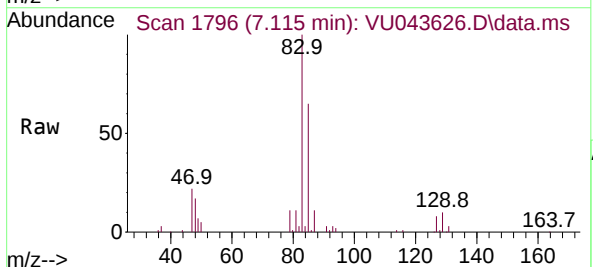
Instrument :
MSVOA_U
ClientSampled :

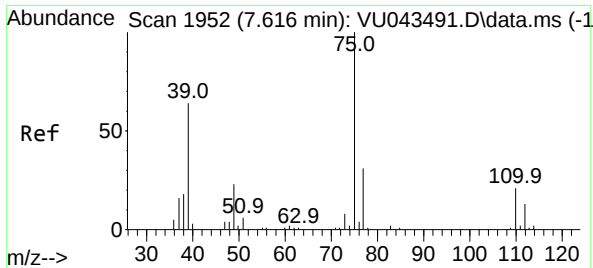
Tgt Ion: 63 Resp: 44361
Ion Ratio Lower Upper
63 100
112 3.3 2.6 3.8



#38
Bromodichloromethane
Concen: 4.99 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 83 Resp: 55608
Ion Ratio Lower Upper
83 100
85 65.0 43.3 80.5
127 7.7 6.2 9.4

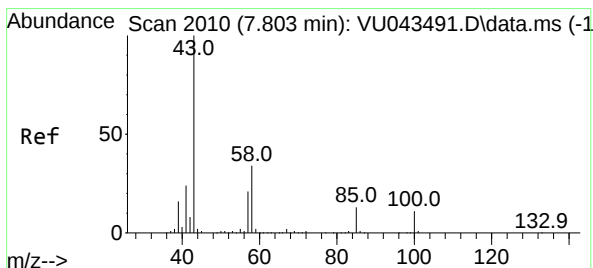
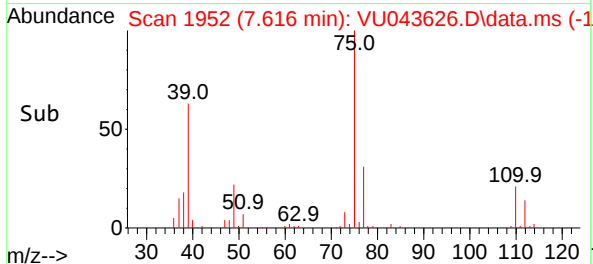
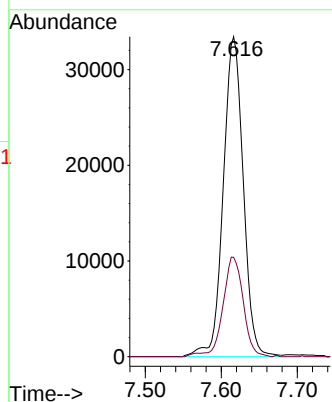
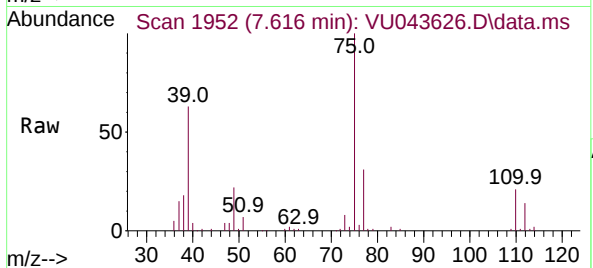




#39
 cis-1,3-Dichloropropene
 Concen: 5.35 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

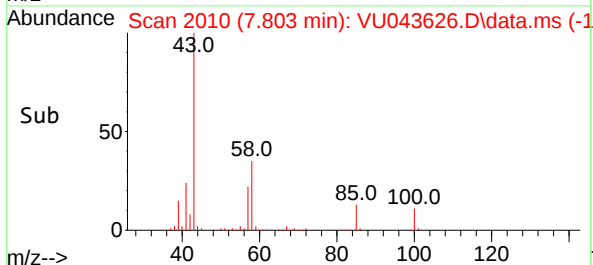
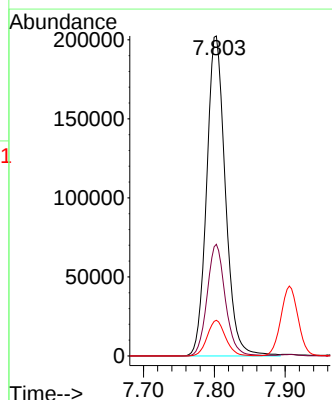
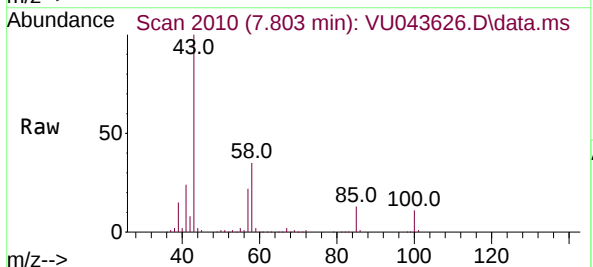
Instrument :
 MSVOA_U
 ClientSampled :

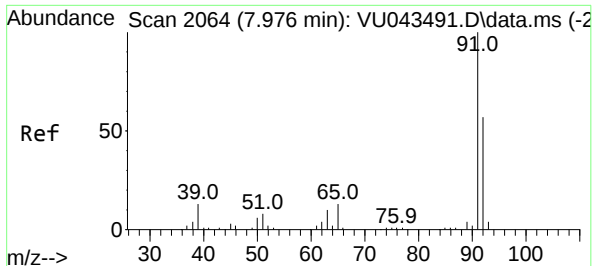
Tgt Ion: 75 Resp: 61052
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 52.68 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

Tgt Ion: 43 Resp: 370963
 Ion Ratio Lower Upper
 43 100
 58 33.9 26.9 40.3
 100 10.9 8.6 13.0

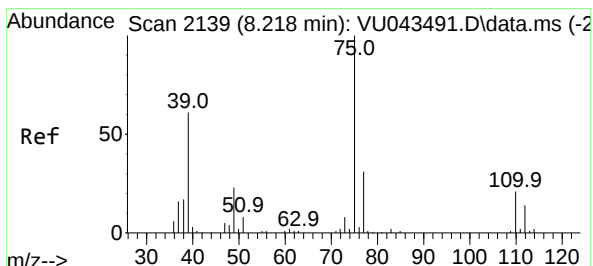
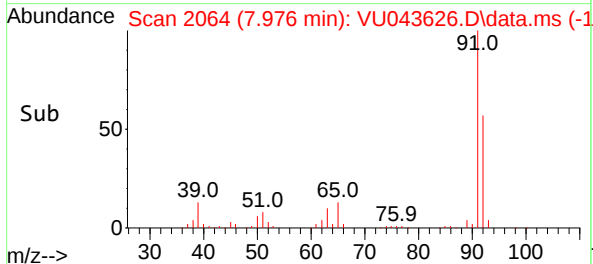
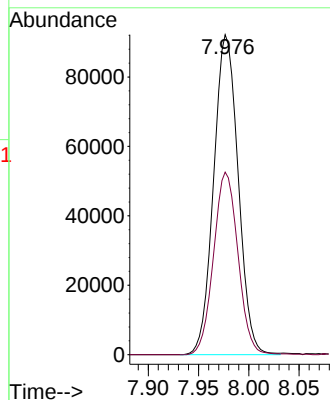
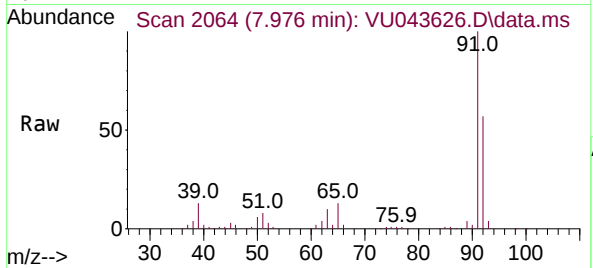




