

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042509.D
 Acq On : 05 Mar 2021 17:52
 Operator : SY/MD
 Sample : M1588-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C03T4

Quant Time: Mar 06 00:50:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

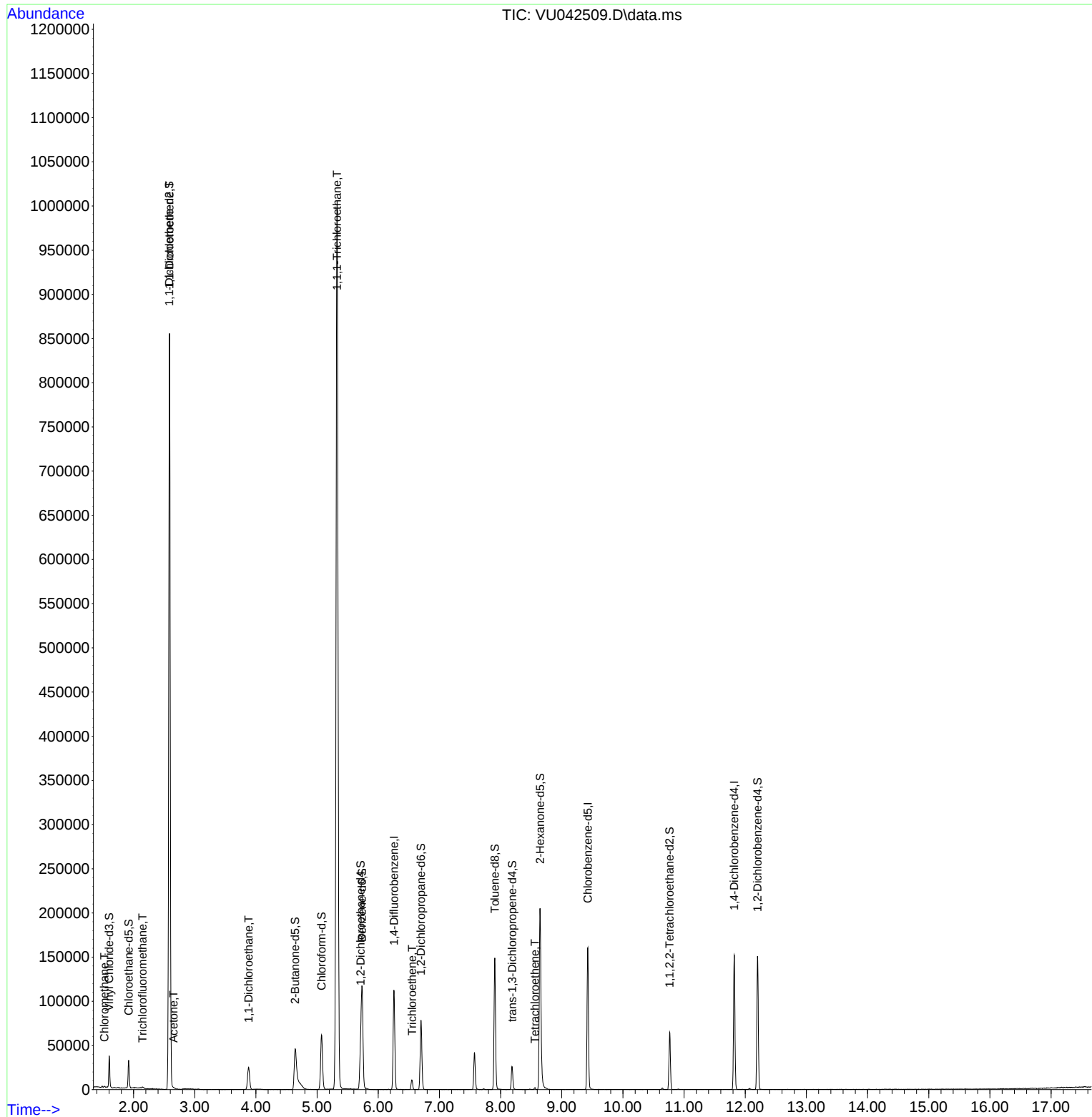
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	86099	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	82581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	38348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24244	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	21021	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.584	63	192325	14.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	296.80%#
20) 2-Butanone-d5	4.642	46	105141	55.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.58%
24) Chloroform-d	5.073	84	54944	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.713	65	36238	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.735	84	98589	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	33635	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.906	98	93285	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloroprop...	8.189	79	14189	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.645	63	73282	50.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29703	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	38123	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	843	0.11	ug/L	97
9) Trichlorofluoromethane	2.147	101	504	0.04	ug/L	100
12) 1,1-Dichloroethene	2.588	96	255380	42.09	ug/L #	82
13) Acetone	2.652	43	2063	1.42	ug/L	81
19) 1,1-Dichloroethane	3.880	63	29037	2.36	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	714206	62.20	ug/L	98
34) Trichloroethene	6.552	95	3608	0.50	ug/L	95
47) Tetrachloroethene	8.562	164	472	0.08	ug/L	89

