

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017575.D
 Acq On : 07 Dec 2020 13:32
 Operator : SY/VA
 Sample : L4955-10
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 03:55:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	415485	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	371922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172543	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95540	17.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.92%
7) Chloroethane-d5	2.89	69	86943	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.40%
10) 1,1-Dichloroethene-d2	4.03	63	173314	14.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.09	46	59159	51.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.66%
24) Chloroform-d	7.65	84	268781	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.44	65	93	0.02	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	499332	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.27	67	149475	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.33	98	449694	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.36%
38) trans-1,3-Dichloropropene-	10.58	79	59690	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.44%
39) 2-Hexanone-d5	10.93	63	36085	46.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112221	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	142840	22.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.44%

Target Compounds

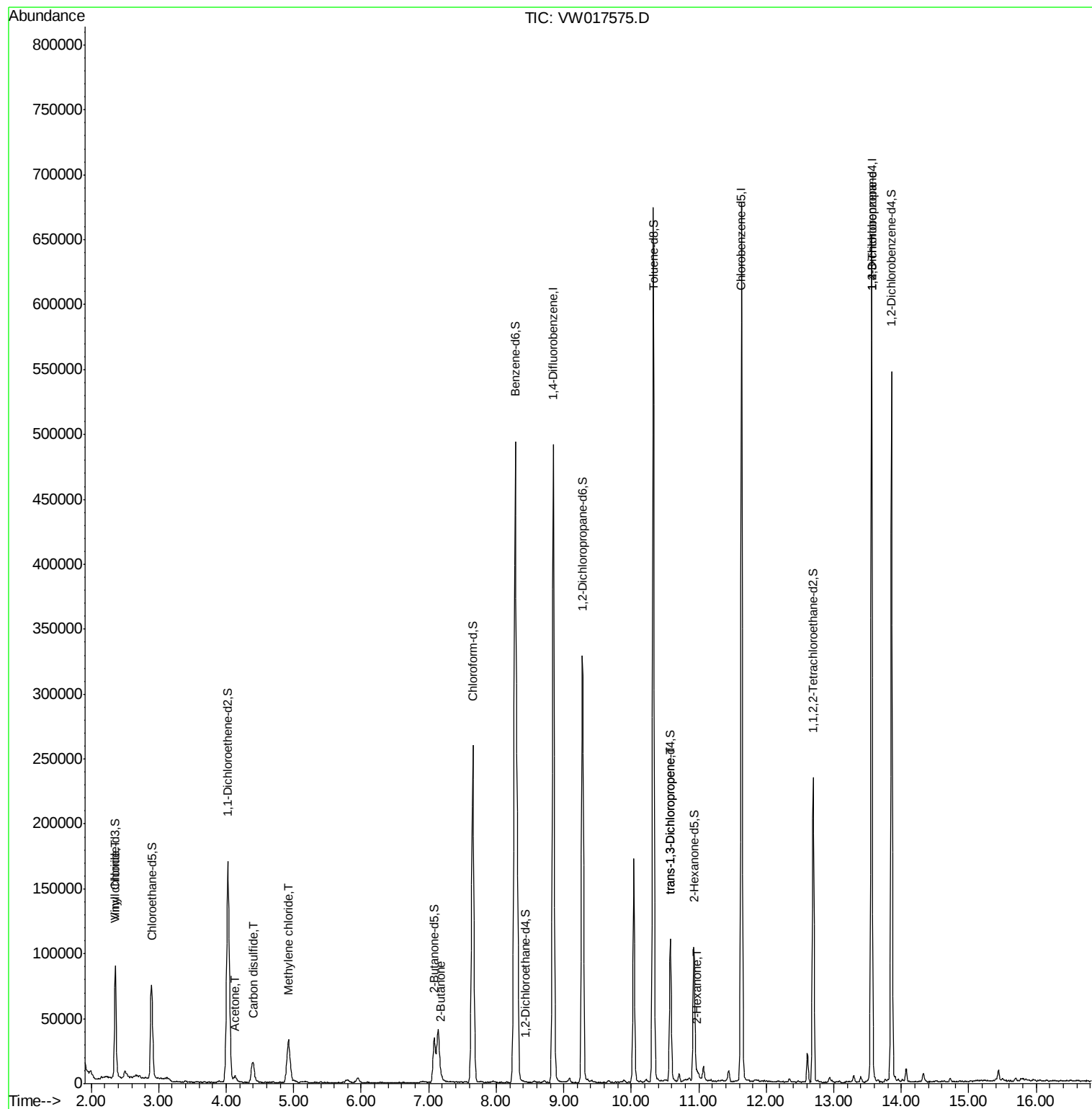
					Ovalue
5) Vinyl chloride	2.37	62	3050	0.605	ug/L # 1
13) Acetone	4.14	43	7911	7.133	ug/L 53
14) Carbon disulfide	4.39	76	34485	2.093	ug/L 100
16) Methylene chloride	4.92	84	27037	4.334	ug/L 95
21) 2-Butanone	7.18	43	1646	1.240	ug/L 97
45) trans-1,3-Dichloropropene	10.58	75	3281	0.471	ug/L 83
49) 2-Hexanone	10.97	43	1015	0.595	ug/L # 84
59) 1,2,3-Trichloropropane	13.56	75	20251	6.479	ug/L 97

