

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043322.D
 Acq On : 26 Apr 2021 13:50
 Operator : SY/MD
 Sample : M2124-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:41:47 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

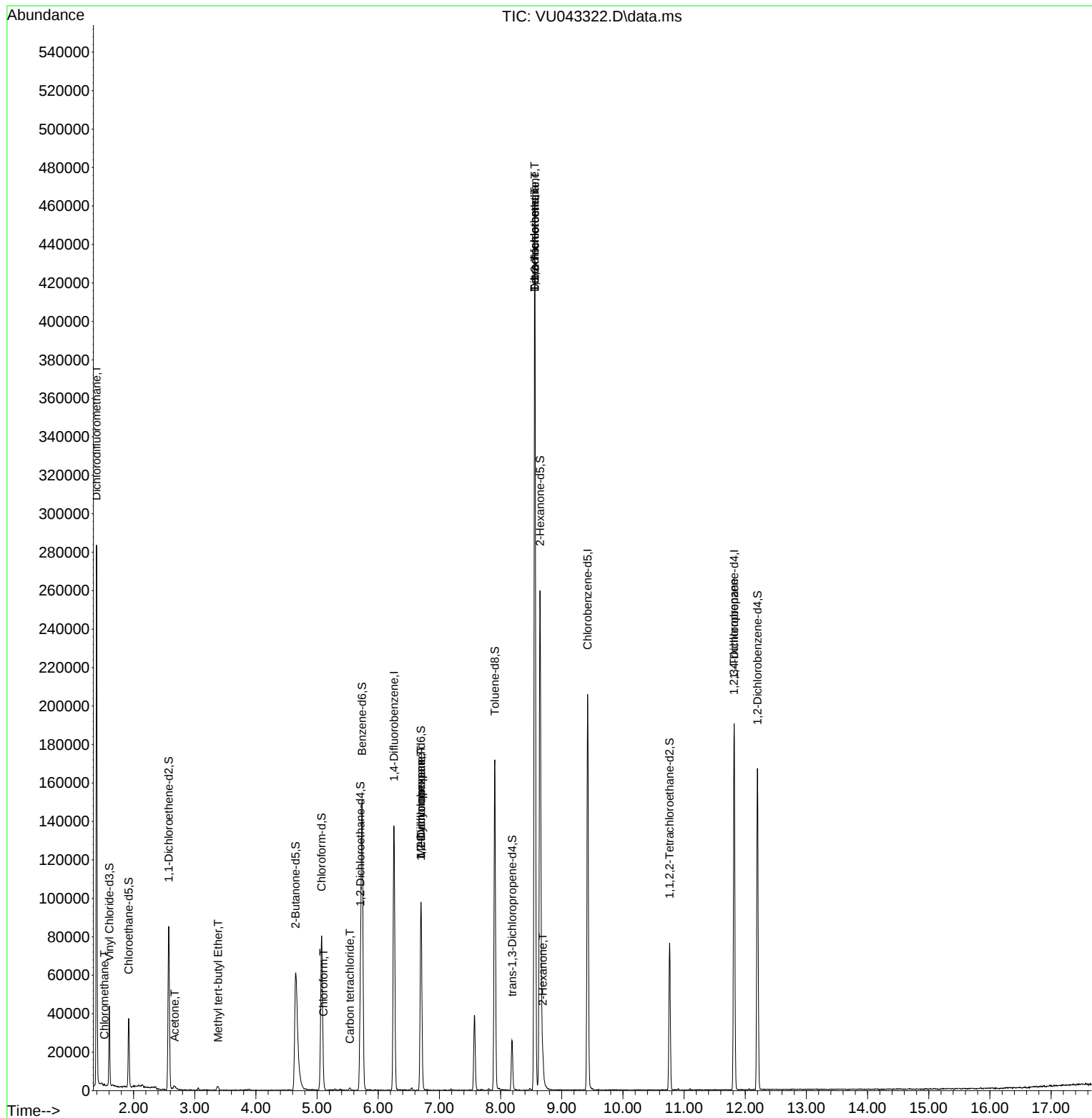
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102051	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	104092	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47026	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25913	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.919	69	23669	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.575	65	16595	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	4.648	46	135348	59.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.94%
24) Chloroform-d	5.073	84	70749	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.709	65	43488	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.735	84	123247	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.700	67	42849	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	102558	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloroprop...	8.188	79	13079	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.645	63	77200	43.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.22%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35518	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	41203	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
2) Dichlorodifluoromethane	1.395	85	3184	0.49	ug/L	Qvalue 93
3) Chloromethane	1.523	50	782	0.12	ug/L	# 73
13) Acetone	2.671	43	3787	2.26	ug/L	90
17) Methyl tert-butyl Ether	3.382	73	1963	0.11	ug/L	# 82
25) Chloroform	5.102	83	2472	0.18	ug/L	99
31) Carbon tetrachloride	5.536	117	838	0.08	ug/L	# 39
35) Methylcyclohexane	6.700	83	9329	0.88	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	5047	0.64	ug/L	# 87
45) 1,1,2-Trichloroethane	8.561	97	792	0.14	ug/L	# 1
47) Tetrachloroethene	8.558	164	95938	15.79	ug/L	95
48) 2-Hexanone	8.690	43	6042	1.17	ug/L	# 82
49) Dibromochloromethane	8.558	129	84517	11.44	ug/L	# 9
61) 1,2,3-Trichloropropane	11.815	75	5950	1.22	ug/L	# 62

