

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019183.D
 Acq On : 30 Oct 2020 14:40
 Operator : SY/MD
 Sample : L4502-19MEDL 20X
 Misc : 6.01g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG442MEDL

Quant Time: Oct 31 03:04:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	233507	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230016	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116980	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82246	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.58	69	67273	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.34%
11) 1,1-Dichloroethene-d2	2.12	63	125483	35.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.10%
21) 2-Butanone-d5	3.91	46	110881	97.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.56%
24) Chloroform-d	4.37	84	166211	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
26) 1,2-Dichloroethane-d4	5.06	65	120094	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
32) Benzene-d6	5.07	84	313794	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
36) 1,2-Dichloropropane-d6	6.09	67	96240	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.34	98	289058	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%
43) trans-1,3-Dichloropropene-	7.64	79	51309	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.11	63	79395	94.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.23%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	122036	46.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	123802	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%

Target Compounds

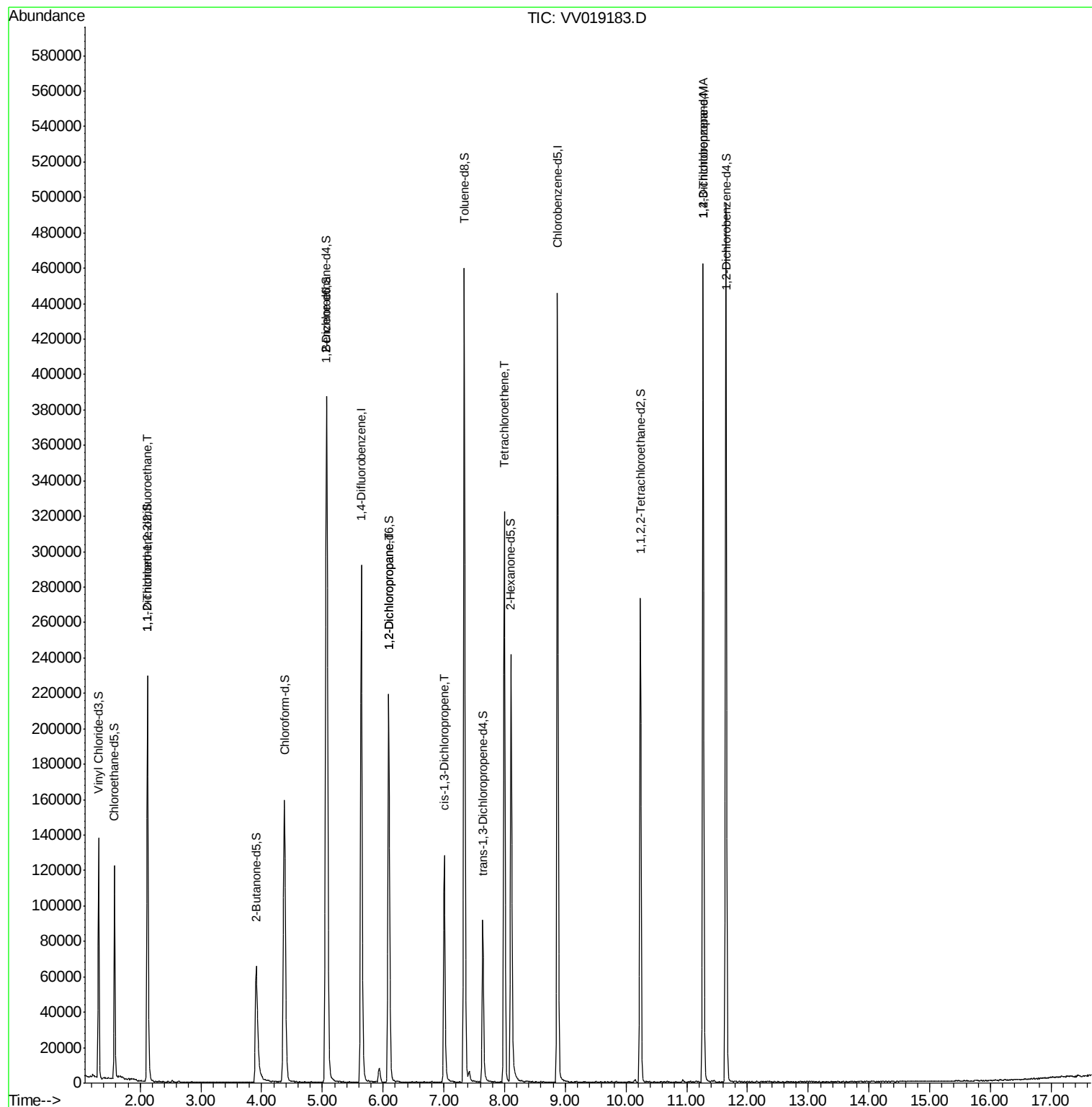
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1185	0.775 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12231	7.426 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3469	1.275 ug/L #	68
46) Tetrachloroethene	8.00	164	69561	44.839 ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	12434	5.775 ug/L	89

