

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043329.D
 Acq On : 26 Apr 2021 16:38
 Operator : SY/MD
 Sample : M2124-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:43:12 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)

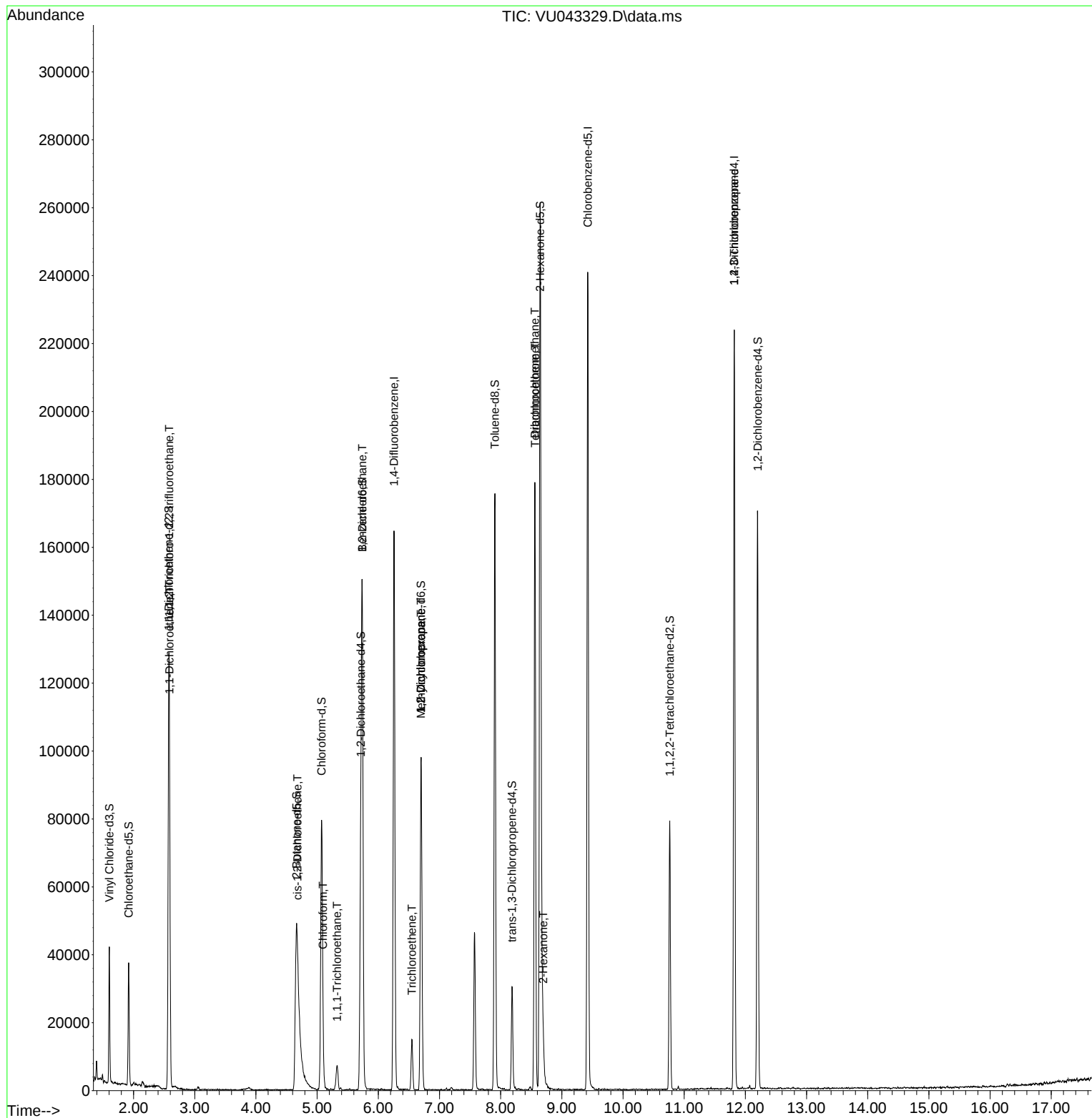
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	118838	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	121811	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	55495	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24428	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.919	69	22892	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.575	65	17196	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.665	46	133554	50.39	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	5.073	84	69141	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.713	65	45265	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.739	84	121538	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.700	67	42681	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.906	98	104636	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloroprop...	8.185	79	15832	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.645	63	85435	41.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36457	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	41082	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	1818	0.23	ug/L	# 80
12) 1,1-Dichloroethene	2.588	96	19108	2.89	ug/L	# 53
22) cis-1,2-Dichloroethene	4.677	96	1404	0.17	ug/L	87
25) Chloroform	5.095	83	3300	0.20	ug/L	95
27) 1,2-Dichloroethane	5.739	62	960	0.08	ug/L	# 74
29) 1,1,1-Trichloroethane	5.324	97	5267	0.35	ug/L	# 91
34) Trichloroethene	6.549	95	4939	0.55	ug/L	87
35) Methylcyclohexane	6.697	83	9455	0.76	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	5125	0.56	ug/L	# 87
47) Tetrachloroethene	8.562	164	37201	5.23	ug/L	93
48) 2-Hexanone	8.697	43	6459	1.07	ug/L	# 78
49) Dibromochloromethane	8.558	129	34529	3.99	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	7382	1.29	ug/L	# 65