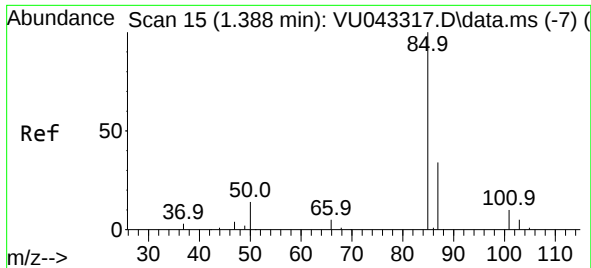
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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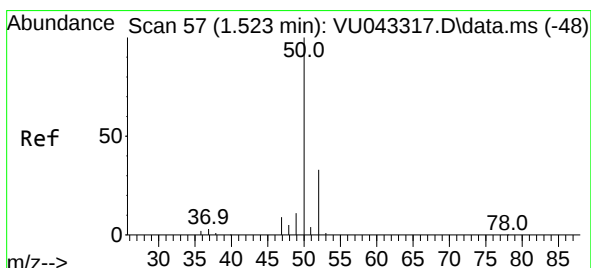
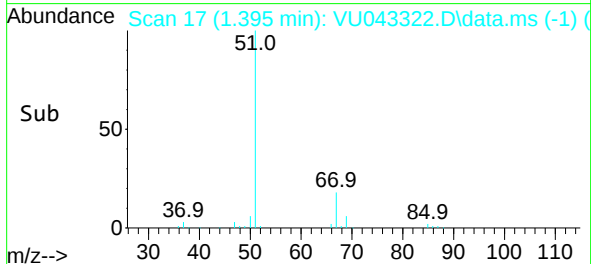
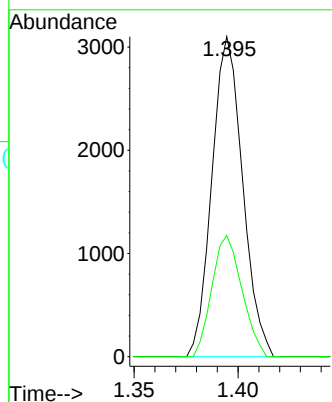
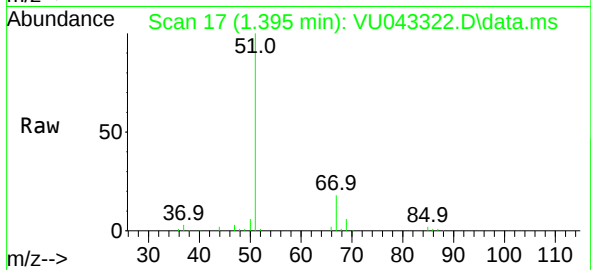




#2
 Dichlorodifluoromethane
 Concen: 0.49 ug/L
 RT: 1.395 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VU043322.D
 Acq: 26 Apr 2021 13:50

