

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043342.D
 Acq On : 27 Apr 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 27 23:41:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 26 23:40:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	108600	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	108999	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	60201	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24821	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.919	69	22558	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.575	65	15713	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.665	46	135090	55.77	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.54%
24) Chloroform-d	5.073	84	71564	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.713	65	44923	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.736	84	122335	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.700	67	42228	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.906	98	114136	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloroprop...	8.189	79	17156	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.645	63	83482	45.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38478	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	44106	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	39125	5.62	ug/L	98
3) Chloromethane	1.523	50	35624	5.20	ug/L	97
5) Vinyl chloride	1.607	62	35598	4.99	ug/L	96
6) Bromomethane	1.864	94	19081	4.48	ug/L	99
8) Chloroethane	1.938	64	21229	4.13	ug/L	95
9) Trichlorofluoromethane	2.144	101	61339	4.61	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36707	5.11	ug/L	91
12) 1,1-Dichloroethene	2.588	96	31921	5.29	ug/L	85
13) Acetone	2.684	43	99996	56.19	ug/L	85
14) Carbon disulfide	2.800	76	79755	5.18	ug/L	98
15) Methyl Acetate	2.974	43	21250	6.35	ug/L	# 83
16) Methylene chloride	3.054	84	40326	5.16	ug/L	# 79
17) Methyl tert-butyl Ether	3.375	73	92892	4.71	ug/L	# 92
18) trans-1,2-Dichloroethene	3.363	96	32303	5.02	ug/L	88
19) 1,1-Dichloroethane	3.880	63	74665	5.33	ug/L	97
21) 2-Butanone	4.742	43	176811	60.20	ug/L	80
22) cis-1,2-Dichloroethene	4.678	96	37993	4.98	ug/L	88
23) Bromochloromethane	4.983	128	18294	5.26	ug/L	# 75
25) Chloroform	5.099	83	78356	5.24	ug/L	98

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 ClientSampleId :

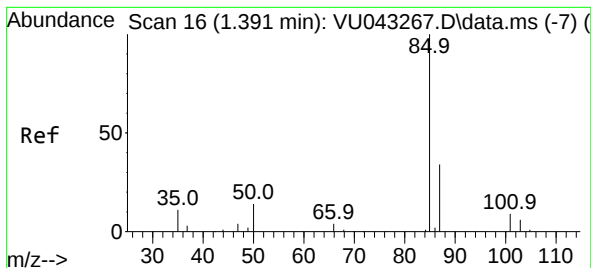
Quant Time: Apr 27 23:41:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 26 23:40:31 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	57642	5.26	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	66977	4.98	ug/L #	93
30) Cyclohexane	5.398	56	52616	4.56	ug/L	84
31) Carbon tetrachloride	5.533	117	55258	4.93	ug/L	99
33) Benzene	5.784	78	145825	5.00	ug/L	100
34) Trichloroethene	6.552	95	37961	4.73	ug/L	96
35) Methylcyclohexane	6.771	83	49585	4.46	ug/L #	86
37) 1,2-Dichloropropane	6.800	63	42238	5.15	ug/L	98
38) Bromodichloromethane	7.115	83	57008	5.18	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	57595	4.80	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	407885	55.56	ug/L #	82
42) Toluene	7.977	91	159127	4.89	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	54745	4.85	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	31555	5.15	ug/L	98
47) Tetrachloroethene	8.562	164	29742	4.67	ug/L	97
48) 2-Hexanone	8.697	43	317725	58.82	ug/L #	81
49) Dibromochloromethane	8.819	129	38783	5.01	ug/L	94
50) 1,2-Dibromoethane	8.932	107	30899	5.07	ug/L	98
51) Chlorobenzene	9.456	112	97279	4.68	ug/L	95
52) Ethylbenzene	9.578	91	168114	4.51	ug/L	97
53) m,p-Xylene	9.700	106	62326	4.57	ug/L	87
54) o-Xylene	10.108	106	59851	4.43	ug/L	90
55) Styrene	10.121	104	108281	4.68	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	43243	5.36	ug/L	99
59) Bromoform	10.301	173	24012	4.88	ug/L	97
60) Isopropylbenzene	10.491	105	164734	4.26	ug/L #	97
61) 1,2,3-Trichloropropane	10.832	75	31983	5.14	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	130675	4.14	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	131516	4.05	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	85418	4.66	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	85064	4.57	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	83559	4.69	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	7866	5.20	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	66874	4.45	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	55381	4.45	ug/L	99
71) Naphthalene	14.095	128	97665	4.65	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	54159	4.74	ug/L	99

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

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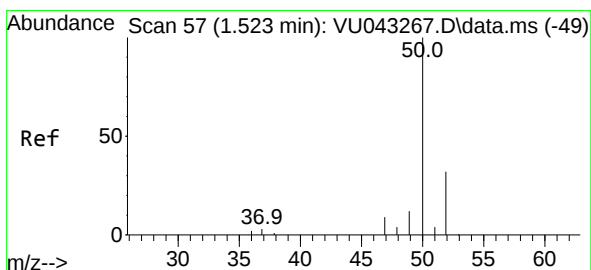
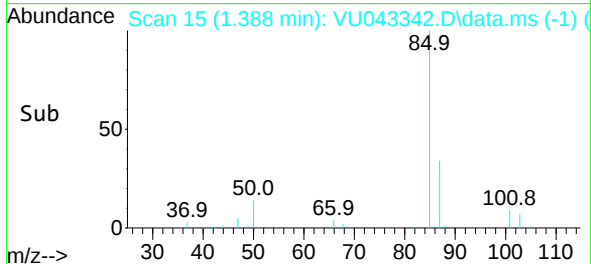
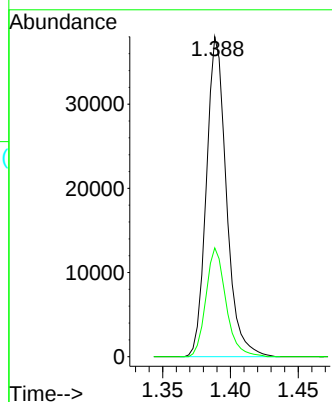
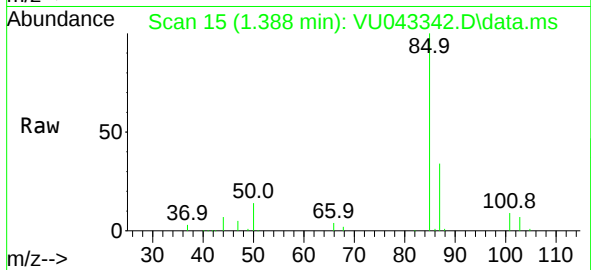




#2
Dichlorodifluoromethane
Concen: 5.62 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

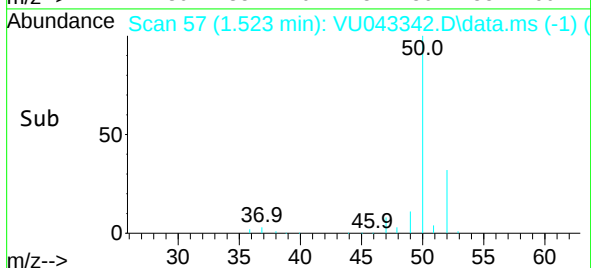
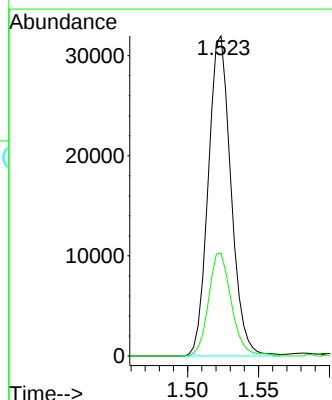
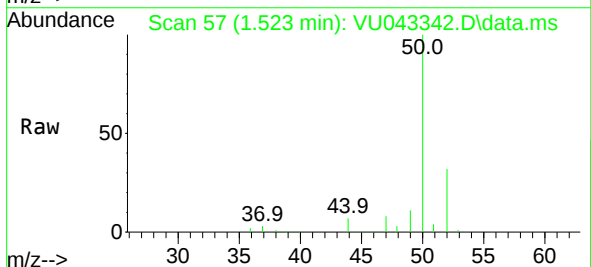
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MSVOA_U
ClientSampleId :

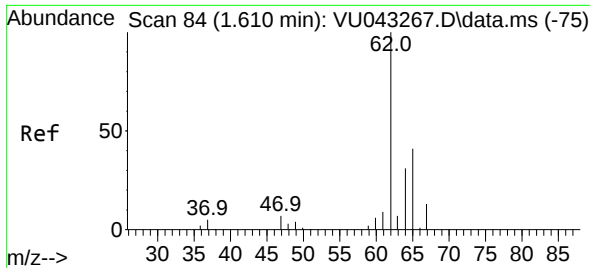
Tgt Ion: 85 Resp: 39125
Ion Ratio Lower Upper
85 100
87 33.9 26.3 39.5



#3
Chloromethane
Concen: 5.20 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 50 Resp: 35624
Ion Ratio Lower Upper
50 100
52 32.2 23.6 43.8

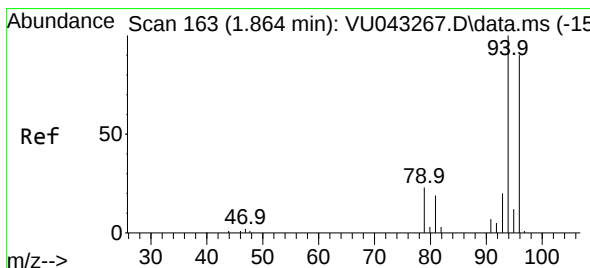
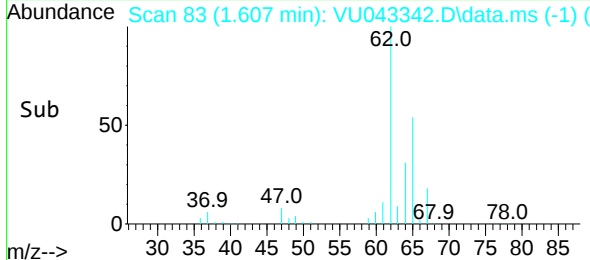
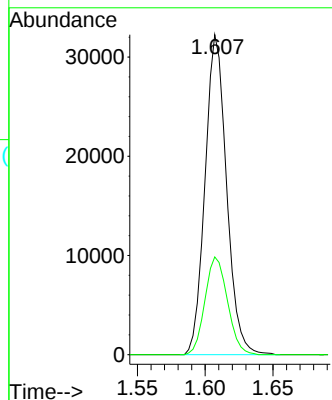
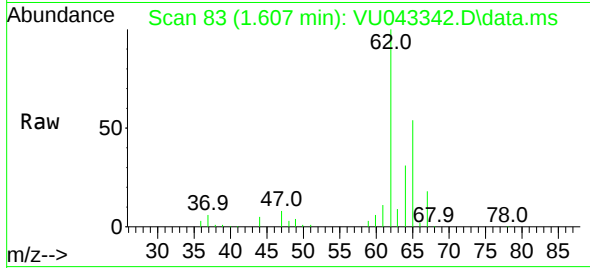




#5
 Vinyl chloride
 Concen: 4.99 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043342.D
 Acq: 27 Apr 2021 09:46

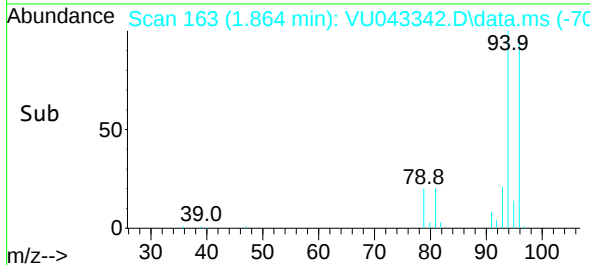
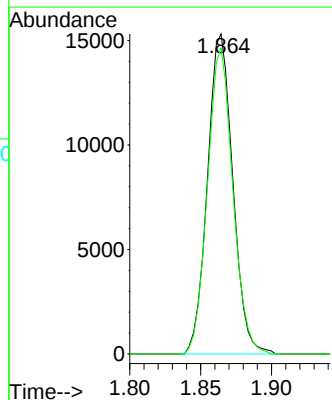
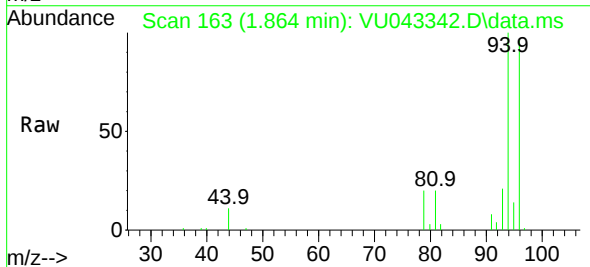
Instrument :
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 ClientSampled :

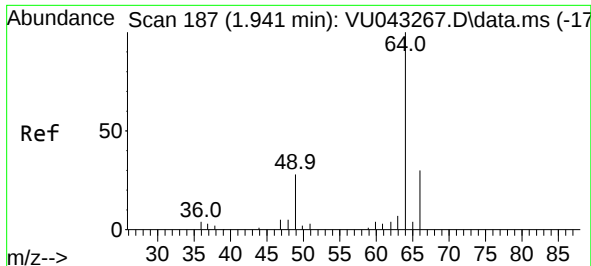
Tgt Ion: 62 Resp: 35598
 Ion Ratio Lower Upper
 62 100
 64 30.5 22.8 42.4



#6
 Bromomethane
 Concen: 4.48 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU043342.D
 Acq: 27 Apr 2021 09:46

Tgt Ion: 94 Resp: 19081
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.1 122.7

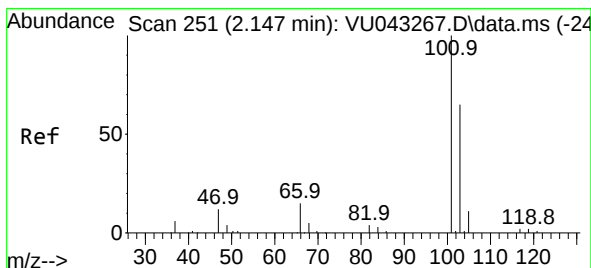
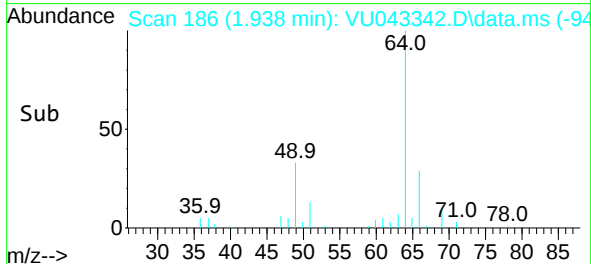
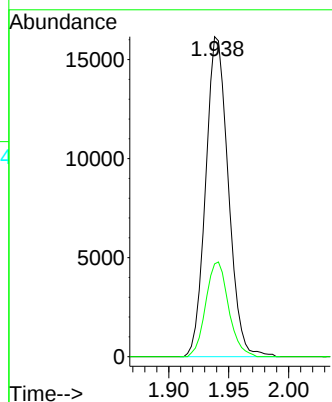
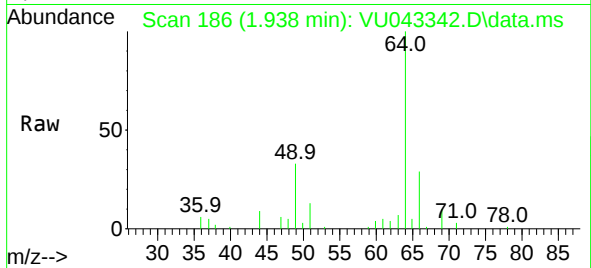




#8
Chloroethane
Concen: 4.13 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

