

Data File : VW017414.D
Acq On : 20 Nov 2020 14:01
Operator : SY/VA
Sample : L4819-05
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ5

Quant Time: Nov 21 00:32:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	356262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139271	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120757	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.56%
7) Chloroethane-d5	2.89	69	97506	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
10) 1,1-Dichloroethene-d2	4.02	63	155979	16.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.64%
20) 2-Butanone-d5	7.08	46	40317	46.55	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.10%
24) Chloroform-d	7.65	84	222964	23.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	8.31	65	112756	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.72%
29) Benzene-d6	8.27	84	438649	24.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.20%
33) 1,2-Dichloropropane-d6	9.27	67	121296	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.92%
37) Toluene-d8	10.32	98	406468	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
38) trans-1,3-Dichloropropene-	10.58	79	45910	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	10.93	63	30538	47.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93545	25.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	125806	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

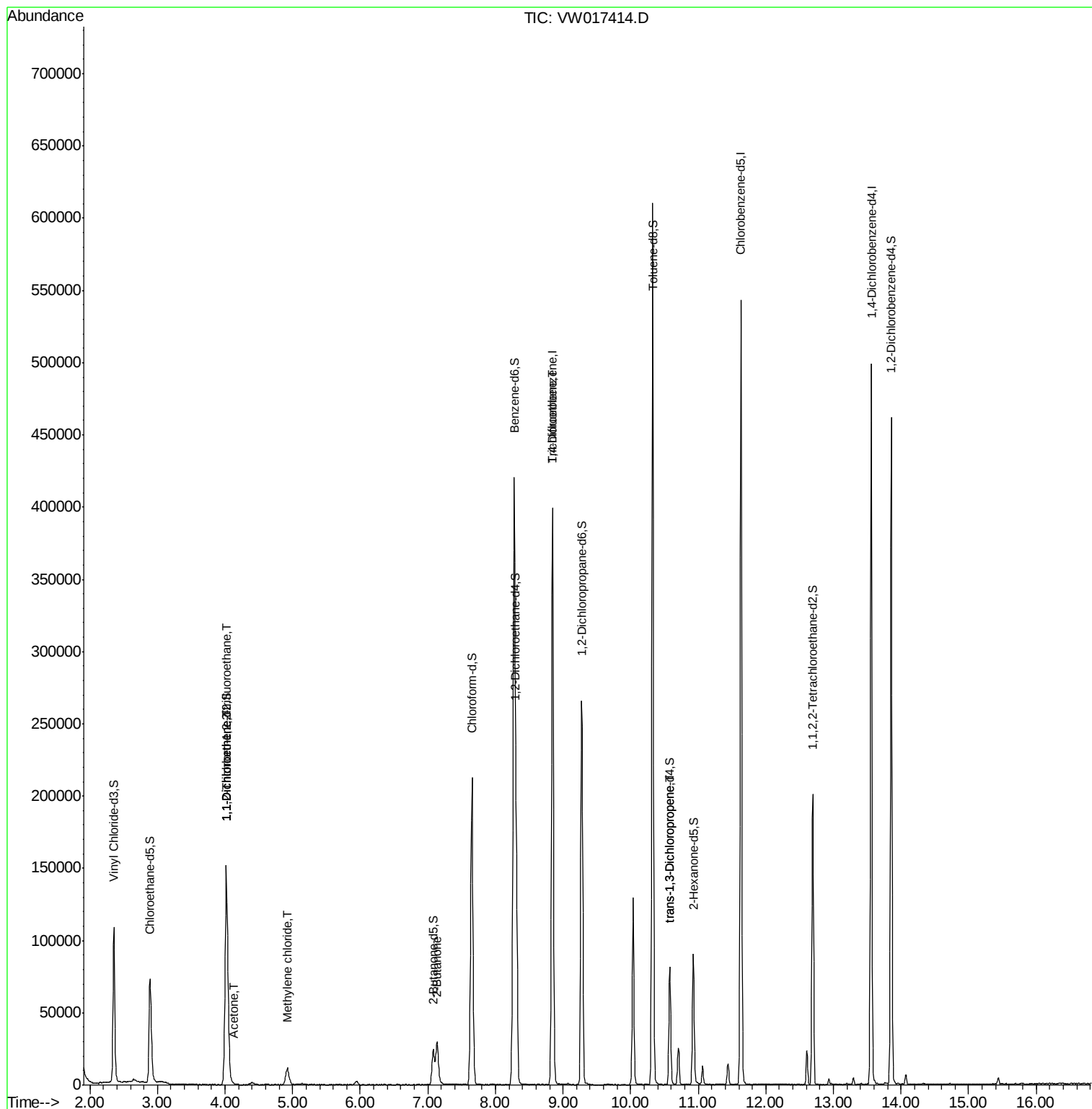
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1671	0.342 ug/L #	16
12) 1,1-Dichloroethene	4.03	96	1275	0.272 ug/L #	1
13) Acetone	4.13	43	624	0.987 ug/L	60
16) Methylene chloride	4.92	84	10500	1.723 ug/L	94
21) 2-Butanone	7.13	43	717	0.740 ug/L	71
35) Trichloroethene	8.85	95	10704	2.092 ug/L #	2
45) trans-1,3-Dichloropropene	10.58	75	2299	0.427 ug/L	92

