

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043331.D
 Acq On : 26 Apr 2021 17:26
 Operator : SY/MD
 Sample : M2124-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:43:37 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)

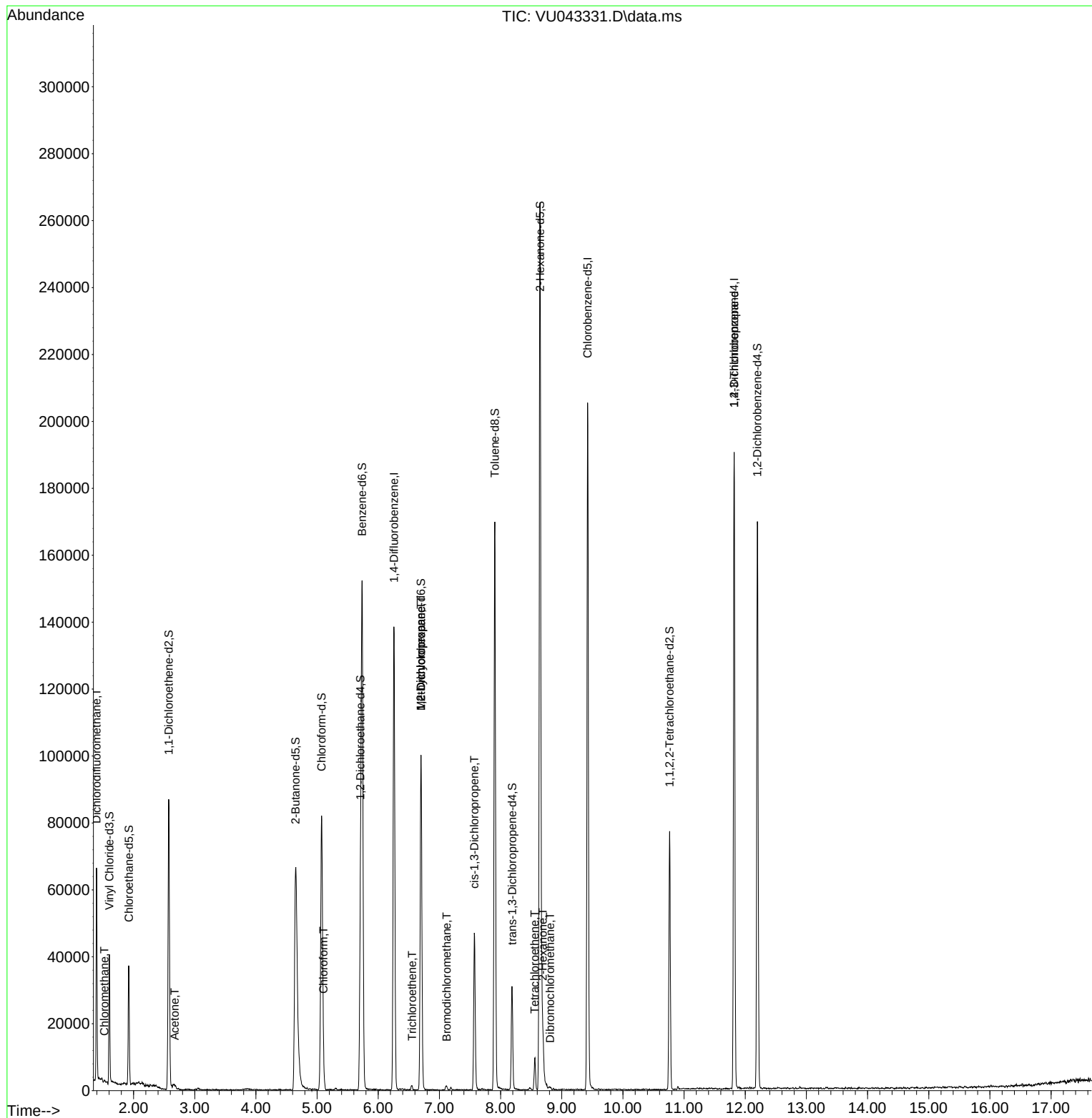
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102379	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	101488	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46640	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25371	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.922	69	23849	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.575	65	16683	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.80%
20) 2-Butanone-d5	4.649	46	139567	61.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.24%
24) Chloroform-d	5.073	84	69896	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.710	65	45545	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	123189	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.700	67	42850	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.906	98	104283	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloroprop...	8.189	79	16022	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.645	63	81055	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35614	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	40990	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	717	0.11	ug/L #	85
3) Chloromethane	1.523	50	768	0.12	ug/L	90
13) Acetone	2.671	43	2484	1.48	ug/L	93
25) Chloroform	5.105	83	6095	0.43	ug/L	94
34) Trichloroethene	6.552	95	622	0.08	ug/L #	77
35) Methylcyclohexane	6.700	83	9054	0.88	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	5132	0.67	ug/L #	87
38) Bromodichloromethane	7.118	83	1168	0.11	ug/L #	85
39) cis-1,3-Dichloropropene	7.571	75	1203	0.11	ug/L	85
47) Tetrachloroethene	8.558	164	2016	0.34	ug/L	81
48) 2-Hexanone	8.690	43	6780	1.35	ug/L #	73
49) Dibromochloromethane	8.812	129	516	0.07	ug/L	80
61) 1,2,3-Trichloropropane	11.819	75	6131	1.27	ug/L #	65