#42
Toluene
Concen: 5.19 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

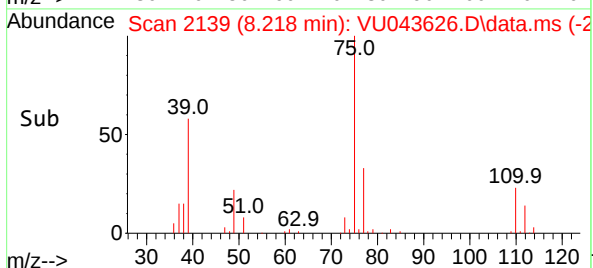
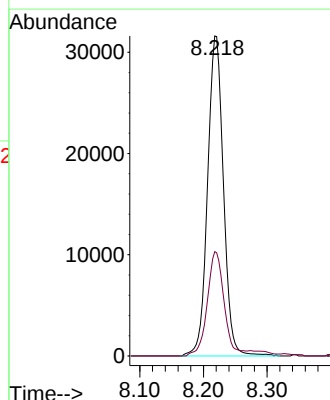
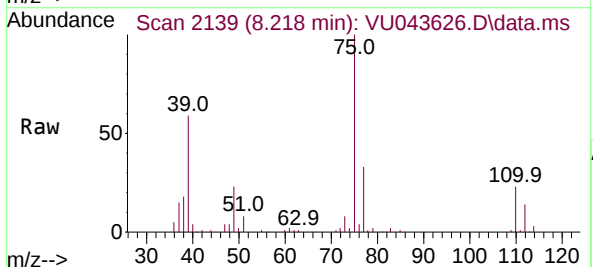
Instrument :
MSVOA_U
ClientSampled :

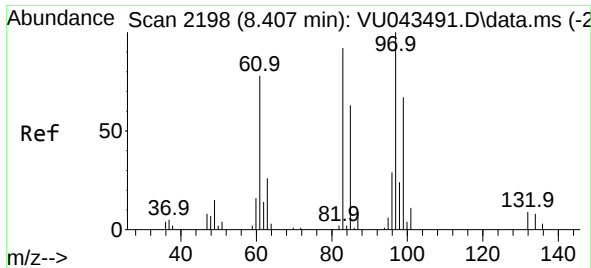
Tgt Ion: 91 Resp: 156523
Ion Ratio Lower Upper
91 100
92 57.0 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.27 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 75 Resp: 54805
Ion Ratio Lower Upper
75 100
77 32.6 23.3 43.3

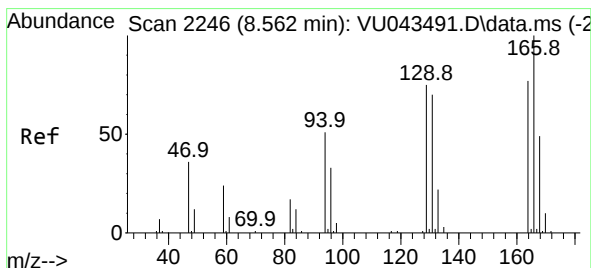
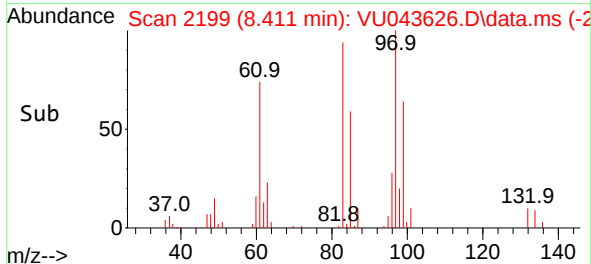
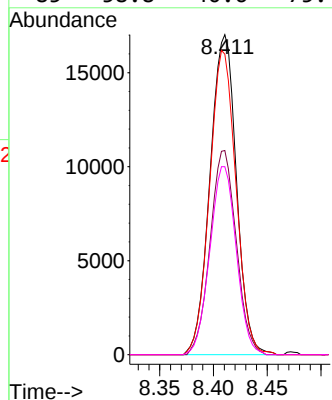
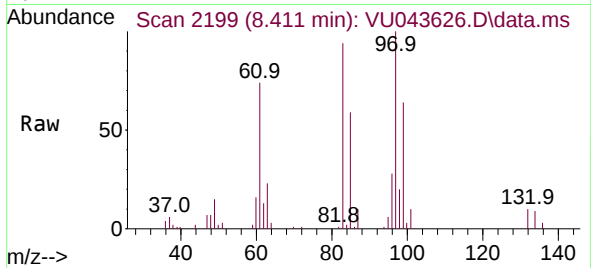




#45
1,1,2-Trichloroethane
Concen: 4.89 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

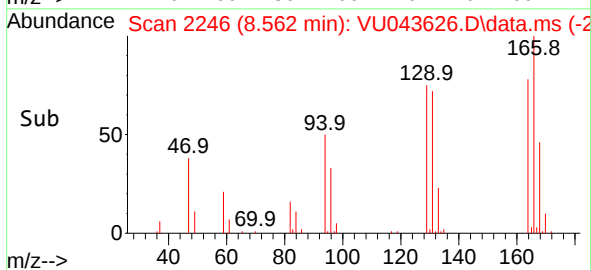
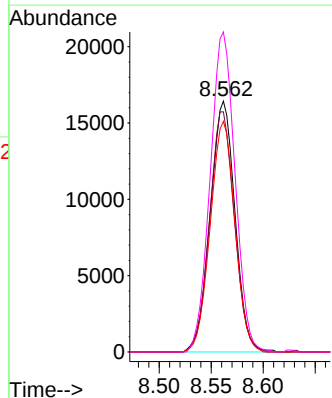
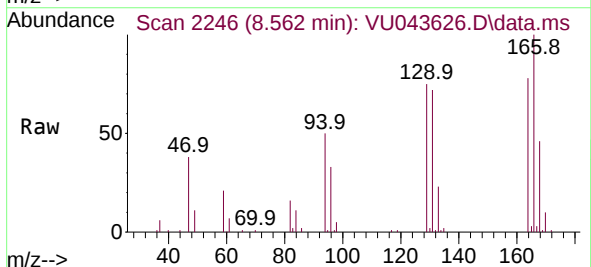
Instrument :
MSVOA_U
ClientSampleId :

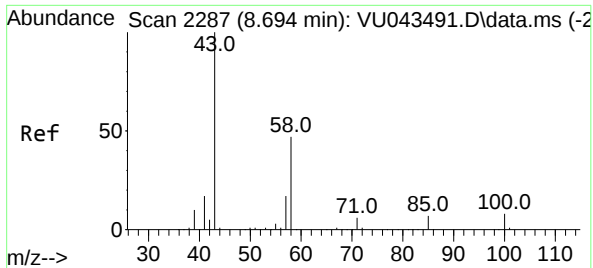
Tgt Ion:	97	Resp:	29075
Ion Ratio	Lower	Upper	
97	100		
99	63.8	42.6	79.0
83	93.9	64.1	119.1
85	58.8	40.6	75.4



#47
Tetrachloroethene
Concen: 5.02 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion:	164	Resp:	27234
Ion Ratio	Lower	Upper	
164	100		
129	95.8	62.5	116.1
131	91.9	64.9	120.5
166	127.5	89.0	165.2