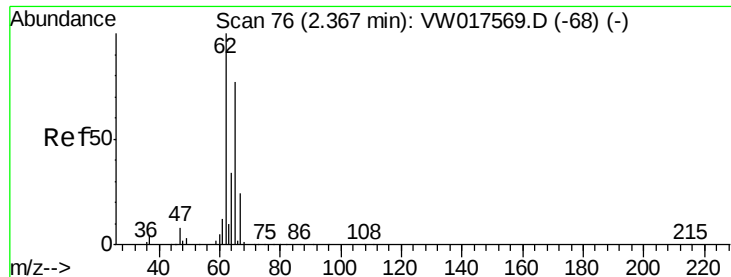
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 03:53:49 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.605 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW017575.D

Acq: 07 Dec 2020 13:32

Instrument :

MSVOA_W

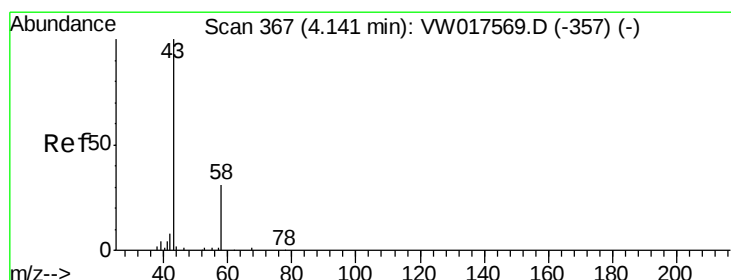
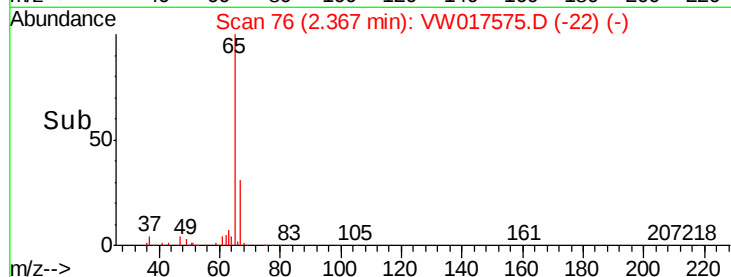
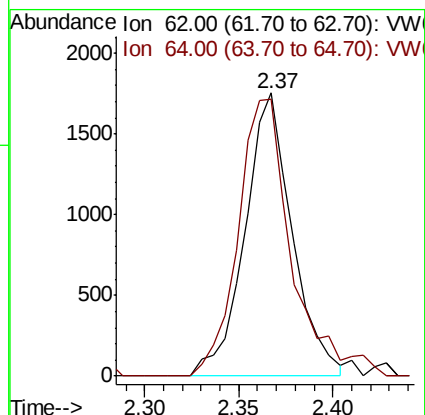
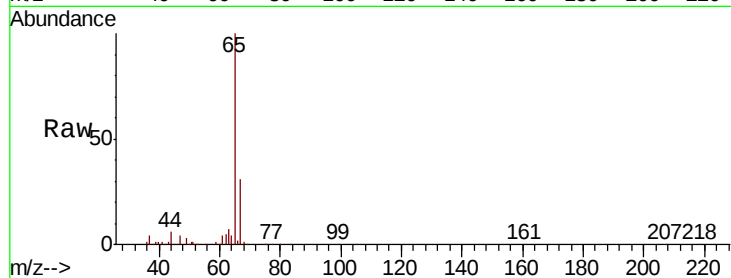
ClientSampled :

