

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043332.D
 Acq On : 26 Apr 2021 17:49
 Operator : SY/MD
 Sample : M2124-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:43:49 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	101363	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	101660	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47652	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23181	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.919	69	21842	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.575	65	14914	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.649	46	128869	57.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.00%
24) Chloroform-d	5.073	84	64044	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.713	65	41745	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.735	84	111156	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.700	67	39037	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.906	98	94270	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloroprop...	8.186	79	14429	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.642	63	76254	44.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.22%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33023	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	38207	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

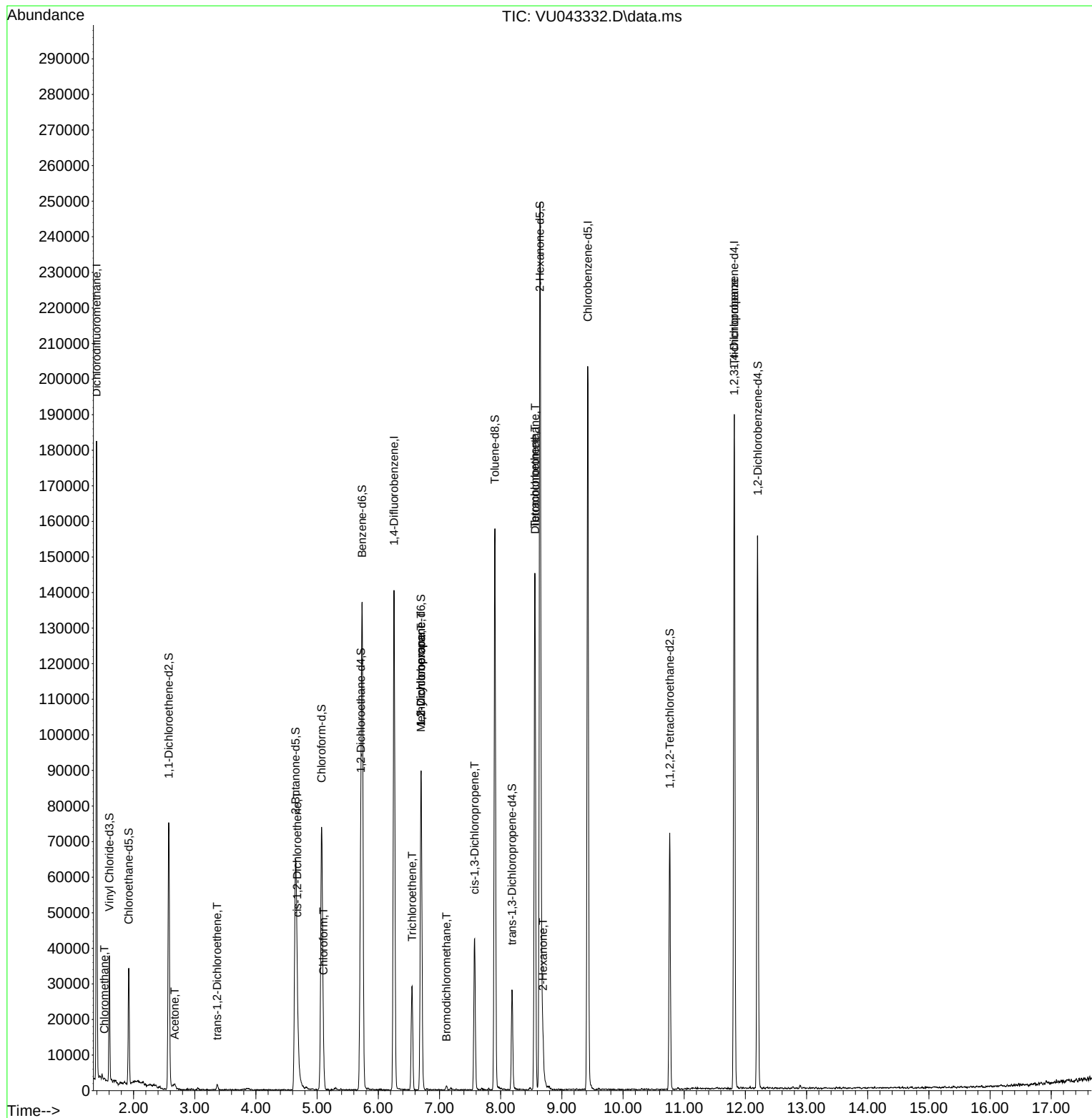
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.395	85	2044	0.31	ug/L	89
3) Chloromethane	1.523	50	972	0.15	ug/L	98
13) Acetone	2.671	43	2404	1.45	ug/L	88
18) trans-1,2-Dichloroethene	3.366	96	428	0.07	ug/L #	68
22) cis-1,2-Dichloroethene	4.674	96	1392	0.20	ug/L #	81
25) Chloroform	5.102	83	7021	0.50	ug/L	91
34) Trichloroethene	6.552	95	9351	1.25	ug/L	94
35) Methylcyclohexane	6.697	83	8695	0.84	ug/L #	20
37) 1,2-Dichloropropane	6.700	63	4509	0.59	ug/L #	87
38) Bromodichloromethane	7.112	83	988	0.10	ug/L #	76
39) cis-1,3-Dichloropropene	7.575	75	1030	0.09	ug/L #	43
47) Tetrachloroethene	8.558	164	30695	5.17	ug/L	94
48) 2-Hexanone	8.694	43	5762	1.14	ug/L #	80
49) Dibromochloromethane	8.562	129	27988	3.88	ug/L #	9
61) 1,2,3-Trichloropropane	11.816	75	5744	1.17	ug/L #	68

