

Data File : VW017369.D
Acq On : 19 Nov 2020 14:12
Operator : SY/VA
Sample : L4793-03
Misc : 6.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA3

Quant Time: Nov 20 01:20:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	398095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	361260	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160200	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129803	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
7) Chloroethane-d5	2.89	69	102260	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	4.02	63	164595	15.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.84%
20) 2-Butanone-d5	7.08	46	33315	34.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.84%
24) Chloroform-d	7.65	84	219169	20.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	8.31	65	101974	20.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.72%
29) Benzene-d6	8.27	84	433804	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	9.27	67	116572	21.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.96%
37) Toluene-d8	10.32	98	405241	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.56%
38) trans-1,3-Dichloropropene-	10.58	79	45212	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	10.93	63	25426	34.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78867	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	130030	21.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.96%

Target Compounds

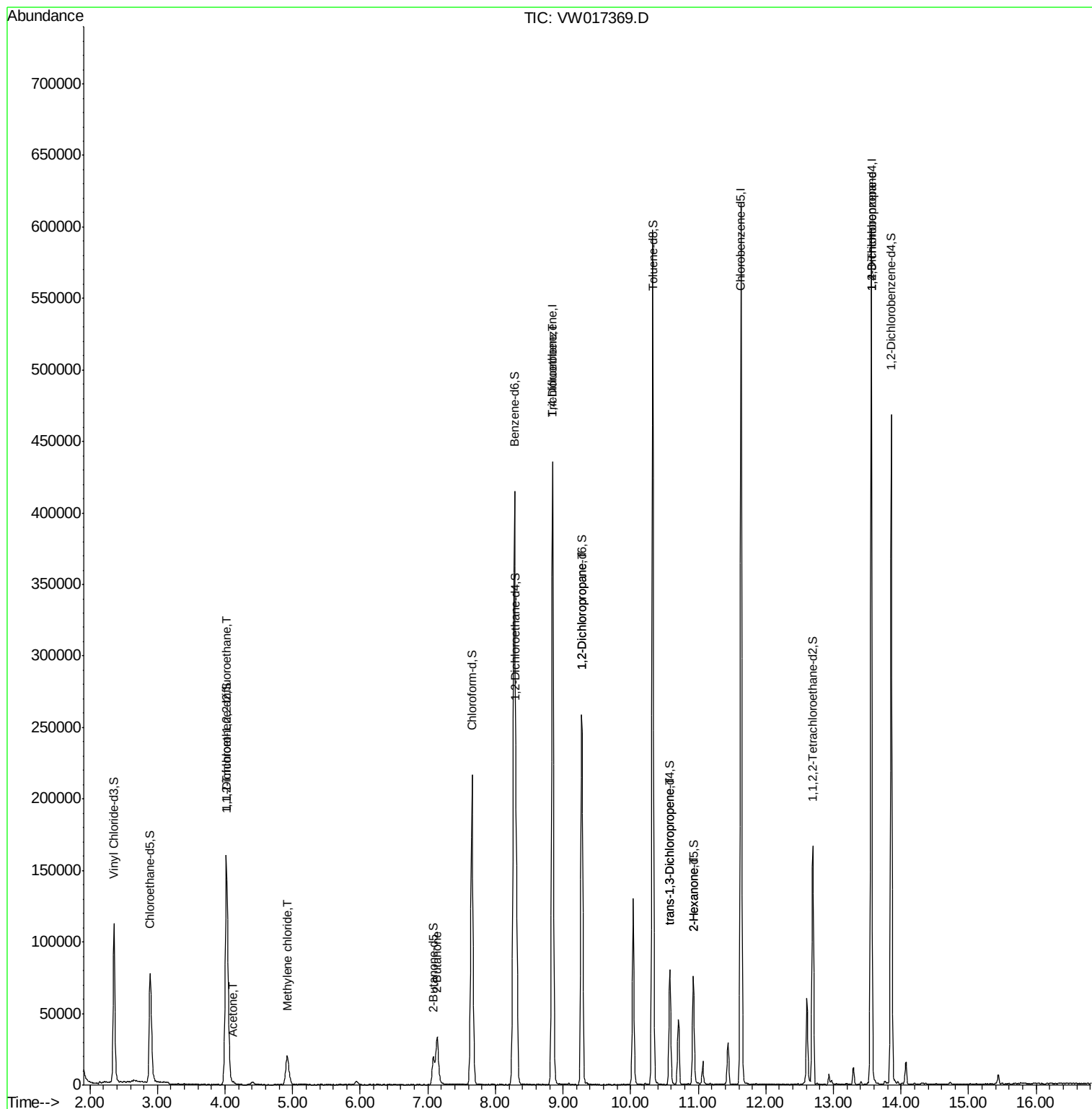
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1900	0.348 ug/L #	16
13) Acetone	4.12	43	428	0.606 ug/L	68
16) Methylene chloride	4.92	84	17716	2.602 ug/L	98
21) 2-Butanone	7.13	43	1621	1.497 ug/L #	57
35) Trichloroethene	8.84	95	11531	1.997 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13474	2.919 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2237	0.369 ug/L #	82
49) 2-Hexanone	10.93	43	3209	2.327 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	16775	5.897 ug/L	99