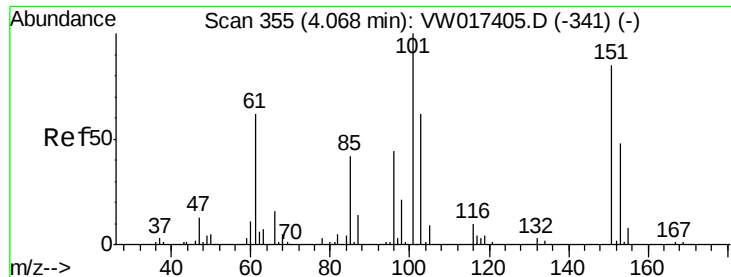
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017414.D
Acq On : 20 Nov 2020 14:01
Operator : SY/VA
Sample : L4819-05
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ5

Quant Time: Nov 21 00:32:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#11

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

Concen: 0.342 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017414.D

Acq: 20 Nov 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

C0AZ5

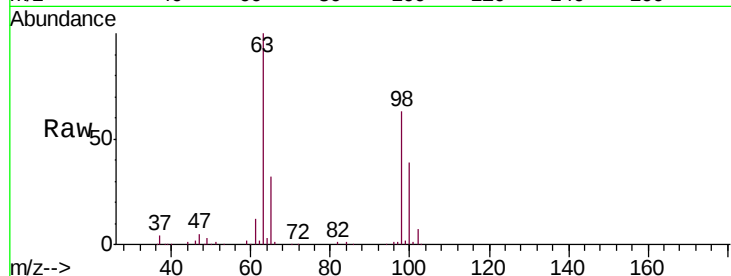
Tgt Ion: 101 Resp: 1671

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

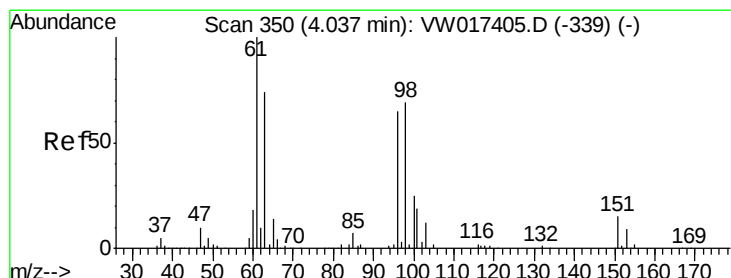
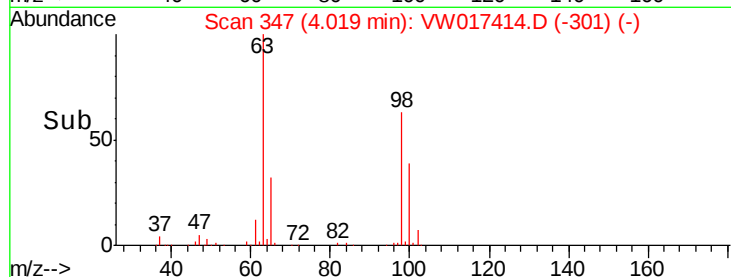
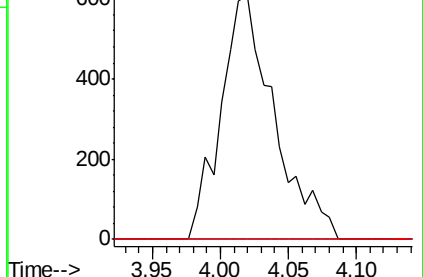
151 0.0 66.3 99.5#



