

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018941.D
 Acq On : 16 Oct 2020 16:50
 Operator : SY/MD
 Sample : L4426-05
 Misc : 5.0ml/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG403

Quant Time: Oct 17 06:03:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300892	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302817	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142418	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112252	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.64%
7) Chloroethane-d5	1.58	69	93960	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.76%
11) 1,1-Dichloroethene-d2	2.12	63	173292	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.12%
21) 2-Butanone-d5	3.90	46	171678	99.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	4.38	84	209759	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.06	65	147710	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.07	84	419134	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.09	67	128170	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.70%
41) Toluene-d8	7.34	98	347146	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%
43) trans-1,3-Dichloropropene-	7.64	79	59732	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.11	63	80369	76.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125496	37.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	141128	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%

Target Compounds

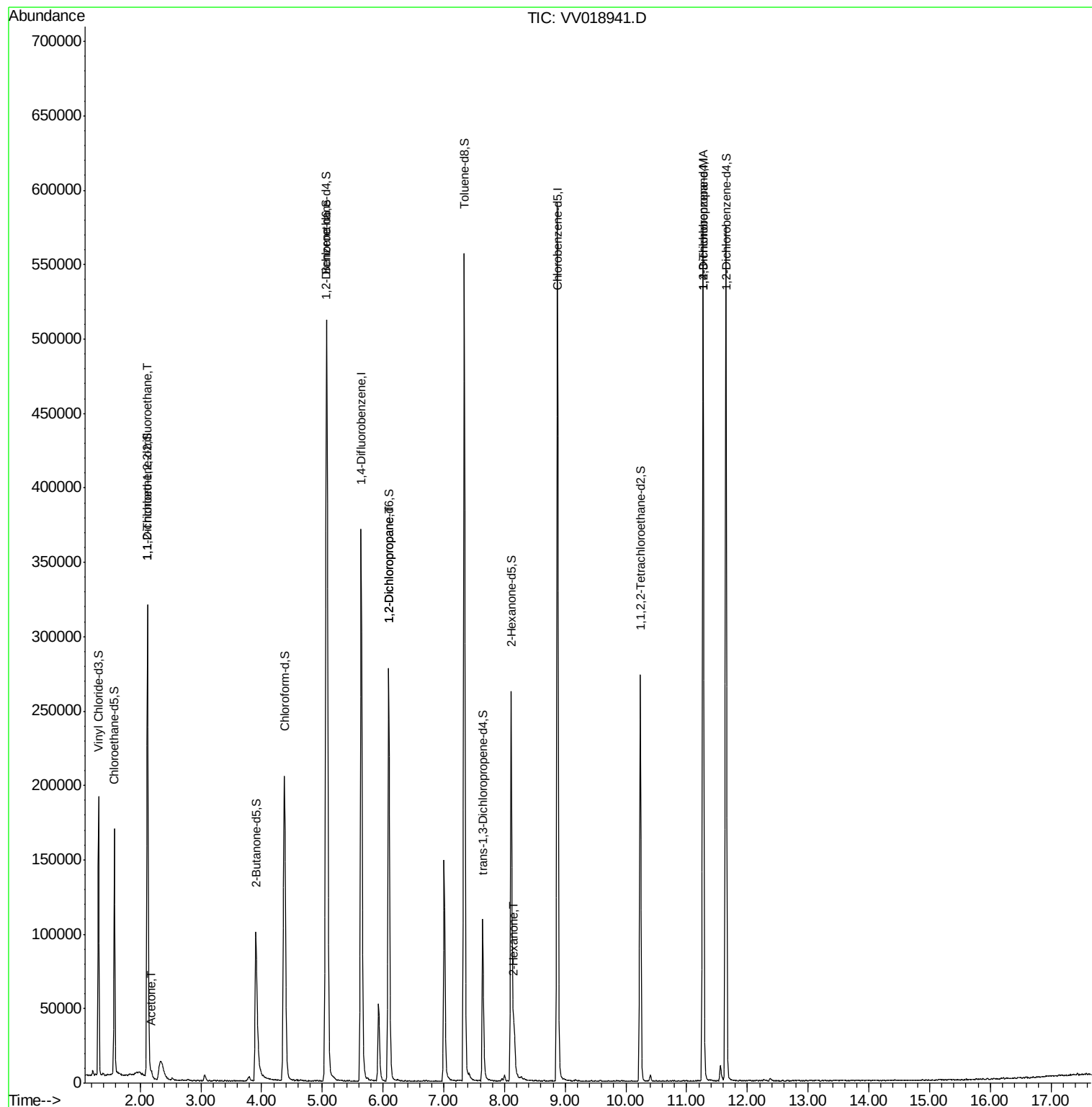
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1522	0.780 ug/L #	20
13) Acetone	2.19	43	4671	3.703 ug/L	90
37) 1,2-Dichloropropane	6.09	63	15089	6.072 ug/L #	88
48) 2-Hexanone	8.16	43	20576	7.573 ug/L #	85
59) 1,2,3-Trichloropropane	11.27	75	16504	5.487 ug/L #	87