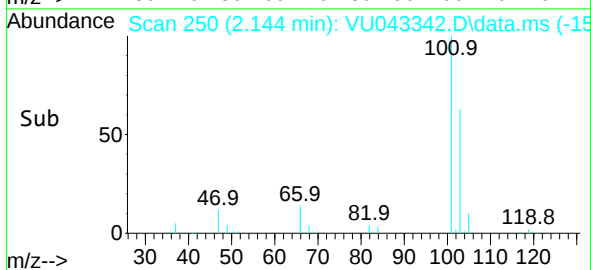
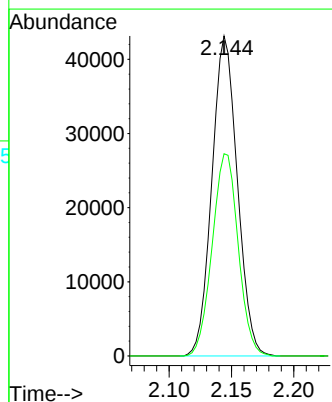
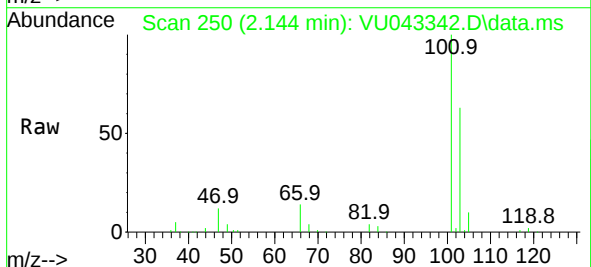
Instrument :
MSVOA_U
ClientSampled :

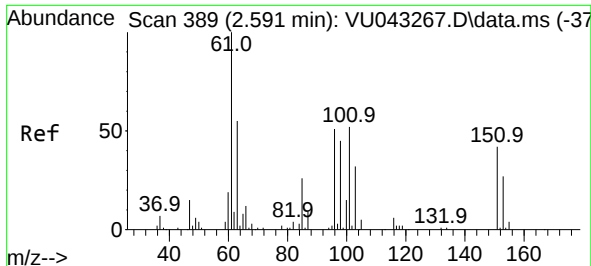
Tgt Ion: 64 Resp: 21229
Ion Ratio Lower Upper
64 100
66 29.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.61 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 101 Resp: 61339
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

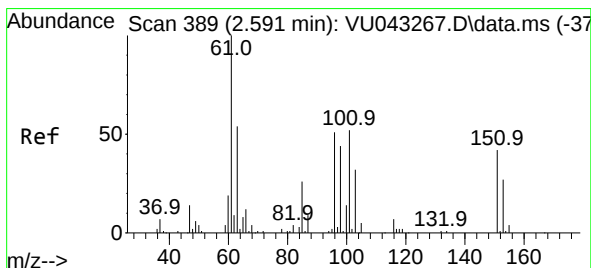
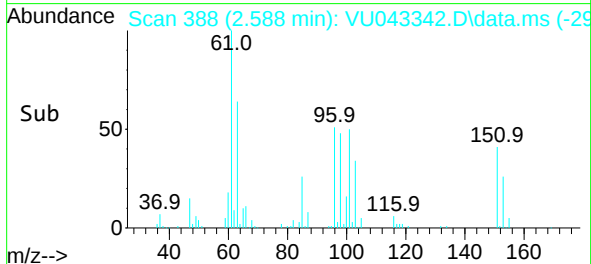
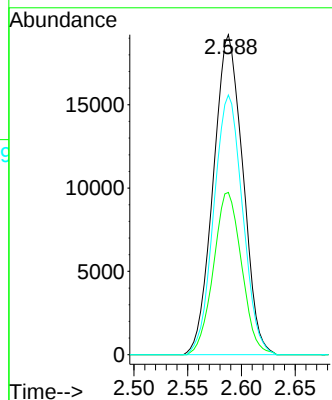
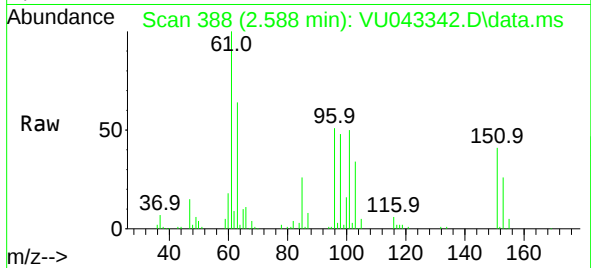




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.11 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

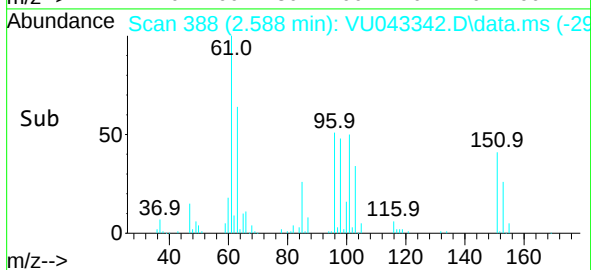
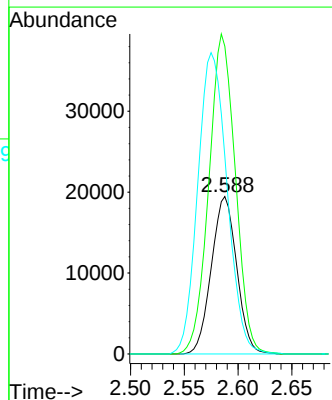
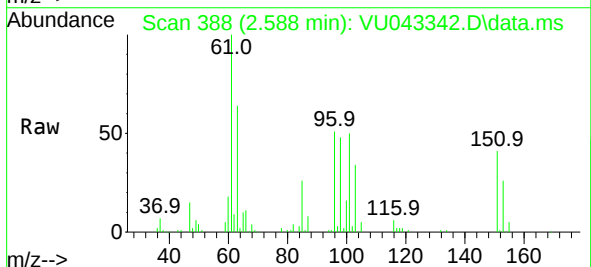
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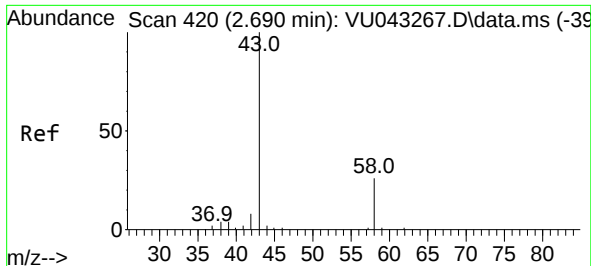
Tgt Ion:101 Resp: 36707
Ion Ratio Lower Upper
101 100
85 48.4 34.5 51.7
151 79.4 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.29 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

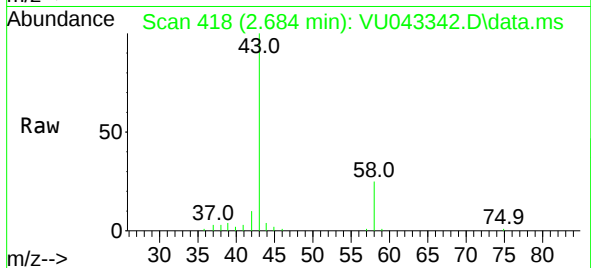
Tgt Ion: 96 Resp: 31921
Ion Ratio Lower Upper
96 100
61 195.4 115.1 213.7
63 125.5 84.1 156.1



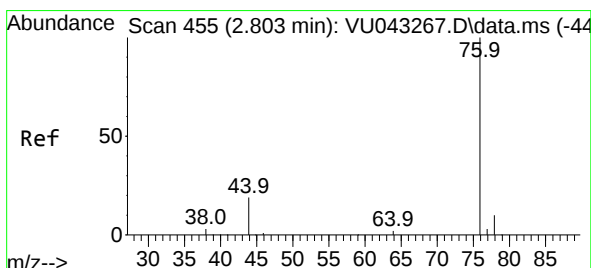
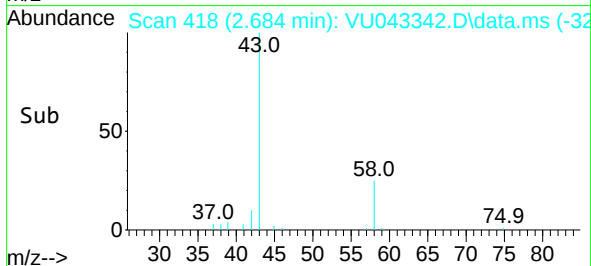
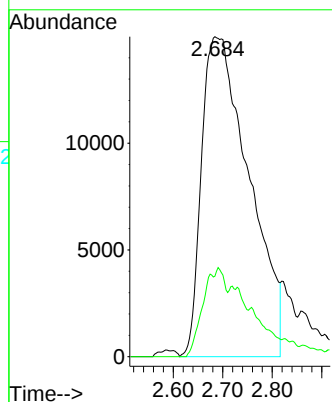


#13
Acetone
Concen: 56.19 ug/L
RT: 2.684 min Scan# 418
Delta R.T. 0.016 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Instrument :
MSVOA_U
ClientSampled :

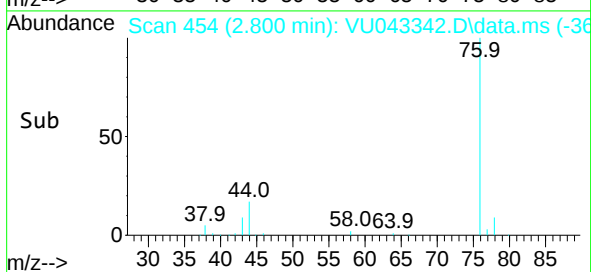
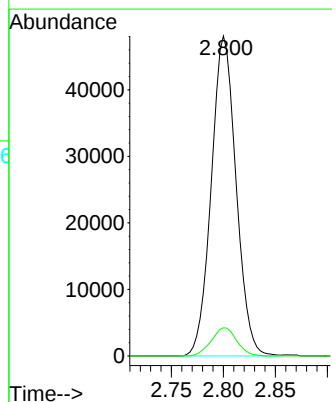
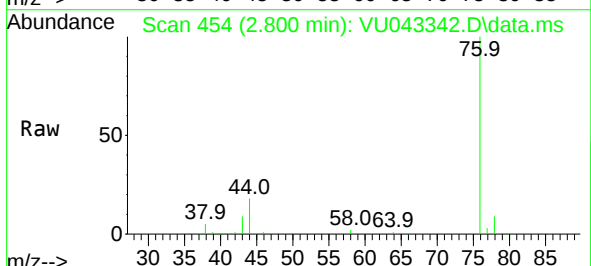


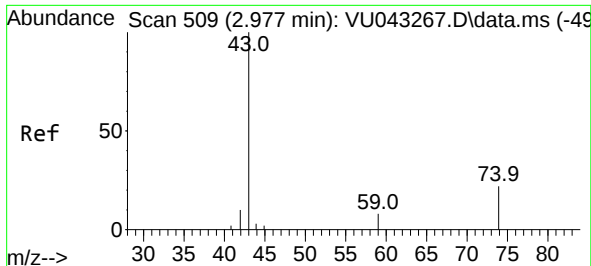
Tgt Ion: 43 Resp: 99996
Ion Ratio Lower Upper
43 100
58 6.7 0.0 25.0



#14
Carbon disulfide
Concen: 5.18 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 76 Resp: 79755
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

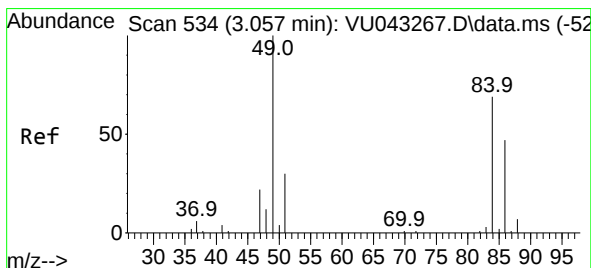
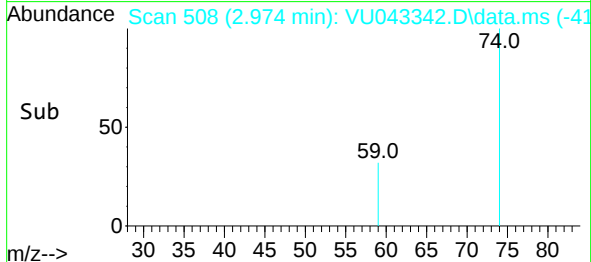
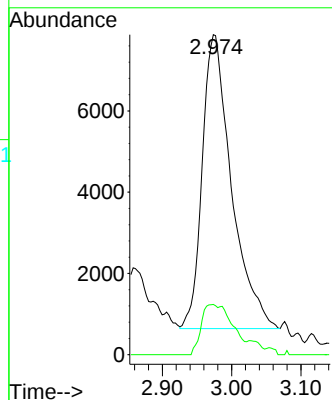
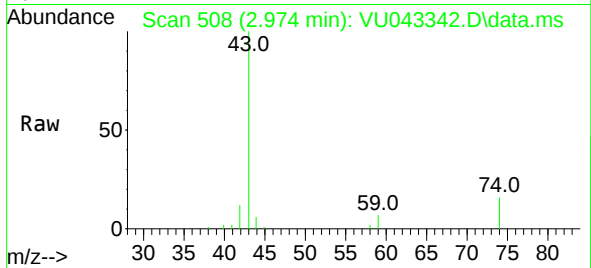




#15
Methyl Acetate
Concen: 6.35 ug/L
RT: 2.974 min Scan# 508
Delta R.T. 0.006 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

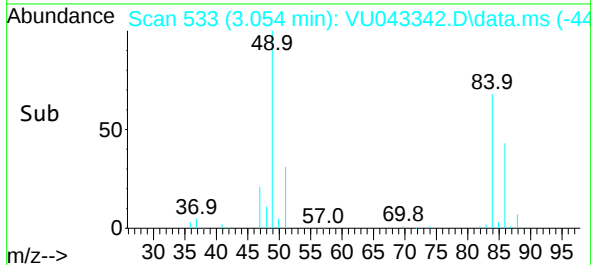
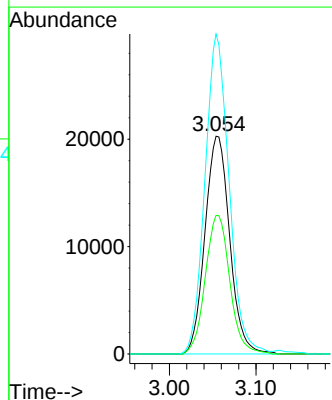
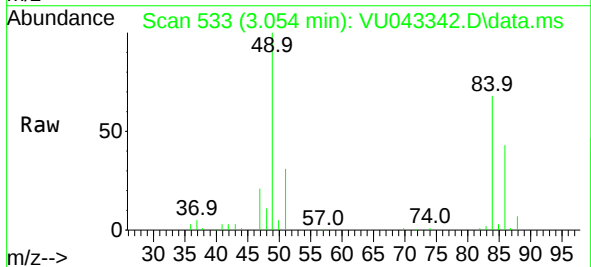
Instrument :
MSVOA_U
ClientSampled :

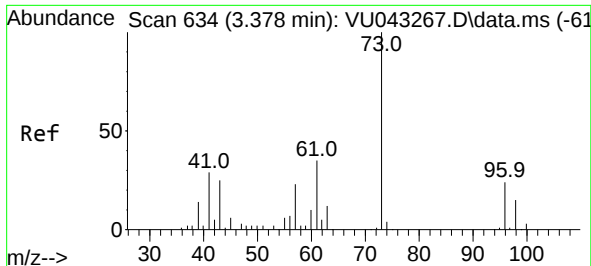
Tgt Ion: 43 Resp: 21250
Ion Ratio Lower Upper
43 100
74 18.2 21.5 32.3#



#16
Methylene chloride
Concen: 5.16 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 84 Resp: 40326
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.5
49 147.0 79.0 146.8#