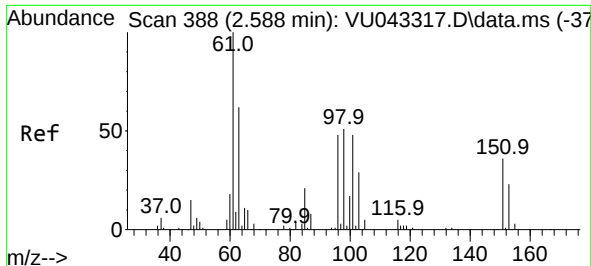
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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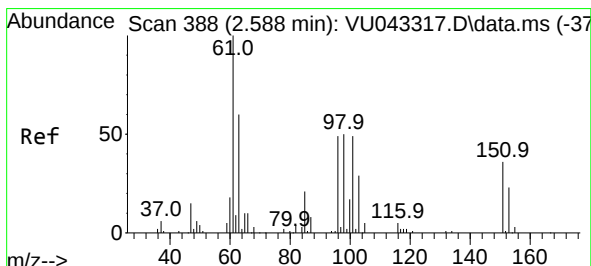
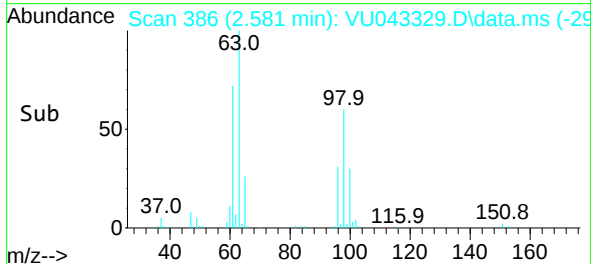
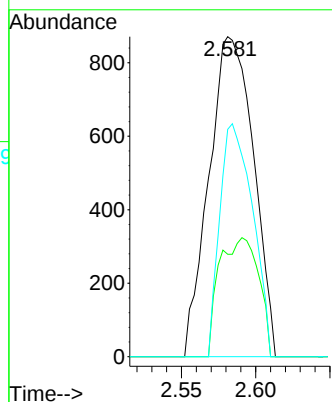
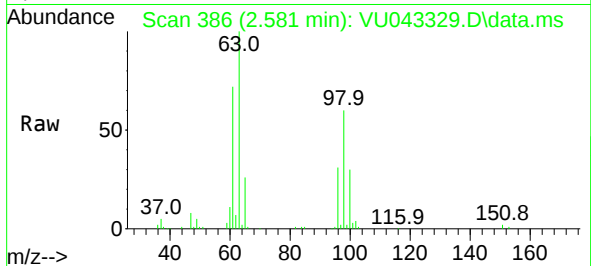




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.23 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