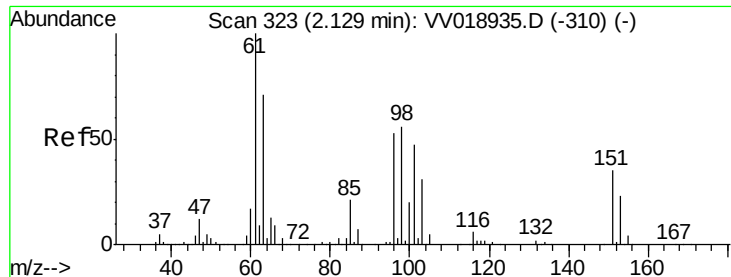
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.780 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018941.D

Acq: 16 Oct 2020 16:50

Instrument :

MSVOA_V

ClientSampled :

BG403

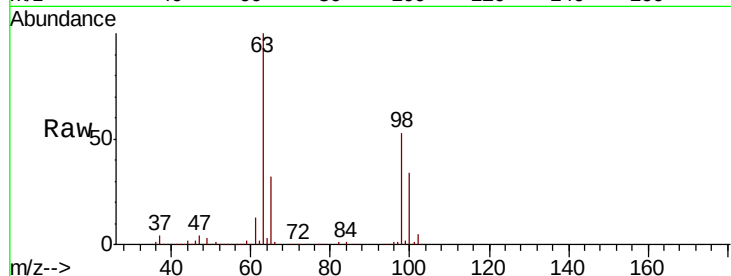
Tot Ion:101 Resp: 1522

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

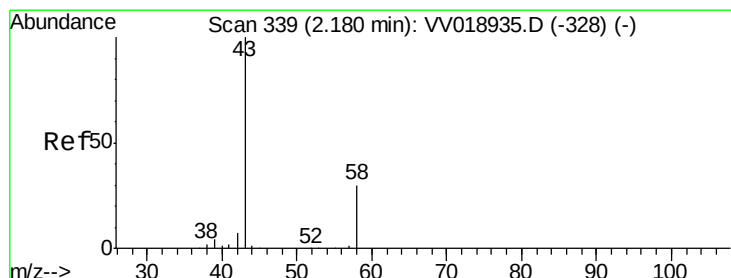
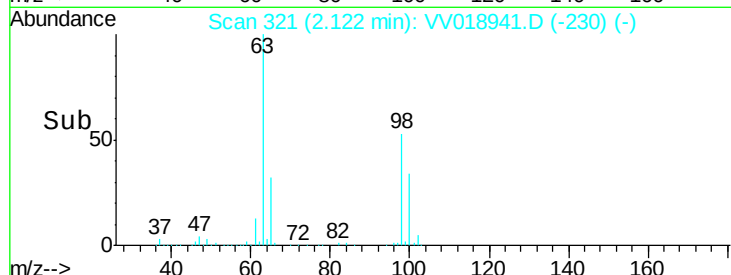
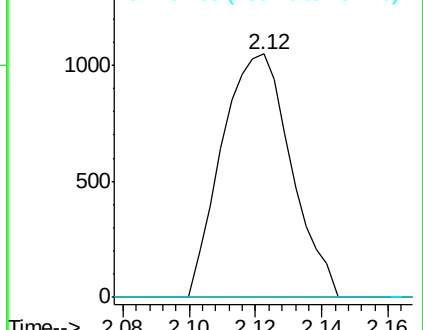
151 0.0 59.7 89.5#