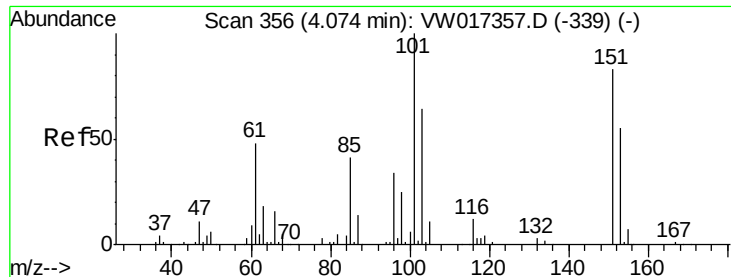
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.348 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW017369.D

Acq: 19 Nov 2020 14:12

Instrument :

MSVOA_W

ClientSampleId :

C0BA3

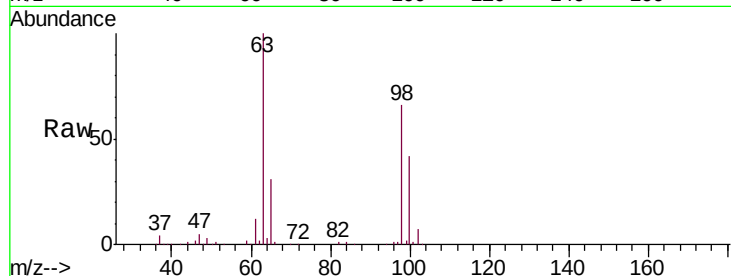
Tgt Ion: 101 Resp: 1900

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

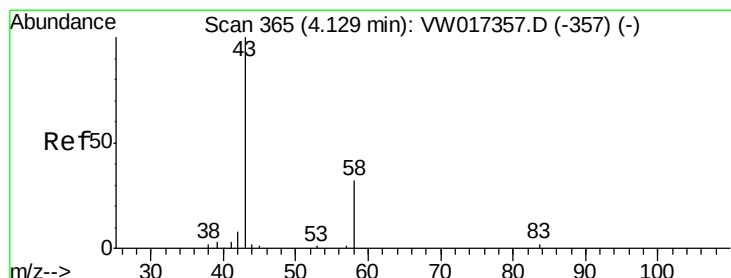
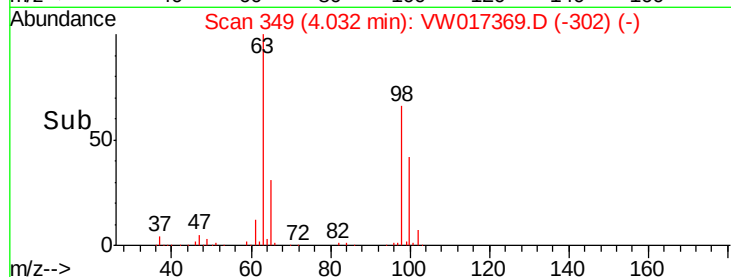
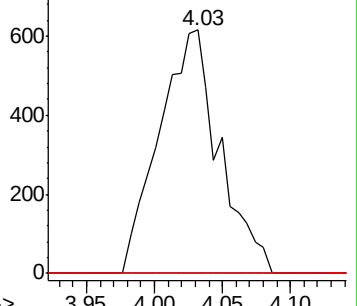
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.606 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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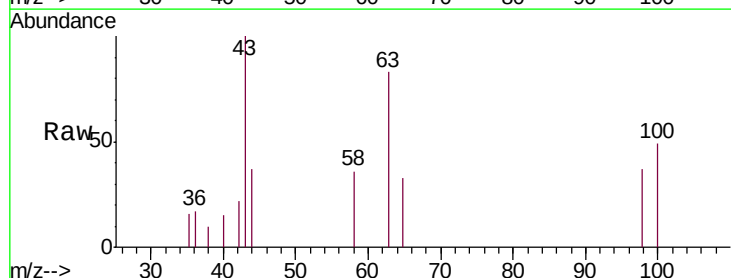
Acq: 19 Nov 2020 14:12

