

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043351.D
 Acq On : 27 Apr 2021 14:03
 Operator : SY/MD
 Sample : M2124-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 27 23:49:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 27 23:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

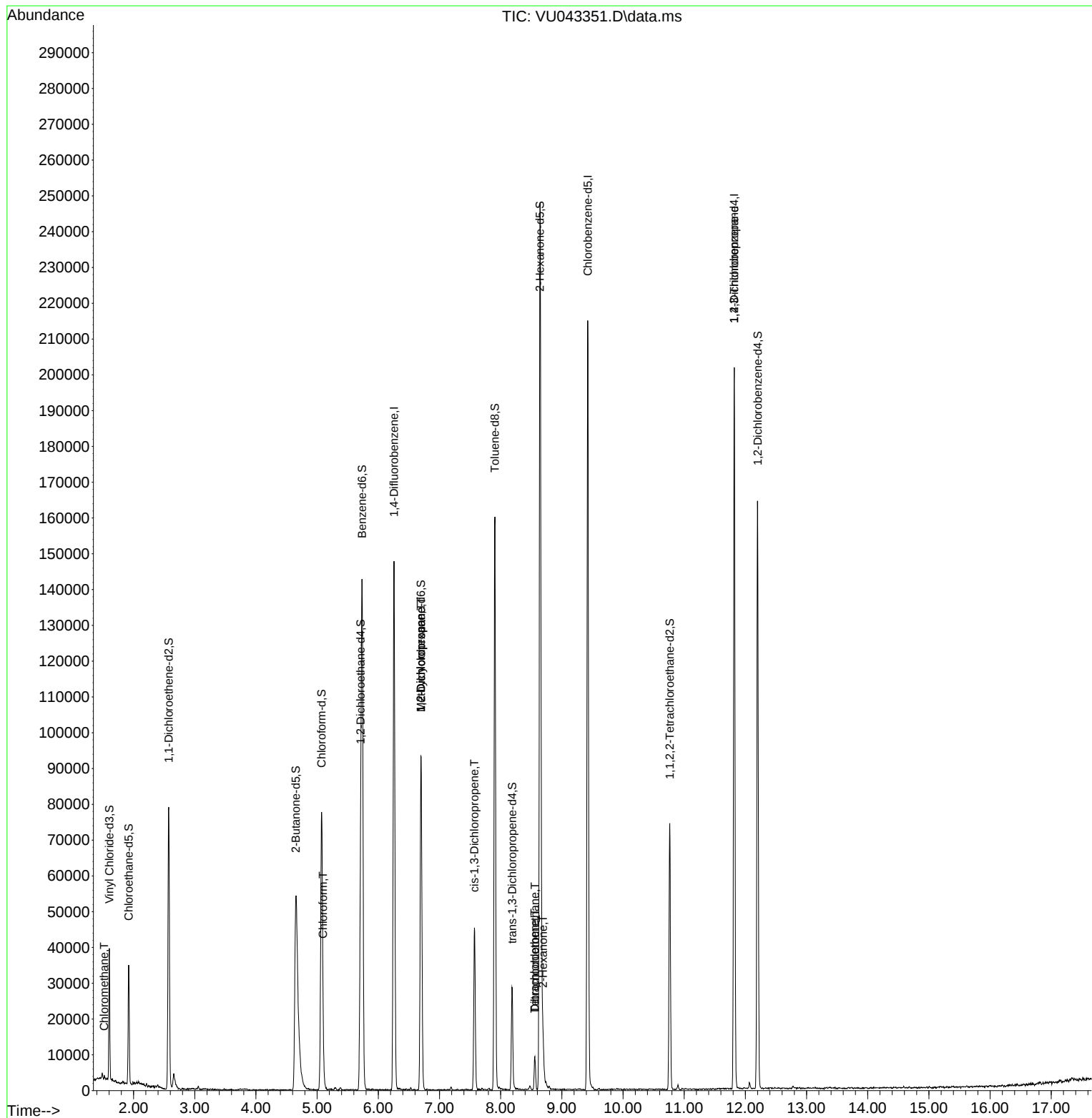
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106714	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	107599	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49063	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22852	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.919	69	21970	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.575	65	15804	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.652	46	132686	55.75	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.50%
24) Chloroform-d	5.073	84	64385	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.713	65	43796	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.735	84	118089	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.697	67	40673	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.906	98	99168	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.189	79	14498	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.642	63	77663	42.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35261	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	40623	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	791	0.12	ug/L	94
25) Chloroform	5.096	83	4030	0.27	ug/L	91
35) Methylcyclohexane	6.700	83	9564	0.87	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	5283	0.65	ug/L	# 87
39) cis-1,3-Dichloropropene	7.568	75	1225	0.10	ug/L	# 61
47) Tetrachloroethene	8.555	164	2020	0.32	ug/L	92
48) 2-Hexanone	8.694	43	5734	1.08	ug/L	# 64
49) Dibromochloromethane	8.558	129	1931	0.25	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	5877	1.16	ug/L	# 61