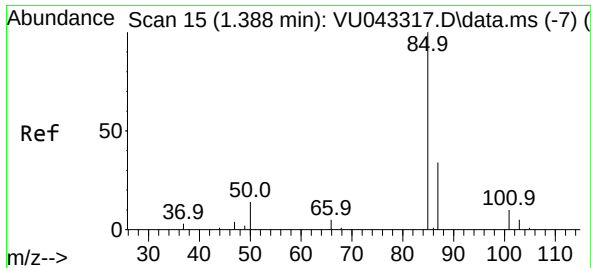
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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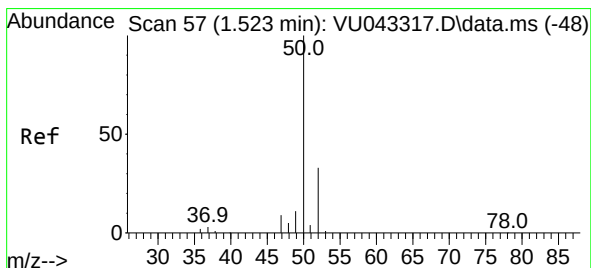
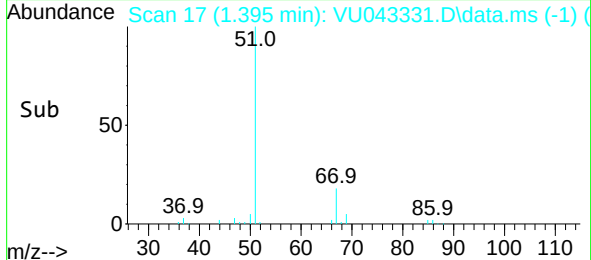
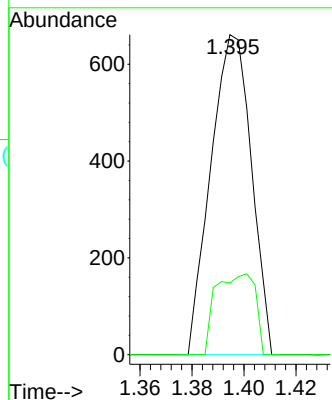
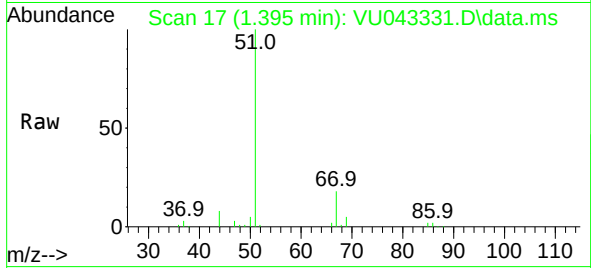




#2
 Dichlorodifluoromethane
 Concen: 0.11 ug/L
 RT: 1.395 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VU043331.D
 Acq: 26 Apr 2021 17:26