Tgt Ion: 43 Resp: 428

Ion Ratio Lower Upper

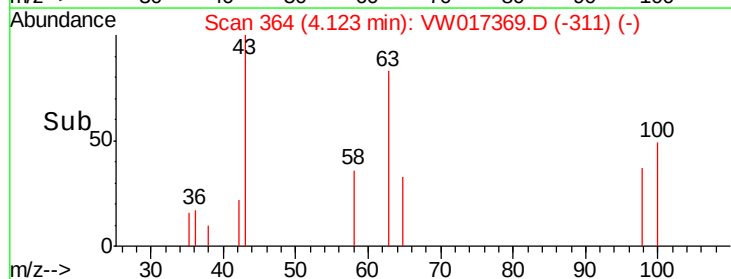
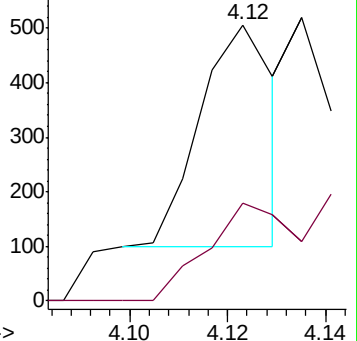
43 100

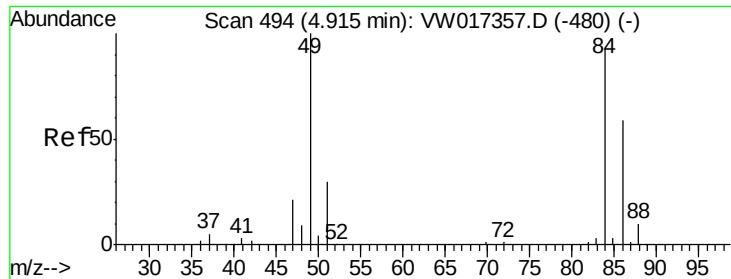
58 51.9 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

