

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043333.D
 Acq On : 26 Apr 2021 18:13
 Operator : SY/MD
 Sample : M2124-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:44:04 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)

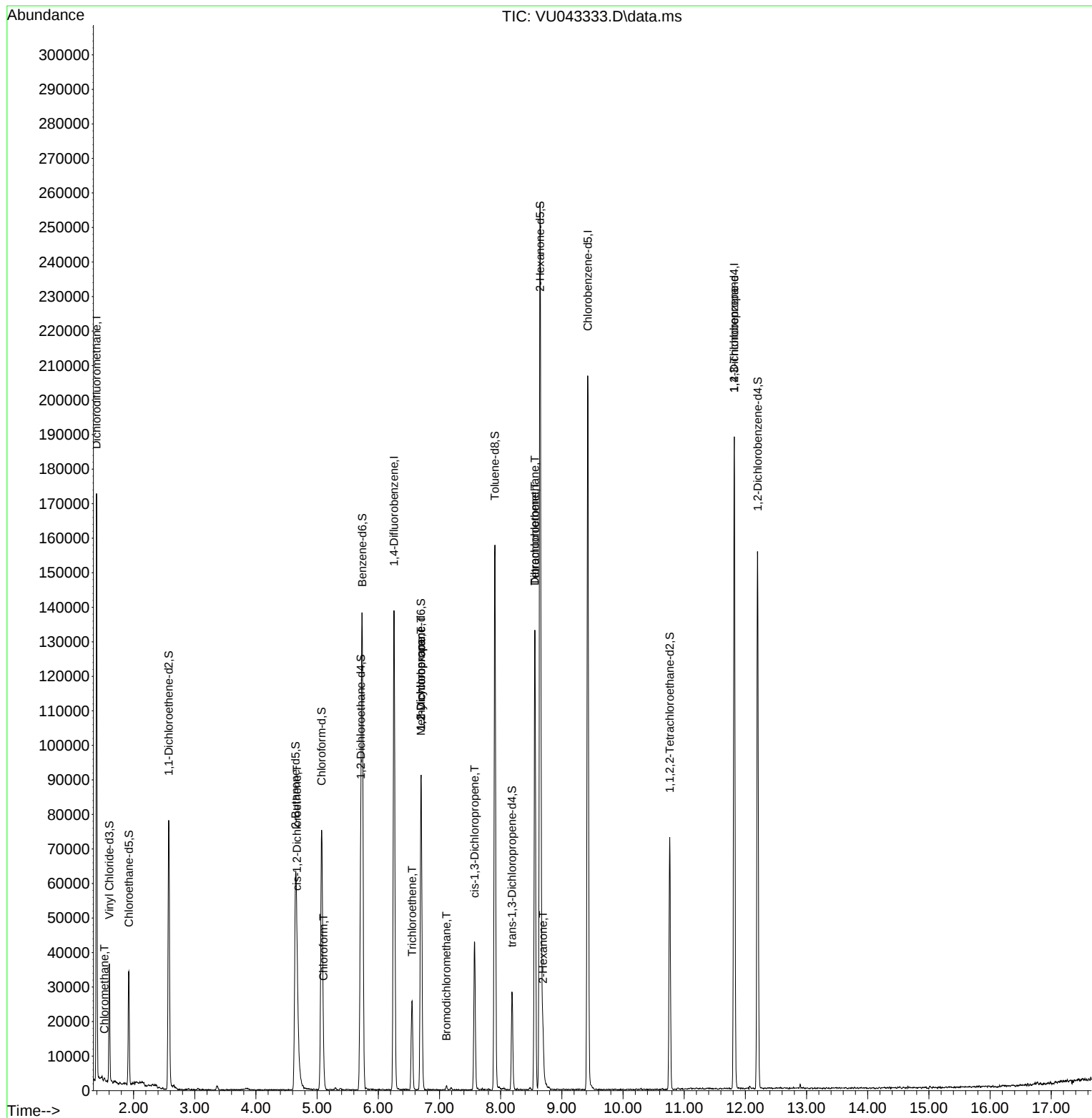
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	103041	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	103837	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46929	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23623	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.922	69	21990	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.575	65	15496	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	4.649	46	131150	57.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.14%
24) Chloroform-d	5.073	84	64979	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.713	65	42359	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.739	84	114455	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.700	67	39554	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.906	98	95678	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.185	79	14133	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.645	63	79580	45.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33561	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	37593	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1695	0.26	ug/L	99
3) Chloromethane	1.523	50	730	0.11	ug/L	86
22) cis-1,2-Dichloroethene	4.671	96	685	0.09	ug/L #	89
25) Chloroform	5.102	83	7427	0.52	ug/L	98
34) Trichloroethene	6.552	95	8431	1.10	ug/L	99
35) Methylcyclohexane	6.697	83	8933	0.84	ug/L #	21
37) 1,2-Dichloropropane	6.700	63	4938	0.63	ug/L #	87
38) Bromodichloromethane	7.115	83	876	0.08	ug/L #	66
39) cis-1,3-Dichloropropene	7.575	75	1329	0.12	ug/L	94
47) Tetrachloroethene	8.558	164	27039	4.46	ug/L	98
48) 2-Hexanone	8.693	43	5982	1.16	ug/L #	83
49) Dibromochloromethane	8.558	129	24768	3.36	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	6017	1.24	ug/L #	63

