

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018932.D
 Acq On : 15 Oct 2020 23:44
 Operator : SY/MD
 Sample : L4382-11ME 200X
 Misc : 4.395g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X9MEDL

Quant Time: Oct 16 08:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	299080	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139077	50.00	ug/L	0.00

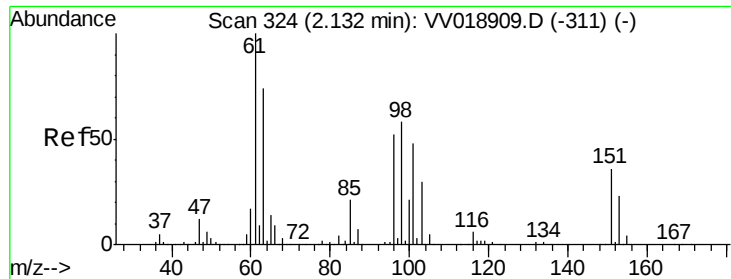
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121117	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	101224	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	180082	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.50%
21) 2-Butanone-d5	3.92	46	159349	92.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.38	84	206946	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	5.05	65	147766	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.07	84	412551	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.09	67	135110	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.34	98	364996	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	7.64	79	62630	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.80%
47) 2-Hexanone-d5	8.11	63	91424	89.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137219	42.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	146213	51.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.34%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1591	0.820 ug/L #	20
39) cis-1,3-Dichloropropene	7.01	75	3752	1.029 ug/L #	59
45) 1,1,2-Trichloroethane	7.99	97	2562	1.135 ug/L #	9
46) Tetrachloroethene	8.00	164	261441	141.849 ug/L	99
48) 2-Hexanone	8.16	43	15383	5.795 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	16414	5.586 ug/L #	86

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



#10

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

Concen: 0.820 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

BG3X9MEDL

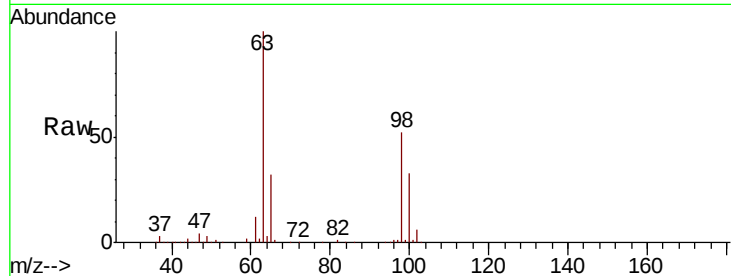
Tot Ion:101 Resp: 1591

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

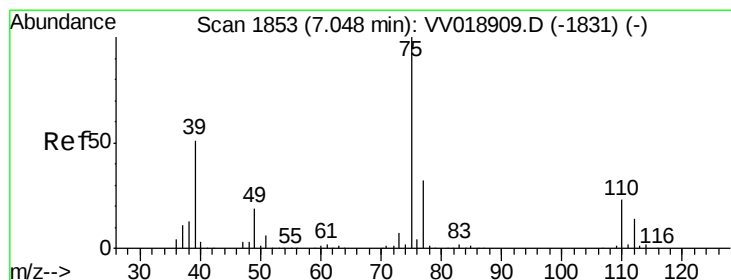
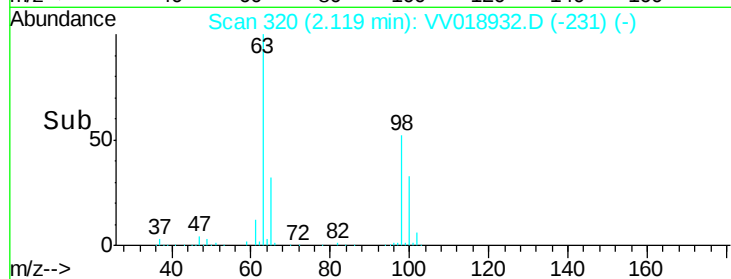
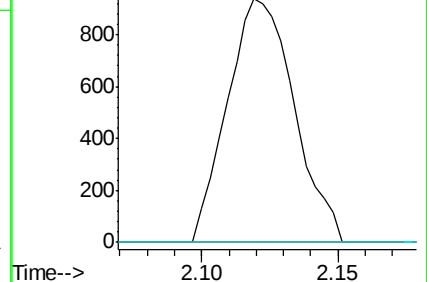
151 0.0 59.7 89.5#