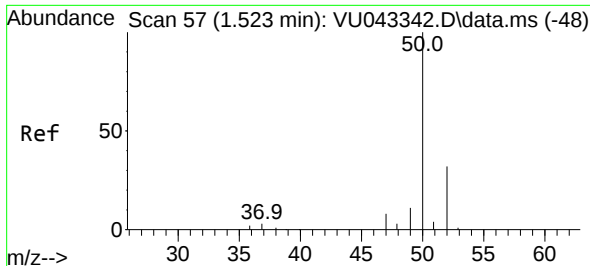
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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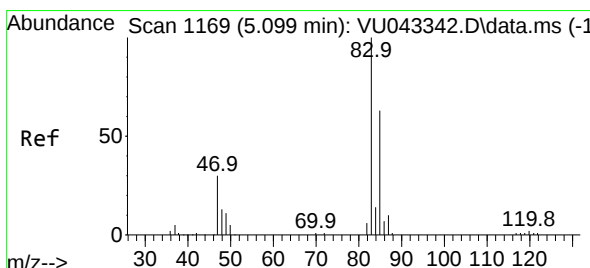
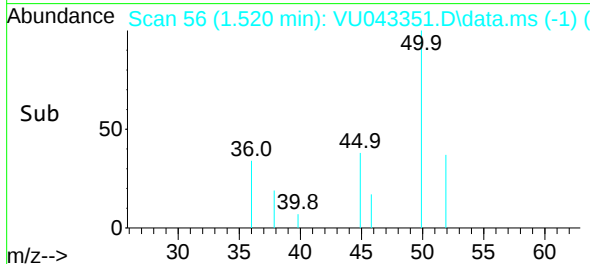
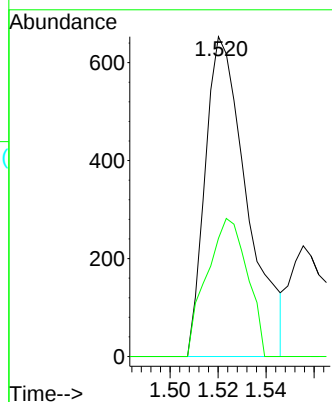
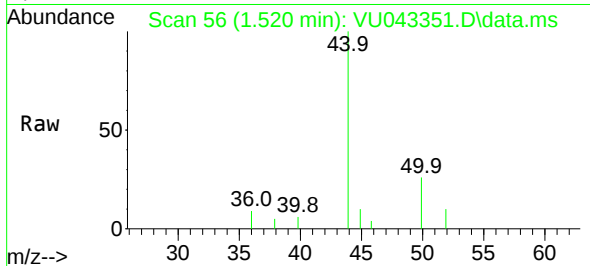




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043351.D
Acq: 27 Apr 2021 14:03

