

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043452.D
 Acq On : 30 Apr 2021 02:30
 Operator : SY/MD
 Sample : M2194-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARG9

Quant Time: Apr 30 08:36:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

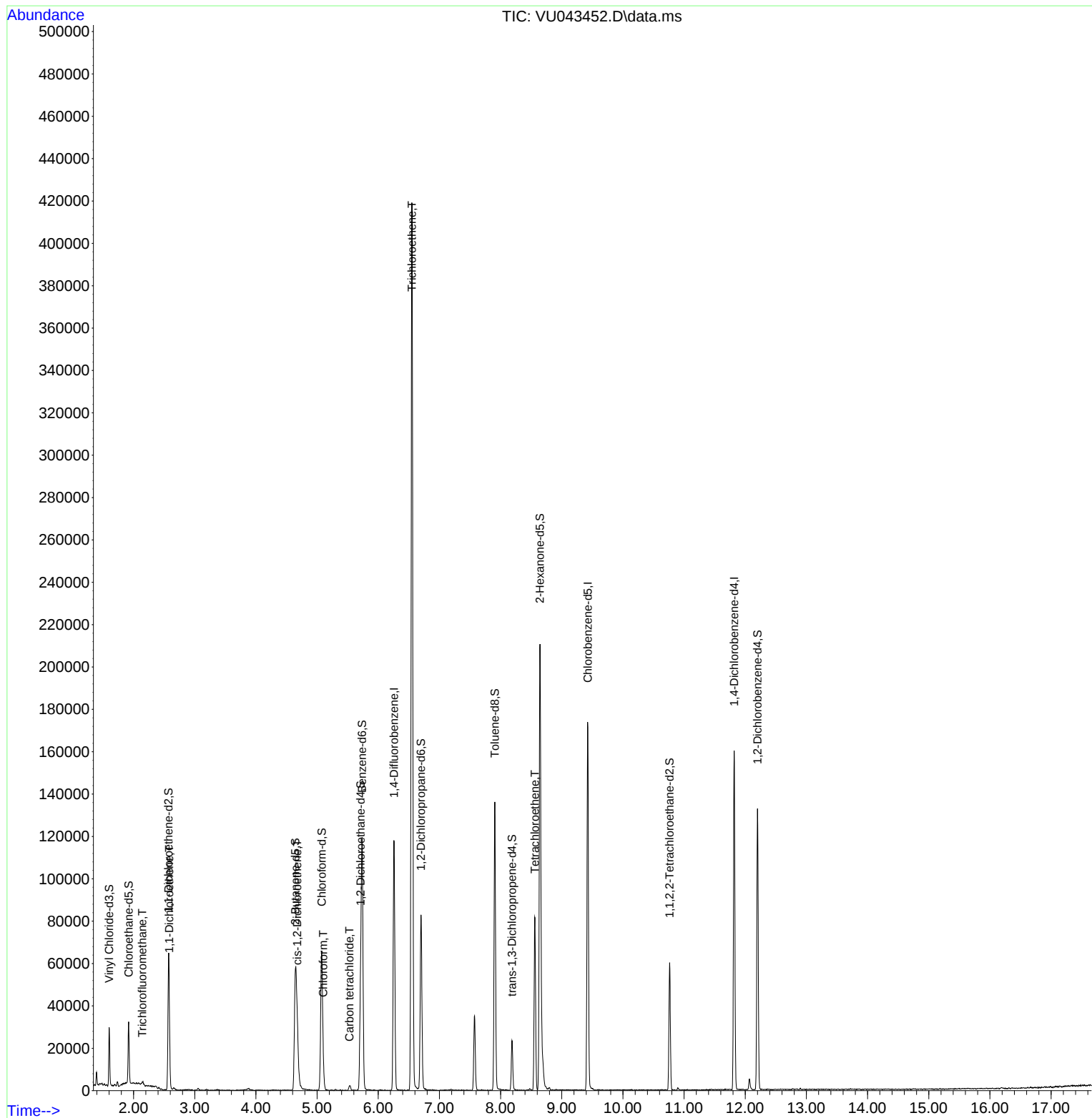
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	85414	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	86317	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39199	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	18733	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.919	69	18824	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.571	65	11999	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.645	46	107260	56.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	5.076	84	56536	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.713	65	35134	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.735	84	97997	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	35743	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.906	98	82713	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloroprop...	8.185	79	11884	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.642	63	64791	44.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28909	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	31123	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%
Target Compounds						
9) Trichlorofluoromethane	2.144	101	939	0.09	ug/L	Qvalue 92
12) 1,1-Dichloroethene	2.584	96	2752	0.58	ug/L	# 1
22) cis-1,2-Dichloroethene	4.674	96	6465	1.08	ug/L	83
25) Chloroform	5.099	83	7448	0.63	ug/L	99
31) Carbon tetrachloride	5.529	117	1495	0.17	ug/L	# 56
34) Trichloroethene	6.549	95	138736	21.82	ug/L	94
47) Tetrachloroethene	8.562	164	16391	3.25	ug/L	97

