

Data File : VV019431.D
Acq On : 23 Nov 2020 19:37
Operator : SY/MD
Sample : L4794-23
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BG9

Quant Time: Nov 24 05:29:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 24 05:27:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344197	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167097	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	166235	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.58	69	137071	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.12	63	236402	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
21) 2-Butanone-d5	3.89	46	204806	97.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.75%
24) Chloroform-d	4.37	84	268260	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
26) 1,2-Dichloroethane-d4	5.05	65	181792	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
32) Benzene-d6	5.07	84	521263	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.09	67	175647	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.68%
41) Toluene-d8	7.33	98	445964	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%
43) trans-1,3-Dichloropropene-	7.64	79	79681	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.10	63	110172	80.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.93%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	186396	41.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	178258	54.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.86%

Target Compounds

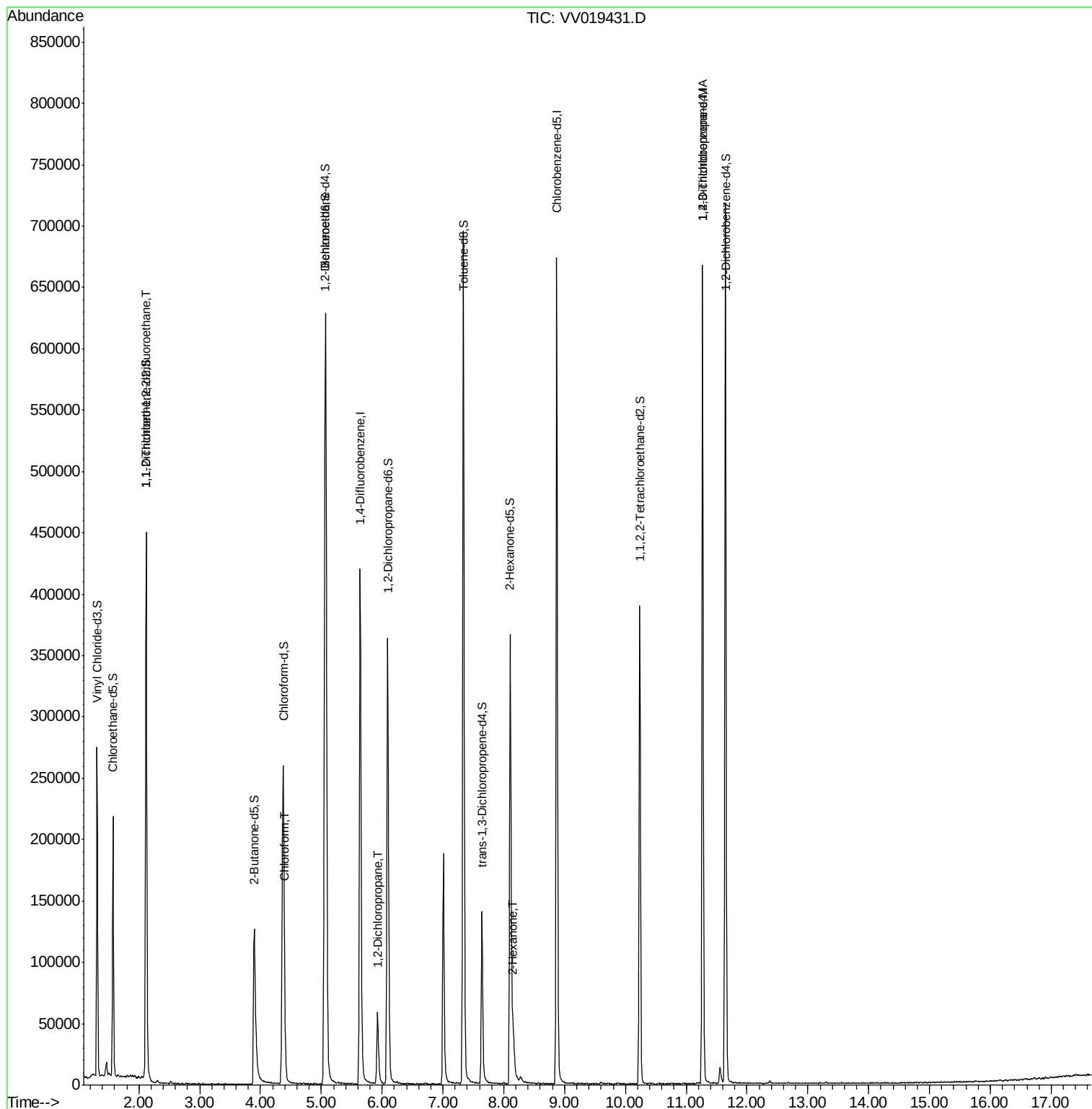
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2039	0.845 ug/L #	26
25) Chloroform	4.40	83	5306	1.030 ug/L	90
37) 1,2-Dichloropropane	5.92	63	3069	1.059 ug/L	100
48) 2-Hexanone	8.16	43	27062	8.358 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	20549	5.396 ug/L	96

