

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042259.D
 Acq On : 04 Feb 2021 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 02:19:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 05:34:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	101670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	95700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52269	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29248	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.919	69	25211	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.575	63	74092	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.60%
20) 2-Butanone-d5	4.642	46	93287	38.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.96%
24) Chloroform-d	5.073	84	69850	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.713	65	42020	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.736	84	125876	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	41693	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.906	98	119843	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloroprop...	8.189	79	18278	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.646	63	91091	51.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroeth...	10.768	84	35829	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.202	152	48018	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	41040	4.29	ug/L	100
3) Chloromethane	1.524	50	36548	4.28	ug/L	98
5) Vinyl chloride	1.607	62	38130	4.66	ug/L	99
6) Bromomethane	1.864	94	20910	4.32	ug/L	97
8) Chloroethane	1.942	64	22303	4.70	ug/L	100
9) Trichlorofluoromethane	2.144	101	58864	5.31	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37079	5.17	ug/L	99
12) 1,1-Dichloroethene	2.588	96	32712	4.75	ug/L	89
13) Acetone	2.652	43	59933	37.60	ug/L	99
14) Carbon disulfide	2.803	76	99735	4.36	ug/L	99
15) Methyl Acetate	2.961	43	15887	4.22	ug/L	96
16) Methylene chloride	3.054	84	35639	4.39	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	94607	4.74	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	33323	4.55	ug/L	90
19) 1,1-Dichloroethane	3.880	63	68411	5.05	ug/L	99
21) 2-Butanone	4.726	43	105694	39.58	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	36955	4.73	ug/L	95
23) Bromochloromethane	4.987	128	18049	5.00	ug/L	95
25) Chloroform	5.099	83	70630	5.05	ug/L	98

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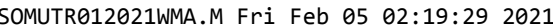
Quant Time: Feb 05 02:19:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 05:34:35 2021
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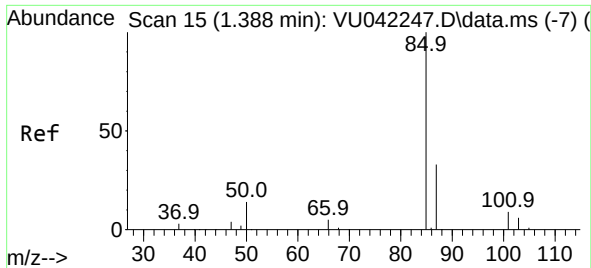
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.806	62	53748	5.42	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	63318	5.02	ug/L	97
30) Cyclohexane	5.398	56	64207	4.74	ug/L	98
31) Carbon tetrachloride	5.536	117	55022	4.95	ug/L	98
33) Benzene	5.784	78	139760	4.96	ug/L	100
34) Trichloroethene	6.549	95	39362	5.18	ug/L	94
35) Methylcyclohexane	6.774	83	60955	4.78	ug/L	98
37) 1,2-Dichloropropane	6.800	63	38507	5.19	ug/L	98
38) Bromodichloromethane	7.115	83	51529	5.03	ug/L	96
39) cis-1,3-Dichloropropene	7.617	75	59117	4.85	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	339005	53.44	ug/L	97
42) Toluene	7.977	91	153766	5.04	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	53392	4.78	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	28173	5.13	ug/L	96
47) Tetrachloroethene	8.562	164	31234	4.95	ug/L	98
48) 2-Hexanone	8.697	43	251988	57.13	ug/L	96
49) Dibromochloromethane	8.819	129	36373	4.98	ug/L	94
50) 1,2-Dibromoethane	8.932	107	28678	5.06	ug/L #	99
51) Chlorobenzene	9.456	112	97047	4.98	ug/L	98
52) Ethylbenzene	9.578	91	173774	4.97	ug/L	98
53) m,p-Xylene	9.703	106	64257	4.91	ug/L	99
54) o-Xylene	10.108	106	63205	4.98	ug/L	96
55) Styrene	10.125	104	107536	4.92	ug/L	99
56) Isopropylbenzene	10.491	105	173790	4.96	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37163	5.30	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	28572	5.46	ug/L	97
61) Bromoform	10.301	173	22477	4.76	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	81353	4.99	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	81685	5.01	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	80529	5.31	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	7174	5.30	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	69057	5.29	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	57776	5.60	ug/L	98
69) Naphthalene	14.095	128	95963	6.35	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	53005	5.80	ug/L	99

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

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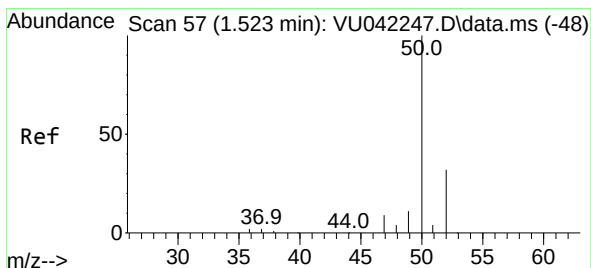
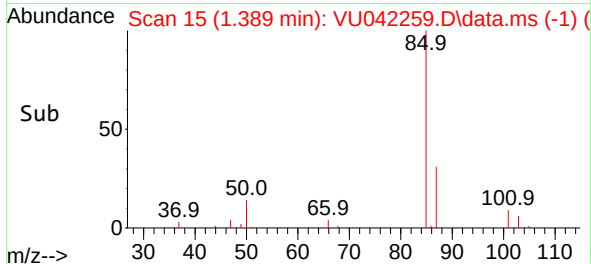
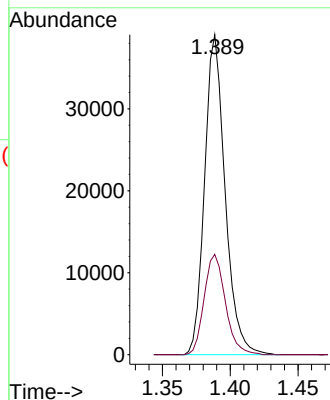
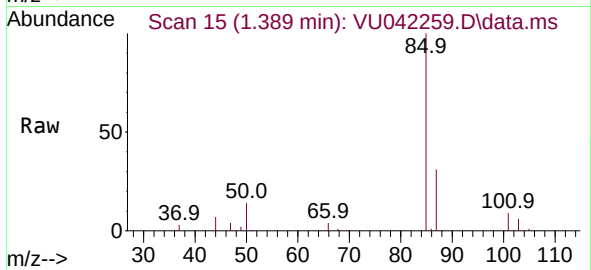




#2
Dichlorodifluoromethane
Concen: 4.29 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

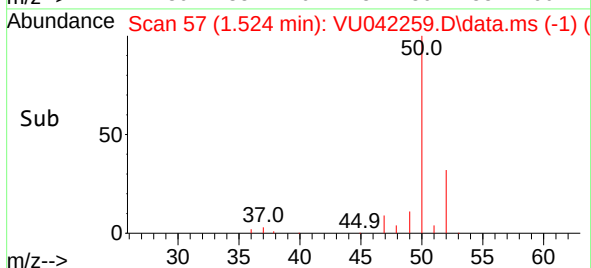
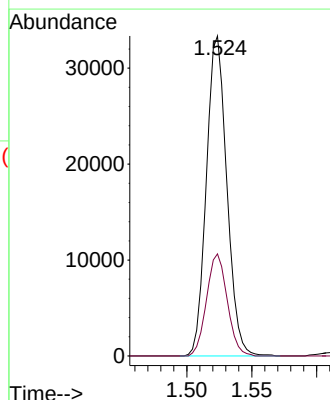
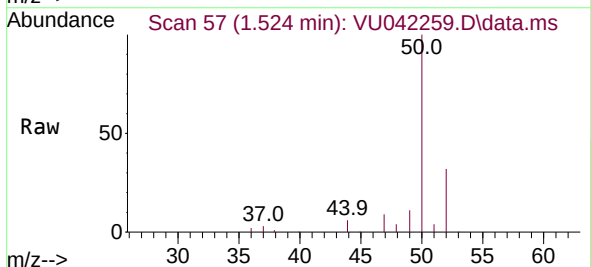
Instrument :
MSVOA_U
ClientSampleId :

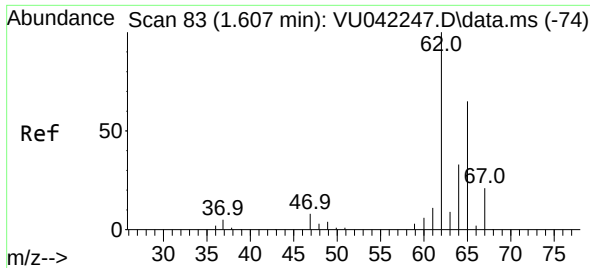
Tgt Ion: 85 Resp: 41040
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 4.28 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 50 Resp: 36548
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.8

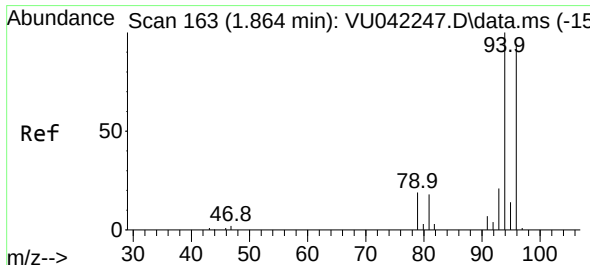
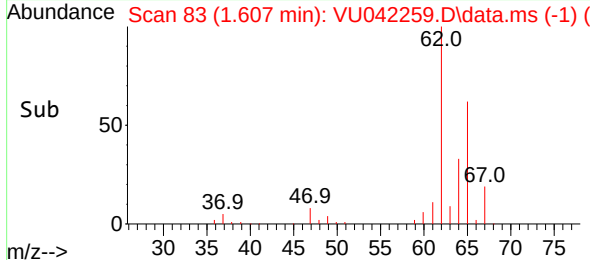
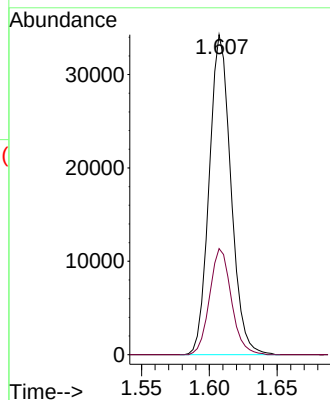
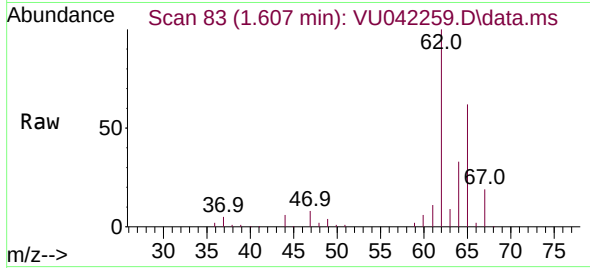




#5
 Vinyl chloride
 Concen: 4.66 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042259.D
 Acq: 04 Feb 2021 09:50

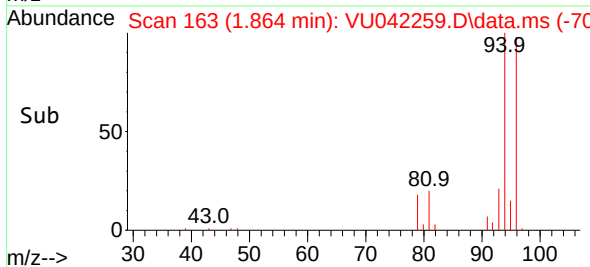
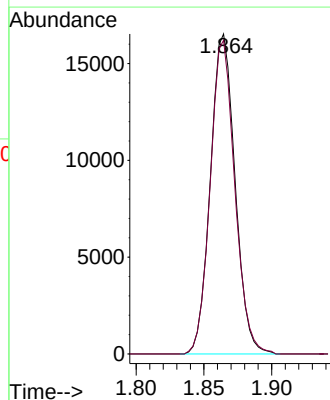
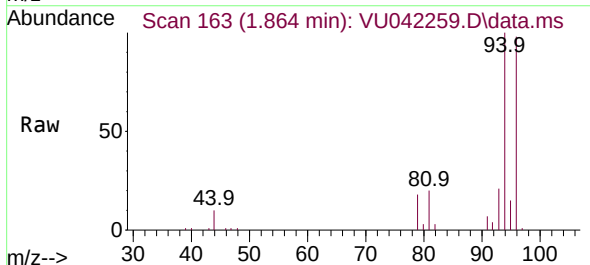
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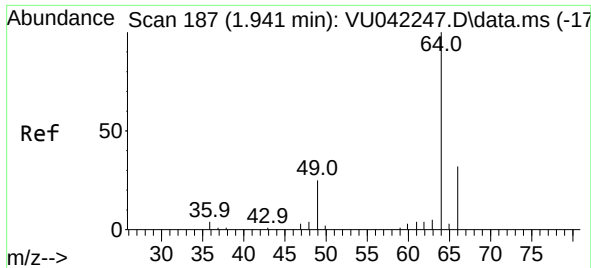
Tgt Ion: 62 Resp: 38130
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.1



#6
 Bromomethane
 Concen: 4.32 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042259.D
 Acq: 04 Feb 2021 09:50

Tgt Ion: 94 Resp: 20910
 Ion Ratio Lower Upper
 94 100
 96 98.0 66.5 123.5

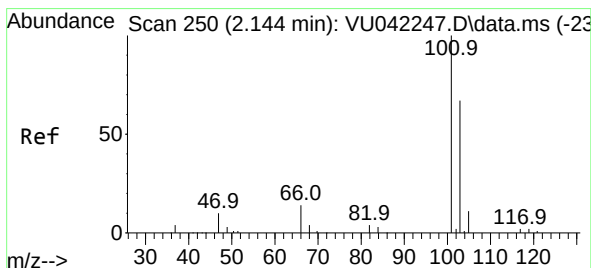
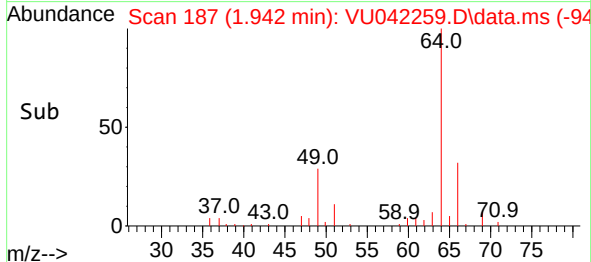
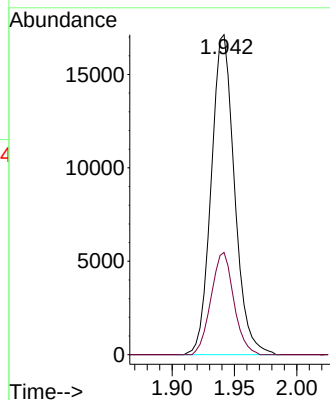
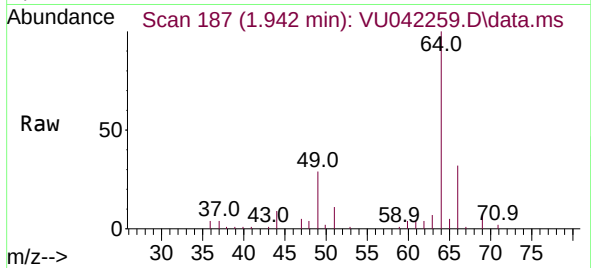




#8
Chloroethane
Concen: 4.70 ug/L
RT: 1.942 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