Tot Ion: 62 Resp: 3050

Ion Ratio Lower Upper

62 100

64 97.9 23.9 44.5#



#13

Acetone

Concen: 7.133 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017575.D

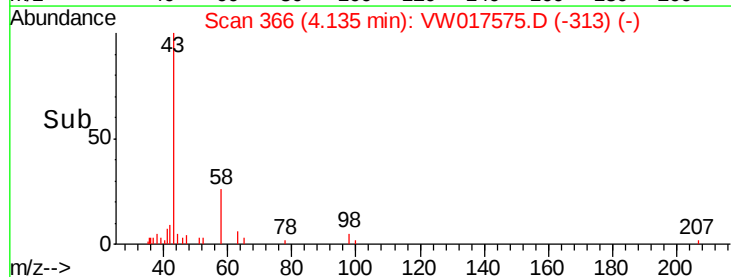
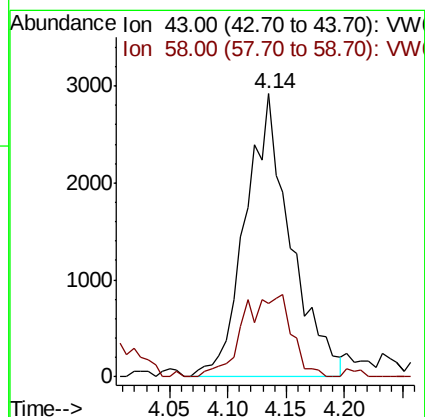
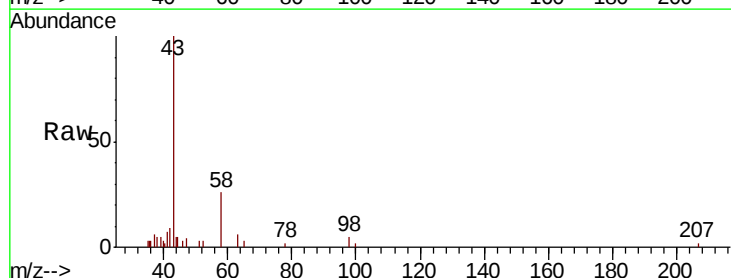
Acq: 07 Dec 2020 13:32

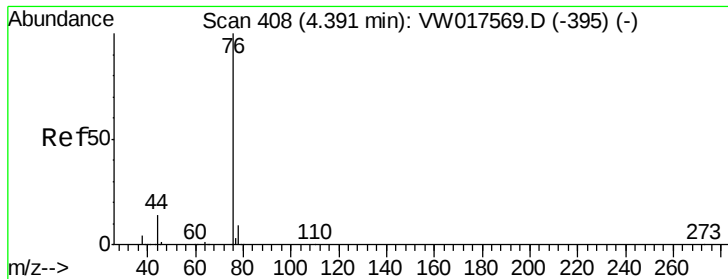
Tgt Ion: 43 Resp: 7911

Ion Ratio Lower Upper

43 100

58 7.2 0.0 68.4





#14

Carbon disulfide

Concen: 2.093 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017575.D

Acq: 07 Dec 2020 13:32

Instrument :

MSVOA_W

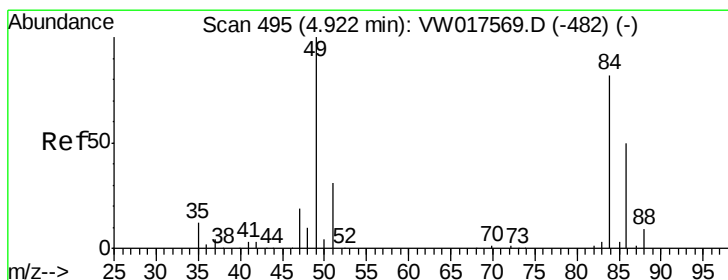
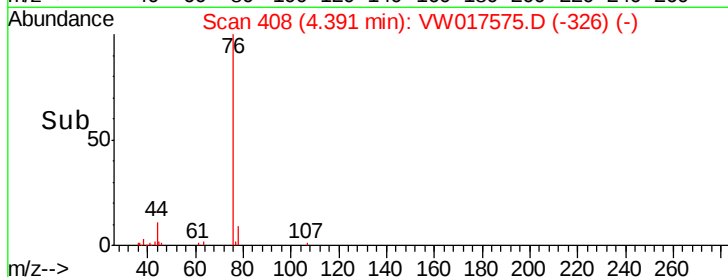
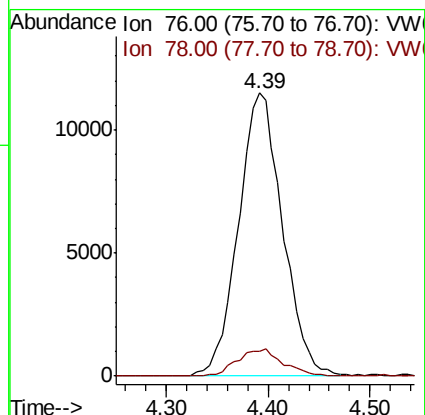
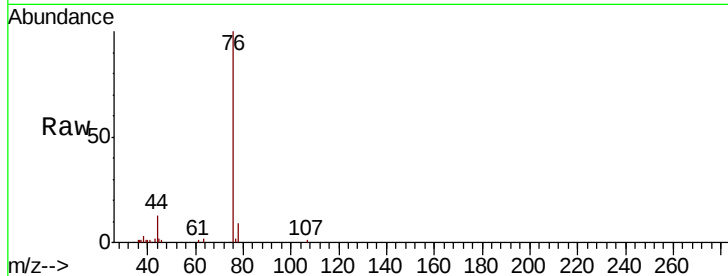
ClientSampled :