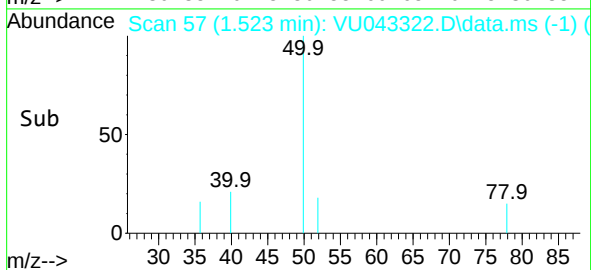
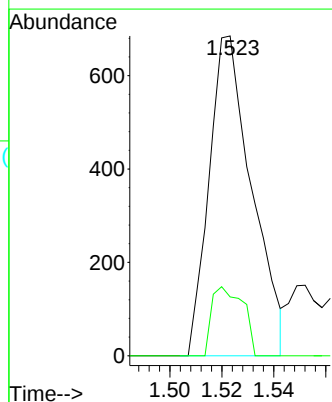
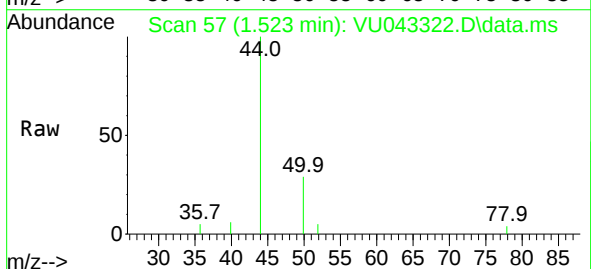
Instrument :
 MSVOA_U
 ClientSampled :

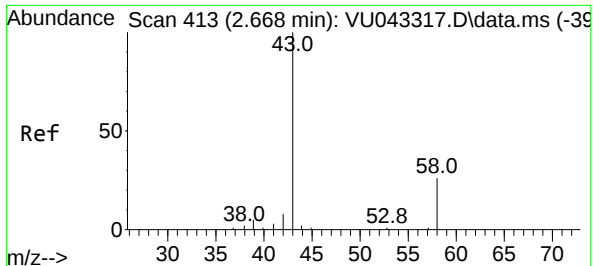
Tgt Ion: 85 Resp: 3184
 Ion Ratio Lower Upper
 85 100
 87 36.9 26.3 39.5



#3
 Chloromethane
 Concen: 0.12 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU043322.D
 Acq: 26 Apr 2021 13:50

Tgt Ion: 50 Resp: 782
 Ion Ratio Lower Upper
 50 100
 52 18.4 23.6 43.8#

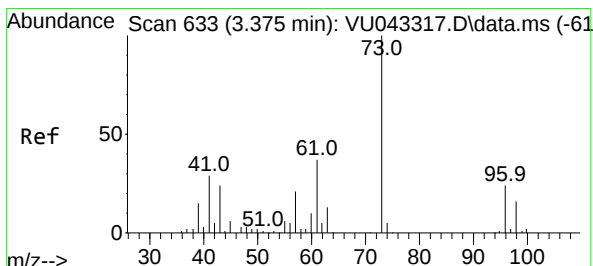
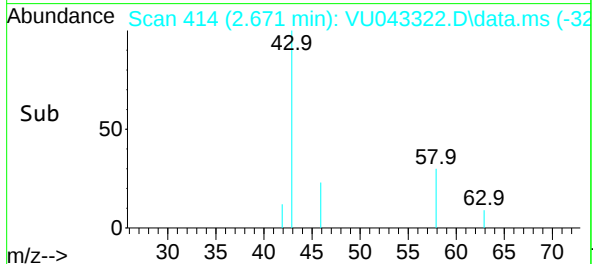
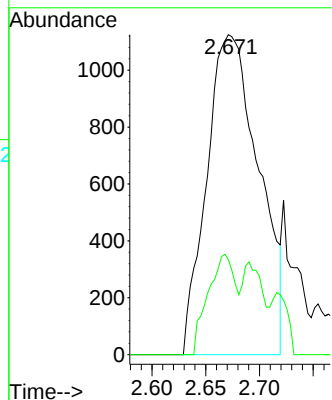
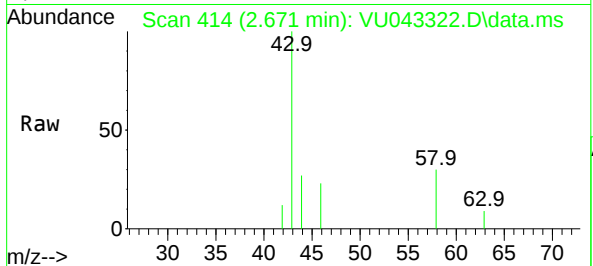




#13
Acetone
Concen: 2.26 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU043322.D
Acq: 26 Apr 2021 13:50