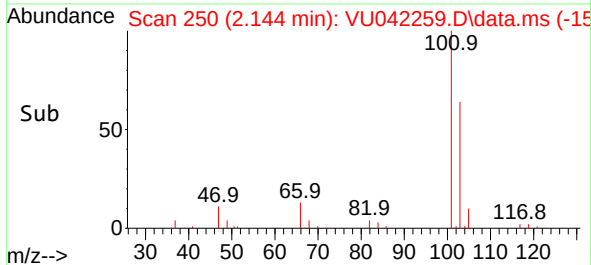
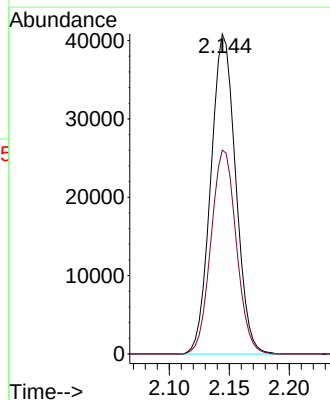
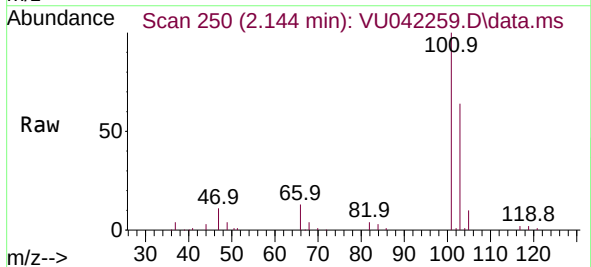
Instrument :
MSVOA_U
ClientSampled :

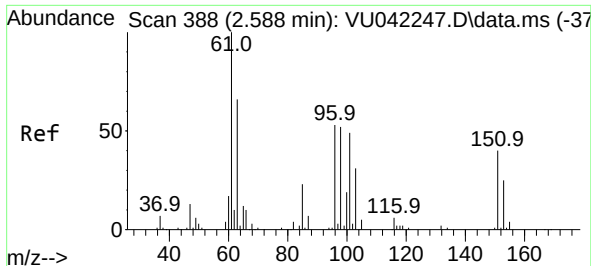
Tgt Ion: 64 Resp: 22303
Ion Ratio Lower Upper
64 100
66 32.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.31 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:101 Resp: 58864
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

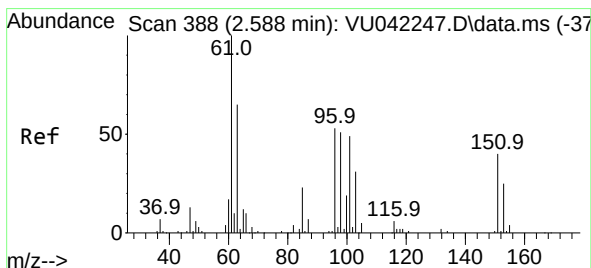
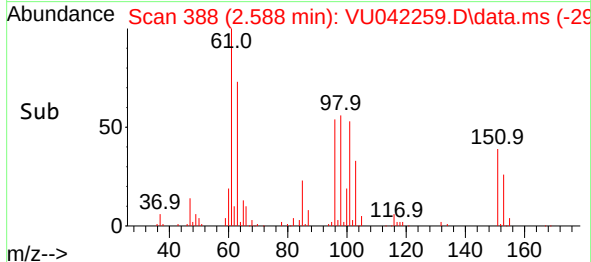
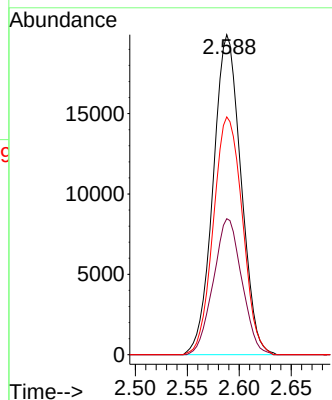
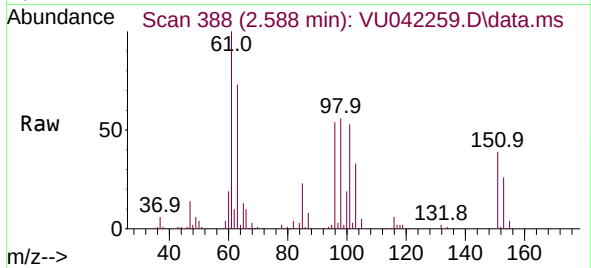




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.17 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

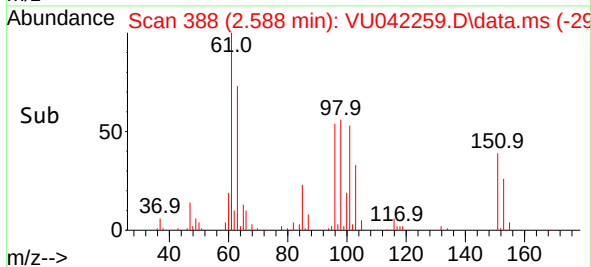
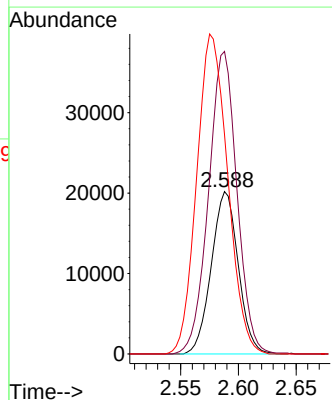
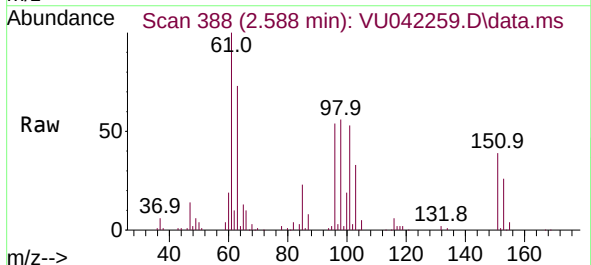
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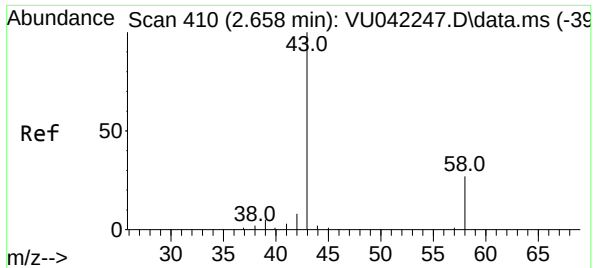
Tgt Ion:101 Resp: 37079
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 77.5 62.7 94.1



#12
1,1-Dichloroethene
Concen: 4.75 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 96 Resp: 32712
Ion Ratio Lower Upper
96 100
61 186.3 126.2 234.4
63 135.1 77.8 144.4

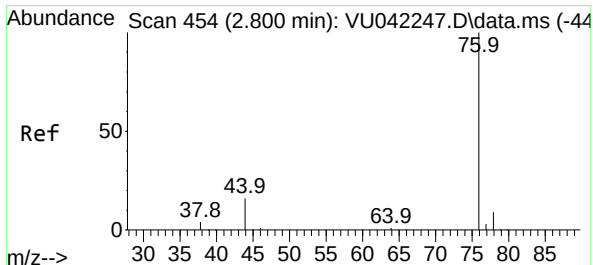
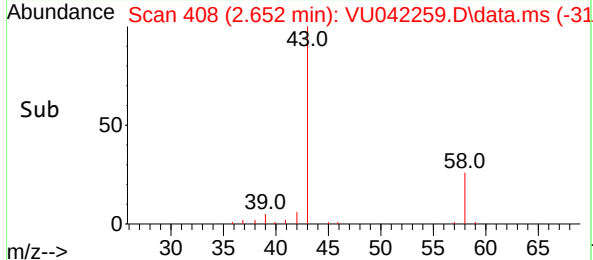
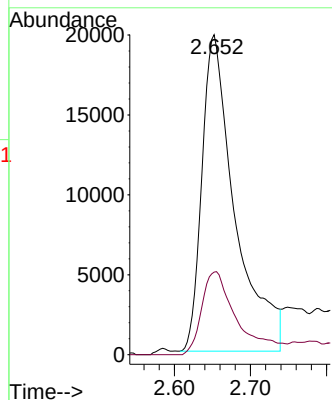
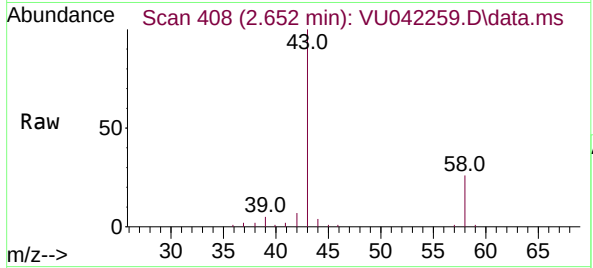




#13
Acetone
Concen: 37.60 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.006 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

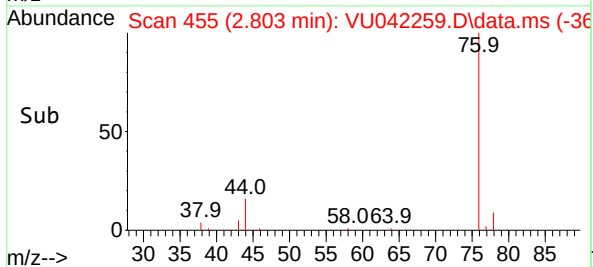
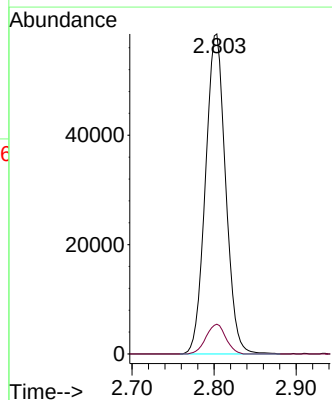
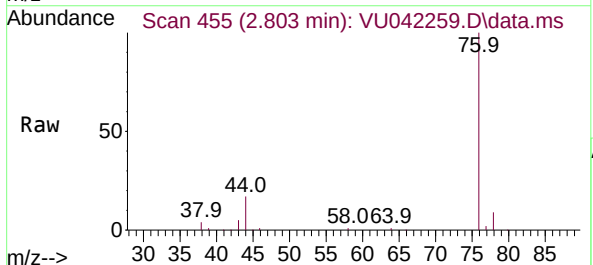
Instrument :
MSVOA_U
ClientSampleId :

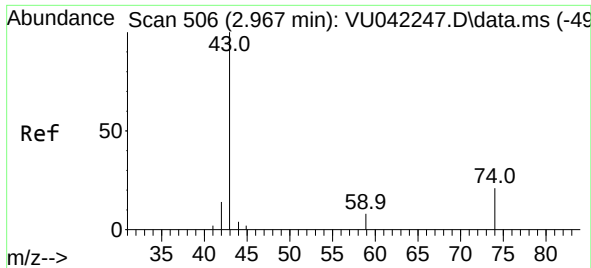
Tgt Ion: 43 Resp: 59933
Ion Ratio Lower Upper
43 100
58 28.4 0.0 55.8



#14
Carbon disulfide
Concen: 4.36 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.004 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 76 Resp: 99735
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

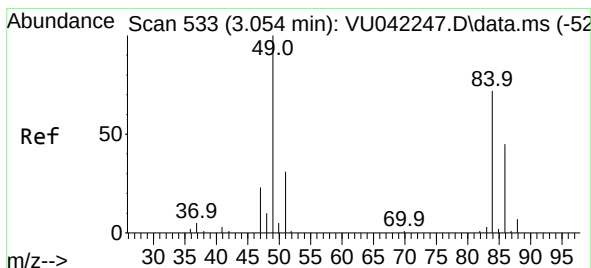
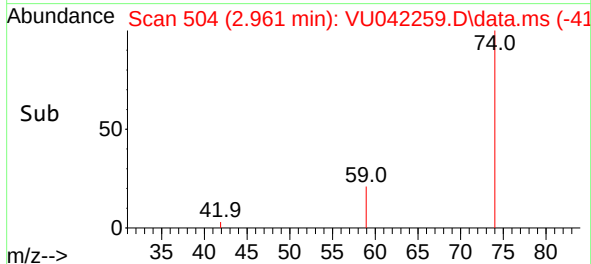
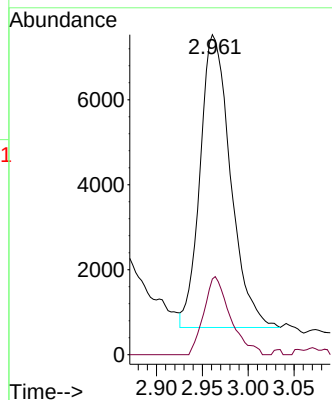
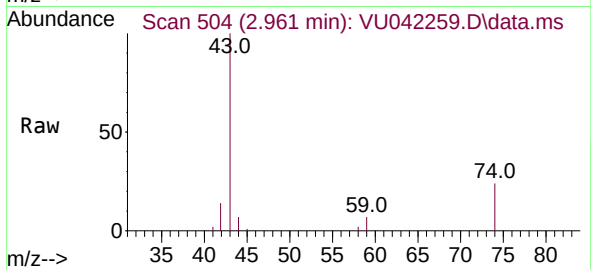




#15
Methyl Acetate
Concen: 4.22 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.006 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

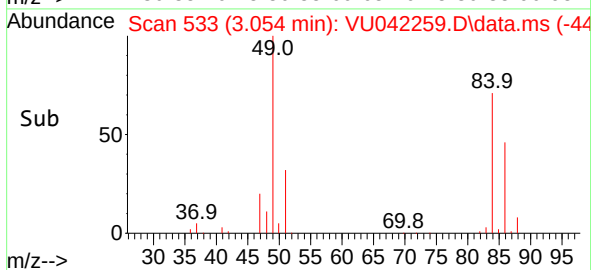
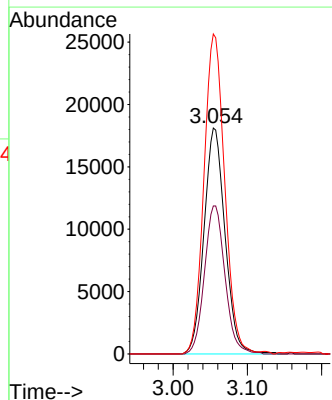
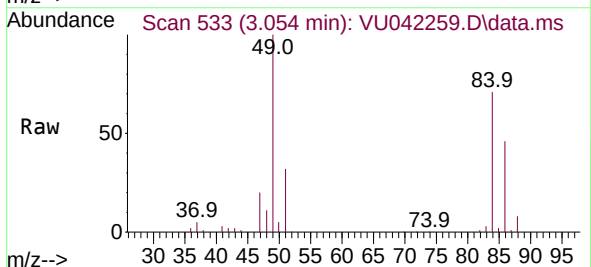
Instrument :
MSVOA_U
ClientSampleId :

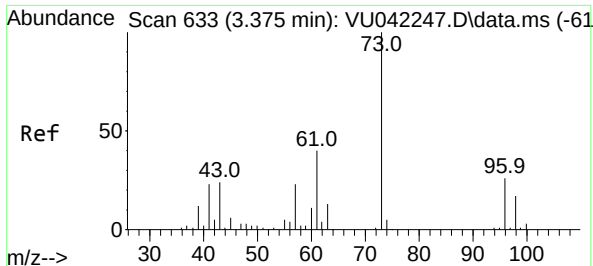
Tgt Ion: 43 Resp: 15887
Ion Ratio Lower Upper
43 100
74 23.1 16.9 25.3



#16
Methylene chloride
Concen: 4.39 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 84 Resp: 35639
Ion Ratio Lower Upper
84 100
86 65.5 44.1 81.9
49 141.7 95.0 176.4