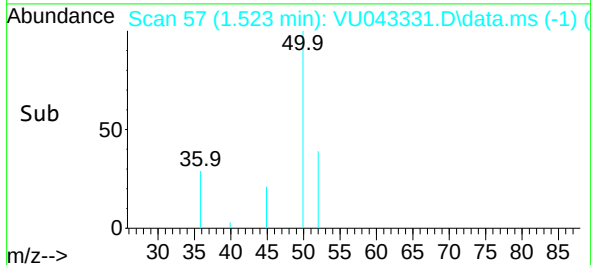
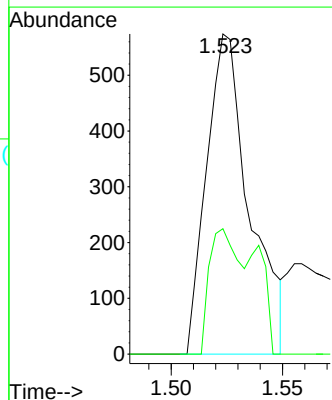
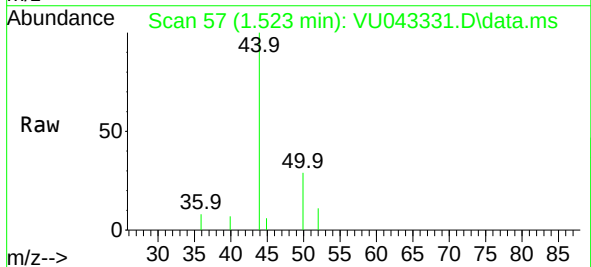
Instrument :
 MSVOA_U
 ClientSampled :

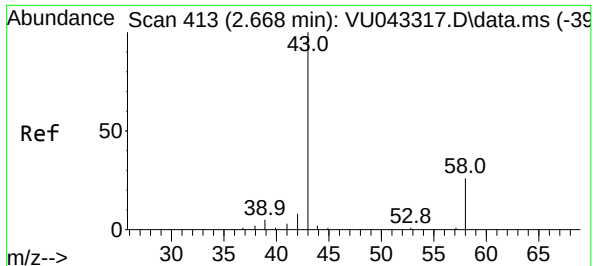
Tgt Ion: 85 Resp: 717
 Ion Ratio Lower Upper
 85 100
 87 24.5 26.3 39.5#



#3
 Chloromethane
 Concen: 0.12 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU043331.D
 Acq: 26 Apr 2021 17:26

Tgt Ion: 50 Resp: 768
 Ion Ratio Lower Upper
 50 100
 52 39.2 23.6 43.8

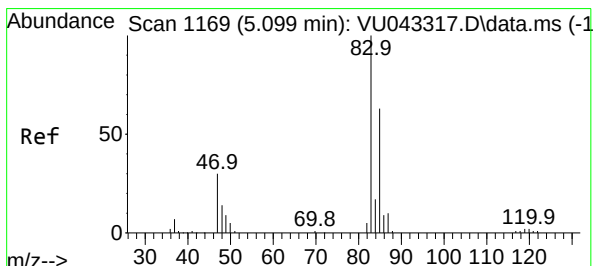
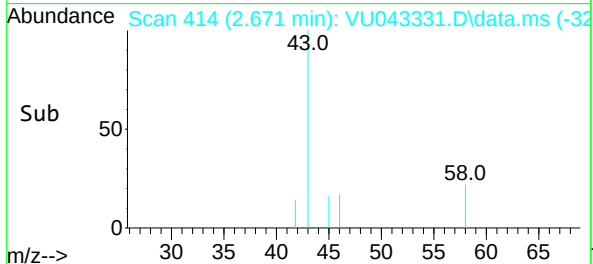
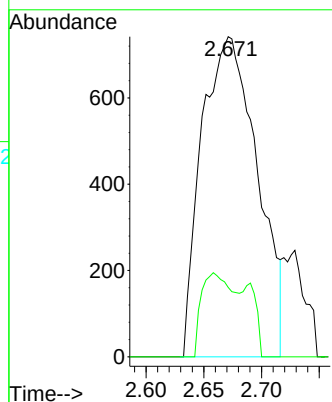
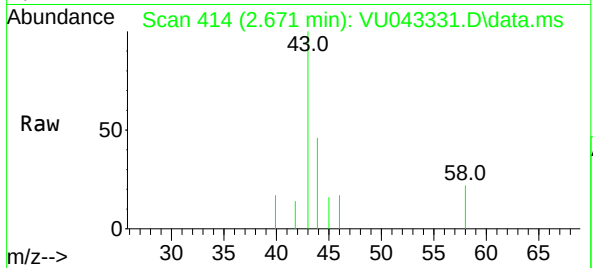




