

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016375.D
 Acq On : 26 Aug 2020 18:21
 Operator : SY/VA
 Sample : L3800-05
 Misc : 6.42G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H5

Manual Integrations
 APPROVED

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 8/28/2020 9:35:34 AM

Quant Time: Aug 27 04:36:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	6666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	5276	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	731	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1684	23.66	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
7) Chloroethane-d5	2.89	69	1842	34.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.36%
10) 1,1-Dichloroethene-d2	4.03	63	3017m	17.85	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.40%
20) 2-Butanone-d5	7.09	46	632	31.22	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.44%
24) Chloroform-d	7.65	84	4582	26.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.48%
26) 1,2-Dichloroethane-d4	8.31	65	2356	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.24%
29) Benzene-d6	8.27	84	7711	26.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.72%
33) 1,2-Dichloropropane-d6	9.28	67	2295	28.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.64%
37) Toluene-d8	10.32	98	6137	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.36%
38) trans-1,3-Dichloropropene-	10.59	79	685	17.41	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.64%
39) 2-Hexanone-d5	10.93	63	370	28.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.66%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	1636	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	764	27.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	3244	41.649	ug/L	97
16) Methylene chloride	4.92	84	837m	6.792	ug/L	
22) cis-1,2-Dichloroethene	7.18	96	41167	421.079	ug/L	97
35) Trichloroethene	9.10	95	23630	275.775	ug/L	97
47) Tetrachloroethene	10.87	164	238999	3537.121	ug/L	99

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

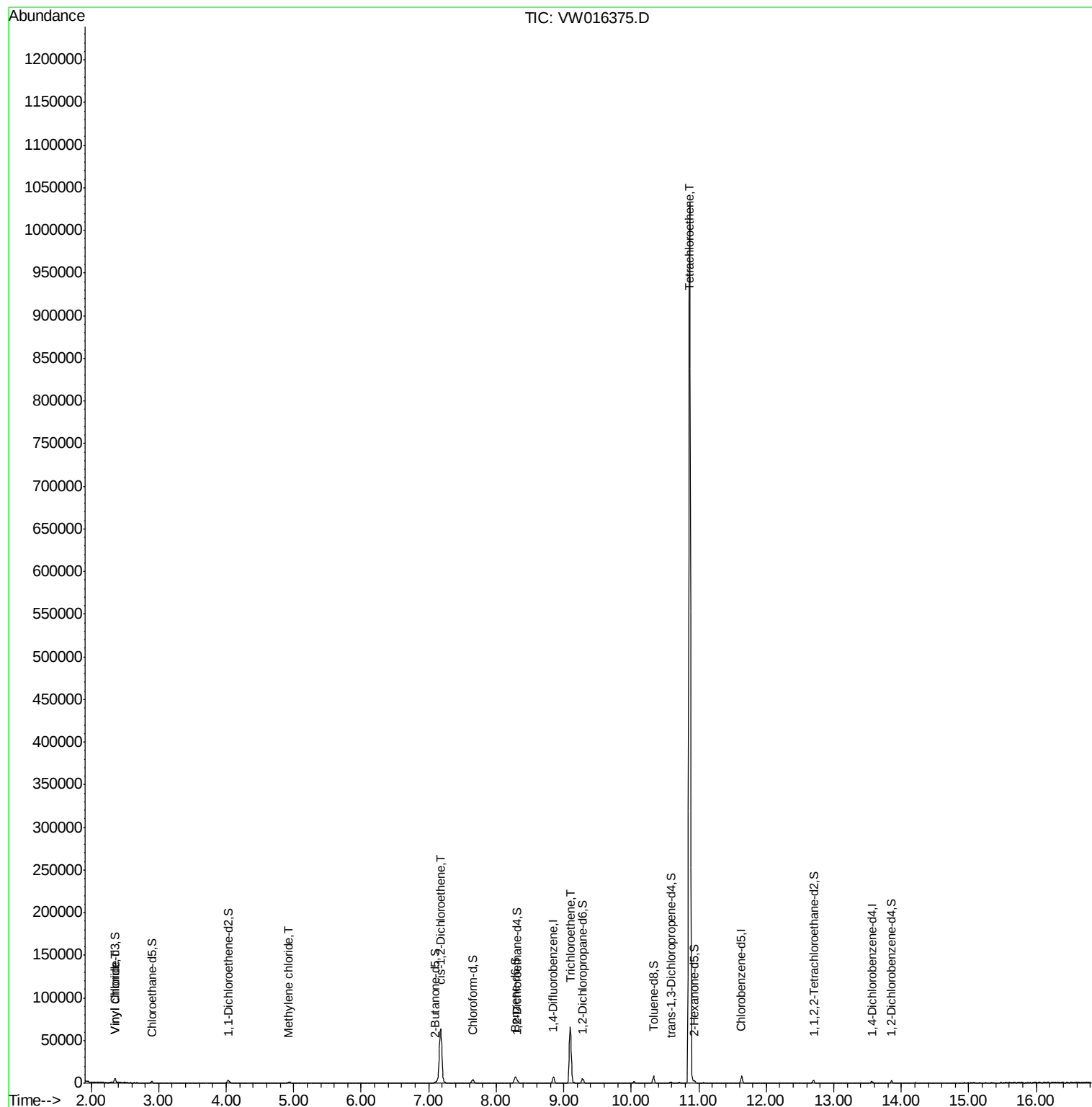
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082620\
Data File : VW016375.D
Acq On : 26 Aug 2020 18:21
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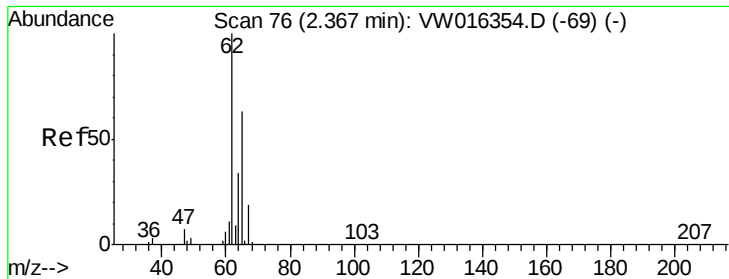
Instrument :
MSVOA_W
ClientSampleId :
BG3H5

