

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017474.D
 Acq On : 24 Nov 2020 15:57
 Operator : SY/VA
 Sample : L4819-17RE
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:47:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	396561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	63776	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127008	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
7) Chloroethane-d5	2.90	69	104819	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	4.03	63	193187	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.09	46	56541	51.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.80%
24) Chloroform-d	7.65	84	263806	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	140186	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.28	84	512553	31.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.56%
33) 1,2-Dichloropropane-d6	9.27	67	149196	33.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.20%#
37) Toluene-d8	10.33	98	389366	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.40%
38) trans-1,3-Dichloropropene-	10.58	79	57292	28.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.32%
39) 2-Hexanone-d5	10.93	63	38153	69.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.64%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92738	28.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	60575	25.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.64%

Target Compounds

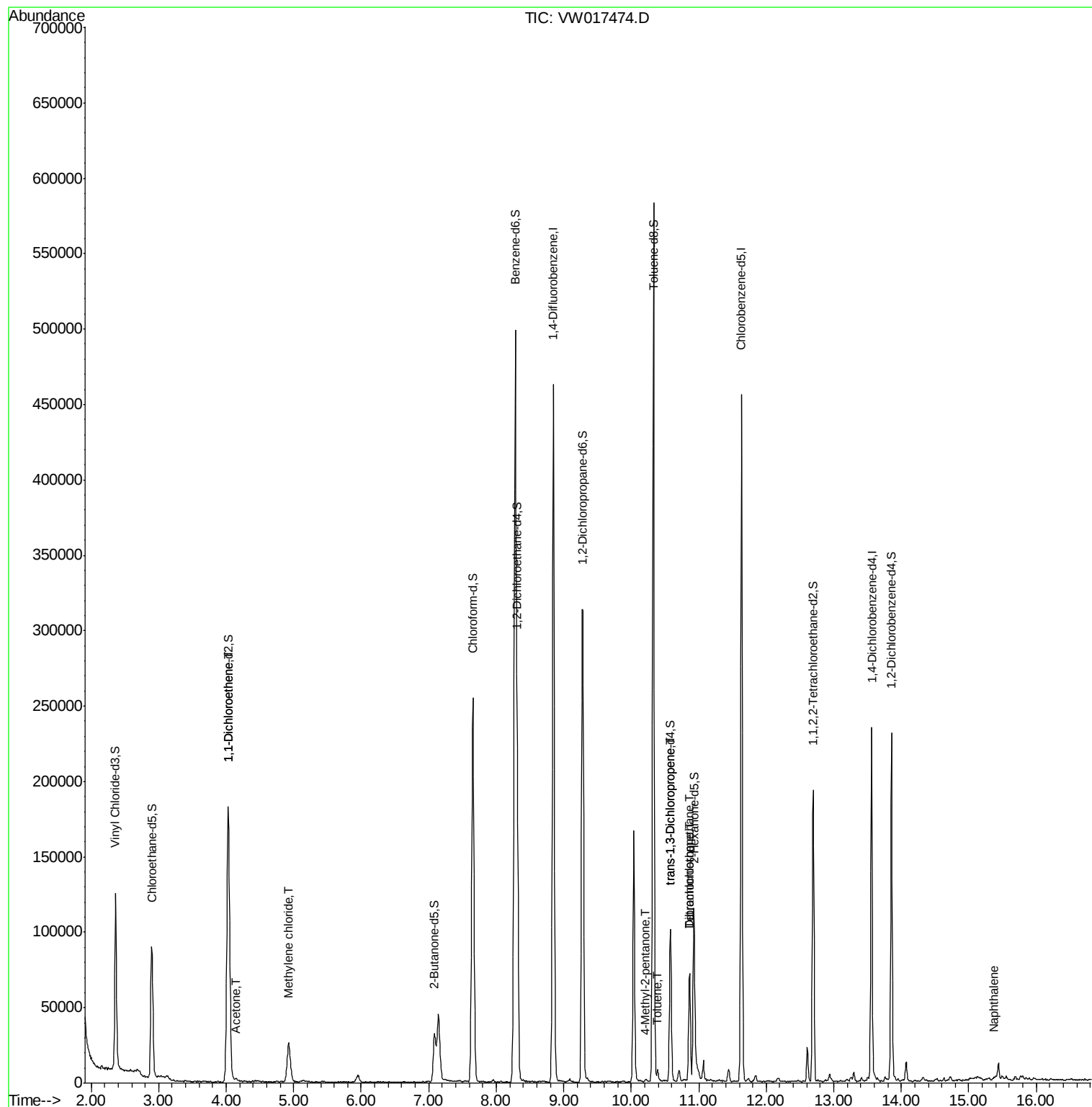
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	1553	0.282	ug/L #	1
13) Acetone	4.15	43	3483	3.290	ug/L	75
16) Methylene chloride	4.93	84	21316	3.580	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	1272	0.749	ug/L #	89
44) Toluene	10.39	91	5204	0.308	ug/L	95
45) trans-1,3-Dichloropropene	10.59	75	2827	0.577	ug/L	86
47) Tetrachloroethene	10.87	164	16954	4.569	ug/L	92
50) Dibromochloromethane	10.87	129	15181	4.396	ug/L #	12
69) Naphthalene	15.36	128	1386	0.377	ug/L #	72