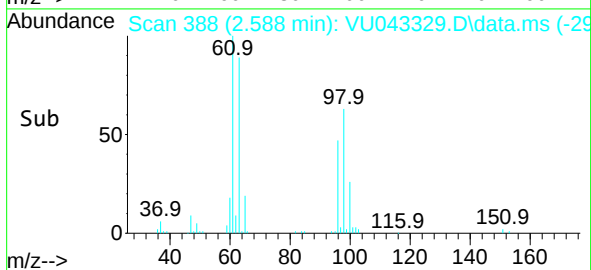
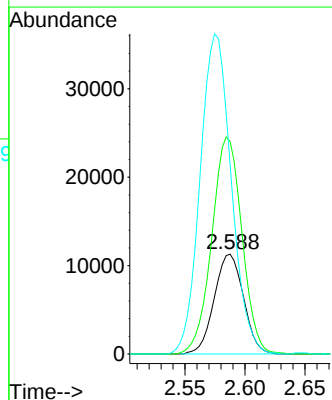
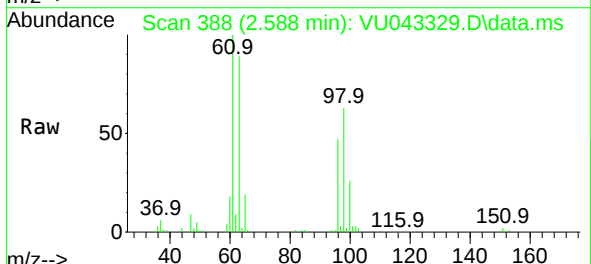
Instrument :
MSVOA_U
ClientSampleId :

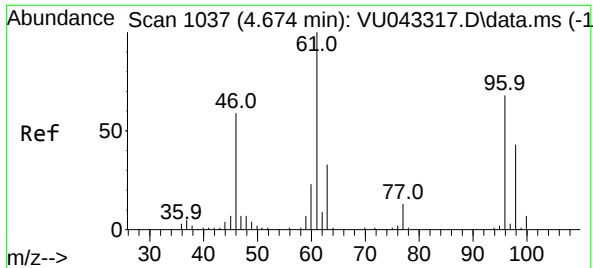
Tgt Ion:101 Resp: 1818
Ion Ratio Lower Upper
101 100
85 32.7 34.5 51.7#
151 53.6 57.4 86.2#



#12
1,1-Dichloroethene
Concen: 2.89 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

Tgt Ion: 96 Resp: 19108
Ion Ratio Lower Upper
96 100
61 212.9 115.1 213.7
63 190.0 84.1 156.1#

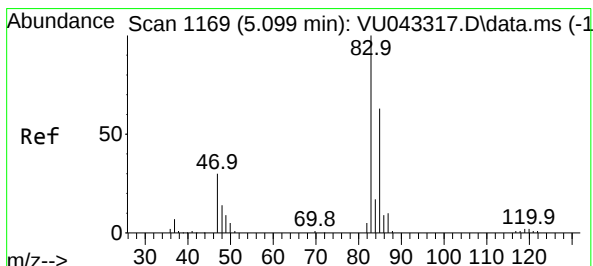
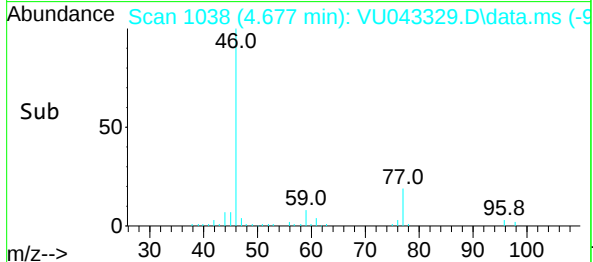
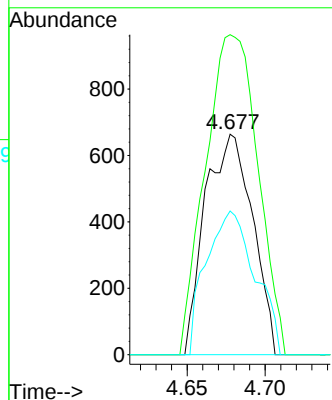
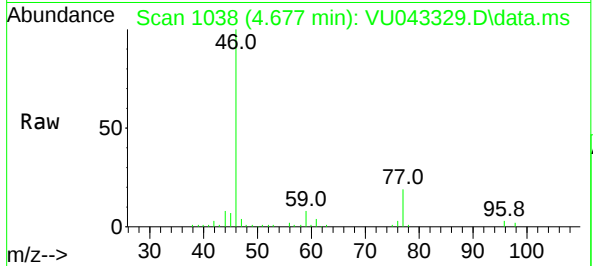




#22
 cis-1,2-Dichloroethene
 Concen: 0.17 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU043329.D
 Acq: 26 Apr 2021 16:38