#13
Acetone
Concen: 1.48 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

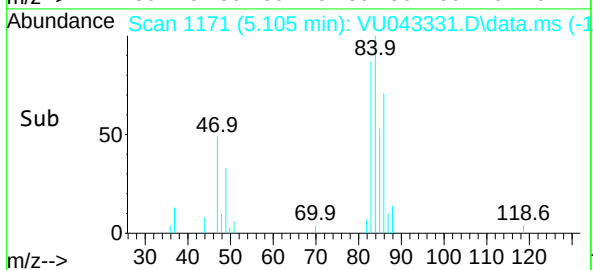
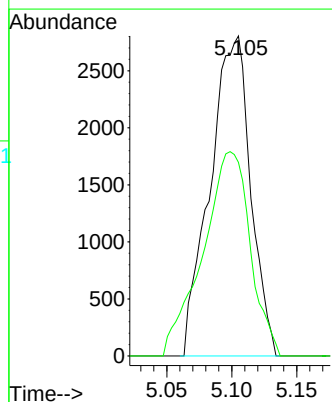
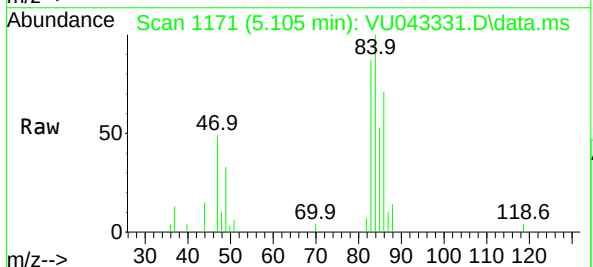
Instrument :
MSVOA_U
ClientSampled :

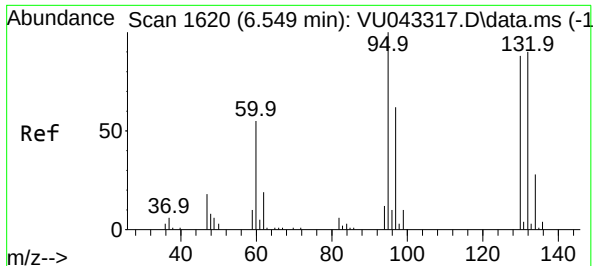
Tgt Ion: 43 Resp: 2484
Ion Ratio Lower Upper
43 100
58 15.3 0.0 25.0



#25
Chloroform
Concen: 0.43 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

Tgt Ion: 83 Resp: 6095
Ion Ratio Lower Upper
83 100
85 60.5 45.6 84.8

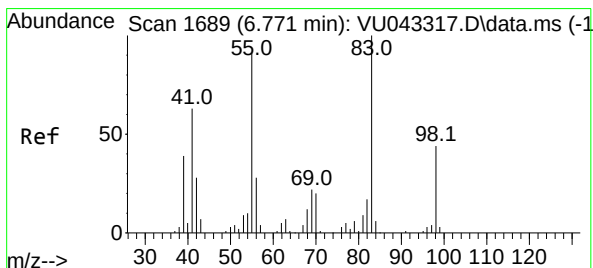
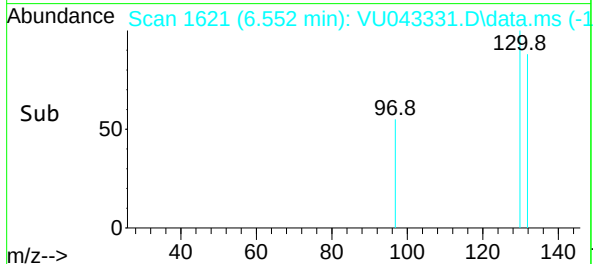
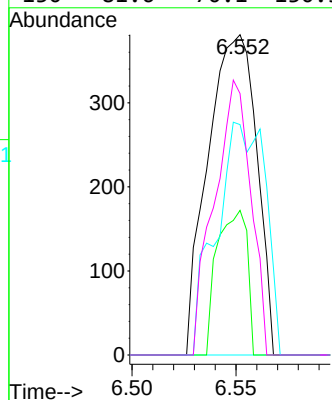
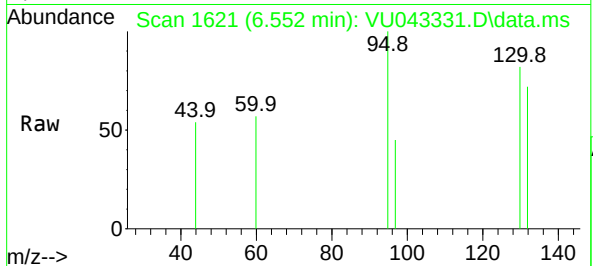