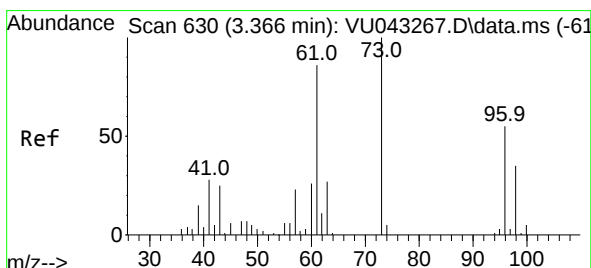
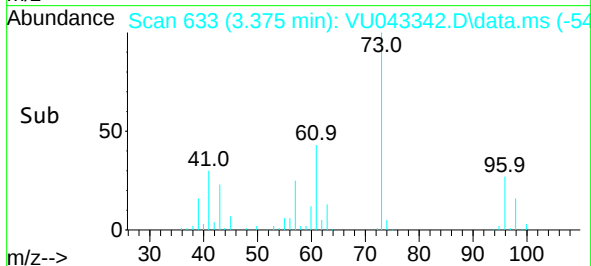
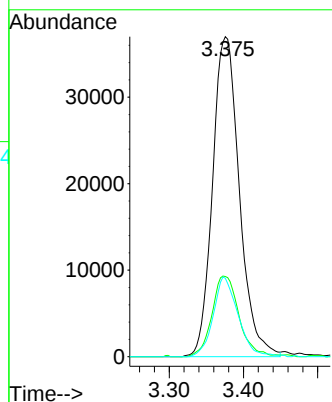
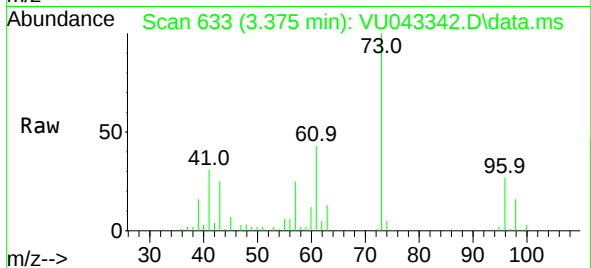


#17

Methyl tert-butyl Ether
Concen: 4.71 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :

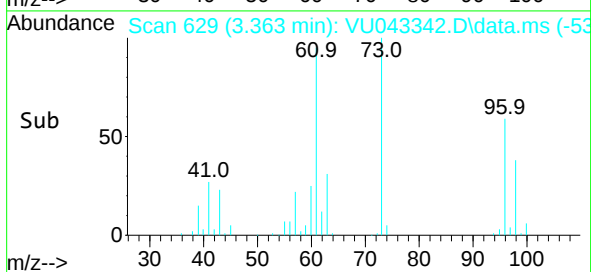
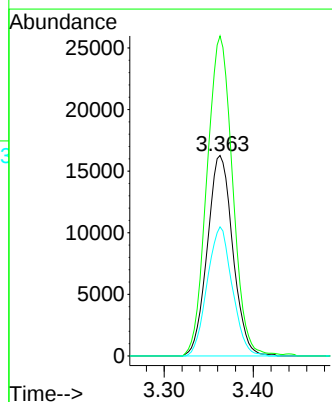
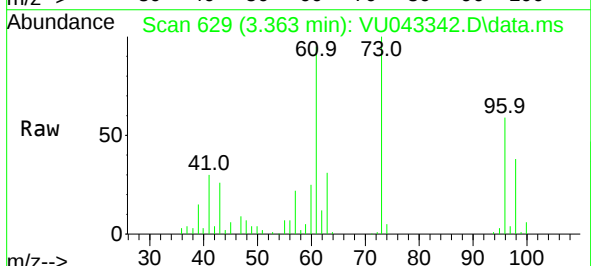
Tgt Ion: 73 Resp: 92892
Ion Ratio Lower Upper
73 100
43 25.3 15.0 22.4#
57 23.0 17.3 25.9

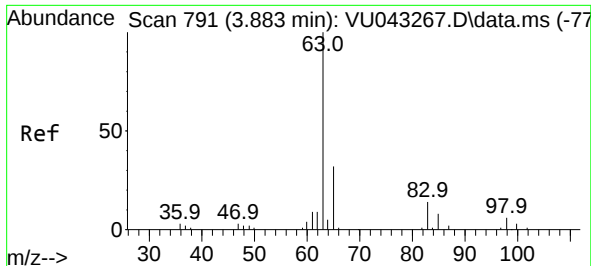


#18

trans-1,2-Dichloroethene
Concen: 5.02 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 96 Resp: 32303
Ion Ratio Lower Upper
96 100
61 159.6 96.6 179.4
98 64.4 44.7 82.9





#19

1,1-Dichloroethane

Concen: 5.33 ug/L

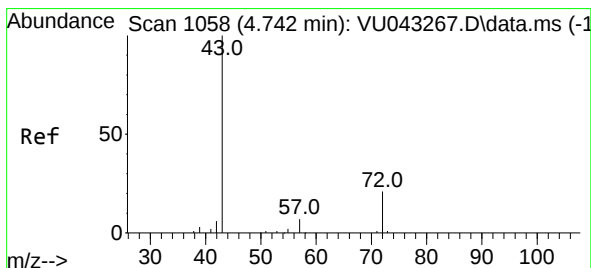
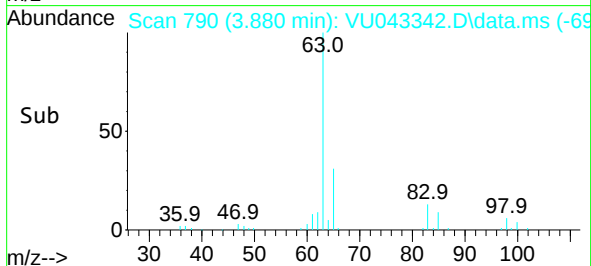
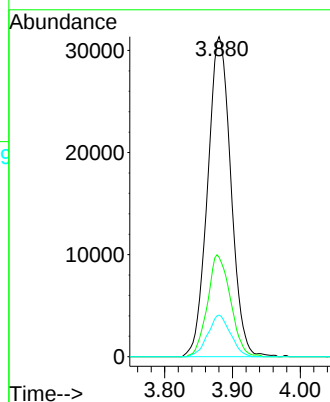
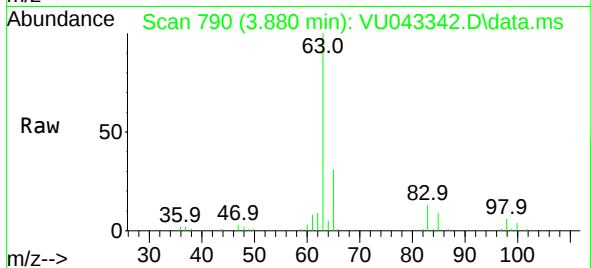
RT: 3.880 min Scan# 790

Delta R.T. 0.000 min

Lab File: VU043342.D

Acq: 27 Apr 2021 09:46

Tgt Ion: 63	Resp: 74665
Ion Ratio	Lower Upper
63 100	
65 31.0	23.2 43.0
83 13.0	9.9 18.3



#21

2-Butanone

Concen: 60.20 ug/L

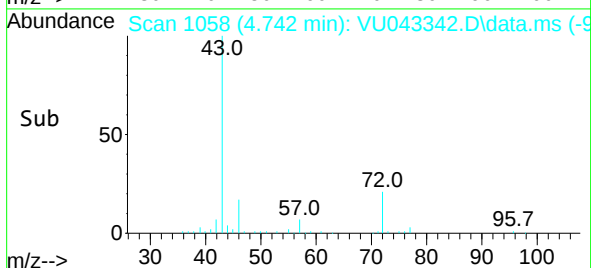
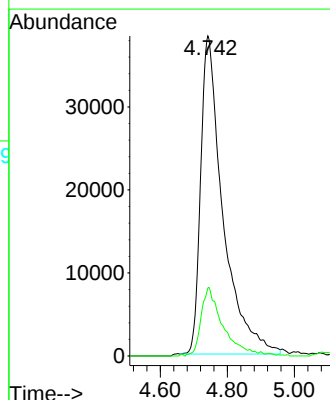
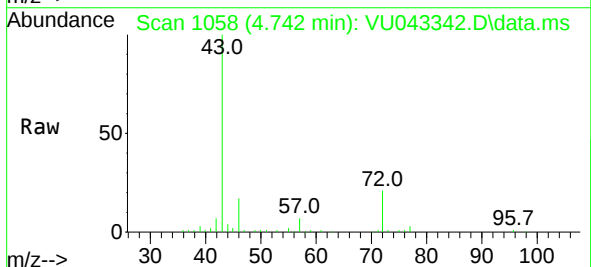
RT: 4.742 min Scan# 1058

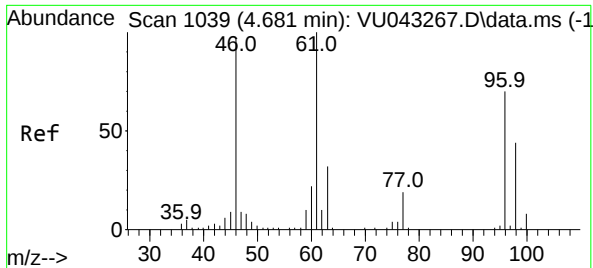
Delta R.T. 0.010 min

Lab File: VU043342.D

Acq: 27 Apr 2021 09:46

Tgt Ion: 43	Resp: 176811
Ion Ratio	Lower Upper
43 100	
72 20.2	15.8 47.3

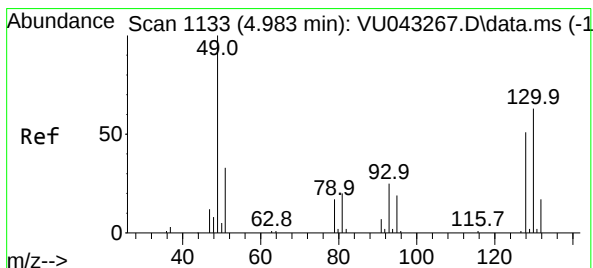
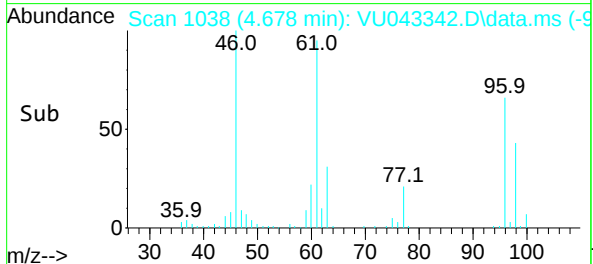
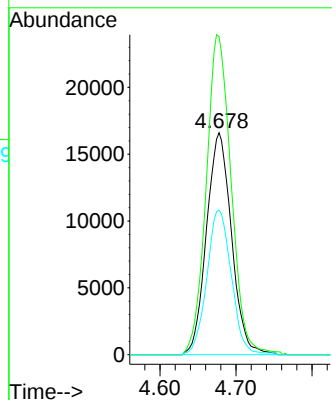
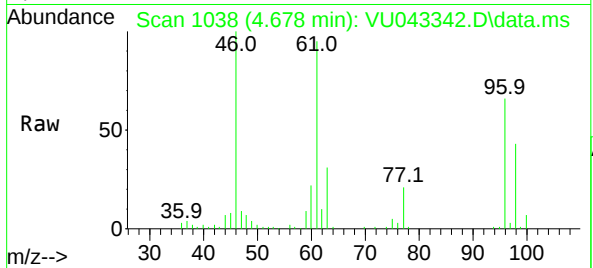




#22
cis-1,2-Dichloroethene
Concen: 4.98 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

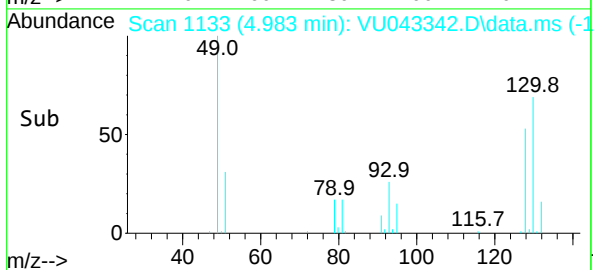
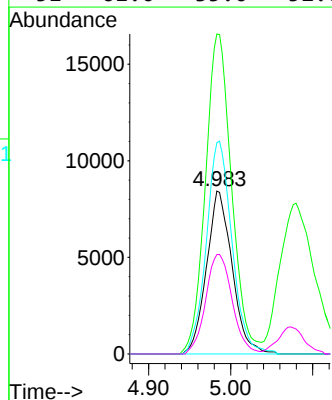
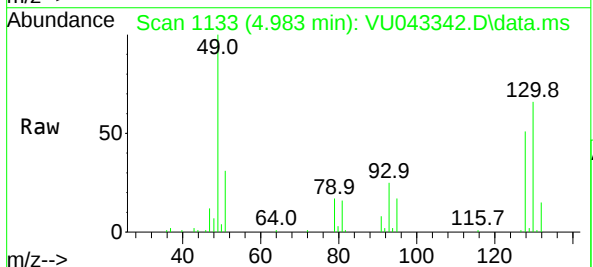
Instrument :
MSVOA_U
ClientSampleId :

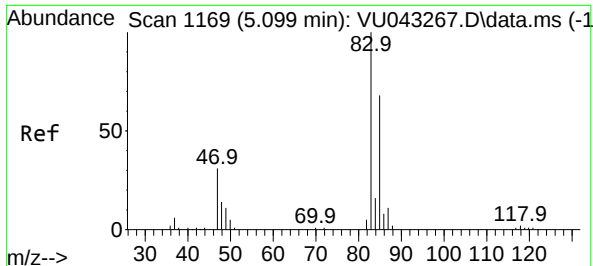
Tgt Ion: 96 Resp: 37993
Ion Ratio Lower Upper
96 100
61 143.3 87.4 162.4
98 65.2 47.7 88.5



#23
Bromochloromethane
Concen: 5.26 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion:128 Resp: 18294
Ion Ratio Lower Upper
128 100
49 196.5 96.4 179.0#
130 129.7 91.2 169.4
51 61.0 35.0 52.6#



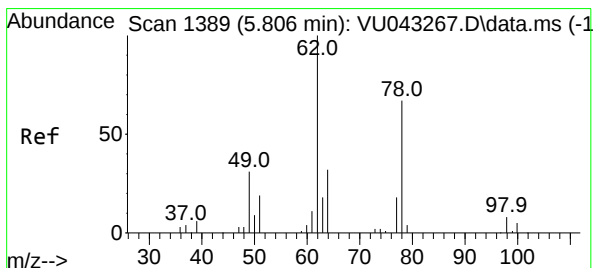
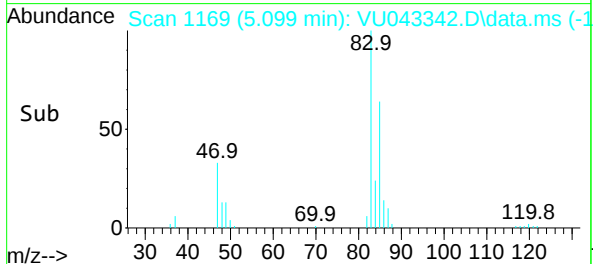
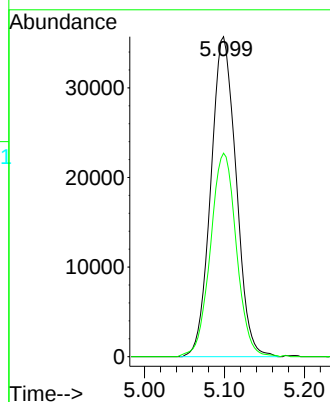
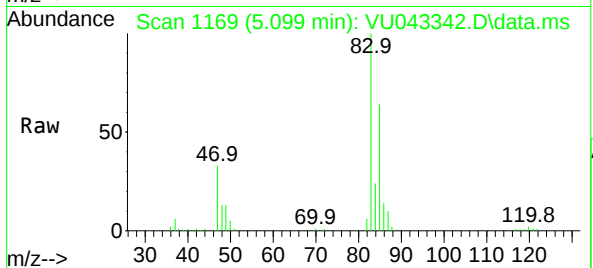


#25

Chloroform
Concen: 5.24 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Instrument :
MSVOA_U
ClientSampled :

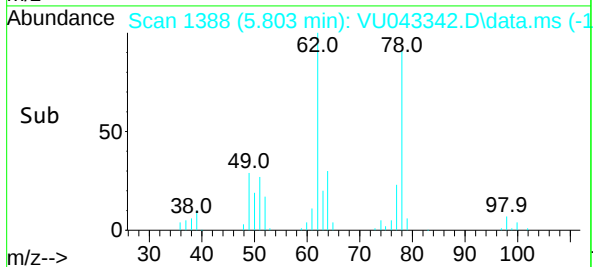
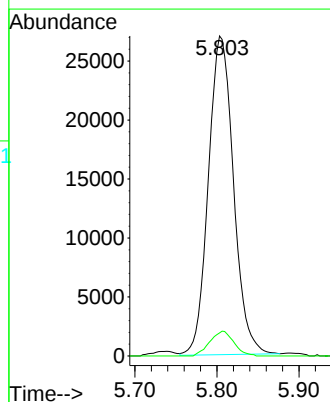
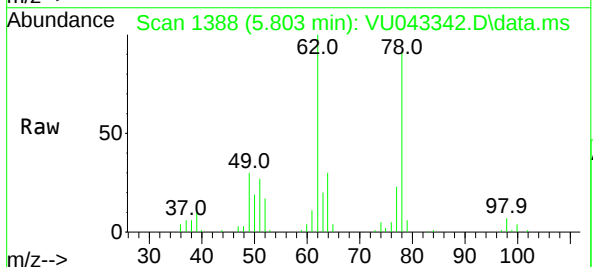
Tgt Ion: 83 Resp: 78356
Ion Ratio Lower Upper
83 100
85 63.6 45.6 84.8