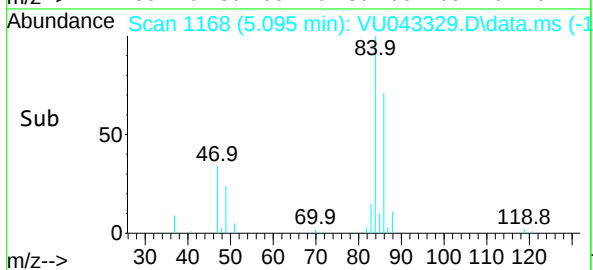
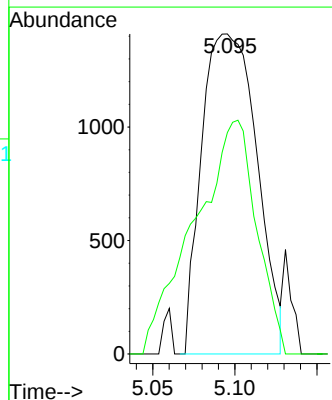
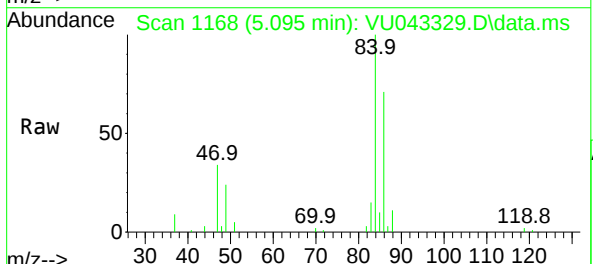
Instrument :
 MSVOA_U
 ClientSampleId :

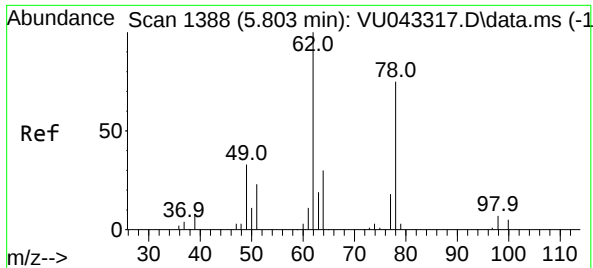
Tgt Ion:	96	Resp:	1404
Ion	Ratio	Lower	Upper
96	100		
61	145.2	87.4	162.4
98	65.2	47.7	88.5



#25
 Chloroform
 Concen: 0.20 ug/L
 RT: 5.095 min Scan# 1168
 Delta R.T. -0.003 min
 Lab File: VU043329.D
 Acq: 26 Apr 2021 16:38

Tgt Ion:	83	Resp:	3300
Ion	Ratio	Lower	Upper
83	100		
85	69.2	45.6	84.8

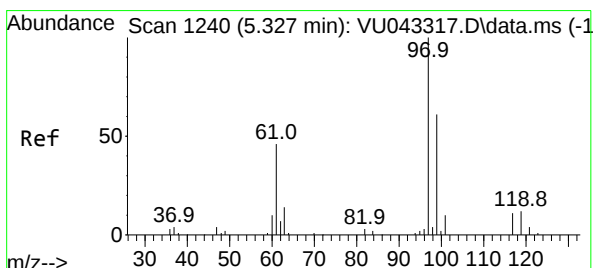
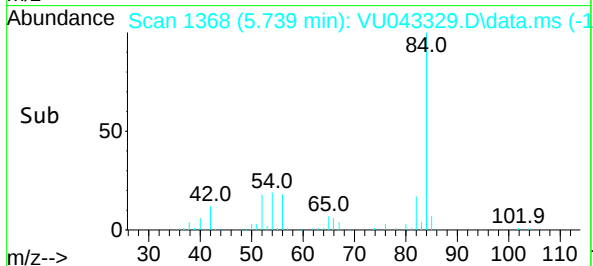
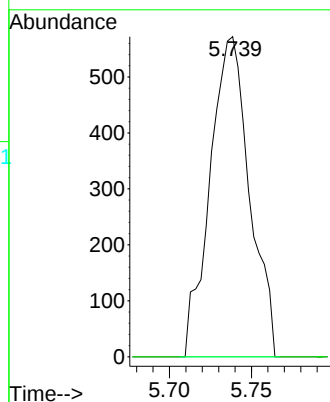
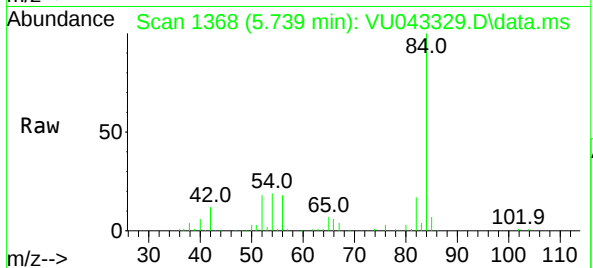