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



#12

1,1-Dichloroethene

Concen: 0.272 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW017414.D

Acq: 20 Nov 2020 14:01

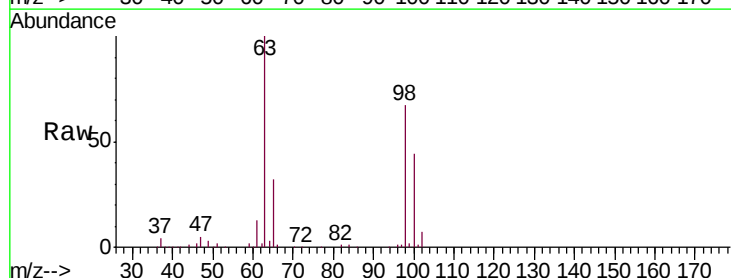
Tgt Ion: 96 Resp: 1275

Ion Ratio Lower Upper

96 100

61 1354.3 104.7 194.4#

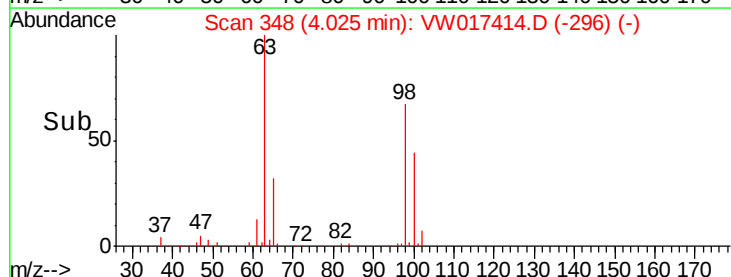
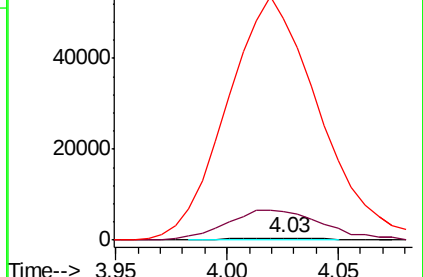
63 10308.7 69.6 129.2#

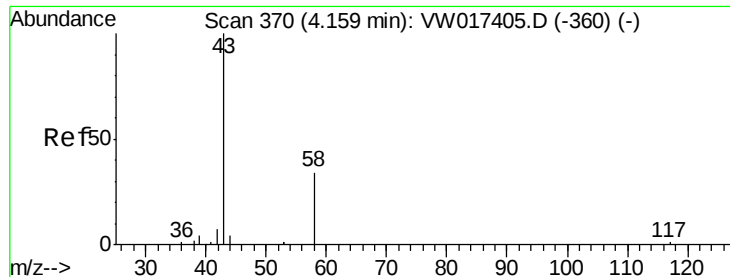


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 0.987 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.03 min

Lab File: VW017414.D

Acq: 20 Nov 2020 14:01

Instrument :

MSVOA_W

ClientSampled :

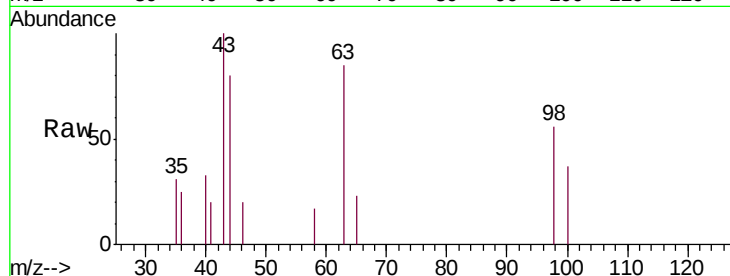
C0AZ5

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

58 10.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

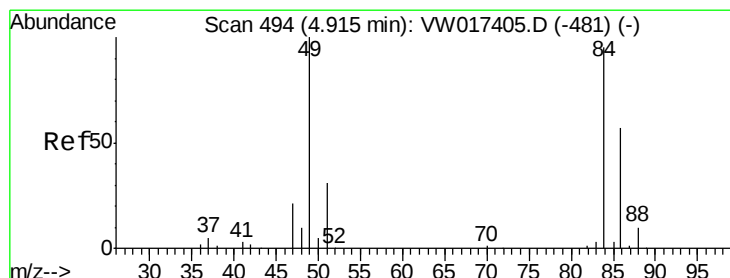
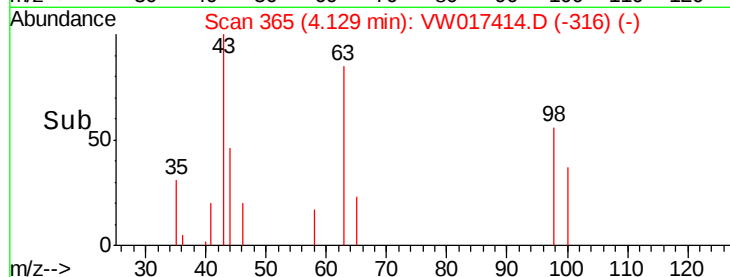
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 1.723 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017414.D