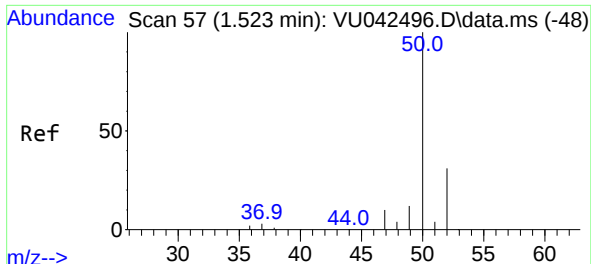
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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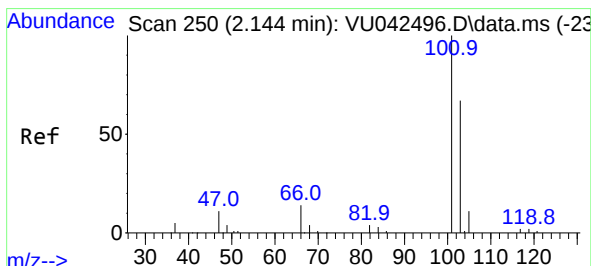
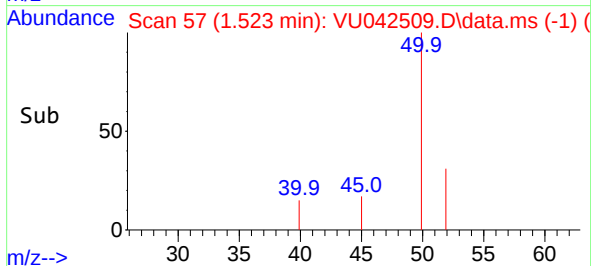
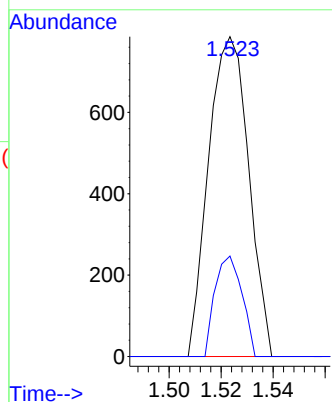
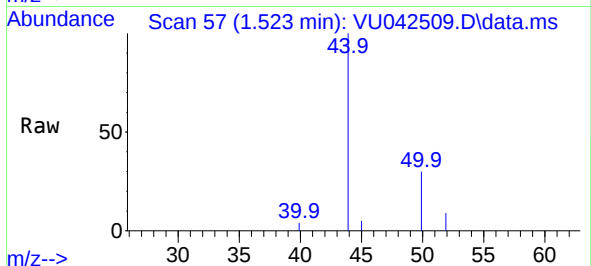




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042509.D
Acq: 05 Mar 2021 17:52

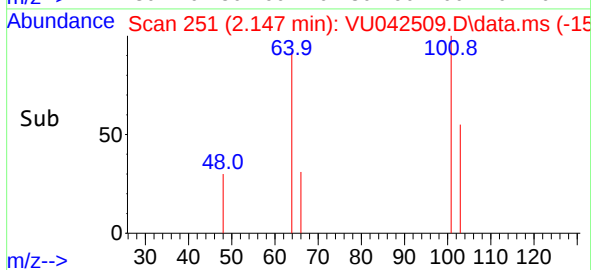
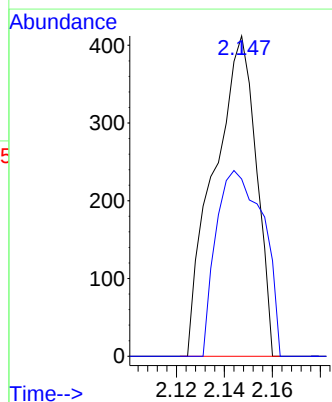
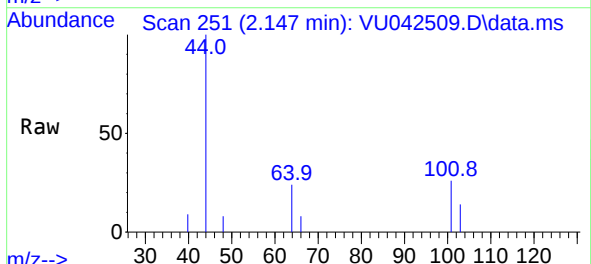
Instrument :
MSVOA_U
ClientSampled :
C03T4

