

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017540.D
 Acq On : 03 Dec 2020 17:56
 Operator : SY/VA
 Sample : VIBLK18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:35:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	416943	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186309	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124691	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
7) Chloroethane-d5	2.89	69	102330	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.02	63	211596	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	7.08	46	59156	51.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.28%
24) Chloroform-d	7.65	84	289736	24.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	8.31	65	148073	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.27	84	560114	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.27	67	163625	25.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.12%
37) Toluene-d8	10.32	98	517879	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.20%
38) trans-1,3-Dichloropropene-	10.58	79	68854	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.16%
39) 2-Hexanone-d5	10.93	63	41375	52.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120083	26.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	189049	27.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.64%

Target Compounds

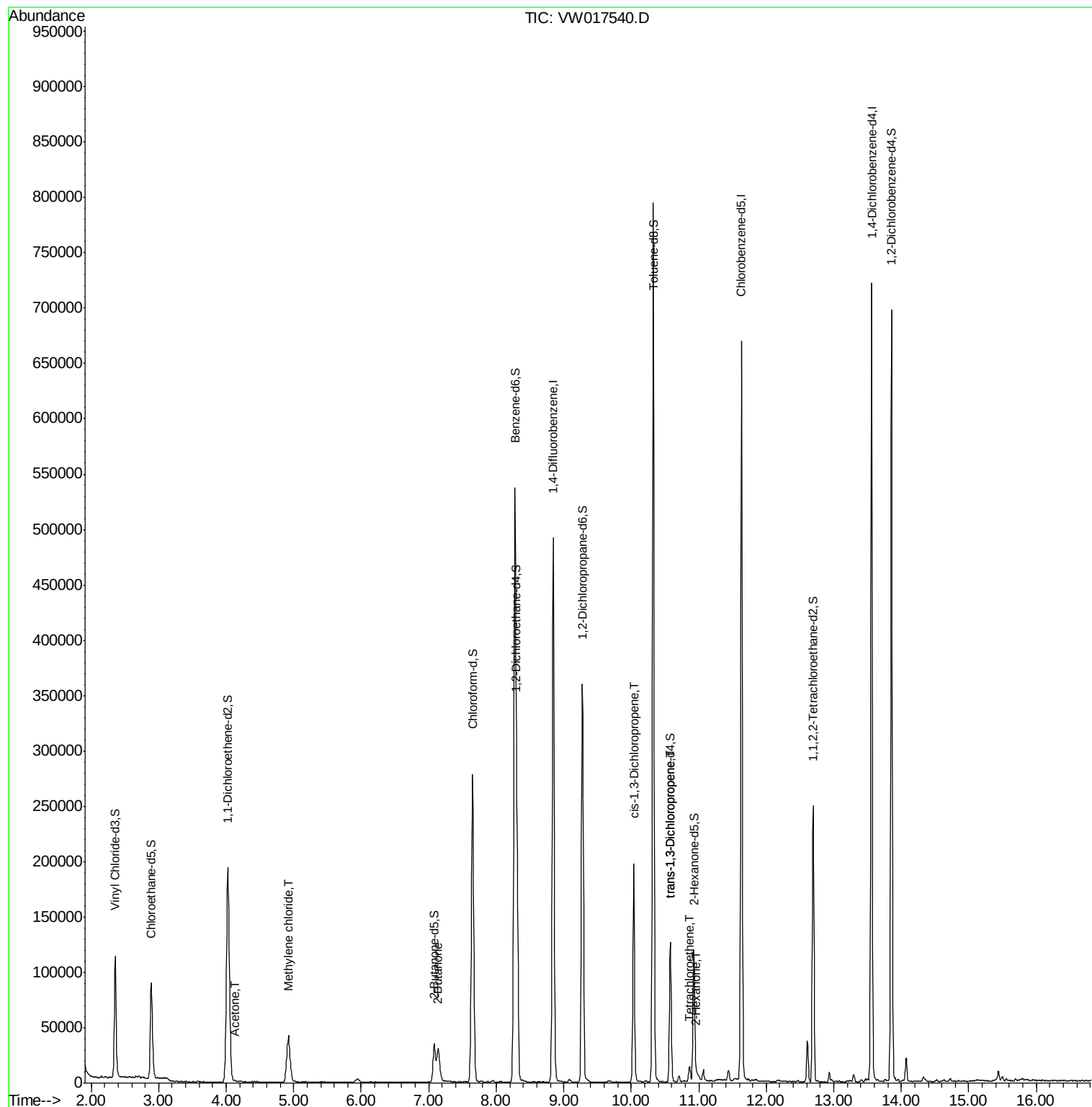
					Ovalue
13) Acetone	4.14	43	619	0.556 ug/L	90
16) Methylene chloride	4.92	84	35808	5.720 ug/L	97
21) 2-Butanone	7.14	43	963	0.723 ug/L #	59
42) cis-1,3-Dichloropropene	10.04	75	5318	0.646 ug/L #	58
45) trans-1,3-Dichloropropene	10.58	75	3551	0.503 ug/L	88
47) Tetrachloroethene	10.87	164	2961	0.554 ug/L	89
49) 2-Hexanone	10.97	43	755	0.437 ug/L #	58

