

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043128.D
 Acq On : 15 Apr 2021 18:08
 Operator : SY/MD
 Sample : M1986-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5DL

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:20:06 AM

Quant Time: Apr 16 05:38:11 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	85541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	84251	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	42006	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22876	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.919	69	21151	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.575	65	13742	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.20%
20) 2-Butanone-d5	4.649	46	107238m	56.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.42%
24) Chloroform-d	5.073	84	56129	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.713	65	38109	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	104391	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.697	67	34893	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.906	98	98287	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.186	79	14092	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.645	63	77442	54.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.10%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	29888	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	38180	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	34235	3.27	ug/L	100
22) cis-1,2-Dichloroethene	4.681	96	1142	0.19	ug/L #	61
25) Chloroform	5.099	83	1826	0.16	ug/L	92
31) Carbon tetrachloride	5.530	117	736	0.08	ug/L #	80
34) Trichloroethene	6.549	95	6292	1.01	ug/L	92
47) Tetrachloroethene	8.562	164	47044	9.56	ug/L	96

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

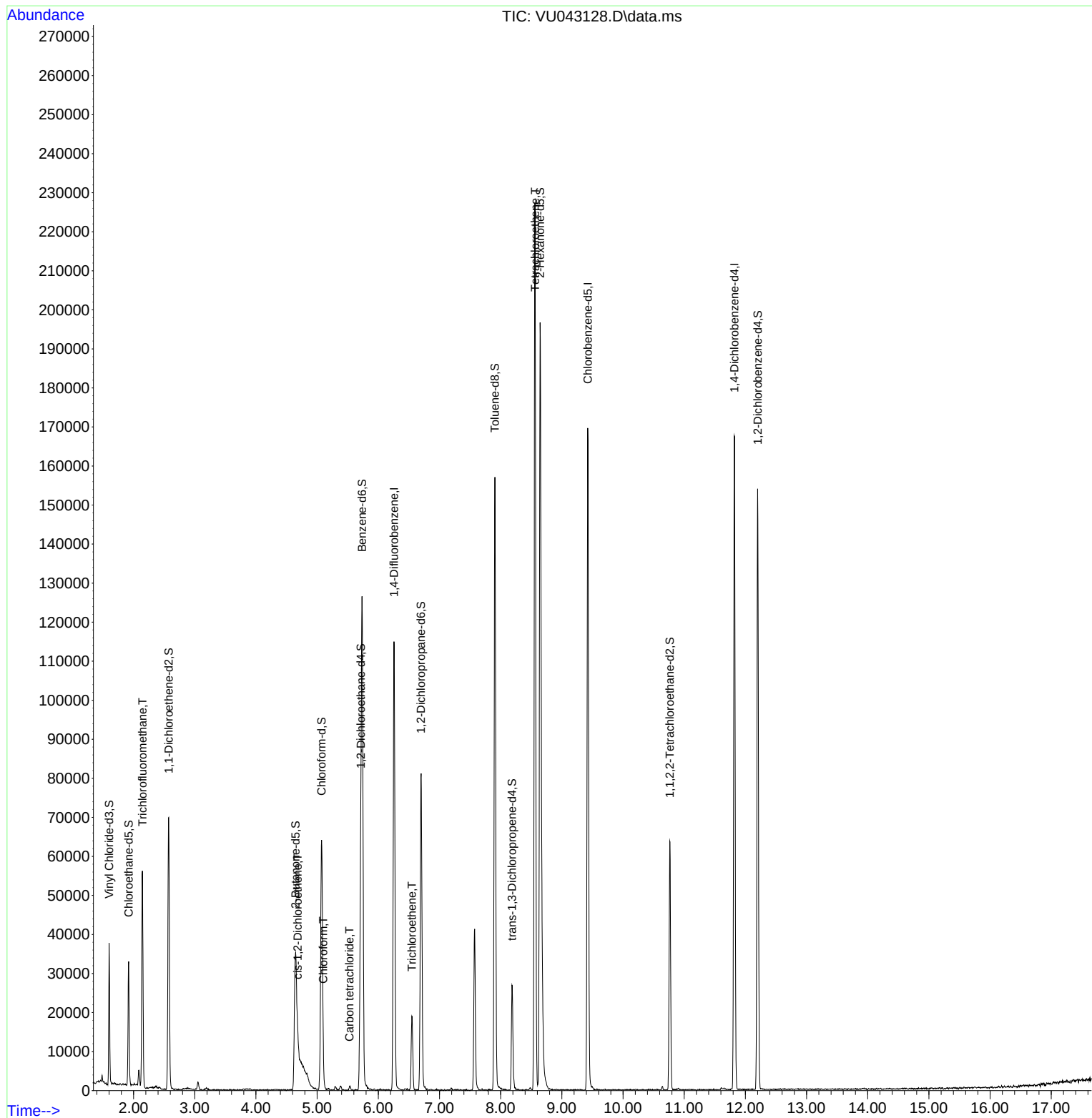
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043128.D
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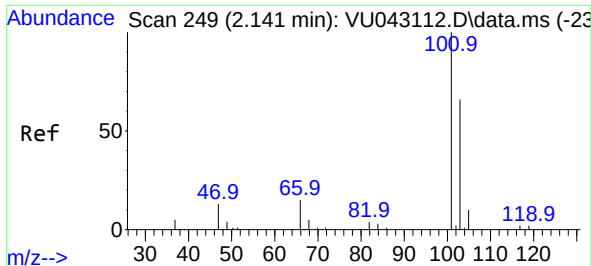
Instrument :
MSVOA_U
ClientSampleId :
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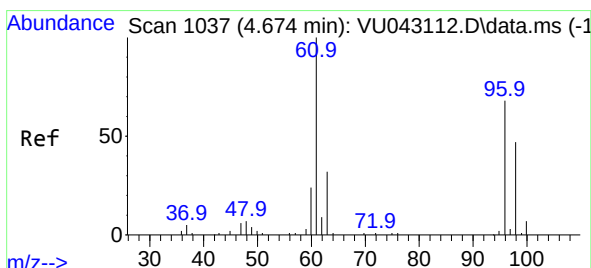
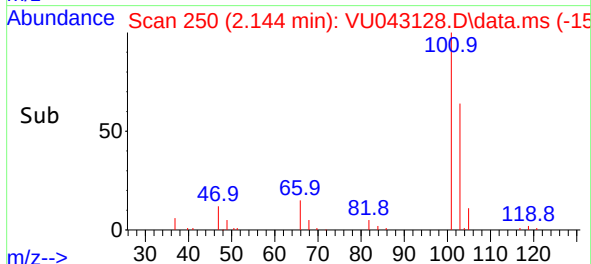
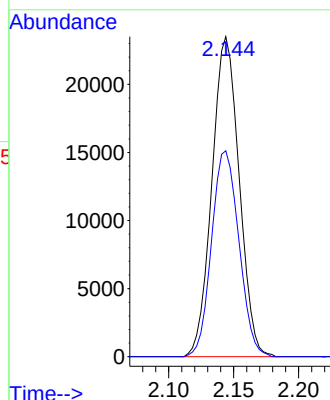
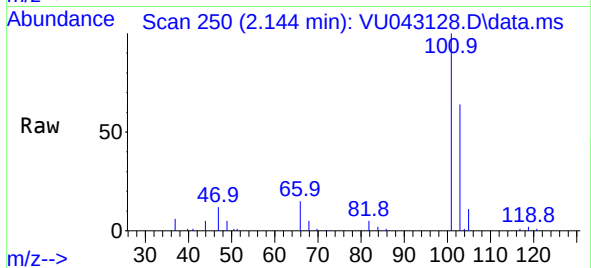
#9
Trichlorofluoromethane
Concen: 3.27 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Tgt Ion:101 Resp: 34235
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

