

Data File : VW017439.D
Acq On : 21 Nov 2020 00:36
Operator : SY/VA
Sample : L4819-18
Misc : 5.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB7

Quant Time: Nov 21 02:29:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412349	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349154	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146727	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110363	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	2.89	69	99225	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
10) 1,1-Dichloroethene-d2	4.02	63	158276	14.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.28%
20) 2-Butanone-d5	7.07	46	45869	45.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.50%
24) Chloroform-d	7.65	84	249206	23.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	8.31	65	129221	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.76%
29) Benzene-d6	8.27	84	476497	24.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.84%
33) 1,2-Dichloropropane-d6	9.27	67	134285	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	10.32	98	438820	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.72%
38) trans-1,3-Dichloropropene-	10.58	79	52462	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	35825	50.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104670	26.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	133891	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

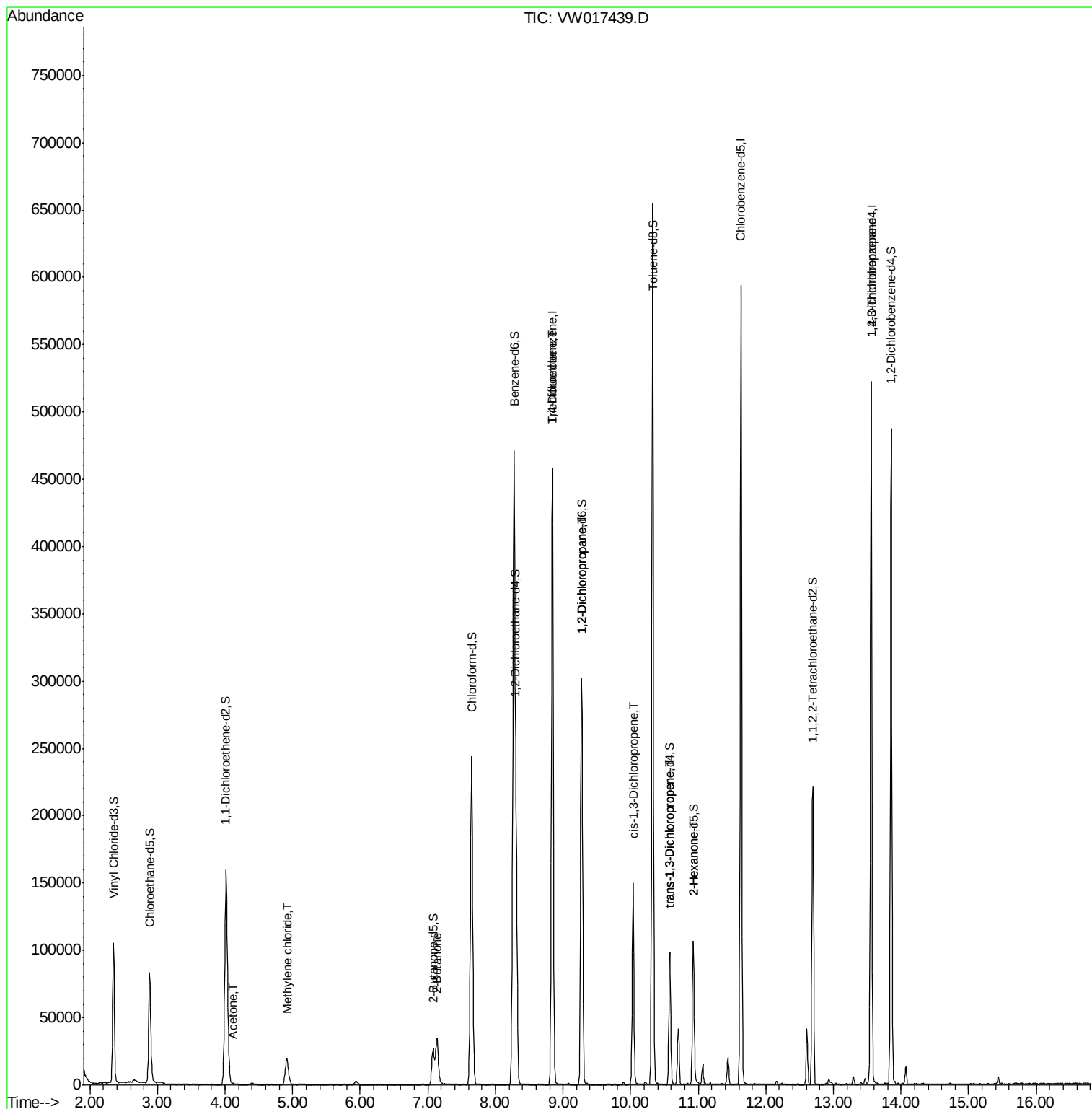
					Qvalue
13) Acetone	4.12	43	321	0.439 ug/L	78
16) Methylene chloride	4.92	84	16762	2.377 ug/L	95
21) 2-Butanone	7.13	43	1256	1.120 ug/L #	60
35) Trichloroethene	8.84	95	11646	2.087 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16454	3.688 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4392	0.634 ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	2746	0.468 ug/L	87
49) 2-Hexanone	10.93	43	4611	3.460 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	15403	5.602 ug/L	93