Tot Ion: 76 Resp: 34485

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#16

Methylene chloride

Concen: 4.334 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017575.D

Acq: 07 Dec 2020 13:32

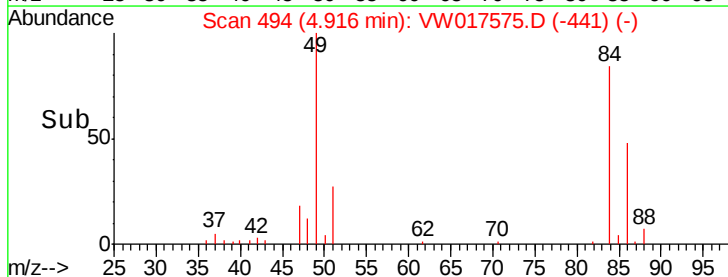
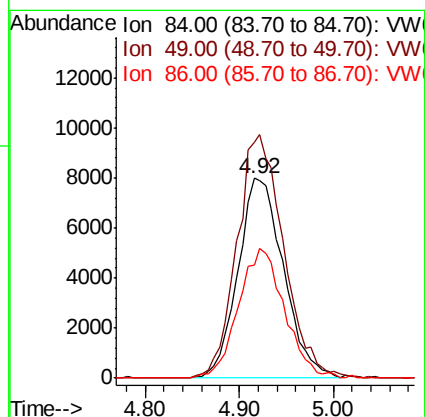
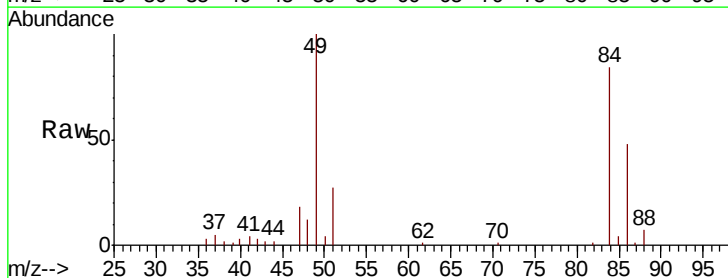
Tgt Ion: 84 Resp: 27037

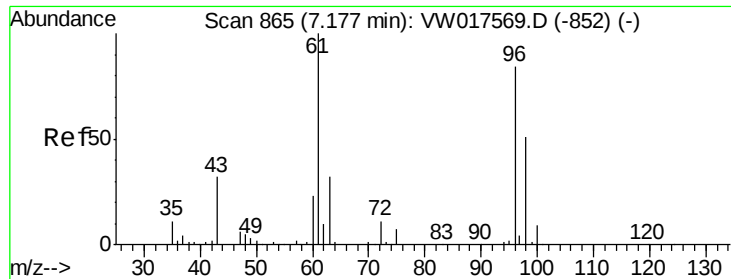
Ion Ratio Lower Upper

84 100

49 118.4 81.2 150.8

86 56.7 44.5 82.7





#21

2-Butanone

Concen: 1.240 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW017575.D

Acq: 07 Dec 2020 13:32

Instrument :