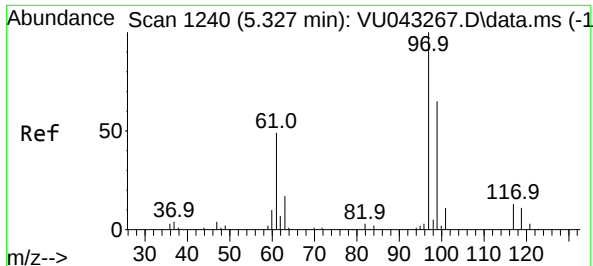


#27

1,2-Dichloroethane
Concen: 5.26 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 62 Resp: 57642
Ion Ratio Lower Upper
62 100
98 7.2 7.5 11.3#





#29

1,1,1-Trichloroethane

Concen: 4.98 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU043342.D

Acq: 27 Apr 2021 09:46

Tgt Ion: 97 Resp: 66977

Ion Ratio Lower Upper

97 100

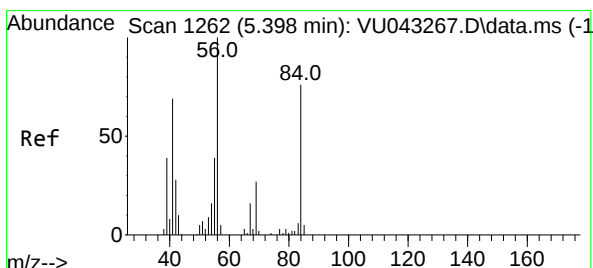
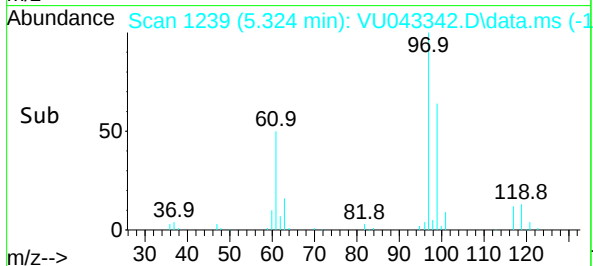
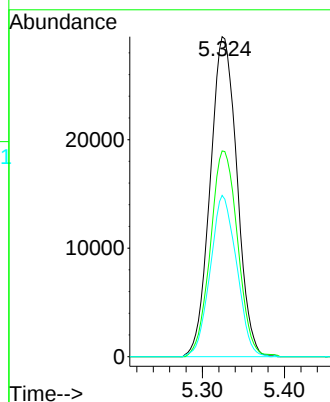
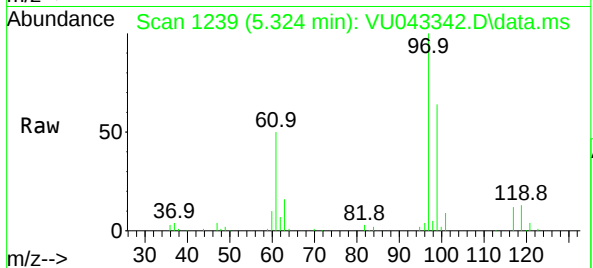
99 65.5 50.3 75.5

61 49.6 32.7 49.1#

Instrument :

MSVOA_U

ClientSampled :



#30

Cyclohexane

Concen: 4.56 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.000 min

Lab File: VU043342.D

Acq: 27 Apr 2021 09:46

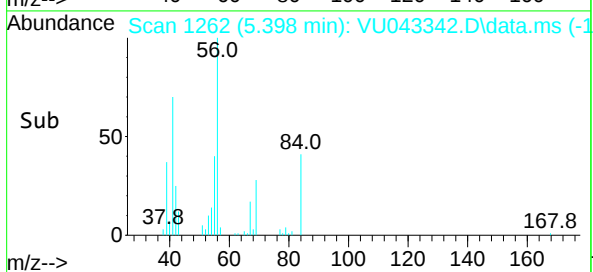
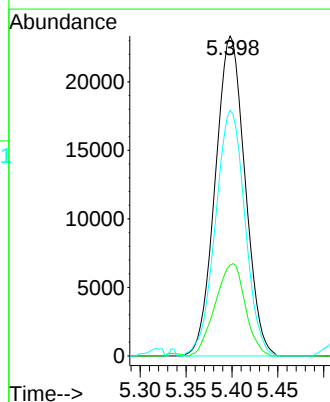
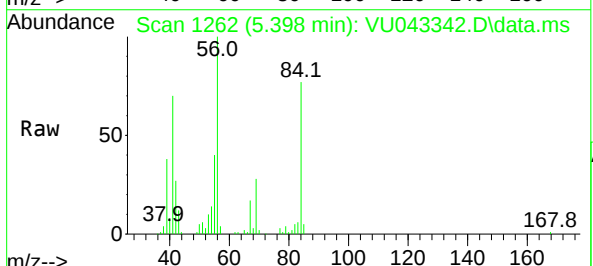
Tgt Ion: 56 Resp: 52616

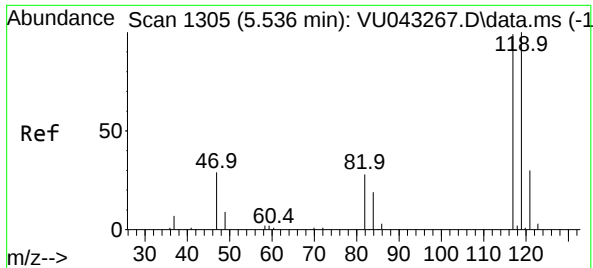
Ion Ratio Lower Upper

56 100

69 29.1 25.2 37.8

84 76.4 76.2 114.4

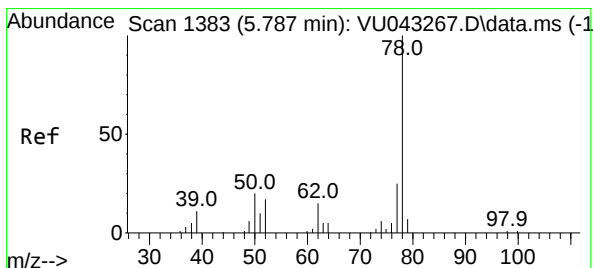
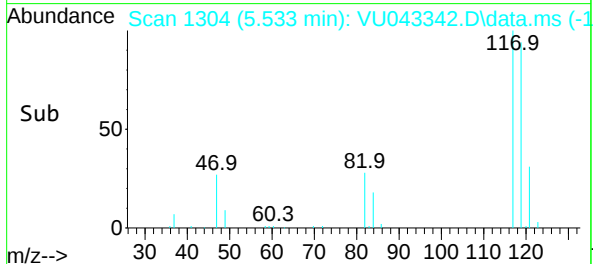
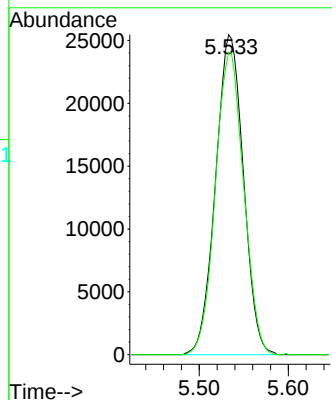
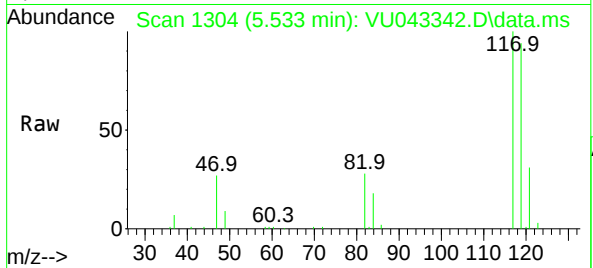




#31
Carbon tetrachloride
Concen: 4.93 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

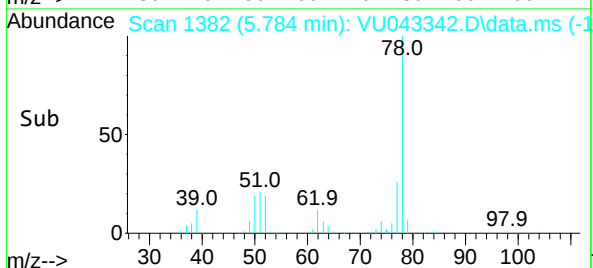
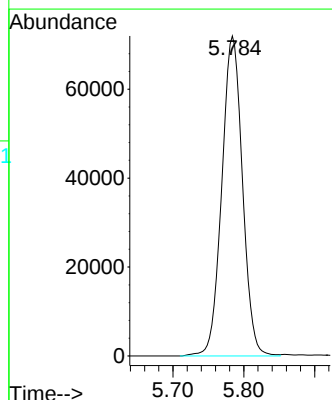
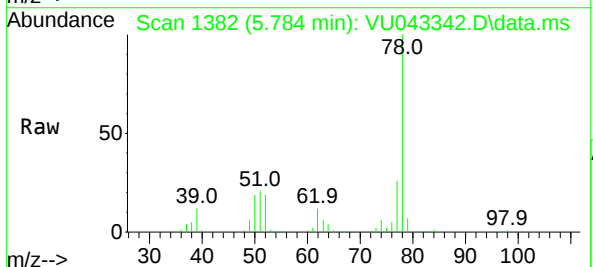
Instrument :
MSVOA_U
ClientSampled :

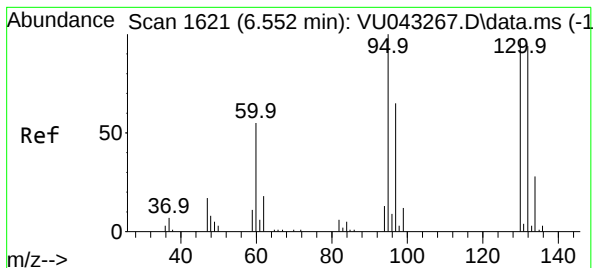
Tgt Ion:117 Resp: 55258
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4



#33
Benzene
Concen: 5.00 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

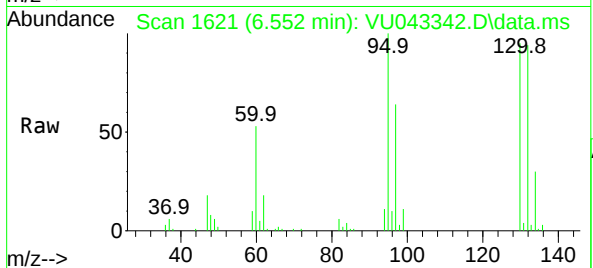
Tgt Ion: 78 Resp: 145825





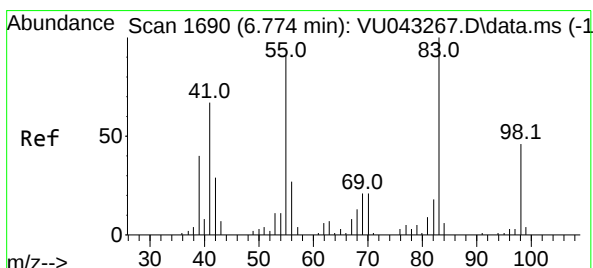
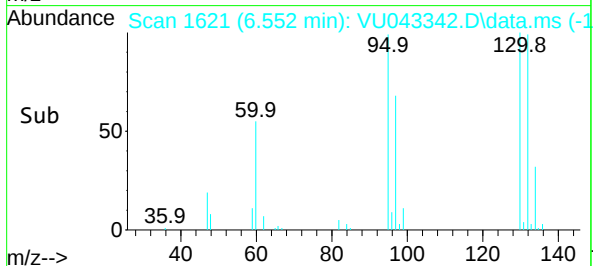
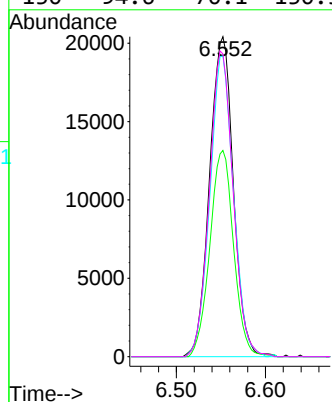
#34
Trichloroethene
Concen: 4.73 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Instrument :
MSVOA_U
ClientSampled :

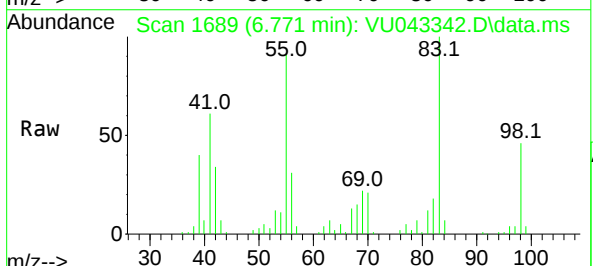


Tgt Ion: 95 Resp: 37961

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.8	85.2
132	94.0	68.7	127.7
130	94.6	70.1	130.3

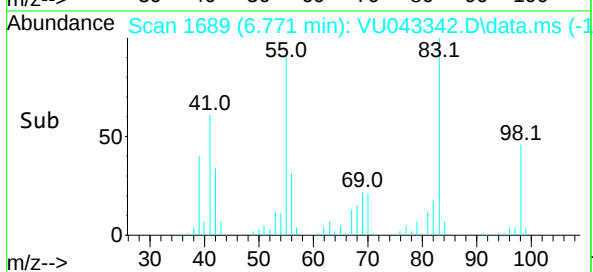
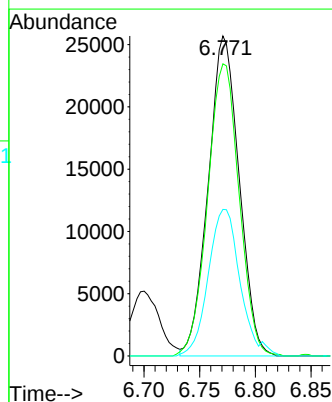


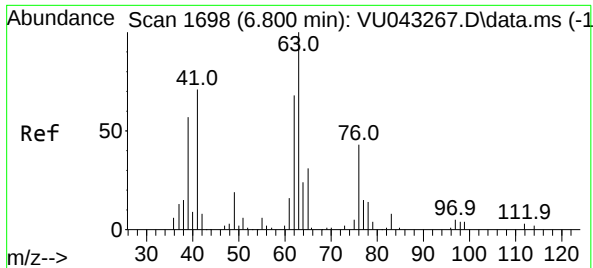
#35
Methylcyclohexane
Concen: 4.46 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46



Tgt Ion: 83 Resp: 49585

Ion	Ratio	Lower	Upper
83	100		
55	93.0	59.5	89.3
98	47.0	37.9	56.9

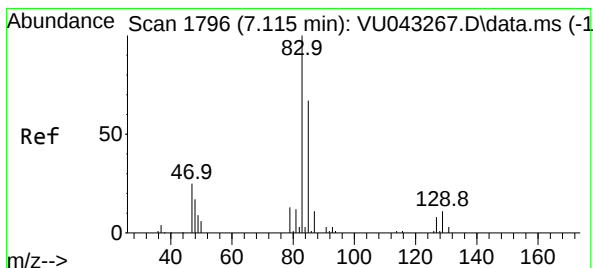
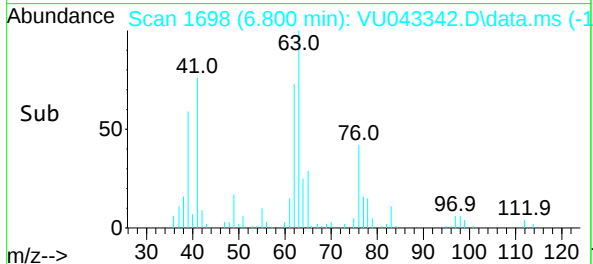
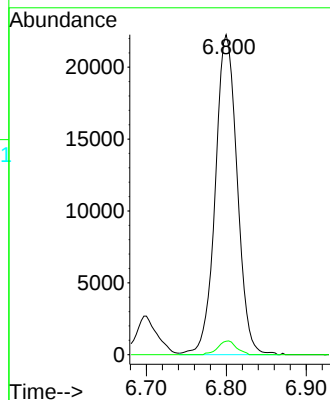
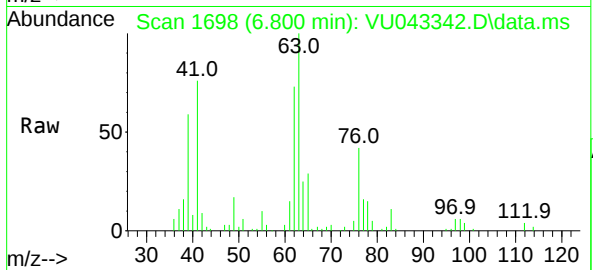