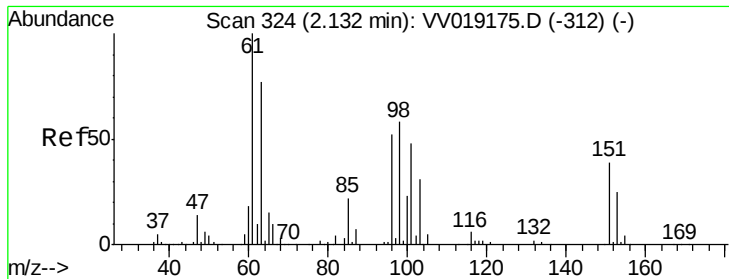
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 31 02:55:48 2020
Response via : Initial Calibration





#10

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

Concen: 0.775 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019183.D

Acq: 30 Oct 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

BG442MEDL

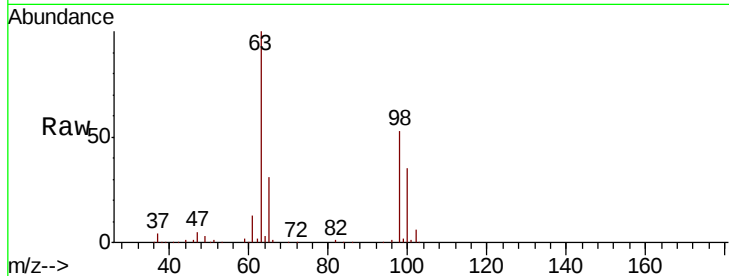
Tot Ion:101 Resp: 1185

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

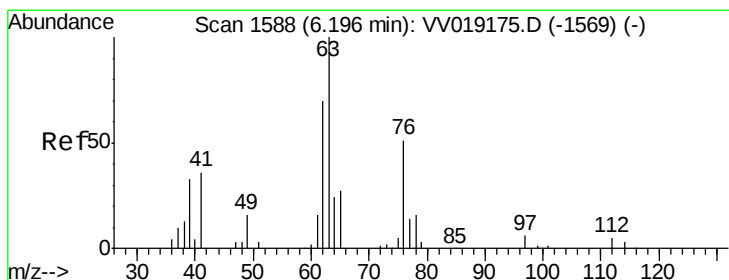
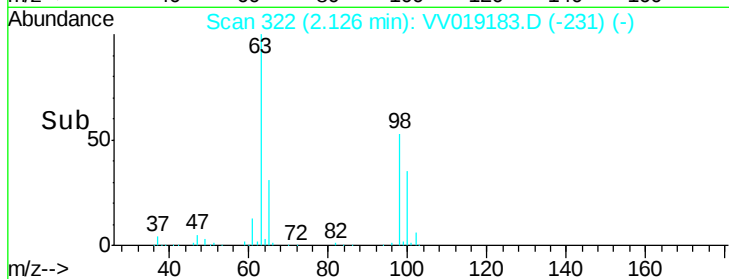
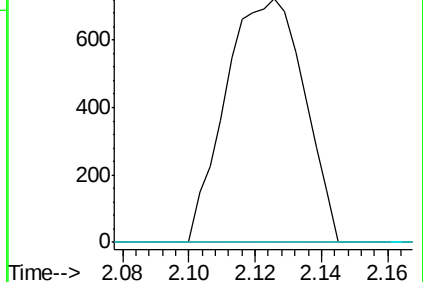
151 0.0 65.0 97.4#