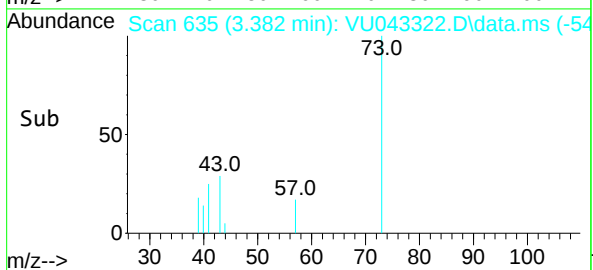
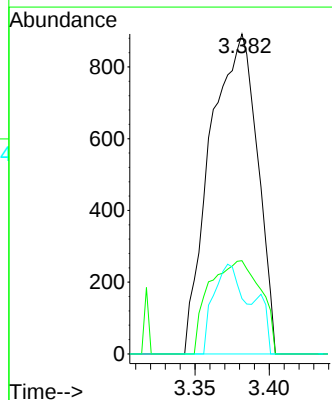
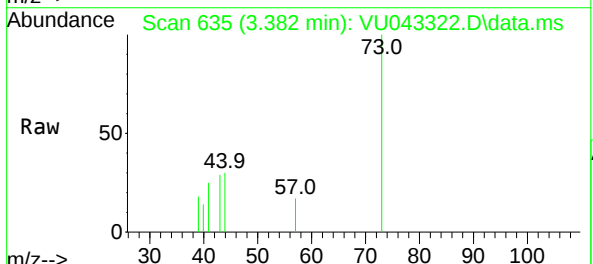
Instrument :
MSVOA_U
ClientSampled :

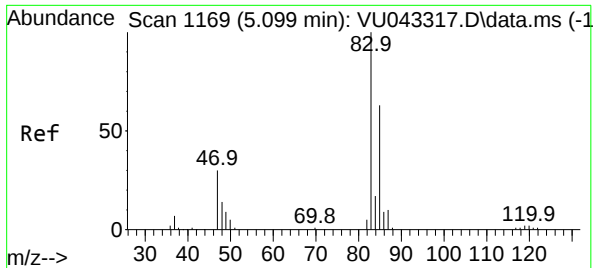
Tgt Ion: 43 Resp: 3787
Ion Ratio Lower Upper
43 100
58 16.5 0.0 25.0



#17
Methyl tert-butyl Ether
Concen: 0.11 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.006 min
Lab File: VU043322.D
Acq: 26 Apr 2021 13:50

Tgt Ion: 73 Resp: 1963
Ion Ratio Lower Upper
73 100
43 31.8 15.0 22.4#
57 18.1 17.3 25.9



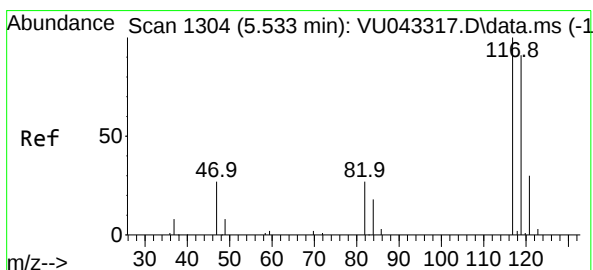
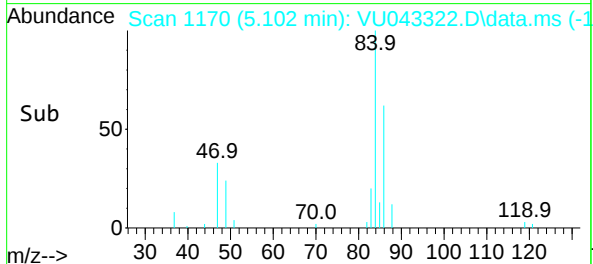
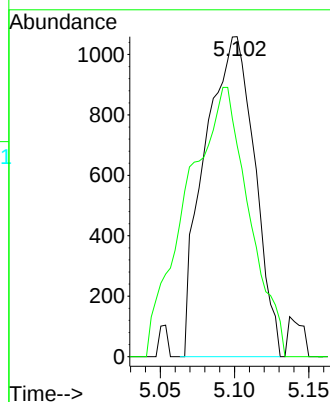
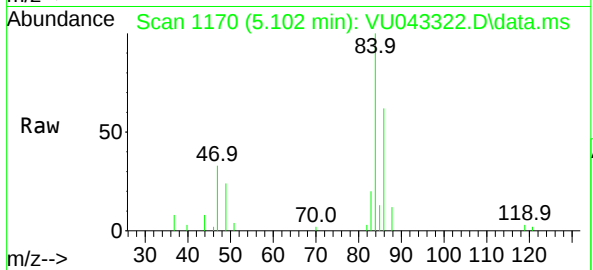