#34
Trichloroethene
Concen: 0.08 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

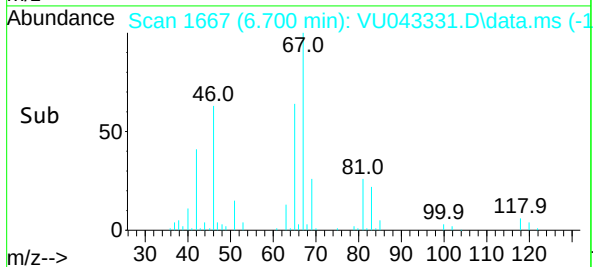
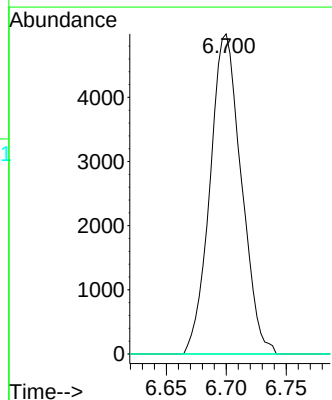
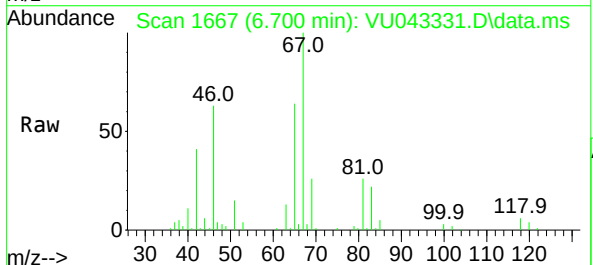
Instrument :
MSVOA_U
ClientSampled :

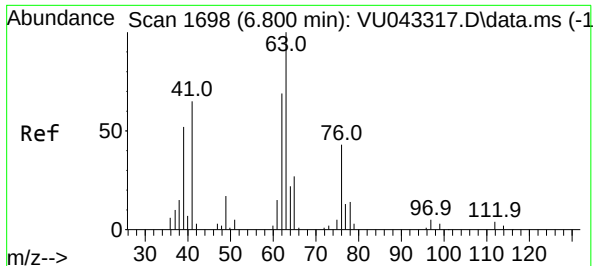
Tgt Ion: 95 Resp: 622
Ion Ratio Lower Upper
95 100
97 45.1 45.8 85.2#
132 71.9 68.7 127.7
130 81.6 70.1 130.3



#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

Tgt Ion: 83 Resp: 9054
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#



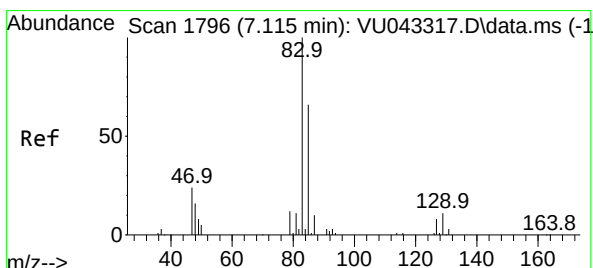
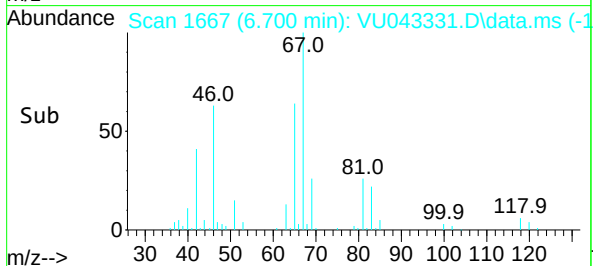
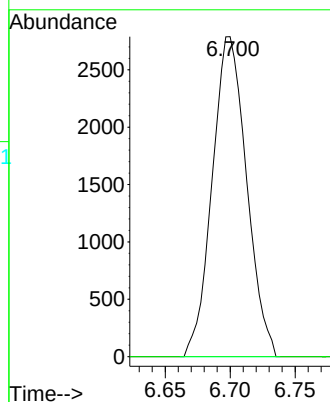
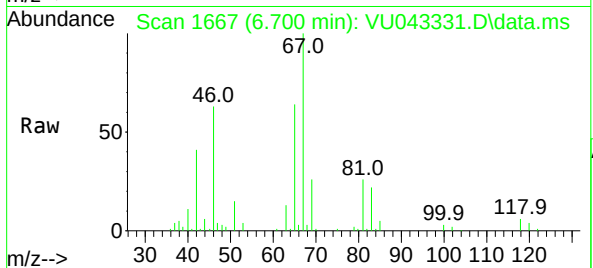