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



#37

1,2-Dichloropropane

Concen: 7.426 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019183.D

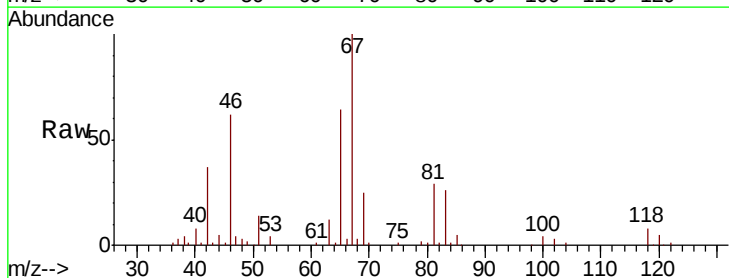
Acq: 30 Oct 2020 14:40

Tgt Ion: 63 Resp: 12231

Ion Ratio Lower Upper

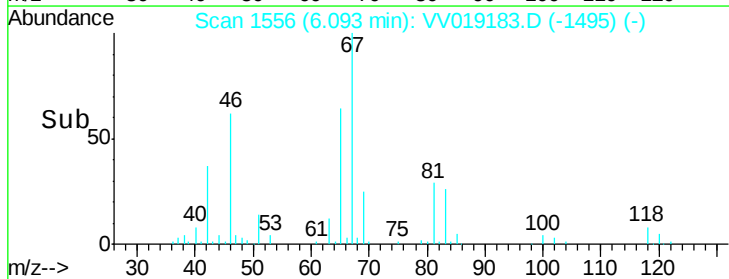
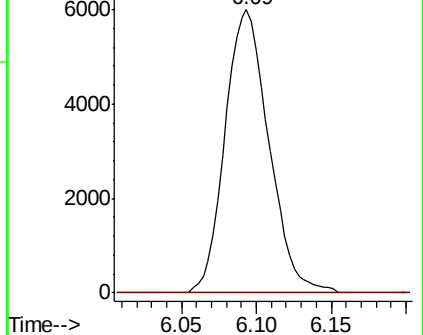
63 100

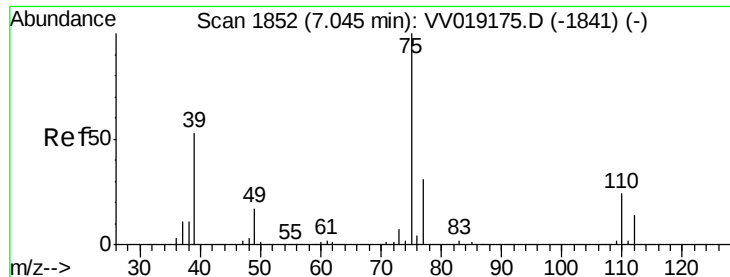
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

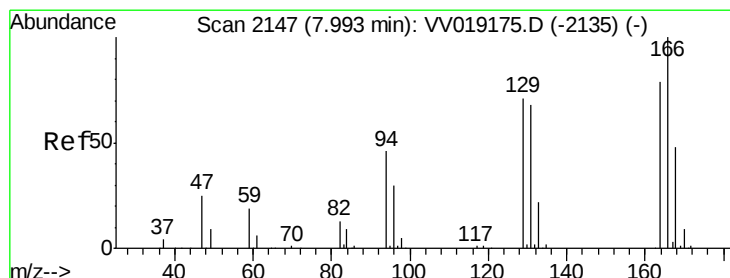
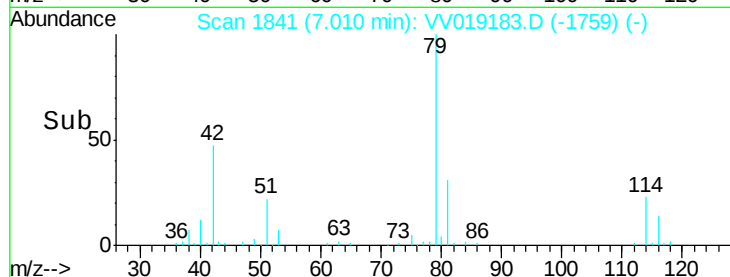
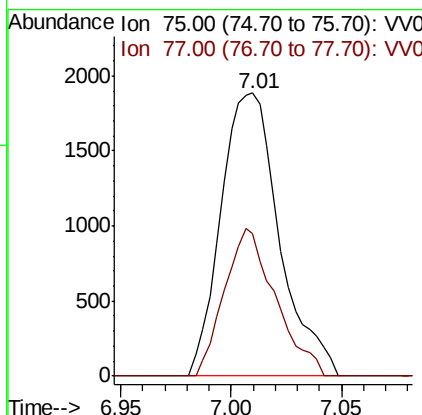
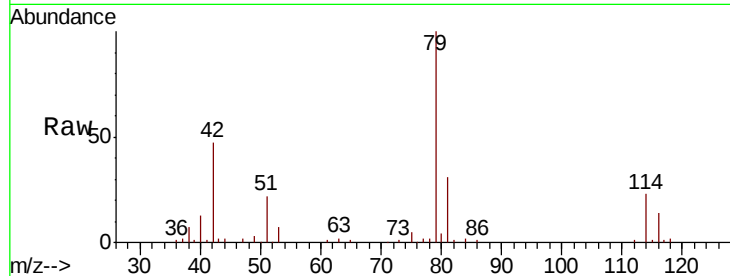