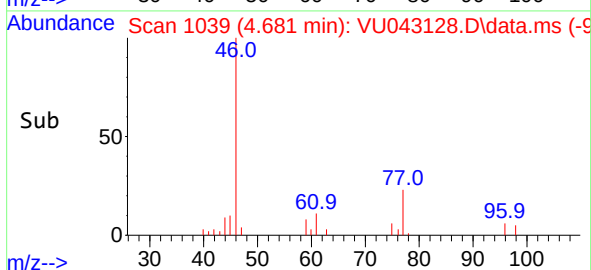
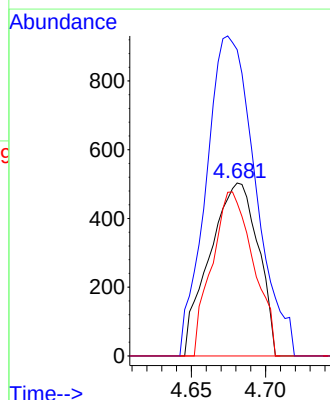
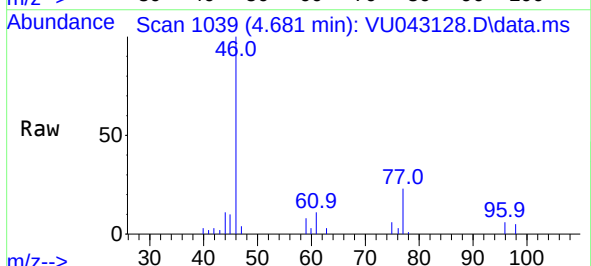
Manual Integrations
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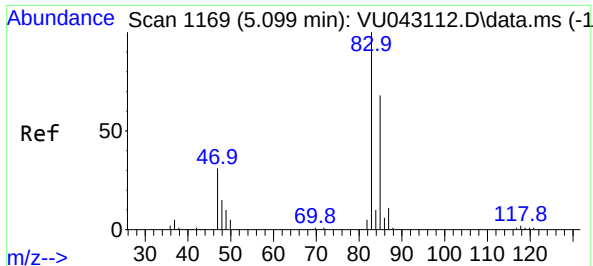
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#22
cis-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Tgt Ion: 96 Resp: 1142
Ion Ratio Lower Upper
96 100
61 177.1 87.4 162.4#
98 88.5 47.7 88.5





#25

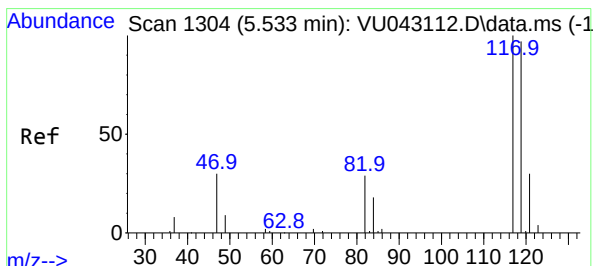
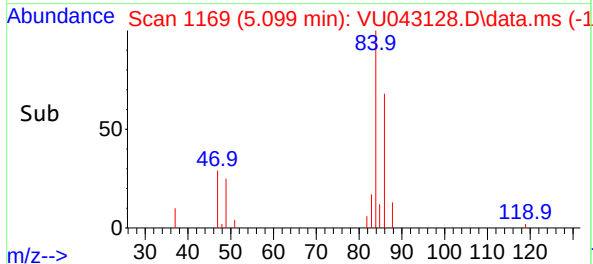
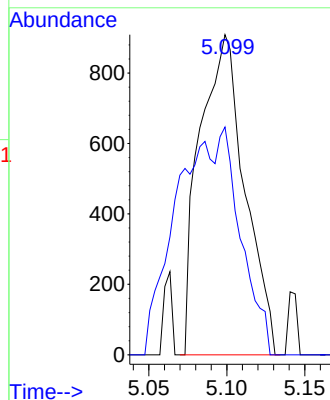
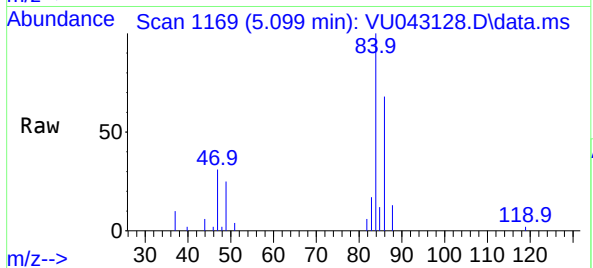
Chloroform
Concen: 0.16 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Tgt Ion: 83 Resp: 1826
Ion Ratio Lower Upper
83 100
85 71.2 45.6 84.8