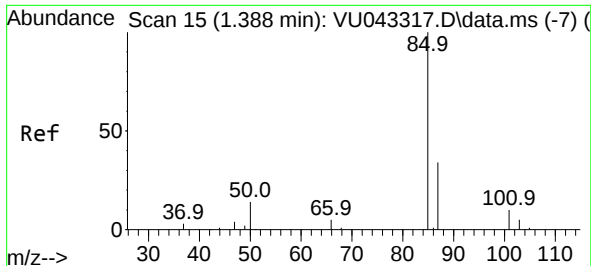
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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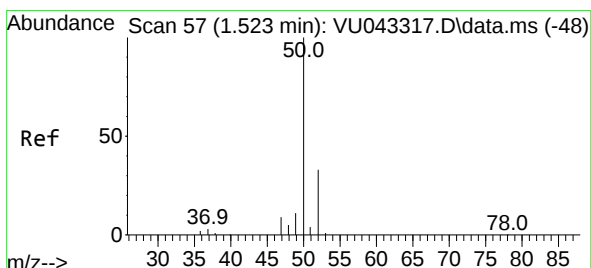
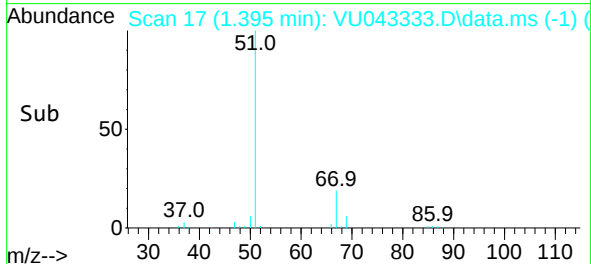
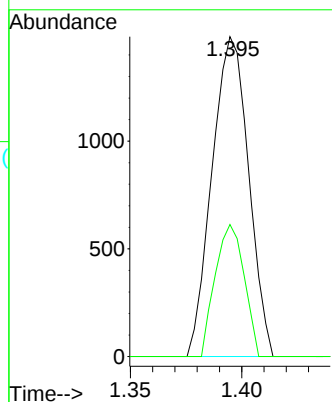
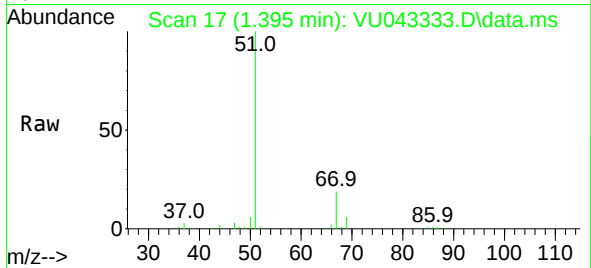




#2
Dichlorodifluoromethane
Concen: 0.26 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