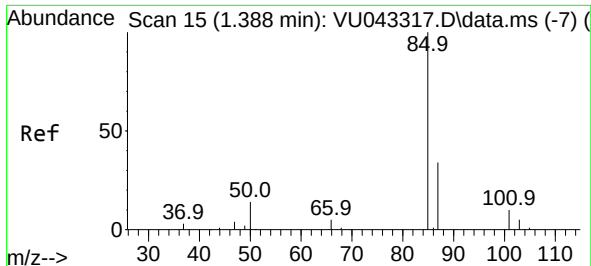
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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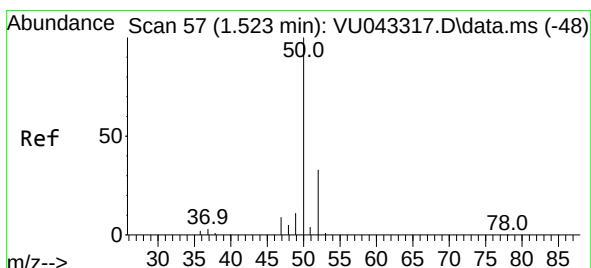
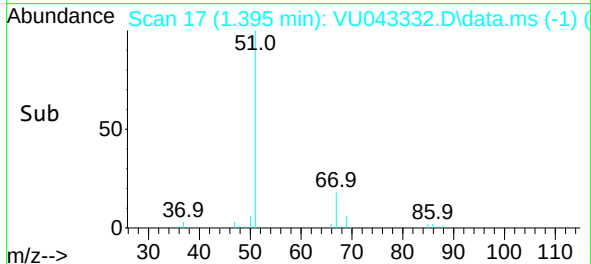
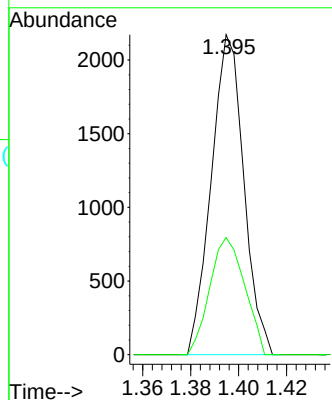
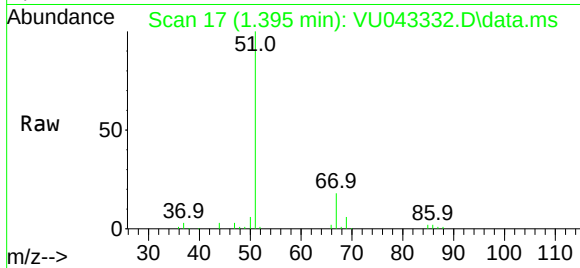




#2
Dichlorodifluoromethane
Concen: 0.31 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

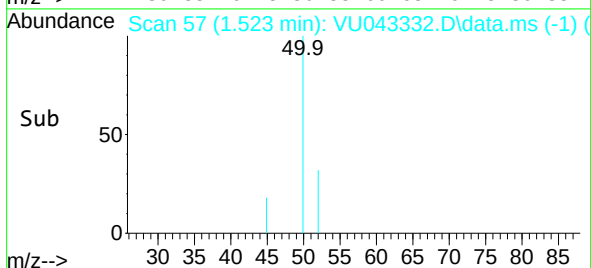
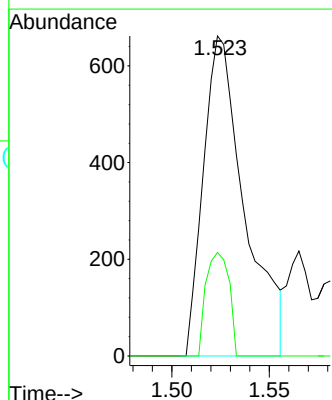
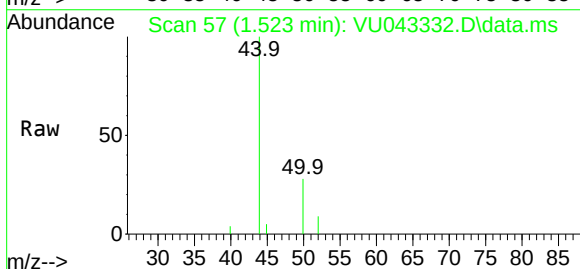
Instrument :
MSVOA_U
ClientSampled :