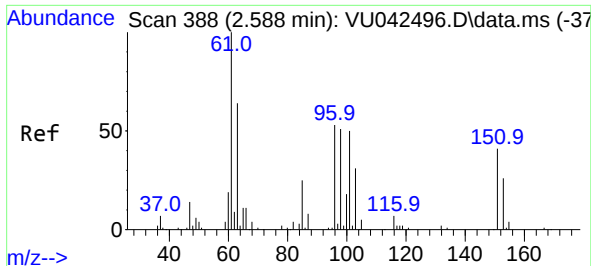
Tgt Ion: 50 Resp: 843
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.04 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042509.D
Acq: 05 Mar 2021 17:52

Tgt Ion: 101 Resp: 504
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

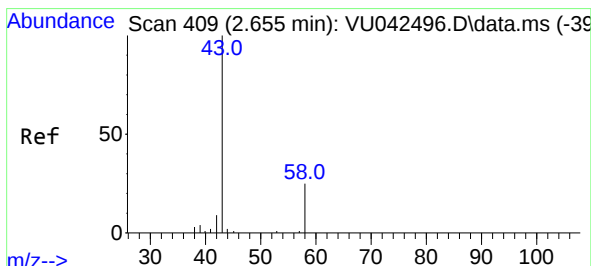
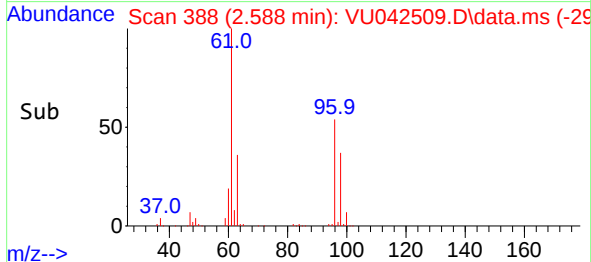
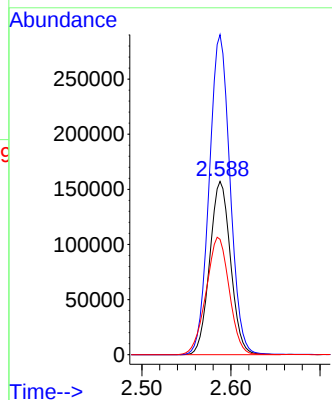
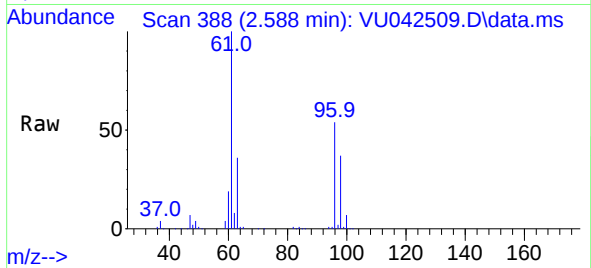




#12
1,1-Dichloroethene
Concen: 42.09 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042509.D
Acq: 05 Mar 2021 17:52

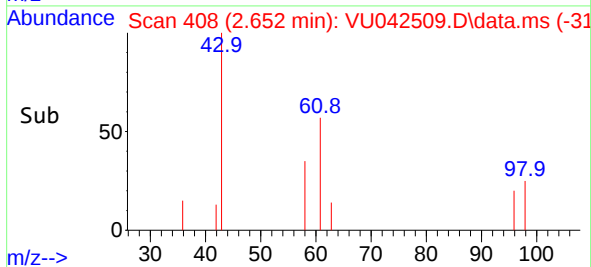
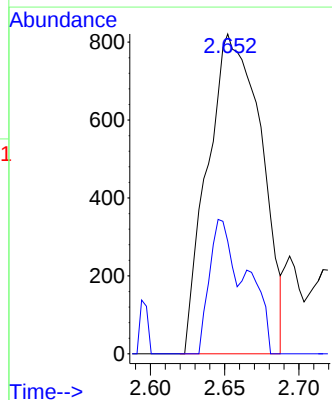
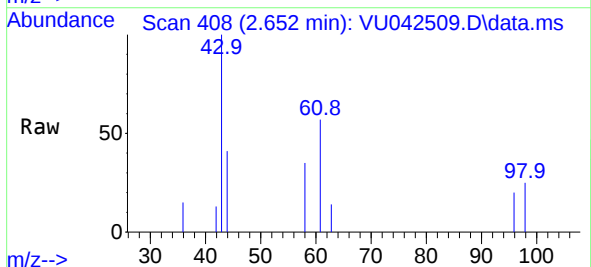
Instrument :
MSVOA_U
ClientSampleId :
C03T4