#39
 cis-1,3-Dichloropropene
 Concen: 1.275 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019183.D
 Acq: 30 Oct 2020 14:40

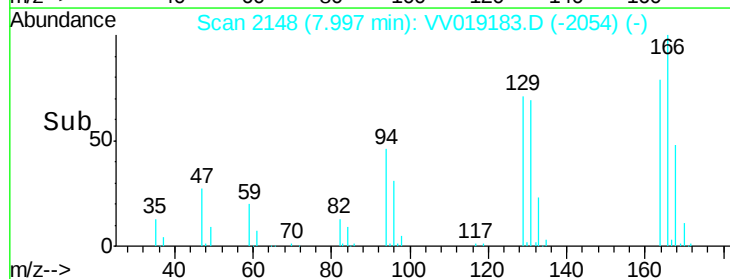
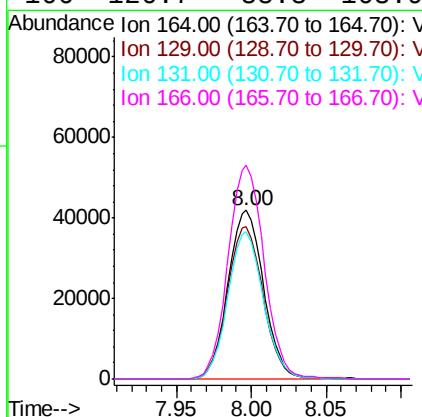
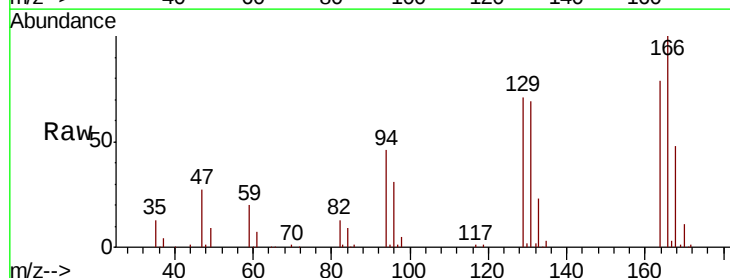
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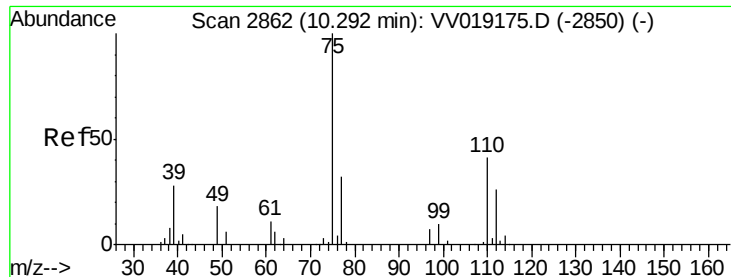
Tot Ion: 75 Resp: 3469
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.7 42.1#



#46
 Tetrachloroethene
 Concen: 44.839 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV019183.D
 Acq: 30 Oct 2020 14:40

Tgt Ion: 164 Resp: 69561
 Ion Ratio Lower Upper
 164 100
 129 90.3 63.2 117.4
 131 87.5 60.3 112.1
 166 126.7 88.3 163.9





#59

1,2,3-Trichloropropane

Concen: 5.775 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019183.D

Acq: 30 Oct 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

BG442MEDL

Tot Ion: 75 Resp: 12434

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.4