#25

Chloroform
Concen: 0.18 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043322.D
Acq: 26 Apr 2021 13:50

Instrument :
MSVOA_U
ClientSampled :

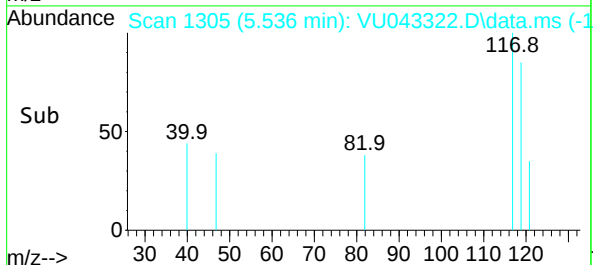
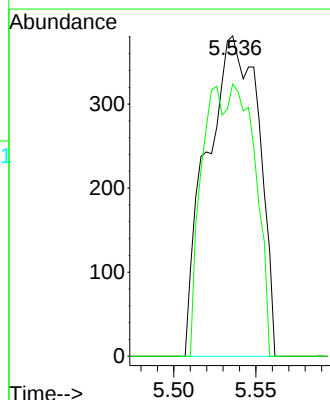
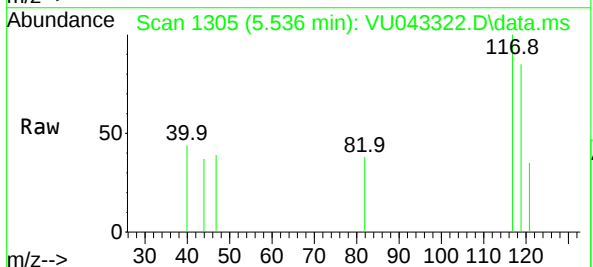
Tgt Ion: 83 Resp: 2472
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.8

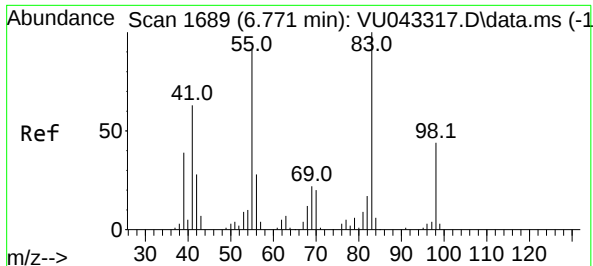


#31

Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043322.D
Acq: 26 Apr 2021 13:50

Tgt Ion: 117 Resp: 838
Ion Ratio Lower Upper
117 100
119 36.3 76.2 114.4#





#35

Methylcyclohexane

Concen: 0.88 ug/L

RT: 6.700 min Scan# 1667

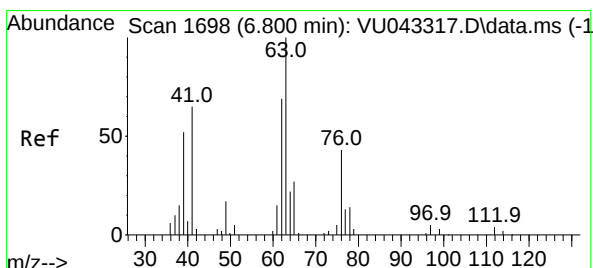
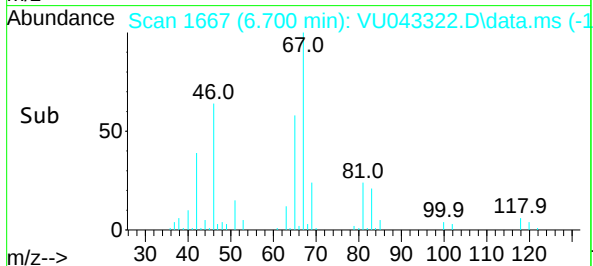
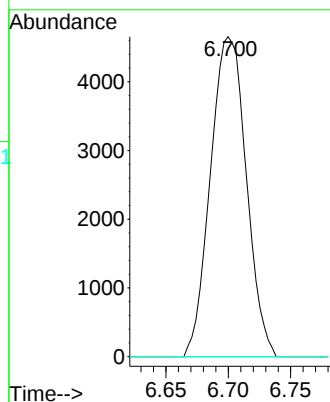
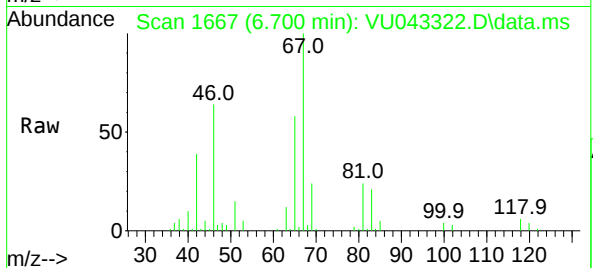
Delta R.T. -0.071 min