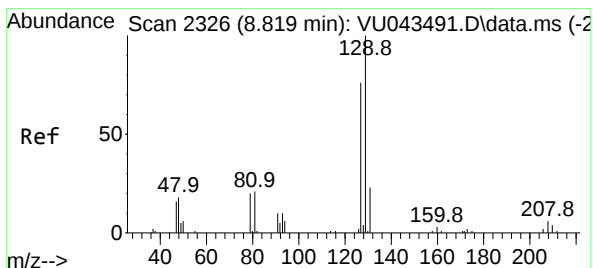
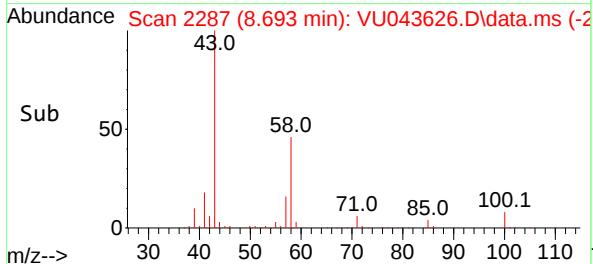
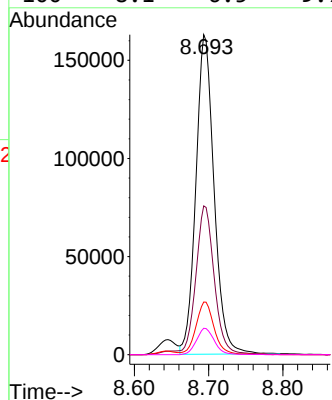
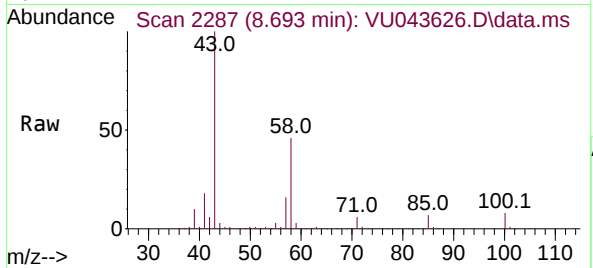




#48
2-Hexanone
Concen: 53.29 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

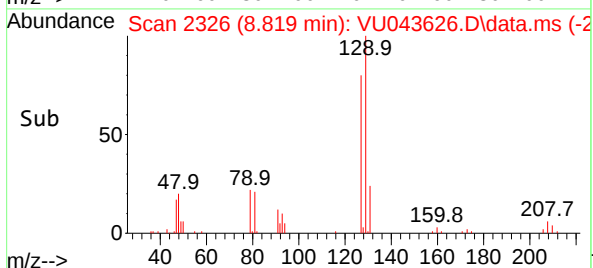
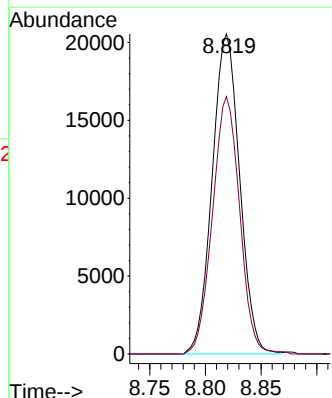
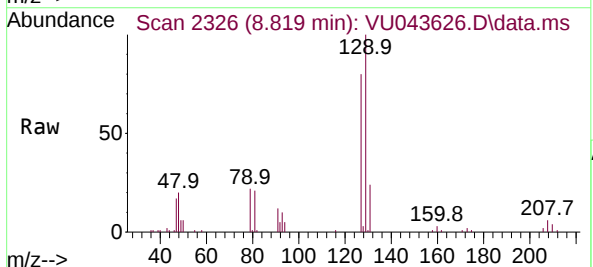
Instrument :
MSVOA_U
ClientSampleId :

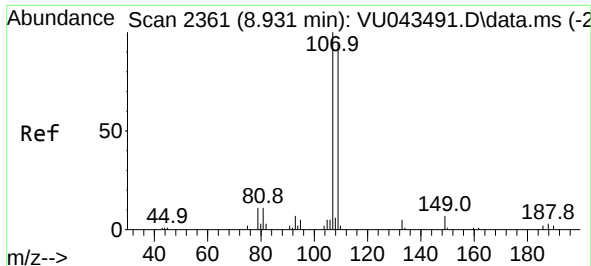
Tgt Ion: 43 Resp: 278353
Ion Ratio Lower Upper
43 100
58 48.4 36.8 55.2
57 16.3 13.2 19.8
100 8.1 6.5 9.7



#49
Dibromochloromethane
Concen: 4.91 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 129 Resp: 35302
Ion Ratio Lower Upper
129 100
127 80.4 52.4 97.4





#50

1,2-Dibromoethane

Concen: 4.98 ug/L

RT: 8.931 min Scan# 2361

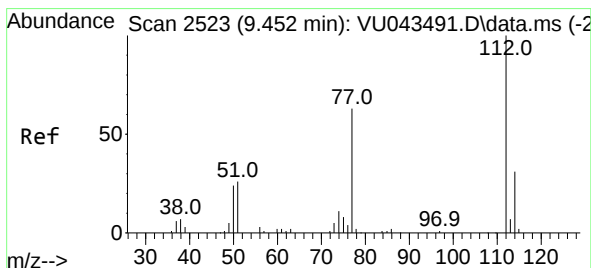
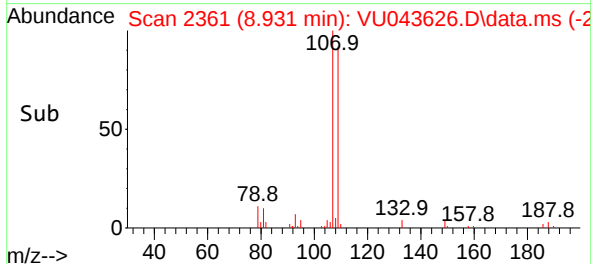
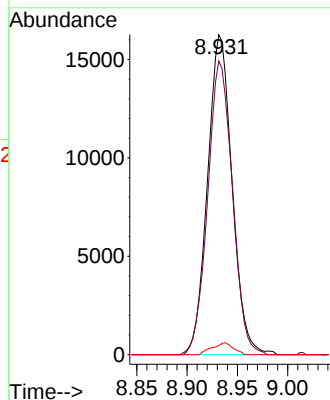
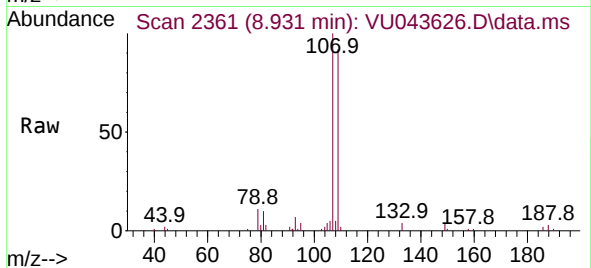
Delta R.T. 0.000 min

Lab File: VU043626.D

Acq: 10 May 2021 09:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	27551
Ion	Ratio	Lower	Upper
107	100		
109	91.8	67.6	125.6
188	2.8	2.6	3.8



#51

Chlorobenzene

Concen: 5.11 ug/L

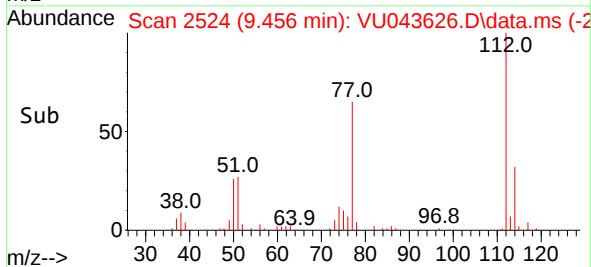
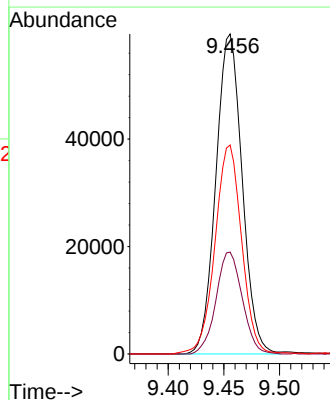
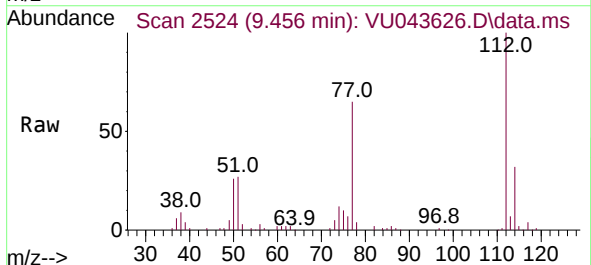
RT: 9.456 min Scan# 2524