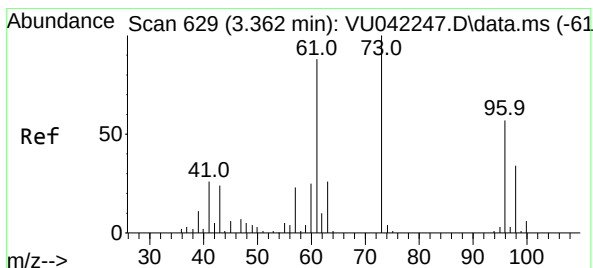
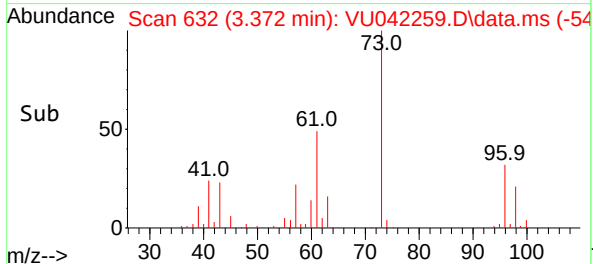
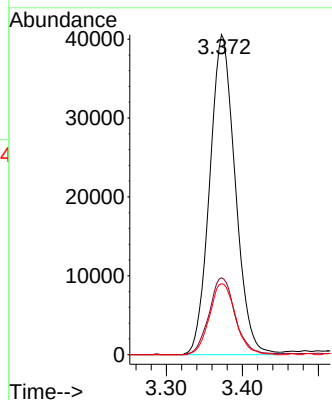
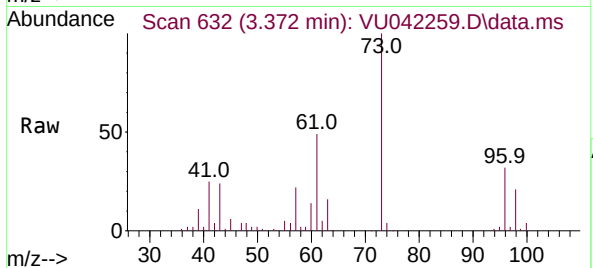


#17

Methyl tert-butyl Ether
Concen: 4.74 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Instrument :
MSVOA_U
ClientSampleId :

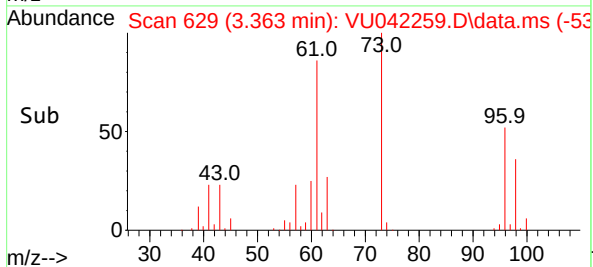
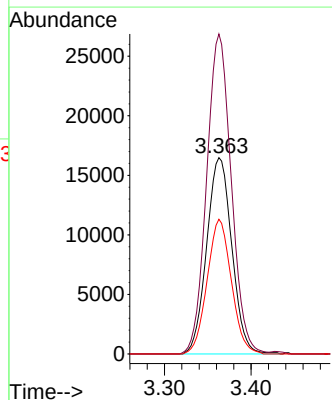
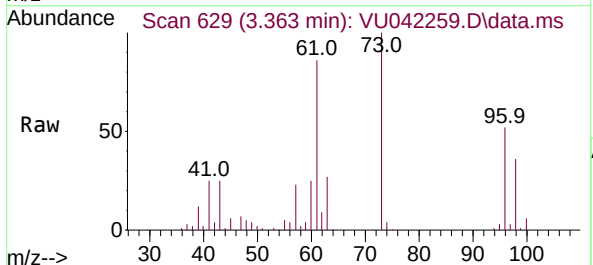
Tgt Ion: 73	Resp: 94607
Ion Ratio	Lower Upper
73 100	
43 24.6	18.9 28.3
57 22.6	18.2 27.4

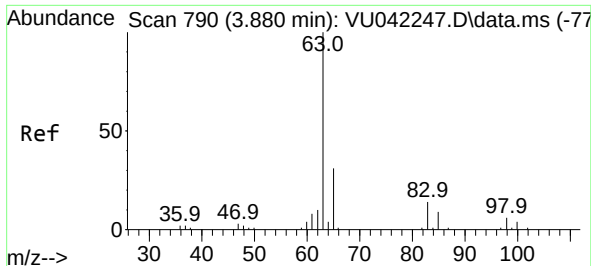


#18

trans-1,2-Dichloroethene
Concen: 4.55 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 96	Resp: 33323
Ion Ratio	Lower Upper
96 100	
61 163.1	105.7 196.3
98 68.6	42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.05 ug/L

RT: 3.880 min Scan# 790

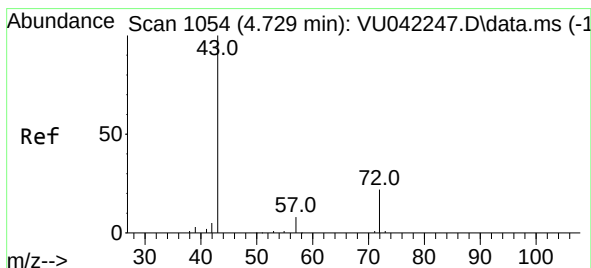
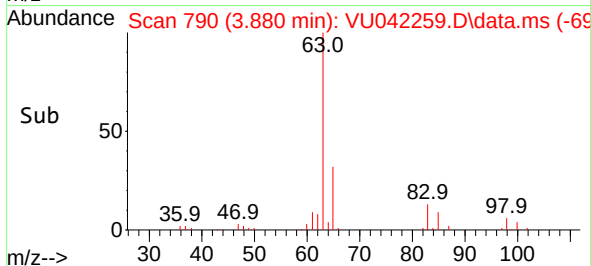
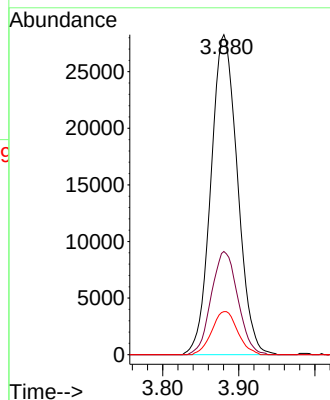
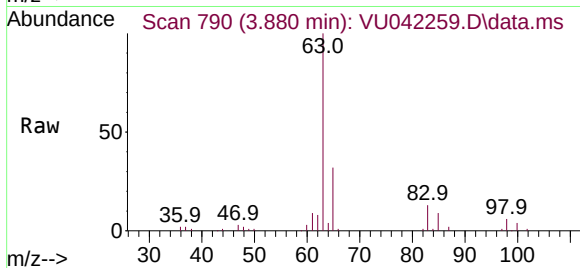
Delta R.T. 0.000 min

Lab File: VU042259.D

Acq: 04 Feb 2021 09:50

Tgt Ion:	63	Resp:	68411
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.5	41.9
83	13.4	10.1	18.7

Instrument :
MSVOA_U
ClientSampled :



#21

2-Butanone

Concen: 39.58 ug/L

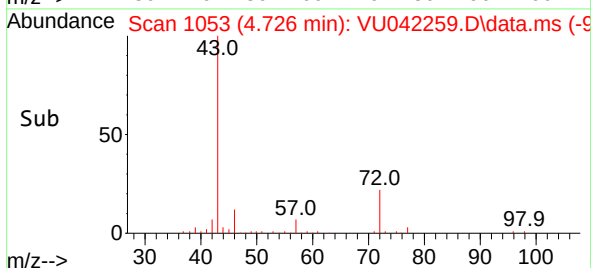
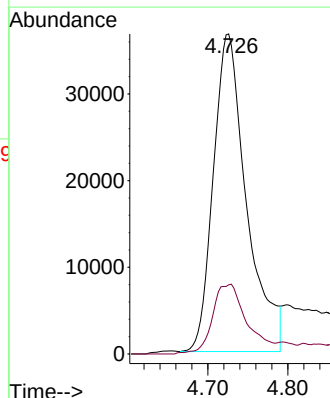
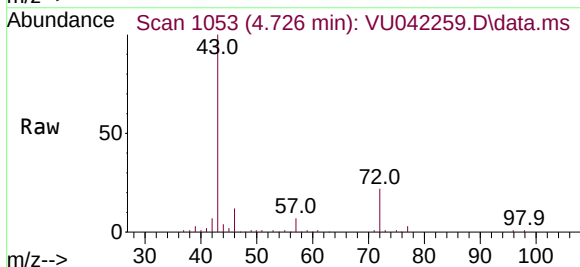
RT: 4.726 min Scan# 1053

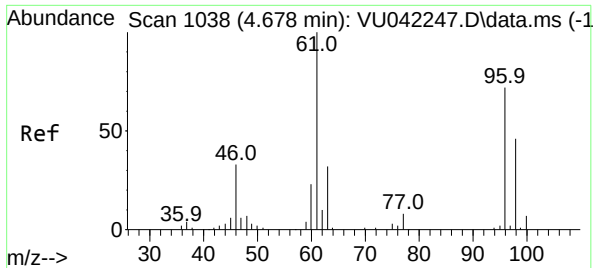
Delta R.T. -0.003 min

Lab File: VU042259.D

Acq: 04 Feb 2021 09:50

Tgt Ion:	43	Resp:	105694
Ion	Ratio	Lower	Upper
43	100		
72	22.8	11.7	35.1

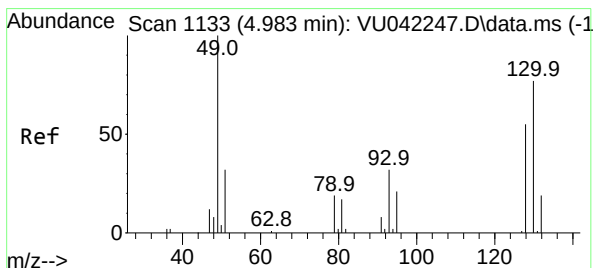
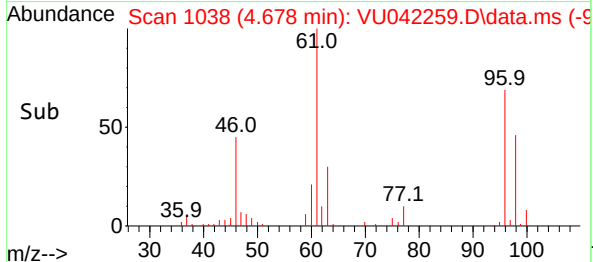
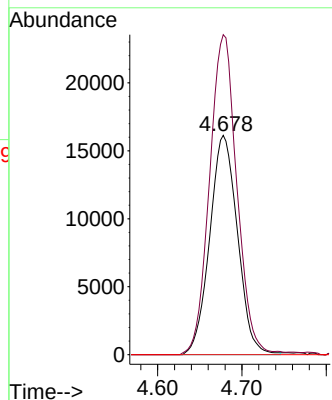
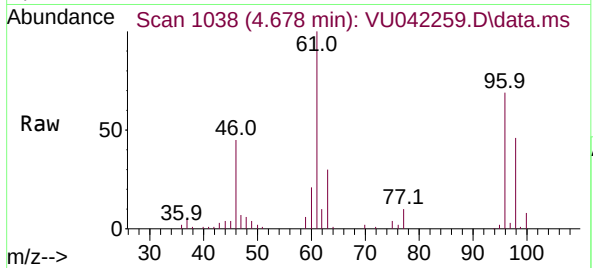




#22
 cis-1,2-Dichloroethene
 Concen: 4.73 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU042259.D
 Acq: 04 Feb 2021 09:50

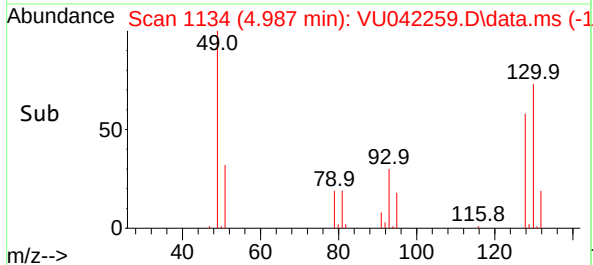
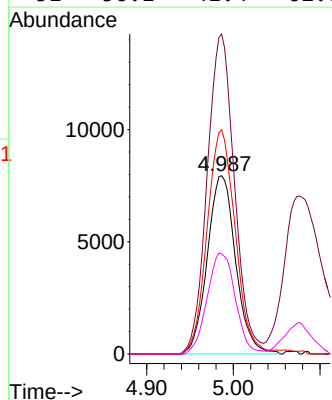
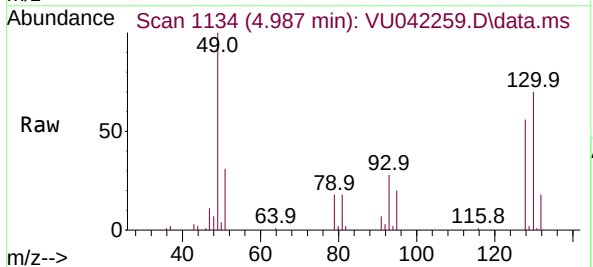
Instrument :
 MSVOA_U
 ClientSampleId :

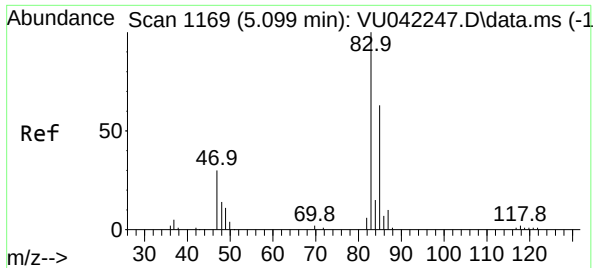
Tgt Ion: 96 Resp: 36955
 Ion Ratio Lower Upper
 96 100
 61 145.9 97.8 181.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.00 ug/L
 RT: 4.987 min Scan# 1134
 Delta R.T. 0.004 min
 Lab File: VU042259.D
 Acq: 04 Feb 2021 09:50

Tgt Ion:128 Resp: 18049
 Ion Ratio Lower Upper
 128 100
 49 179.6 117.7 218.7
 130 125.8 87.9 163.3
 51 56.1 41.4 62.0



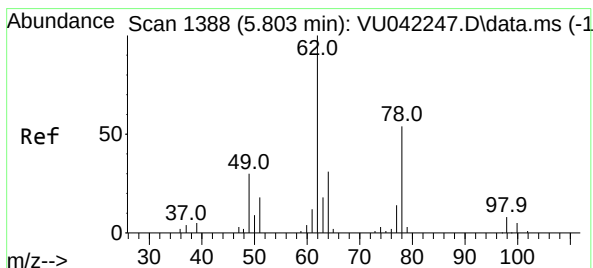
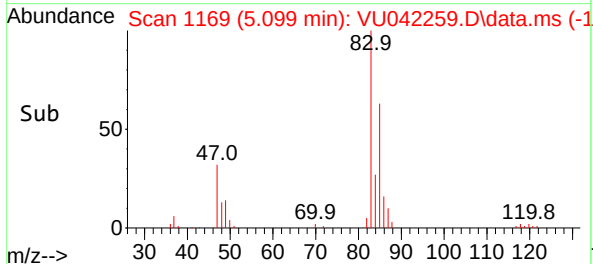
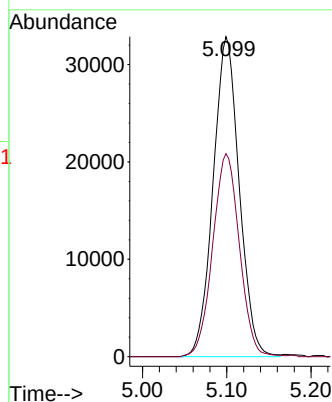
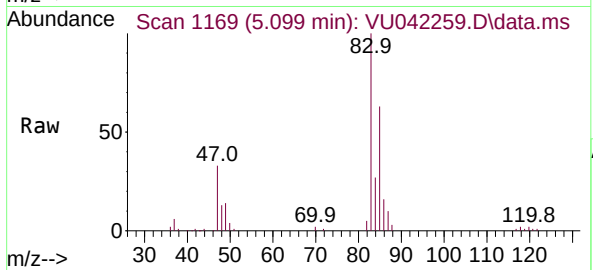


