

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016269.D
 Acq On : 20 Aug 2020 16:07
 Operator : SY/VA
 Sample : L3767-13
 Misc : 6.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:31:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	316683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103771	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62846	16.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.04%
7) Chloroethane-d5	2.89	69	53630	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
10) 1,1-Dichloroethene-d2	4.02	63	107205	12.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.44%
20) 2-Butanone-d5	7.08	46	39690	38.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.84%
24) Chloroform-d	7.65	84	173075	20.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.48%
26) 1,2-Dichloroethane-d4	8.31	65	90549	20.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.24%
29) Benzene-d6	8.28	84	323759	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.27	67	100072	22.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.28%
37) Toluene-d8	10.32	98	286300	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.88%
38) trans-1,3-Dichloropropene-	10.58	79	40464	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.93	63	33755	43.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82123	22.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	84414	22.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.80%

Target Compounds

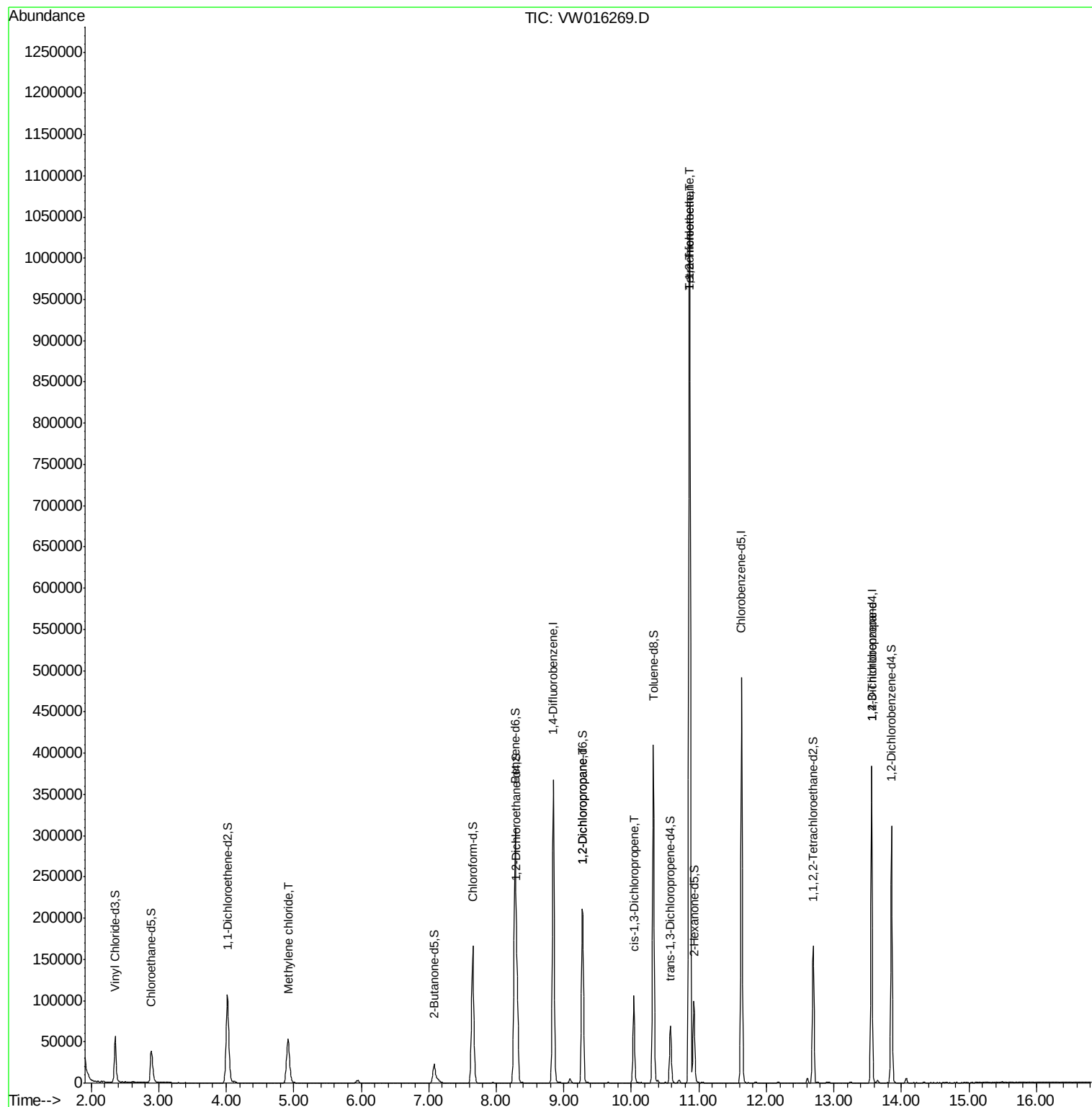
					Ovalue
16) Methylene chloride	4.92	84	44828	8.965 ug/L	97
40) 1,2-Dichloropropane	9.28	63	11001	2.771 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2452	0.406 ug/L #	64
46) 1,1,2-Trichloroethane	10.87	97	2191	0.701 ug/L #	1
47) Tetrachloroethene	10.87	164	251898	77.305 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	11377	4.119 ug/L	91