#37

1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

Instrument :
MSVOA_U
ClientSampleId :

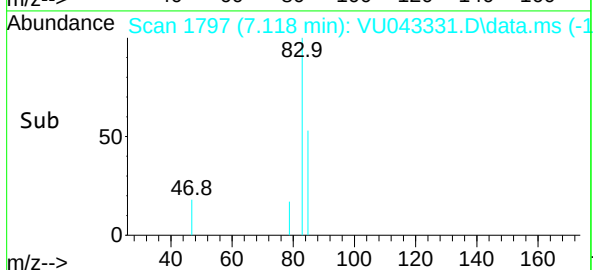
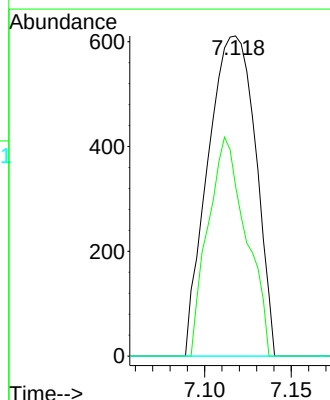
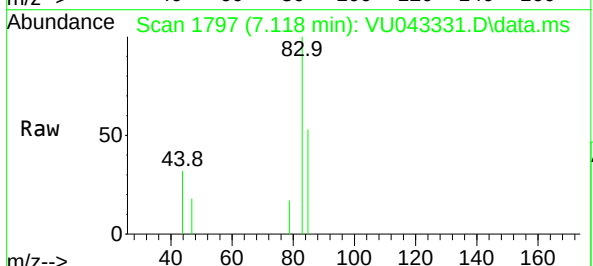
Tgt Ion: 63 Resp: 5132
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

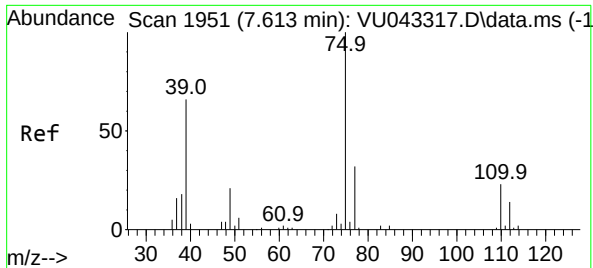


#38

Bromodichloromethane
Concen: 0.11 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

Tgt Ion: 83 Resp: 1168
Ion Ratio Lower Upper
83 100
85 53.2 44.6 82.8
127 0.0 7.4 11.2#



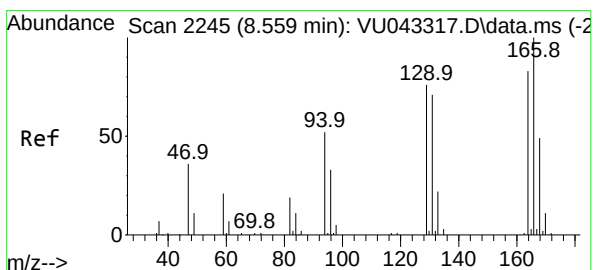
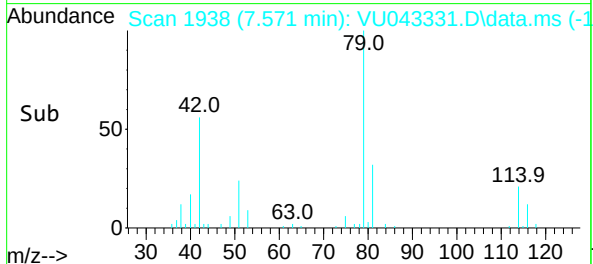
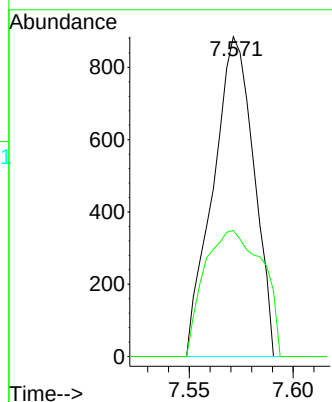
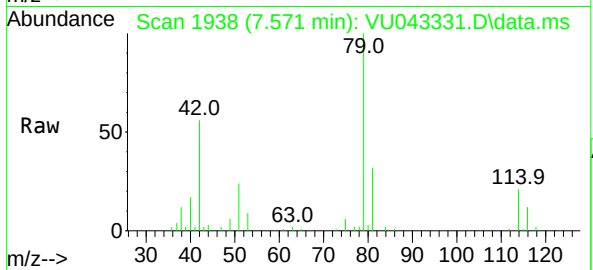