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



#13

Acetone

Concen: 3.703 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV018941.D

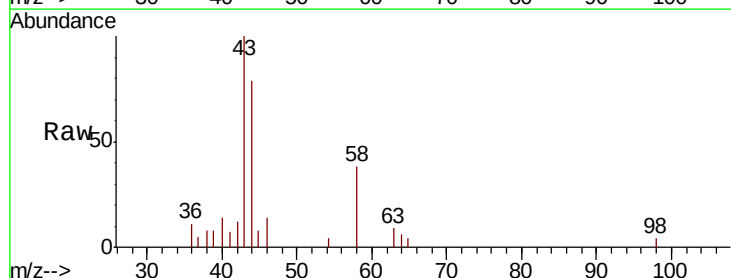
Acq: 16 Oct 2020 16:50

Tgt Ion: 43 Resp: 4671

Ion Ratio Lower Upper

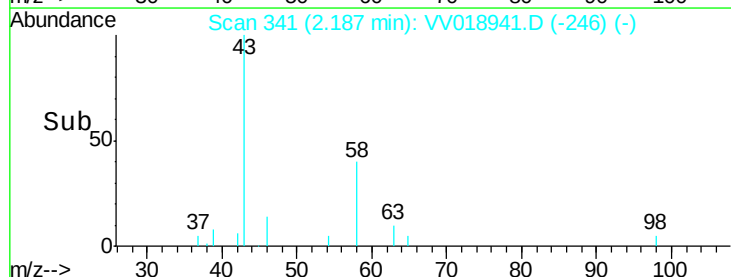
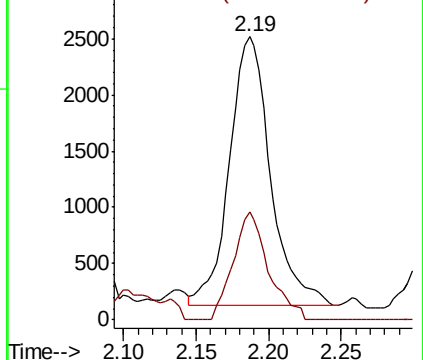
43 100

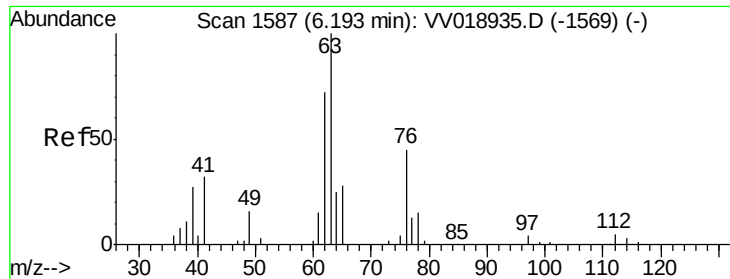
58 34.6 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

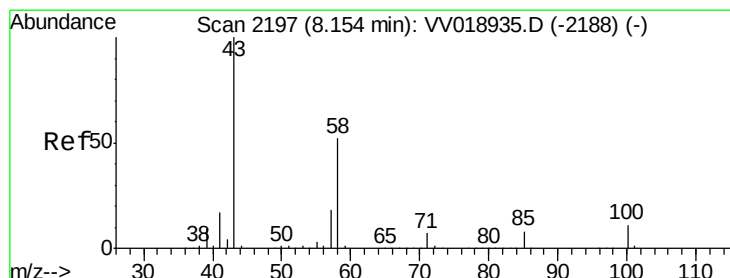
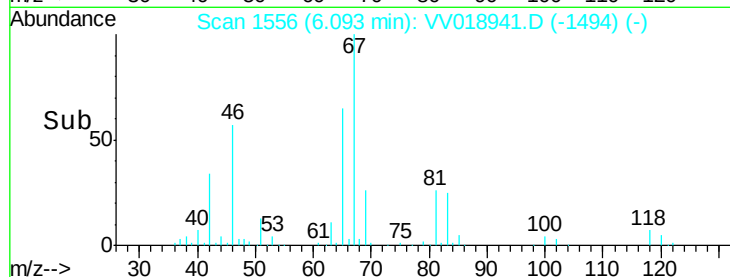
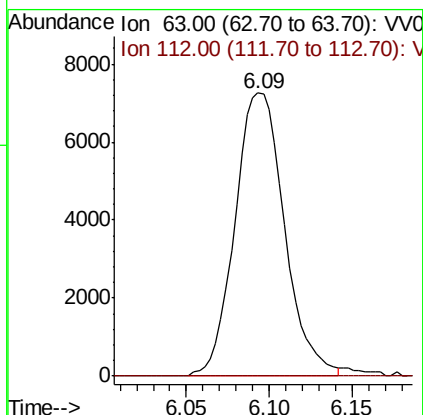
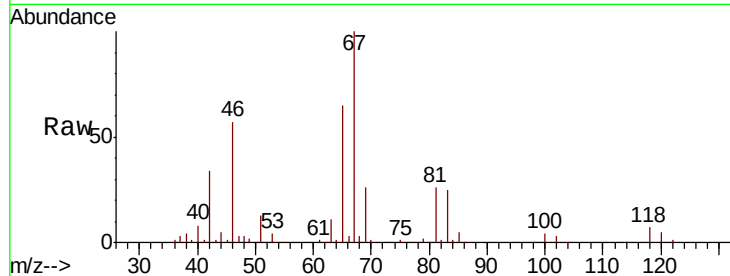




