

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019327.D
 Acq On : 10 Nov 2020 16:42
 Operator : SY/MD
 Sample : L4659-06ME 2X
 Misc : 5.40g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:17:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 02:14:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262803	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130217	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103481	49.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.10%
7) Chloroethane-d5	1.58	69	82808	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.08%
11) 1,1-Dichloroethene-d2	2.11	63	157412	39.62	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
21) 2-Butanone-d5	3.92	46	123219	96.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.33%
24) Chloroform-d	4.37	84	173771	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
26) 1,2-Dichloroethane-d4	5.05	65	125188	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
32) Benzene-d6	5.07	84	343154	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
36) 1,2-Dichloropropane-d6	6.09	67	109980	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.78%
41) Toluene-d8	7.33	98	304826	42.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.12%
43) trans-1,3-Dichloropropene-	7.64	79	53890	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.80%
47) 2-Hexanone-d5	8.13	63	85748	88.03	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134788	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	126851	46.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.74%

Target Compounds

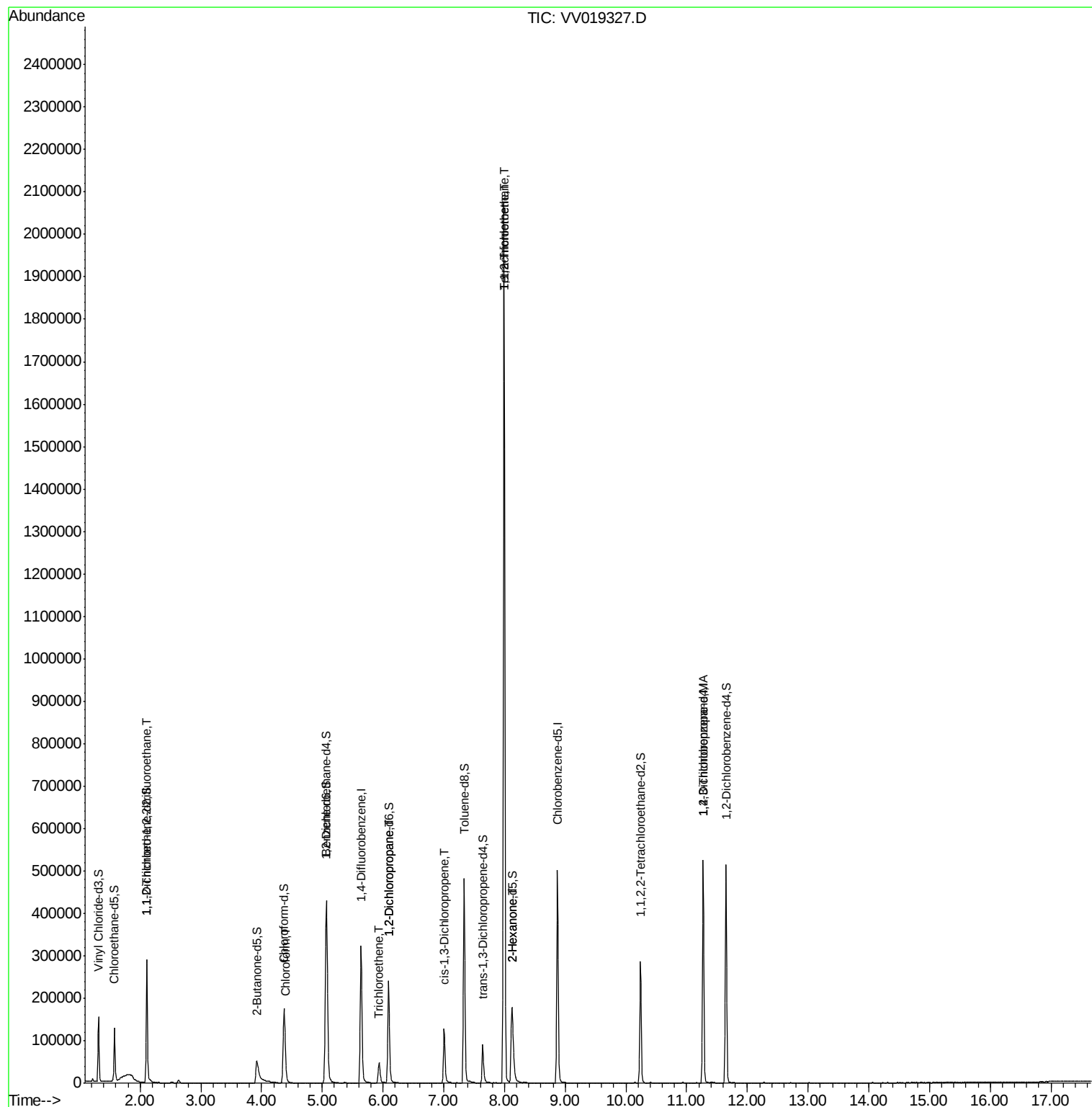
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1534	0.891	ug/L #	17
25) Chloroform	4.40	83	3823	1.049	ug/L	93
34) Trichloroethene	5.94	95	14147	6.735	ug/L	91
37) 1,2-Dichloropropane	6.09	63	13047	6.852	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3322	1.056	ug/L #	64
45) 1,1,2-Trichloroethane	7.99	97	3859	2.021	ug/L #	1
46) Tetrachloroethene	7.99	164	443593	247.314	ug/L	98
48) 2-Hexanone	8.13	43	12377	5.928	ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	16032	6.440	ug/L	92