Acq: 20 Nov 2020 14:01

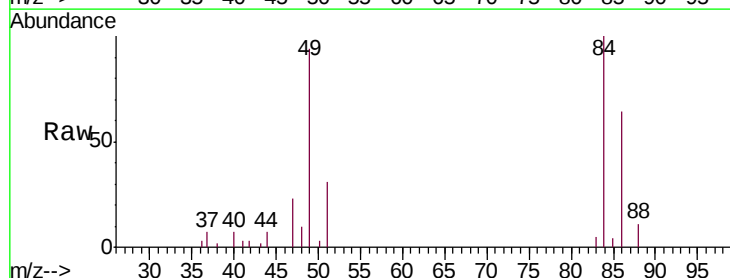
Tgt Ion: 84 Resp: 10500

Ion Ratio Lower Upper

84 100

49 94.2 71.5 132.9

86 63.7 42.8 79.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4000

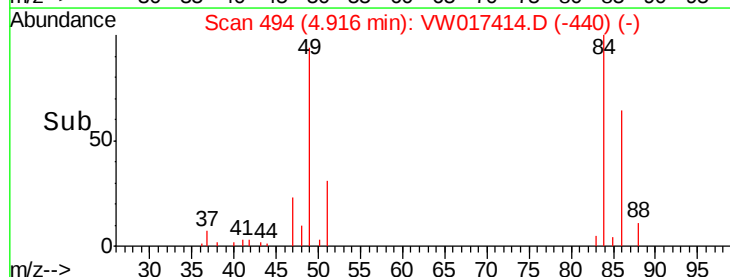
3000

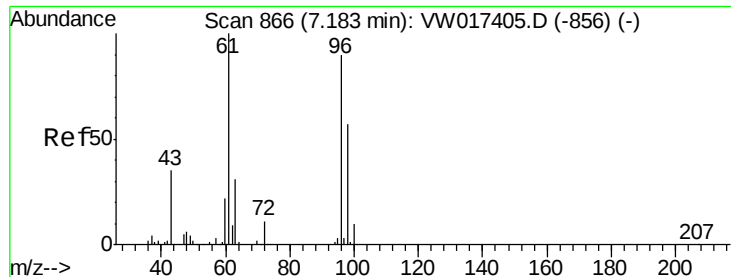
2000

1000

0

Time-->





#21

2-Butanone

Concen: 0.740 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.05 min

Lab File: VW017414.D

Acq: 20 Nov 2020 14:01

Instrument :

MSVOA_W

ClientSampled :

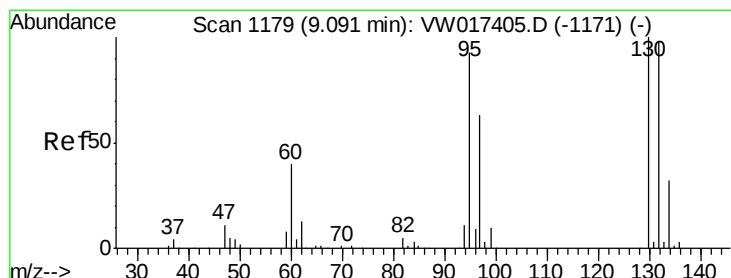
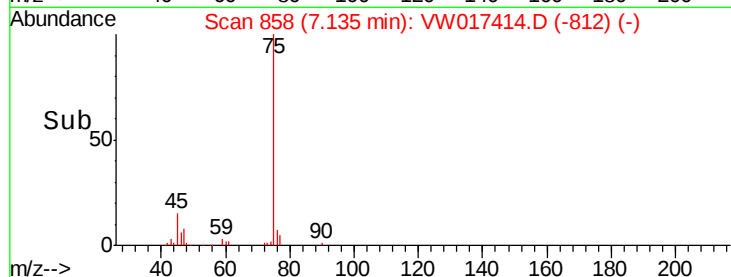
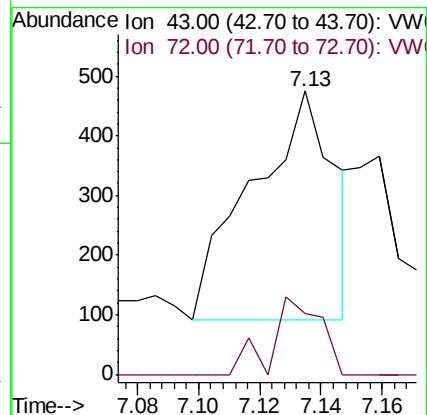
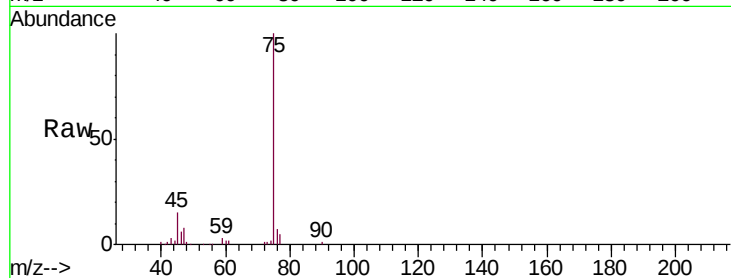
C0AZ5