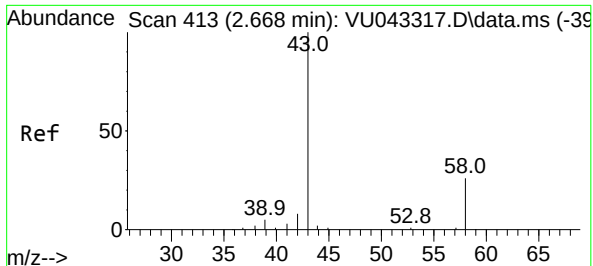
Tgt Ion: 85 Resp: 2044
Ion Ratio Lower Upper
85 100
87 39.3 26.3 39.5



#3
Chloromethane
Concen: 0.15 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

Tgt Ion: 50 Resp: 972
Ion Ratio Lower Upper
50 100
52 32.3 23.6 43.8

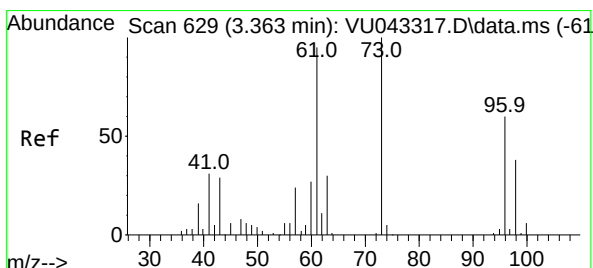
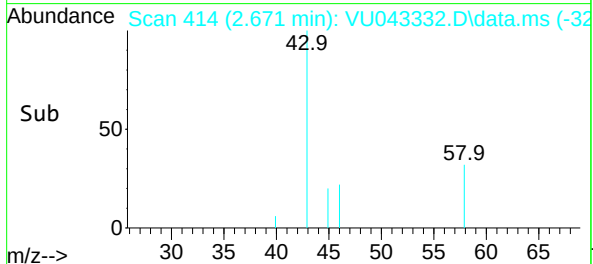
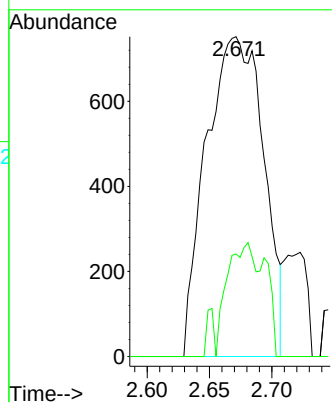
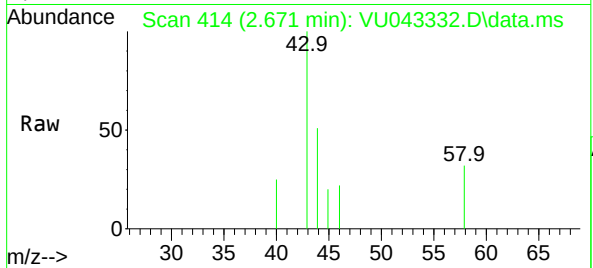




#13
Acetone
Concen: 1.45 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

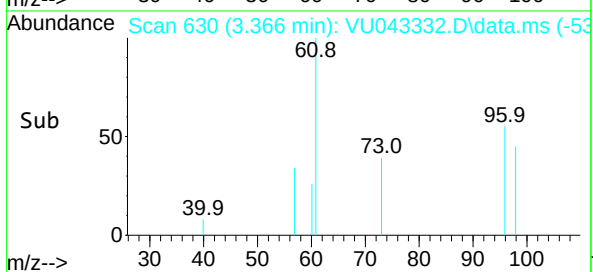
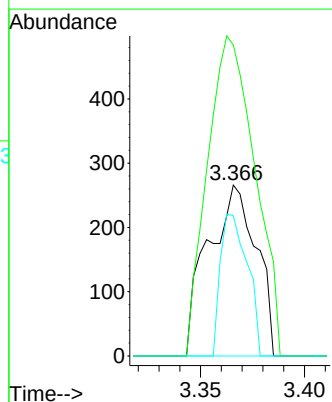
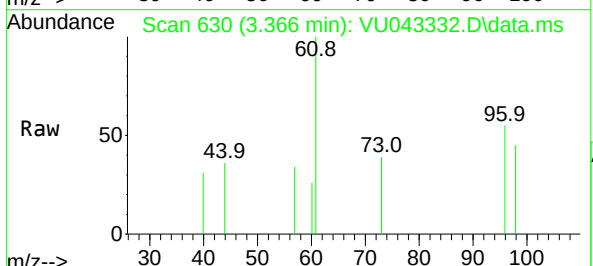
Instrument :
MSVOA_U
ClientSampleId :