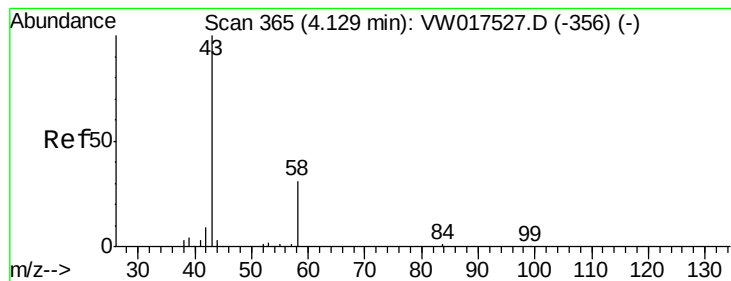
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.556 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Instrument :

MSVOA_W

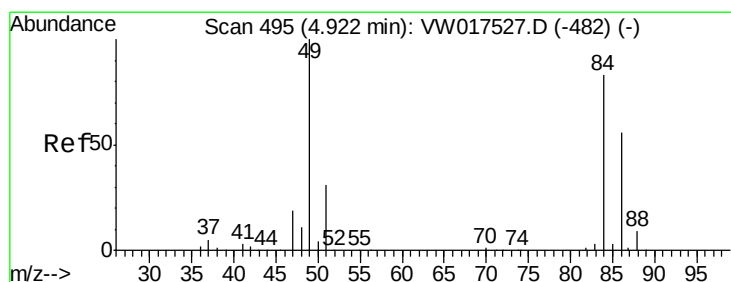
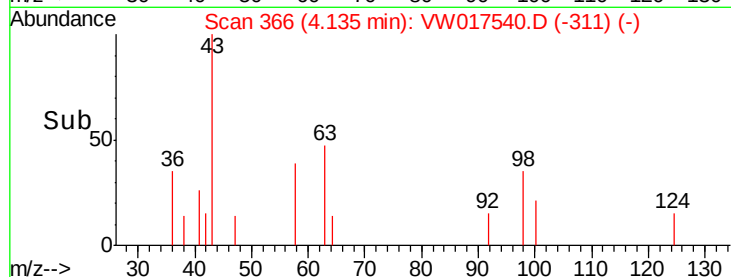
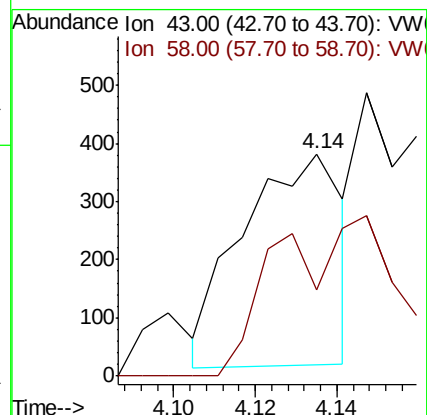
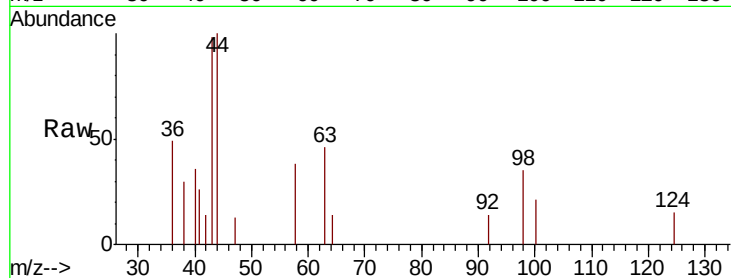
ClientSampled :