Lab File: VU043322.D

Acq: 26 Apr 2021 13:50

Tgt Ion:	83	Resp:	9329
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.64 ug/L

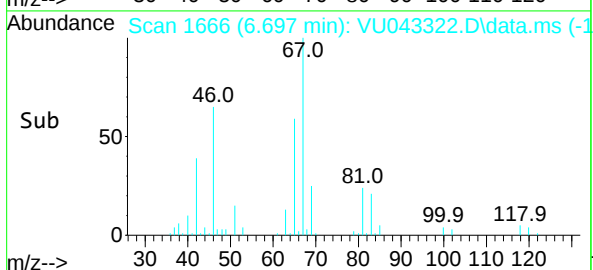
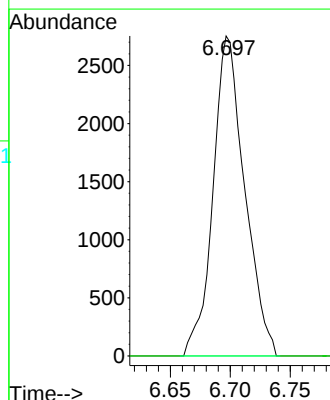
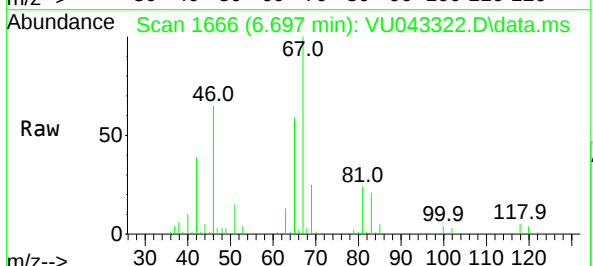
RT: 6.697 min Scan# 1666

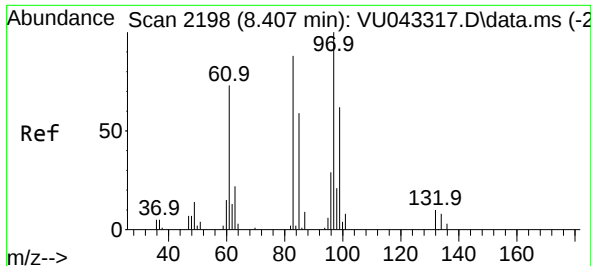
Delta R.T. -0.103 min

Lab File: VU043322.D

Acq: 26 Apr 2021 13:50

Tgt Ion:	63	Resp:	5047
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#





#45

1,1,2-Trichloroethane

Concen: 0.14 ug/L

RT: 8.561 min Scan# 2246

Delta R.T. 0.154 min

Lab File: VU043322.D

Acq: 26 Apr 2021 13:50

Tgt Ion: 97 Resp: 792

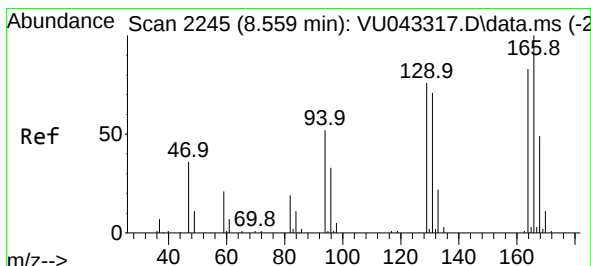
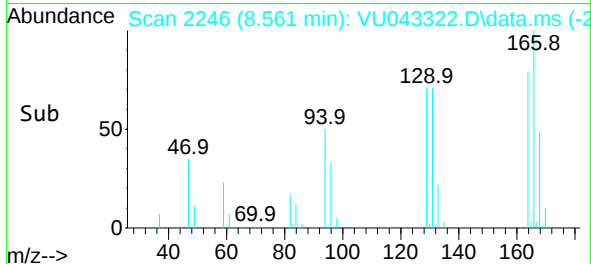
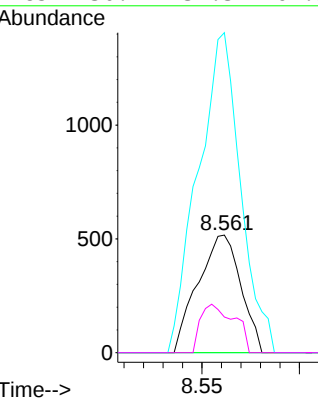
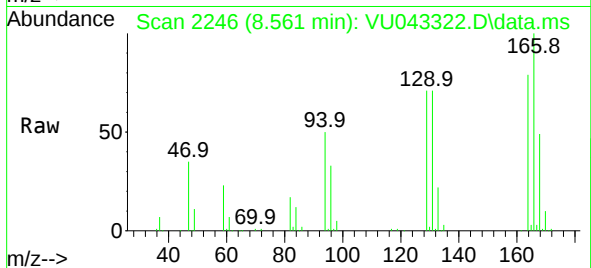
Ion Ratio Lower Upper