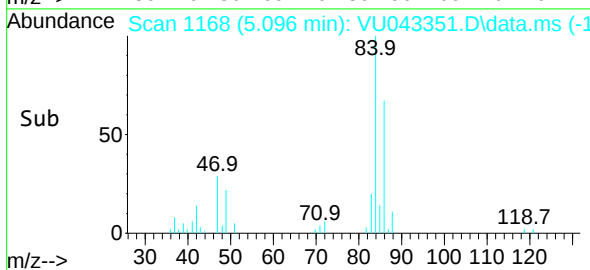
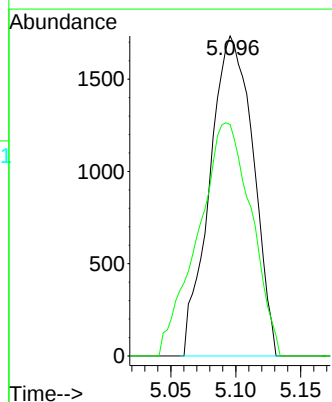
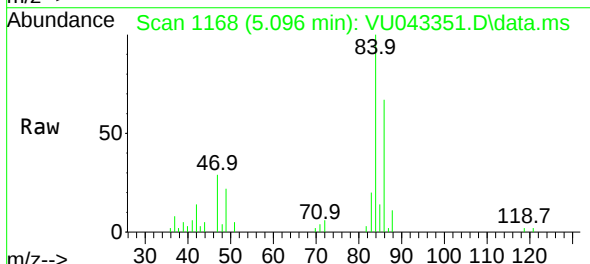
Instrument :
MSVOA_U
ClientSampled :

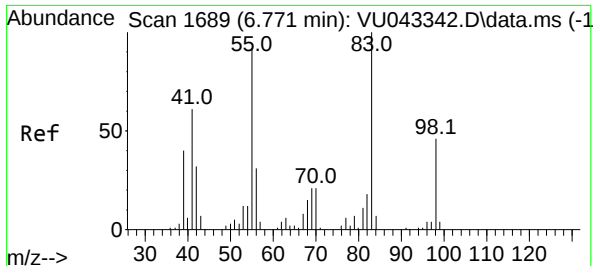
Tgt Ion: 50 Resp: 791
Ion Ratio Lower Upper
50 100
52 36.9 23.6 43.8



#25
Chloroform
Concen: 0.27 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043351.D
Acq: 27 Apr 2021 14:03

Tgt Ion: 83 Resp: 4030
Ion Ratio Lower Upper
83 100
85 72.4 45.6 84.8





#35

Methylcyclohexane

Concen: 0.87 ug/L

RT: 6.700 min Scan# 1667

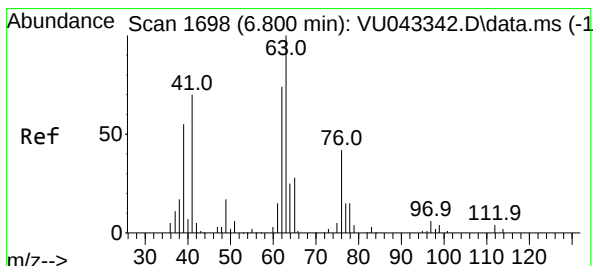
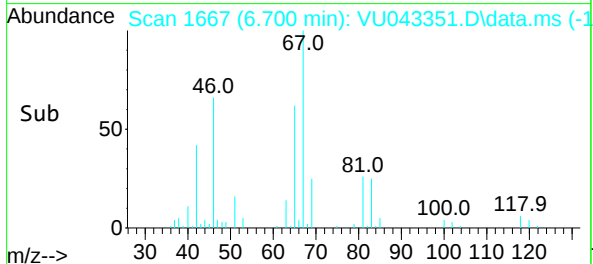
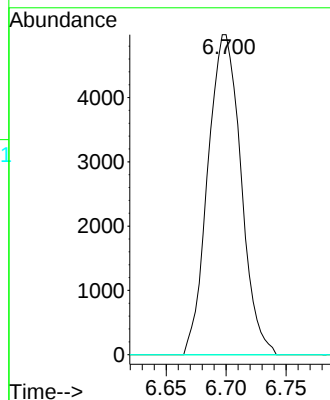
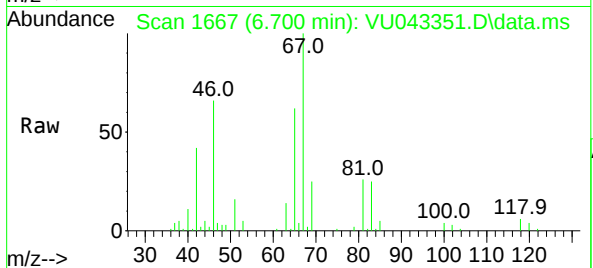
Delta R.T. -0.071 min

Lab File: VU043351.D

Acq: 27 Apr 2021 14:03

Tgt Ion:	83	Resp:	9564
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: 0.65 ug/L