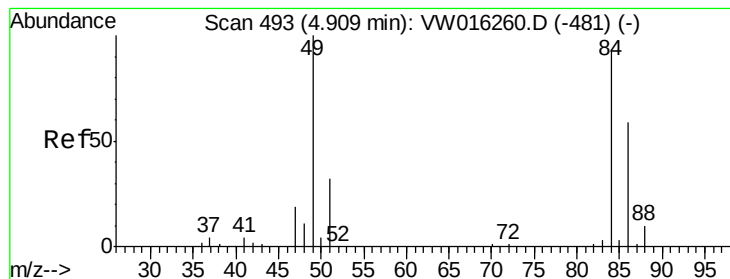
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 21 03:27:50 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 8.965 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW016269.D

Acq: 20 Aug 2020 16:07

Instrument :

MSVOA_W

ClientSampleId :

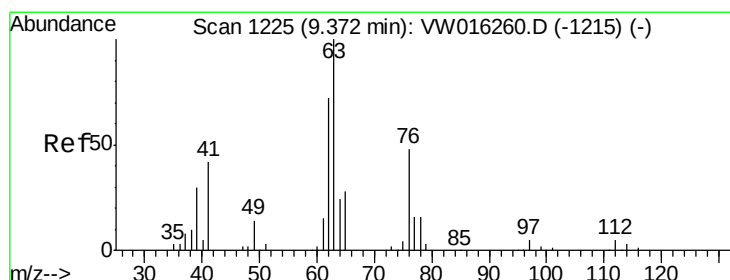
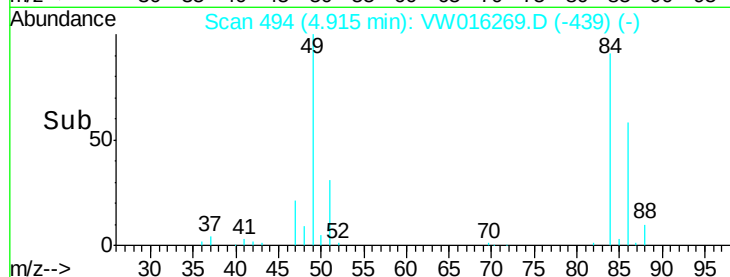
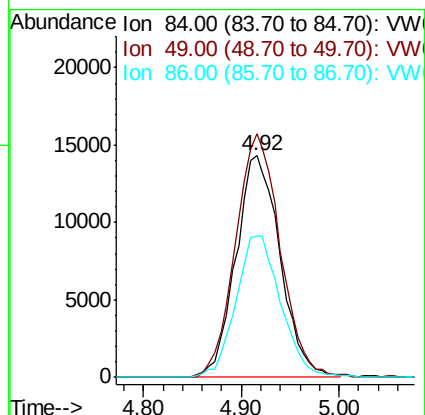
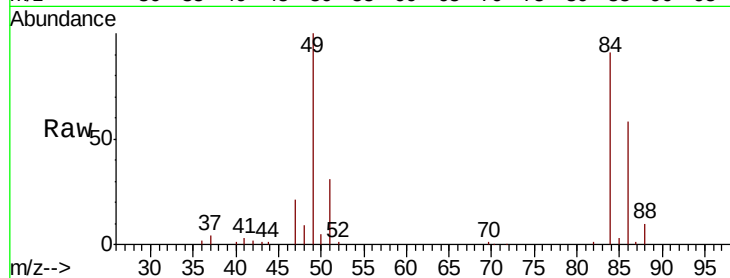
Tot Ion: 84 Resp: 44828