#37
1,2-Dichloropropane
Concen: 5.15 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

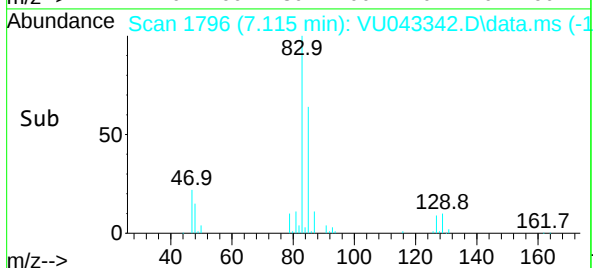
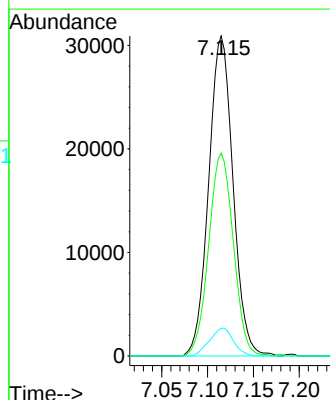
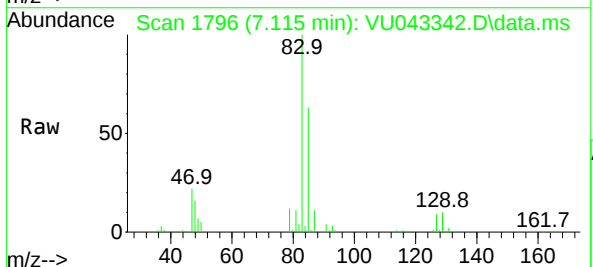
Instrument :
MSVOA_U
ClientSampleId :

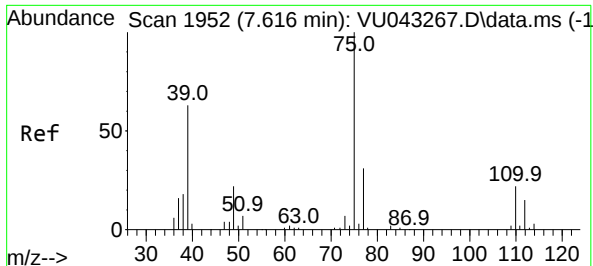
Tgt Ion: 63 Resp: 42238
Ion Ratio Lower Upper
63 100
112 3.7 3.5 5.3



#38
Bromodichloromethane
Concen: 5.18 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 83 Resp: 57008
Ion Ratio Lower Upper
83 100
85 63.3 44.6 82.8
127 8.6 7.4 11.2



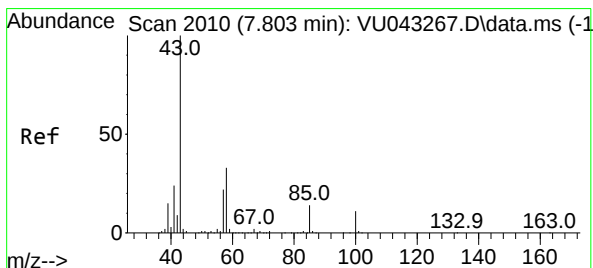
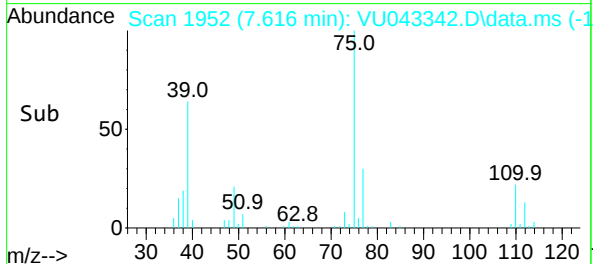
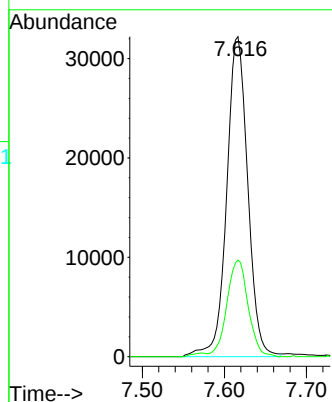
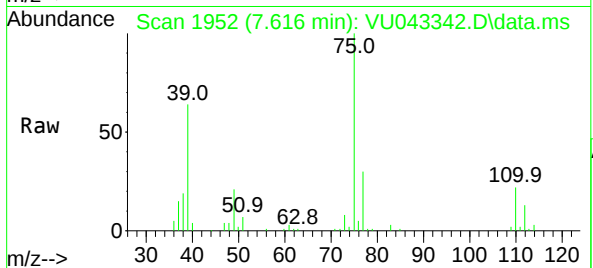


#39

cis-1,3-Dichloropropene
Concen: 4.80 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Instrument :
MSVOA_U
ClientSampled :

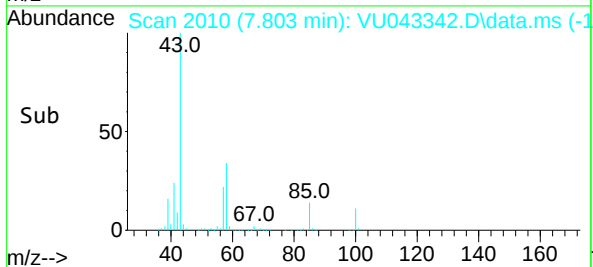
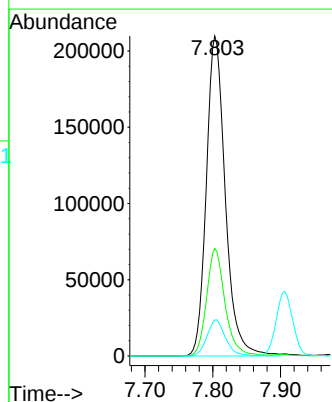
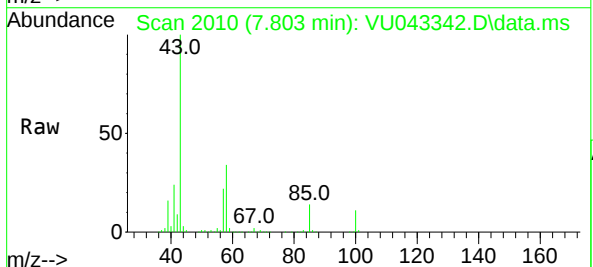
Tgt Ion: 75 Resp: 57595
Ion Ratio Lower Upper
75 100
77 30.2 21.8 40.6

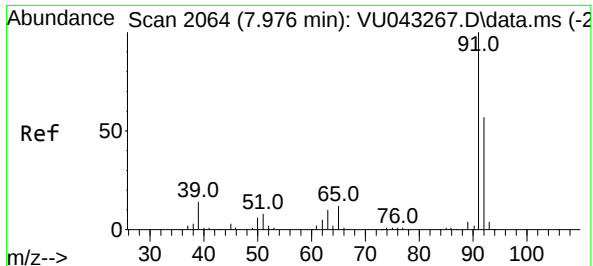


#40

4-Methyl-2-pentanone
Concen: 55.56 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 43 Resp: 407885
Ion Ratio Lower Upper
43 100
58 32.6 35.8 53.6#
100 11.0 15.1 22.7#

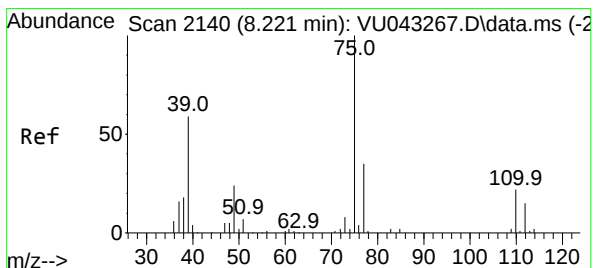
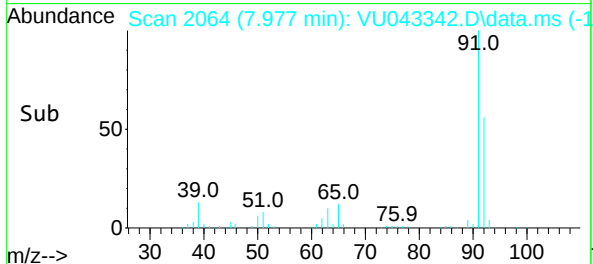
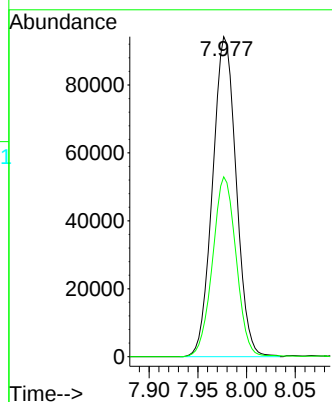
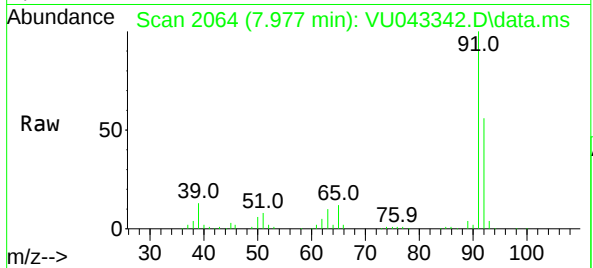




#42
Toluene
Concen: 4.89 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

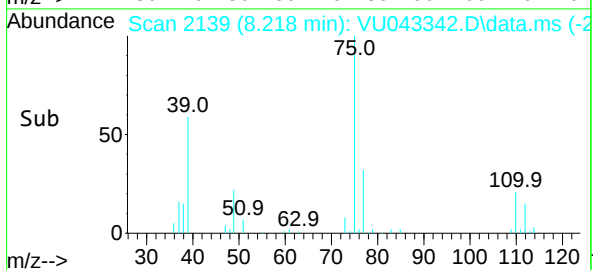
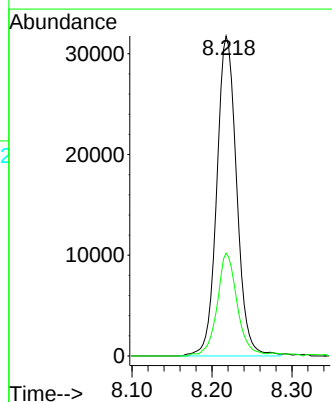
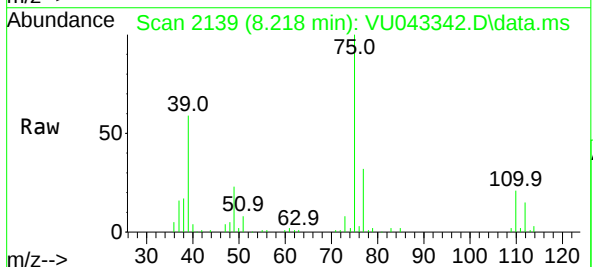
Instrument :
MSVOA_U
ClientSampled :

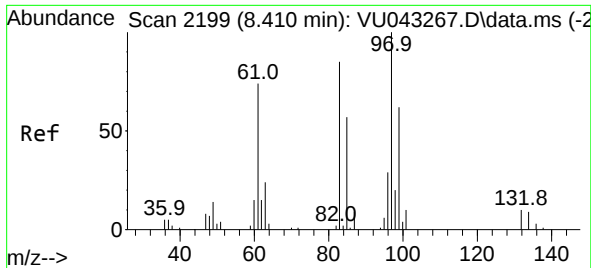
Tgt Ion: 91 Resp: 159127
Ion Ratio Lower Upper
91 100
92 56.2 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.85 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 75 Resp: 54745
Ion Ratio Lower Upper
75 100
77 32.1 23.4 43.4

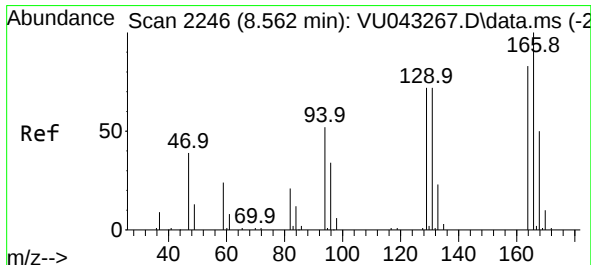
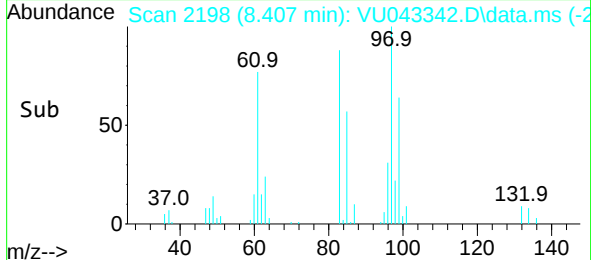
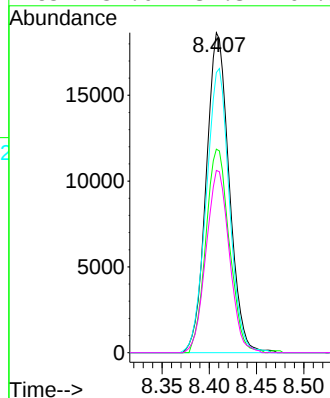
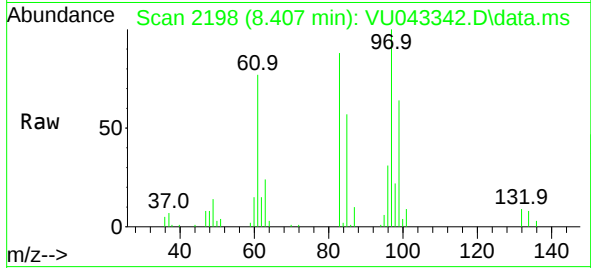




#45
1,1,2-Trichloroethane
Concen: 5.15 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

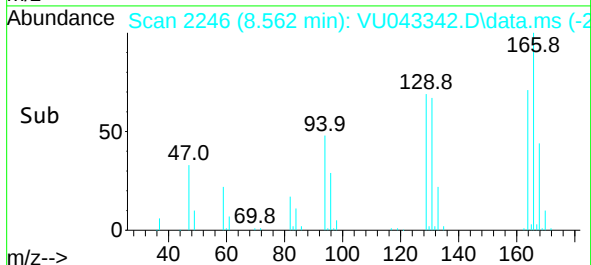
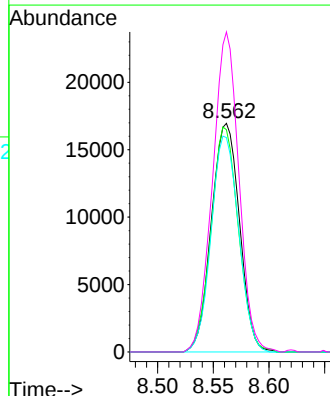
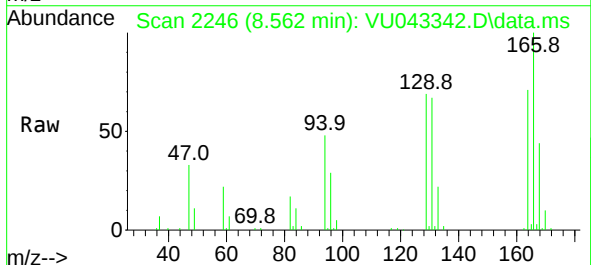
Instrument :
MSVOA_U
ClientSampled :