#25

Chloroform
Concen: 5.05 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Instrument :
MSVOA_U
ClientSampleId :

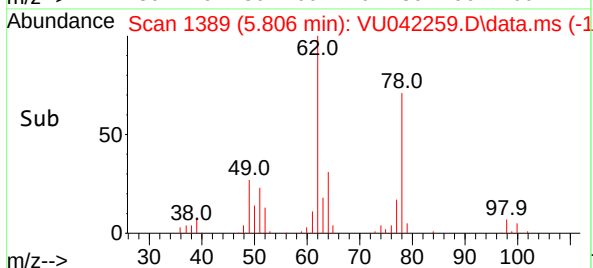
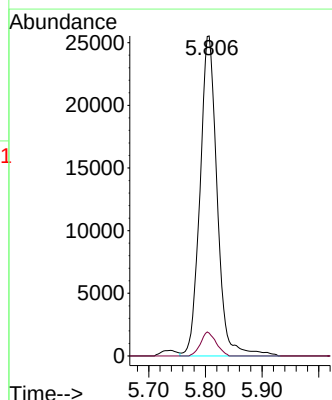
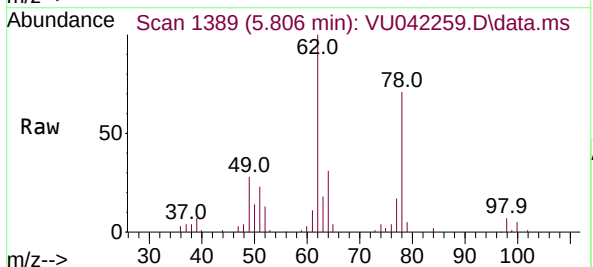
Tgt Ion: 83 Resp: 70630
Ion Ratio Lower Upper
83 100
85 63.4 45.7 84.9

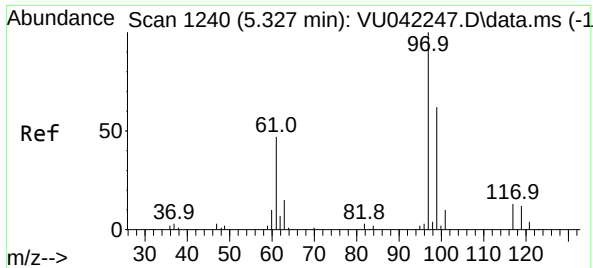


#27

1,2-Dichloroethane
Concen: 5.42 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.004 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 62 Resp: 53748
Ion Ratio Lower Upper
62 100
98 7.2 7.3 10.9#

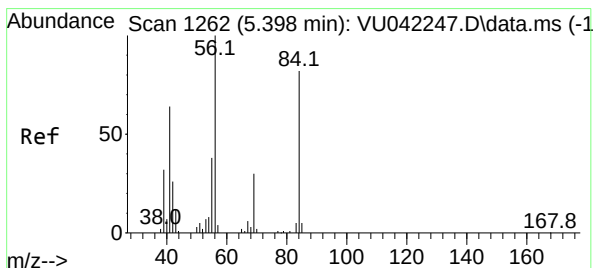
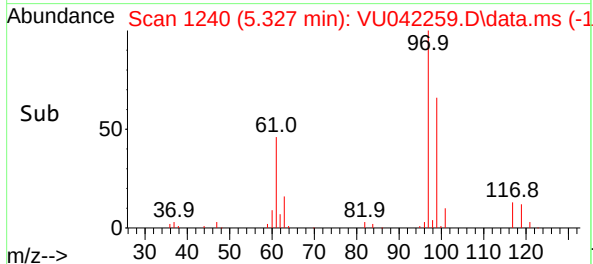
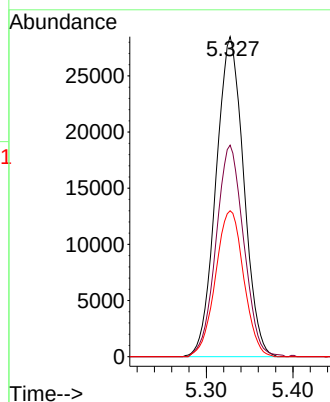
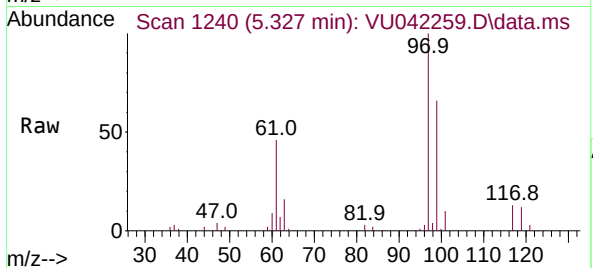




#29
1,1,1-Trichloroethane
Concen: 5.02 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

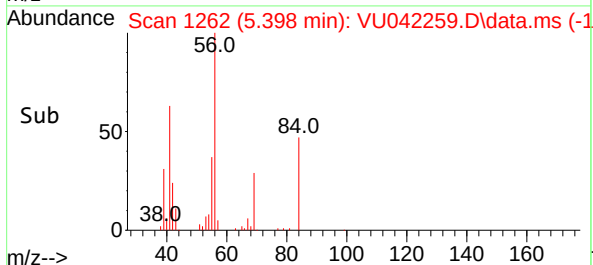
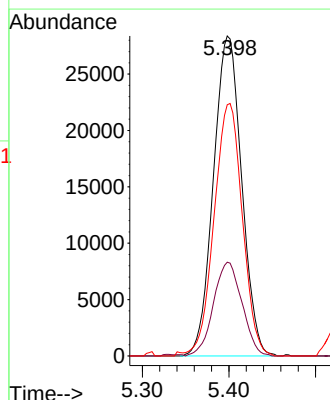
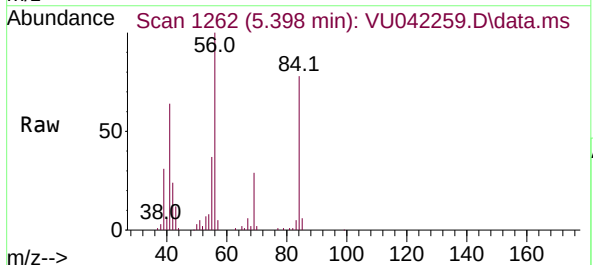
Instrument :
MSVOA_U
ClientSampleId :

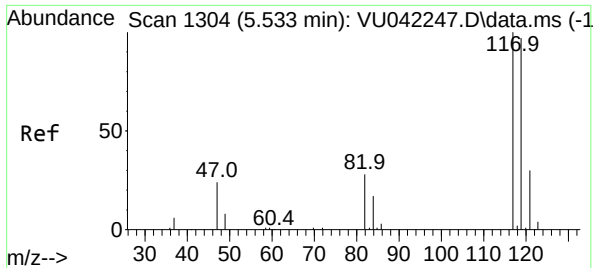
Tgt Ion:	97	Resp:	63318
Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.8	76.2
61	46.4	35.8	53.6



#30
Cyclohexane
Concen: 4.74 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:	56	Resp:	64207
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.7	35.5
84	79.0	65.3	97.9

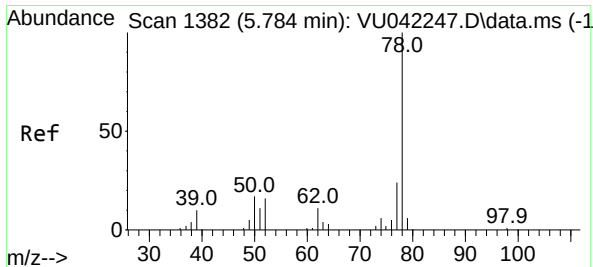
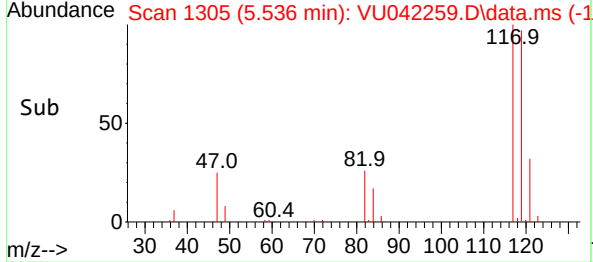
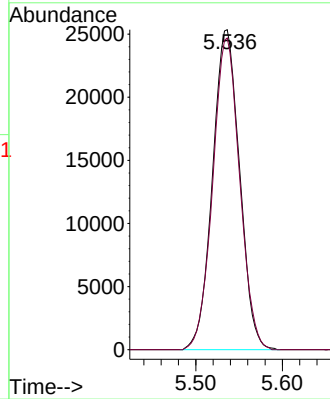
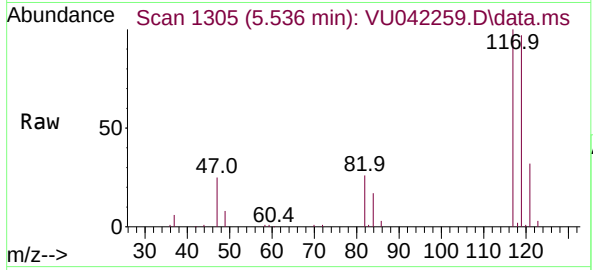




#31
Carbon tetrachloride
Concen: 4.95 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.004 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

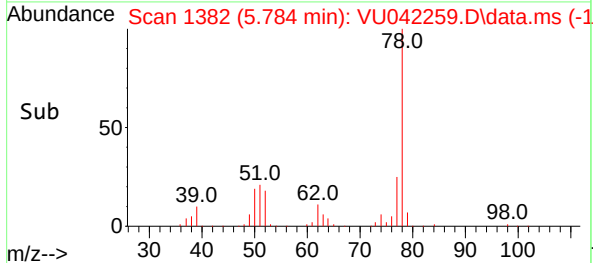
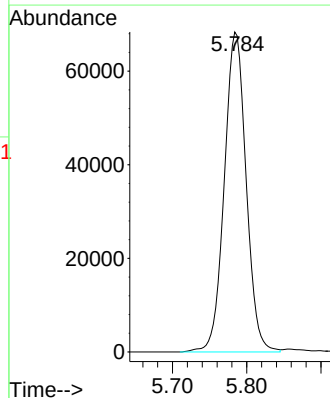
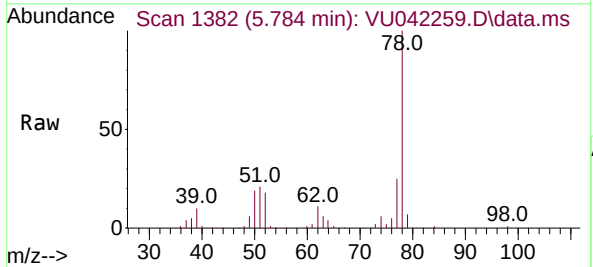
Instrument :
MSVOA_U
ClientSampled :

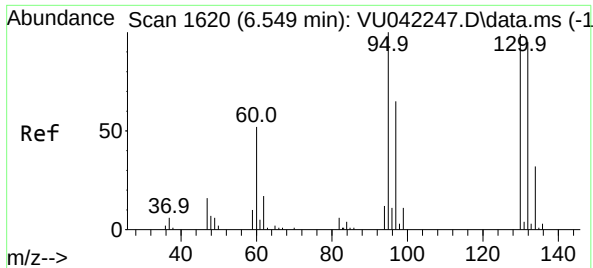
Tgt Ion:117 Resp: 55022
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#33
Benzene
Concen: 4.96 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 78 Resp: 139760



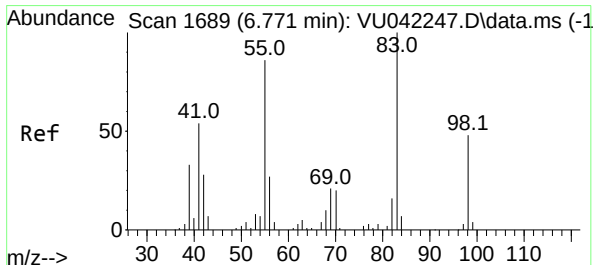
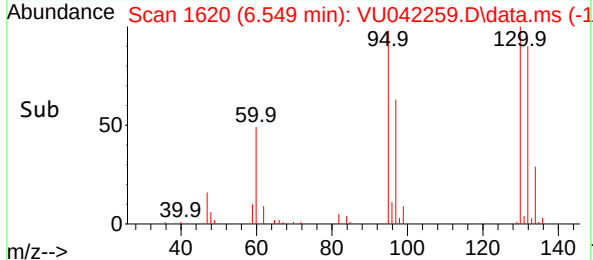
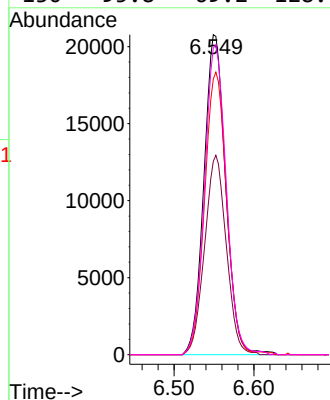
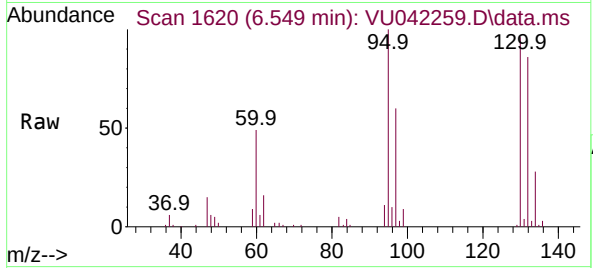


#34
Trichloroethene
Concen: 5.18 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 39362

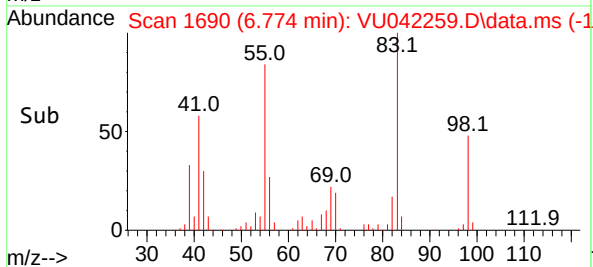
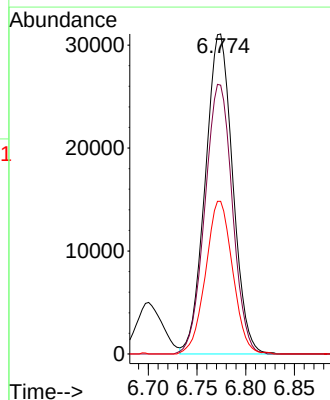
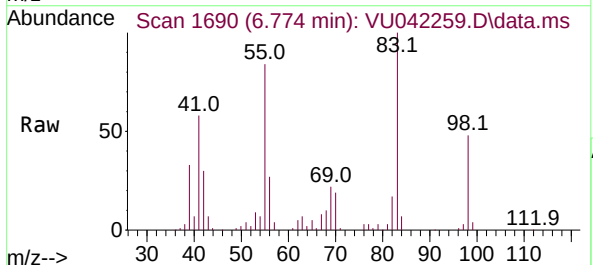
Ion	Ratio	Lower	Upper
95	100		
97	60.4	44.4	82.4
132	86.1	68.0	126.4
130	95.8	69.2	128.4