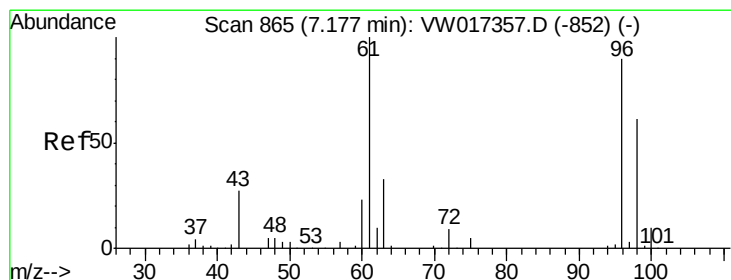
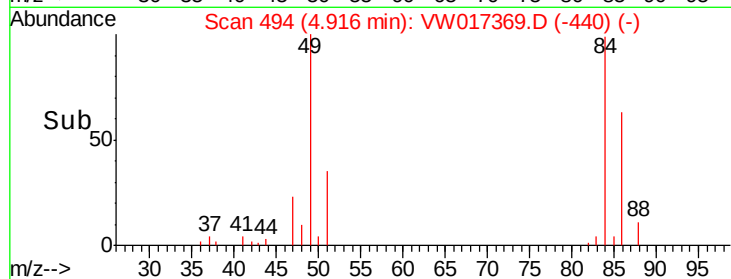
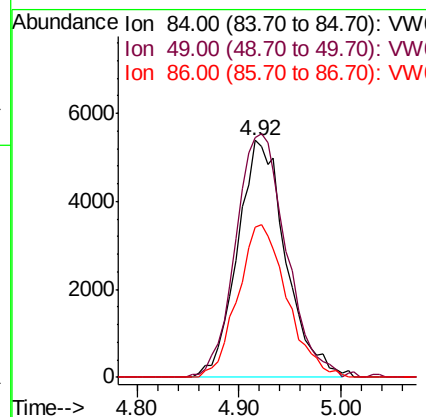
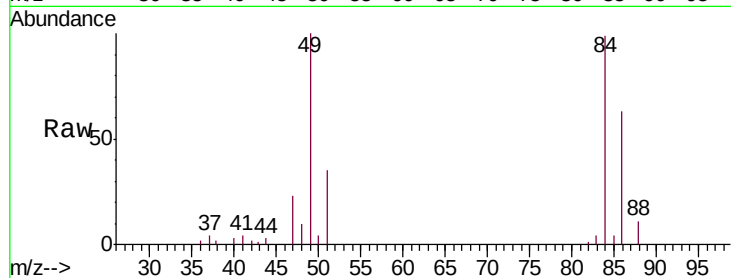




#16
Methylene chloride
Concen: 2.602 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW017369.D
Acq: 19 Nov 2020 14:12

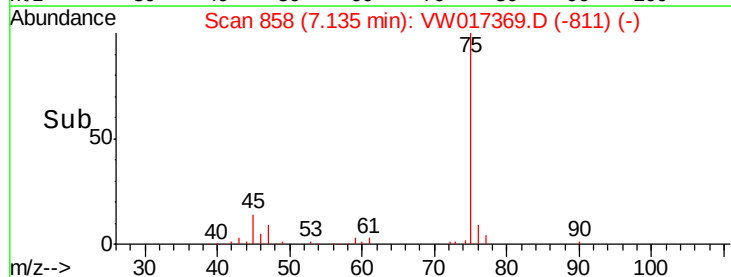
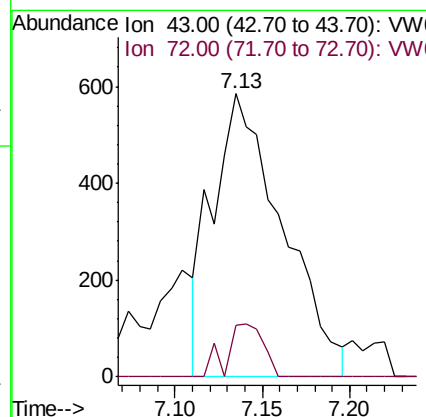
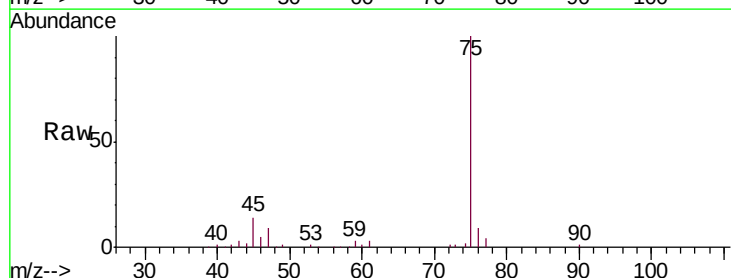
Instrument :
MSVOA_W
ClientSampled :
C0BA3

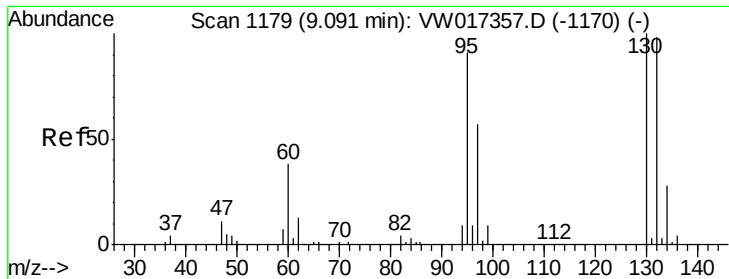
Tgt Ion: 84 Resp: 17716
Ion Ratio Lower Upper
84 100
49 101.2 71.5 132.9
86 63.6 42.8 79.4