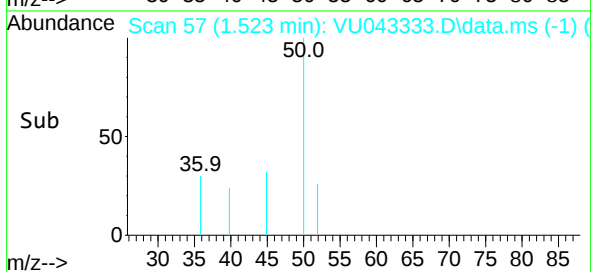
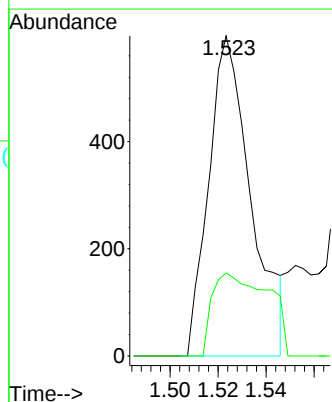
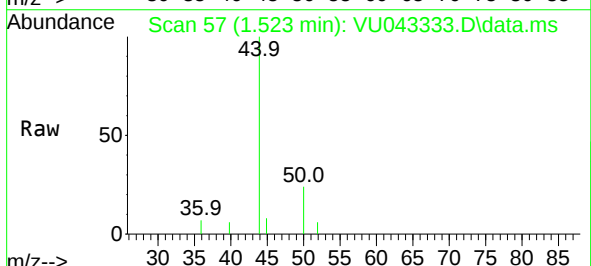
Instrument :
MSVOA_U
ClientSampled :

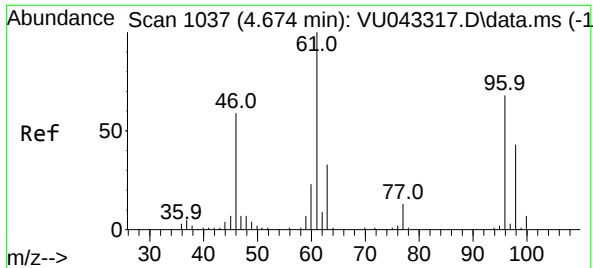
Tgt Ion: 85 Resp: 1695
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 26.0 23.6 43.8

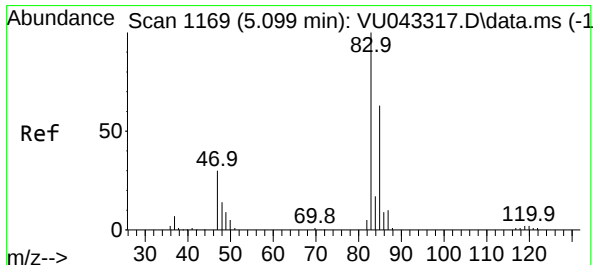
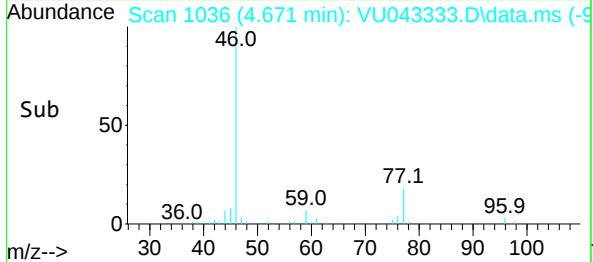
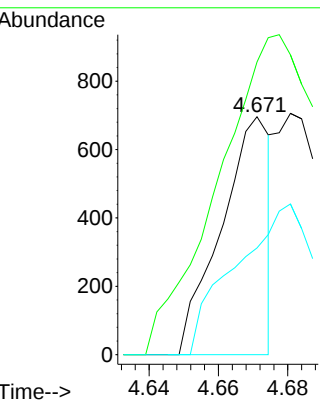
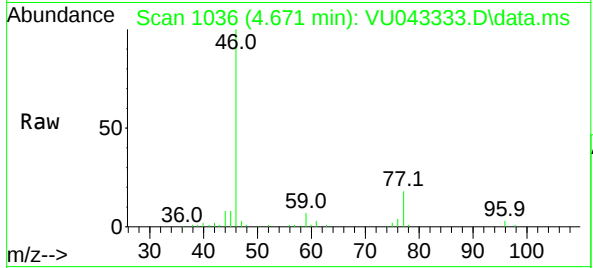




#22
 cis-1,2-Dichloroethene
 Concen: 0.09 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU043333.D
 Acq: 26 Apr 2021 18:13