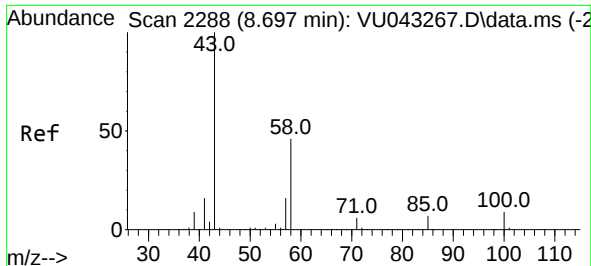
Tgt Ion:	97	Resp:	31555
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.2	82.0
83	87.5	60.1	111.7
85	57.0	37.3	69.3



#47
Tetrachloroethene
Concen: 4.67 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion:	164	Resp:	29742
Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.6	123.8
131	93.8	65.9	122.3
166	140.0	93.7	173.9

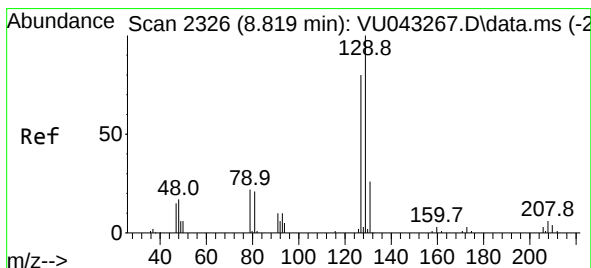
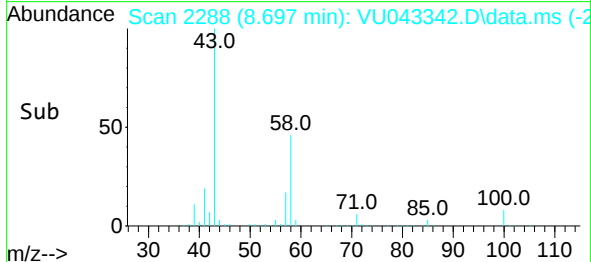
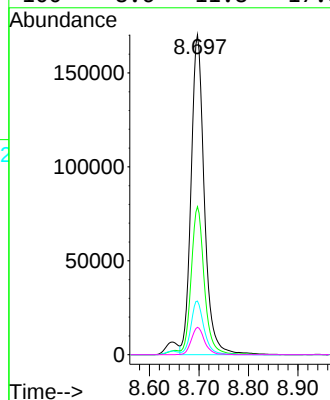
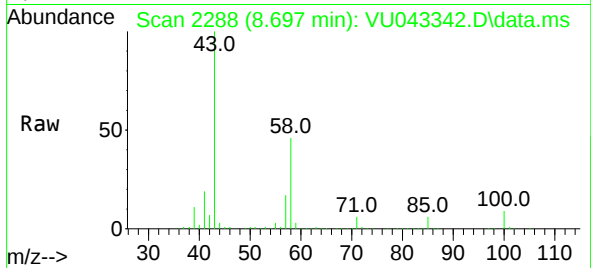




#48
2-Hexanone
Concen: 58.82 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

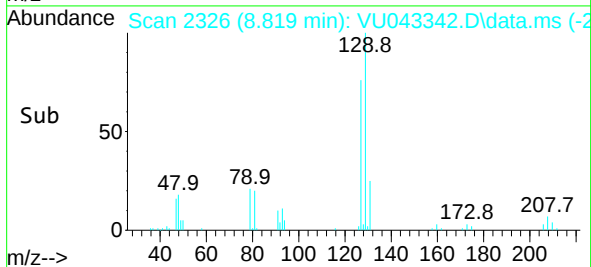
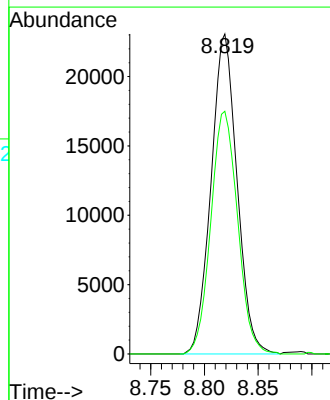
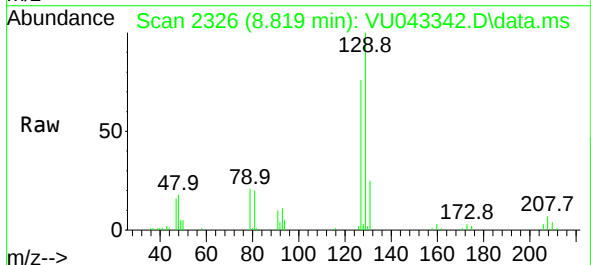
Instrument :
MSVOA_U
ClientSampleId :

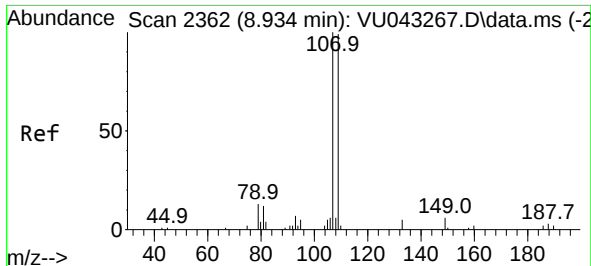
Tgt Ion: 43 Resp: 317725
Ion Ratio Lower Upper
43 100
58 44.9 50.0 75.0#
57 16.3 17.4 26.0#
100 8.6 11.8 17.8#



#49
Dibromochloromethane
Concen: 5.01 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 129 Resp: 38783
Ion Ratio Lower Upper
129 100
127 75.9 56.6 105.2





#50

1,2-Dibromoethane

Concen: 5.07 ug/L

RT: 8.932 min Scan# 2361

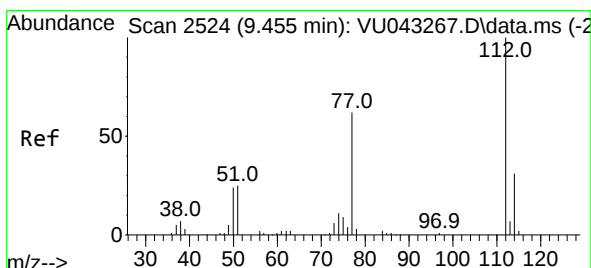
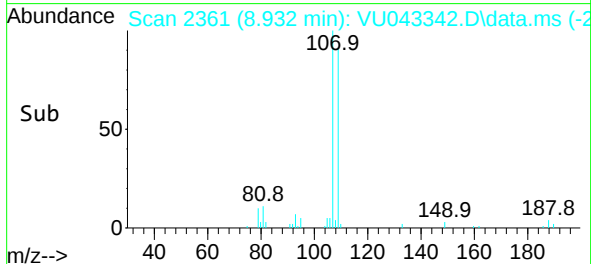
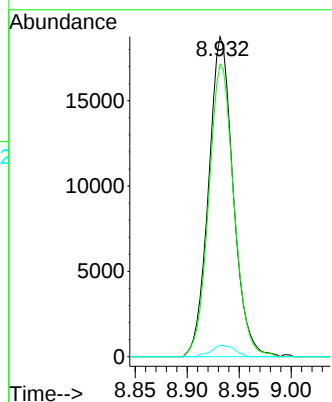
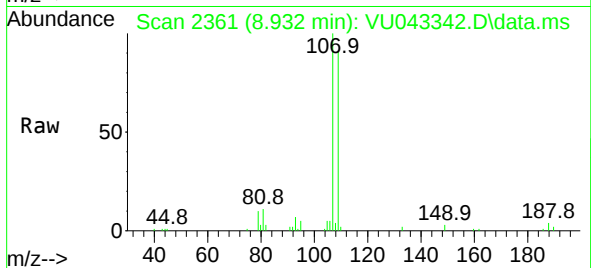
Delta R.T. 0.000 min

Lab File: VU043342.D

Acq: 27 Apr 2021 09:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	107	Resp:	30899
Ion	Ratio	Lower	Upper
107	100		
109	91.3	65.4	121.4
188	3.6	2.5	3.7



#51

Chlorobenzene

Concen: 4.68 ug/L

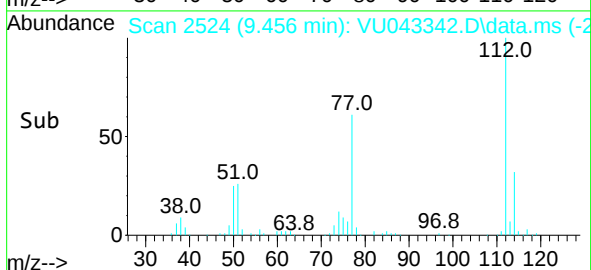
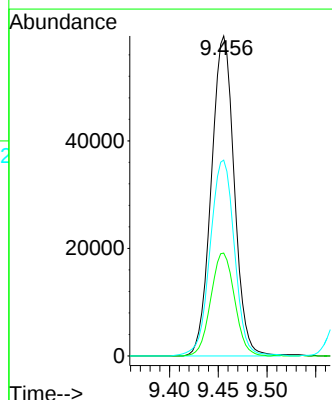
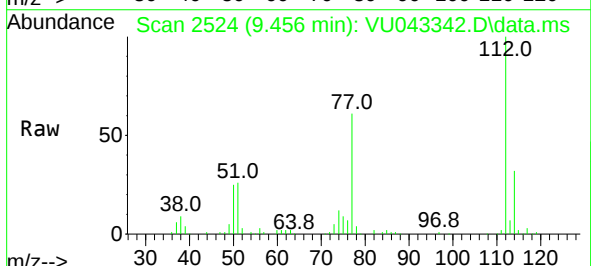
RT: 9.456 min Scan# 2524

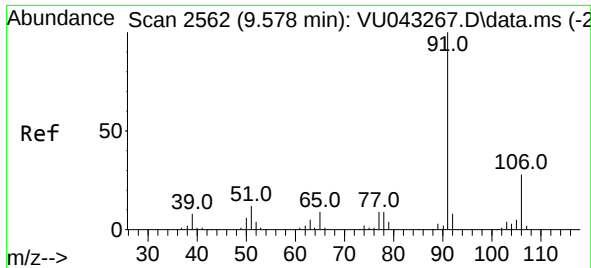
Delta R.T. 0.003 min

Lab File: VU043342.D

Acq: 27 Apr 2021 09:46

Tgt Ion:	112	Resp:	97279
Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.9	40.7
77	61.2	45.1	67.7

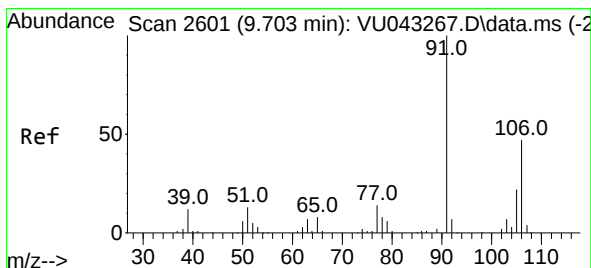
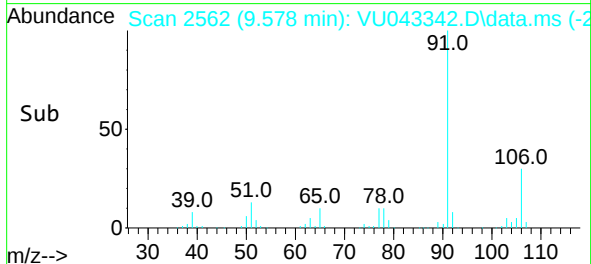
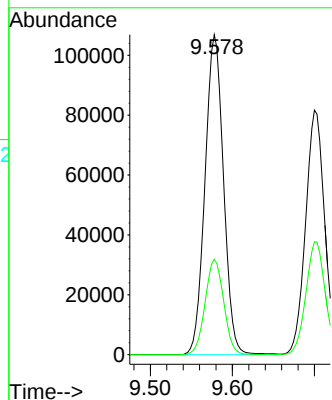
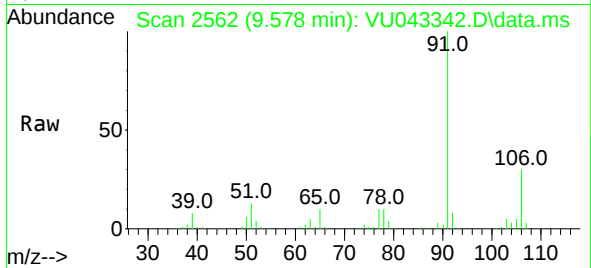




#52
Ethylbenzene
Concen: 4.51 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

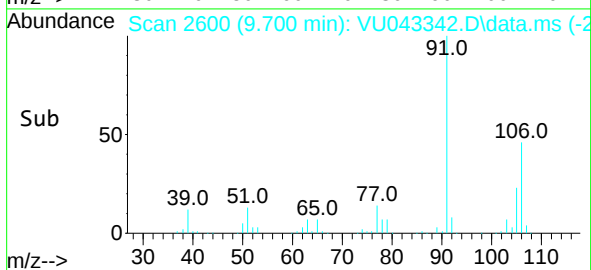
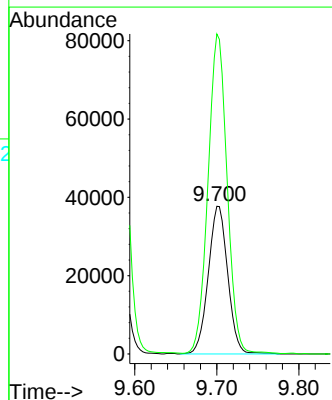
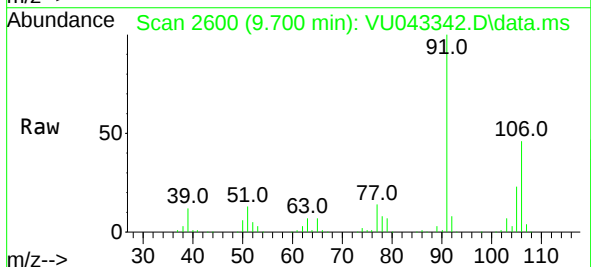
Instrument :
MSVOA_U
ClientSampled :

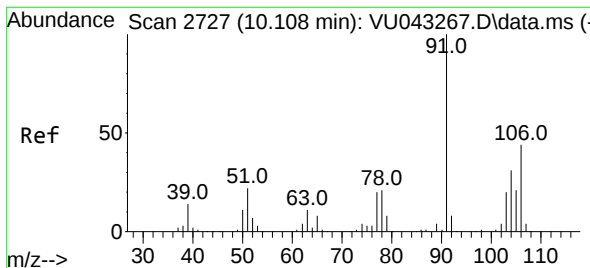
Tgt Ion: 91 Resp: 168114
Ion Ratio Lower Upper
91 100
106 29.8 22.0 40.8



#53
m,p-Xylene
Concen: 4.57 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 106 Resp: 62326
Ion Ratio Lower Upper
106 100
91 216.6 137.6 255.6

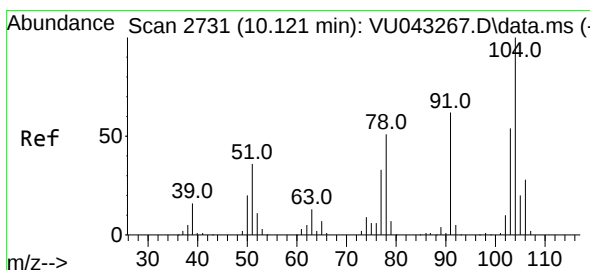
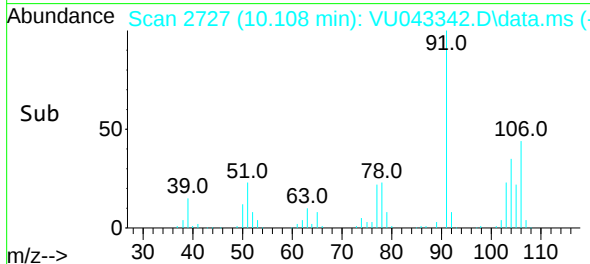
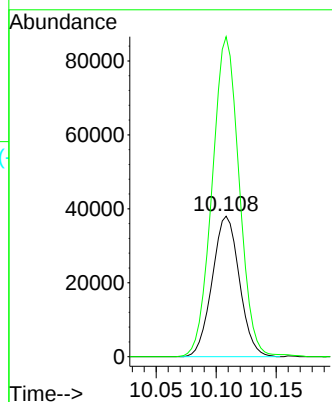
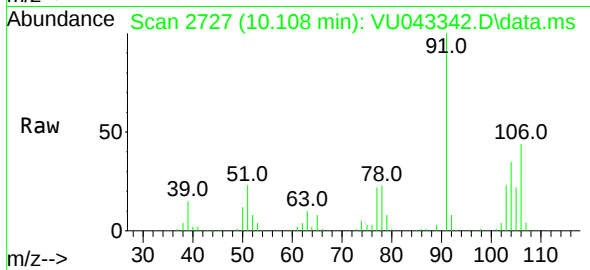