Instrument :
MSVOA_U
ClientSampled :
C0AT5DL

Manual Integrations
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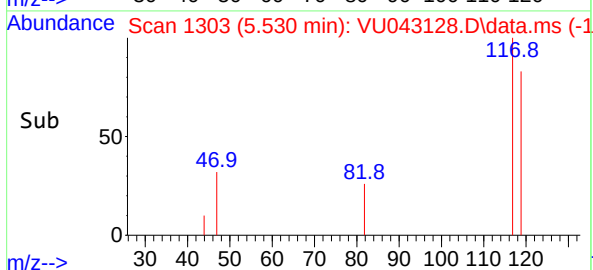
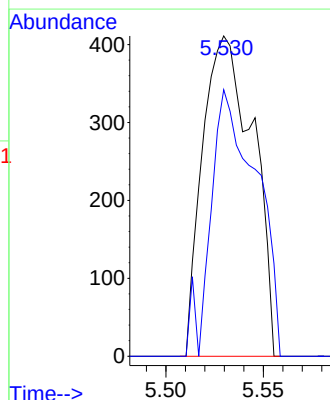
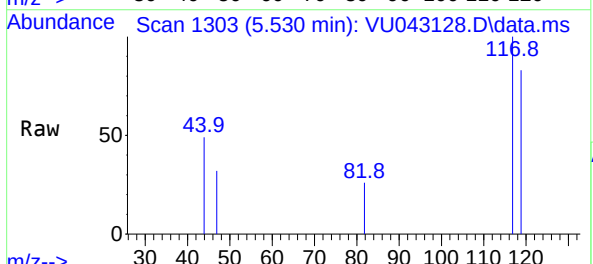
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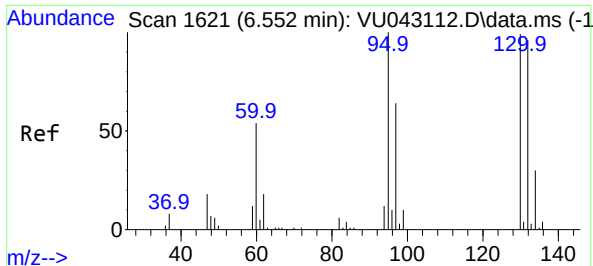


#31

Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Tgt Ion: 117 Resp: 736
Ion Ratio Lower Upper
117 100
119 75.8 76.2 114.4#