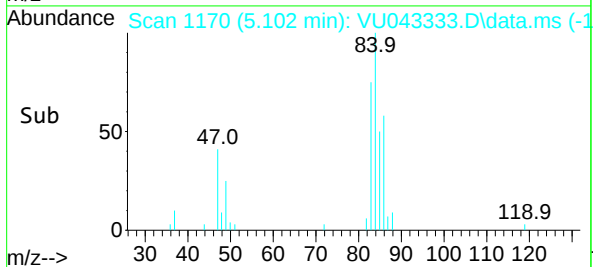
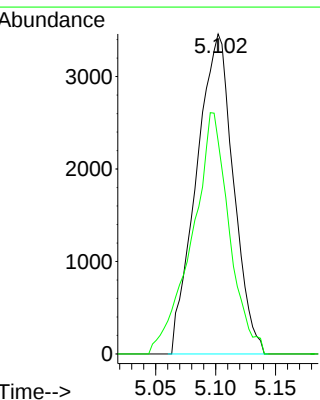
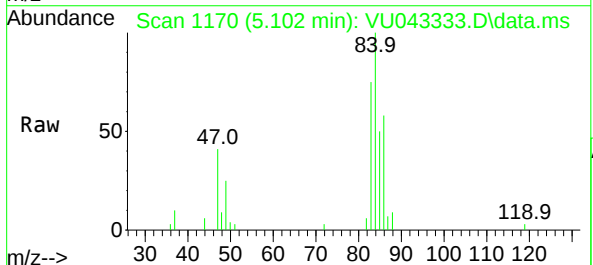
Instrument :
 MSVOA_U
 ClientSampled :

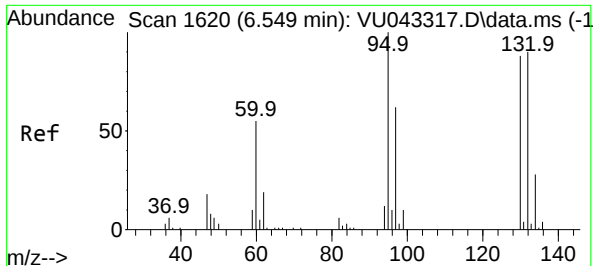
Tgt Ion:	96	Resp:	685
Ion	Ratio	Lower	Upper
96	100		
61	123.0	87.4	162.4
98	44.8	47.7	88.5#



#25
 Chloroform
 Concen: 0.52 ug/L
 RT: 5.102 min Scan# 1170
 Delta R.T. 0.003 min
 Lab File: VU043333.D
 Acq: 26 Apr 2021 18:13

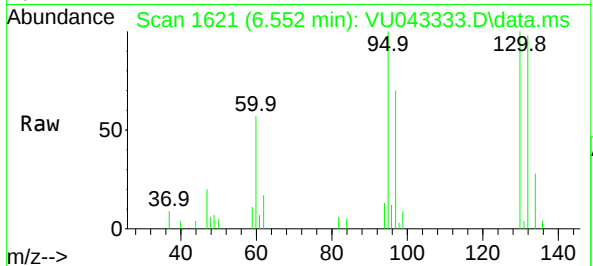
Tgt Ion:	83	Resp:	7427
Ion	Ratio	Lower	Upper
83	100		
85	66.5	45.6	84.8



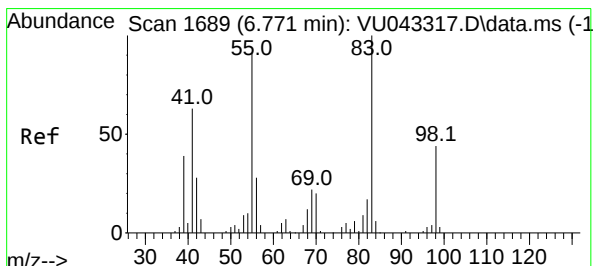
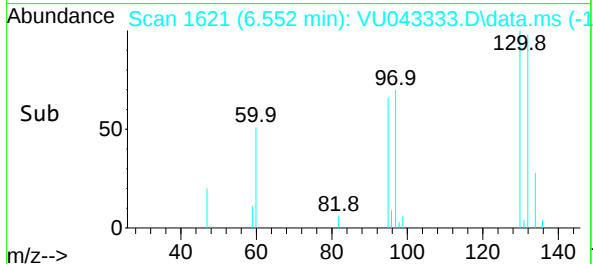
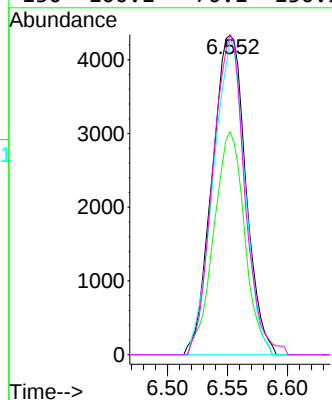