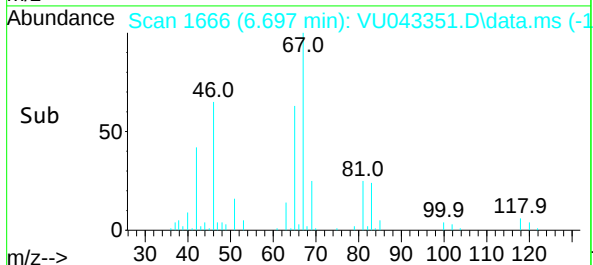
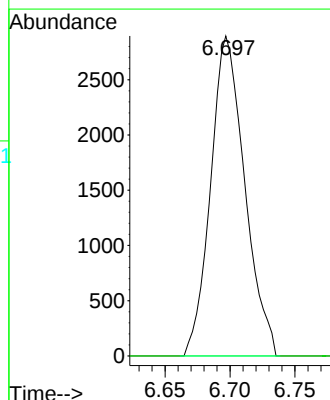
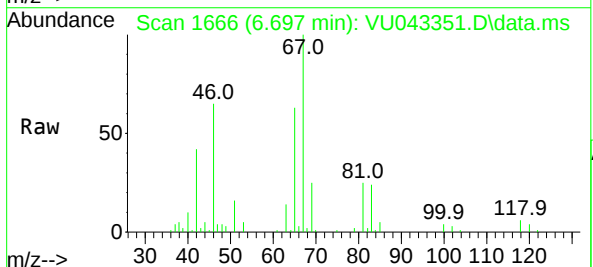
RT: 6.697 min Scan# 1666

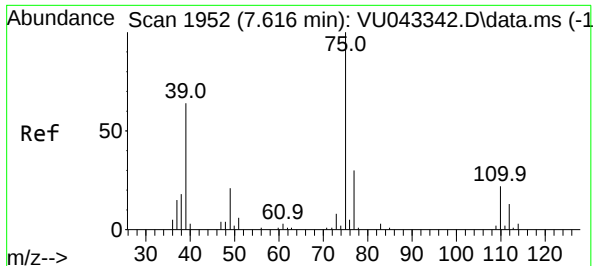
Delta R.T. -0.103 min

Lab File: VU043351.D

Acq: 27 Apr 2021 14:03

Tgt Ion:	63	Resp:	5283
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



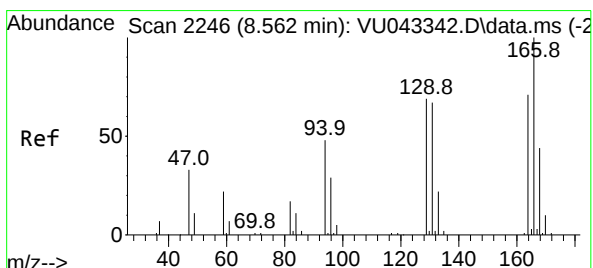
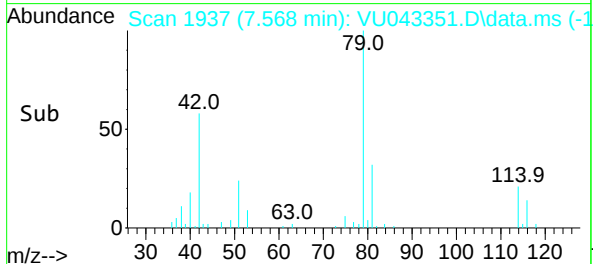
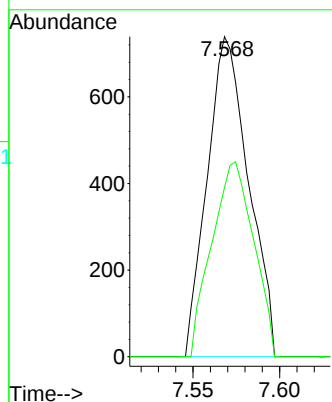
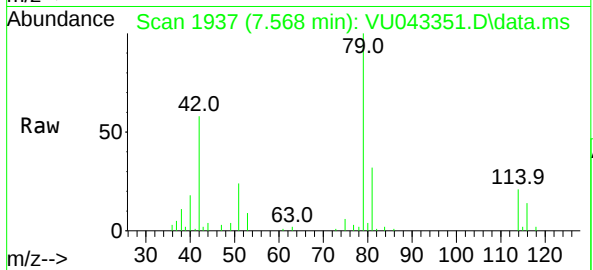