Tot Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

58 39.7 0.0 68.4



#16

Methylene chloride

Concen: 5.720 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

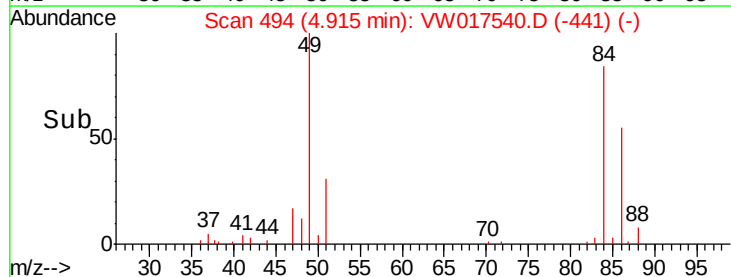
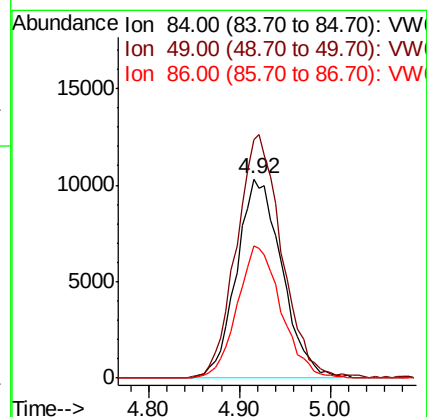
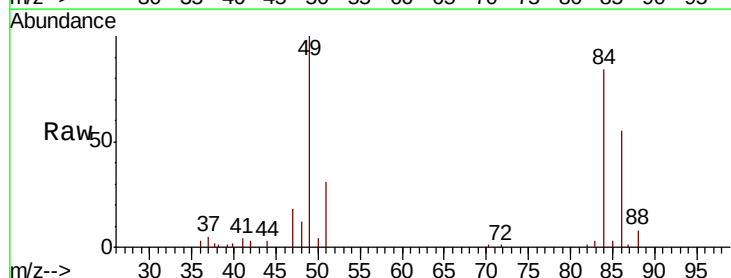
Tgt Ion: 84 Resp: 35808

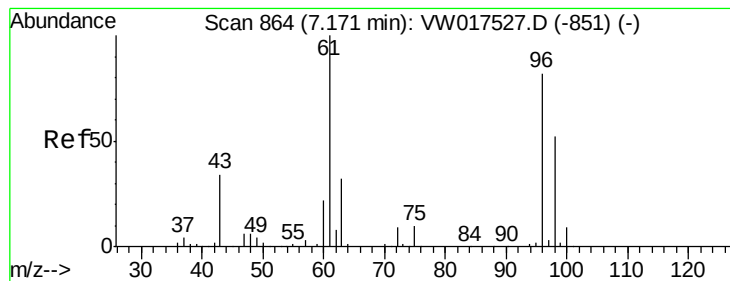
Ion Ratio Lower Upper

84 100

49 119.7 81.2 150.8

86 66.1 44.5 82.7





#21

2-Butanone

Concen: 0.723 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Instrument :