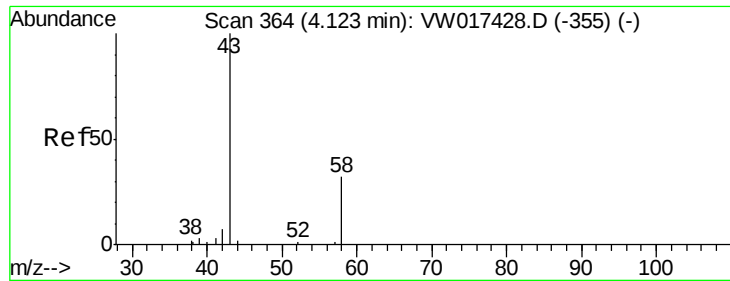
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.439 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

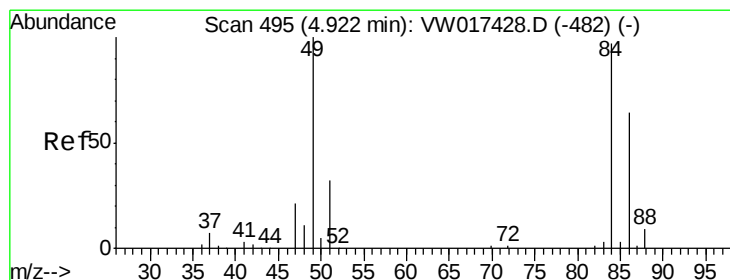
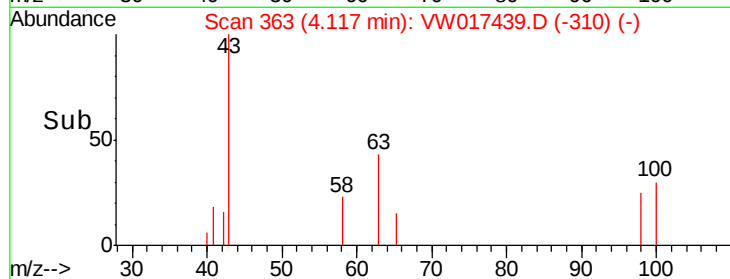
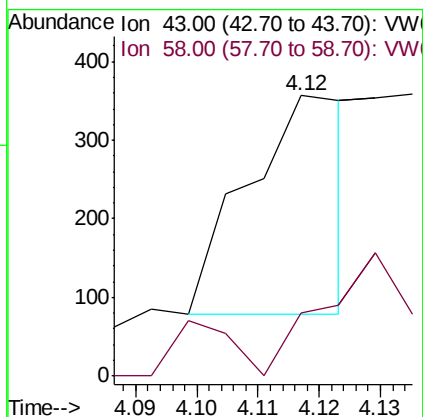
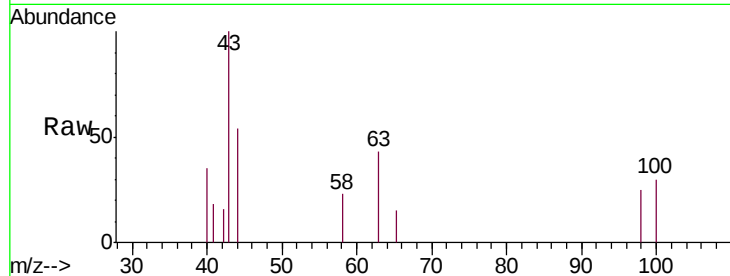
C0BB7