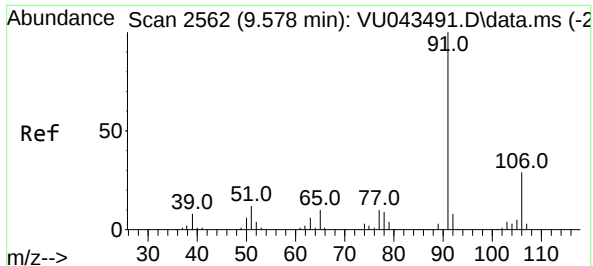
Delta R.T. 0.000 min

Lab File: VU043626.D

Acq: 10 May 2021 09:41

Tgt Ion:	112	Resp:	97933
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	65.3	51.0	76.4





#52

Ethylbenzene

Concen: 5.39 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU043626.D

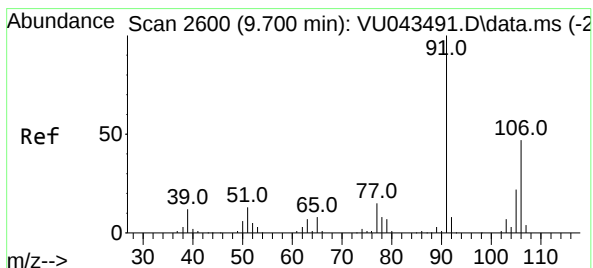
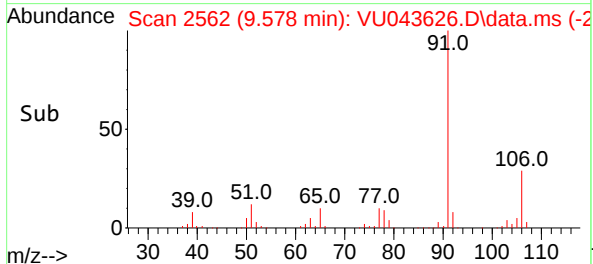
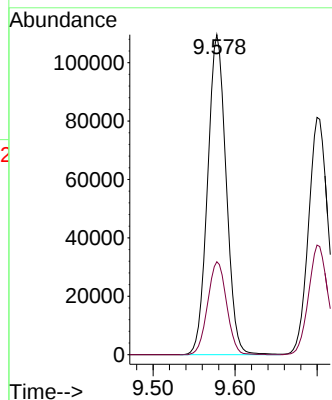
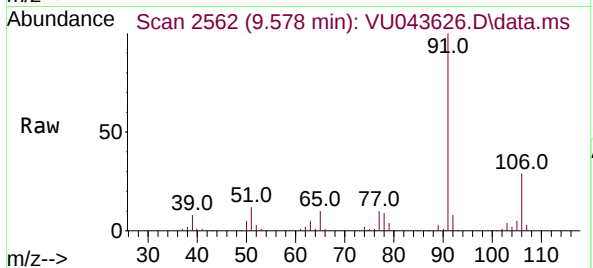
Acq: 10 May 2021 09:41

Tgt Ion: 91 Resp: 172353

Ion Ratio Lower Upper

91 100

106 29.1 20.5 38.1



#53

m,p-Xylene

Concen: 5.35 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU043626.D

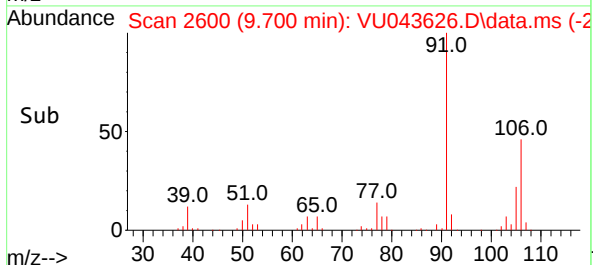
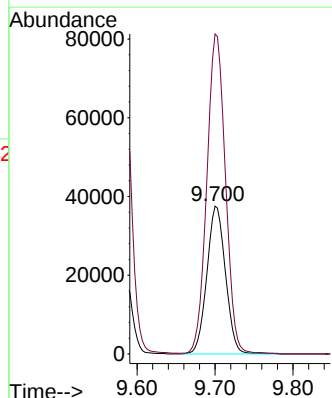
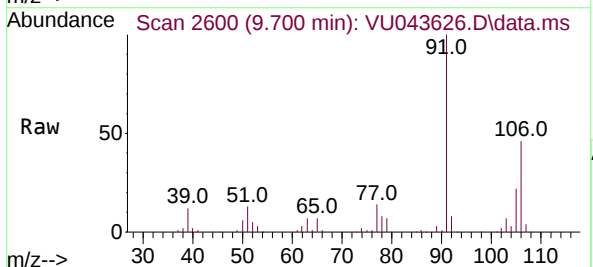
Acq: 10 May 2021 09:41

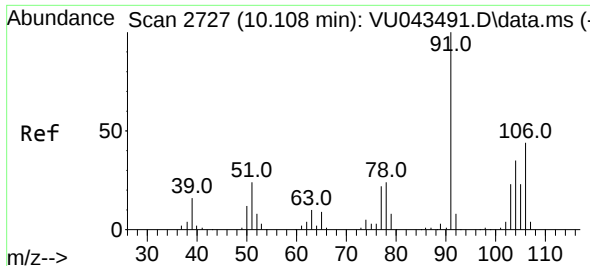
Tgt Ion: 106 Resp: 62195

Ion Ratio Lower Upper

106 100

91 216.5 150.3 279.1

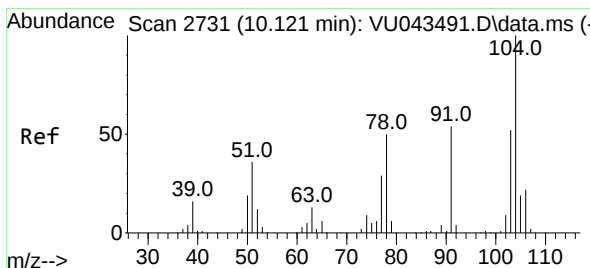
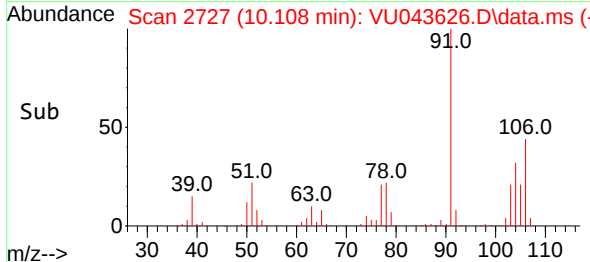
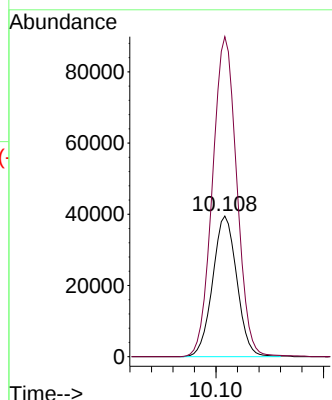
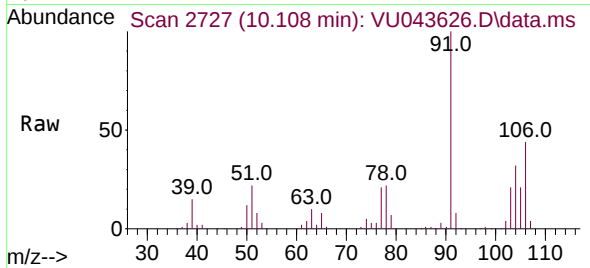