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

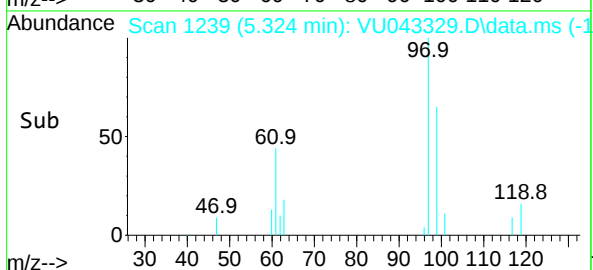
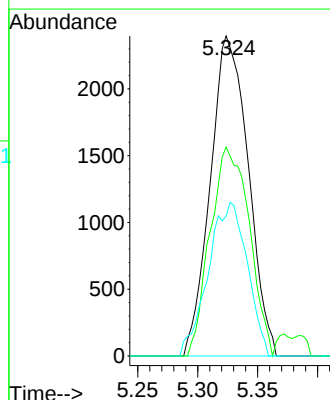
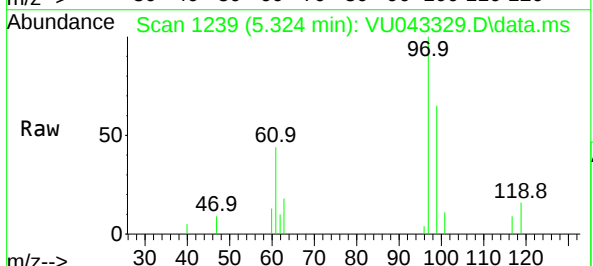
Instrument :
MSVOA_U
ClientSampled :

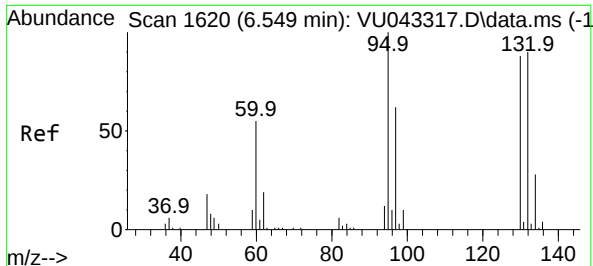
Tgt Ion: 62 Resp: 960
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#29
1,1,1-Trichloroethane
Concen: 0.35 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

Tgt Ion: 97 Resp: 5267
Ion Ratio Lower Upper
97 100
99 67.4 50.3 75.5
61 49.3 32.7 49.1#



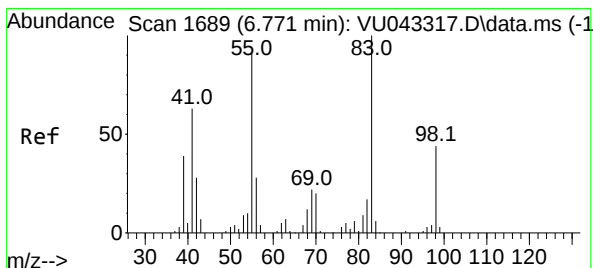
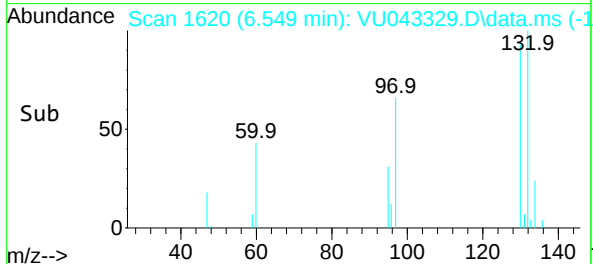
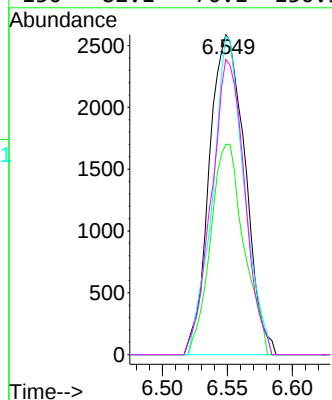
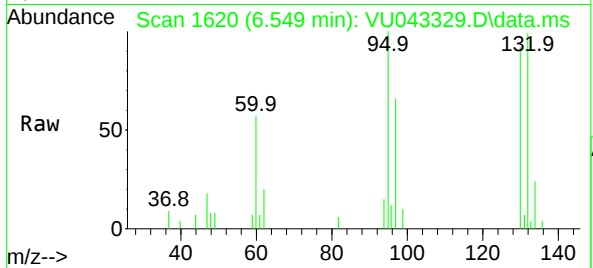