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

Instrument :
MSVOA_U
ClientSampled :

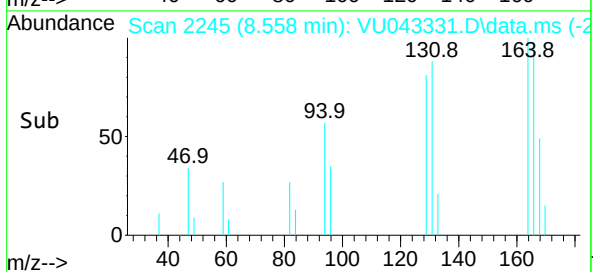
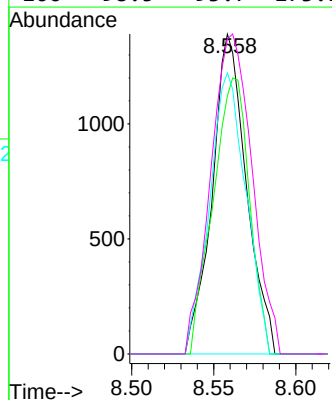
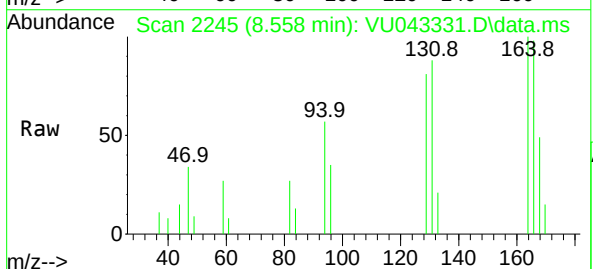
Tgt Ion: 75 Resp: 1203
Ion Ratio Lower Upper
75 100
77 39.4 21.8 40.6

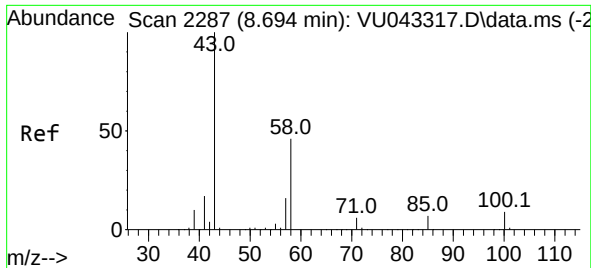


#47

Tetrachloroethene
Concen: 0.34 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

Tgt Ion: 164 Resp: 2016
Ion Ratio Lower Upper
164 100
129 80.7 66.6 123.8
131 87.9 65.9 122.3
166 98.5 93.7 173.9

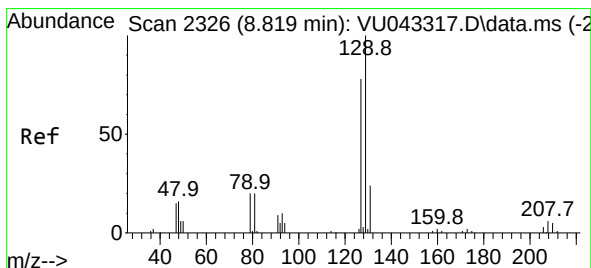
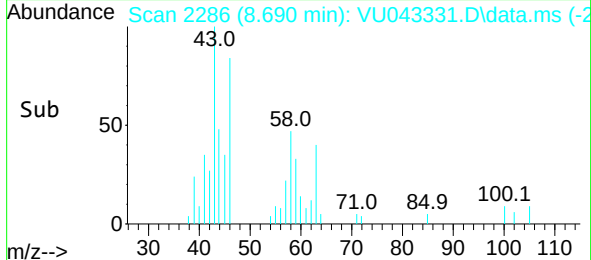
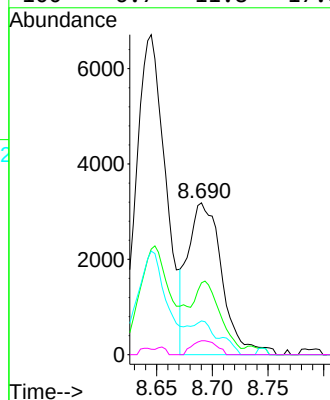
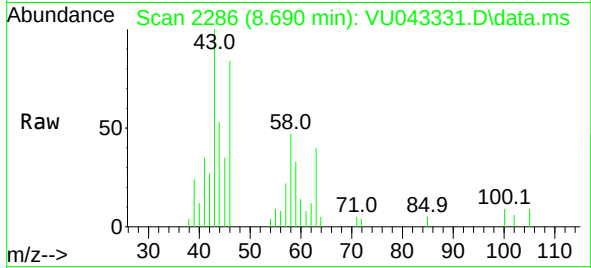