#37
 1,2-Dichloropropane
 Concen: 6.072 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018941.D
 Acq: 16 Oct 2020 16:50

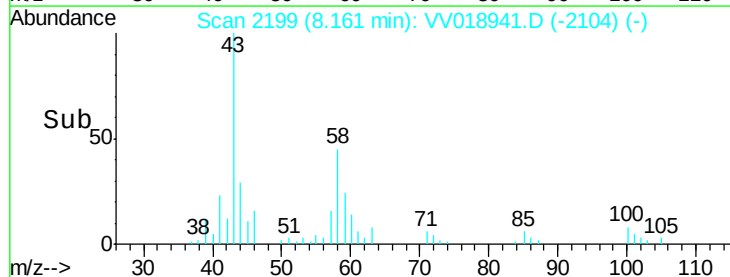
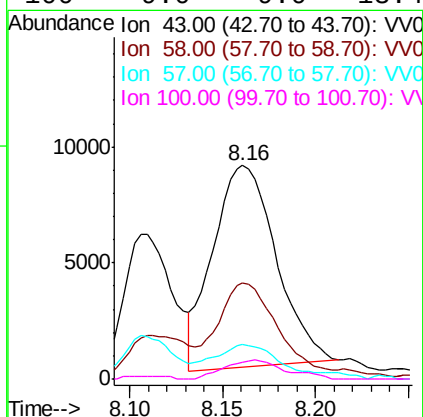
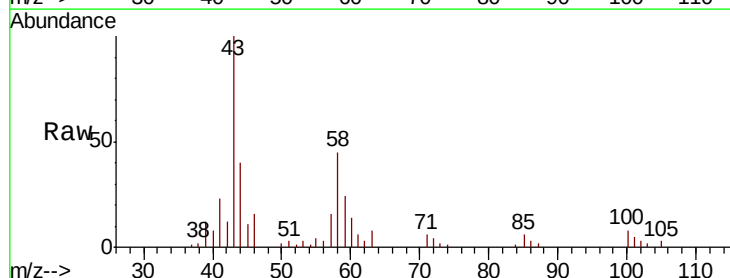
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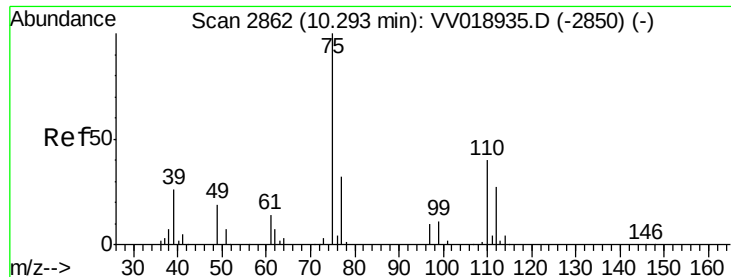
Tot Ion: 63 Resp: 15089
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#48
 2-Hexanone
 Concen: 7.573 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018941.D
 Acq: 16 Oct 2020 16:50

Tgt Ion: 43 Resp: 20576
 Ion Ratio Lower Upper
 43 100
 58 40.3 42.5 63.7#
 57 13.8 14.5 21.7#
 100 9.0 9.0 13.4





#59

1,2,3-Trichloropropane

Concen: 5.487 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018941.D

Acq: 16 Oct 2020 16:50

Instrument :

MSVOA_V

ClientSampleId :

BG403

Tot Ion: 75 Resp: 16504

Ion Ratio Lower Upper

75 100

77 39.3 25.4 38.2#