#34

Trichloroethene

Concen: 1.01 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043128.D

Acq: 15 Apr 2021 18:08

Tgt Ion: 95 Resp: 6292

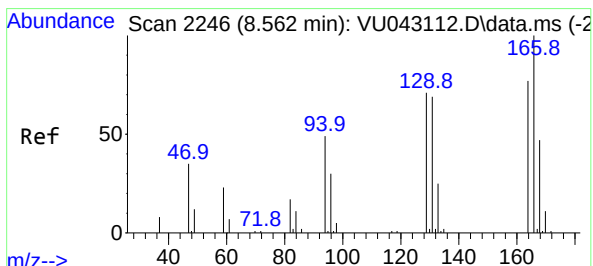
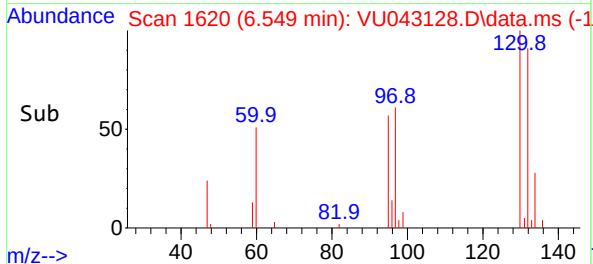
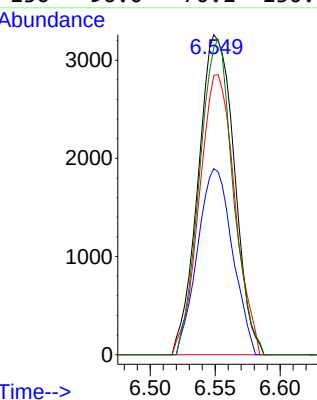
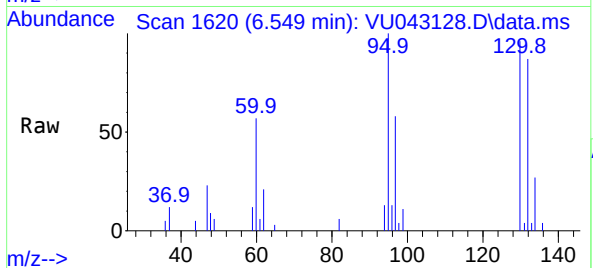
Ion Ratio Lower Upper

95 100

97 58.2 45.8 85.2

132 87.3 68.7 127.7

130 96.0 70.1 130.3



#47

Tetrachloroethene

Concen: 9.56 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU043128.D

Acq: 15 Apr 2021 18:08

Tgt Ion: 164 Resp: 47044

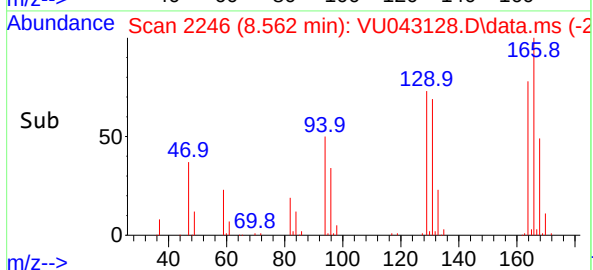
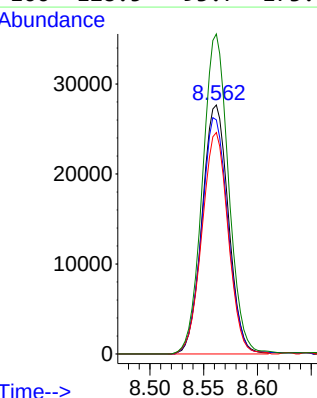
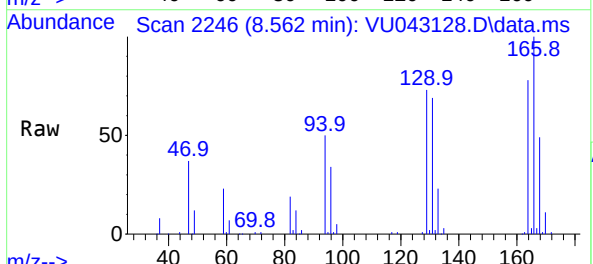
Ion Ratio Lower Upper

164 100

129 94.0 66.6 123.8

131 89.0 65.9 122.3

166 128.5 93.7 173.9



Instrument :

MSVOA_U

ClientSampled :

C0AT5DL

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4/19/2021 10:20:06 AM