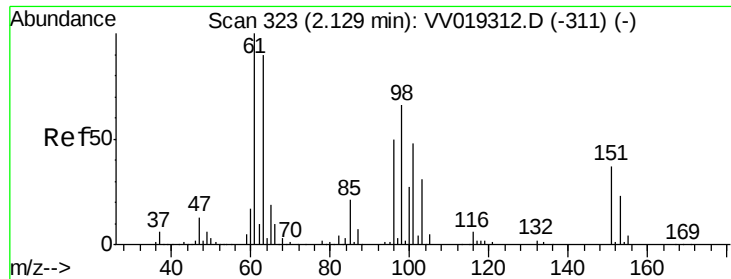
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 11 02:14:49 2020
Response via : Initial Calibration





#10

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

Concen: 0.891 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV019327.D

Acq: 10 Nov 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

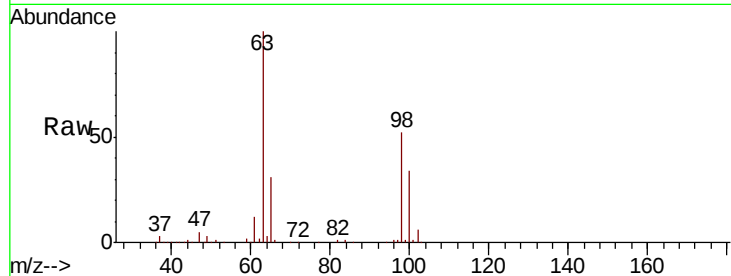
Tot Ion:101 Resp: 1534

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

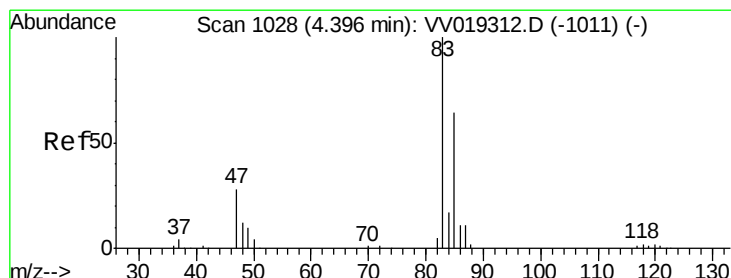
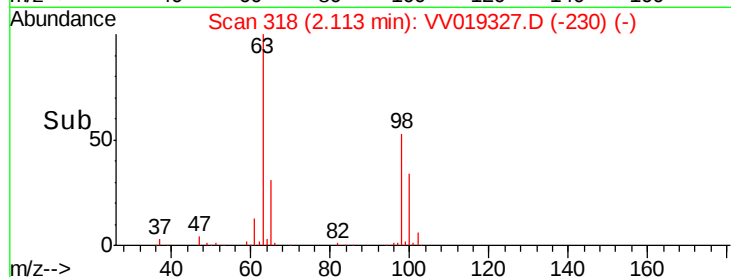
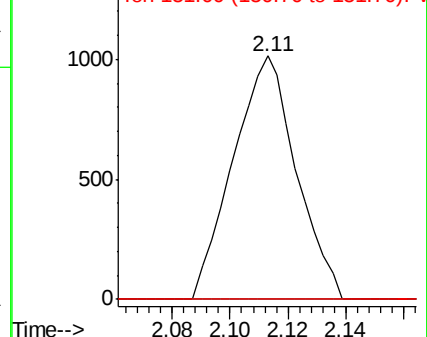
151 0.0 65.0 97.4#