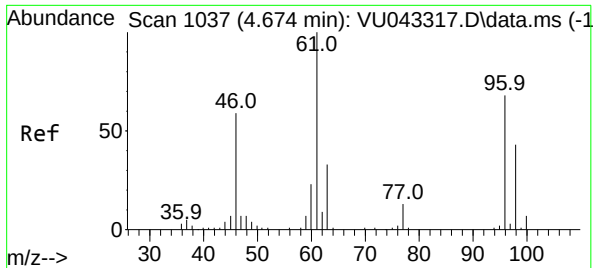
Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
58 17.1 0.0 25.0



#18
trans-1,2-Dichloroethene
Concen: 0.07 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

Tgt Ion: 96 Resp: 428
Ion Ratio Lower Upper
96 100
61 182.0 96.6 179.4#
98 82.0 44.7 82.9

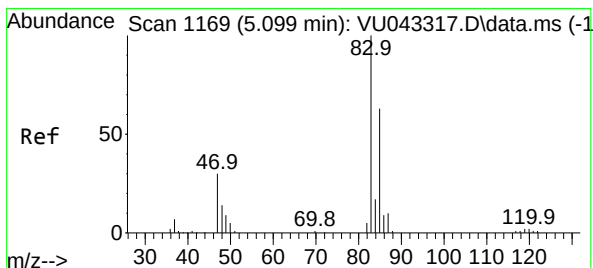
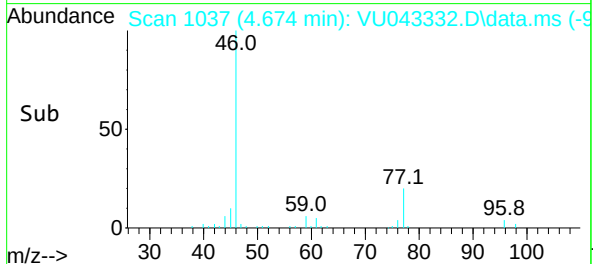
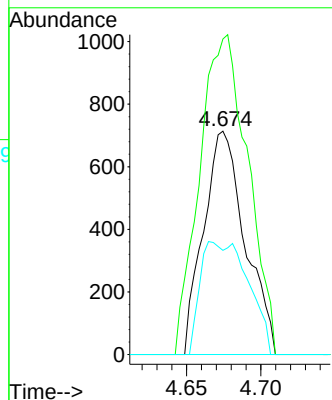
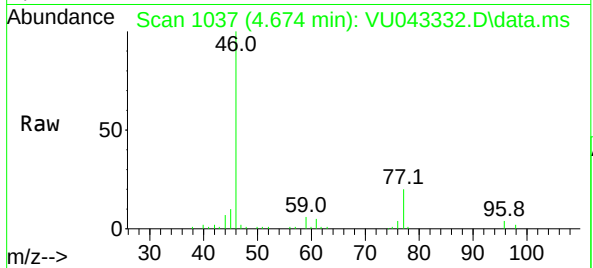




#22
cis-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

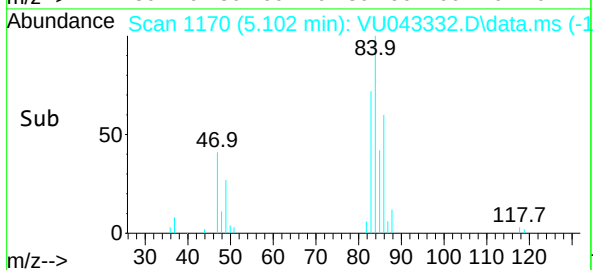
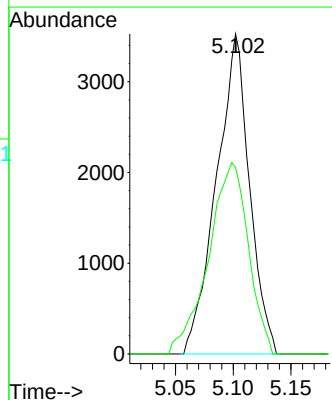
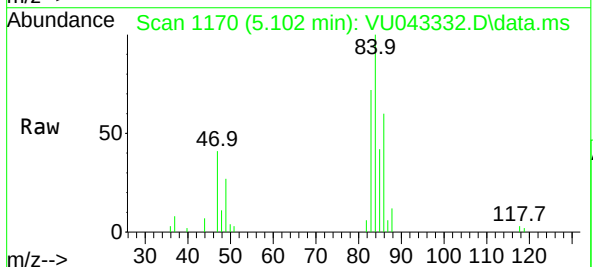
Instrument :
MSVOA_U
ClientSampled :

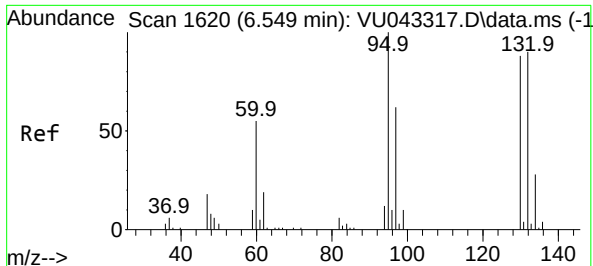
Tgt Ion: 96 Resp: 1392
Ion Ratio Lower Upper
96 100
61 141.2 87.4 162.4
98 46.6 47.7 88.5#