#54
o-Xylene
Concen: 4.43 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

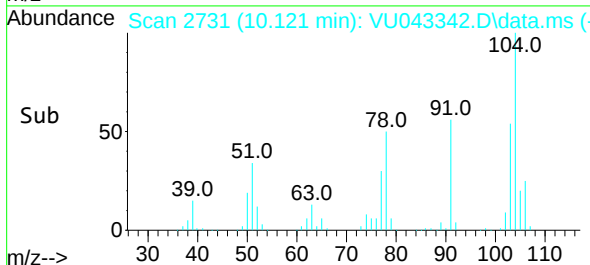
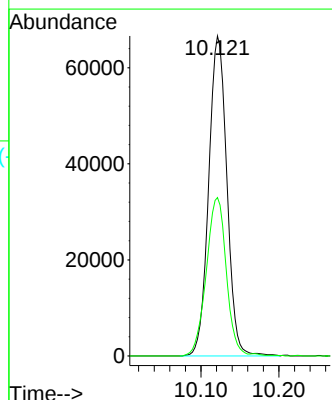
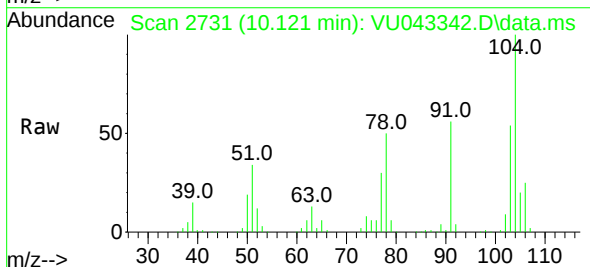
Instrument :
MSVOA_U
ClientSampleId :

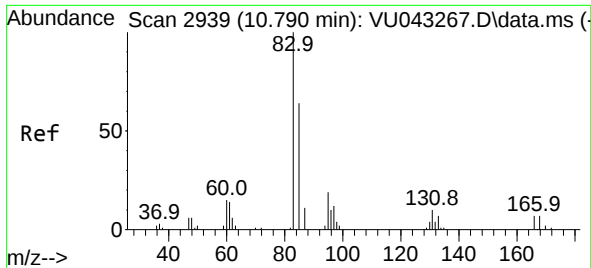
Tgt Ion:106 Resp: 59851
Ion Ratio Lower Upper
106 100
91 227.7 148.5 275.9



#55
Styrene
Concen: 4.68 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion:104 Resp: 108281
Ion Ratio Lower Upper
104 100
78 49.5 32.3 60.1

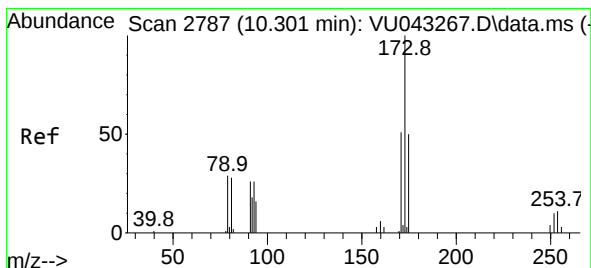
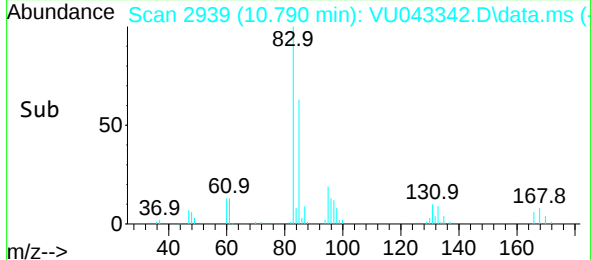
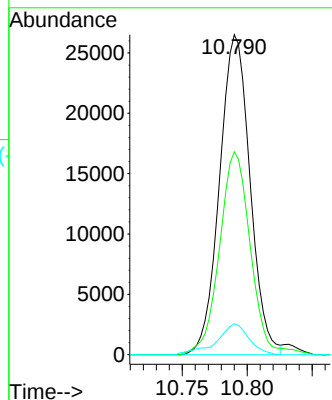
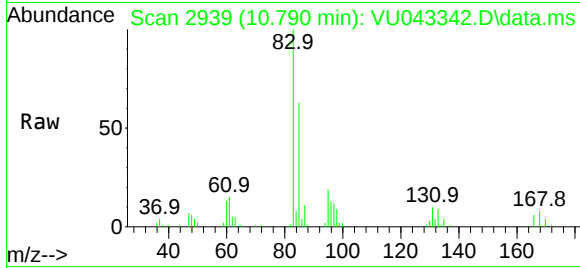




#57
1,1,2,2-Tetrachloroethane
Concen: 5.36 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

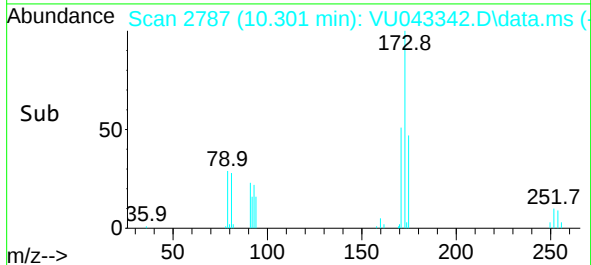
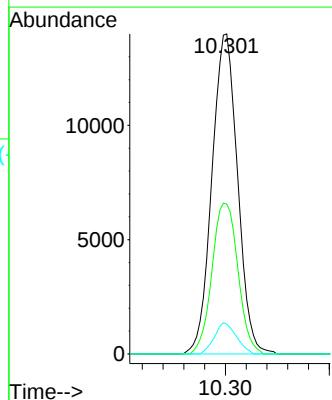
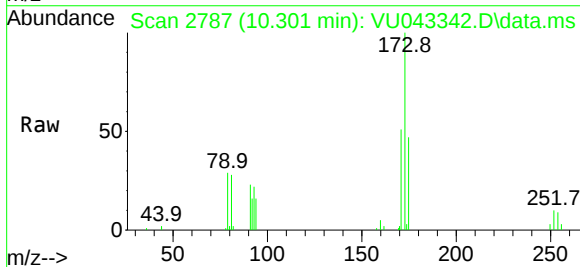
Instrument :
MSVOA_U
ClientSampled :

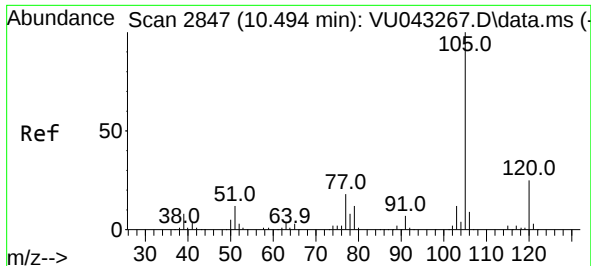
Tgt Ion:	83	Resp:	43243
Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.9	83.5
131	9.6	8.2	12.4



#59
Bromoform
Concen: 4.88 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion:	173	Resp:	24012
Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.4	59.0
254	8.3	8.0	12.0

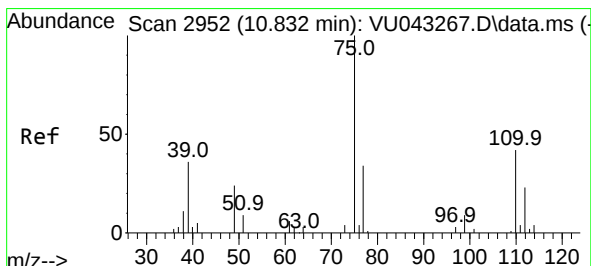
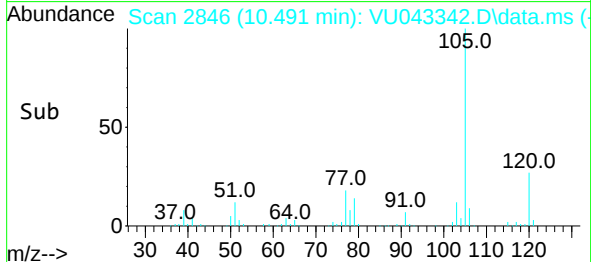
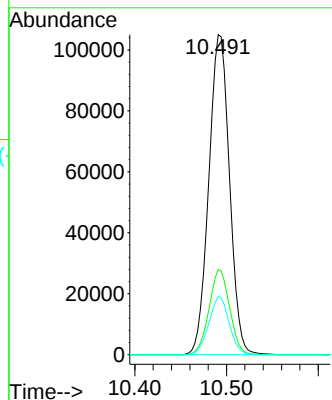
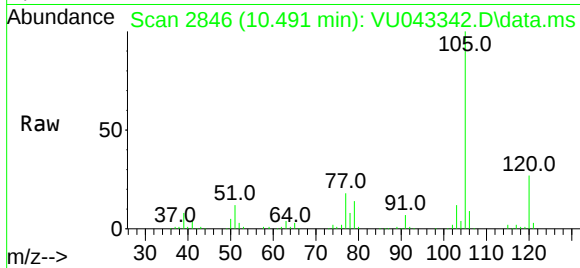




#60
Isopropylbenzene
Concen: 4.26 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

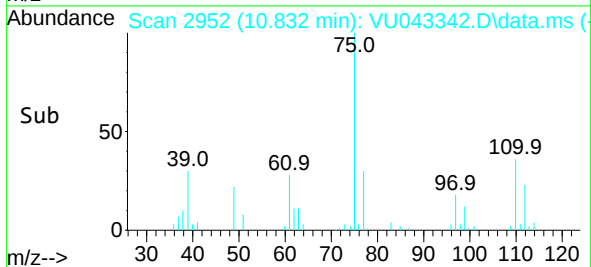
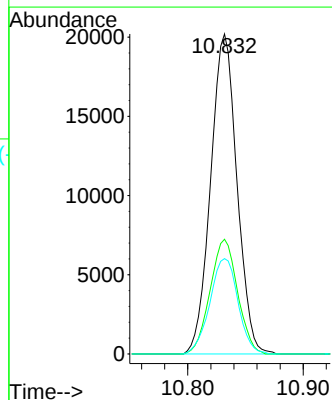
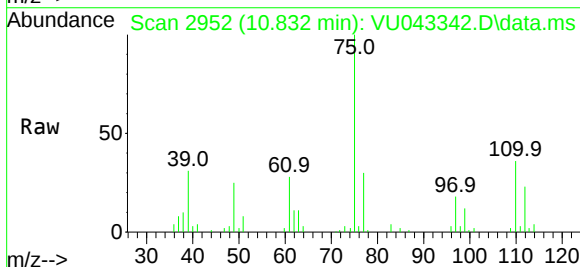
Instrument :
MSVOA_U
ClientSampled :

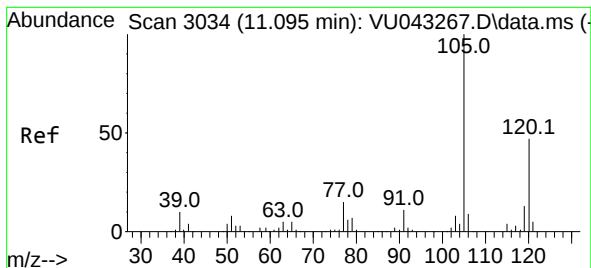
Tgt Ion:105 Resp: 164734
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 17.8 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 5.14 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 75 Resp: 31983
Ion Ratio Lower Upper
75 100
110 37.4 31.5 47.3
77 31.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.14 ug/L

RT: 11.095 min Scan# 3034

Delta R.T. 0.000 min

Lab File: VU043342.D

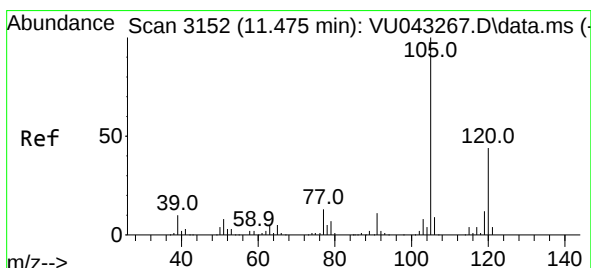
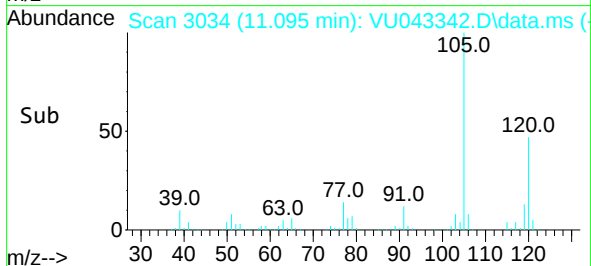
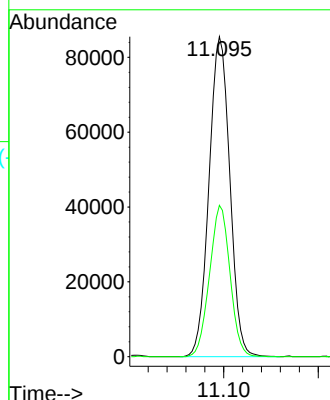
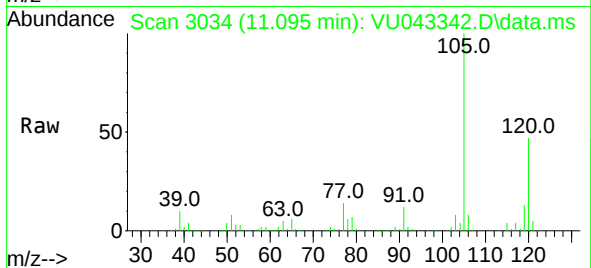
Acq: 27 Apr 2021 09:46

Tgt Ion:105 Resp: 130675

Ion Ratio Lower Upper

105 100

120 46.5 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 4.05 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VU043342.D

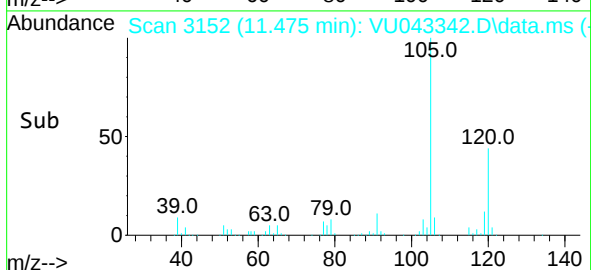
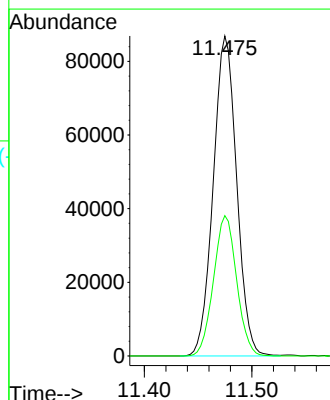
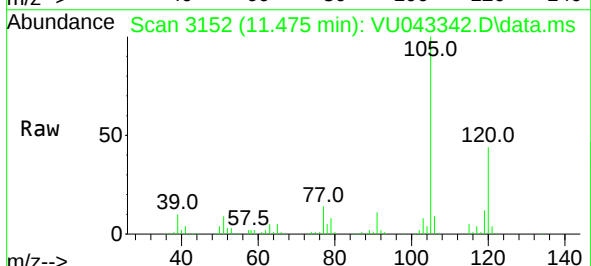
Acq: 27 Apr 2021 09:46

