

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043127.D
 Acq On : 15 Apr 2021 17:44
 Operator : SY/MD
 Sample : M1986-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT4DL

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:20:01 AM

Quant Time: Apr 16 05:37:57 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	6.256	114	85615	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	83441	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41470	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21926	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.919	69	20921	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.572	65	13635	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.20%
20) 2-Butanone-d5	4.646	46	102811m	53.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.68%
24) Chloroform-d	5.073	84	55096	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.713	65	36544	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.736	84	101964	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.700	67	34053	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.906	98	97376	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.186	79	14494	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.645	63	78176	55.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.18%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29466	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	37876	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%
Target Compounds						
9) Trichlorofluoromethane	2.144	101	34026	3.25	ug/L	96
31) Carbon tetrachloride	5.530	117	814	0.09	ug/L	94
34) Trichloroethene	6.552	95	3046	0.50	ug/L	89
47) Tetrachloroethene	8.562	164	58569	12.02	ug/L	94

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

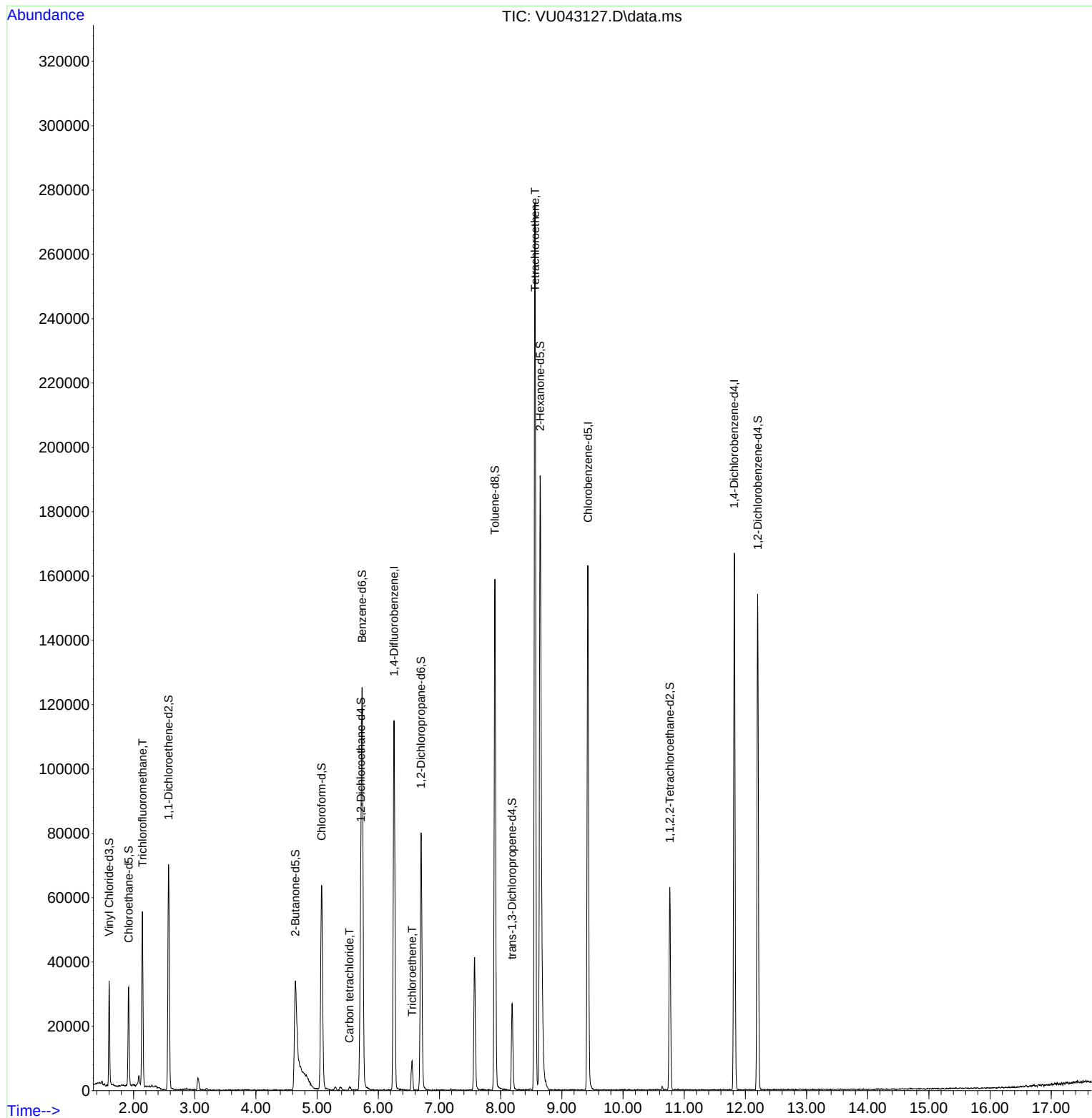
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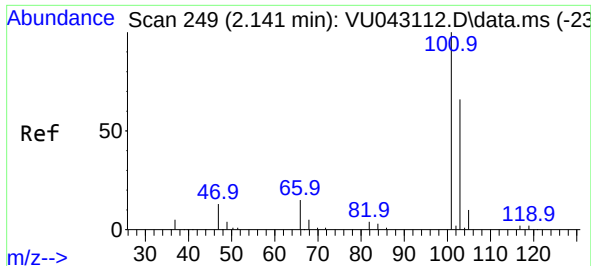
Instrument :
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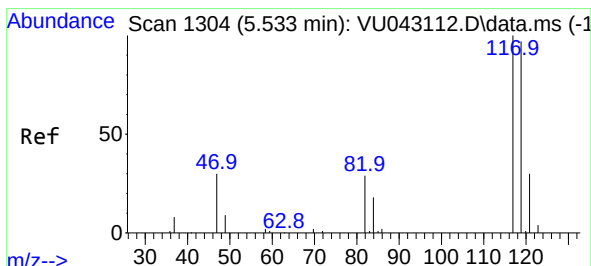
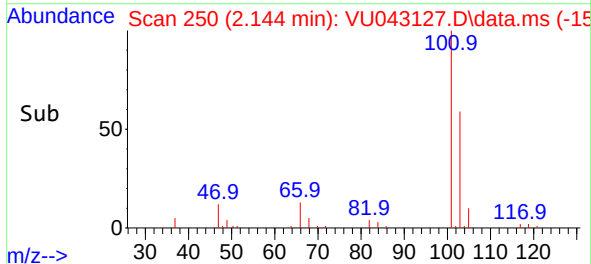
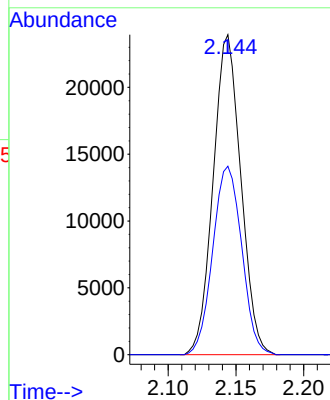
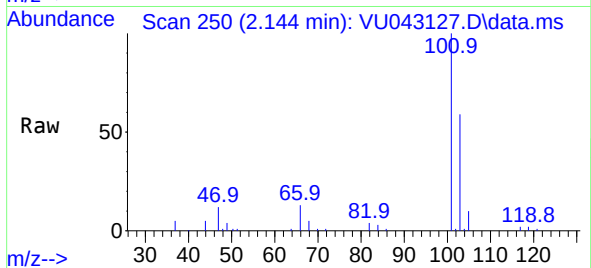
#9
Trichlorofluoromethane
Concen: 3.25 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Tgt Ion:101 Resp: 34026
Ion Ratio Lower Upper
101 100
103 61.5 51.5 77.3