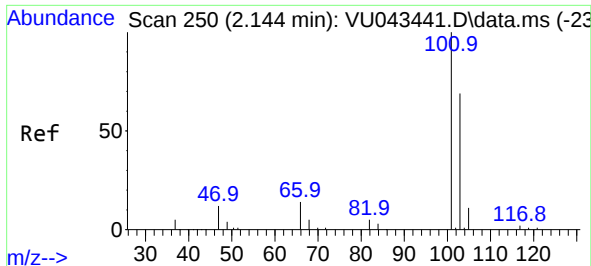
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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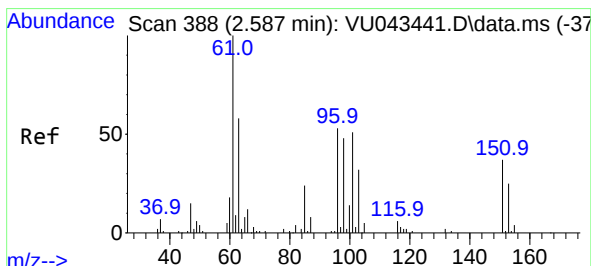
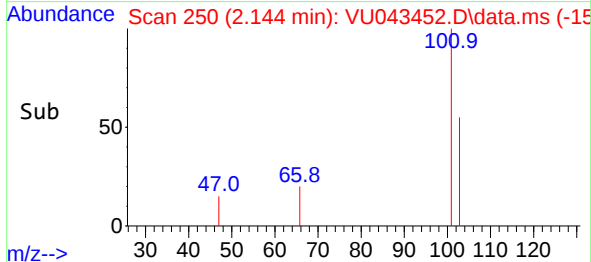
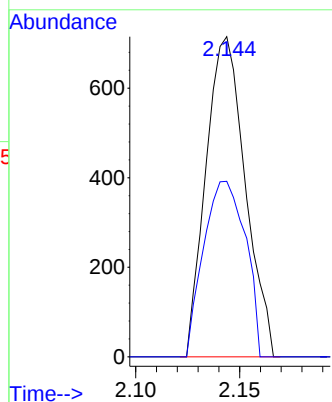
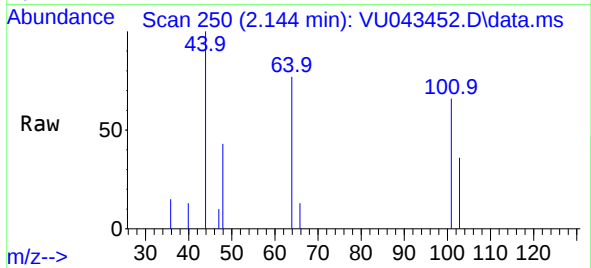




#9
 Trichlorofluoromethane
 Concen: 0.09 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.000 min
 Lab File: VU043452.D
 Acq: 30 Apr 2021 02:30

