

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043309.D
 Acq On : 23 Apr 2021 22:45
 Operator : SY/MD
 Sample : M2124-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4457

Quant Time: Apr 24 07:56:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 07:55:52 2021
 Response via : Initial Calibration

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

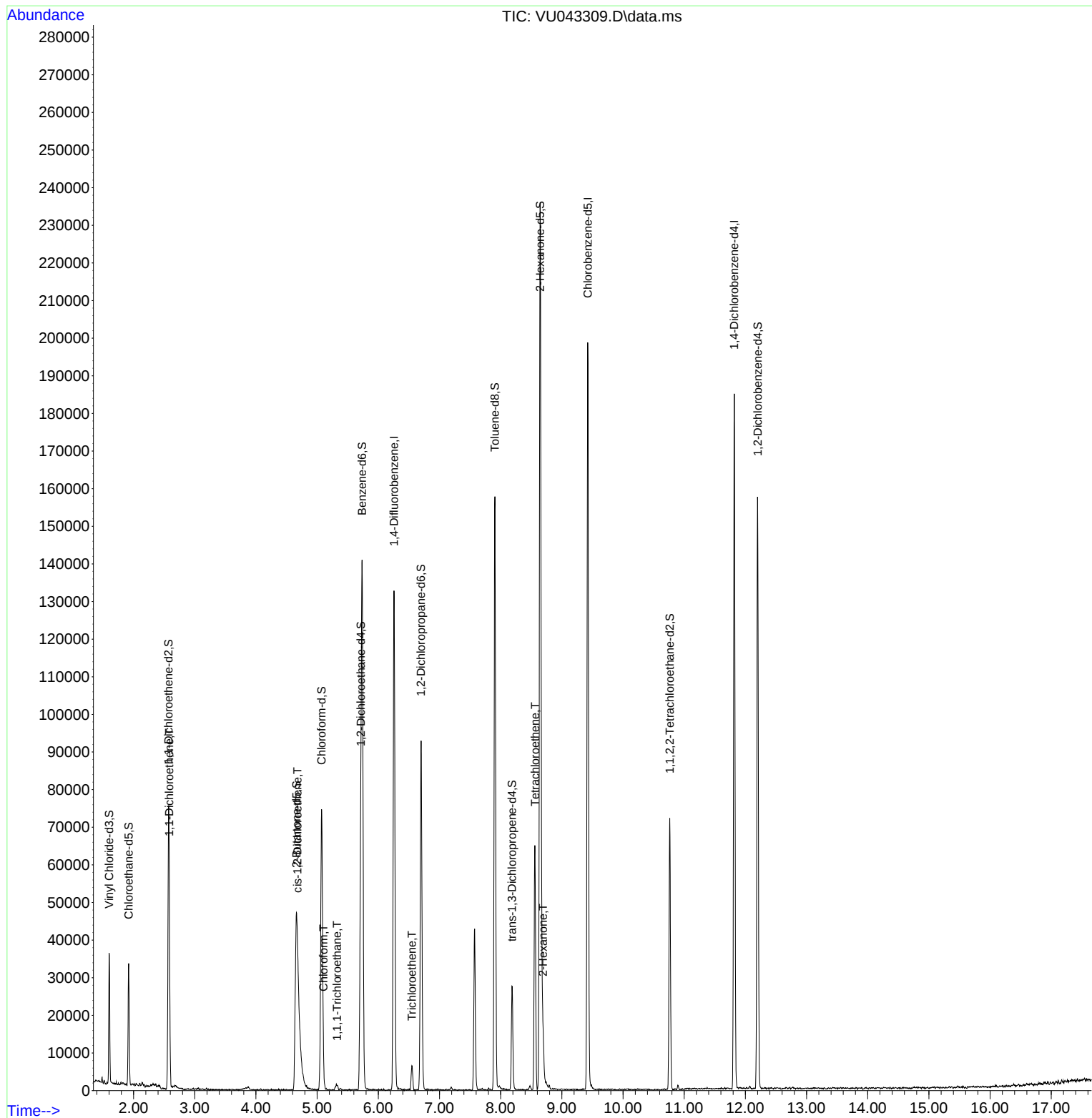
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	99179	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	100496	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45415	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23301	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.919	69	21277	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.572	65	13636	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.662	46	125658	56.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.62%
24) Chloroform-d	5.073	84	63965	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.713	65	41740	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.735	84	114988	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	39178	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.906	98	96284	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloroprop...	8.186	79	14214	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.645	63	75082	43.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32522	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	38240	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	3360	0.61	ug/L	# 1
22) cis-1,2-Dichloroethene	4.678	96	1228	0.18	ug/L	# 80
25) Chloroform	5.102	83	2113	0.15	ug/L	93
29) 1,1,1-Trichloroethane	5.327	97	1108	0.09	ug/L	# 83
34) Trichloroethene	6.549	95	2100	0.28	ug/L	95
47) Tetrachloroethene	8.562	164	14149	2.41	ug/L	90
48) 2-Hexanone	8.690	43	5819	1.17	ug/L	# 80