#21
2-Butanone
Concen: 1.497 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW017369.D
Acq: 19 Nov 2020 14:12

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
72 8.3 16.4 49.1#





#35

Trichloroethene

Concen: 1.997 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017369.D

Acq: 19 Nov 2020 14:12

Instrument :

MSVOA_W

ClientSampleId :

C0BA3

Tgt Ion: 95 Resp: 11531

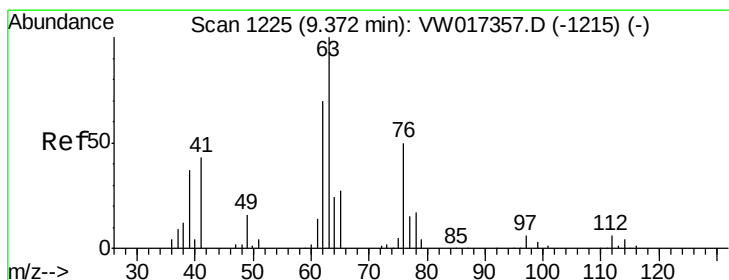
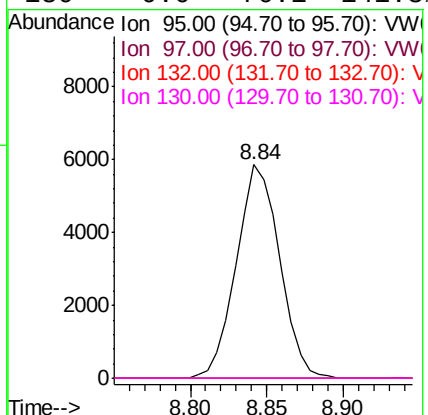
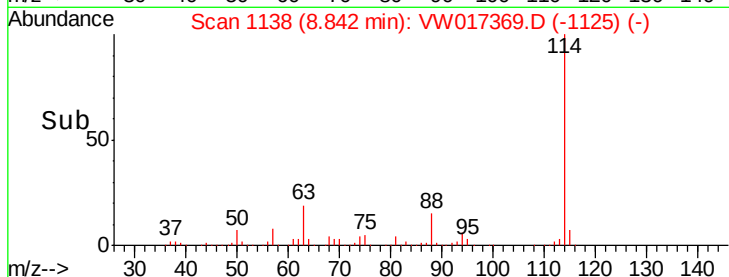
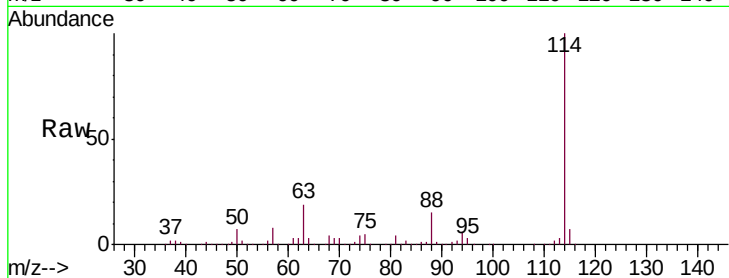
Ion Ratio Lower Upper

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: 2.919 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017369.D