Tgt Ion: 43 Resp: 321

Ion Ratio Lower Upper

43 100

58 46.1 0.0 67.0



#16

Methylene chloride

Concen: 2.377 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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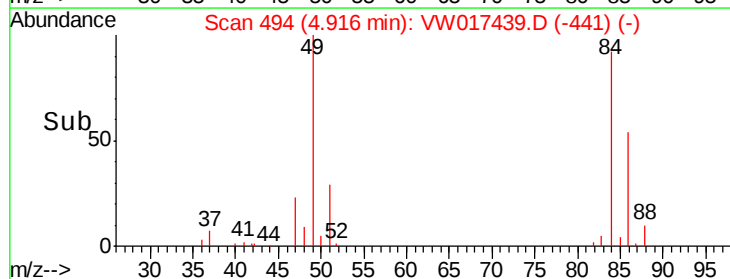
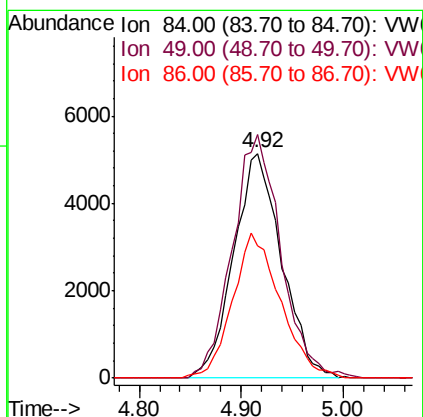
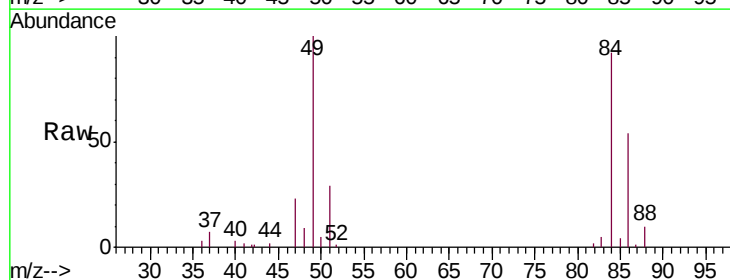
Tgt Ion: 84 Resp: 16762

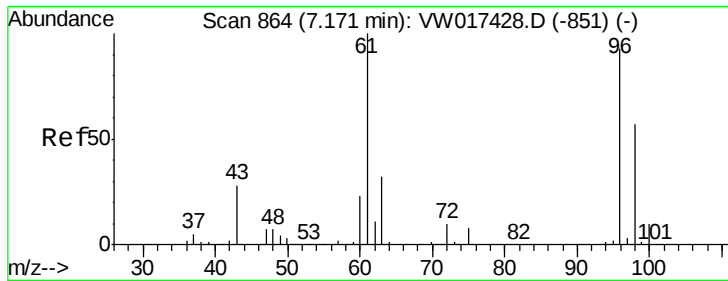
Ion Ratio Lower Upper

84 100

49 108.3 71.5 132.9

86 58.9 42.8 79.4





#21

2-Butanone

Concen: 1.120 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017439.D

Acq: 21 Nov 2020 00:36

Instrument :

MSVOA_W

ClientSampleId :