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



#39

cis-1,3-Dichloropropene

Concen: 1.029 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018932.D

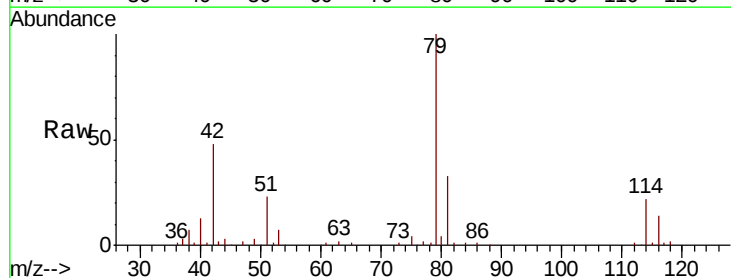
Acq: 15 Oct 2020 23:44

Tgt Ion: 75 Resp: 3752

Ion Ratio Lower Upper

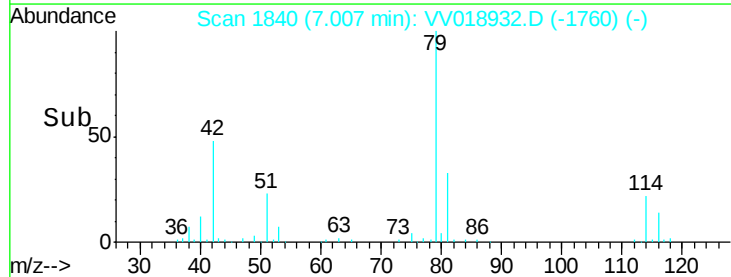
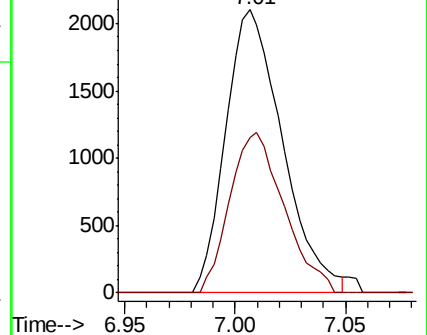
75 100

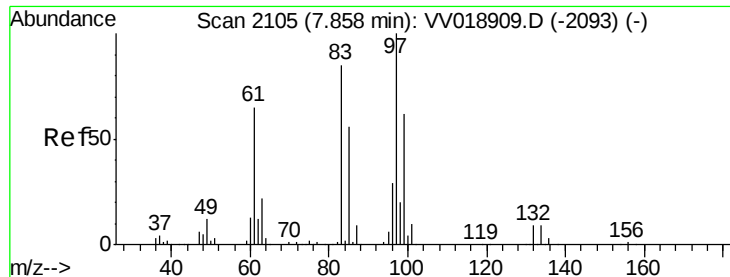
77 55.1 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