#34
Trichloroethene
Concen: 1.10 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

Instrument :
MSVOA_U
ClientSampled :

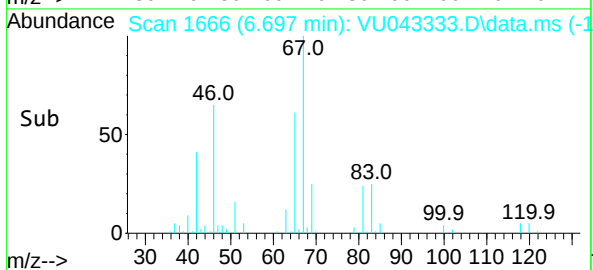
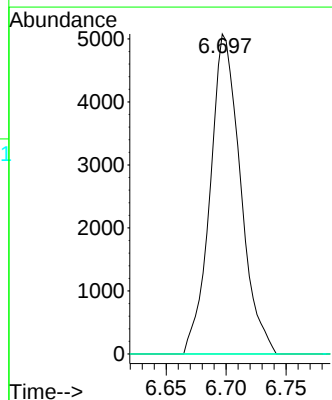
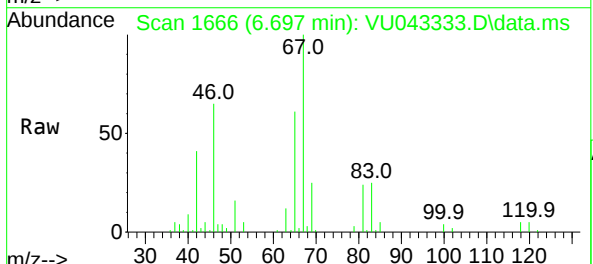


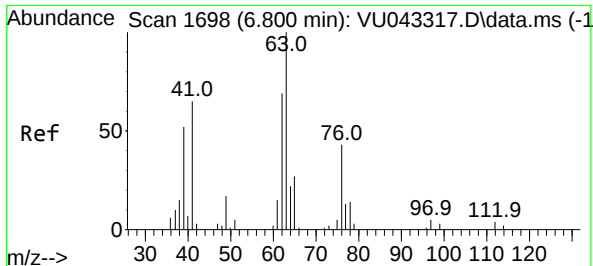
Tgt Ion: 95 Resp: 8431
Ion Ratio Lower Upper
95 100
97 69.7 45.8 85.2
132 98.5 68.7 127.7
130 100.1 70.1 130.3



#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

Tgt Ion: 83 Resp: 8933
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 4.1 37.9 56.9#



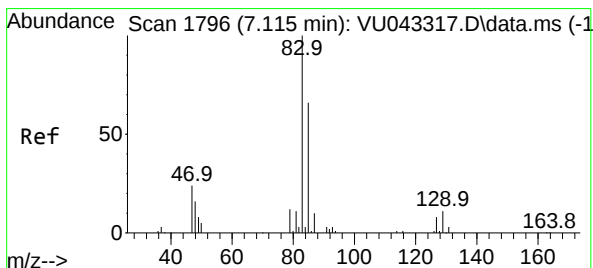
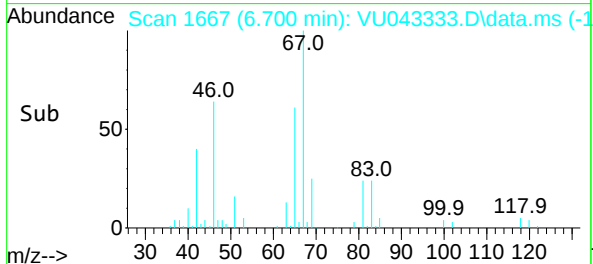
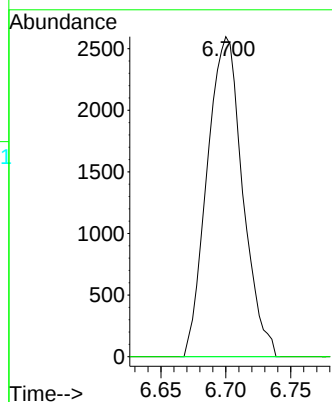
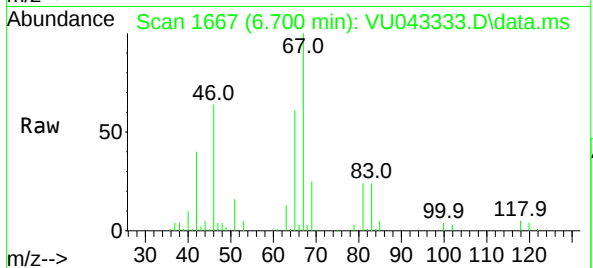