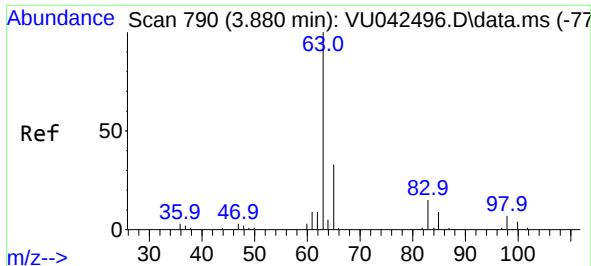
Tgt Ion: 96 Resp: 255380
Ion Ratio Lower Upper
96 100
61 184.6 126.2 234.4
63 66.5 77.8 144.4#



#13
Acetone
Concen: 1.42 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.006 min
Lab File: VU042509.D
Acq: 05 Mar 2021 17:52

Tgt Ion: 43 Resp: 2063
Ion Ratio Lower Upper
43 100
58 18.1 0.0 55.8

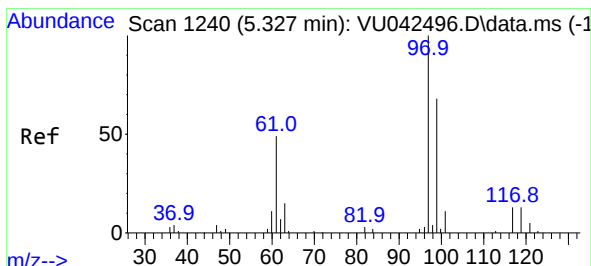
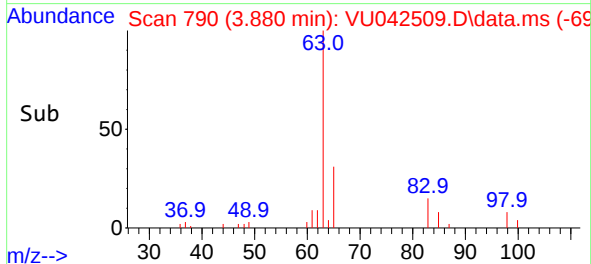
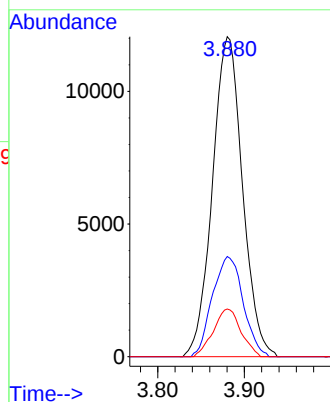
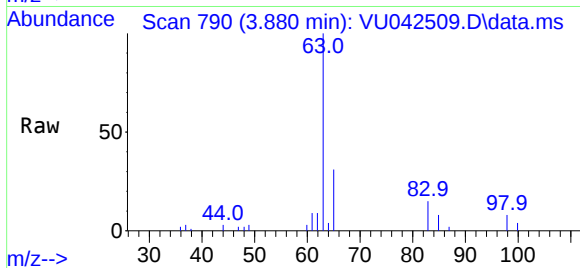




#19
1,1-Dichloroethane
Concen: 2.36 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042509.D
Acq: 05 Mar 2021 17:52