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Quant Time: Aug 27 04:36:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 41.649 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW016375.D

Acq: 26 Aug 2020 18:21

Instrument :

MSVOA_W

ClientSampled :

BG3H5

Tot Ion: 62 Resp: 3244

Ion Ratio Lower Upper

62 100

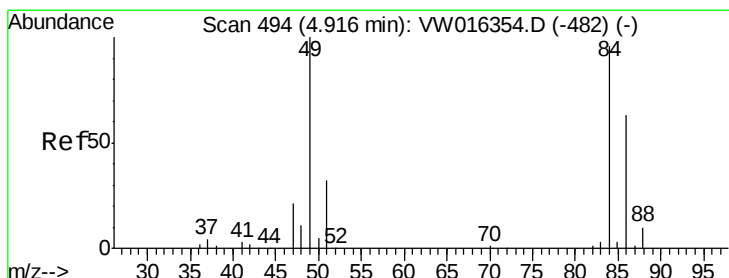
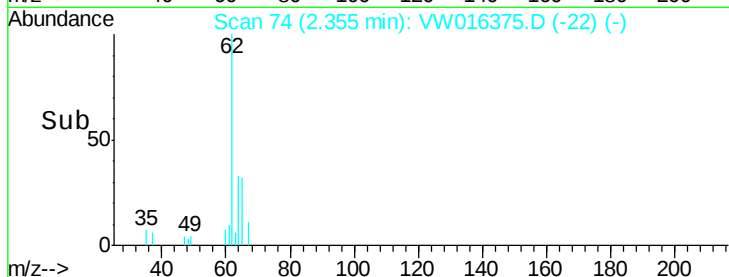
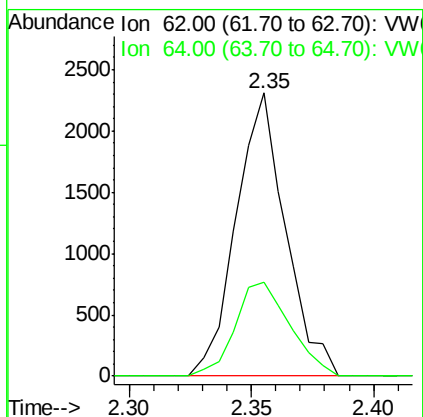
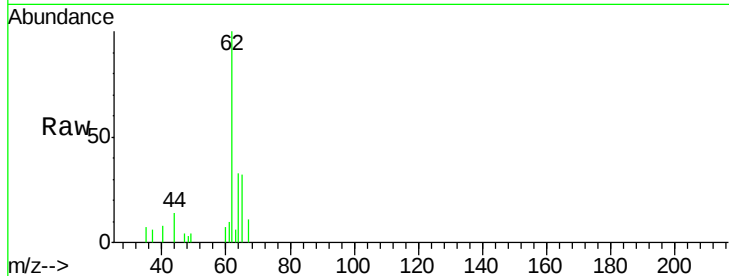
64 33.3 22.0 41.0

Manual Integrations

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#16

Methylene chloride

Concen: 6.792 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016375.D

Acq: 26 Aug 2020 18:21

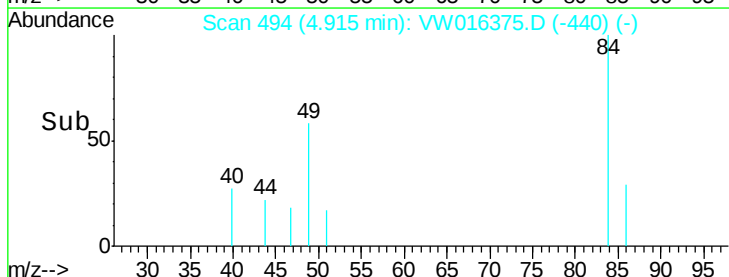
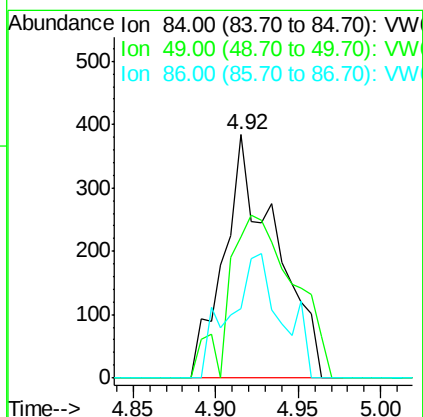
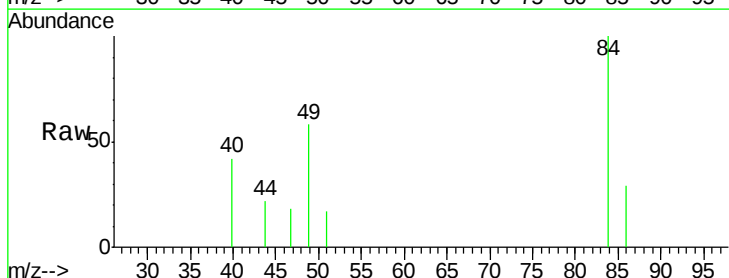
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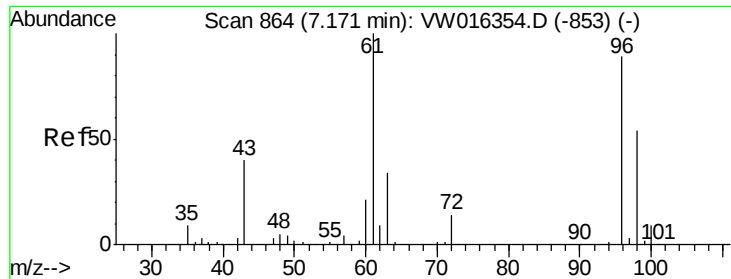
Ion Ratio Lower Upper