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



#25

Chloroform

Concen: 1.049 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV019327.D

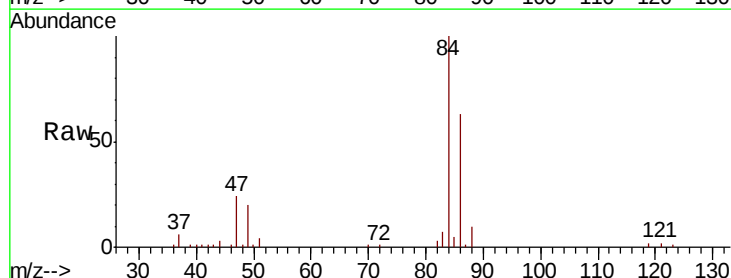
Acq: 10 Nov 2020 16:42

Tgt Ion: 83 Resp: 3823

Ion Ratio Lower Upper

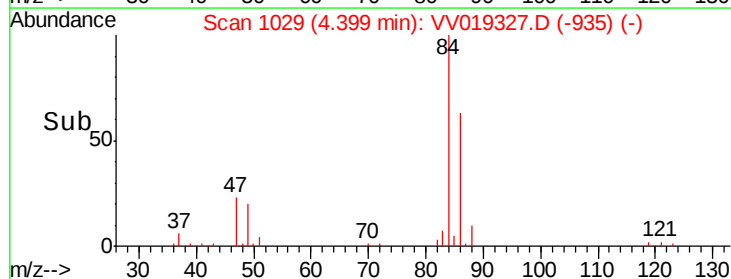
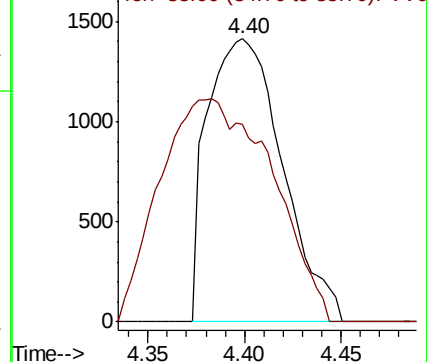
83 100

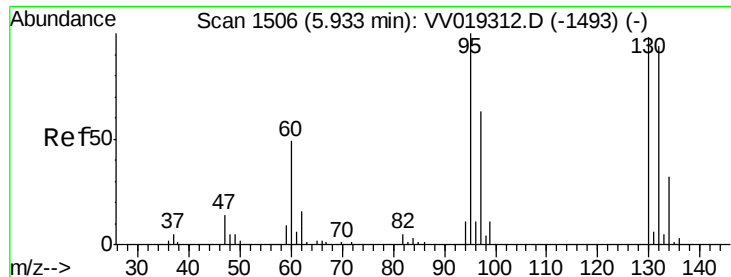
85 70.0 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 6.735 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV019327.D