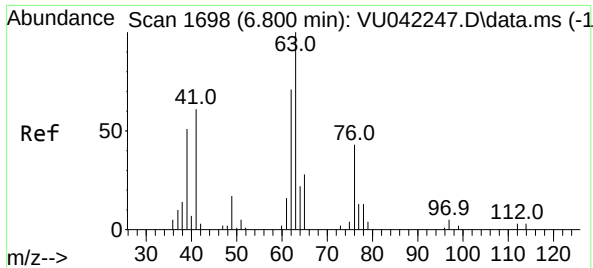


#35
Methylcyclohexane
Concen: 4.78 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.004 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 83 Resp: 60955

Ion	Ratio	Lower	Upper
83	100		
55	84.3	68.2	102.4
98	47.0	39.7	59.5



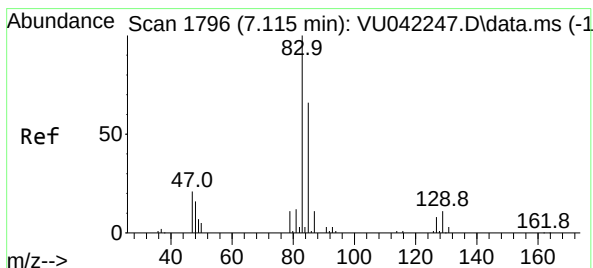
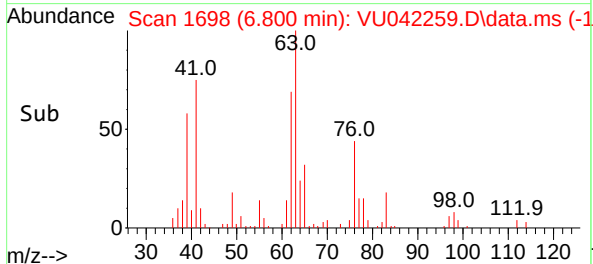
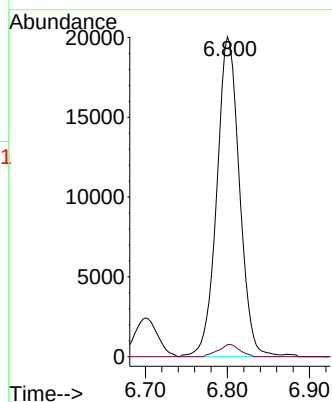
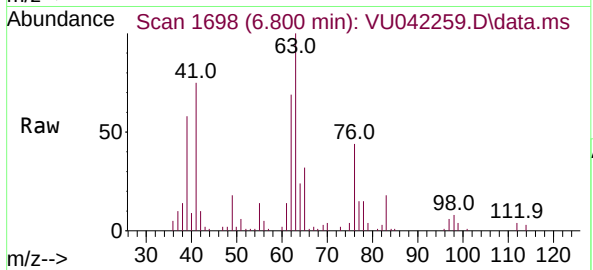


#37

1,2-Dichloropropane
Concen: 5.19 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Instrument :
MSVOA_U
ClientSampleId :

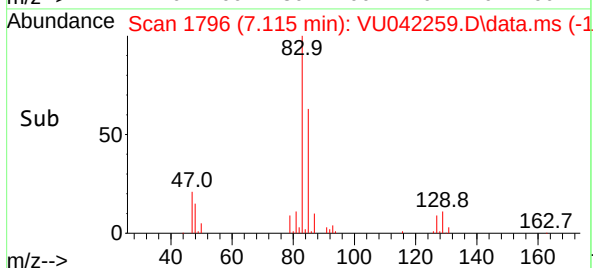
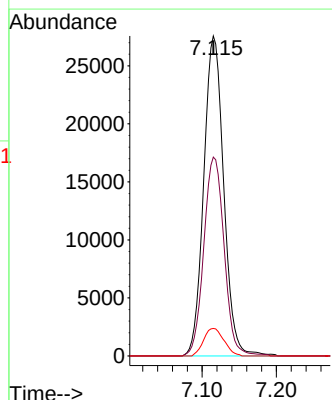
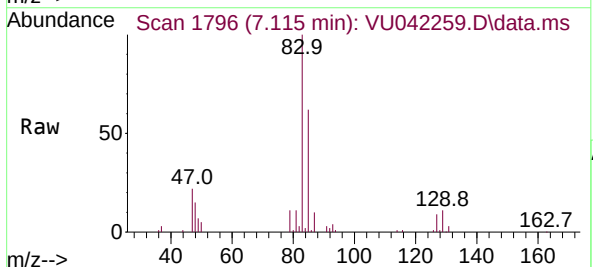
Tgt Ion: 63 Resp: 38507
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0

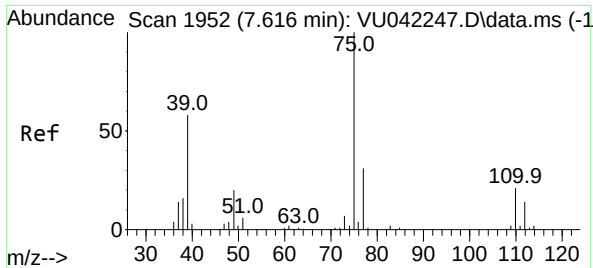


#38

Bromodichloromethane
Concen: 5.03 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 83 Resp: 51529
Ion Ratio Lower Upper
83 100
85 62.1 46.0 85.4
127 8.6 6.8 10.2

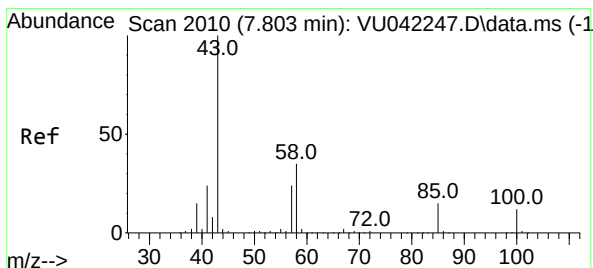
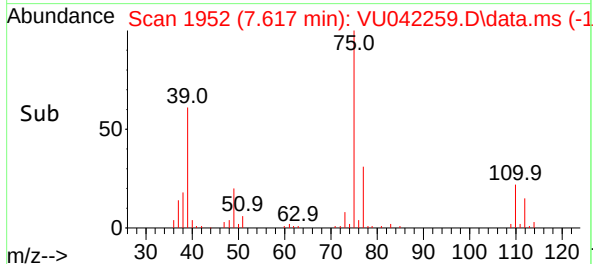
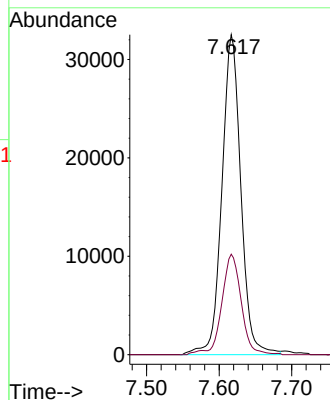
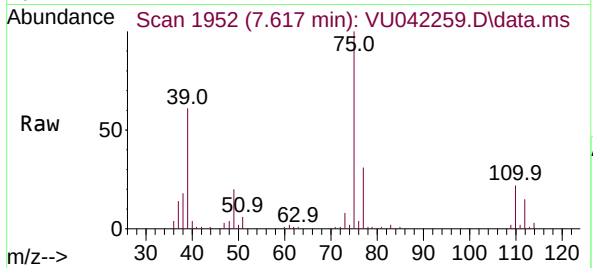




#39
cis-1,3-Dichloropropene
Concen: 4.85 ug/L
RT: 7.617 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

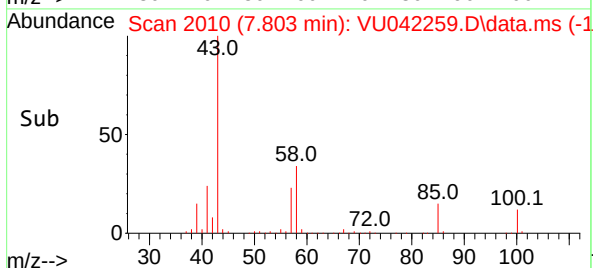
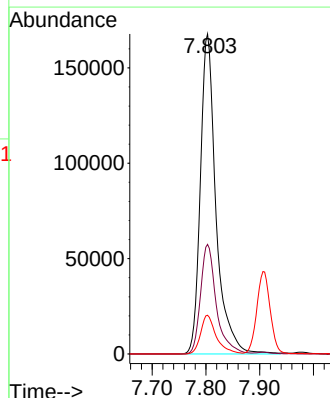
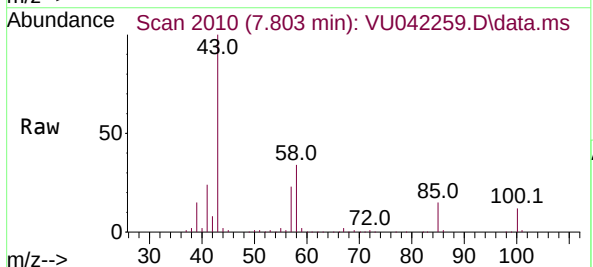
Instrument :
MSVOA_U
ClientSampleId :

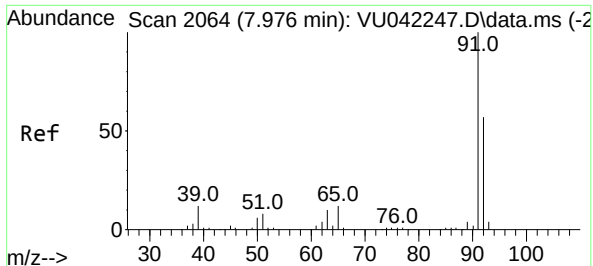
Tgt Ion: 75 Resp: 59117
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 53.44 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 43 Resp: 339005
Ion Ratio Lower Upper
43 100
58 34.6 29.1 43.7
100 12.2 11.0 16.4





#42

Toluene

Concen: 5.04 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042259.D

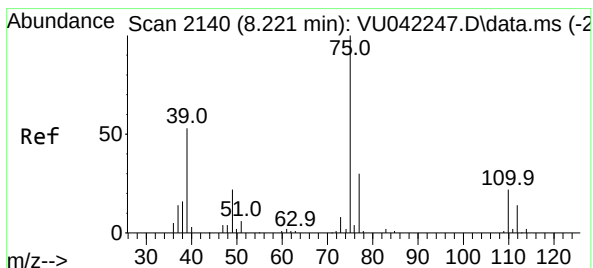
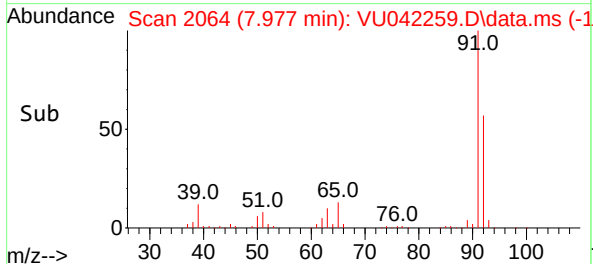
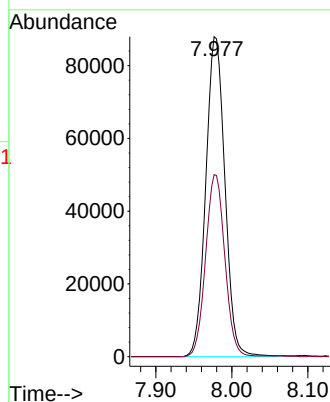
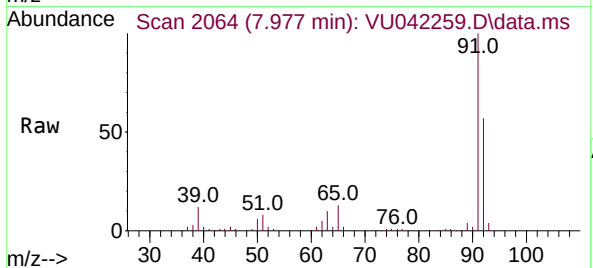
Acq: 04 Feb 2021 09:50

Tgt Ion: 91 Resp: 153766

Ion Ratio Lower Upper

91 100

92 56.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 4.78 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.003 min

Lab File: VU042259.D

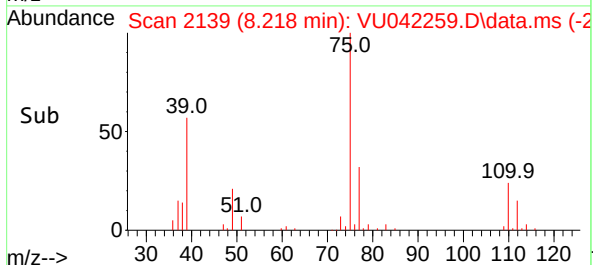
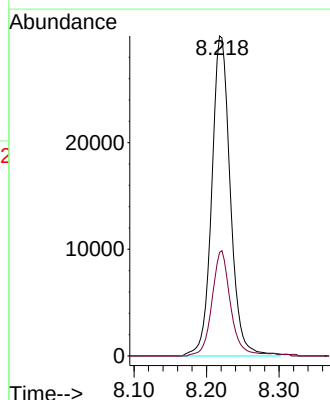
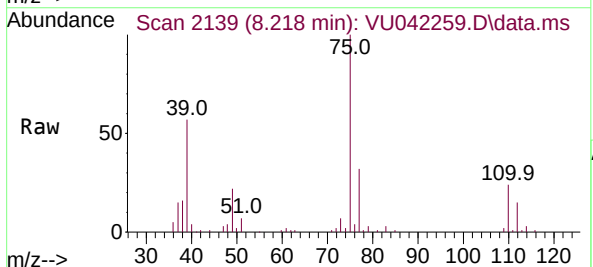
Acq: 04 Feb 2021 09:50

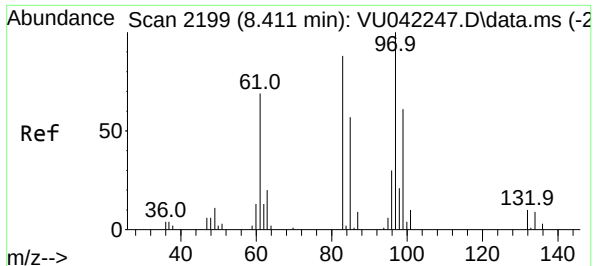
Tgt Ion: 75 Resp: 53392

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4

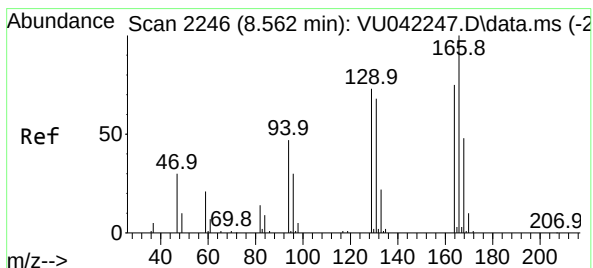
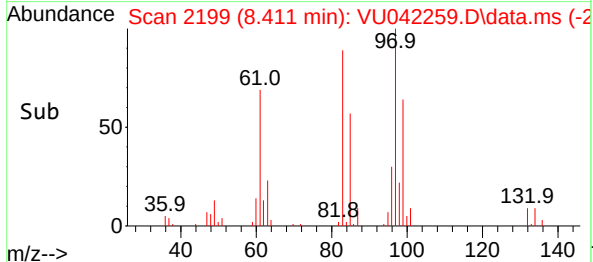
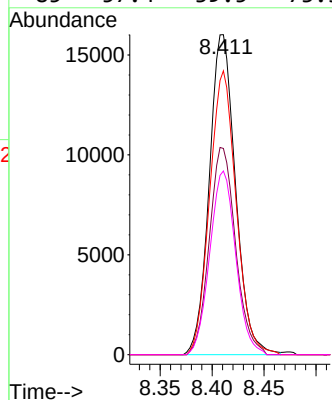
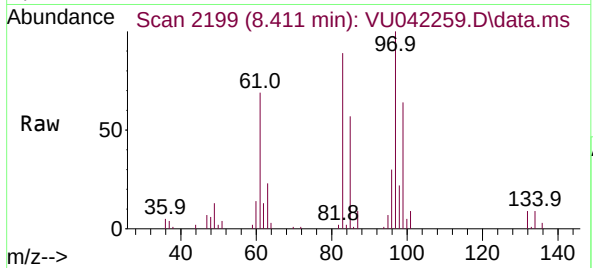