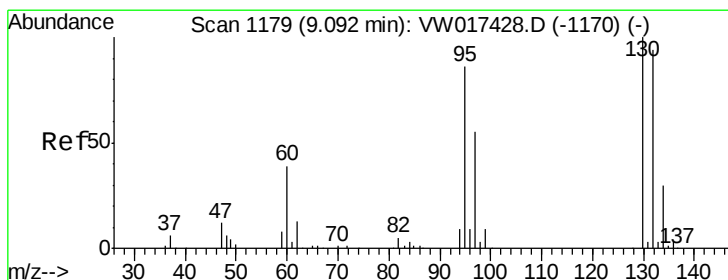
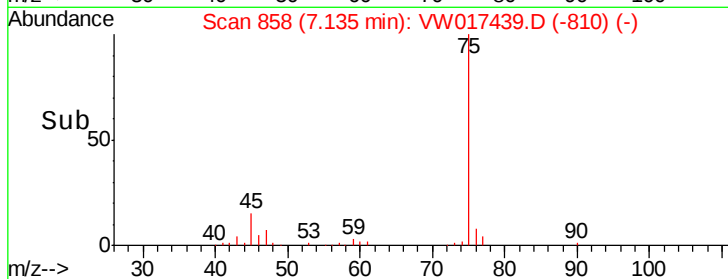
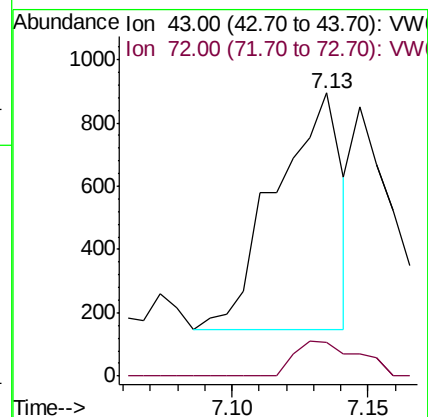
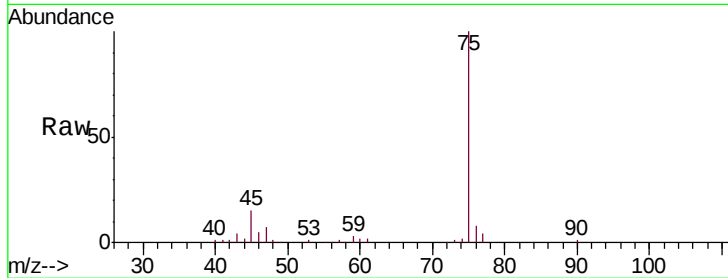
C0BB7

Tgt Ion: 43 Resp: 1256

Ion Ratio Lower Upper

43 100

72 10.4 16.4 49.1#



#35

Trichloroethene

Concen: 2.087 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017439.D

Acq: 21 Nov 2020 00:36

Tgt Ion: 95 Resp: 11646

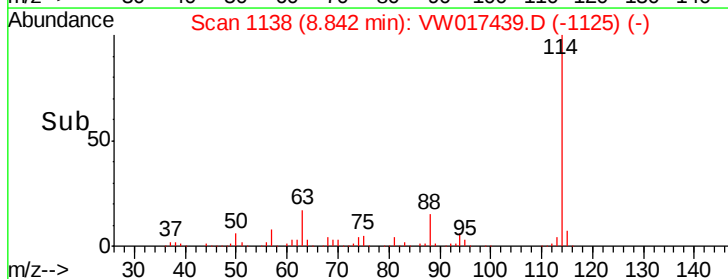
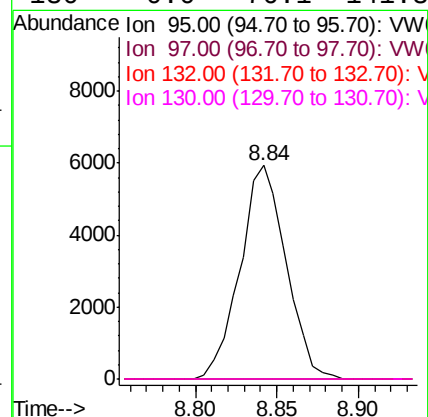
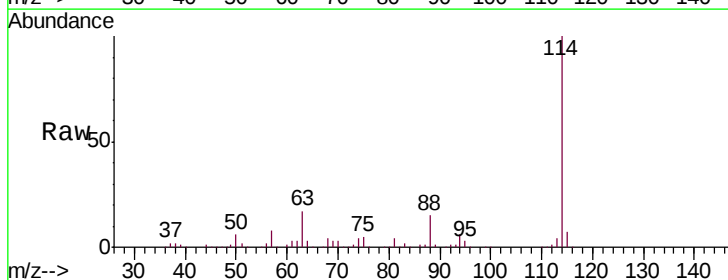
Ion Ratio Lower Upper