Acq: 10 Nov 2020 16:42

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 14147

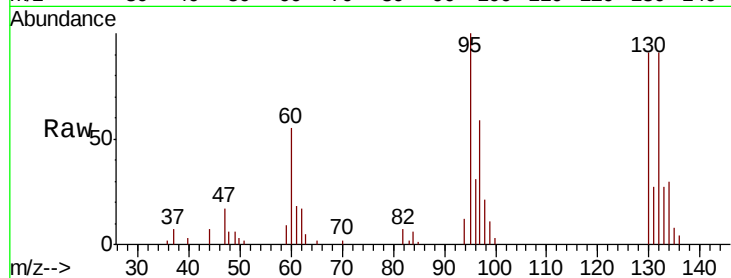
Ion Ratio Lower Upper

95 100

97 58.8 43.4 80.6

132 90.7 69.7 129.4

130 90.7 72.4 134.5



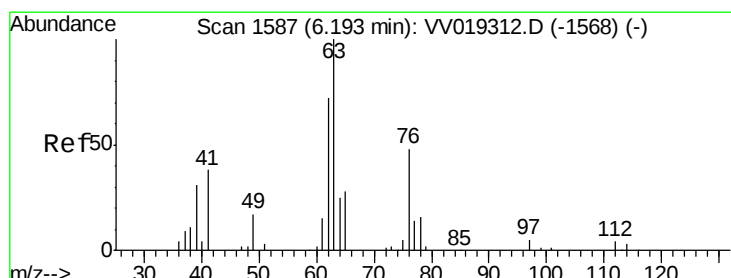
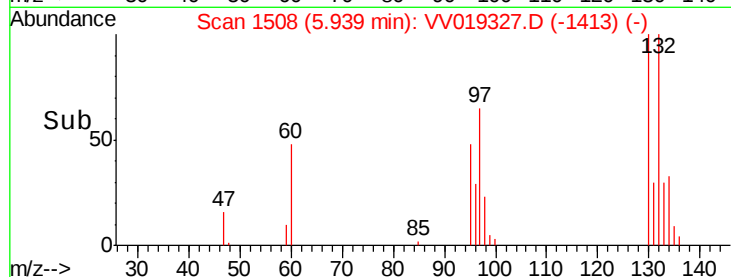
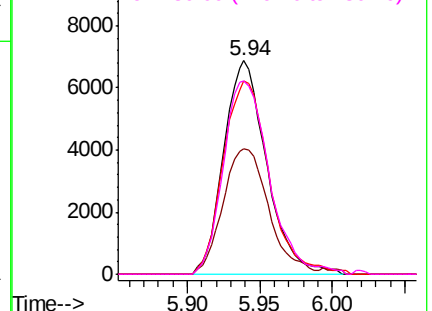
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.852 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV019327.D

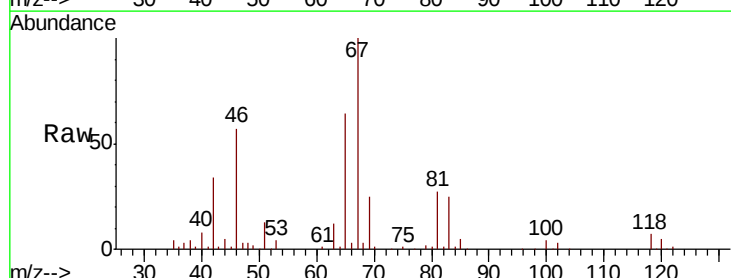
Acq: 10 Nov 2020 16:42

Tgt Ion: 63 Resp: 13047

Ion Ratio Lower Upper

63 100

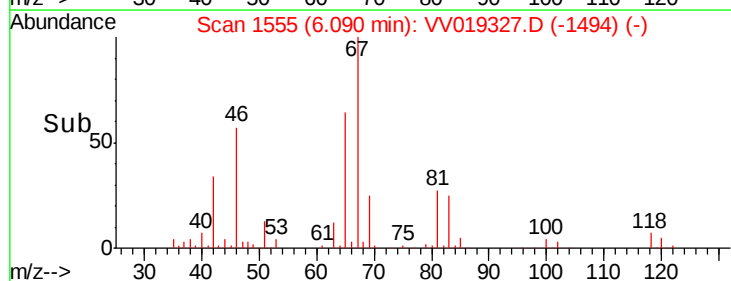
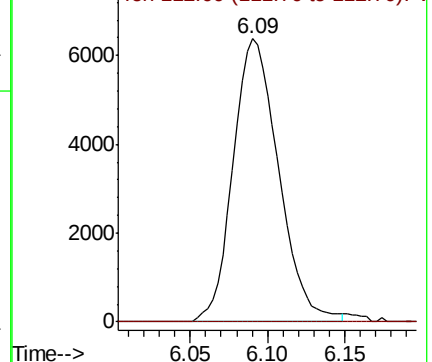
112 0.0 3.8 5.8#