#54
o-Xylene
Concen: 5.47 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

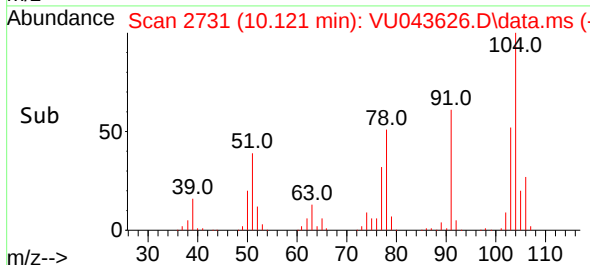
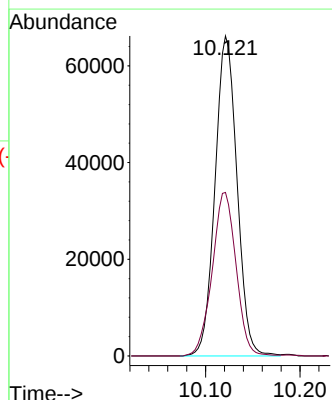
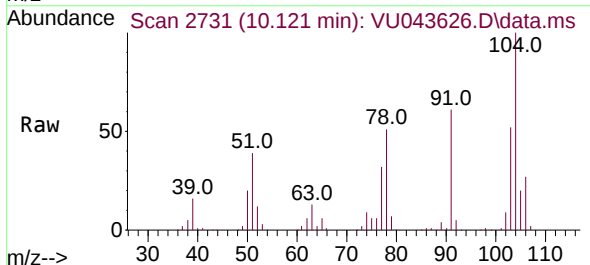
Instrument :
MSVOA_U
ClientSampleId :

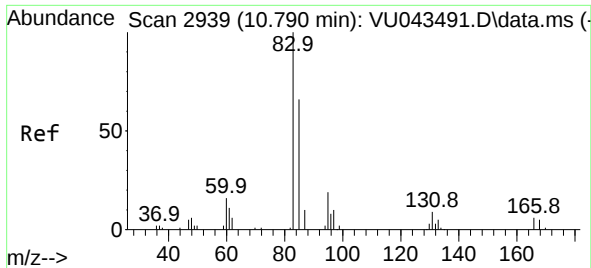
Tgt Ion:106 Resp: 61689
Ion Ratio Lower Upper
106 100
91 227.5 157.3 292.1



#55
Styrene
Concen: 5.40 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion:104 Resp: 106871
Ion Ratio Lower Upper
104 100
78 51.1 35.3 65.5

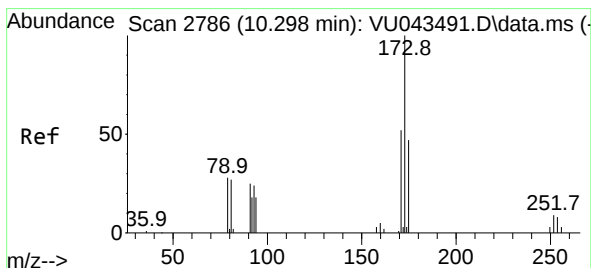
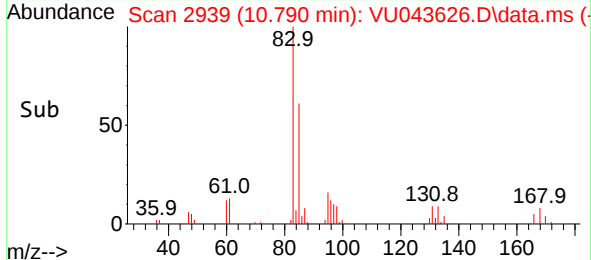
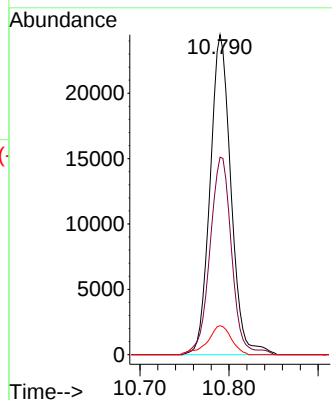
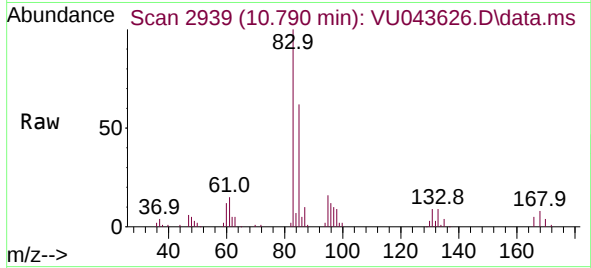




#57
1,1,2,2-Tetrachloroethane
Concen: 4.96 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

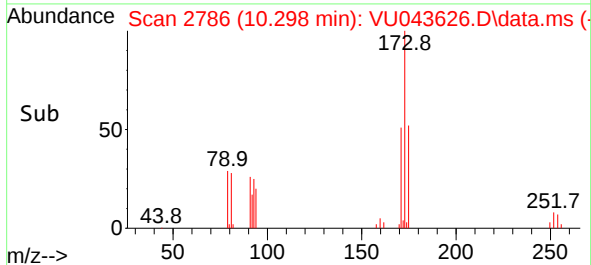
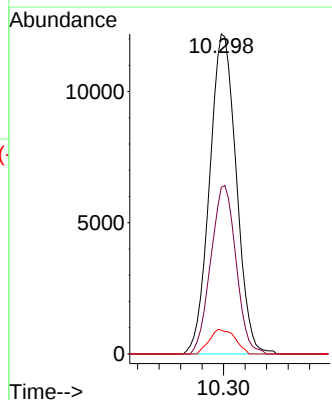
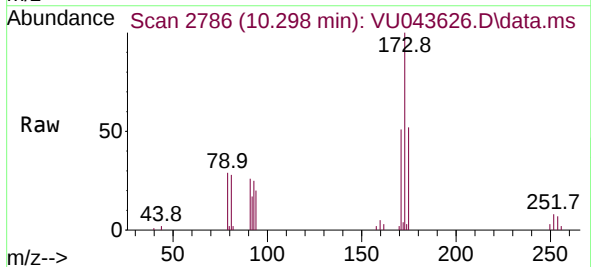
Instrument :
MSVOA_U
ClientSampleId :

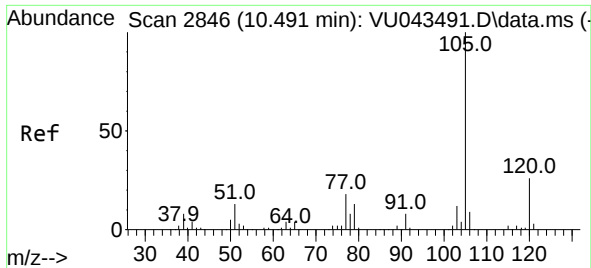
Tgt Ion: 83 Resp: 39762
Ion Ratio Lower Upper
83 100
85 61.7 42.6 79.0
131 9.0 7.4 11.2



#59
Bromoform
Concen: 5.10 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion:173 Resp: 21000
Ion Ratio Lower Upper
173 100
175 49.7 39.4 59.0
254 7.4 5.9 8.9

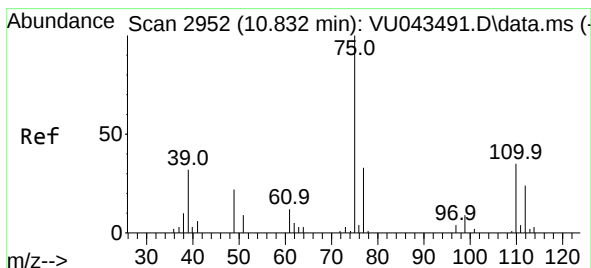
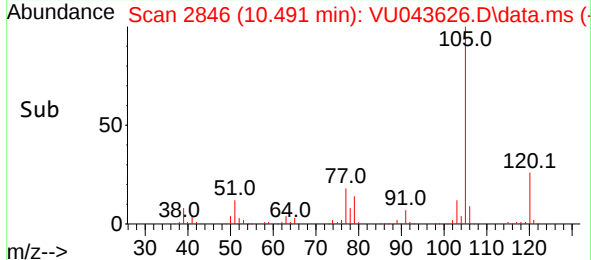
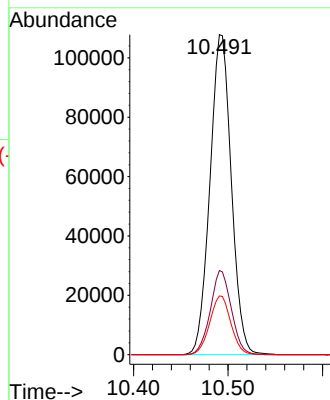
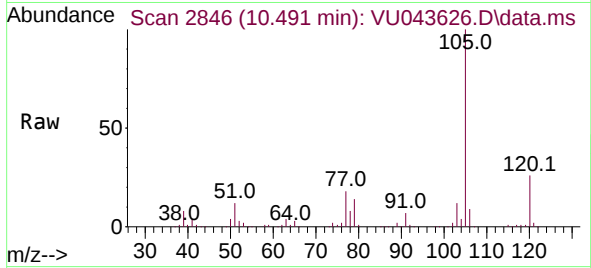