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU043351.D
Acq: 27 Apr 2021 14:03

Instrument :
MSVOA_U
ClientSampled :

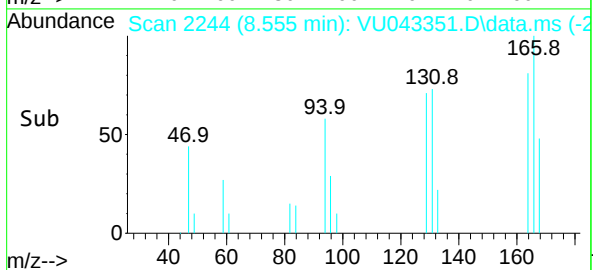
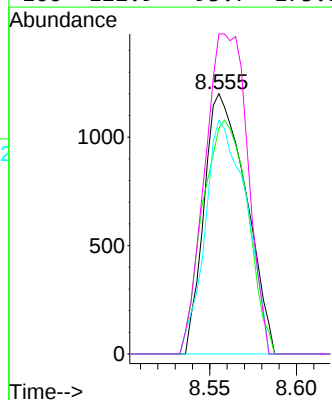
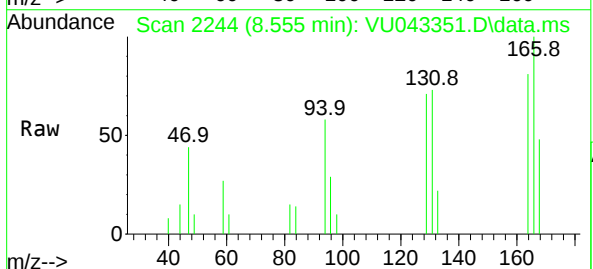
Tgt Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
77 52.9 21.8 40.6#

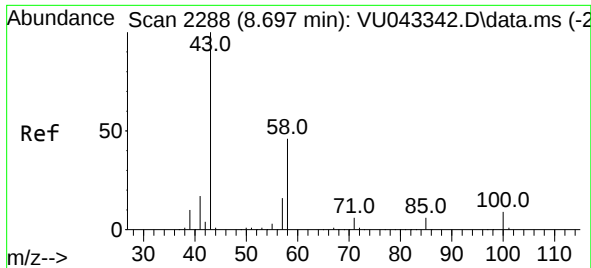


#47

Tetrachloroethene
Concen: 0.32 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.007 min
Lab File: VU043351.D
Acq: 27 Apr 2021 14:03

Tgt Ion: 164 Resp: 2020
Ion Ratio Lower Upper
164 100
129 86.8 66.6 123.8
131 89.8 65.9 122.3
166 122.9 93.7 173.9

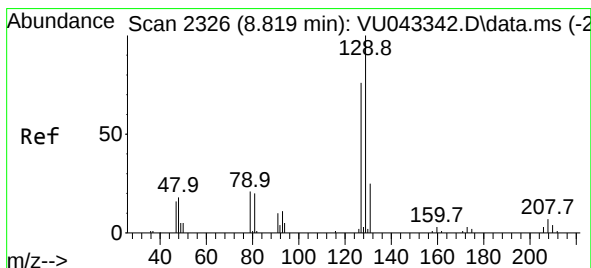
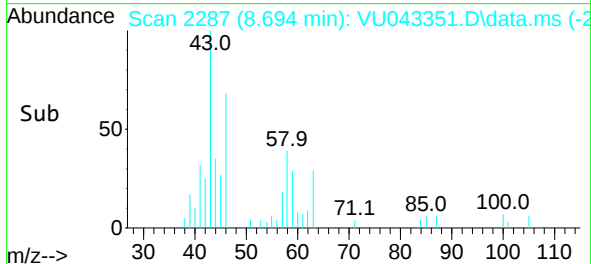
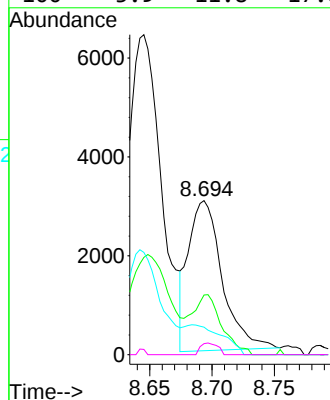
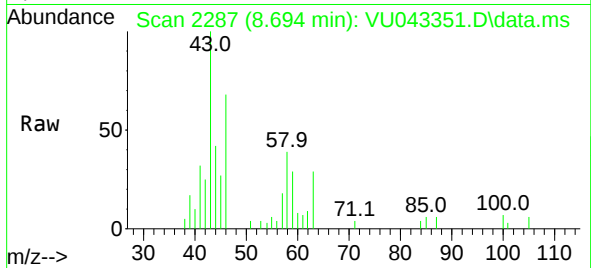