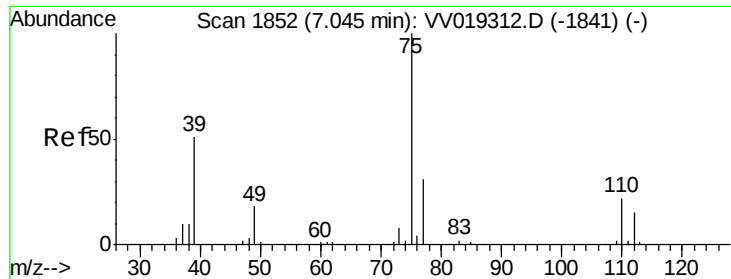


Abundance

Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

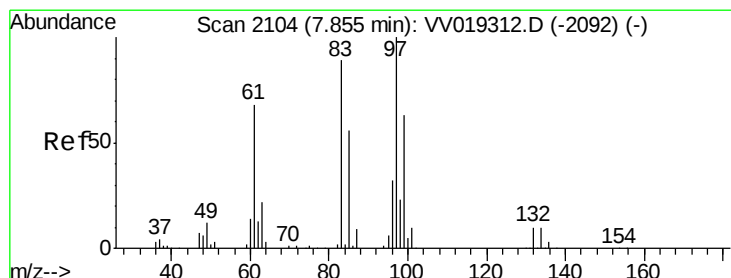
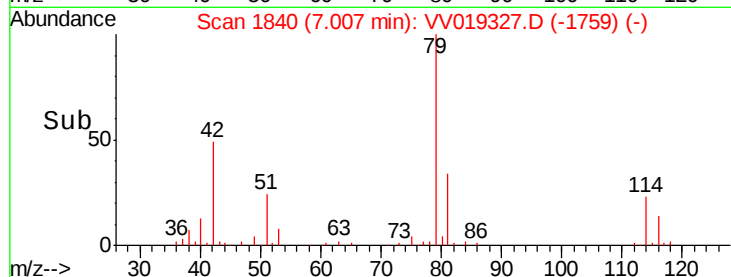
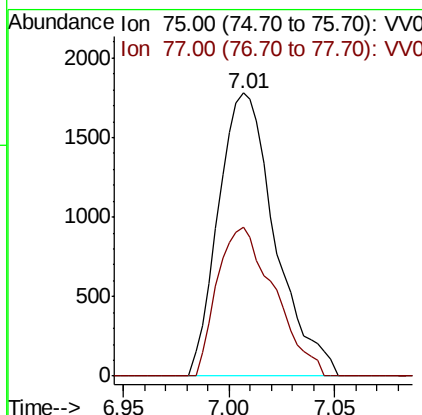
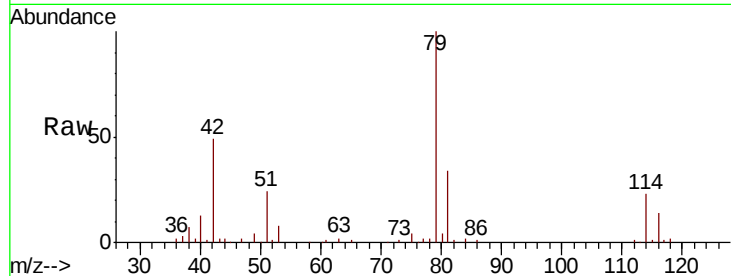




#39
 cis-1,3-Dichloropropene
 Concen: 1.056 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019327.D
 Acq: 10 Nov 2020 16:42