MSVOA_W

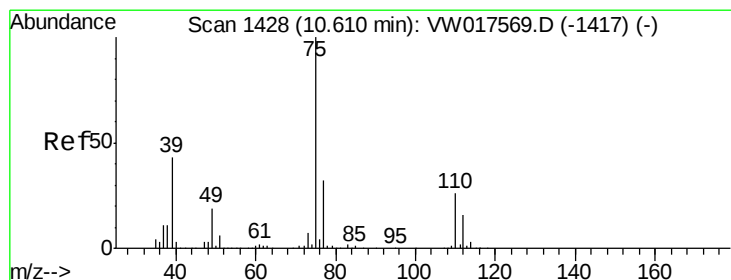
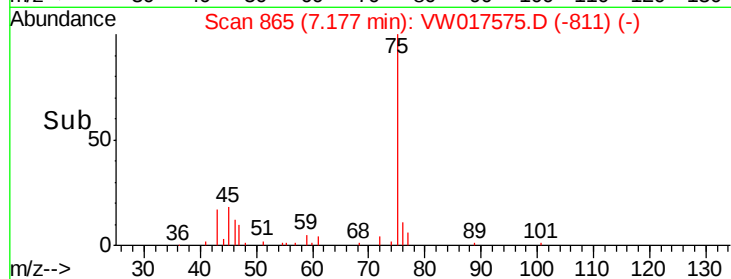
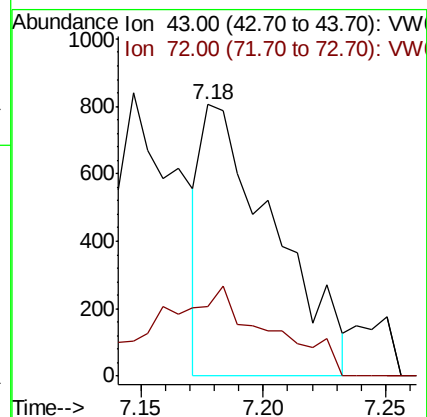
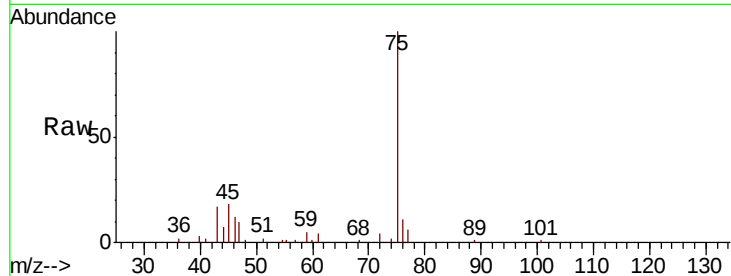
ClientSampled :

Tot Ion: 43 Resp: 1646

Ion Ratio Lower Upper

43 100

72 27.2 14.4 43.2



#45

trans-1,3-Dichloropropene

Concen: 0.471 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017575.D

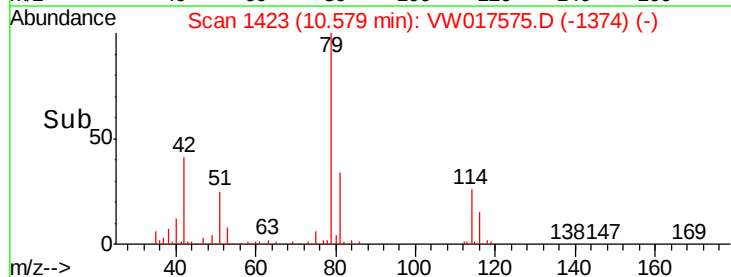
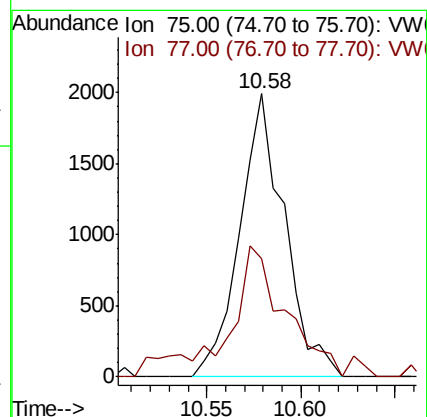
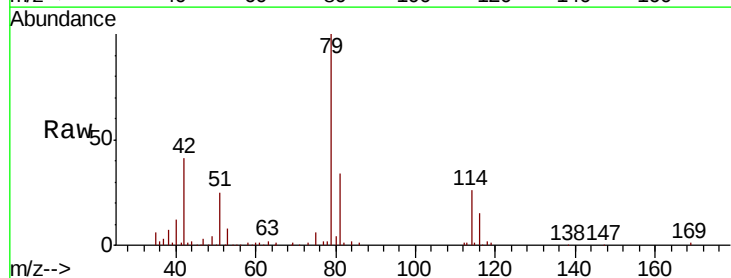
Acq: 07 Dec 2020 13:32