#45
1,1,2-Trichloroethane
Concen: 5.13 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

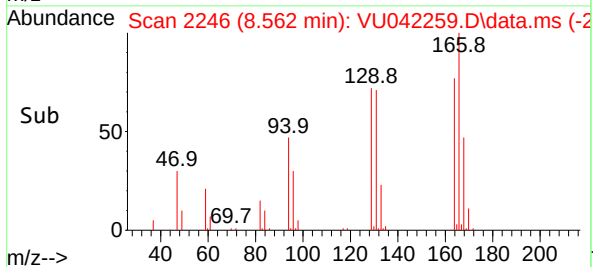
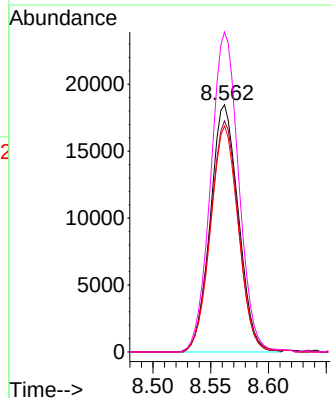
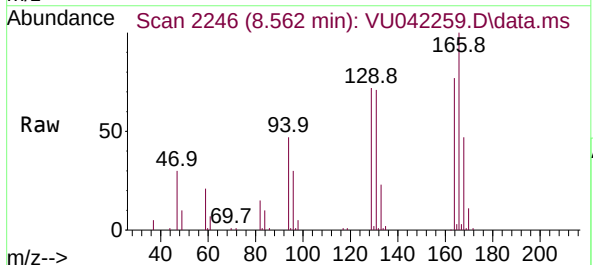
Instrument :
MSVOA_U
ClientSampleId :

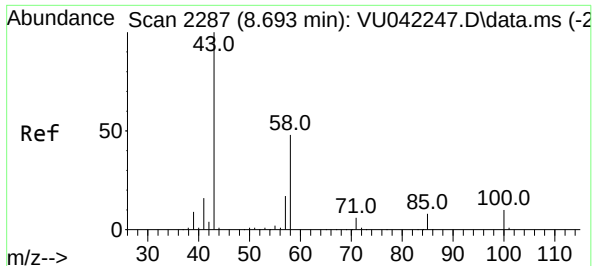
Tgt Ion:	97	Resp:	28173
Ion	Ratio	Lower	Upper
97	100		
99	64.5	44.0	81.8
83	88.7	57.6	107.0
85	57.4	39.5	73.3



#47
Tetrachloroethene
Concen: 4.95 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:	164	Resp:	31234
Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.3	119.5
131	91.4	62.2	115.6
166	129.4	88.6	164.6

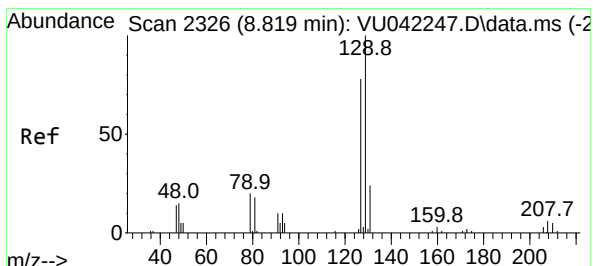
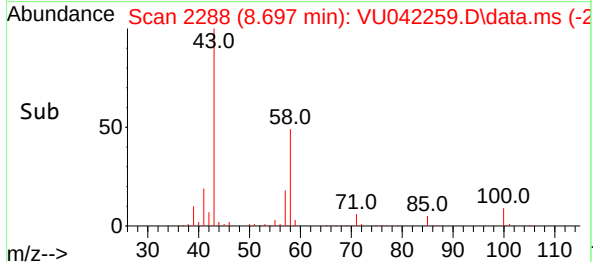
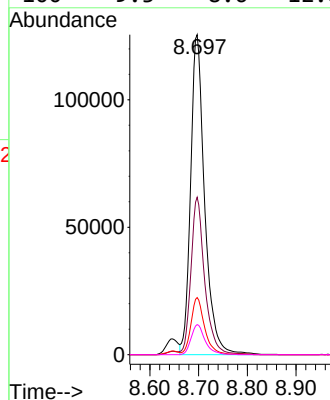
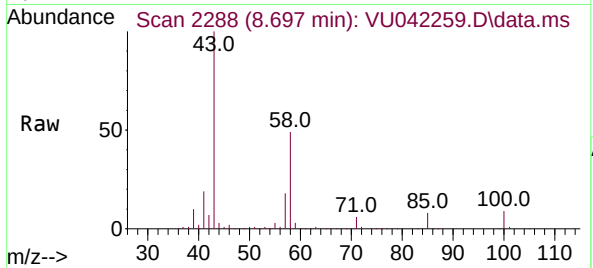




#48
2-Hexanone
Concen: 57.13 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

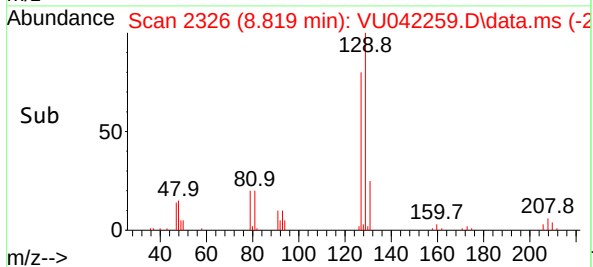
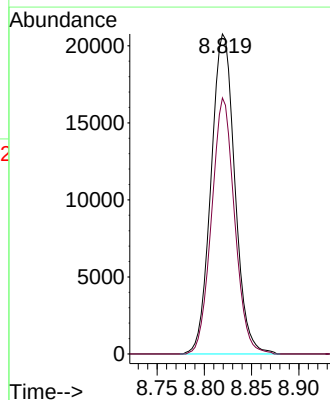
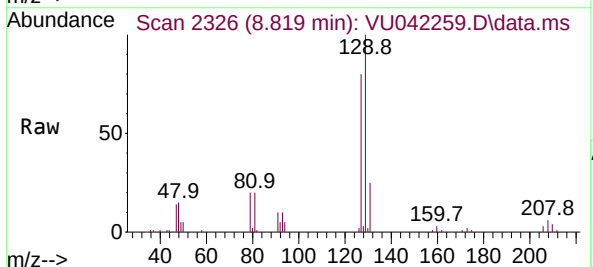
Instrument :
MSVOA_U
ClientSampleId :

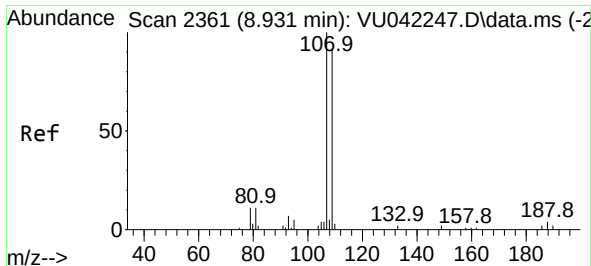
Tgt Ion: 43 Resp: 251988
Ion Ratio Lower Upper
43 100
58 48.4 40.6 61.0
57 16.9 14.9 22.3
100 9.3 8.6 12.8



#49
Dibromochloromethane
Concen: 4.98 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

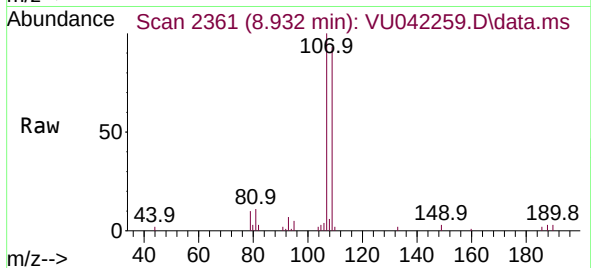
Tgt Ion: 129 Resp: 36373
Ion Ratio Lower Upper
129 100
127 80.0 52.3 97.1



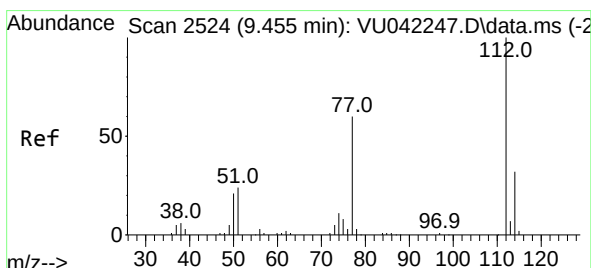
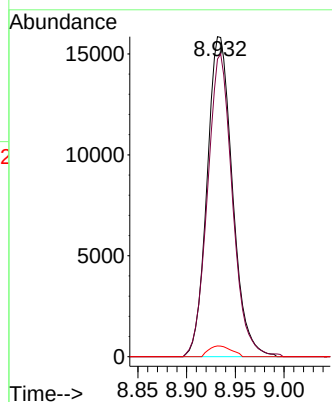
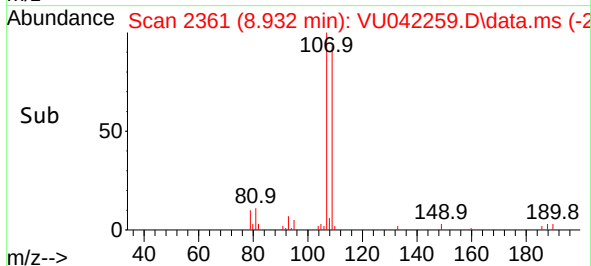


#50
1,2-Dibromoethane
Concen: 5.06 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

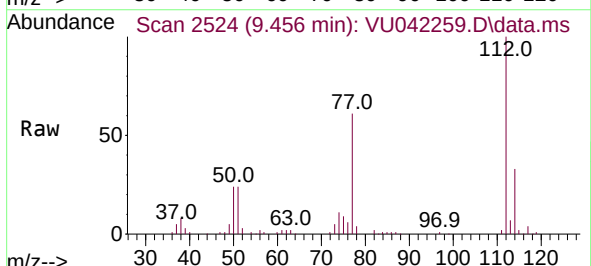
Instrument :
MSVOA_U
ClientSampleId :



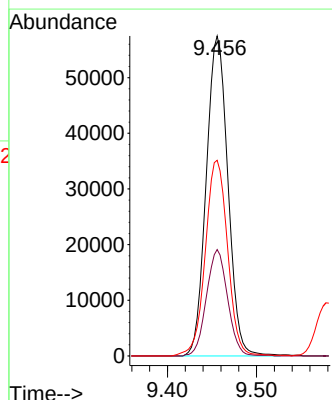
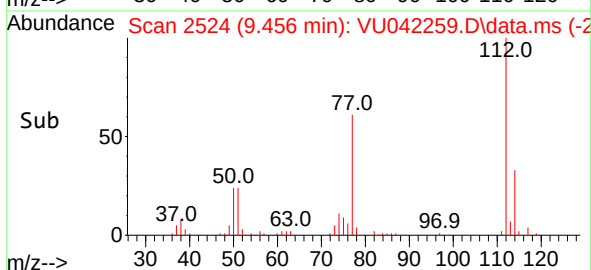
Tgt Ion:107 Resp: 28678
Ion Ratio Lower Upper
107 100
109 93.0 65.5 121.6
188 3.3 3.4 5.2#

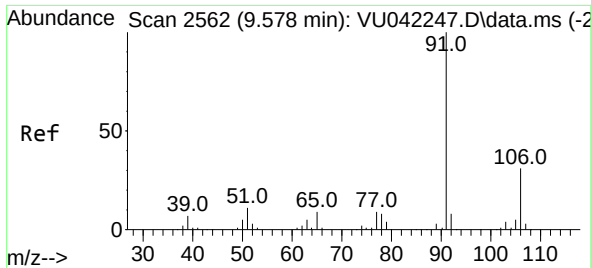


#51
Chlorobenzene
Concen: 4.98 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50



Tgt Ion:112 Resp: 97047
Ion Ratio Lower Upper
112 100
114 33.3 22.0 41.0
77 61.1 49.8 74.6

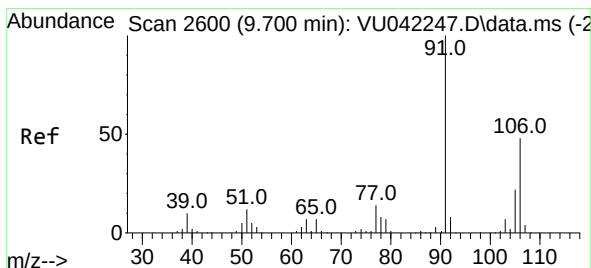
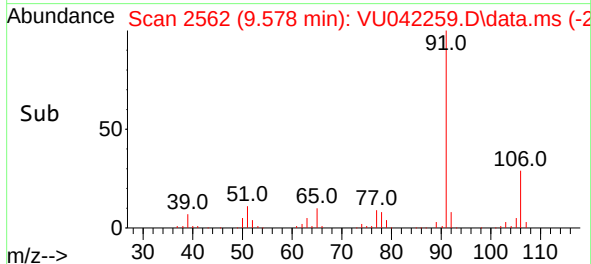
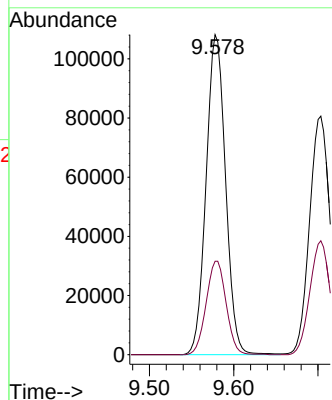
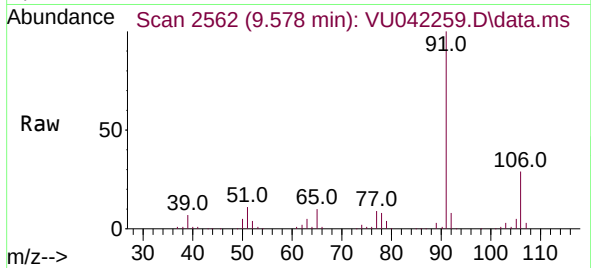




#52
Ethylbenzene
Concen: 4.97 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

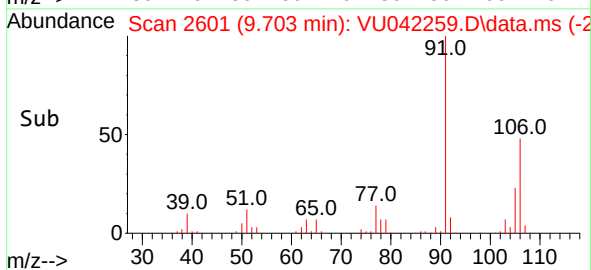
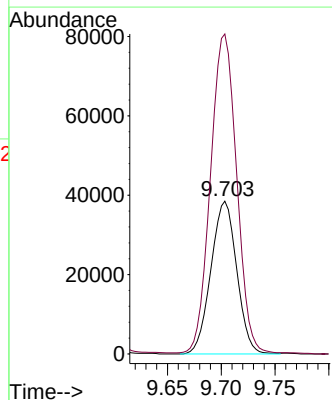
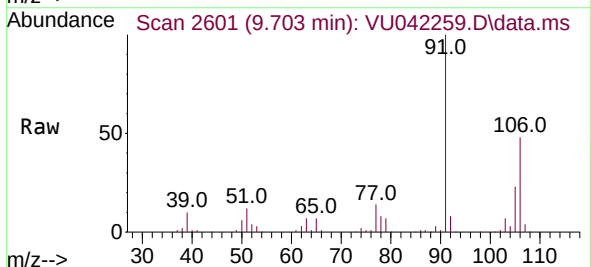
Instrument :
MSVOA_U
ClientSampleId :