97 100

99 0.0 44.2 82.0#

83 272.0 60.1 111.7#

85 30.4 37.3 69.3#



#47

Tetrachloroethene

Concen: 15.79 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU043322.D

Acq: 26 Apr 2021 13:50

Tgt Ion: 164 Resp: 95938

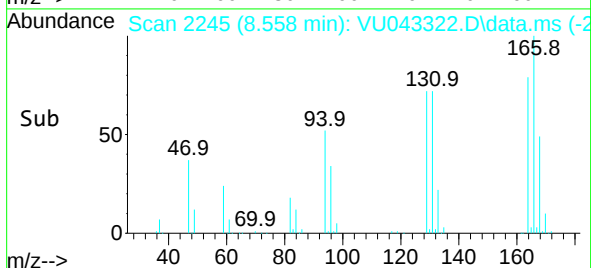
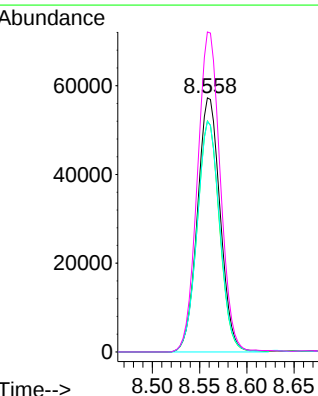
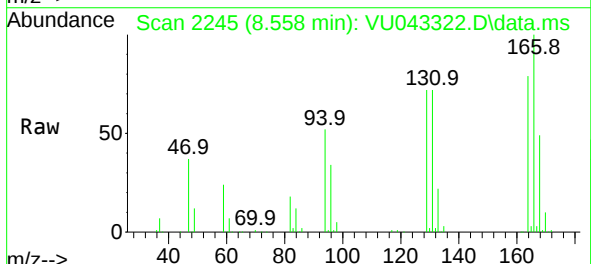
Ion Ratio Lower Upper