#60
Isopropylbenzene
Concen: 5.48 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

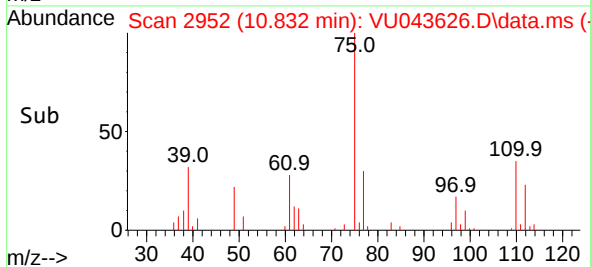
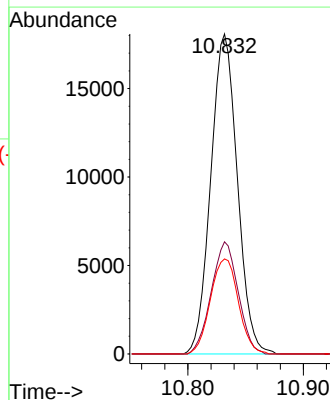
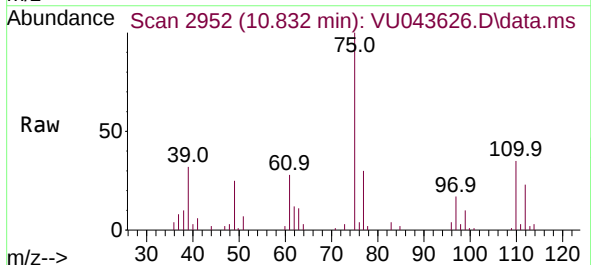
Instrument :
MSVOA_U
ClientSampled :

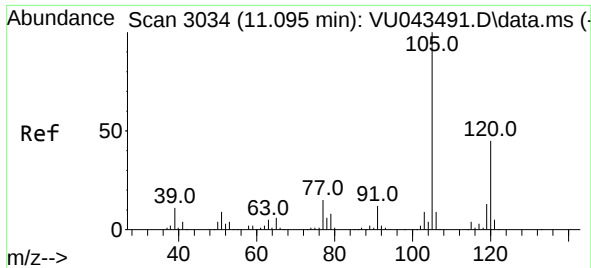
Tgt Ion:105 Resp: 169191
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6
77 18.1 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 5.04 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion: 75 Resp: 28884
Ion Ratio Lower Upper
75 100
110 35.4 28.6 42.8
77 31.3 25.7 38.5

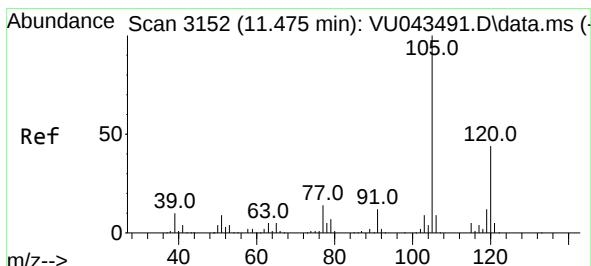
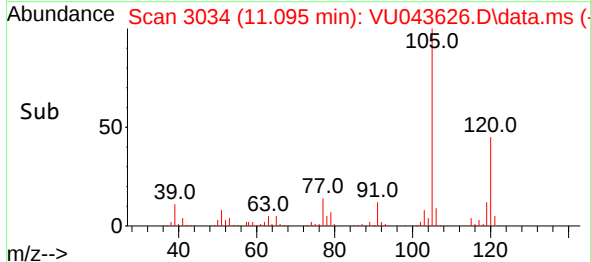
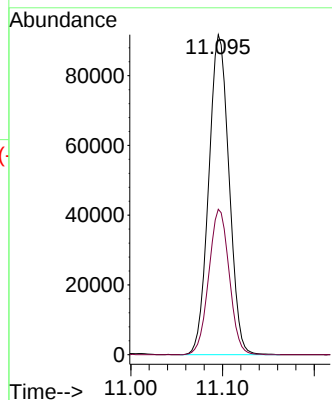
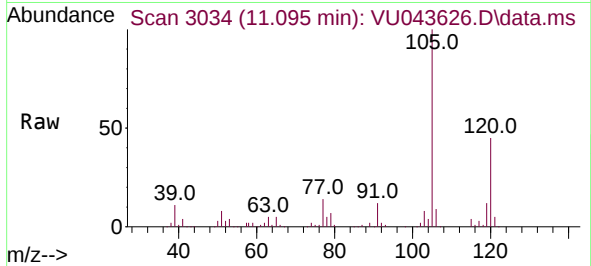




#62
1,3,5-Trimethylbenzene
Concen: 5.82 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

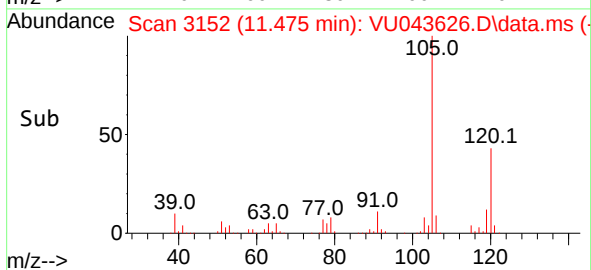
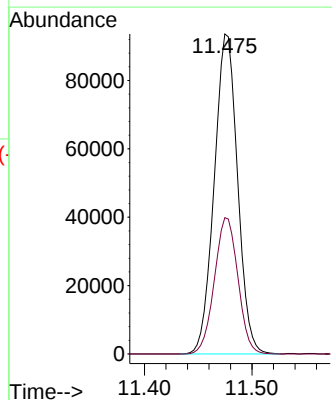
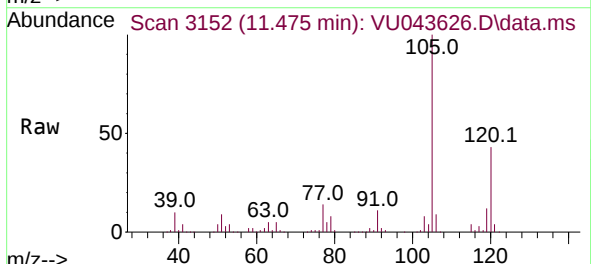
Instrument :
MSVOA_U
ClientSampleId :

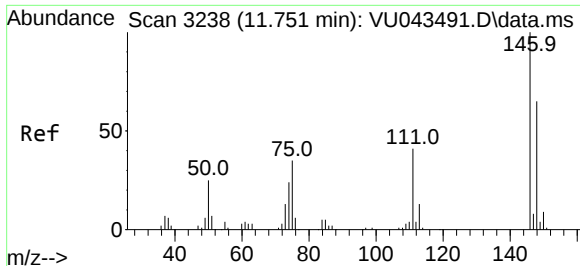
Tgt Ion:105 Resp: 141165
Ion Ratio Lower Upper
105 100
120 45.7 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.81 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion:105 Resp: 141113
Ion Ratio Lower Upper
105 100
120 42.8 35.4 53.0