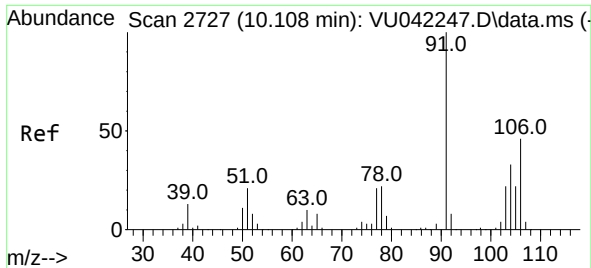
Tgt Ion: 91 Resp: 173774
Ion Ratio Lower Upper
91 100
106 29.2 21.1 39.3



#53
m,p-Xylene
Concen: 4.91 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.004 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:106 Resp: 64257
Ion Ratio Lower Upper
106 100
91 209.4 145.1 269.5

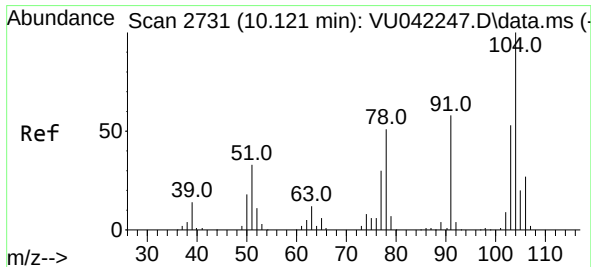
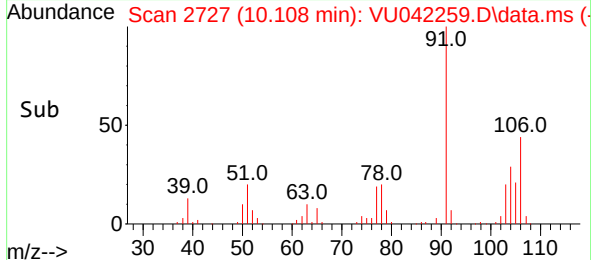
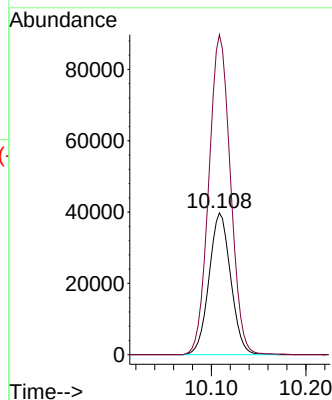
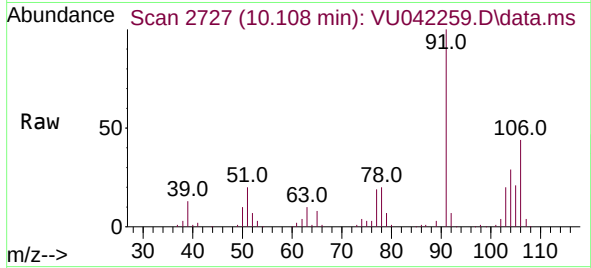




#54
o-Xylene
Concen: 4.98 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

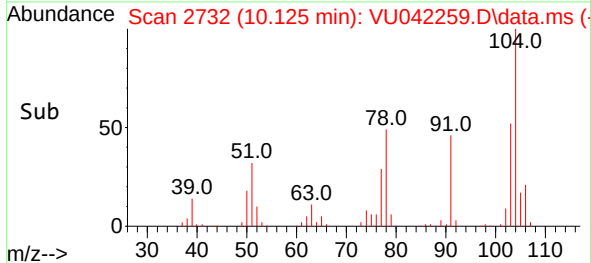
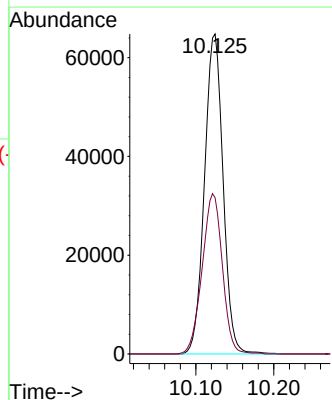
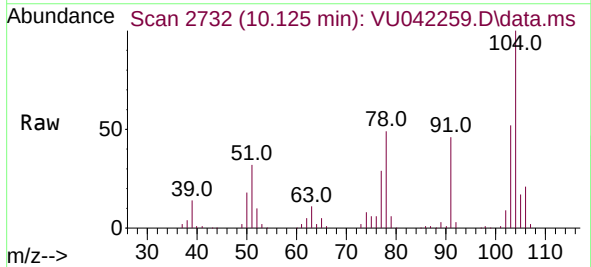
Instrument :
MSVOA_U
ClientSampleId :

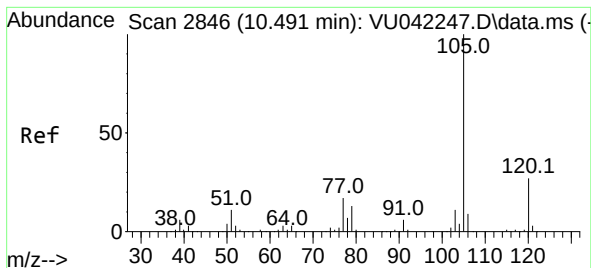
Tgt Ion:106 Resp: 63205
Ion Ratio Lower Upper
106 100
91 225.8 153.0 284.2



#55
Styrene
Concen: 4.92 ug/L
RT: 10.125 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:104 Resp: 107536
Ion Ratio Lower Upper
104 100
78 48.9 34.9 64.7

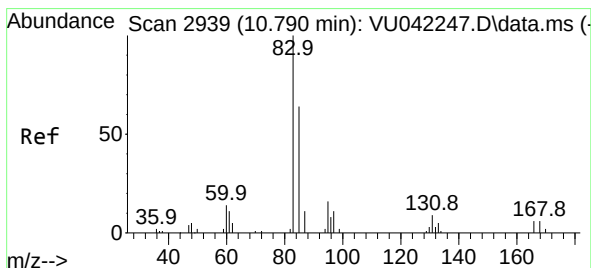
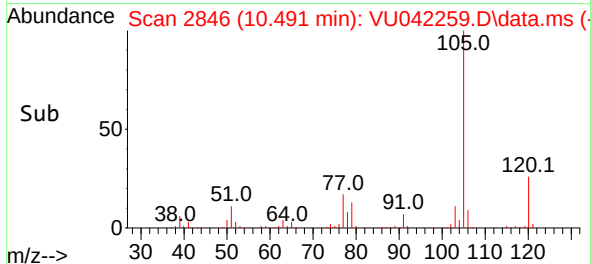
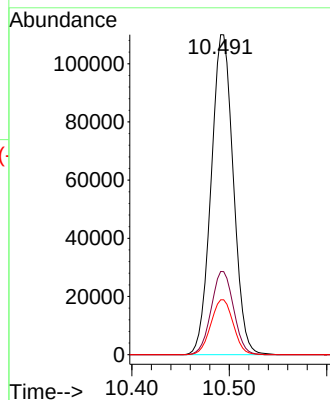
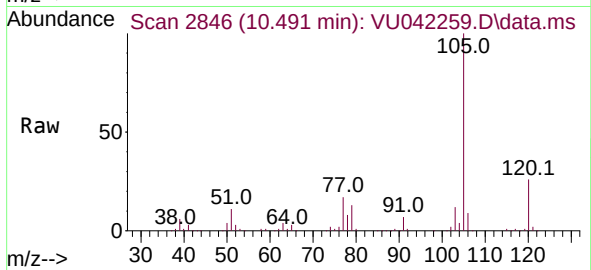




#56
Isopropylbenzene
Concen: 4.96 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

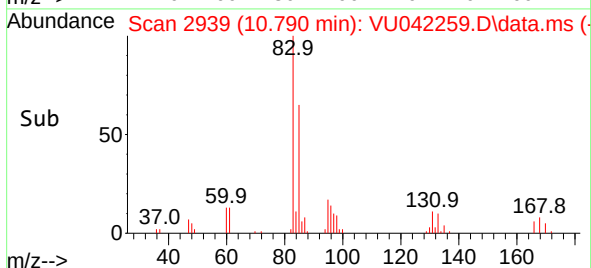
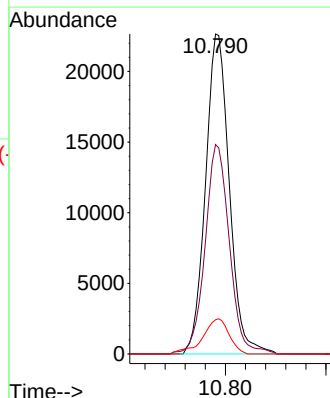
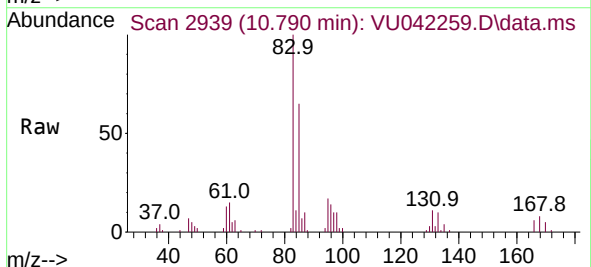
Instrument :
MSVOA_U
ClientSampleId :

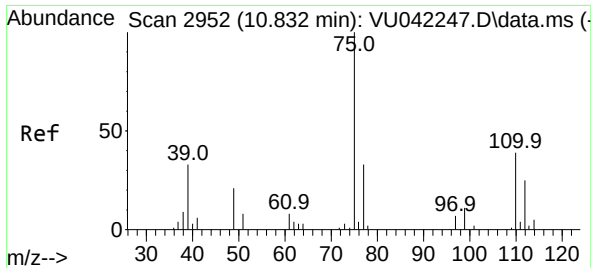
Tgt Ion:105 Resp: 173790
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 17.3 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.30 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion: 83 Resp: 37163
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.4
131 10.7 8.6 12.8

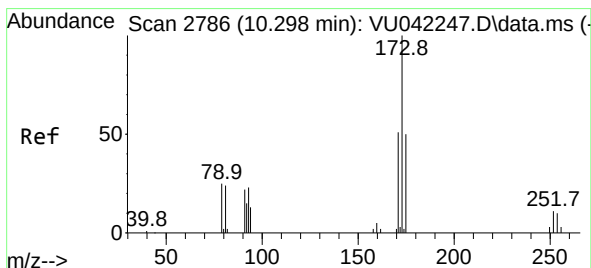
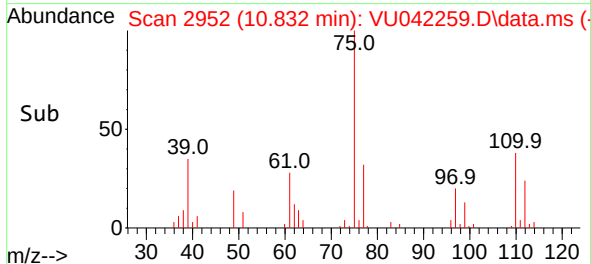
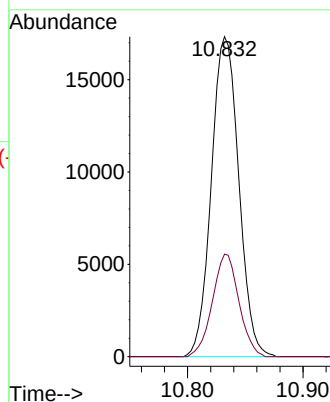
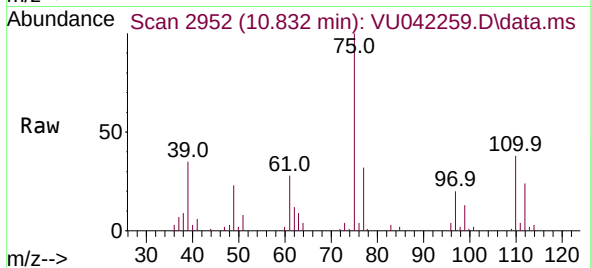




#59
1,2,3-Trichloropropane
Concen: 5.46 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

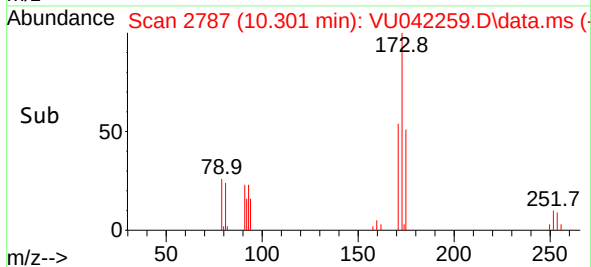
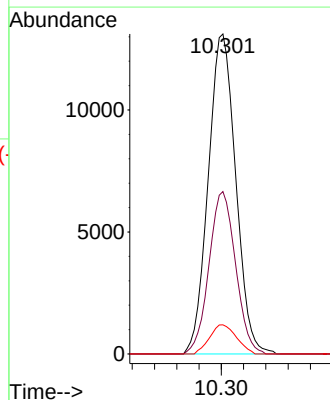
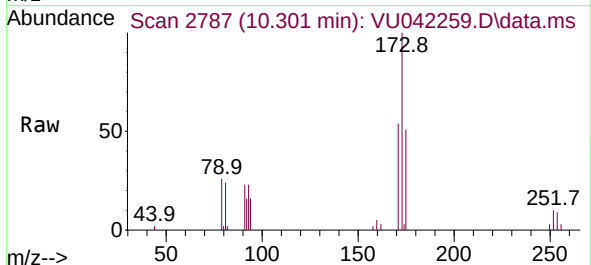
Instrument :
MSVOA_U
ClientSampleId :

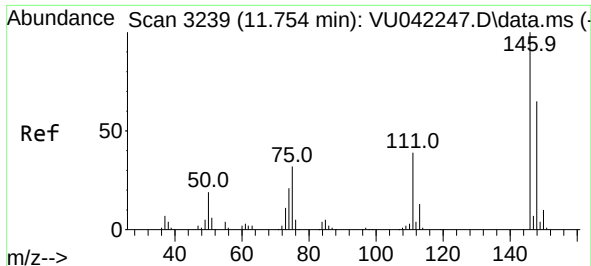
Tgt Ion: 75 Resp: 28572
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0



#61
Bromoform
Concen: 4.76 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.004 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:173 Resp: 22477
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 8.9 7.9 11.9