#37

1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

Instrument :
MSVOA_U
ClientSampled :

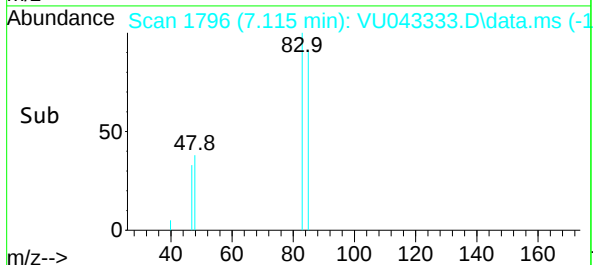
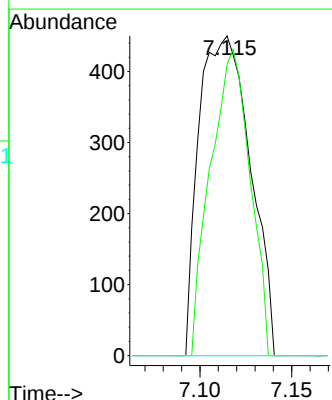
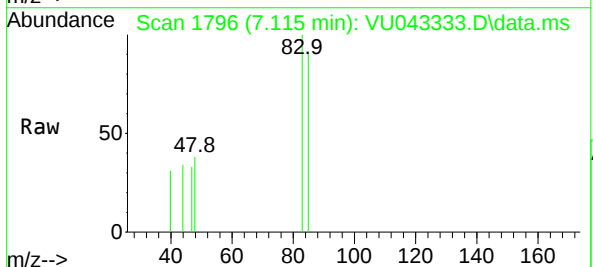
Tgt Ion: 63 Resp: 4938
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

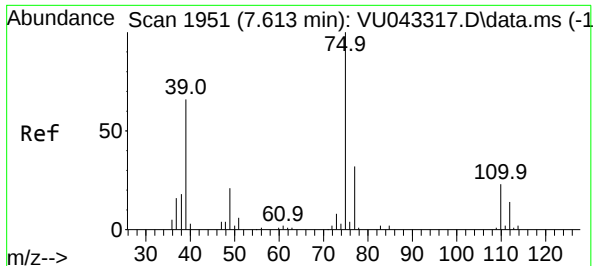


#38

Bromodichloromethane
Concen: 0.08 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

Tgt Ion: 83 Resp: 876
Ion Ratio Lower Upper
83 100
85 91.1 44.6 82.8#
127 0.0 7.4 11.2#

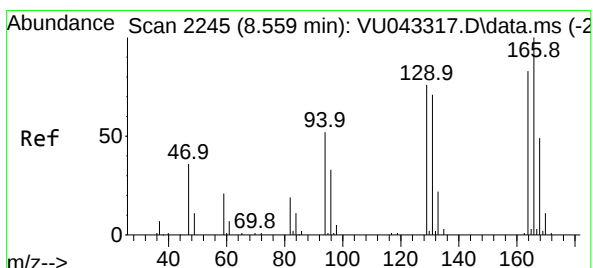
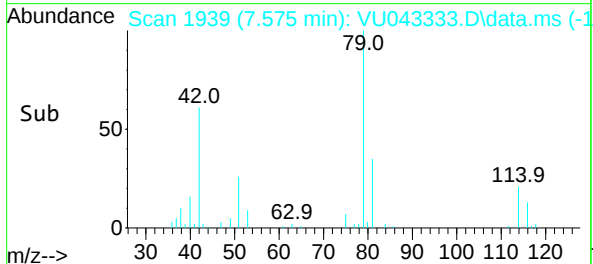
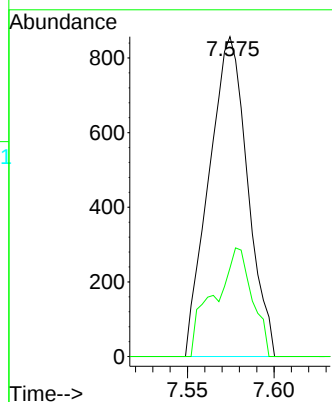
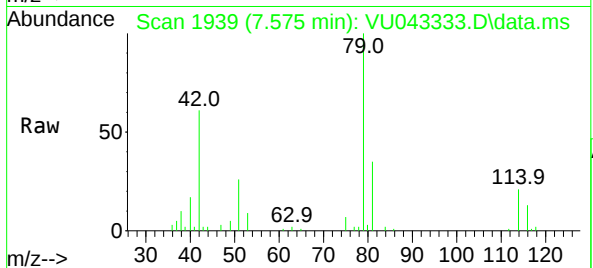