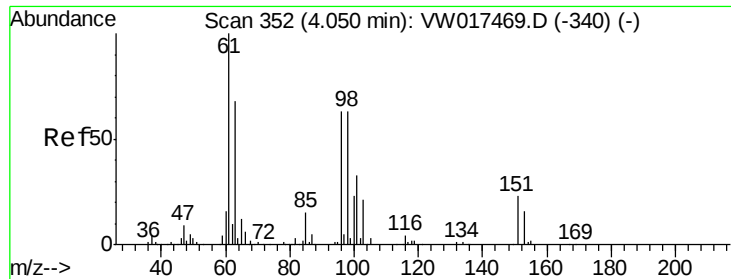
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112420\
Data File : VW017474.D
Acq On : 24 Nov 2020 15:57
Operator : SY/VA
Sample : L4819-17RE
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 25 01:47:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.282 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.02 min

Lab File: VW017474.D

Acq: 24 Nov 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

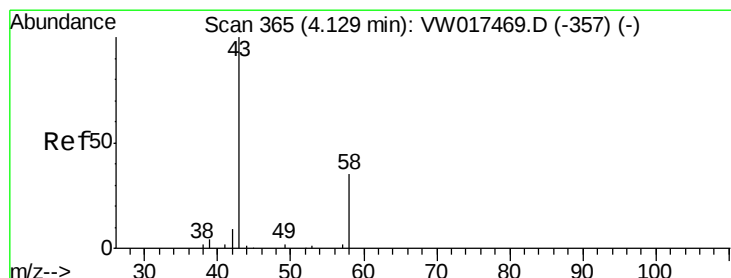
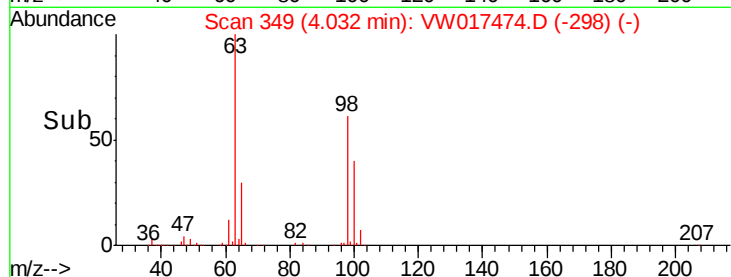
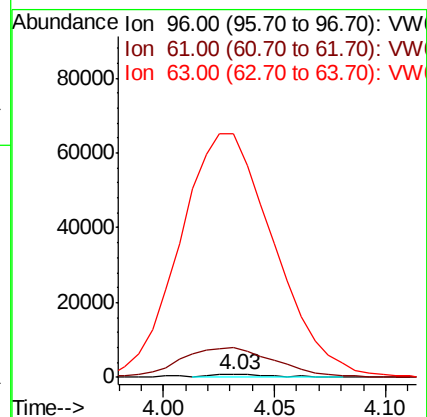
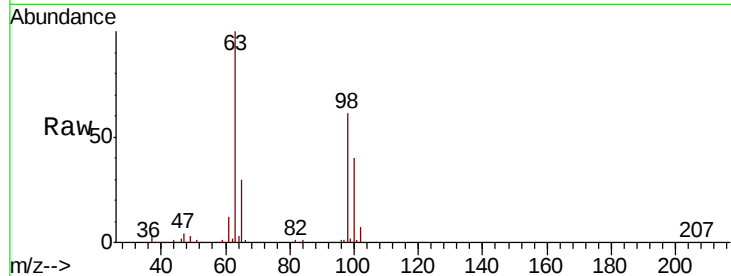
Tot Ion: 96 Resp: 1553