84 100

49 57.8 75.3 139.9#

86 28.6 43.3 80.3#





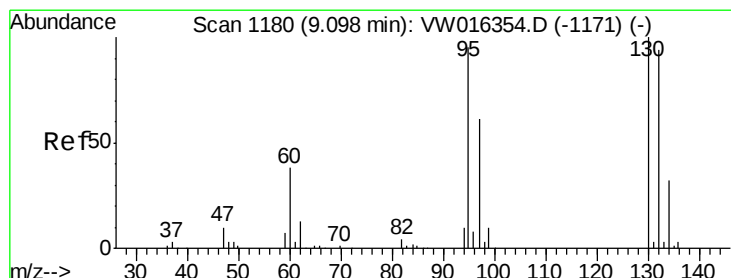
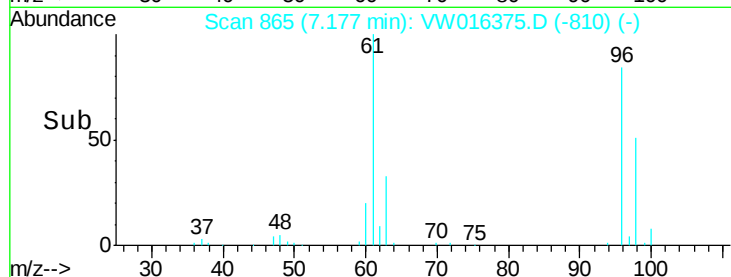
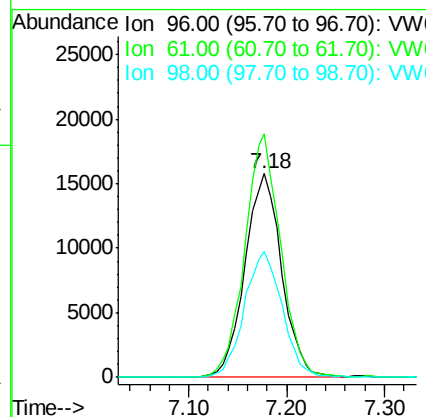
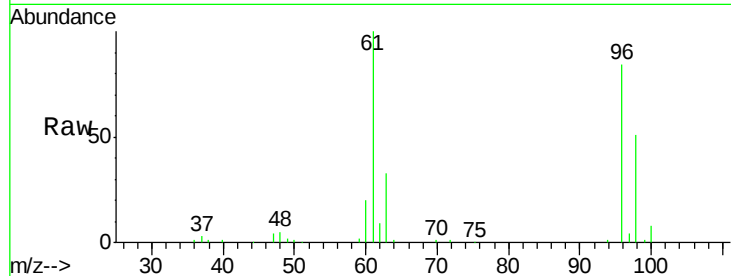
#22
 cis-1,2-Dichloroethene
 Concen: 421.079 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW016375.D
 Acq: 26 Aug 2020 18:21

Instrument :
 MSVOA_W
 ClientSampled :
 BG3H5

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.6	84.9	157.7
98	61.6	46.8	86.8