#34
Trichloroethene
Concen: 0.55 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 4939

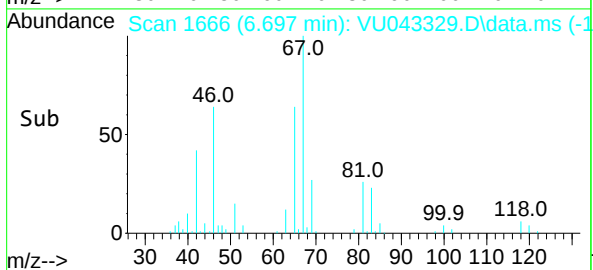
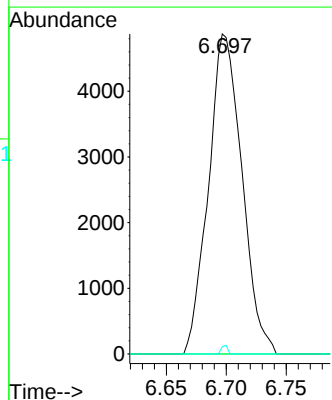
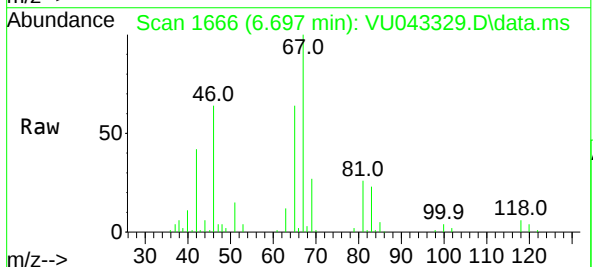
Ion	Ratio	Lower	Upper
95	100		
97	58.5	45.8	85.2
132	88.5	68.7	127.7
130	82.1	70.1	130.3

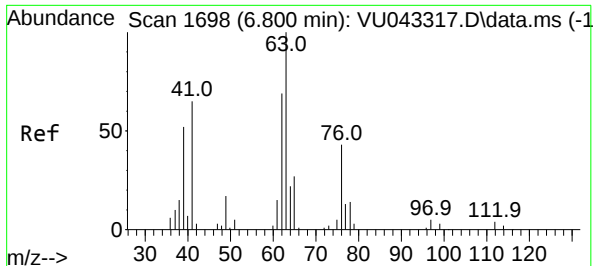


#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

Tgt Ion: 83 Resp: 9455

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.5	37.9	56.9#



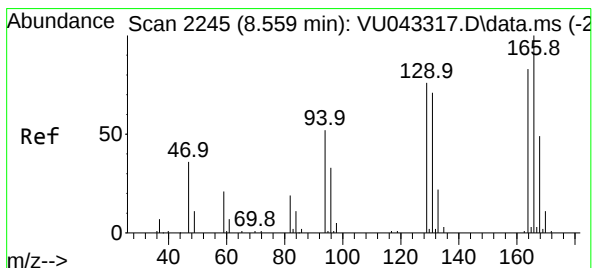
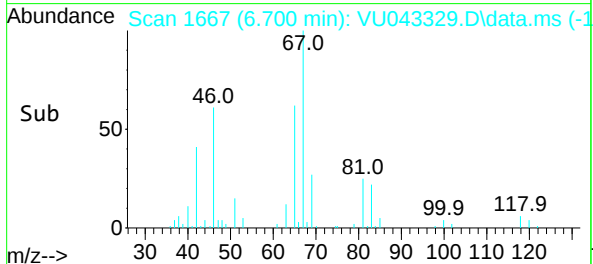
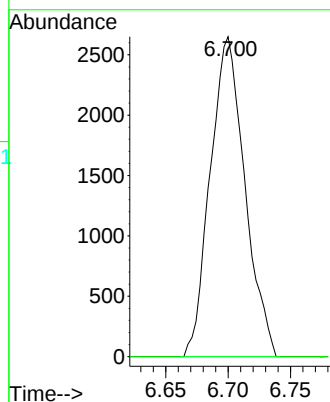
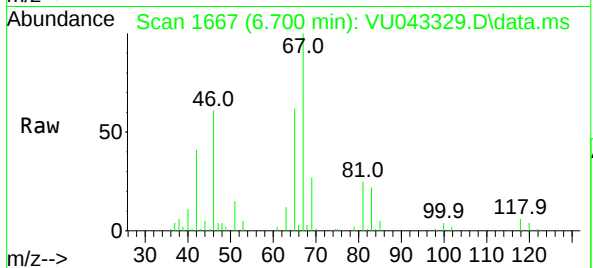