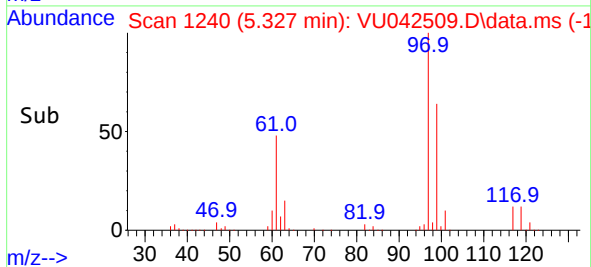
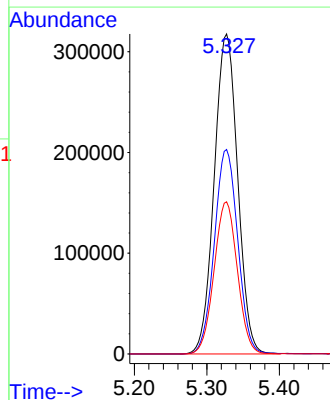
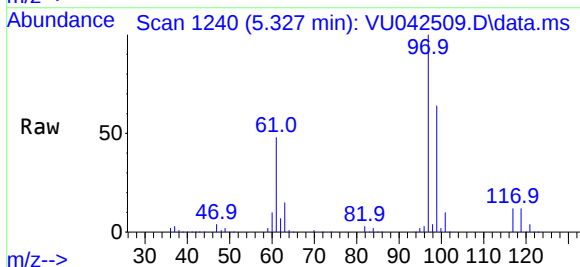
Instrument :
MSVOA_U
ClientSampleId :
C03T4

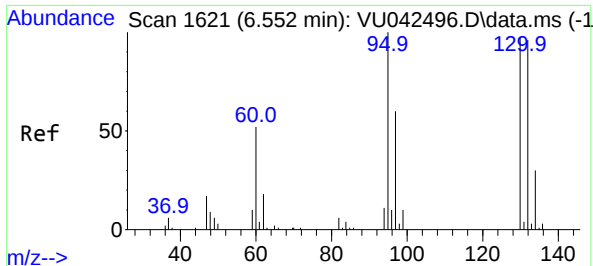
Tgt Ion:	63	Resp:	29037
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.5	41.9
83	14.9	10.1	18.7



#29
1,1,1-Trichloroethane
Concen: 62.20 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042509.D
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Tgt Ion:	97	Resp:	714206
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	47.2	35.8	53.6



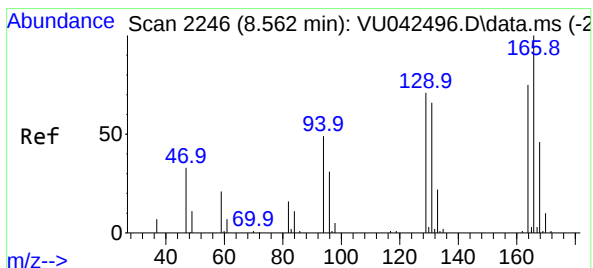
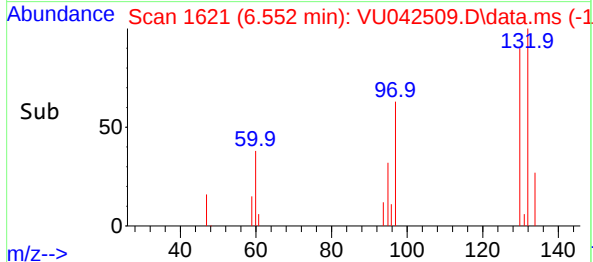
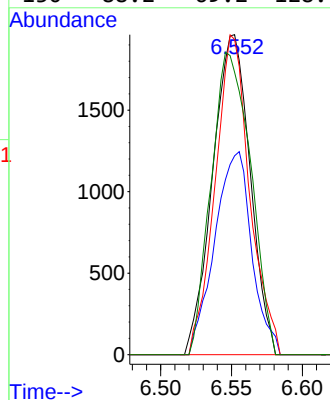
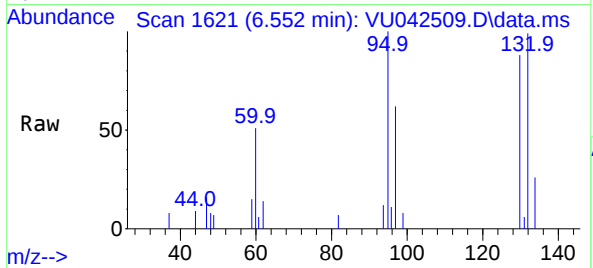


#34
Trichloroethene
Concen: 0.50 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042509.D
Acq: 05 Mar 2021 17:52

Instrument :
MSVOA_U
ClientSampleId :
C03T4

Tgt Ion: 95 Resp: 3608

Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.4	82.4
132	98.5	68.0	126.4
130	88.2	69.2	128.4



#47
Tetrachloroethene
Concen: 0.08 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042509.D
Acq: 05 Mar 2021 17:52

Tgt Ion: 164 Resp: 472

Ion	Ratio	Lower	Upper
164	100		
129	100.6	64.3	119.5
131	63.5	62.2	115.6
166	128.1	88.6	164.6

