

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043125.D
 Acq On : 15 Apr 2021 16:55
 Operator : SY/MD
 Sample : M1986-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT2DL

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:19:49 AM

Quant Time: Apr 16 05:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	87213	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	86443	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	42828	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22398	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	101.00%		
7) Chloroethane-d5	1.919	69	21193	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	101.40%		
11) 1,1-Dichloroethene-d2	2.571	65	13746	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	107.20%		
20) 2-Butanone-d5	4.642	46	105191m	54.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	108.16%		
24) Chloroform-d	5.073	84	56905	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.00%		
26) 1,2-Dichloroethane-d4	5.713	65	37302	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.80%		
32) Benzene-d6	5.735	84	104344	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	103.60%		
36) 1,2-Dichloropropane-d6	6.700	67	34445	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	103.20%		
41) Toluene-d8	7.906	98	98219	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.80%		
43) trans-1,3-Dichloroprop...	8.189	79	14075	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	95.60%		
46) 2-Hexanone-d5	8.645	63	74874	50.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.86%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28665	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.60%		
66) 1,2-Dichlorobenzene-d4	12.201	152	38891	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	106.00%		
Target Compounds						
9) Trichlorofluoromethane	2.144	101	26212	2.45	ug/L	100
31) Carbon tetrachloride	5.533	117	668	0.08	ug/L	97
34) Trichloroethene	6.552	95	1456	0.23	ug/L	83
47) Tetrachloroethene	8.562	164	53334	10.57	ug/L	96

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

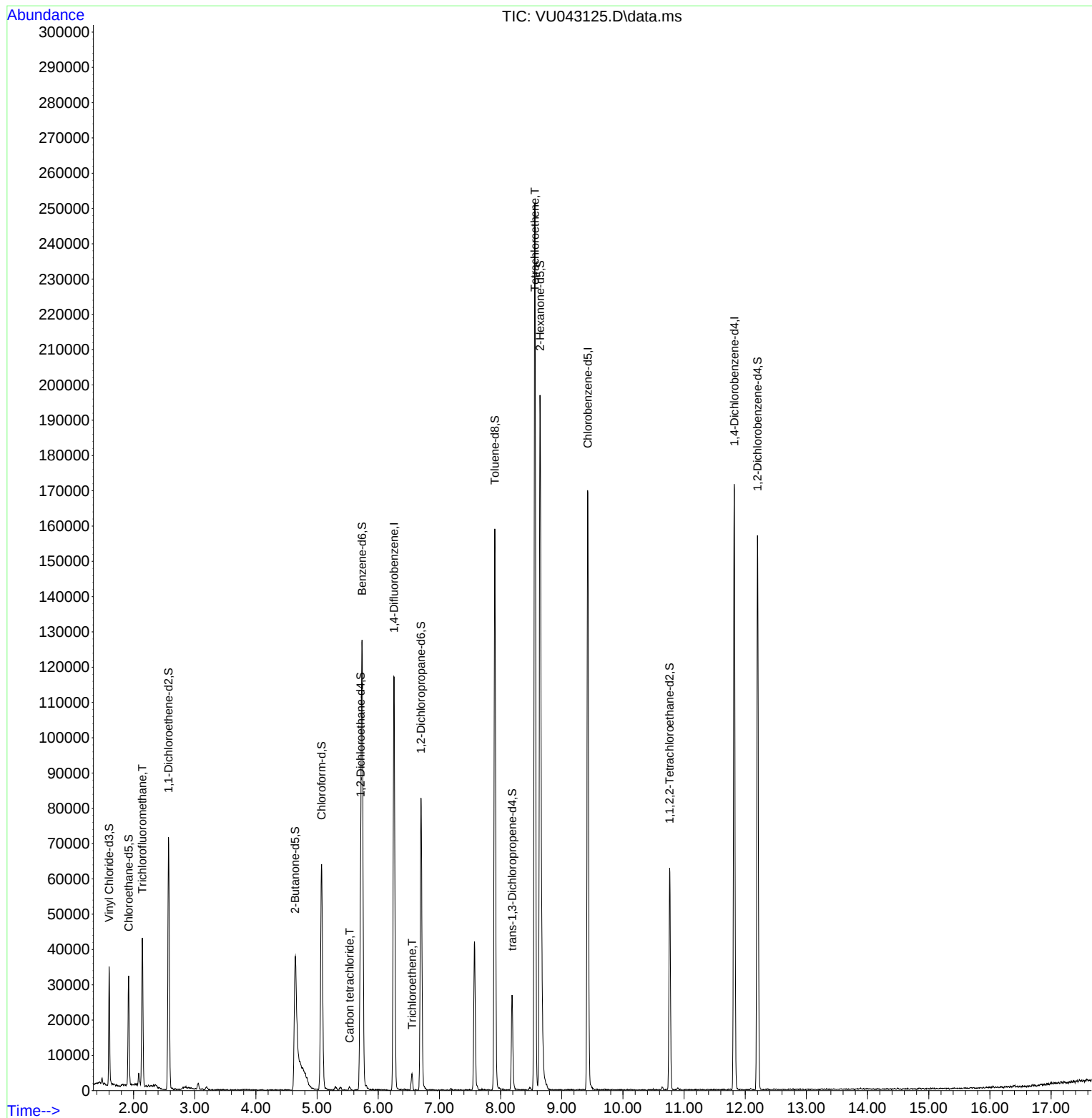
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043125.D
Acq On : 15 Apr 2021 16:55
Operator : SY/MD
Sample : M1986-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