#37

1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

Instrument :
MSVOA_U
ClientSampleId :

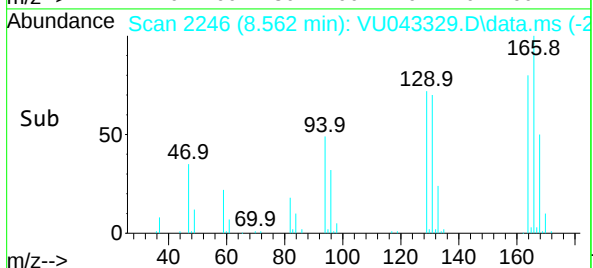
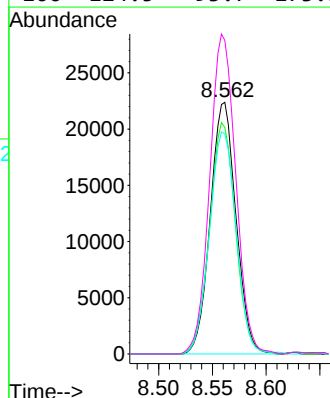
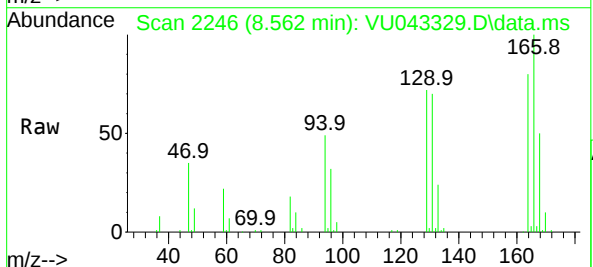
Tgt Ion: 63 Resp: 5125
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

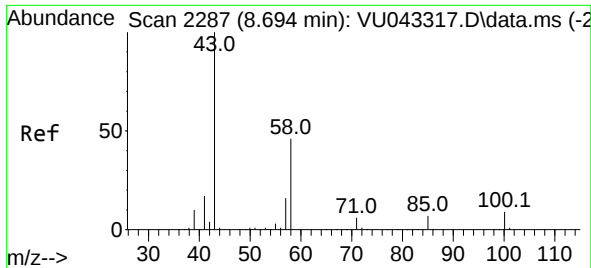


#47

Tetrachloroethene
Concen: 5.23 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

Tgt Ion: 164 Resp: 37201
Ion Ratio Lower Upper
164 100
129 90.0 66.6 123.8
131 87.4 65.9 122.3
166 124.5 93.7 173.9

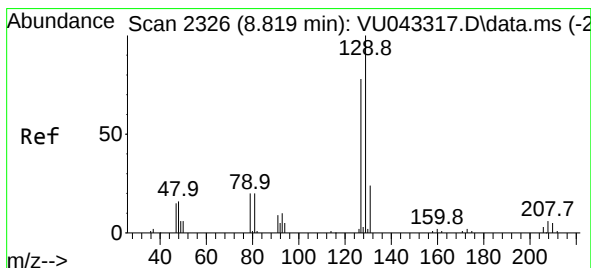
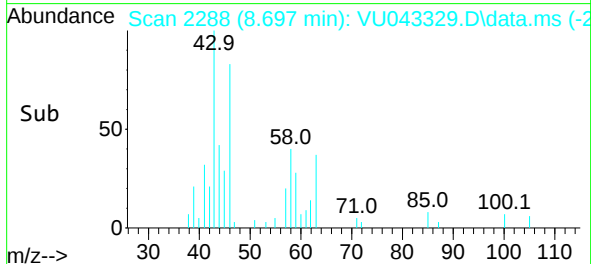
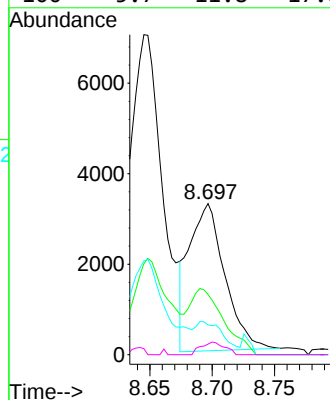
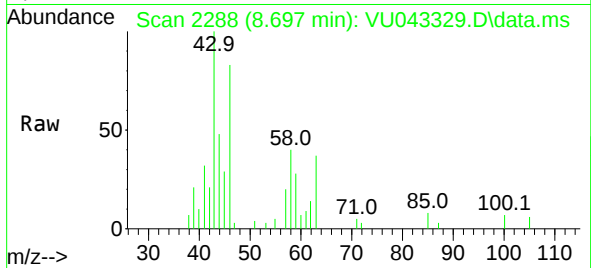