#48
2-Hexanone
Concen: 1.35 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

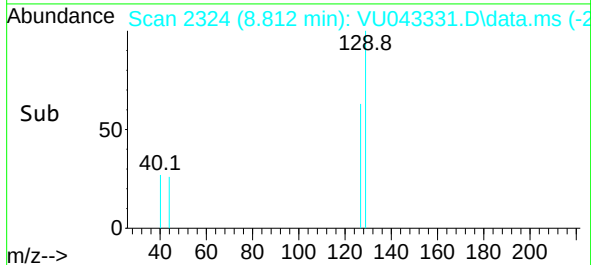
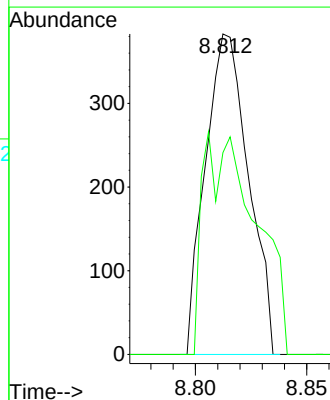
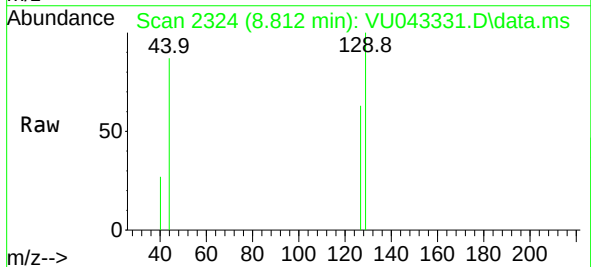
Instrument :
MSVOA_U
ClientSampleId :

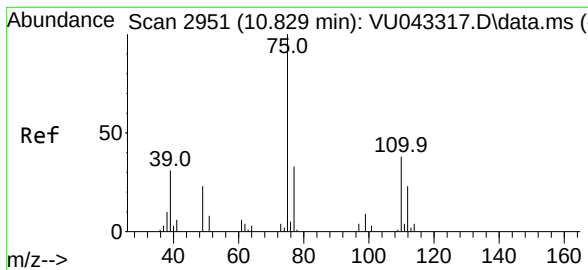
Tgt Ion: 43	Resp: 6780
Ion Ratio	Lower Upper
43	100
58	36.2 50.0 75.0#
57	16.2 17.4 26.0#
100	6.7 11.8 17.8#



#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.007 min
Lab File: VU043331.D
Acq: 26 Apr 2021 17:26

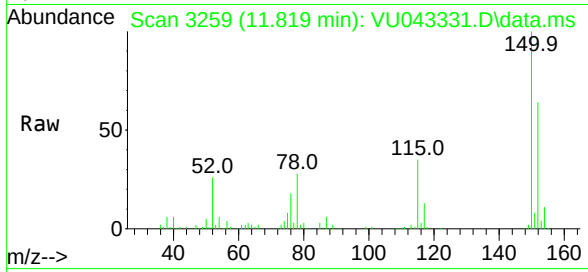
Tgt Ion: 129	Resp: 516
Ion Ratio	Lower Upper
129	100
127	62.9 56.6 105.2





#61
 1,2,3-Trichloropropane
 Concen: 1.27 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043331.D
 Acq: 26 Apr 2021 17:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6131
 Ion Ratio Lower Upper
 75 100
 110 1.9 31.5 47.3#
 77 34.4 26.3 39.5