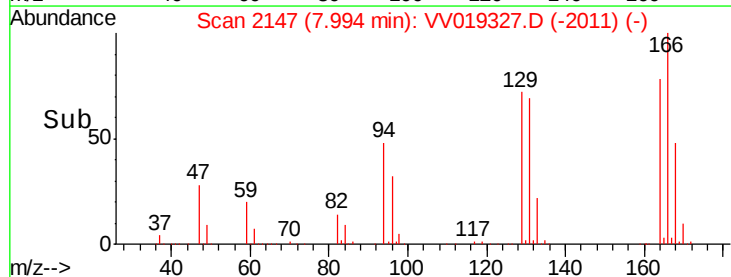
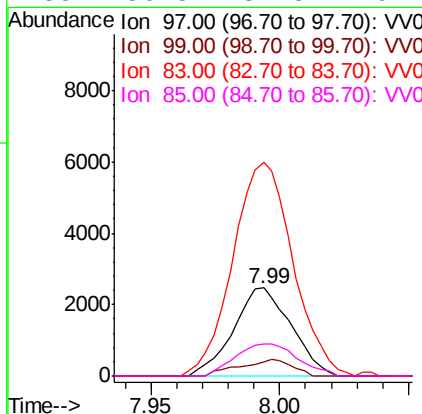
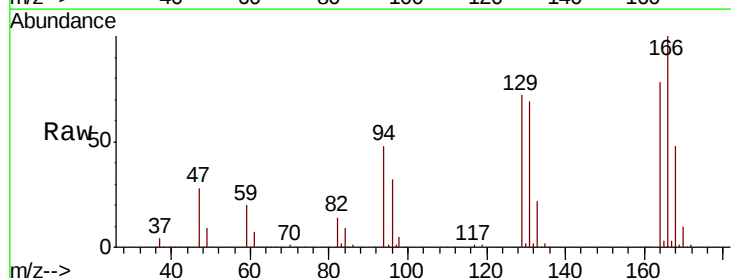
Instrument :
 MSVOA_V
 ClientSampleId :

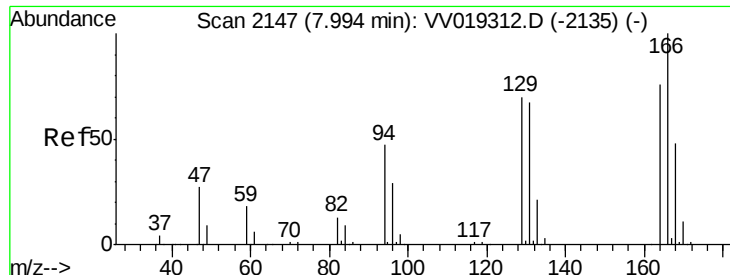
Tot Ion: 75 Resp: 3322
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.7 42.1#



#45
 1,1,2-Trichloroethane
 Concen: 2.021 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.14 min
 Lab File: VV019327.D
 Acq: 10 Nov 2020 16:42

Tgt Ion: 97 Resp: 3859
 Ion Ratio Lower Upper
 97 100
 99 16.6 43.1 80.1#
 83 242.4 58.3 108.3#
 85 36.8 37.8 70.2#

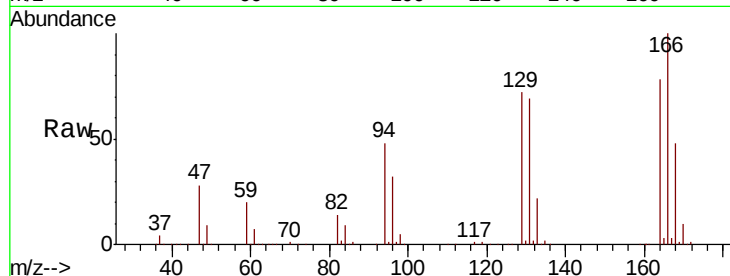




#46
Tetrachloroethene
Concen: 247.314 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV019327.D
Acq: 10 Nov 2020 16:42

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
129	92.2	63.2	117.4
131	89.2	60.3	112.1
166	128.6	88.3	163.9