MSVOA_W

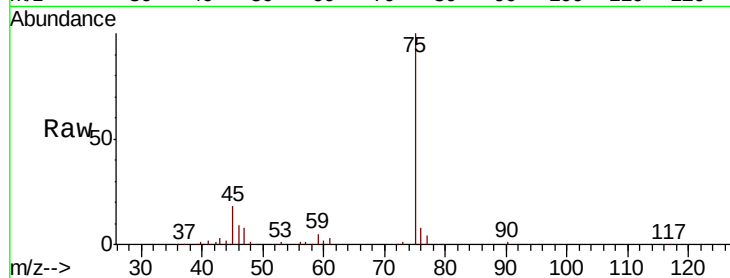
ClientSampleId :

Tot Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

72 7.0 14.4 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

600

500

400

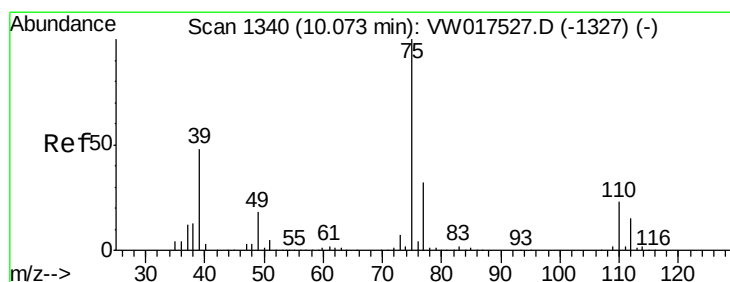
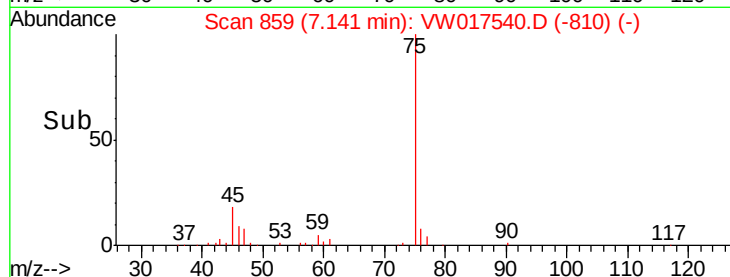
300

200

100

0

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017540.D

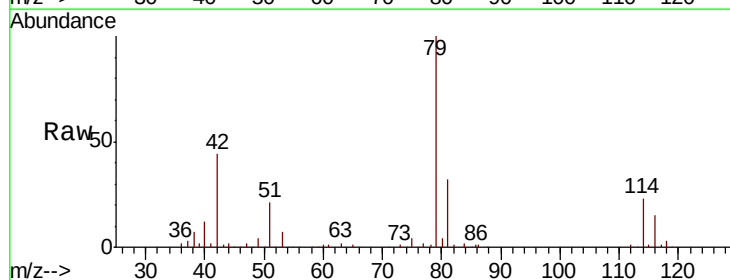
Acq: 03 Dec 2020 17:56

Tgt Ion: 75 Resp: 5318

Ion Ratio Lower Upper

75 100

77 56.1 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

3000

2500

2000

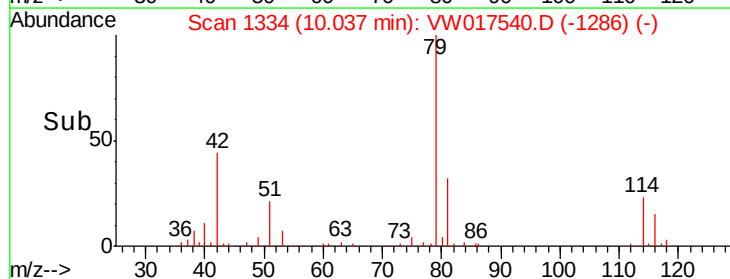
1500

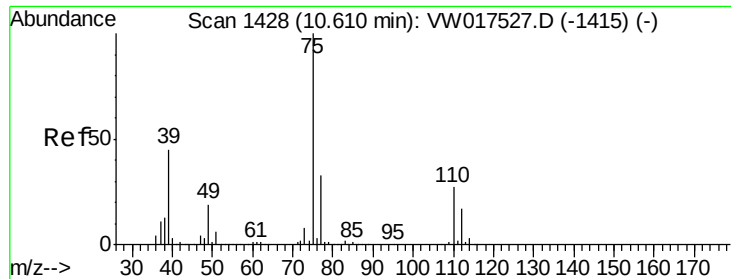
1000

500

0

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.503 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Instrument :