Ion Ratio Lower Upper

84 100

49 109.9 80.4 149.4

86 63.5 43.8 81.3



#40

1,2-Dichloropropane

Concen: 2.771 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016269.D

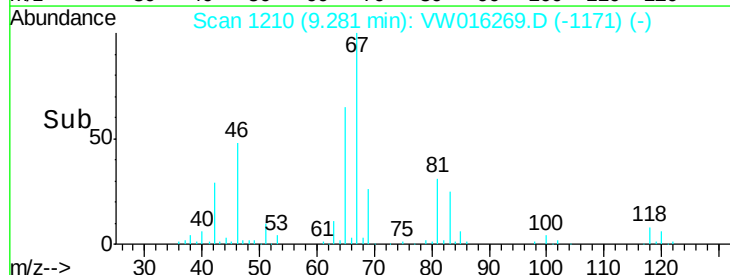
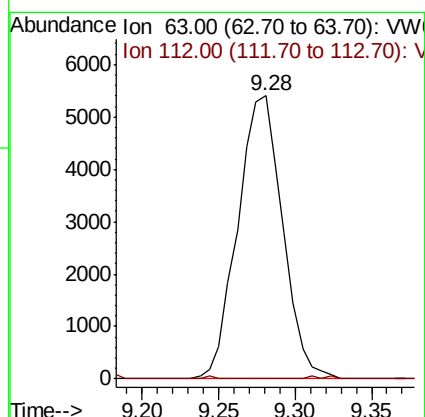
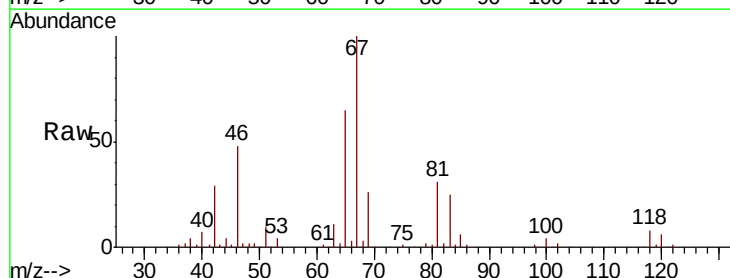
Acq: 20 Aug 2020 16:07

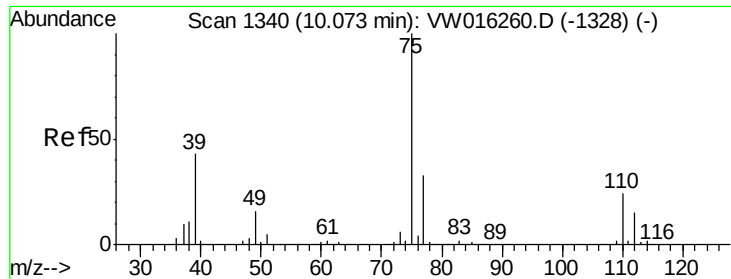
Tgt Ion: 63 Resp: 11001

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016269.D

Acq: 20 Aug 2020 16:07

Instrument :