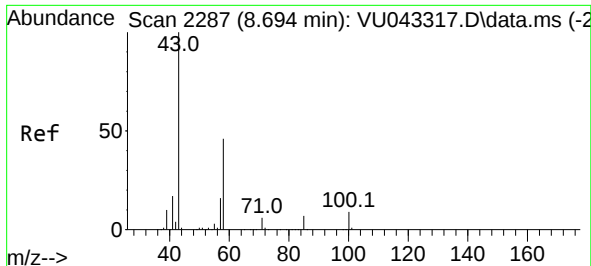
164 100

129 90.9 66.6 123.8

131 90.7 65.9 122.3

166 126.0 93.7 173.9

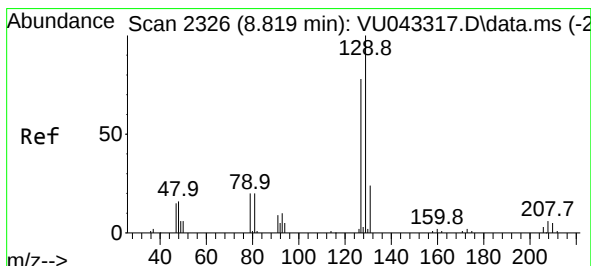
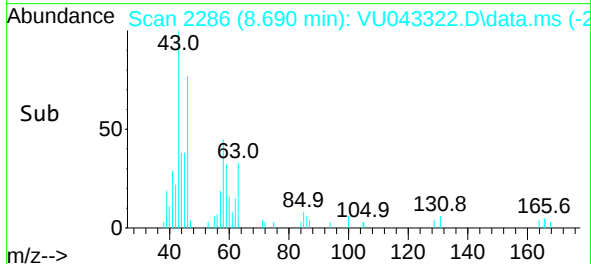
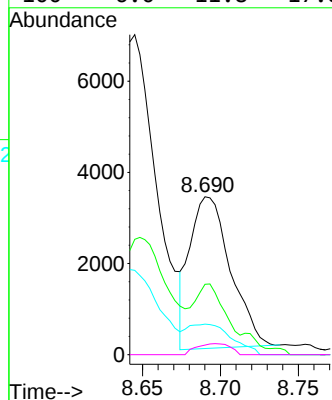
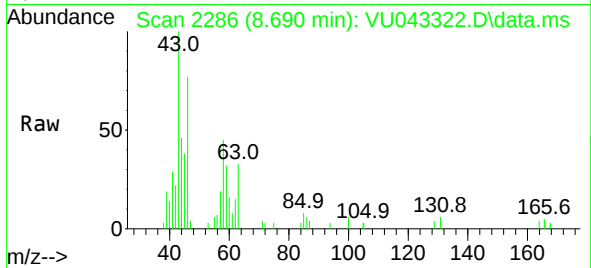




#48
2-Hexanone
Concen: 1.17 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.004 min
Lab File: VU043322.D
Acq: 26 Apr 2021 13:50

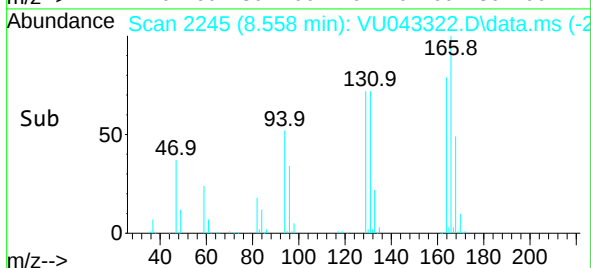
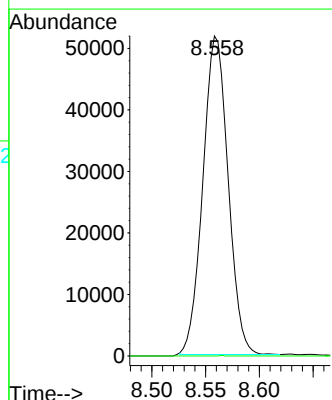
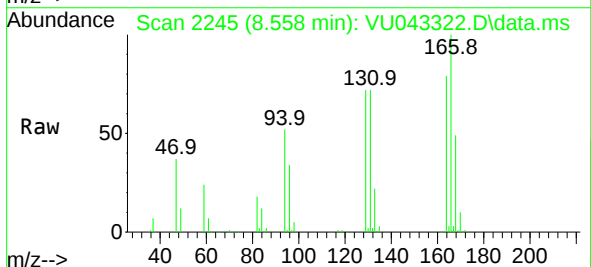
Instrument :
MSVOA_U
ClientSampled :

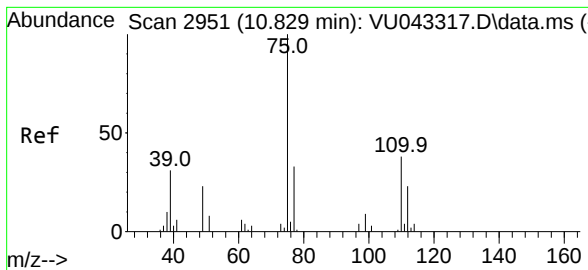
Tgt Ion:	43	Resp:	6042
Ion	Ratio	Lower	Upper
43	100		
58	44.2	50.0	75.0#
57	22.3	17.4	26.0
100	6.0	11.8	17.8#



#49
Dibromochloromethane
Concen: 11.44 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043322.D
Acq: 26 Apr 2021 13:50

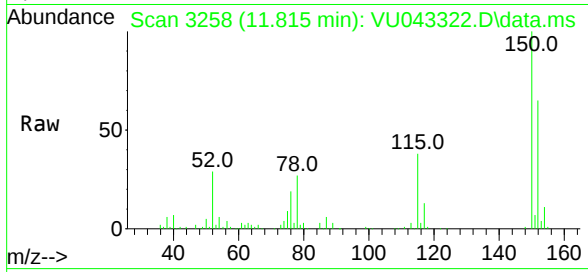
Tgt Ion:	129	Resp:	84517
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.22 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU043322.D
 Acq: 26 Apr 2021 13:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5950
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.5 47.3#
 77 36.2 26.3 39.5