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

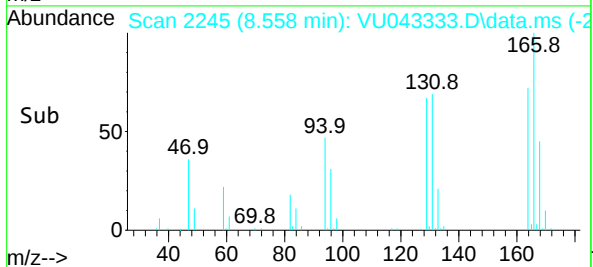
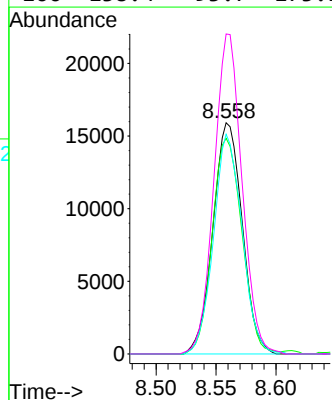
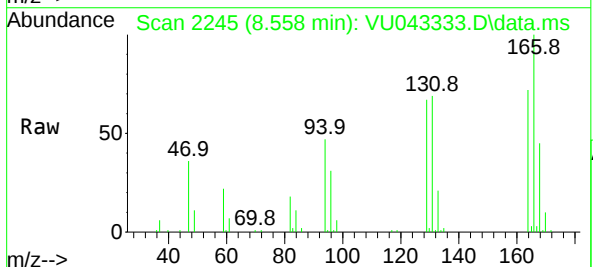
Instrument :
MSVOA_U
ClientSampled :

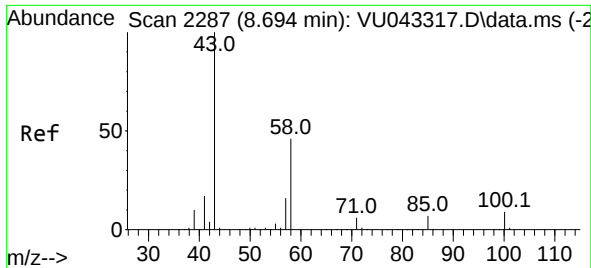
Tgt Ion: 75 Resp: 1329
Ion Ratio Lower Upper
75 100
77 27.7 21.8 40.6



#47
Tetrachloroethene
Concen: 4.46 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

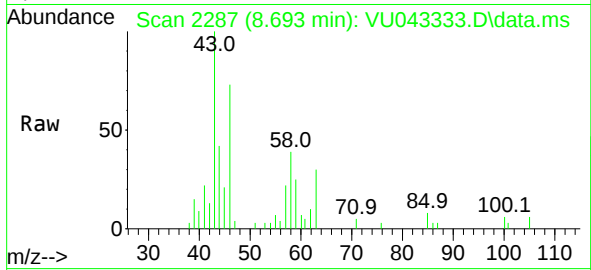
Tgt Ion:164 Resp: 27039
Ion Ratio Lower Upper
164 100
129 93.3 66.6 123.8
131 95.0 65.9 122.3
166 138.4 93.7 173.9