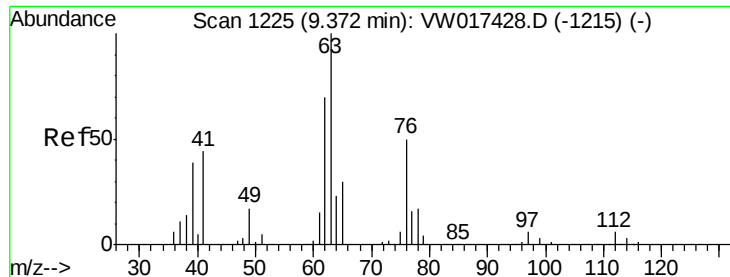
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

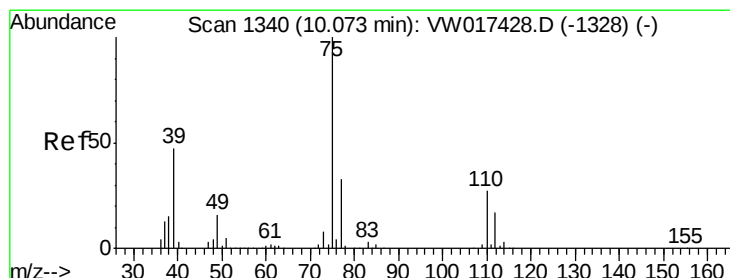
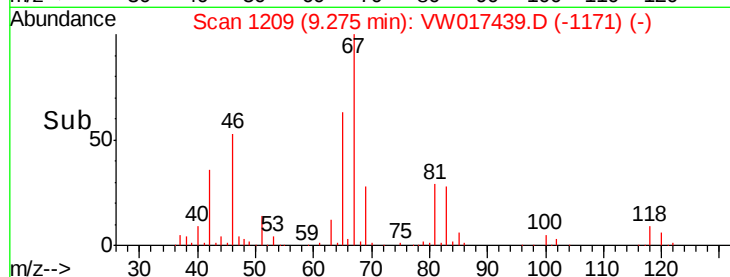
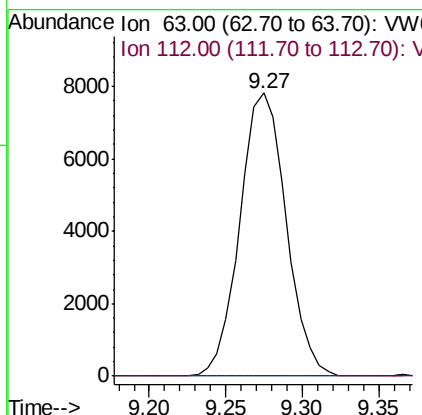
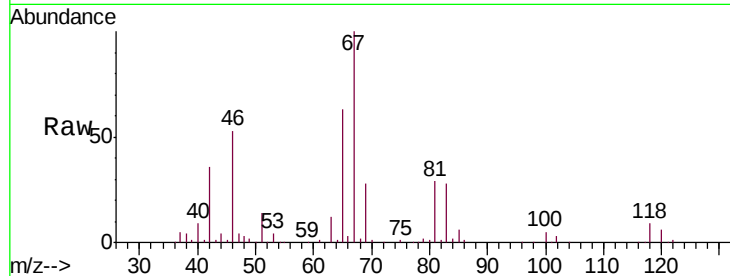