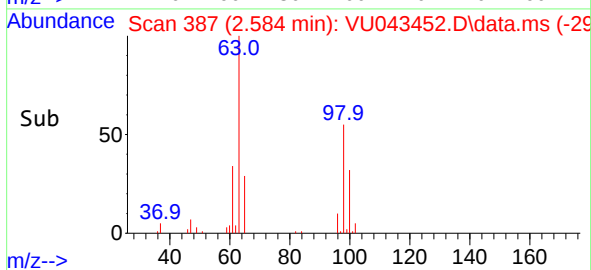
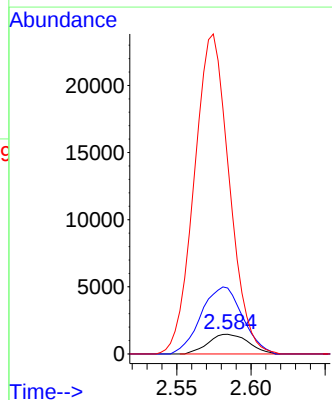
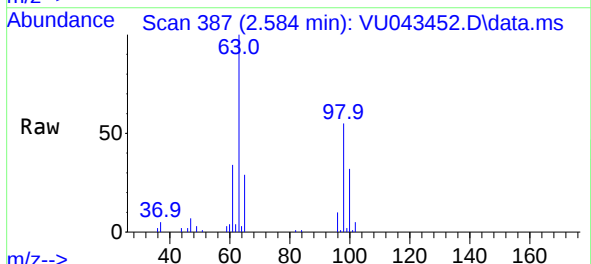
Instrument :
 MSVOA_U
 ClientSampleId :
 YARG9

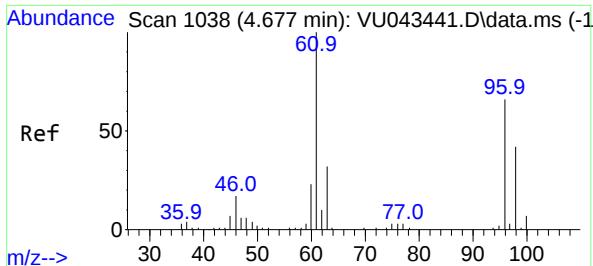
Tgt Ion:101 Resp: 939
 Ion Ratio Lower Upper
 101 100
 103 58.3 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 0.58 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043452.D
 Acq: 30 Apr 2021 02:30

Tgt Ion: 96 Resp: 2752
 Ion Ratio Lower Upper
 96 100
 61 333.8 115.1 213.7#
 63 972.4 84.1 156.1#



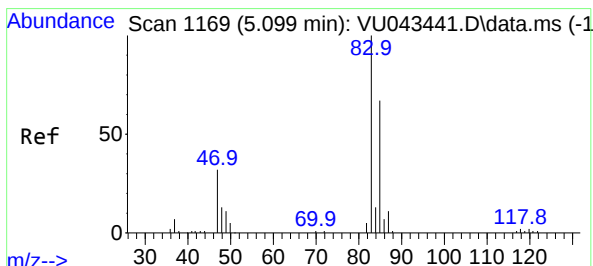
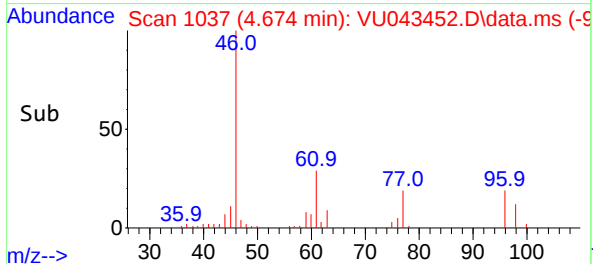
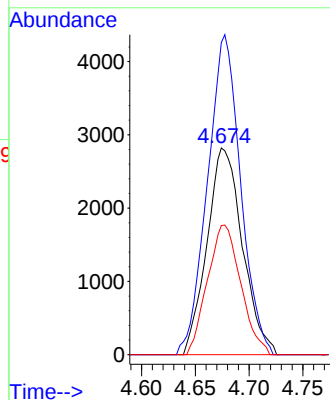
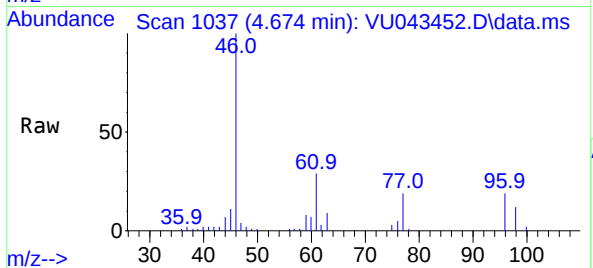