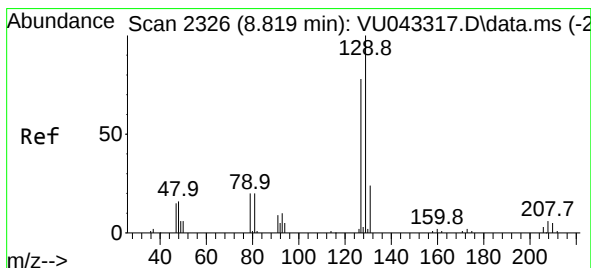
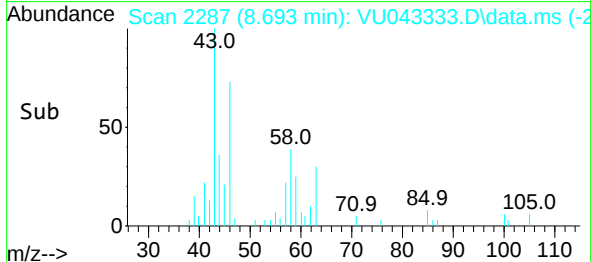
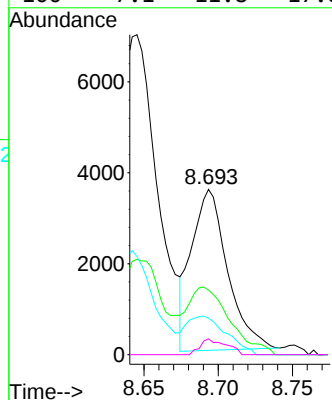


#48
2-Hexanone
Concen: 1.16 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

Instrument :
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ClientSampleId :

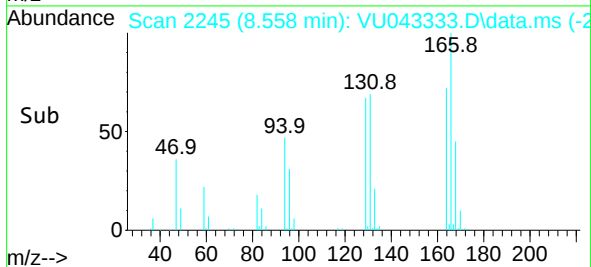
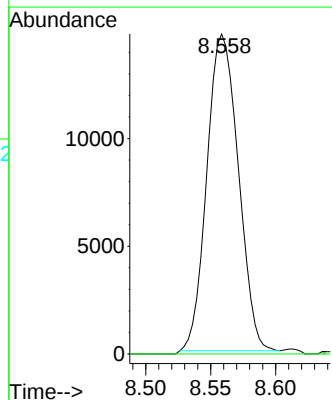
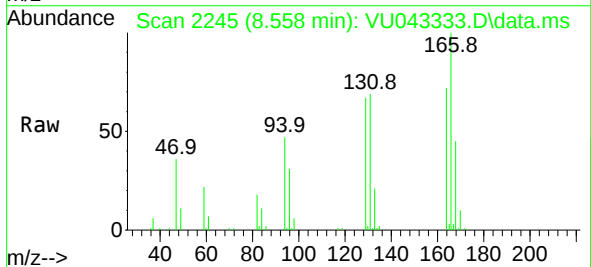


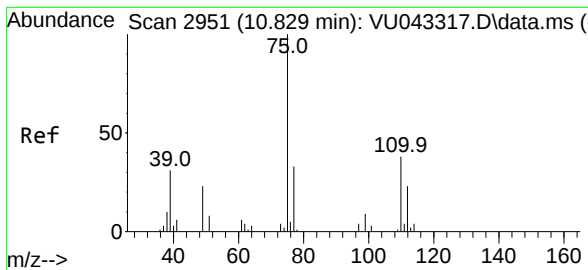
Tgt Ion:	43	Resp:	5982
Ion	Ratio	Lower	Upper
43	100		
58	48.7	50.0	75.0#
57	27.8	17.4	26.0#
100	7.1	11.8	17.8#



#49
Dibromochloromethane
Concen: 3.36 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043333.D
Acq: 26 Apr 2021 18:13

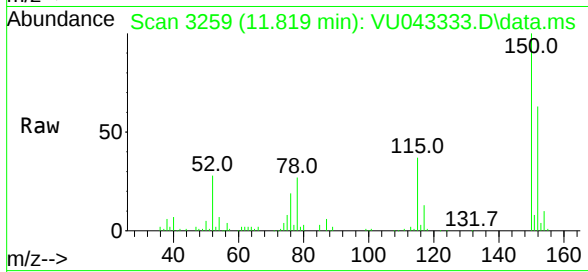
Tgt Ion:	129	Resp:	24768
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.24 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043333.D
 Acq: 26 Apr 2021 18:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6017
 Ion Ratio Lower Upper
 75 100
 110 0.6 31.5 47.3#
 77 36.0 26.3 39.5