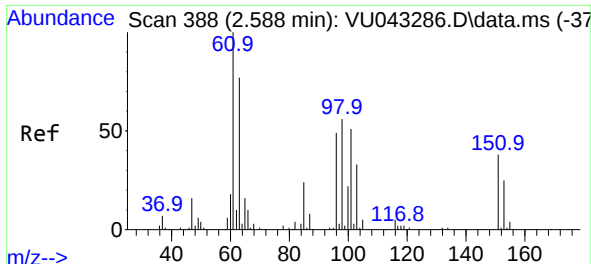
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.61 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043309.D

Acq: 23 Apr 2021 22:45

Tgt Ion: 96 Resp: 3360

Ion Ratio Lower Upper

96 100

61 292.7 115.1 213.7#

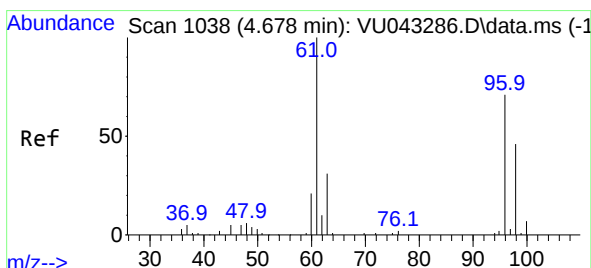
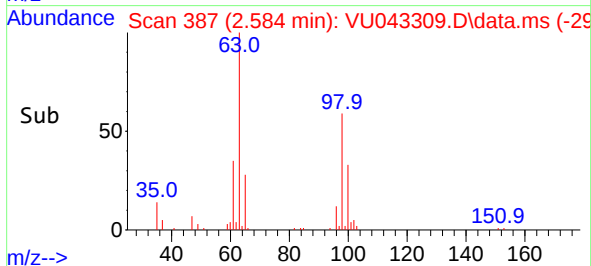
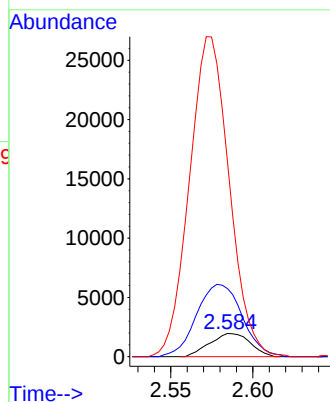
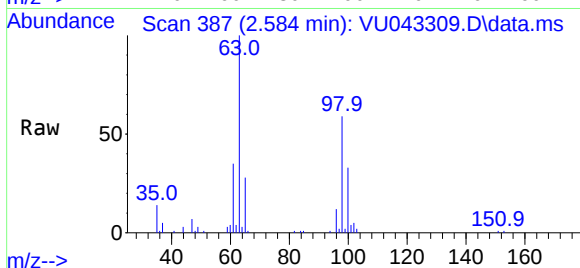
63 841.6 84.1 156.1#

Instrument :

MSVOA_U

ClientSampled :