#48
2-Hexanone
Concen: 1.07 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

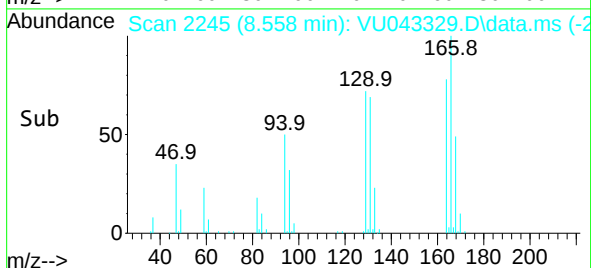
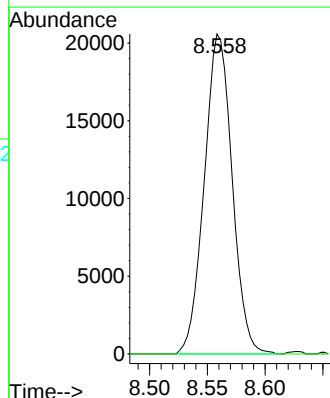
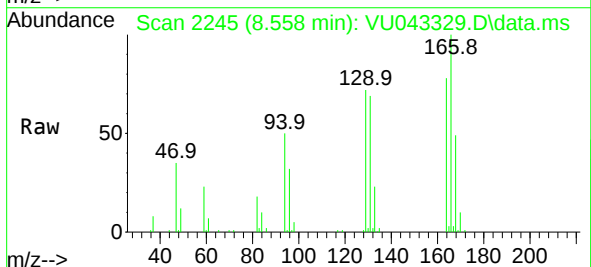
Instrument :
MSVOA_U
ClientSampled :

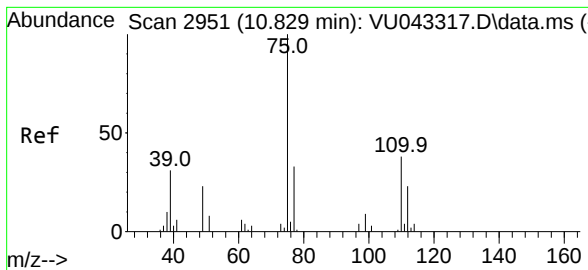
Tgt Ion:	43	Resp:	6459
Ion	Ratio	Lower	Upper
43	100		
58	42.4	50.0	75.0#
57	17.6	17.4	26.0
100	5.7	11.8	17.8#



#49
Dibromochloromethane
Concen: 3.99 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043329.D
Acq: 26 Apr 2021 16:38

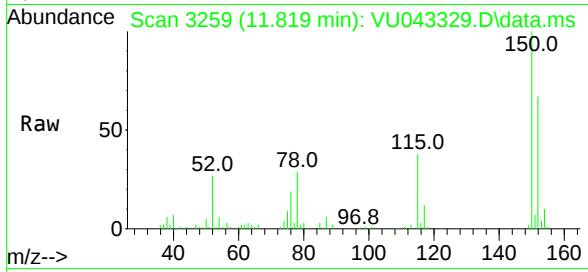
Tgt Ion:	129	Resp:	34529
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.29 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043329.D
 Acq: 26 Apr 2021 16:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7382
 Ion Ratio Lower Upper
 75 100
 110 0.9 31.5 47.3#
 77 33.7 26.3 39.5