#22

cis-1,2-Dichloroethene
Concen: 1.08 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043452.D
Acq: 30 Apr 2021 02:30

Instrument :
MSVOA_U
ClientSampleId :
YARG9

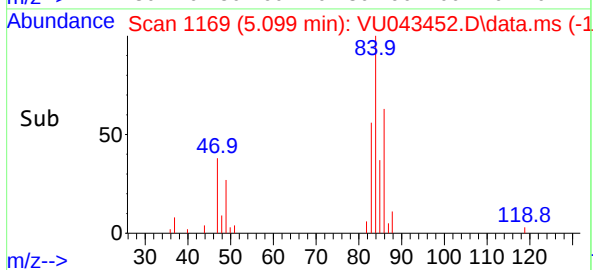
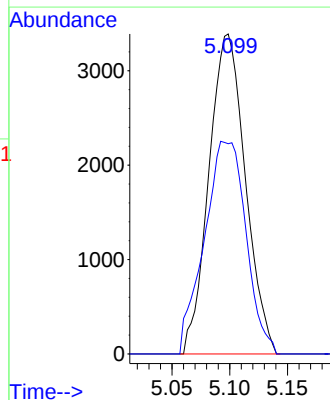
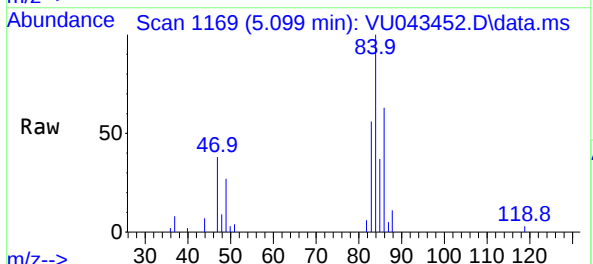
Tgt Ion: 96 Resp: 6465
Ion Ratio Lower Upper
96 100
61 150.9 87.4 162.4
98 62.4 47.7 88.5

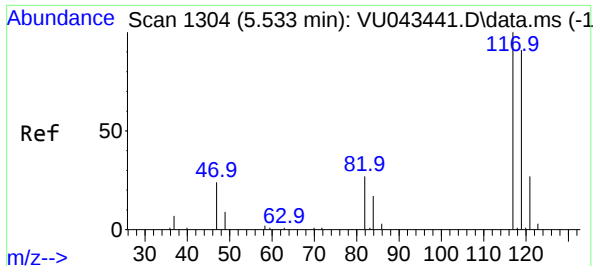


#25

Chloroform
Concen: 0.63 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043452.D
Acq: 30 Apr 2021 02:30