H4457



#22

cis-1,2-Dichloroethene

Concen: 0.18 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VU043309.D

Acq: 23 Apr 2021 22:45

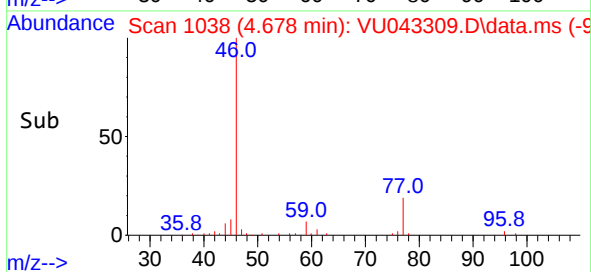
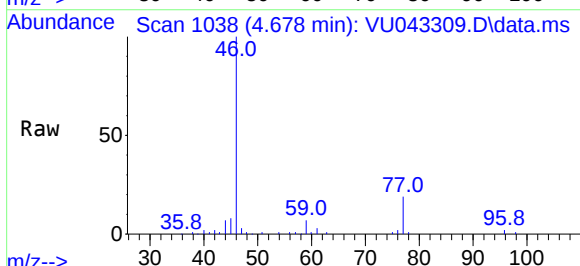
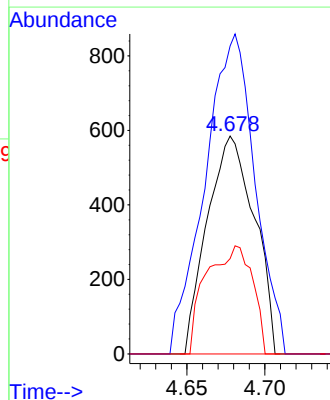
Tgt Ion: 96 Resp: 1228

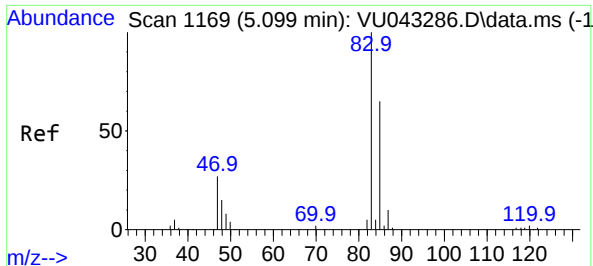
Ion Ratio Lower Upper

96 100

61 141.4 87.4 162.4

98 43.8 47.7 88.5#



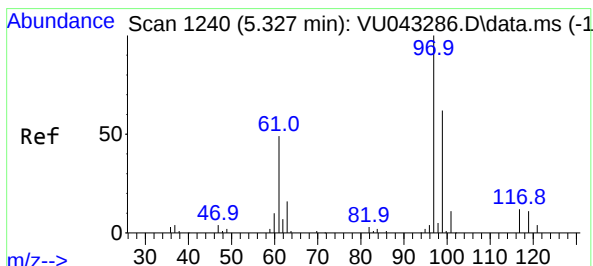
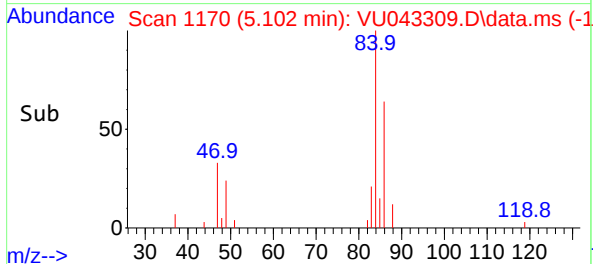
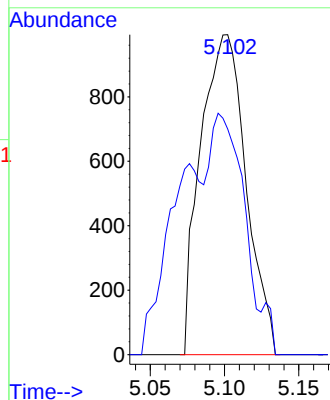
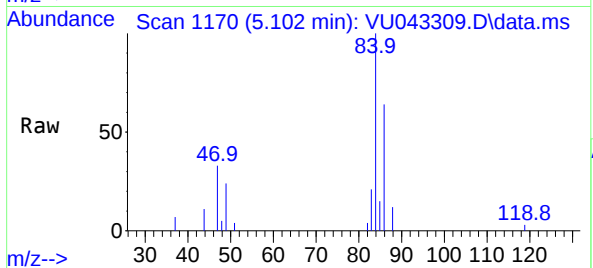


#25

Chloroform
Concen: 0.15 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043309.D
Acq: 23 Apr 2021 22:45