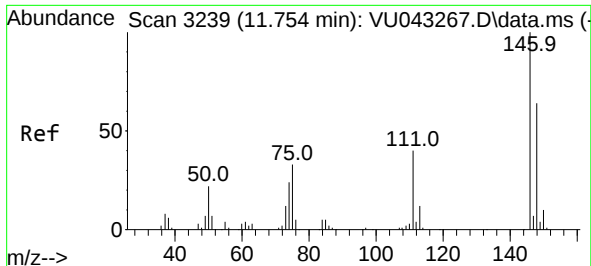
Tgt Ion:105 Resp: 131516

Ion Ratio Lower Upper

105 100

120 43.2 36.7 55.1

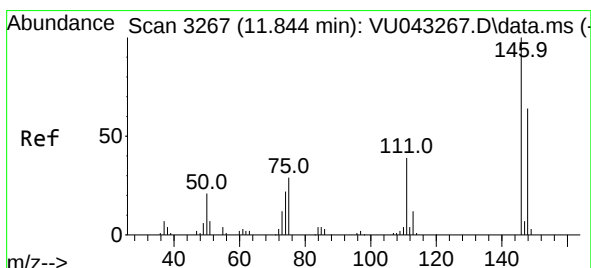
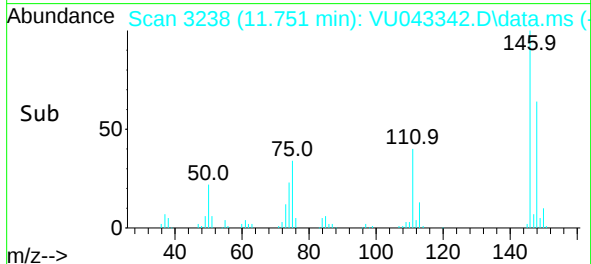
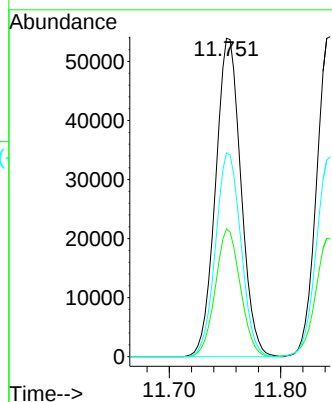
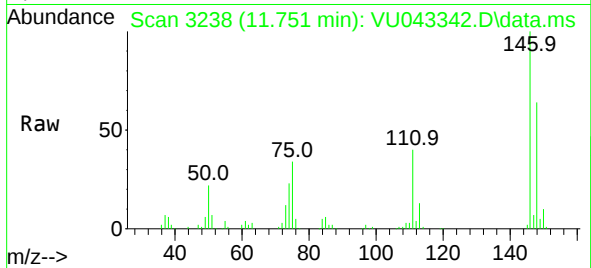




#64
1,3-Dichlorobenzene
Concen: 4.66 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

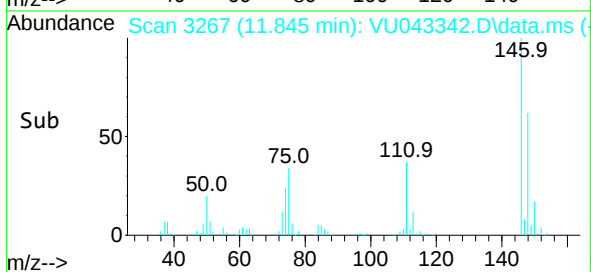
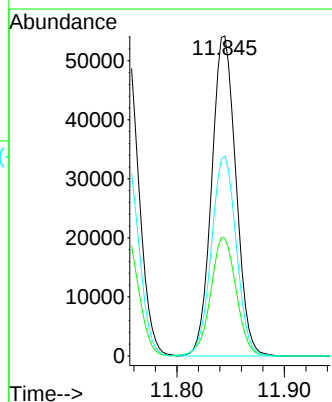
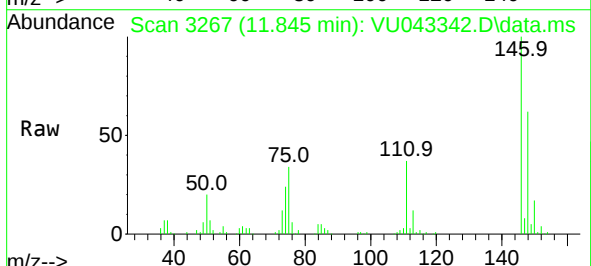
Instrument :
MSVOA_U
ClientSampleId :

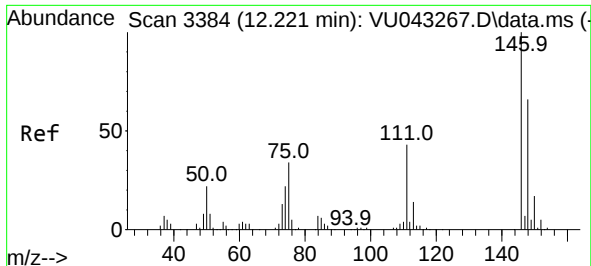
Tgt Ion:146 Resp: 85418
Ion Ratio Lower Upper
146 100
111 40.1 27.6 51.2
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.57 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion:146 Resp: 85064
Ion Ratio Lower Upper
146 100
111 36.8 26.7 49.5
148 62.4 43.9 81.5

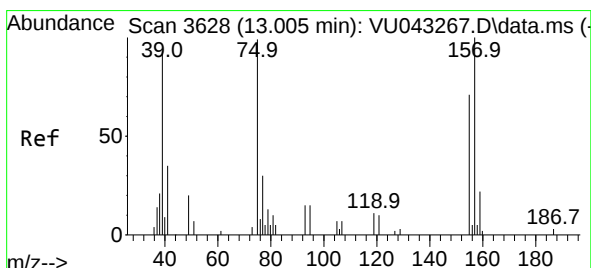
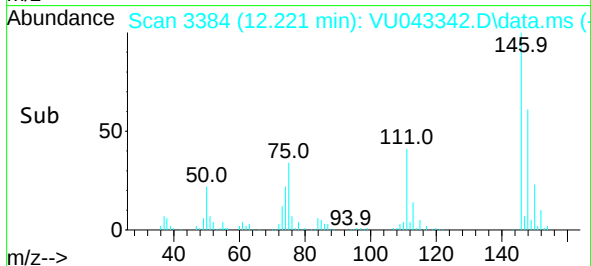
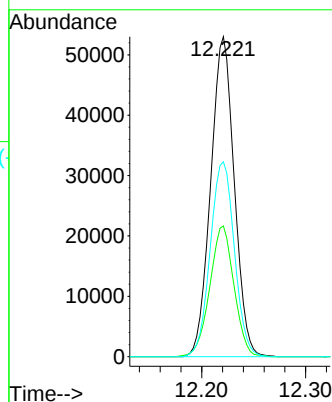
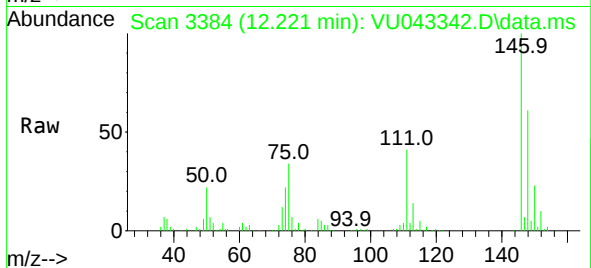




#67
1,2-Dichlorobenzene
Concen: 4.69 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

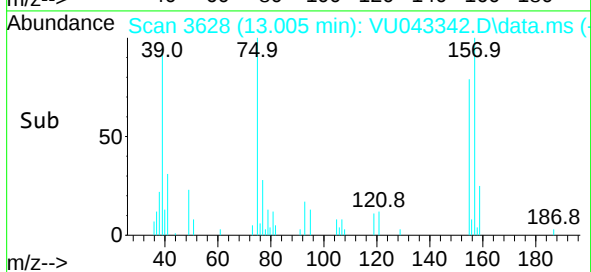
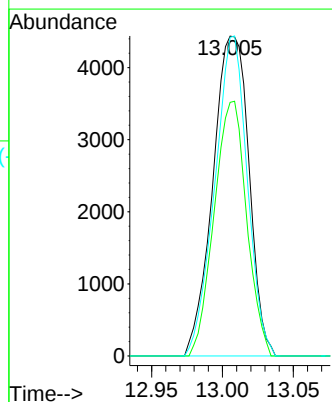
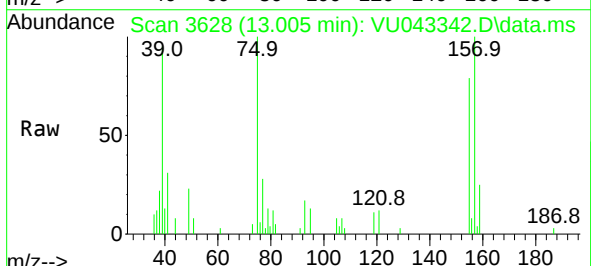
Instrument :
MSVOA_U
ClientSampled :

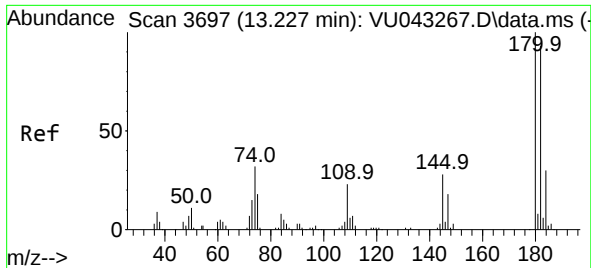
Tgt Ion:146 Resp: 83559
Ion Ratio Lower Upper
146 100
111 40.8 31.9 47.9
148 60.9 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.20 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion: 75 Resp: 7866
Ion Ratio Lower Upper
75 100
155 79.3 67.8 101.8
157 99.6 82.4 123.6



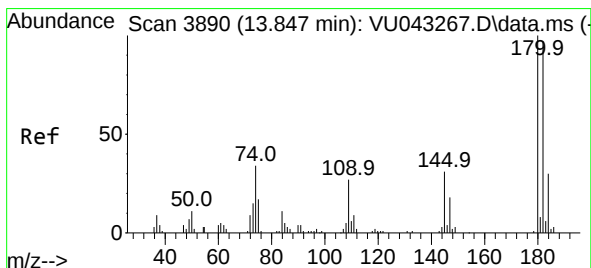
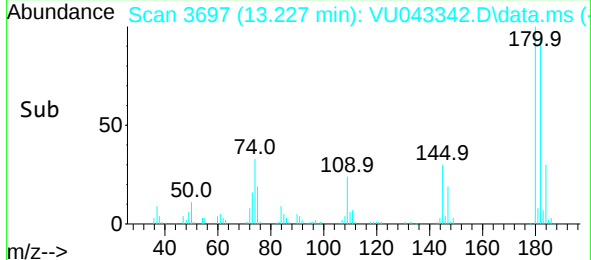
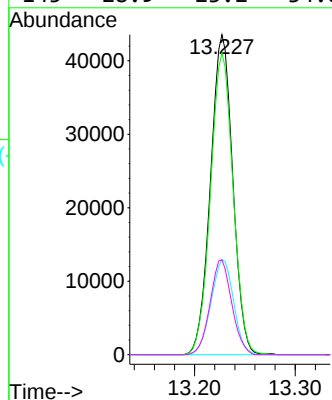
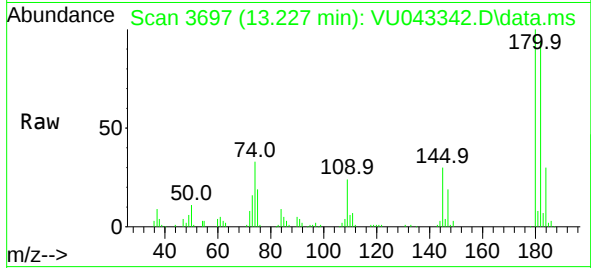


#69
 1,3,5-Trichlorobenzene
 Concen: 4.45 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU043342.D
 Acq: 27 Apr 2021 09:46

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:180 Resp: 66874

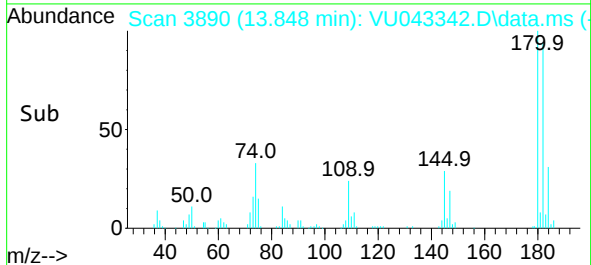
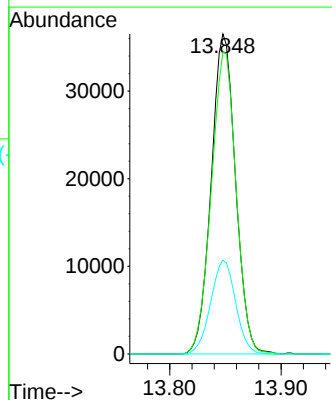
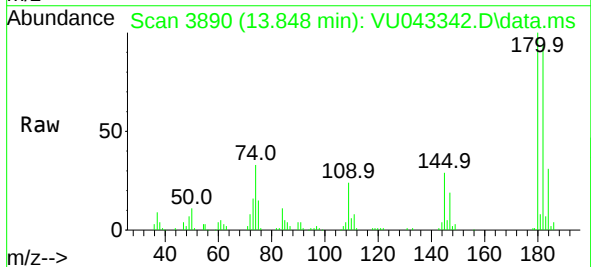
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.1	114.1
184	30.0	24.0	36.0
145	28.9	23.2	34.8

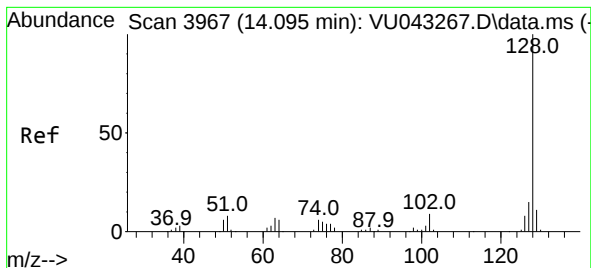


#70
 1,2,4-trichlorobenzene
 Concen: 4.45 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043342.D
 Acq: 27 Apr 2021 09:46

Tgt Ion:180 Resp: 55381

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.5	114.7
145	30.0	24.1	36.1

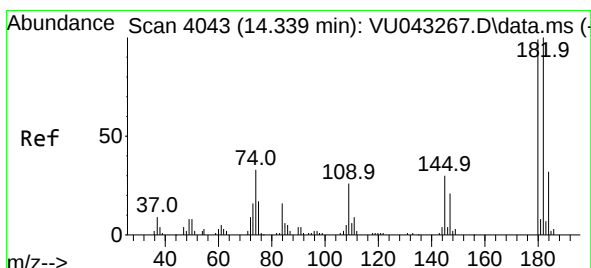
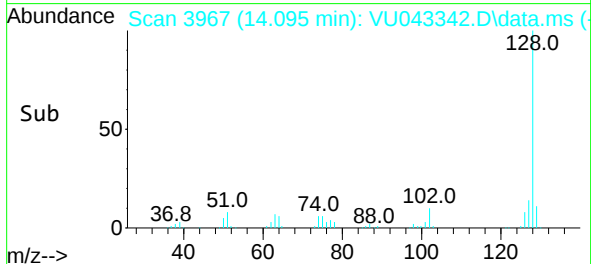
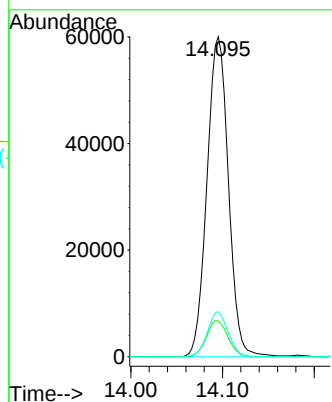
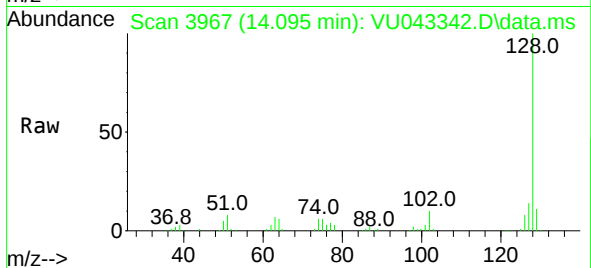




#71
Naphthalene
Concen: 4.65 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 97665
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.5 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.74 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043342.D
Acq: 27 Apr 2021 09:46

Tgt Ion:180 Resp: 54159
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.8
145 32.1 25.0 37.4