#25
Chloroform
Concen: 0.50 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

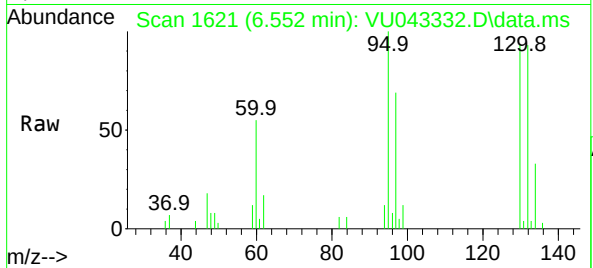
Tgt Ion: 83 Resp: 7021
Ion Ratio Lower Upper
83 100
85 58.3 45.6 84.8



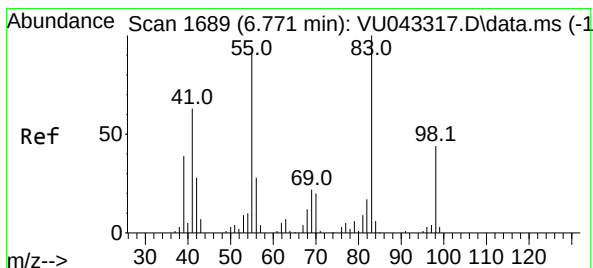
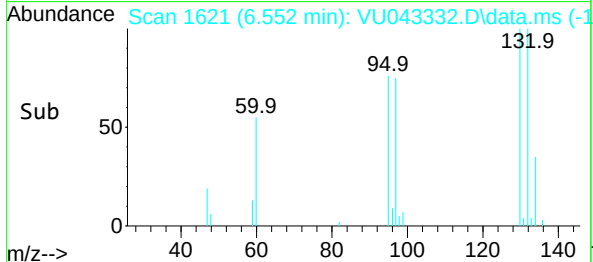
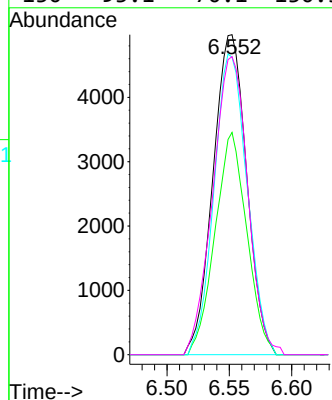


#34
Trichloroethene
Concen: 1.25 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

Instrument :
MSVOA_U
ClientSampled :

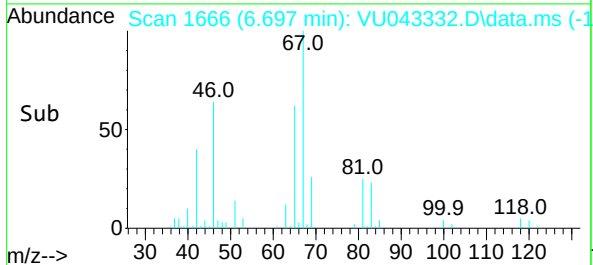
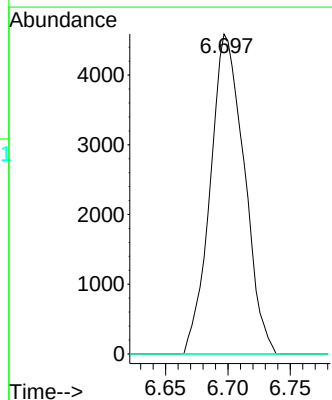
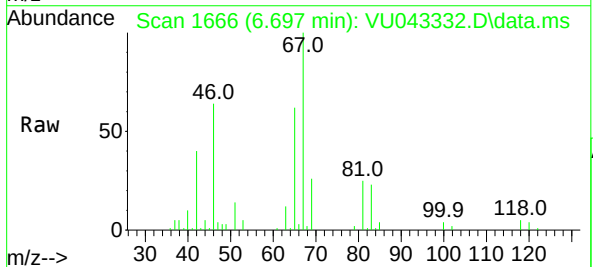


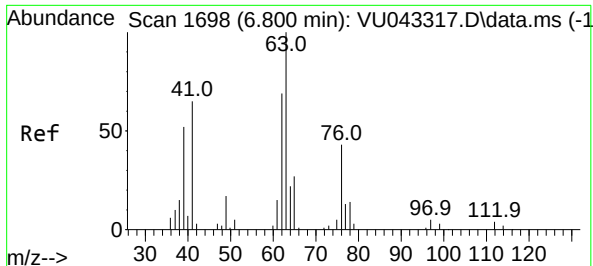
Tgt Ion: 95 Resp: 9351
Ion Ratio Lower Upper
95 100
97 69.4 45.8 85.2
132 92.9 68.7 127.7
130 93.1 70.1 130.3