Instrument :
MSVOA_U
ClientSampled :
H4457

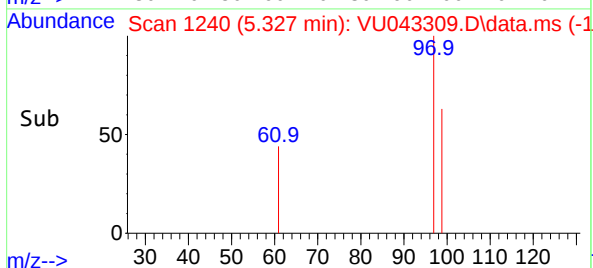
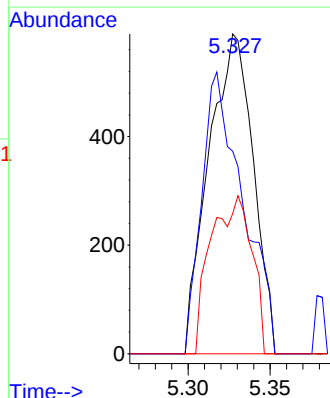
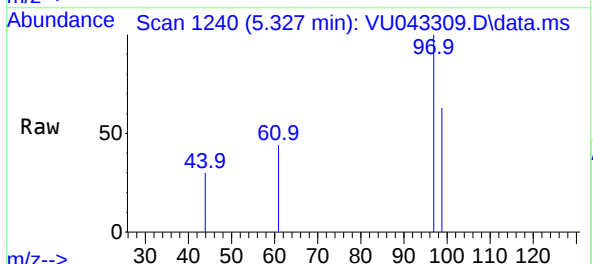
Tgt Ion: 83 Resp: 2113
Ion Ratio Lower Upper
83 100
85 70.5 45.6 84.8

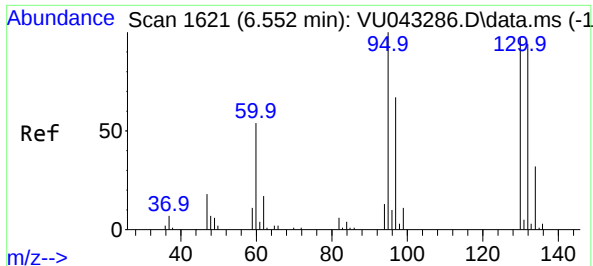


#29

1,1,1-Trichloroethane
Concen: 0.09 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043309.D
Acq: 23 Apr 2021 22:45

Tgt Ion: 97 Resp: 1108
Ion Ratio Lower Upper
97 100
99 81.4 50.3 75.5#
61 45.6 32.7 49.1



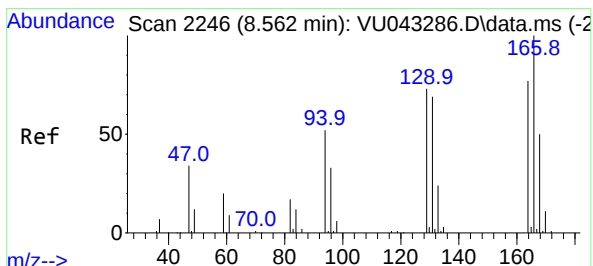
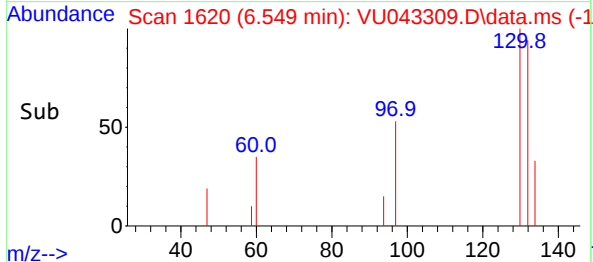
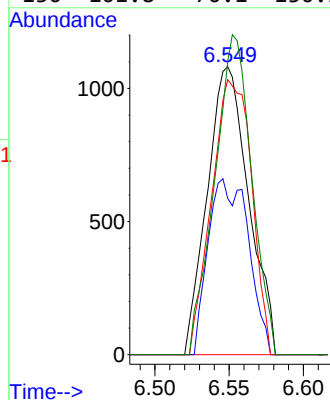
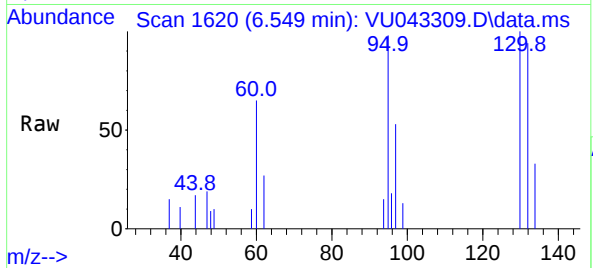