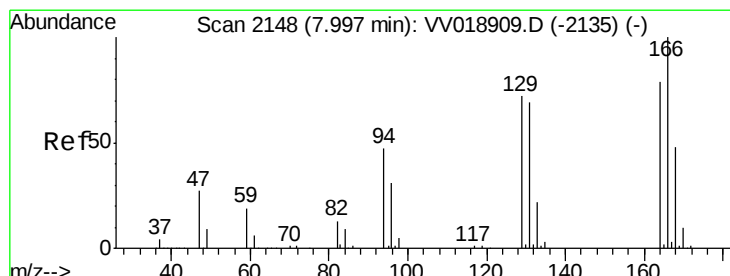
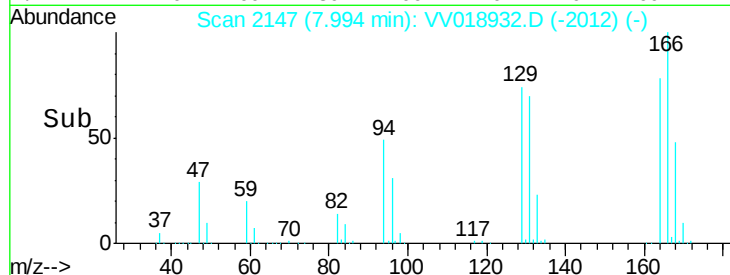
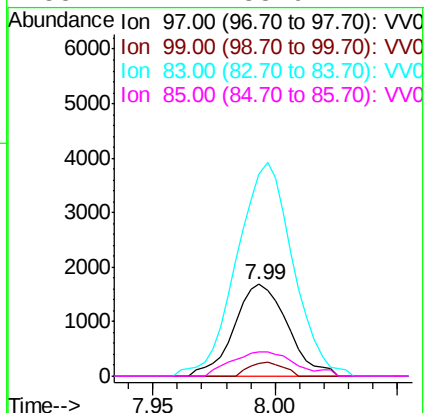
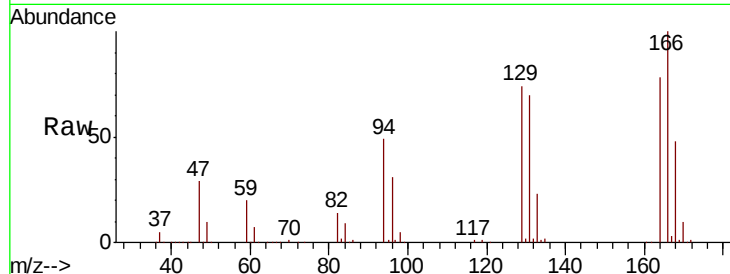




#45
1,1,2-Trichloroethane
Concen: 1.135 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.13 min
Lab File: VV018932.D
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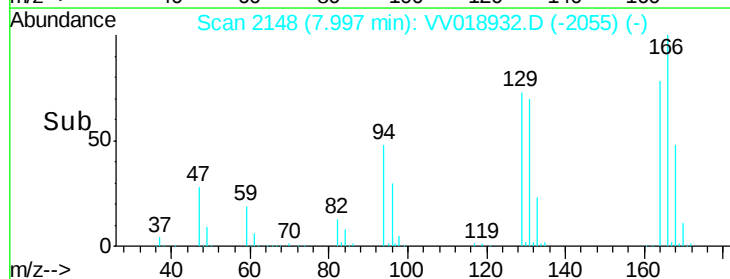
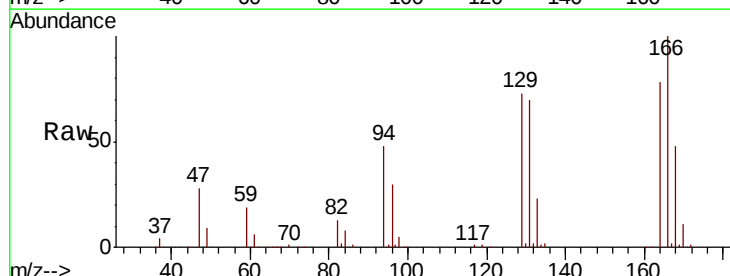
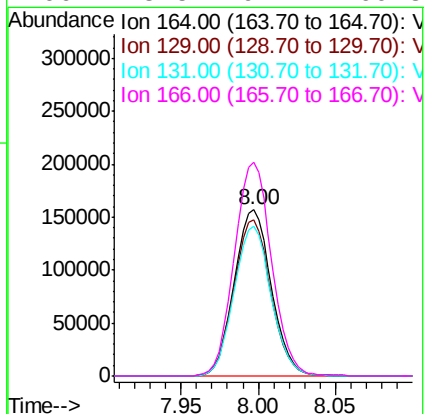
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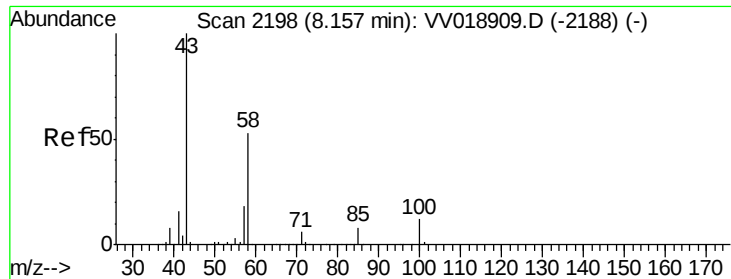
Tot Ion: 97 Resp: 2562
Ion Ratio Lower Upper
97 100
99 14.3 43.8 81.4#
83 221.0 61.0 113.4#
85 27.1 38.9 72.2#