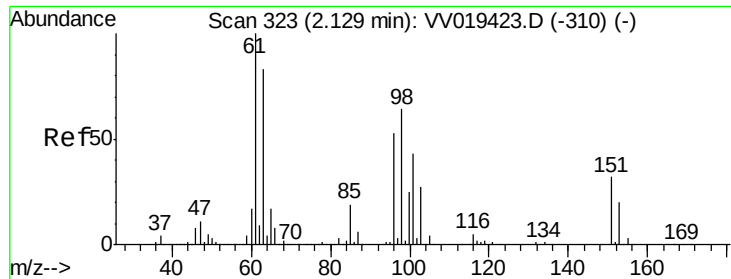
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.845 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

C0BG9

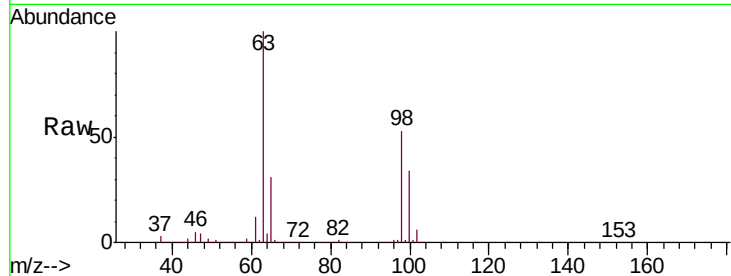
Tgt Ion: 101 Resp: 2039

Ion Ratio Lower Upper

101 100

85 4.3 35.5 53.3#

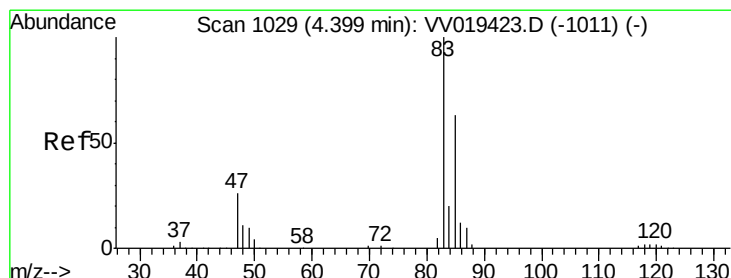
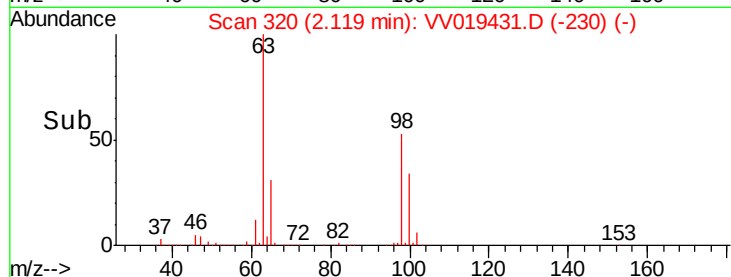
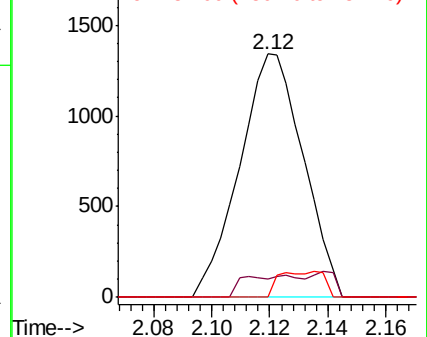
151 5.0 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.030 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