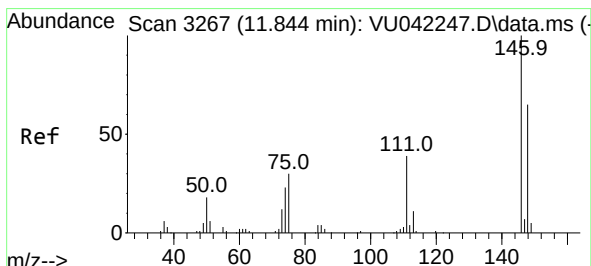
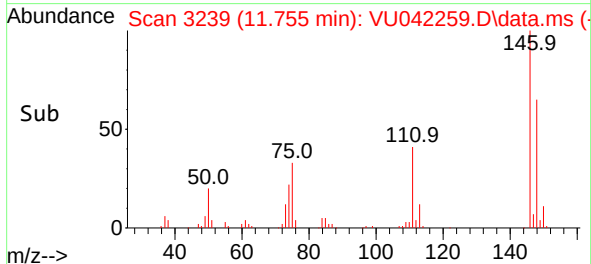
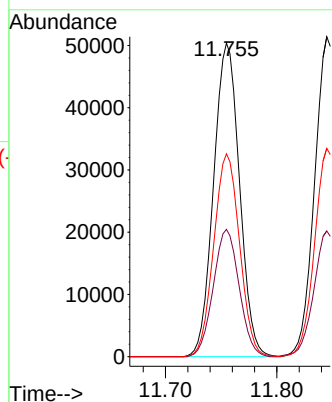
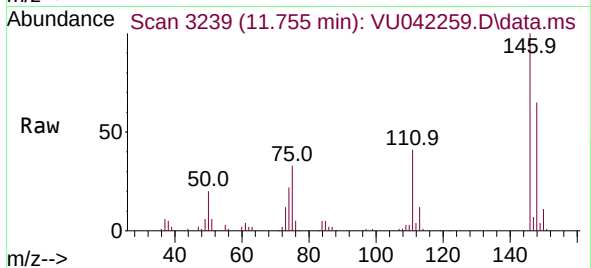




#62
1,3-Dichlorobenzene
Concen: 4.99 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

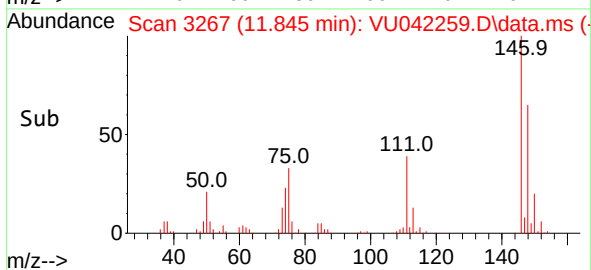
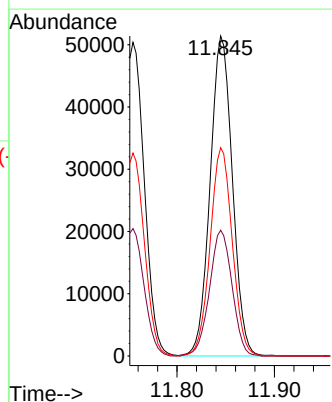
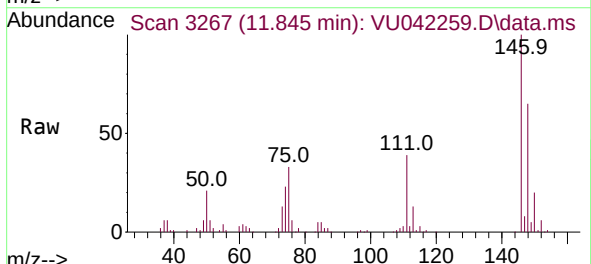
Instrument :
MSVOA_U
ClientSampleId :

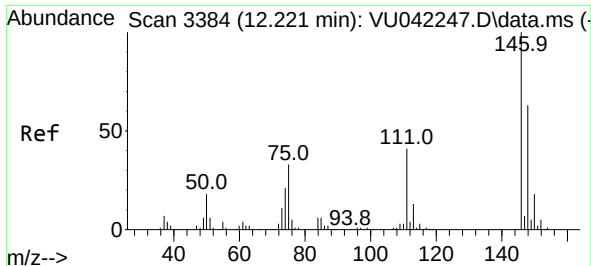
Tgt Ion:146 Resp: 81353
Ion Ratio Lower Upper
146 100
111 40.6 27.2 50.4
148 64.7 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.01 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:146 Resp: 81685
Ion Ratio Lower Upper
146 100
111 39.3 25.8 47.8
148 65.1 44.1 81.9

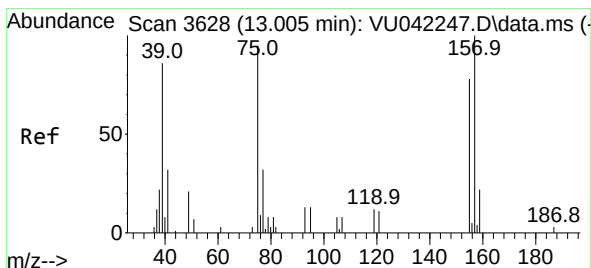
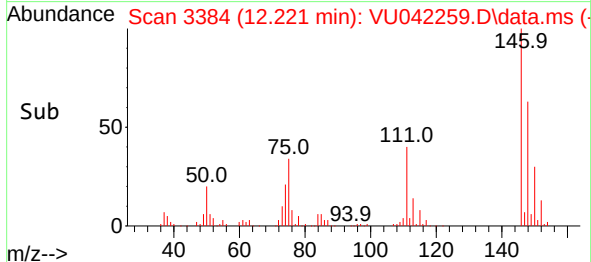
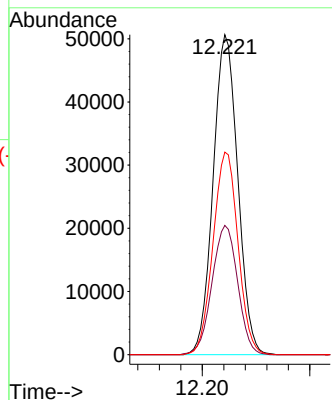
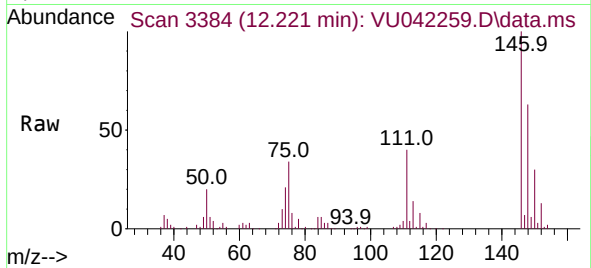




#65
1,2-Dichlorobenzene
Concen: 5.31 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

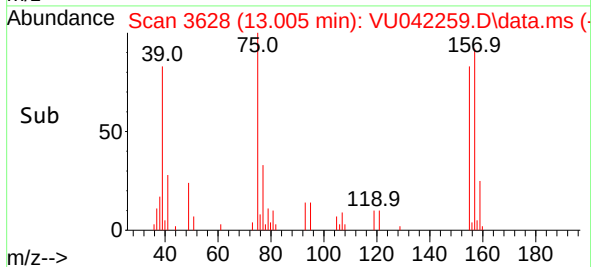
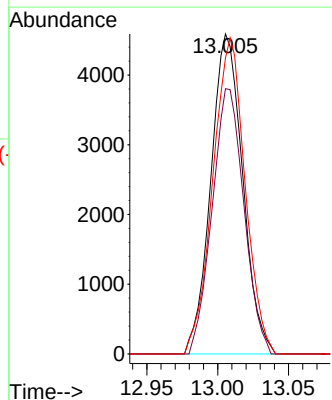
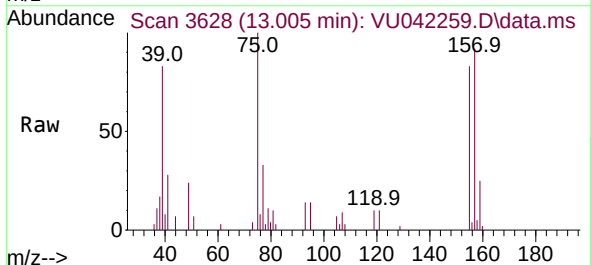
Instrument :
MSVOA_U
ClientSampleId :

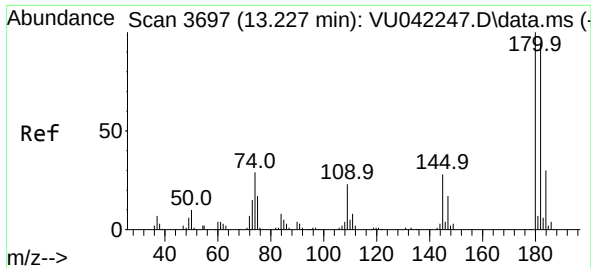
Tgt Ion:146 Resp: 80529
Ion Ratio Lower Upper
146 100
111 40.4 32.7 49.1
148 63.3 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.30 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

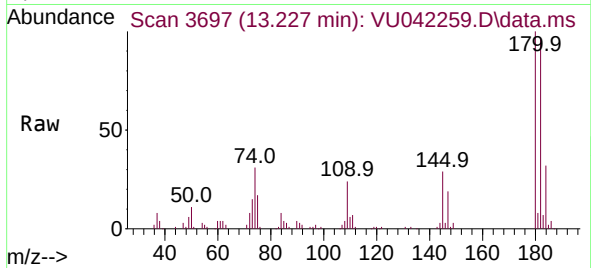
Tgt Ion: 75 Resp: 7174
Ion Ratio Lower Upper
75 100
155 82.9 69.0 103.6
157 92.5 91.0 136.6



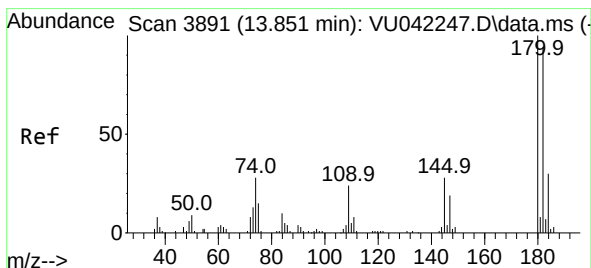
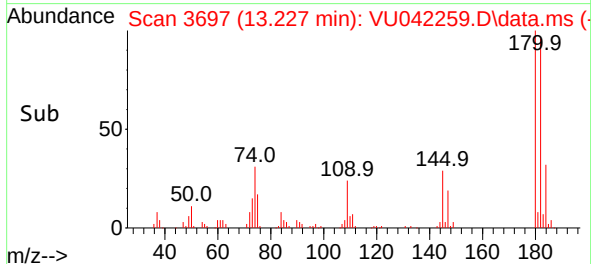
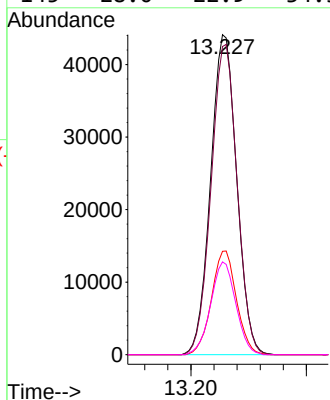


#67
 1,3,5-Trichlorobenzene
 Concen: 5.29 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042259.D
 Acq: 04 Feb 2021 09:50

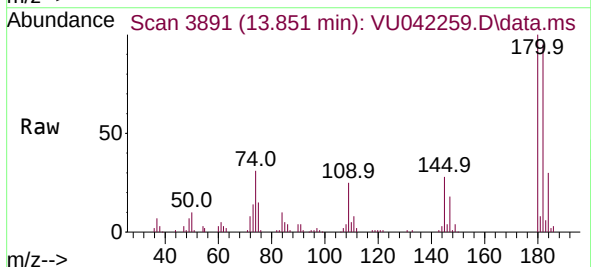
Instrument :
 MSVOA_U
 ClientSampleId :



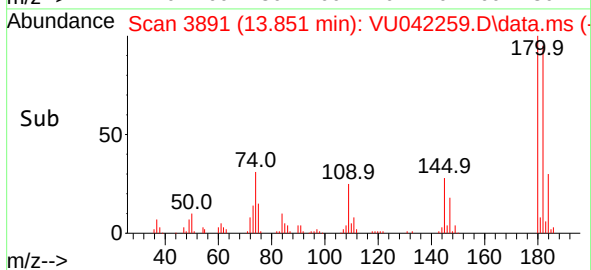
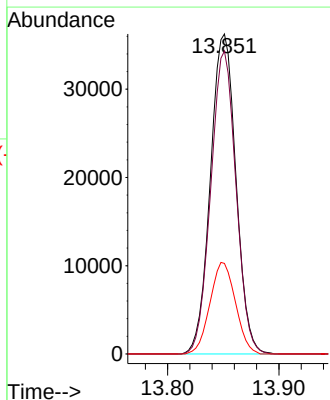
Tgt Ion:180 Resp: 69057
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.4 114.6
 184 31.1 23.9 35.9
 145 28.0 22.9 34.3

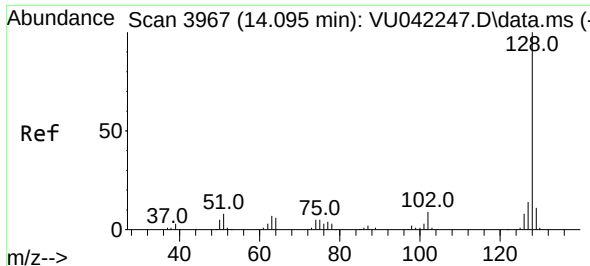


#68
 1,2,4-trichlorobenzene
 Concen: 5.60 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.000 min
 Lab File: VU042259.D
 Acq: 04 Feb 2021 09:50



Tgt Ion:180 Resp: 57776
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.3 114.5
 145 28.5 23.7 35.5

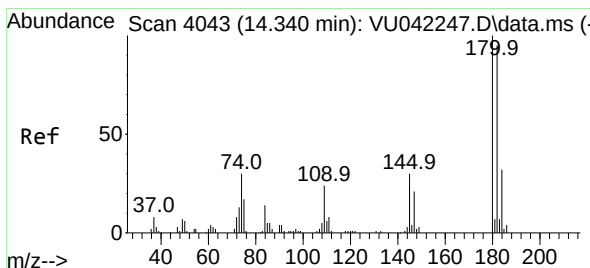
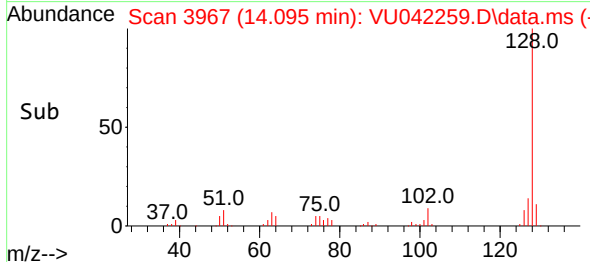
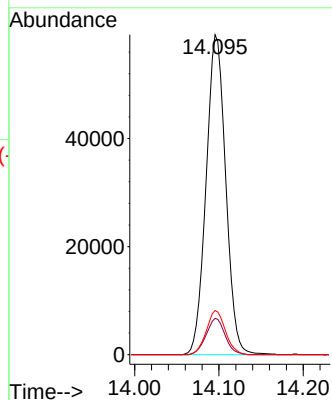
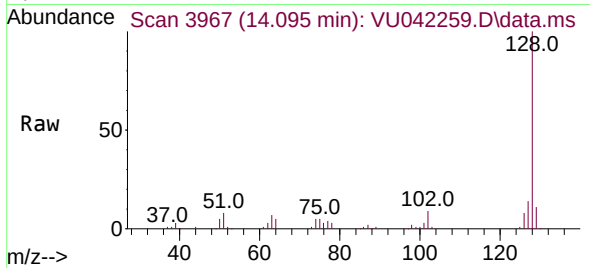




#69
Naphthalene
Concen: 6.35 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 95963
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.80 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042259.D
Acq: 04 Feb 2021 09:50

Tgt Ion:180 Resp: 53005
Ion Ratio Lower Upper
180 100
182 93.6 75.6 113.4
145 30.6 24.7 37.1