MSVOA_W

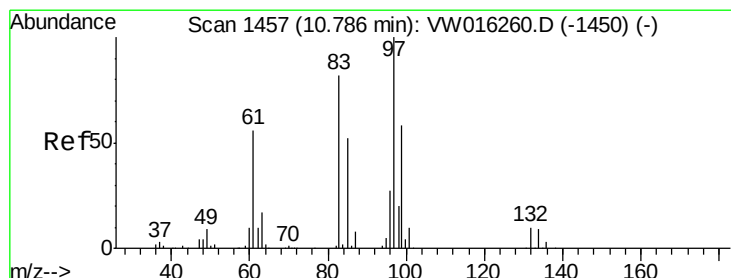
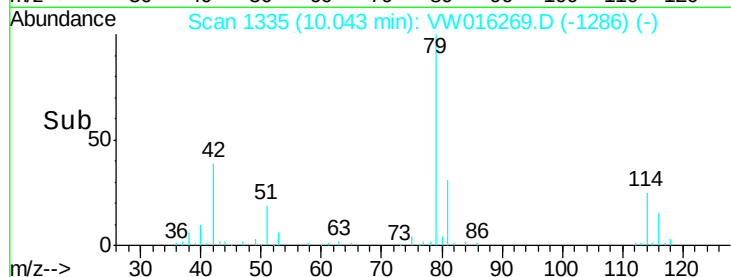
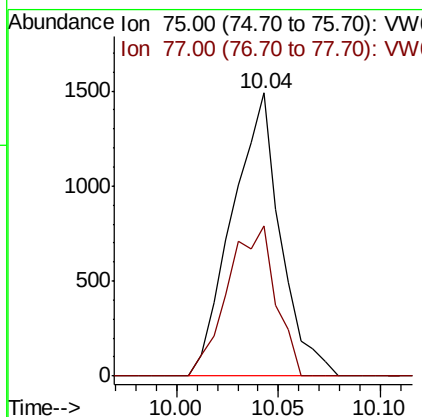
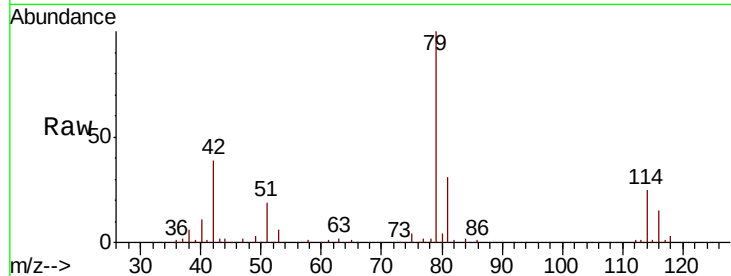
ClientSampled :

Tot Ion: 75 Resp: 2452

Ion Ratio Lower Upper

75 100

77 53.2 22.9 42.5#



#46

1,1,2-Trichloroethane

Concen: 0.701 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.08 min

Lab File: VW016269.D

Acq: 20 Aug 2020 16:07

Tgt Ion: 97 Resp: 2191

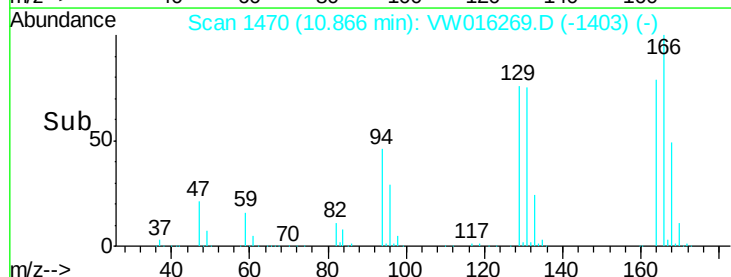
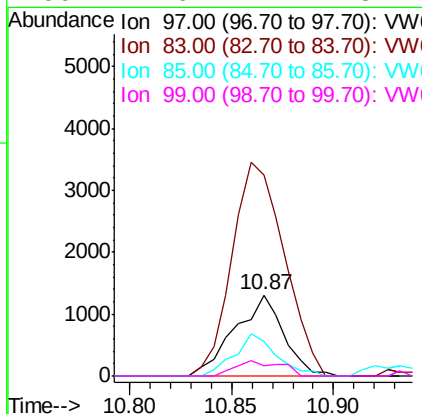
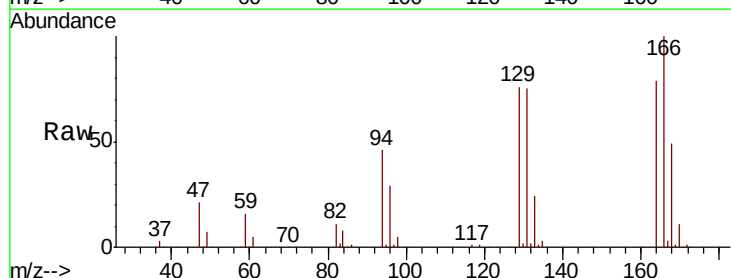
Ion Ratio Lower Upper