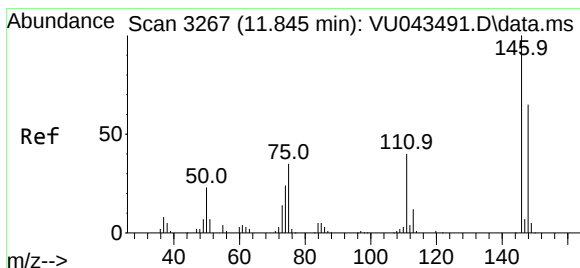
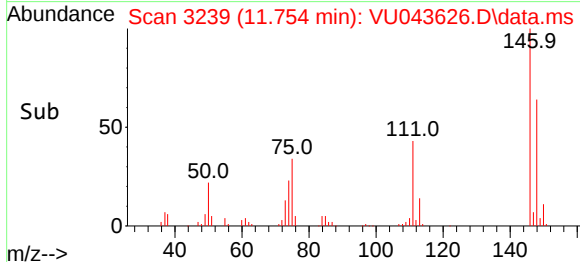
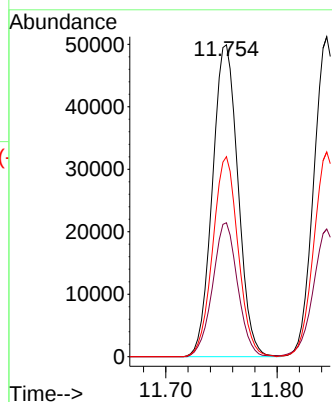
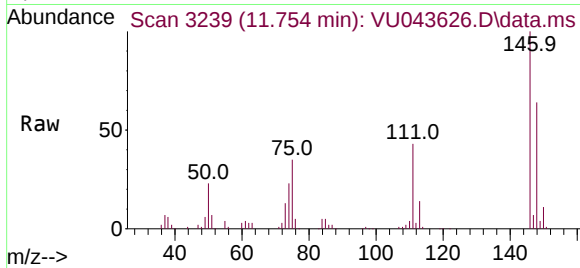




#64
1,3-Dichlorobenzene
Concen: 5.22 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

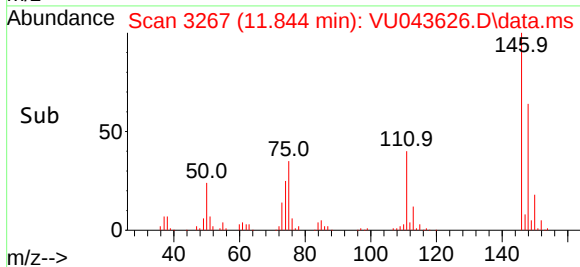
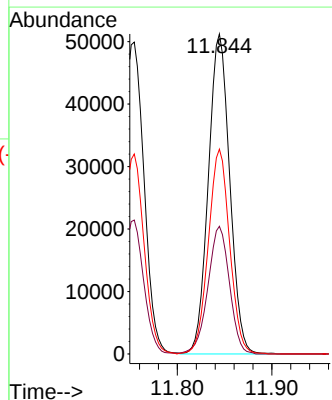
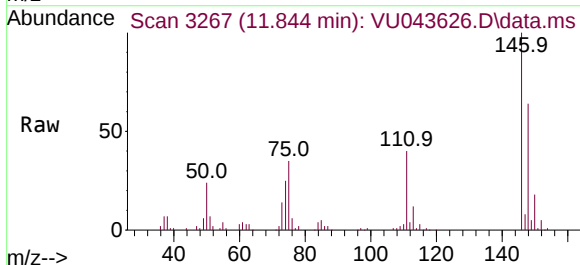
Instrument :
MSVOA_U
ClientSampleId :

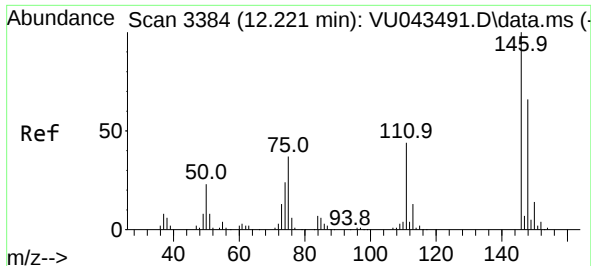
Tgt Ion:146 Resp: 79780
Ion Ratio Lower Upper
146 100
111 42.9 28.9 53.7
148 64.2 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.12 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

Tgt Ion:146 Resp: 80423
Ion Ratio Lower Upper
146 100
111 39.9 27.6 51.2
148 64.0 44.6 82.8

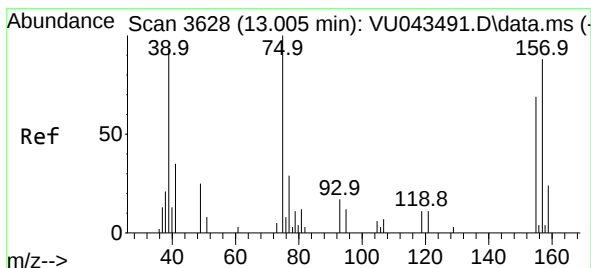
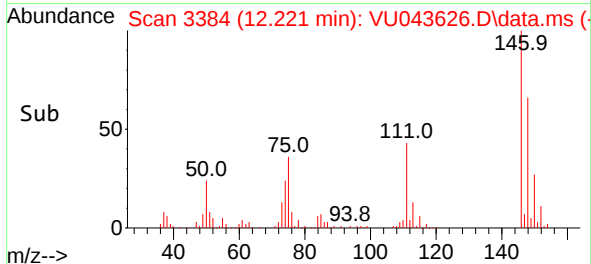
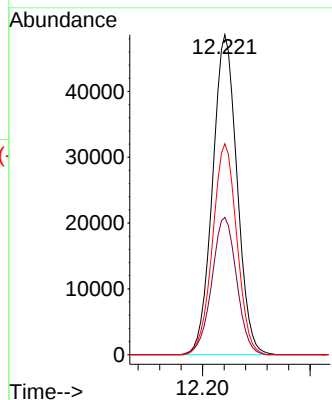
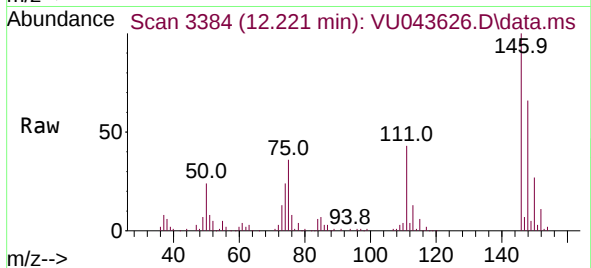




#67
1,2-Dichlorobenzene
Concen: 4.99 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

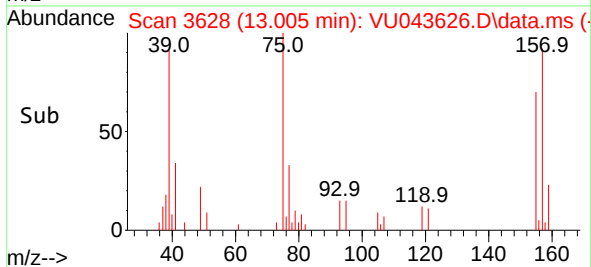
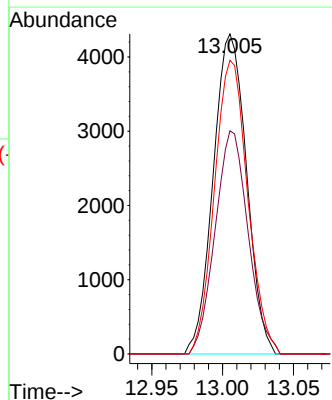
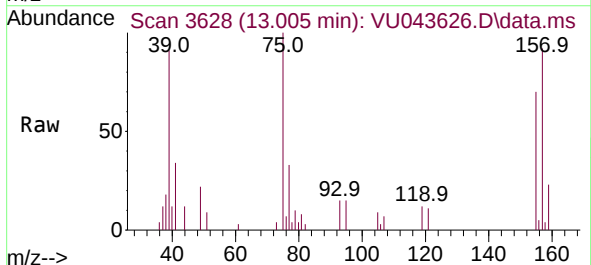
Instrument :
MSVOA_U
ClientSampled :

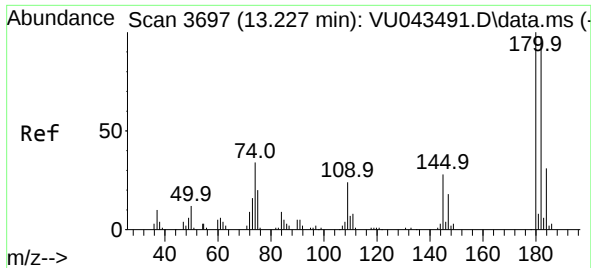
Tgt Ion:146 Resp: 76780
Ion Ratio Lower Upper
146 100
111 42.9 32.6 49.0
148 65.9 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.16 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