Tgt Ion: 83 Resp: 7448
Ion Ratio Lower Upper
83 100
85 65.7 45.6 84.8

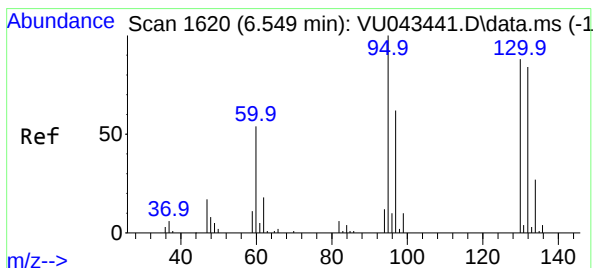
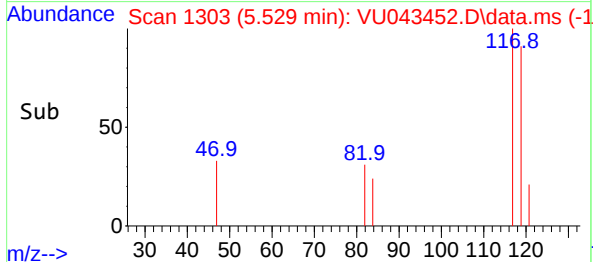
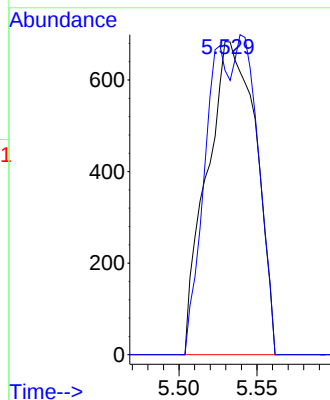
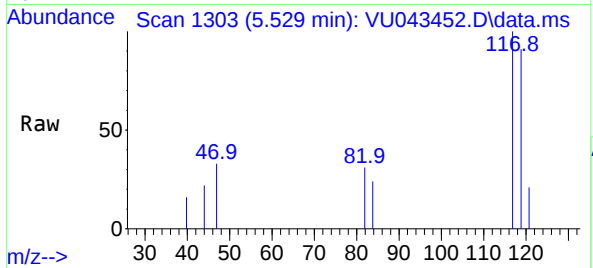




#31
Carbon tetrachloride
Concen: 0.17 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043452.D
Acq: 30 Apr 2021 02:30

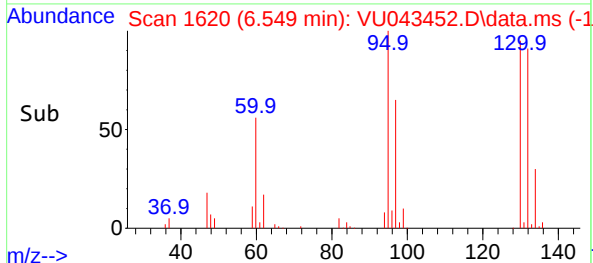
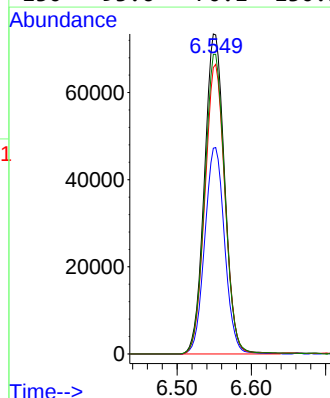
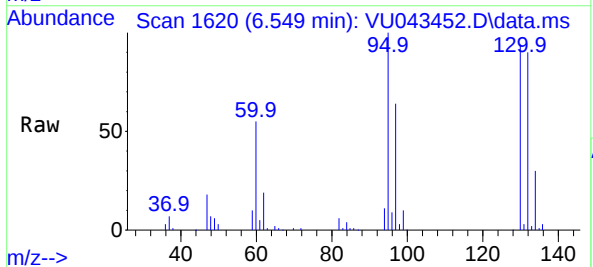
Instrument :
MSVOA_U
ClientSampleId :
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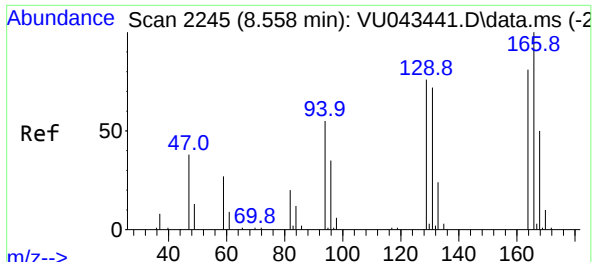
Tgt Ion:117 Resp: 1495
Ion Ratio Lower Upper
117 100
119 52.8 76.2 114.4#



#34
Trichloroethene
Concen: 21.82 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043452.D
Acq: 30 Apr 2021 02:30

Tgt Ion: 95 Resp: 138736
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.2
132 89.5 68.7 127.7
130 93.6 70.1 130.3





#47
Tetrachloroethene
Concen: 3.25 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043452.D
Acq: 30 Apr 2021 02:30

Instrument :
MSVOA_U
ClientSampleId :
YARG9

Tgt Ion:164 Resp: 16391

Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.6	123.8
131	90.8	65.9	122.3
166	129.5	93.7	173.9