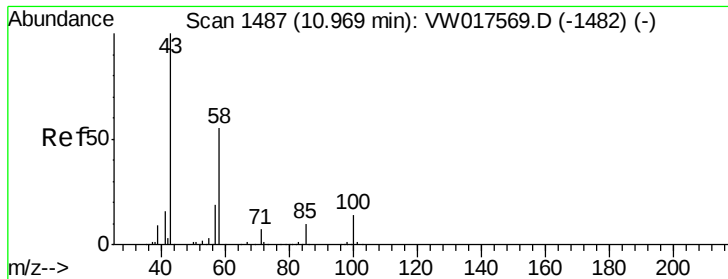
Tgt Ion: 75 Resp: 3281

Ion Ratio Lower Upper

75 100

77 41.9 22.6 42.0





#49

2-Hexanone

Concen: 0.595 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017575.D

Acq: 07 Dec 2020 13:32

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1015

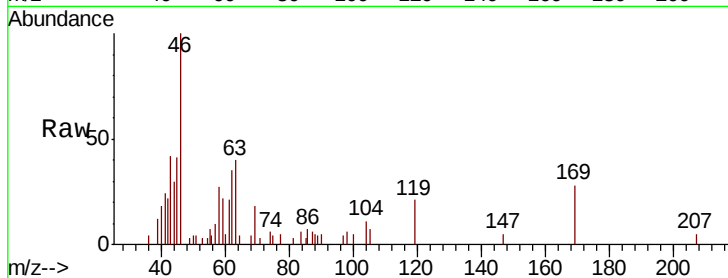
Ion Ratio Lower Upper

43 100

58 46.5 51.3 76.9#

57 20.1 15.0 22.6

100 12.2 12.2 18.2

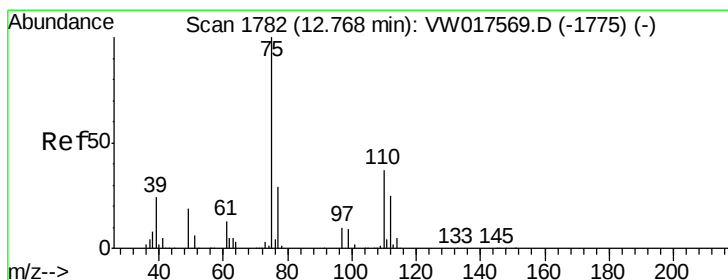
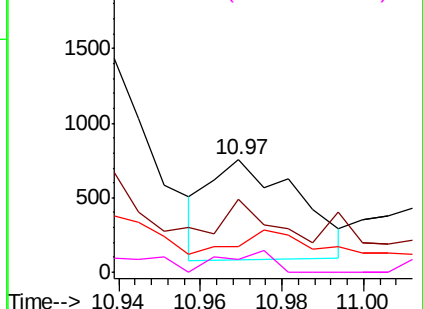
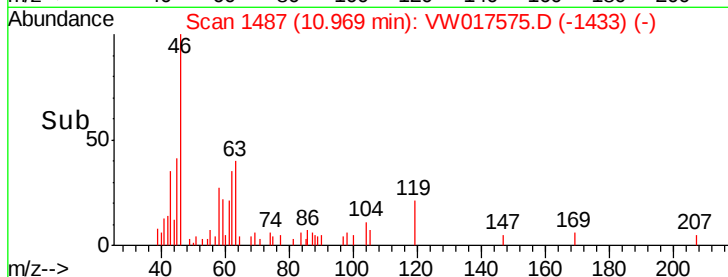


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 6.479 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017575.D

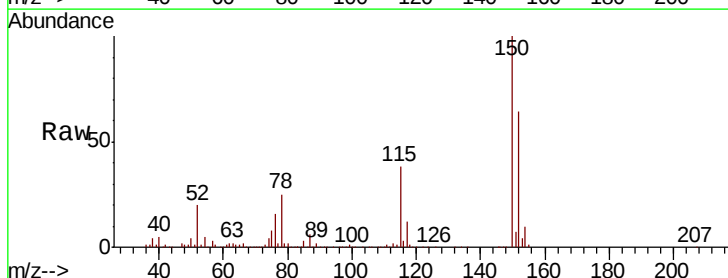
Acq: 07 Dec 2020 13:32

Tgt Ion: 75 Resp: 20251

Ion Ratio Lower Upper

75 100

77 35.0 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