#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

Tgt Ion: 83 Resp: 8695
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 1.0 37.9 56.9#



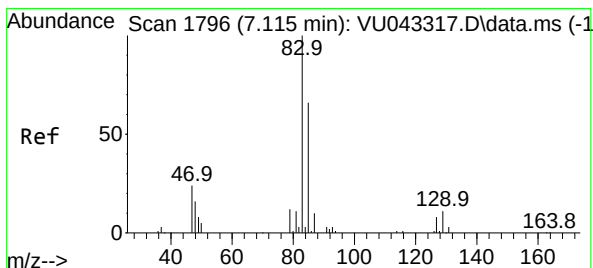
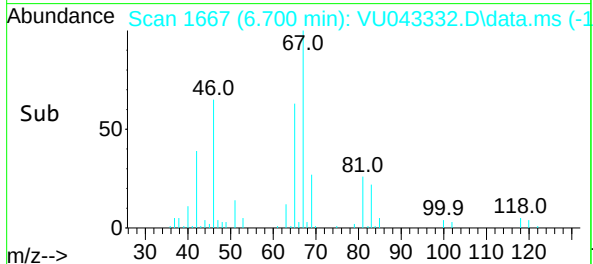
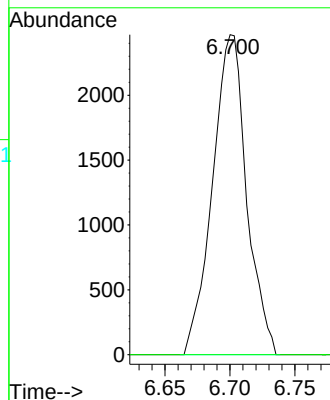
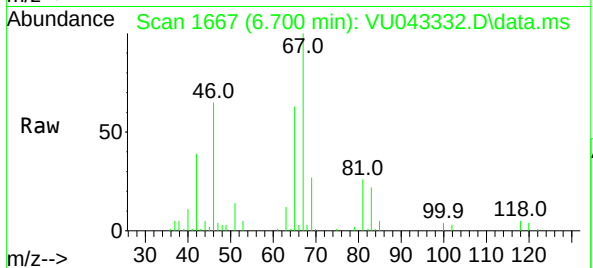


#37

1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

Instrument :
MSVOA_U
ClientSampleId :

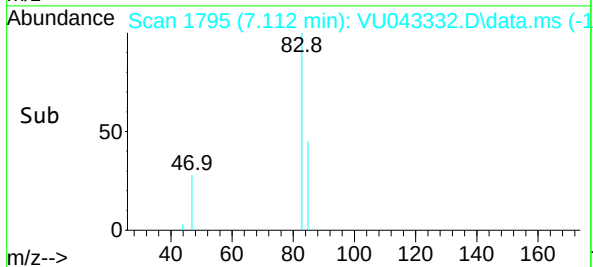
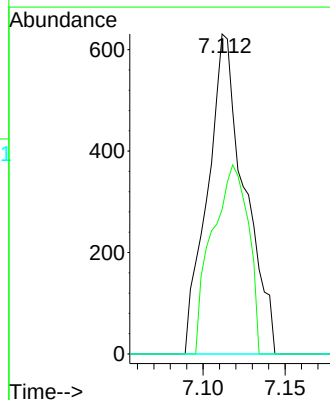
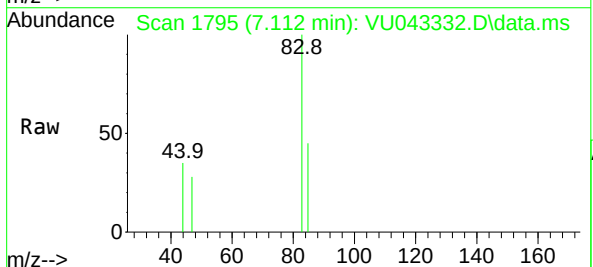
Tgt Ion: 63 Resp: 4509
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

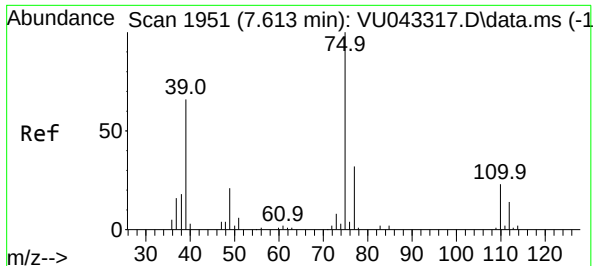


#38

Bromodichloromethane
Concen: 0.10 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

Tgt Ion: 83 Resp: 988
Ion Ratio Lower Upper
83 100
85 45.2 44.6 82.8
127 0.0 7.4 11.2#