#48
2-Hexanone
Concen: 1.08 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043351.D
Acq: 27 Apr 2021 14:03

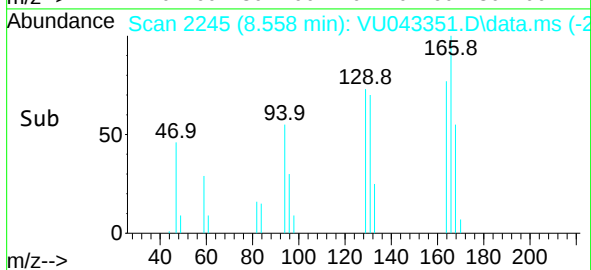
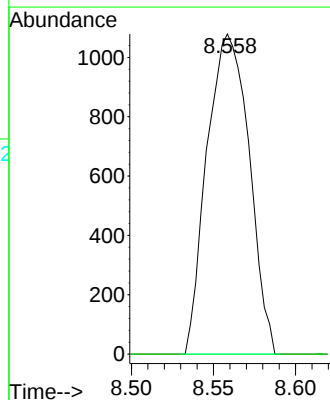
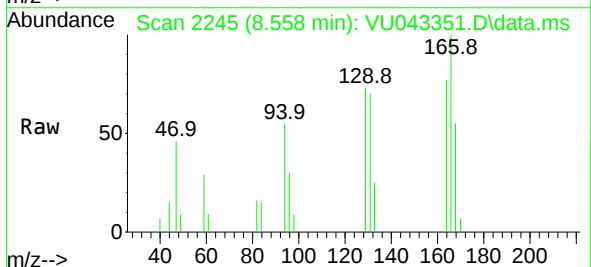
Instrument :
MSVOA_U
ClientSampled :

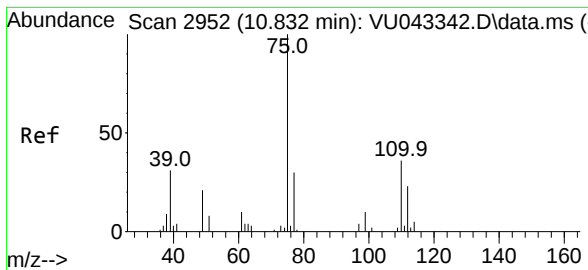
Tgt Ion:	43	Resp:	5734
Ion	Ratio	Lower	Upper
43	100		
58	35.0	50.0	75.0#
57	0.0	17.4	26.0#
100	3.9	11.8	17.8#



#49
Dibromochloromethane
Concen: 0.25 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043351.D
Acq: 27 Apr 2021 14:03

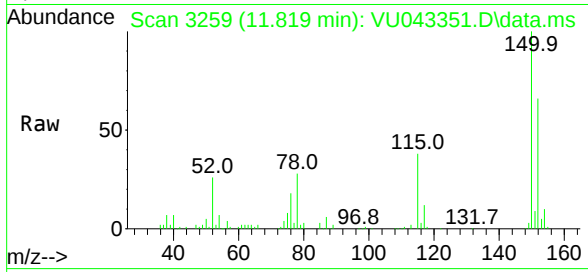
Tgt Ion:	129	Resp:	1931
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.16 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043351.D
 Acq: 27 Apr 2021 14:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	5877
Ion	Ratio	Lower	Upper
75	100		
110	3.0	31.5	47.3#
77	40.8	26.3	39.5#