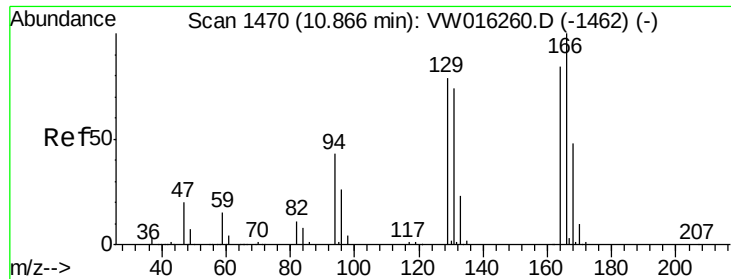
97 100

83 248.1 57.8 107.4#

85 42.6 38.0 70.6

99 12.6 44.4 82.4#

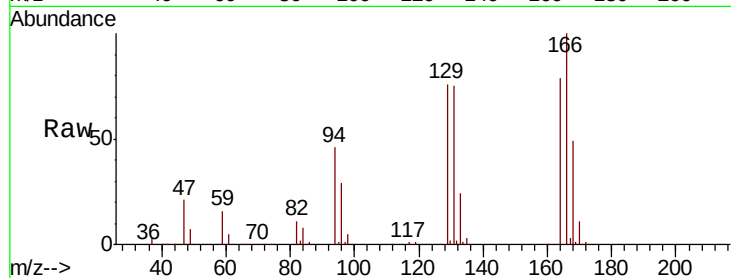




#47
Tetrachloroethene
Concen: 77.305 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016269.D
Acq: 20 Aug 2020 16:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
129	96.9	71.5	132.9
131	94.8	65.4	121.4
166	127.3	86.9	161.5



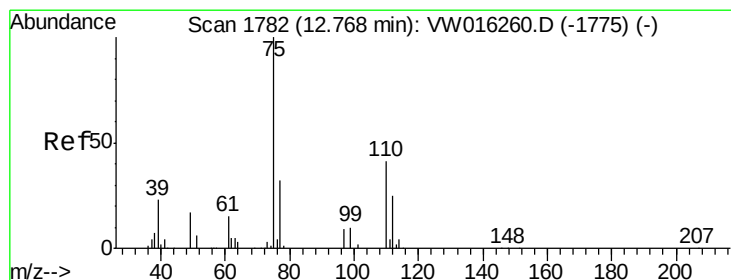
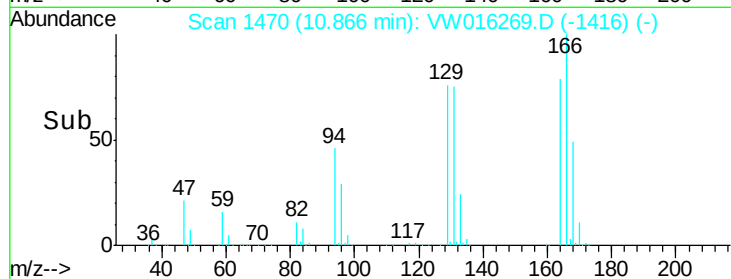
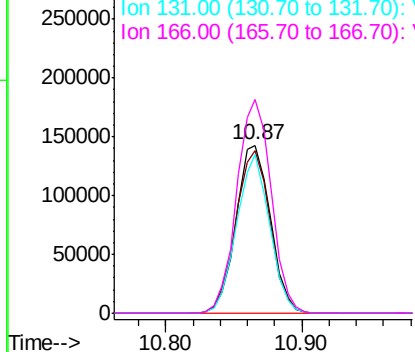
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

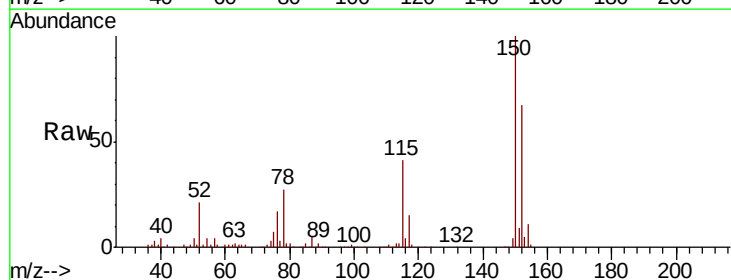
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 4.119 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016269.D
Acq: 20 Aug 2020 16:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.9	38.9



Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