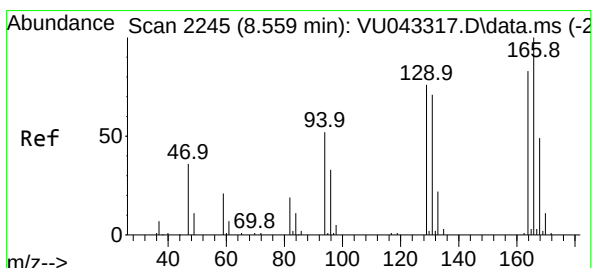
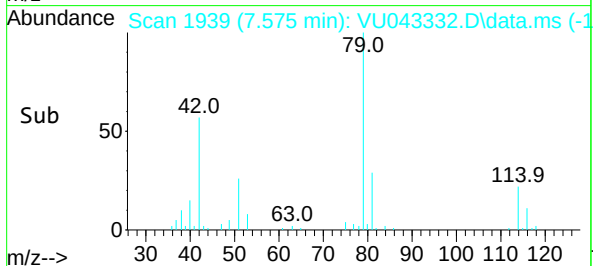
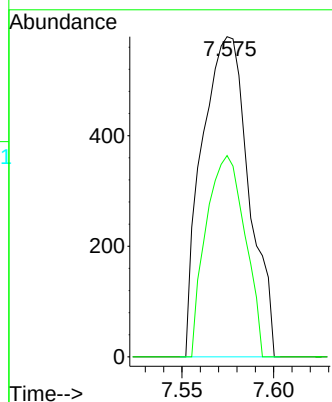
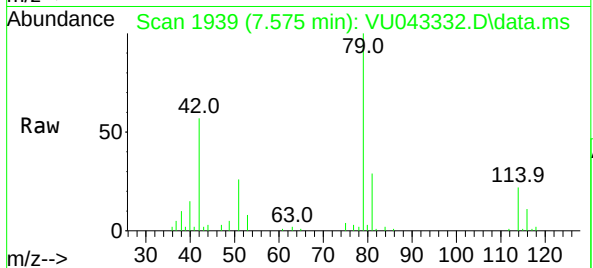




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

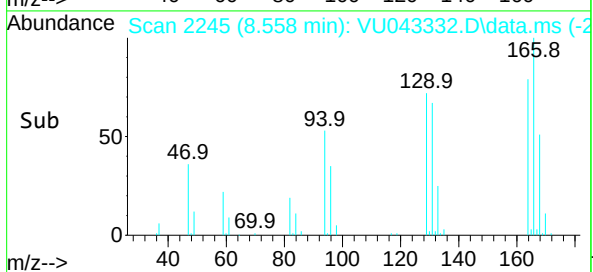
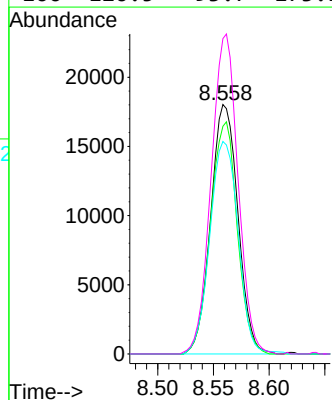
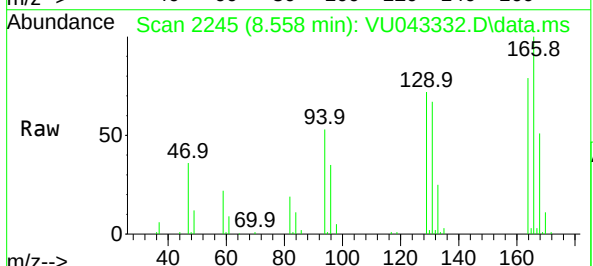
Instrument :
MSVOA_U
ClientSampled :

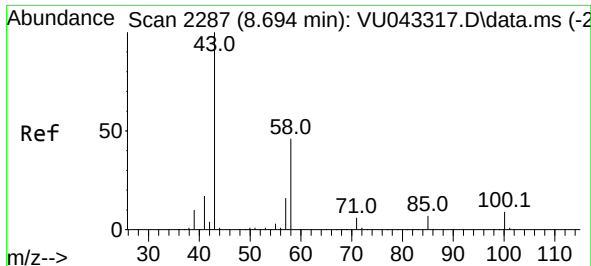
Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
77 62.9 21.8 40.6#



#47
Tetrachloroethene
Concen: 5.17 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

Tgt Ion: 164 Resp: 30695
Ion Ratio Lower Upper
164 100
129 91.3 66.6 123.8
131 85.2 65.9 122.3
166 126.5 93.7 173.9