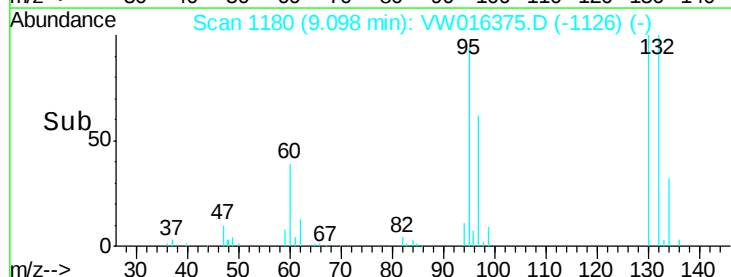
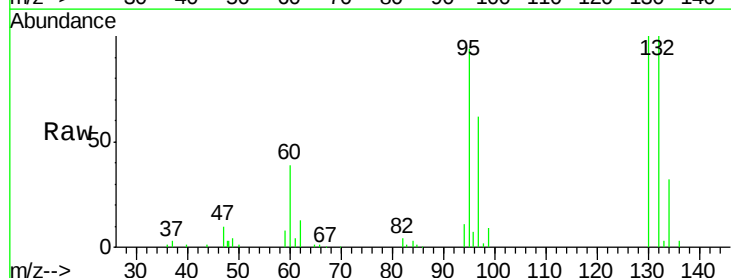
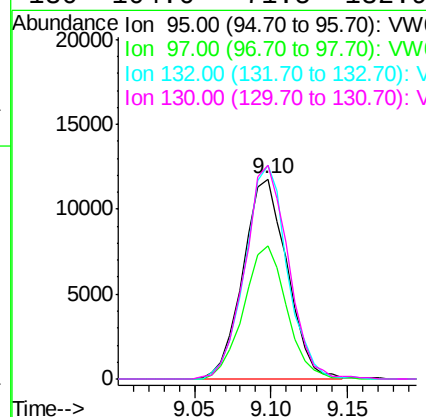
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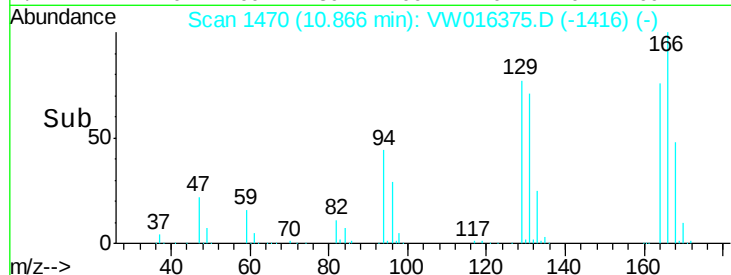
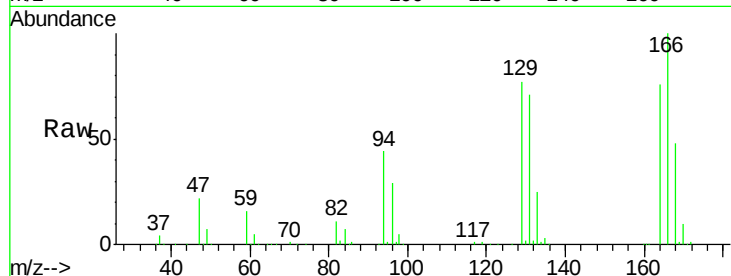
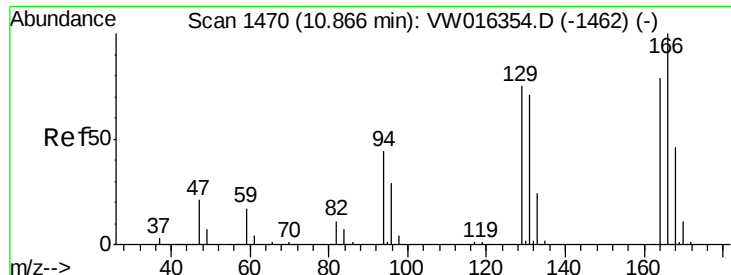
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#35
 Trichloroethene
 Concen: 275.775 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW016375.D
 Acq: 26 Aug 2020 18:21

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.9	83.5
132	102.1	68.2	126.6
130	104.6	71.5	132.9





#47
Tetrachloroethene
Concen: 3537.121 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	101.9	71.5	132.7
131	92.8	67.4	125.2
166	131.6	92.5	171.9

Manual Integrations
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