MSVOA_W

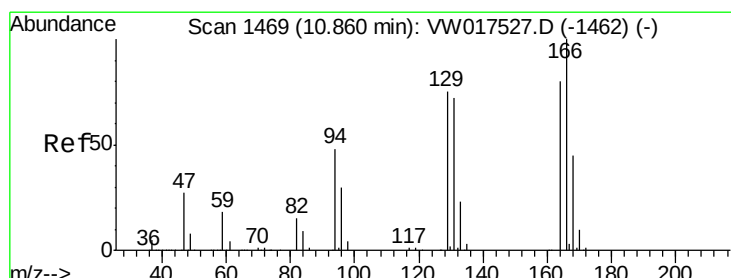
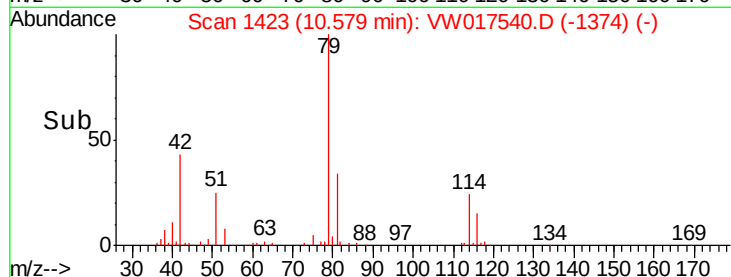
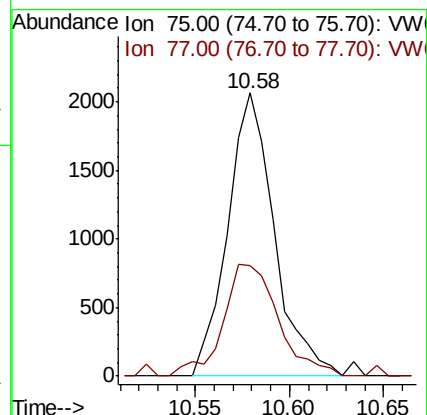
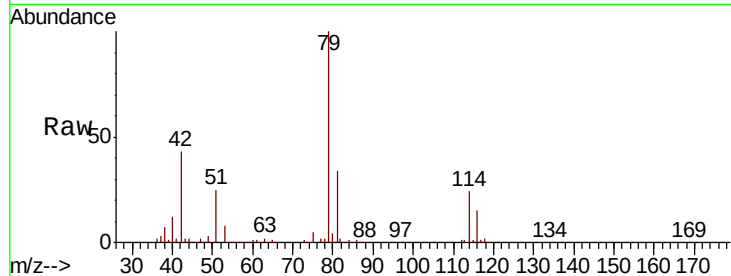
ClientSampleId :

Tot Ion: 75 Resp: 3551

Ion Ratio Lower Upper

75 100

77 39.2 22.6 42.0



#47

Tetrachloroethene

Concen: 0.554 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Tgt Ion: 164 Resp: 2961