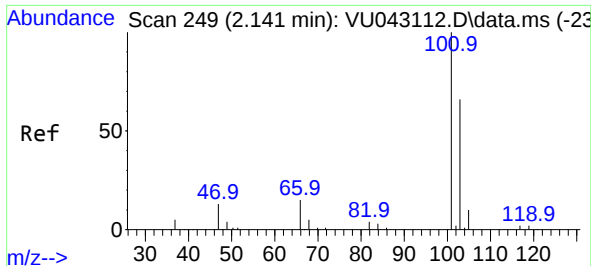
Instrument :
MSVOA_U
ClientSampleId :
C0AT2DL

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:19:49 AM

Quant Time: Apr 16 05:37:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 05:01:39 2021
Response via : Initial Calibration





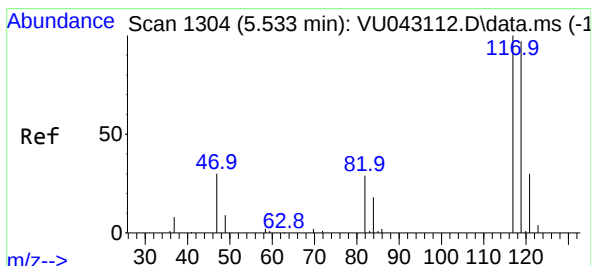
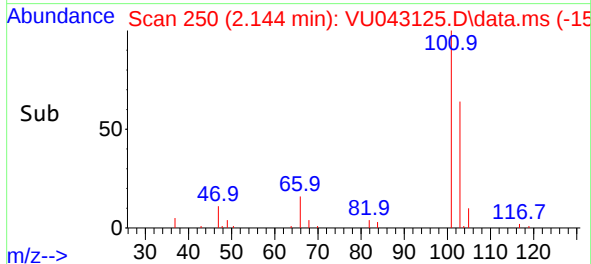
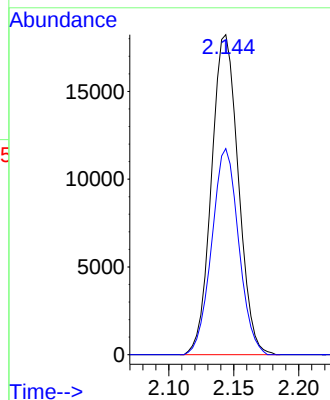
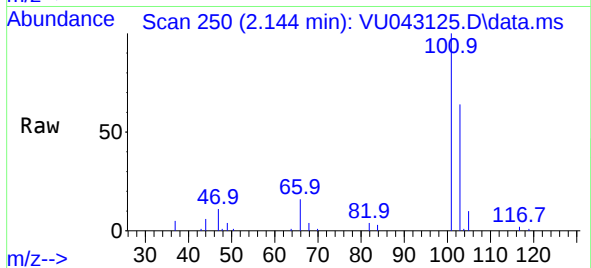
#9
Trichlorofluoromethane
Concen: 2.45 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

Tgt Ion:101 Resp: 26212
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

Instrument :
MSVOA_U
ClientSampleId :
C0AT2DL

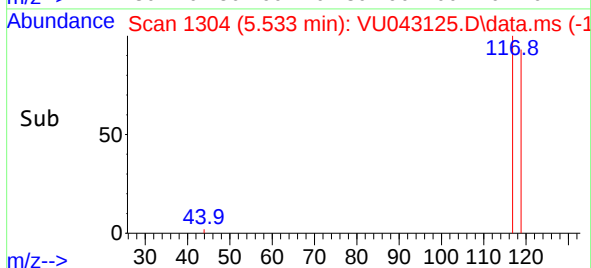
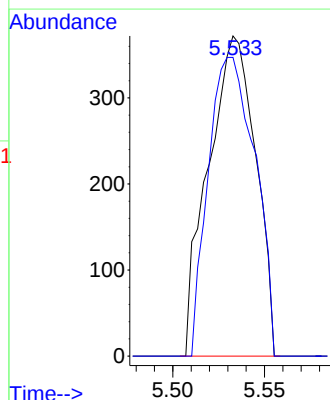
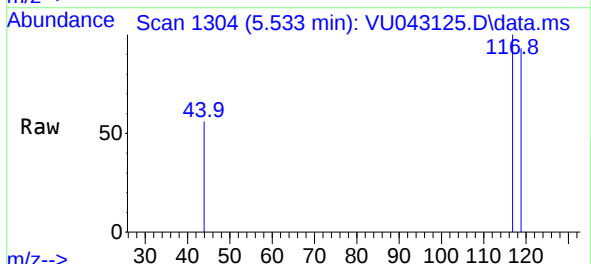
Manual Integrations
APPROVED