Tgt Ion: 43 Resp: 717

Ion Ratio Lower Upper

43 100

72 16.6 16.4 49.1



#35

Trichloroethene

Concen: 2.092 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017414.D

Acq: 20 Nov 2020 14:01

Tgt Ion: 95 Resp: 10704

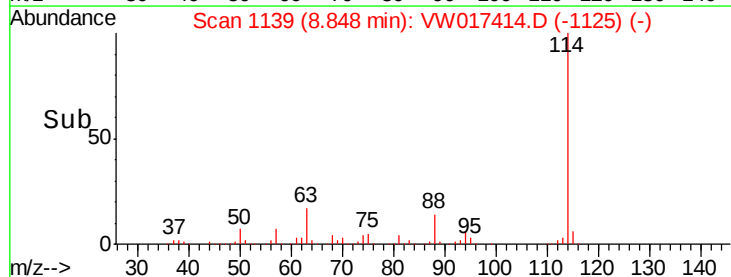
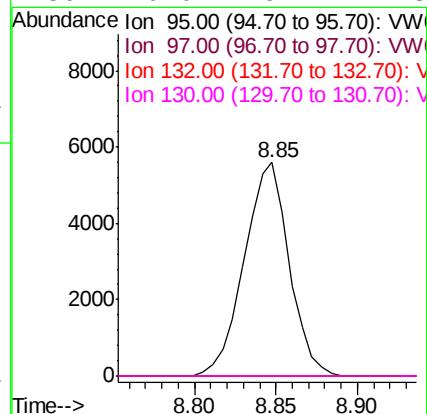
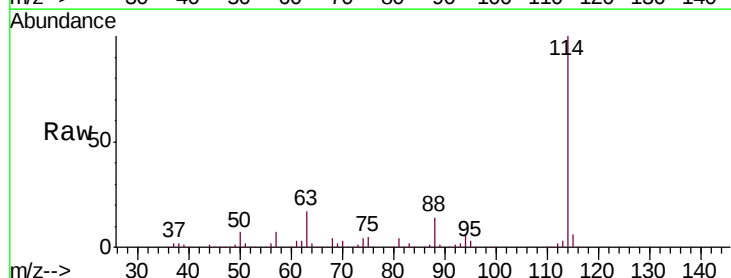
Ion Ratio Lower Upper

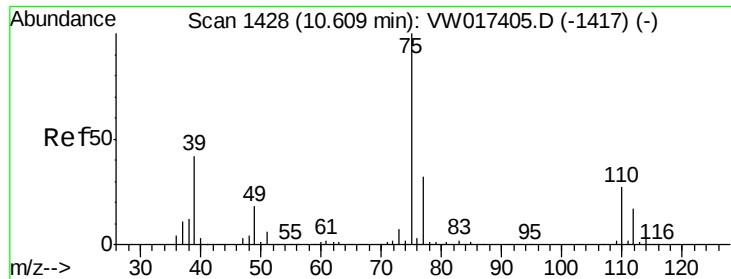
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#





#45

trans-1,3-Dichloropropene

Concen: 0.427 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017414.D

Acq: 20 Nov 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

C0AZ5

Tgt Ion: 75 Resp: 2299

Ion Ratio Lower Upper

75 100

77 36.1 22.0 40.8