Instrument :
MSVOA_U
ClientSampled :
C0AT4DL

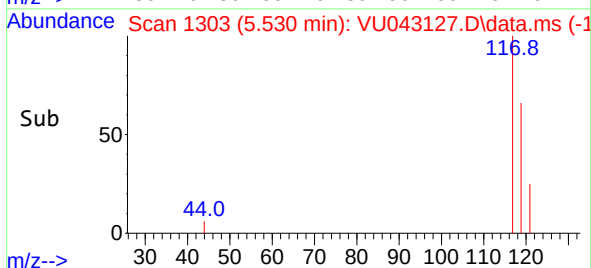
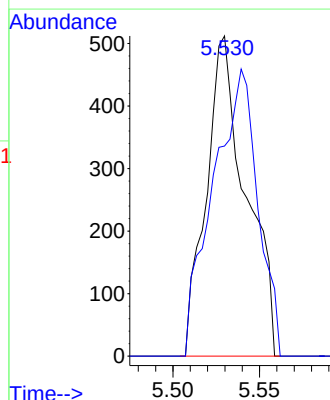
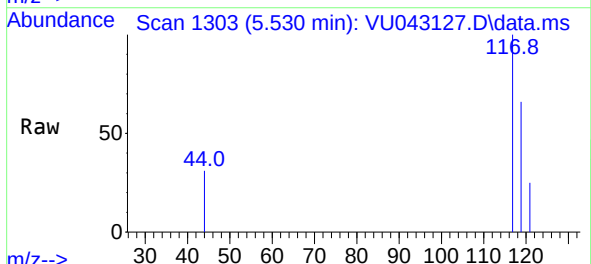
Manual Integrations
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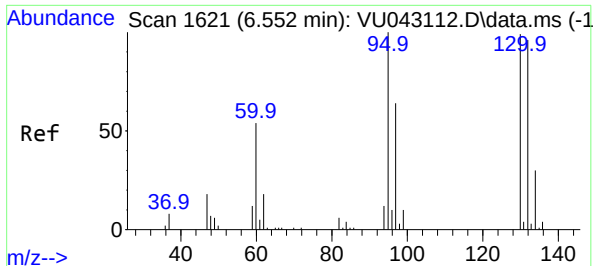
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#31
Carbon tetrachloride
Concen: 0.09 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Tgt Ion:117 Resp: 814
Ion Ratio Lower Upper
117 100
119 101.1 76.2 114.4