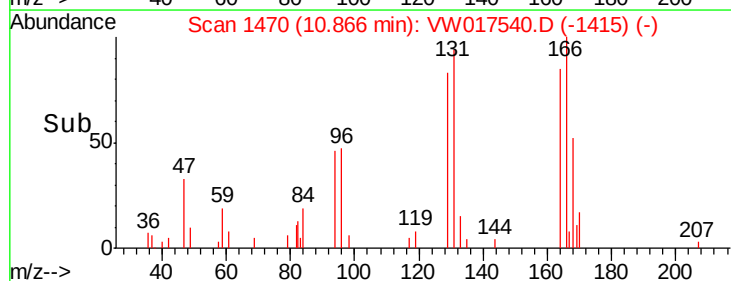
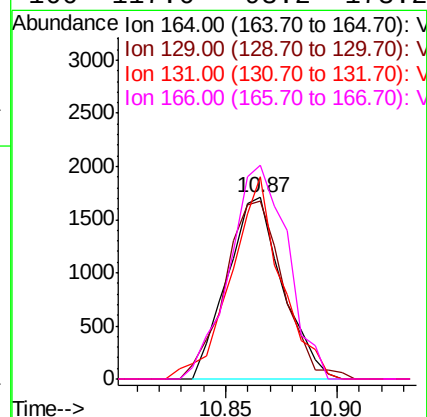
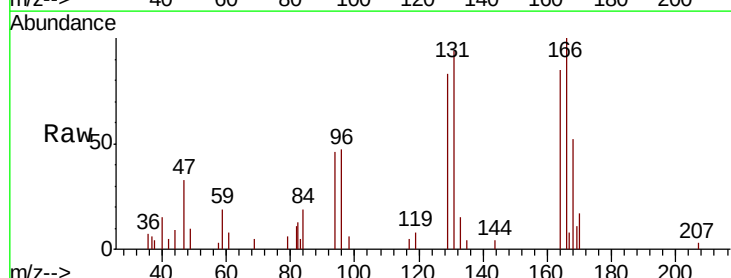
Ion Ratio Lower Upper

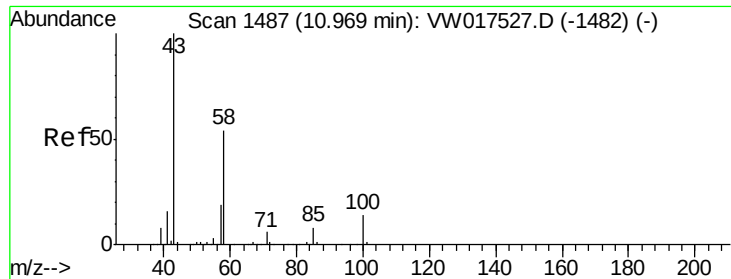
164 100

129 98.0 67.6 125.6

131 111.1 65.2 121.2

166 117.6 93.2 173.2





#49

2-Hexanone

Concen: 0.437 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 755

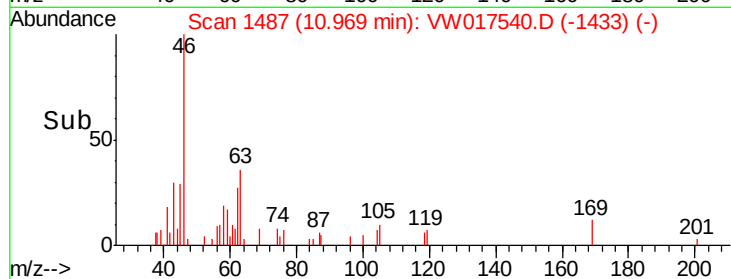
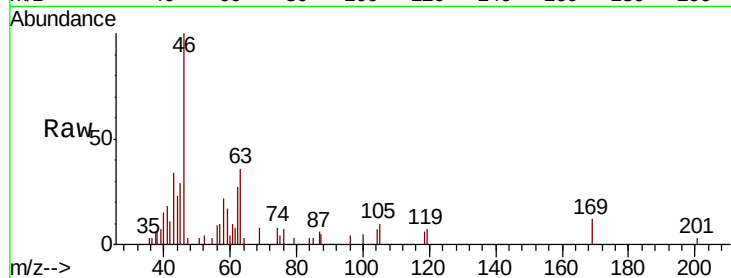
Ion Ratio Lower Upper

43 100

58 105.0 51.3 76.9#

57 35.6 15.0 22.6#

100 12.6 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