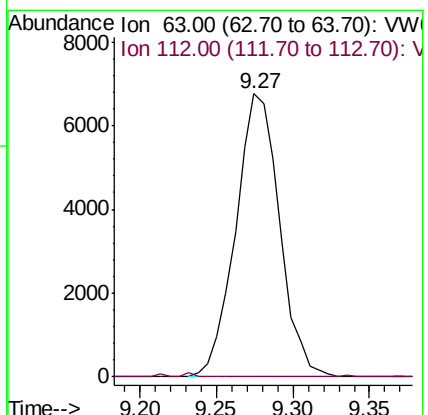
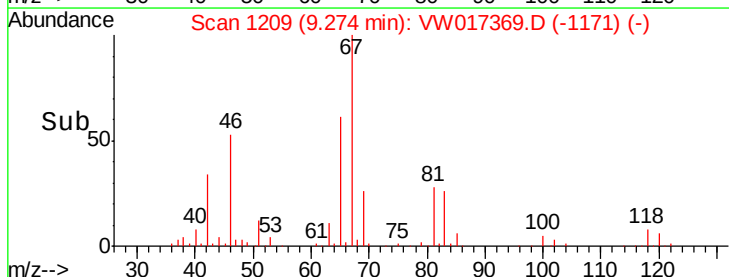
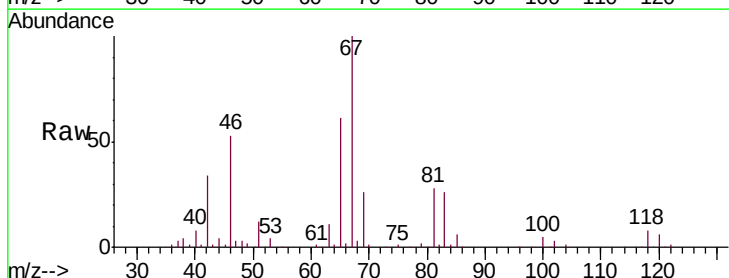
Acq: 19 Nov 2020 14:12

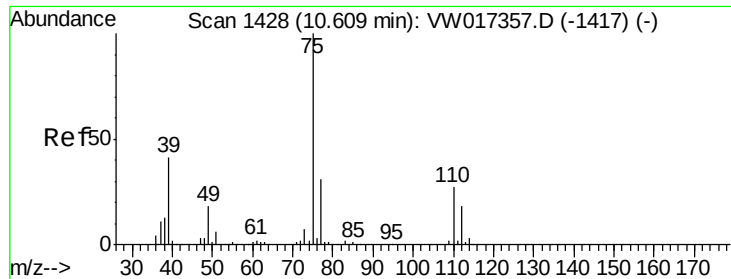
Tgt Ion: 63 Resp: 13474

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.4#





#45

trans-1,3-Dichloropropene

Concen: 0.369 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017369.D

Acq: 19 Nov 2020 14:12

Instrument :

MSVOA_W

ClientSampled :

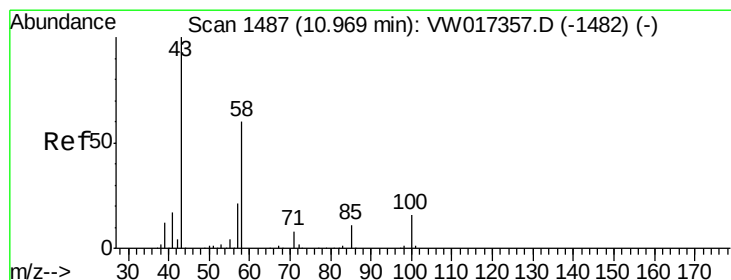
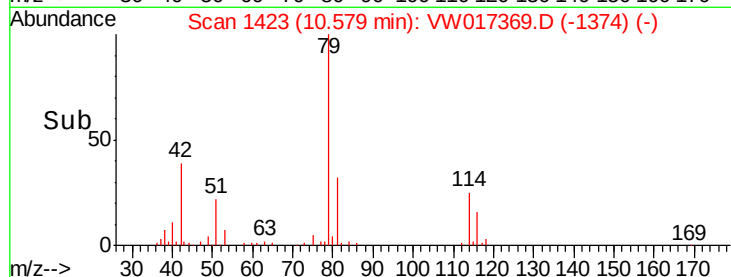
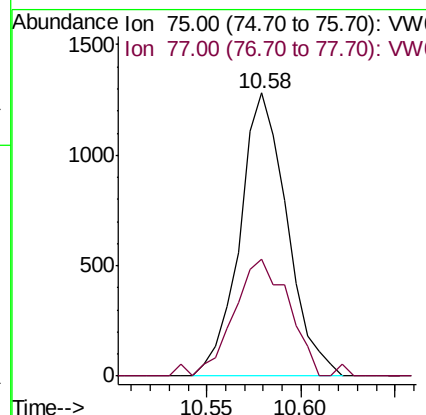
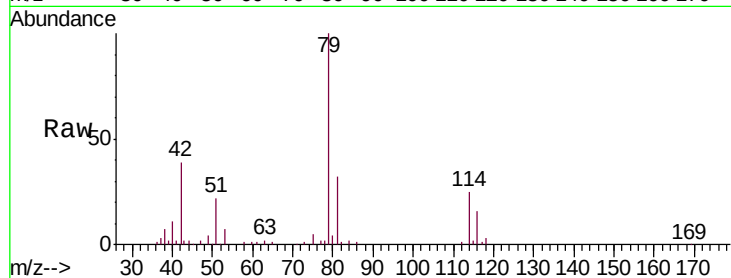
C0BA3