#40
 1,2-Dichloropropane
 Concen: 3.688 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017439.D
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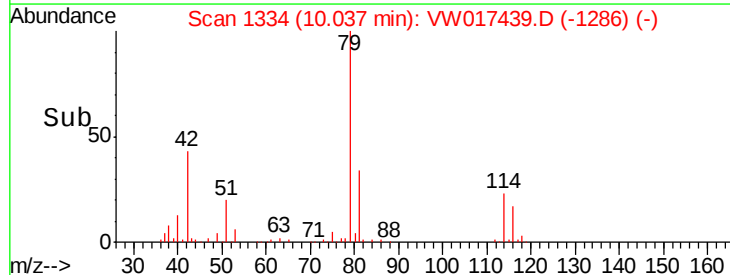
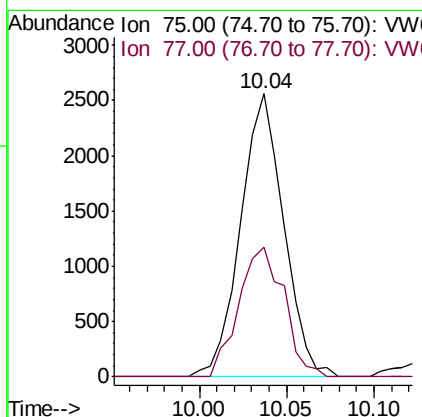
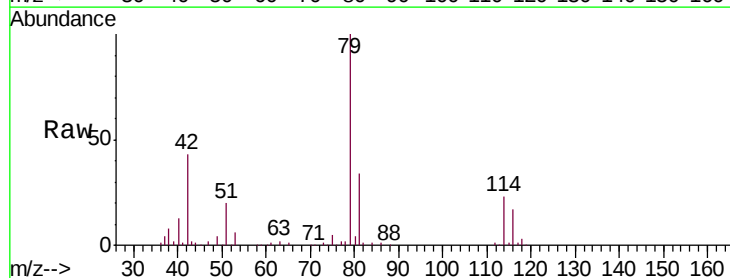
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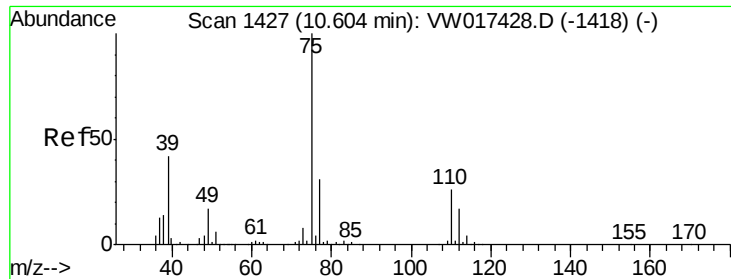
Tgt Ion: 63 Resp: 16454
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.634 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017439.D
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Tgt Ion: 75 Resp: 4392
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.8 40.4#

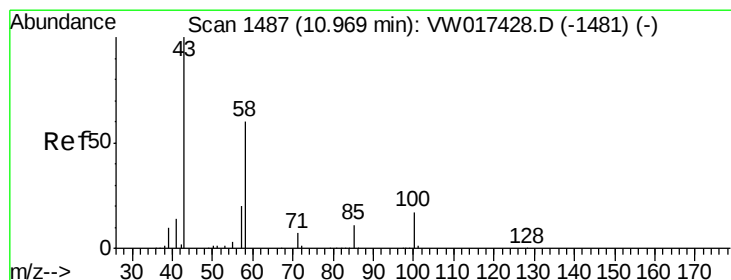
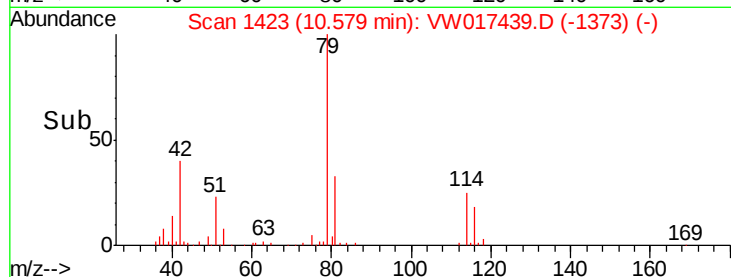
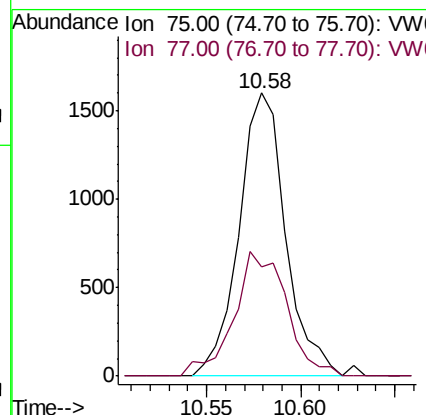
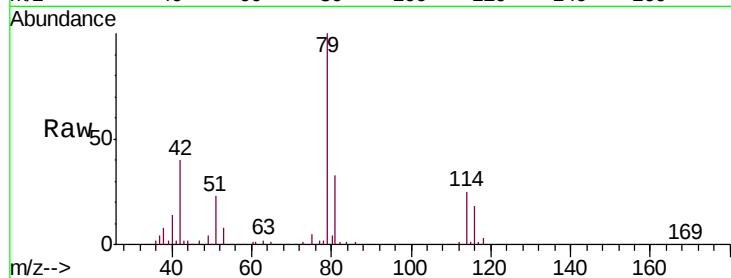