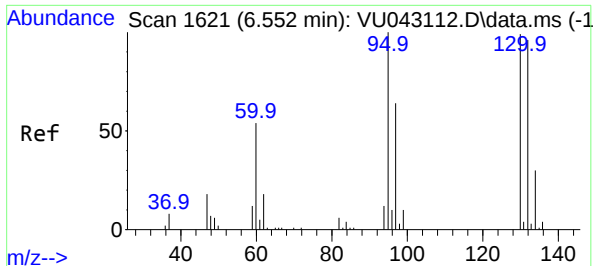
MMDadoda
4/19/2021 10:19:49 AM



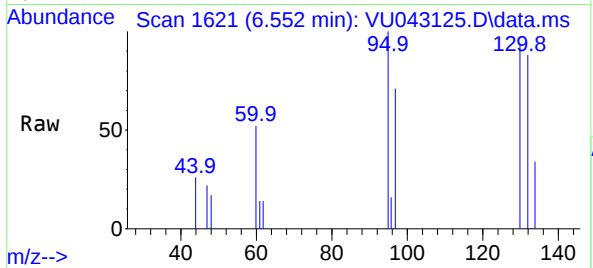
#31
Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55

Tgt Ion:117 Resp: 668
Ion Ratio Lower Upper
117 100
119 92.1 76.2 114.4

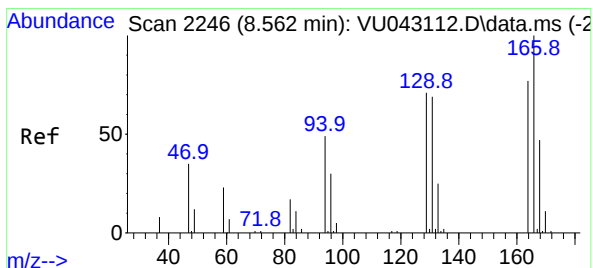
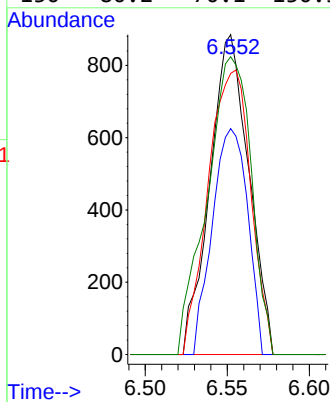
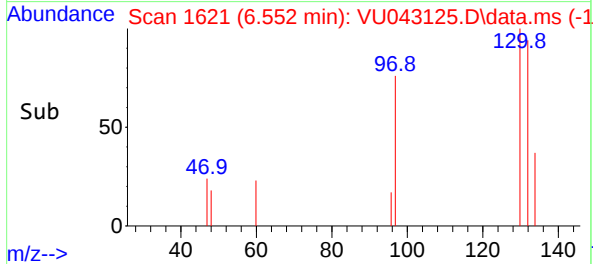




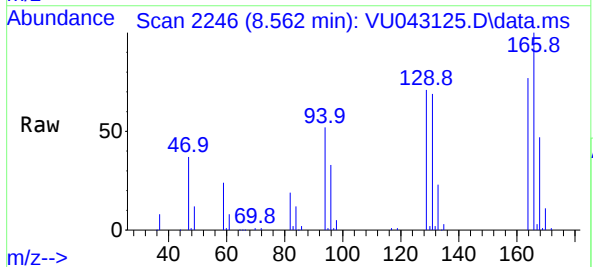
#34
Trichloroethene
Concen: 0.23 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55



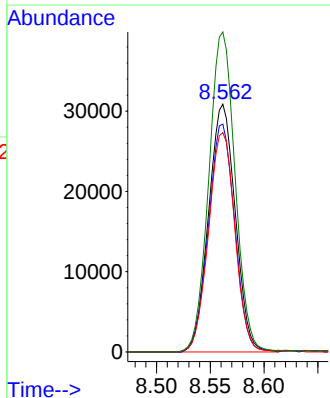
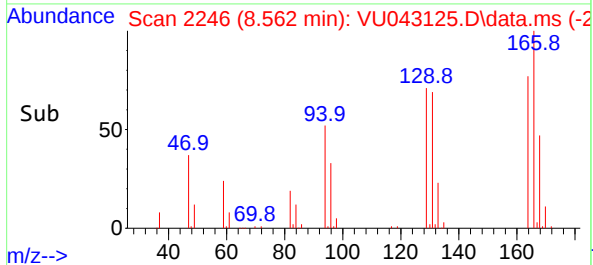
Tgt Ion: 95 Resp: 1456
Ion Ratio Lower Upper
95 100
97 60.9 45.8 85.2
132 75.8 68.7 127.7
130 80.2 70.1 130.3



#47
Tetrachloroethene
Concen: 10.57 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043125.D
Acq: 15 Apr 2021 16:55



Tgt Ion: 164 Resp: 53334
Ion Ratio Lower Upper
164 100
129 91.9 66.6 123.8
131 88.5 65.9 122.3
166 129.1 93.7 173.9



Instrument :
MSVOA_U
ClientSampled :
C0AT2DL

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:19:49 AM