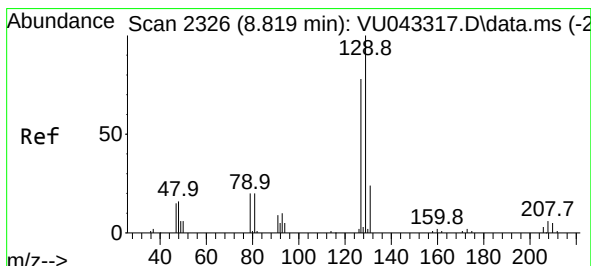
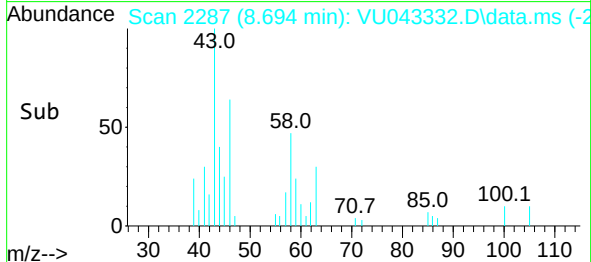
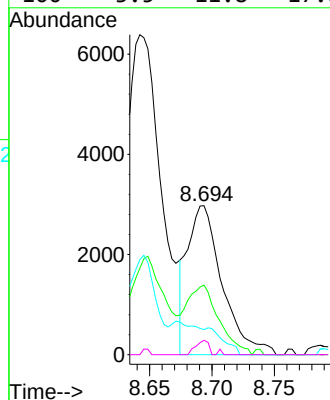
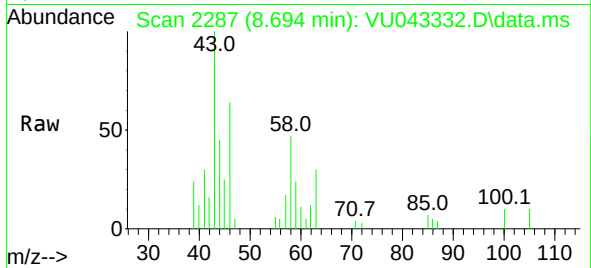




#48
2-Hexanone
Concen: 1.14 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

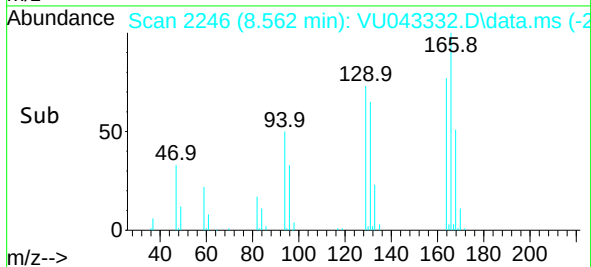
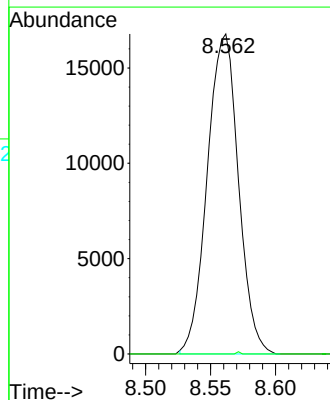
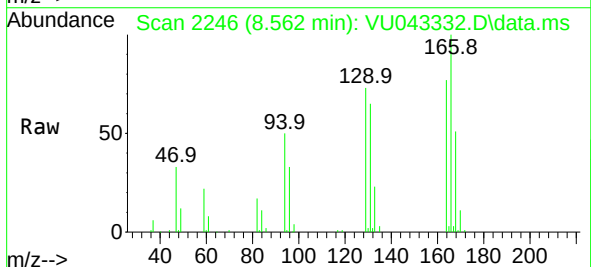
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MSVOA_U
ClientSampleId :

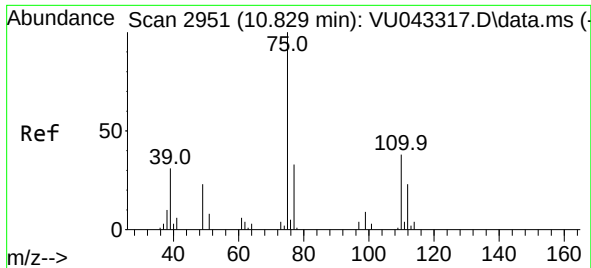
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Ion Ratio	Lower Upper
43 100	
58 45.4	50.0 75.0#
57 26.5	17.4 26.0#
100 3.5	11.8 17.8#



#49
Dibromochloromethane
Concen: 3.88 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043332.D
Acq: 26 Apr 2021 17:49

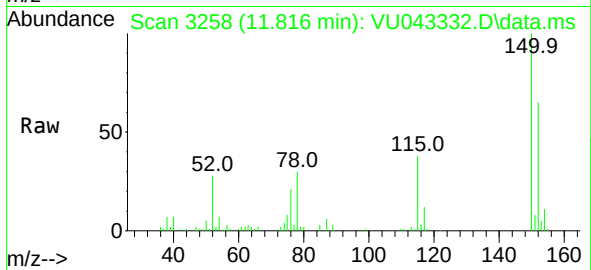
Tgt Ion:129	Resp: 27988
Ion Ratio	Lower Upper
129 100	
127 0.0	56.6 105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.17 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU043332.D
 Acq: 26 Apr 2021 17:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5744
 Ion Ratio Lower Upper
 75 100
 110 3.3 31.5 47.3#
 77 33.0 26.3 39.5