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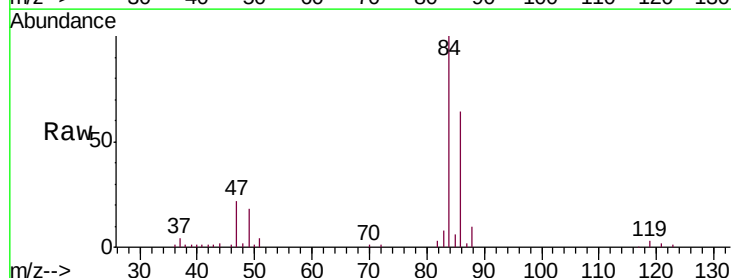
Acq: 23 Nov 2020 19:37

Tgt Ion: 83 Resp: 5306

Ion Ratio Lower Upper

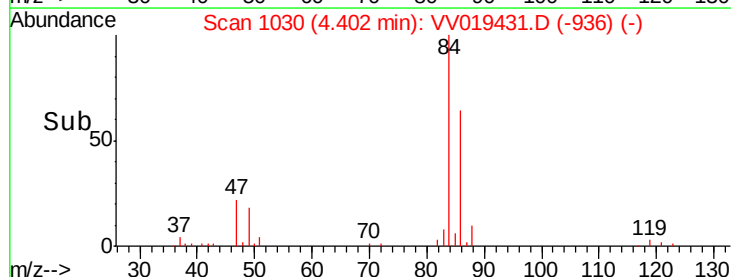
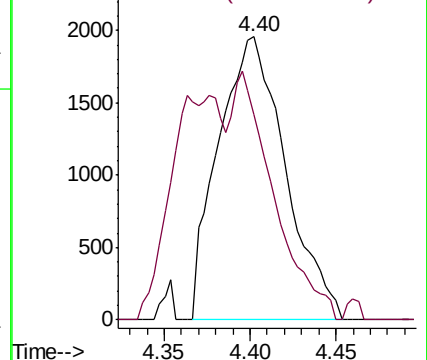
83 100

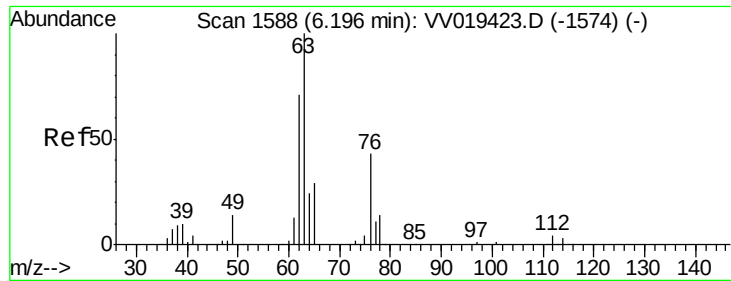
85 72.5 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#37

1,2-Dichloropropane

Concen: 1.059 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. -0.27 min

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Instrument :

MSVOA_V

ClientSampleId :

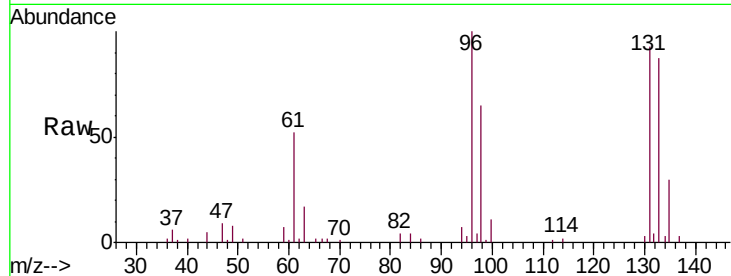
C0BG9

Tgt Ion: 63 Resp: 3069

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



Abundance Ion 63.00 (62.70 to 63.70): VV019423.D (-1574) (-)

Ion 112.00 (111.70 to 112.70): VV019423.D (-1574) (-)