#46
Tetrachloroethene
Concen: 141.849 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV018932.D
Acq: 15 Oct 2020 23:44

Tgt Ion: 164 Resp: 261441
Ion Ratio Lower Upper
164 100
129 93.7 65.0 120.8
131 90.4 62.9 116.7
166 128.5 91.1 169.3

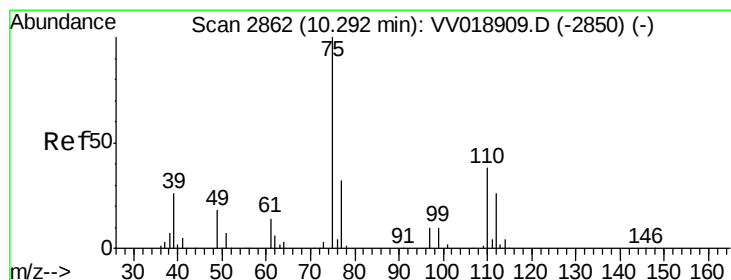
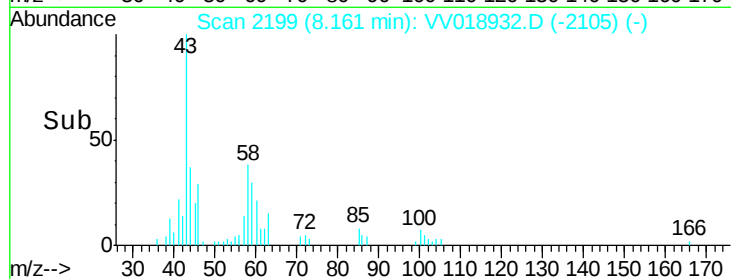
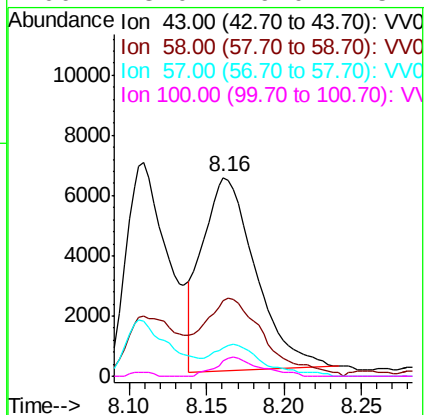
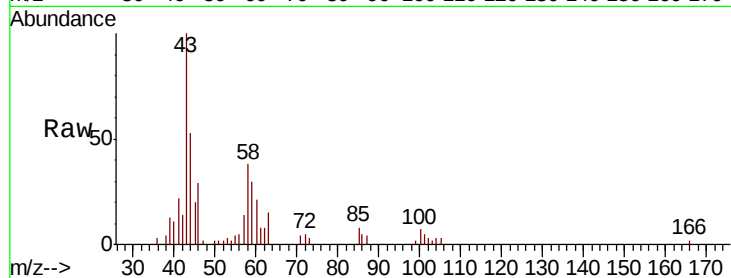




#48
2-Hexanone
Concen: 5.795 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018932.D
Acq: 15 Oct 2020 23:44

Instrument :
MSVOA_V
ClientSampleId :
BG3X9MEDL

Tot Ion: 43 Resp: 15383
Ion Ratio Lower Upper
43 100
58 44.3 42.5 63.7
57 12.4 14.5 21.7#
100 8.0 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.586 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018932.D
Acq: 15 Oct 2020 23:44

Tgt Ion: 75 Resp: 16414
Ion Ratio Lower Upper
75 100
77 39.3 25.4 38.2#