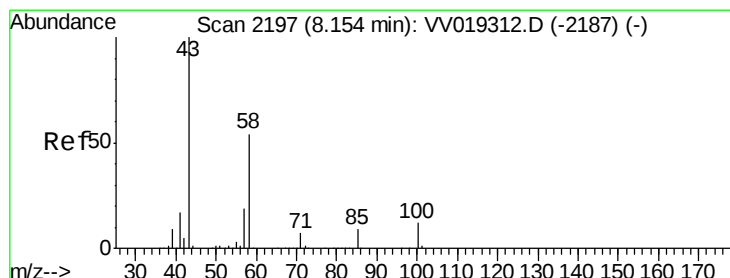
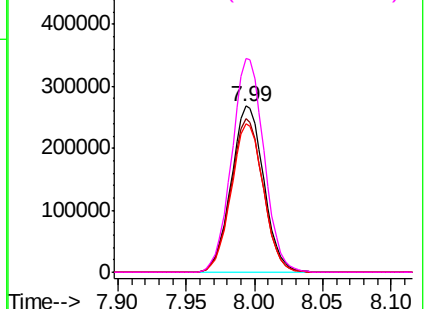
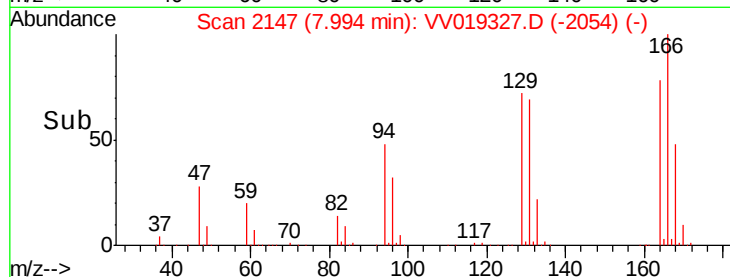
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

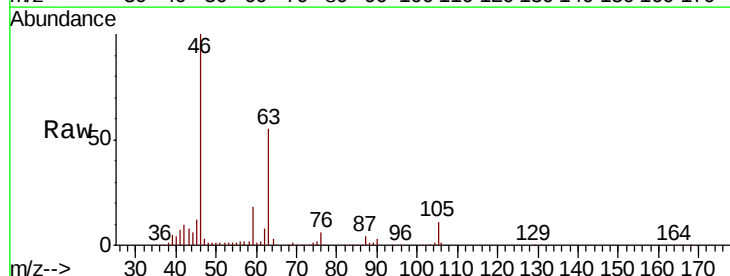
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 5.928 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.03 min
Lab File: VV019327.D
Acq: 10 Nov 2020 16:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.3	43.6	65.4#
57	28.4	16.0	24.0#
100	0.0	10.3	15.5#



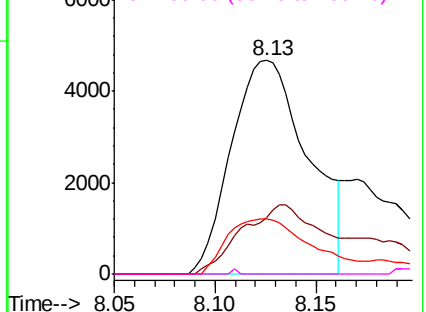
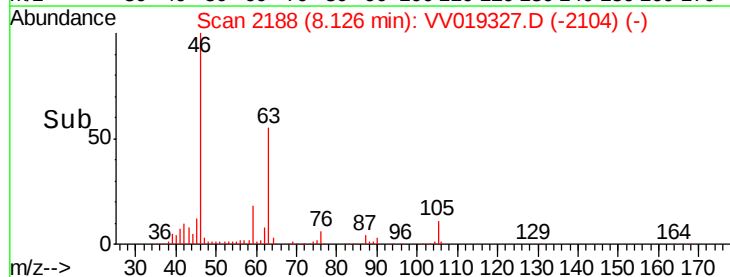
Abundance

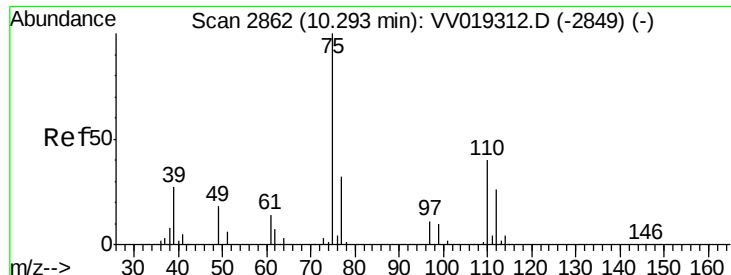
Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.440 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019327.D

Acq: 10 Nov 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16032

Ion Ratio Lower Upper

75 100

77 37.2 26.2 39.4