#45
trans-1,3-Dichloropropene
Concen: 0.468 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017439.D
Acq: 21 Nov 2020 00:36

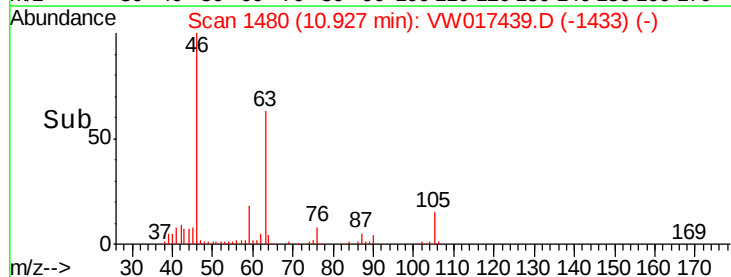
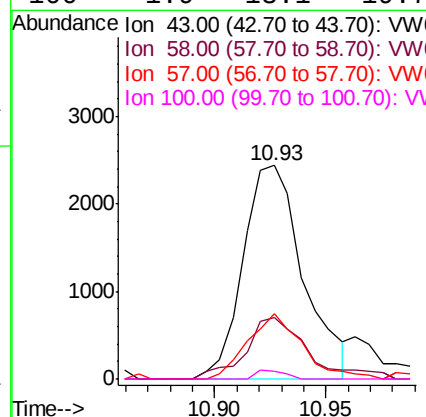
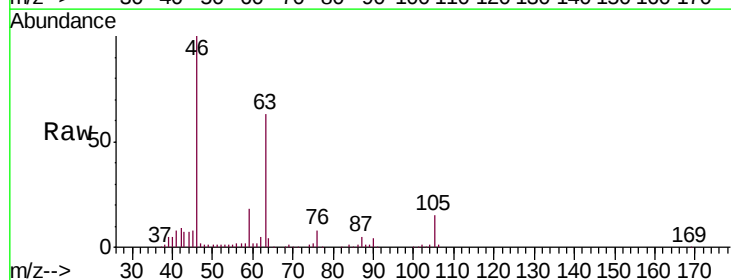
Instrument :
MSVOA_W
ClientSampleId :
C0BB7

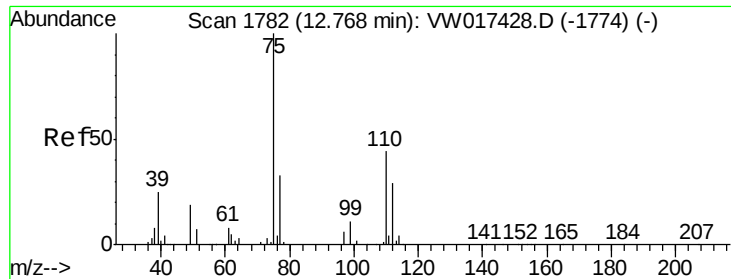
Tgt Ion: 75 Resp: 2746
Ion Ratio Lower Upper
75 100
77 38.8 22.0 40.8



#49
2-Hexanone
Concen: 3.460 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017439.D
Acq: 21 Nov 2020 00:36

Tgt Ion: 43 Resp: 4611
Ion Ratio Lower Upper
43 100
58 27.4 49.4 74.0#
57 28.1 17.0 25.4#
100 1.9 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 5.602 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017439.D

Acq: 21 Nov 2020 00:36

Instrument :

MSVOA_W

ClientSampleId :

C0BB7

Tgt Ion: 75 Resp: 15403

Ion Ratio Lower Upper

75 100

77 37.0 26.6 40.0