5.92

1500

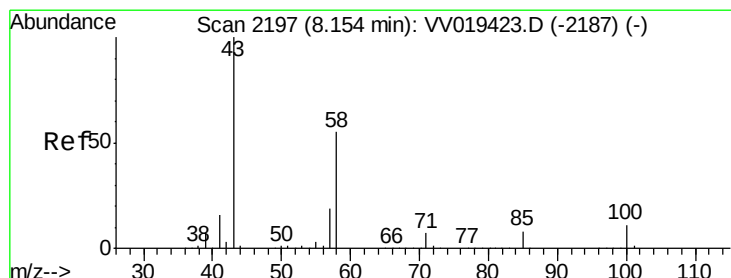
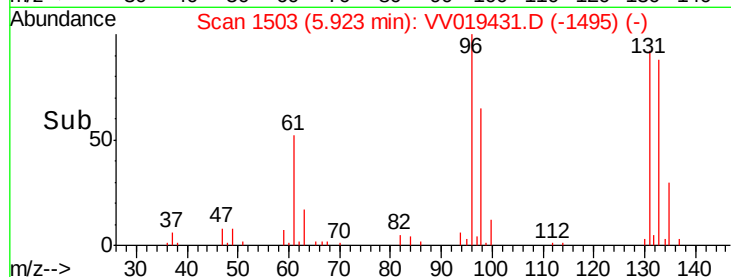
1000

500

0

5.90 5.95

Time-->



#48

2-Hexanone

Concen: 8.358 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 27062

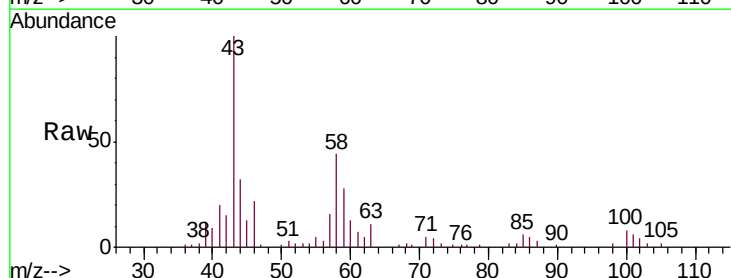
Ion Ratio Lower Upper

43 100

58 40.4 43.8 65.6#

57 11.9 15.4 23.2#

100 7.9 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VV019423.D (-2187) (-)

Ion 58.00 (57.70 to 58.70): VV019423.D (-2187) (-)

Ion 57.00 (56.70 to 57.70): VV019423.D (-2187) (-)

Ion 100.00 (99.70 to 100.70): VV019423.D (-2187) (-)

8.16

15000

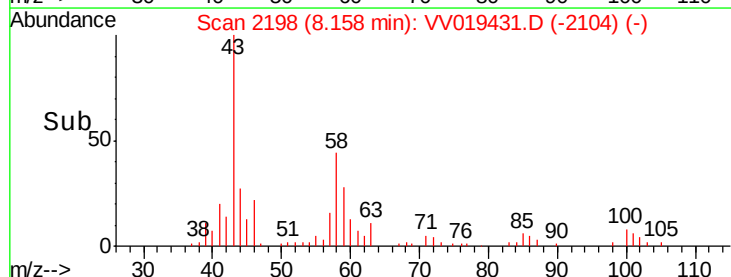
10000

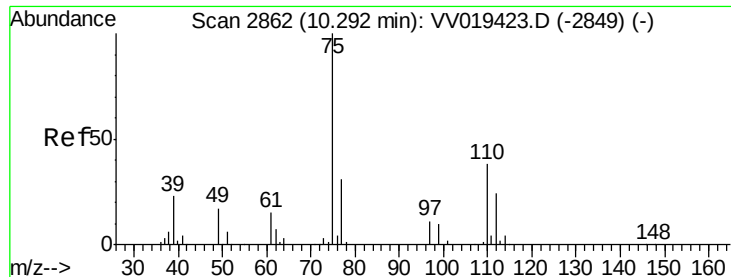
5000

0

8.10 8.15 8.20 8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.396 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV019431.D

Acq: 23 Nov 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

C0BG9

Tgt Ion: 75 Resp: 20549

Ion Ratio Lower Upper

75 100

77 33.7 25.2 37.8