#34
Trichloroethene
Concen: 0.28 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043309.D
Acq: 23 Apr 2021 22:45

Instrument :
MSVOA_U
ClientSampled :
H4457

Tgt Ion: 95 Resp: 2100

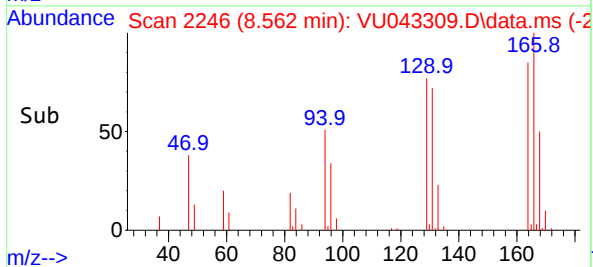
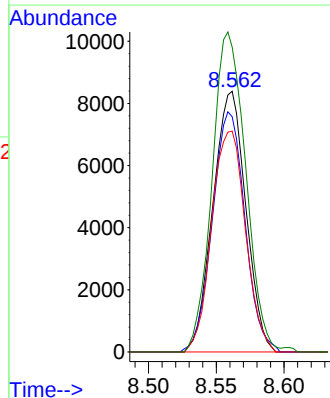
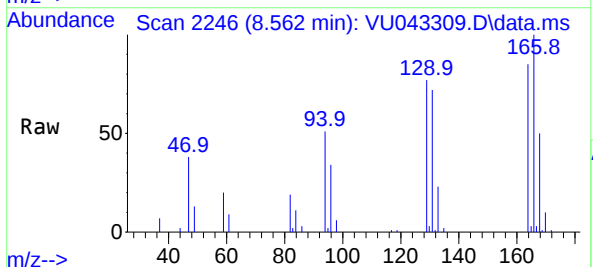
Ion	Ratio	Lower	Upper
95	100		
97	54.3	45.8	85.2
132	95.5	68.7	127.7
130	101.8	70.1	130.3

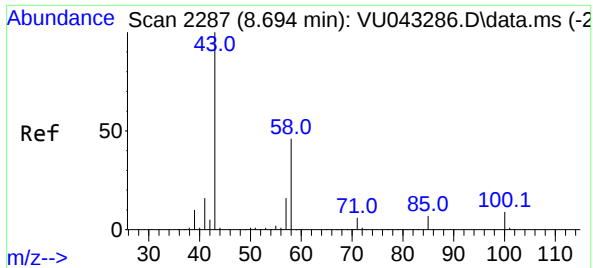


#47
Tetrachloroethene
Concen: 2.41 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043309.D
Acq: 23 Apr 2021 22:45

Tgt Ion: 164 Resp: 14149

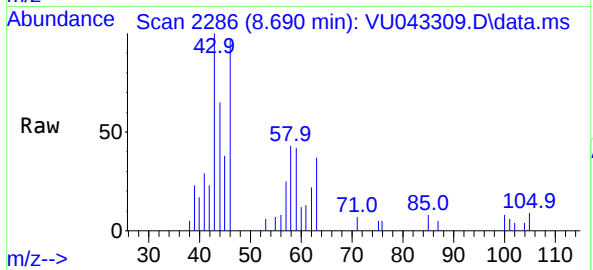
Ion	Ratio	Lower	Upper
164	100		
129	90.3	66.6	123.8
131	84.8	65.9	122.3
166	117.0	93.7	173.9





#48
2-Hexanone
Concen: 1.17 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043309.D
Acq: 23 Apr 2021 22:45

Instrument :
MSVOA_U
ClientSampleId :
H4457



Tgt Ion: 43 Resp: 5819

Ion	Ratio	Lower	Upper
43	100		
58	42.2	50.0	75.0#
57	23.4	17.4	26.0
100	7.2	11.8	17.8#