#34

Trichloroethene

Concen: 0.50 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU043127.D

Acq: 15 Apr 2021 17:44

Tgt Ion: 95 Resp: 3046

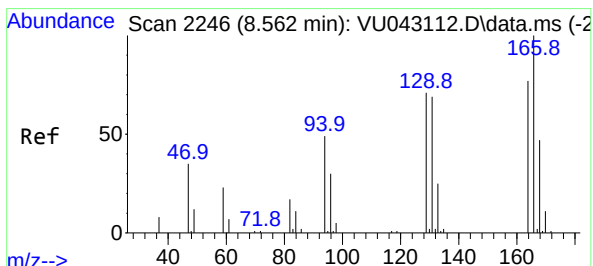
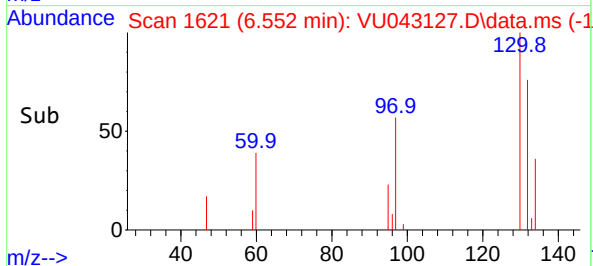
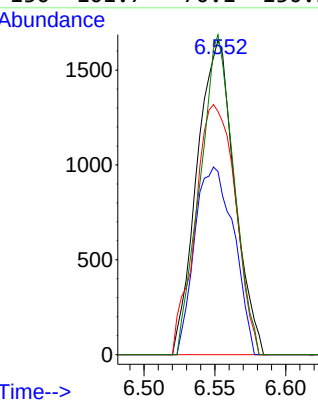
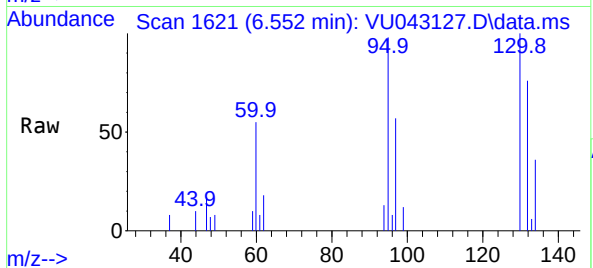
Ion Ratio Lower Upper

95 100

97 58.3 45.8 85.2

132 77.3 68.7 127.7

130 101.7 70.1 130.3



#47

Tetrachloroethene

Concen: 12.02 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU043127.D

Acq: 15 Apr 2021 17:44

Tgt Ion: 164 Resp: 58569

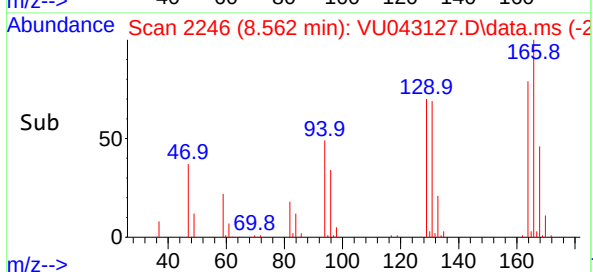
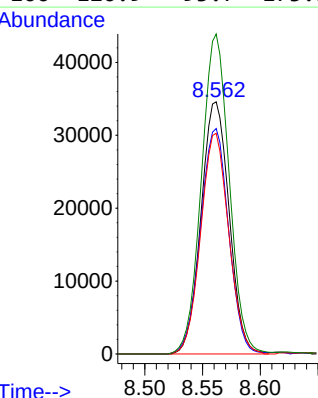
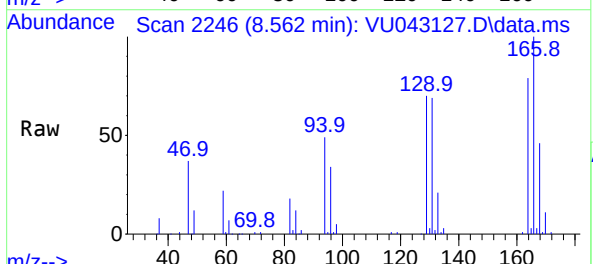
Ion Ratio Lower Upper

164 100

129 89.4 66.6 123.8

131 87.5 65.9 122.3

166 126.9 93.7 173.9



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