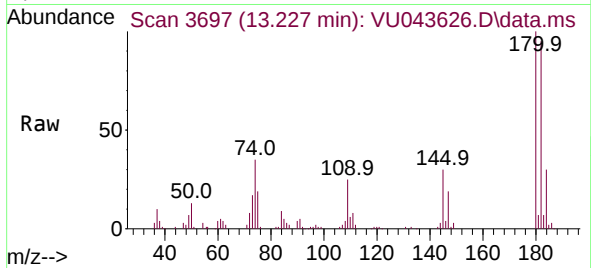
Tgt Ion: 75 Resp: 7049
Ion Ratio Lower Upper
75 100
155 69.7 57.8 86.6
157 91.8 68.5 102.7





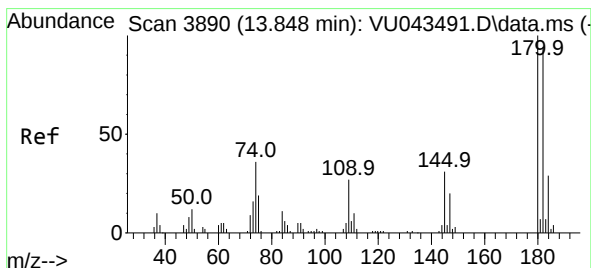
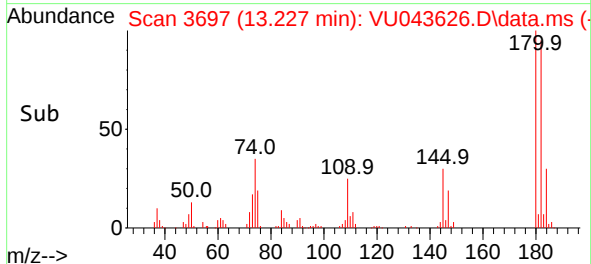
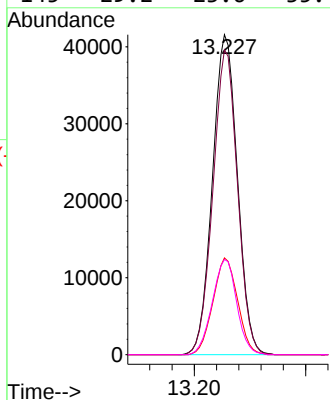
#69
 1,3,5-Trichlorobenzene
 Concen: 5.34 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41

Instrument :
 MSVOA_U
 ClientSampled :

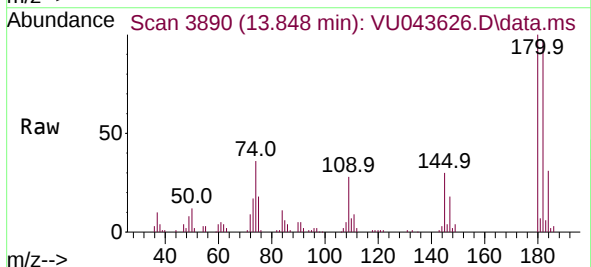


Tgt Ion:180 Resp: 64596

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.0	114.0
184	29.9	24.1	36.1
145	29.2	23.6	35.4

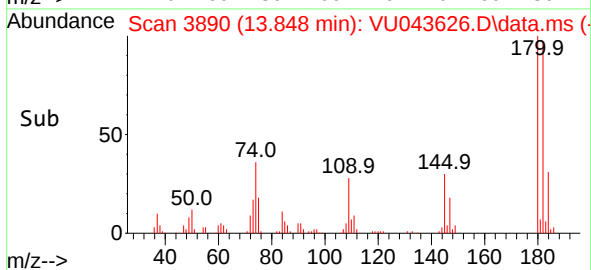
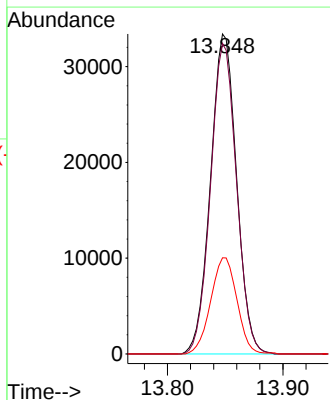


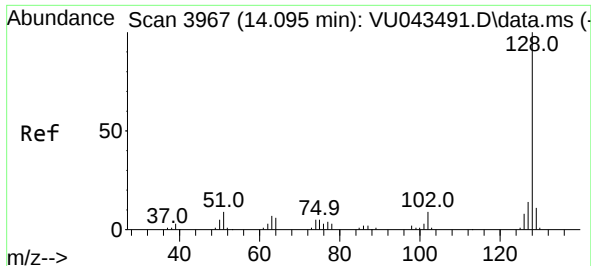
#70
 1,2,4-trichlorobenzene
 Concen: 5.25 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043626.D
 Acq: 10 May 2021 09:41



Tgt Ion:180 Resp: 52363

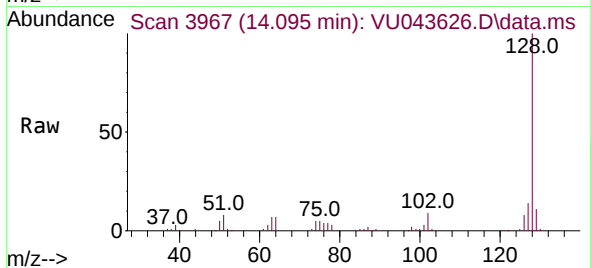
Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.9	113.9
145	30.4	24.6	37.0



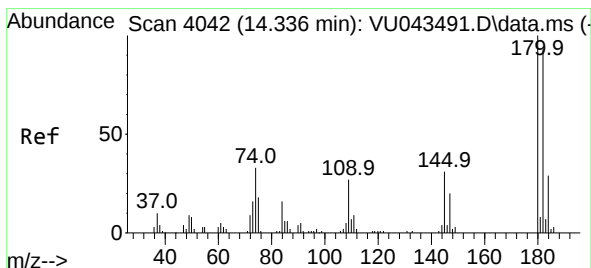
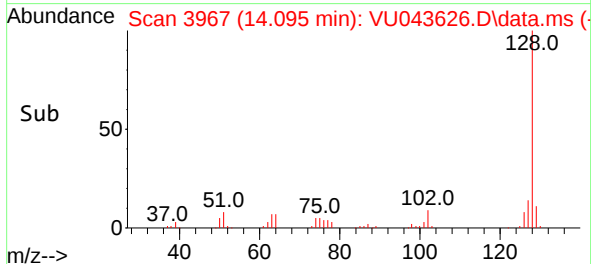
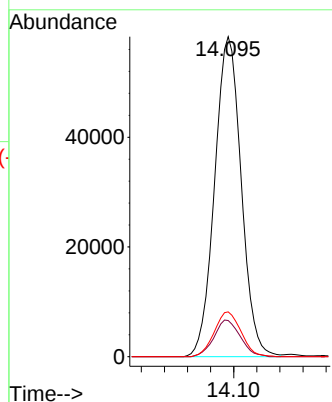


#71
Naphthalene
Concen: 5.42 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41

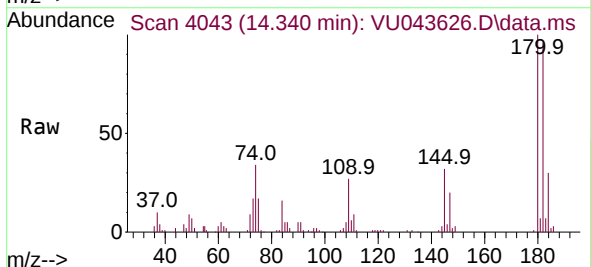
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 93237
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 14.1 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.25 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043626.D
Acq: 10 May 2021 09:41



Tgt Ion:180 Resp: 49170
Ion Ratio Lower Upper
180 100
182 96.7 75.7 113.5
145 31.5 25.7 38.5