Tgt Ion: 75 Resp: 2237

Ion Ratio Lower Upper

75 100

77 41.5 22.0 40.8#



#49

2-Hexanone

Concen: 2.327 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017369.D

Acq: 19 Nov 2020 14:12

Tgt Ion: 43 Resp: 3209

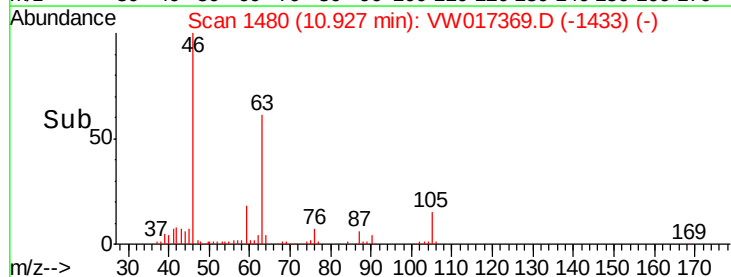
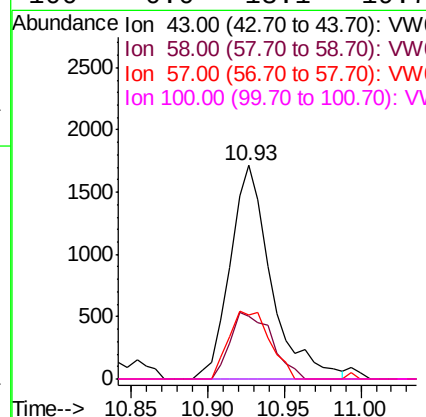
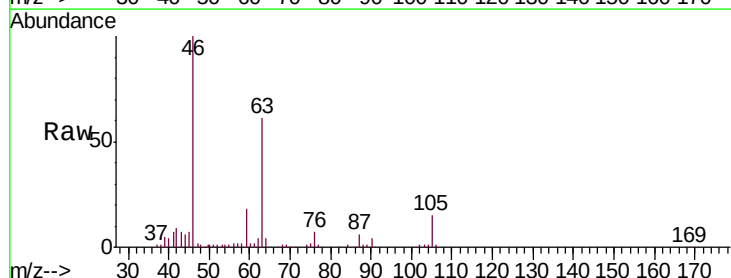
Ion Ratio Lower Upper

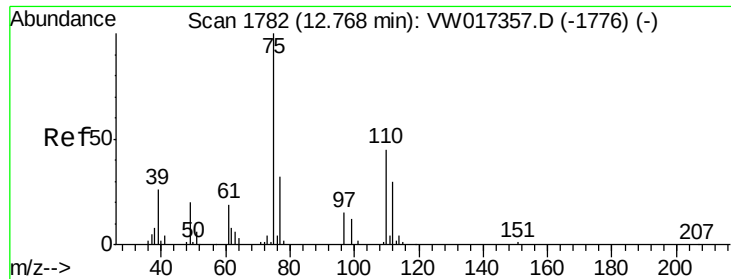
43 100

58 31.3 49.4 74.0#

57 31.6 17.0 25.4#

100 0.0 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 5.897 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017369.D

Acq: 19 Nov 2020 14:12

Instrument :

MSVOA_W

ClientSampleId :

C0BA3

Tgt Ion: 75 Resp: 16775

Ion Ratio Lower Upper

75 100

77 33.7 26.6 40.0