Ion Ratio Lower Upper

96 100

61 1129.6 112.5 208.9#

63 9389.9 83.1 154.3#



#13

Acetone

Concen: 3.290 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017474.D

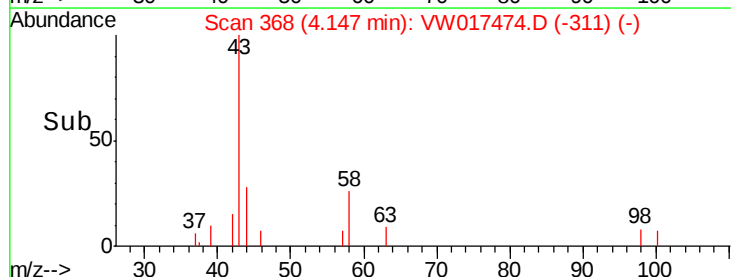
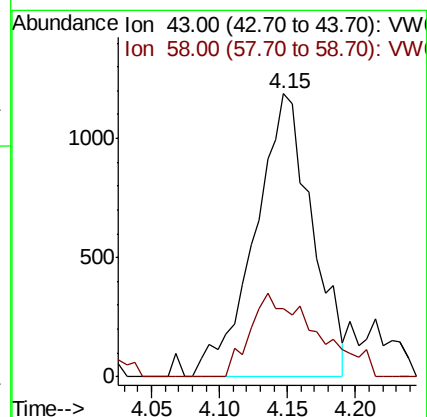
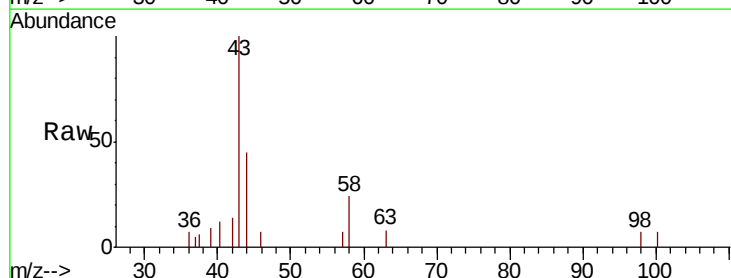
Acq: 24 Nov 2020 15:57

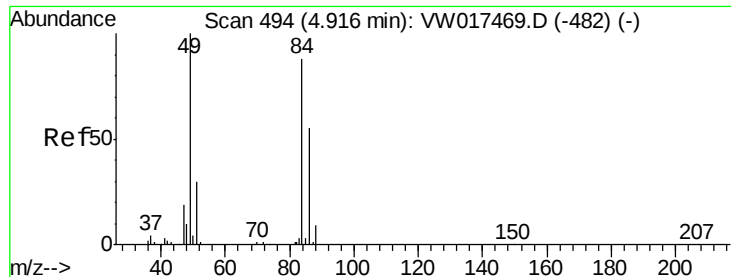
Tgt Ion: 43 Resp: 3483

Ion Ratio Lower Upper

43 100

58 19.9 0.0 68.4

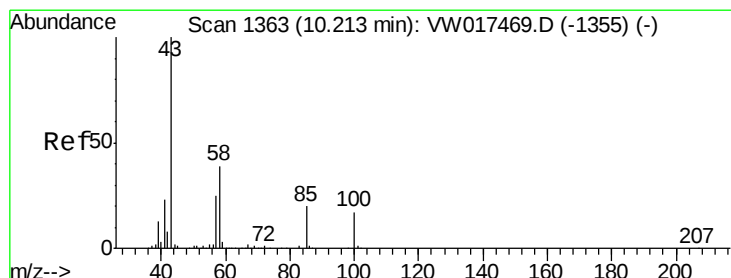
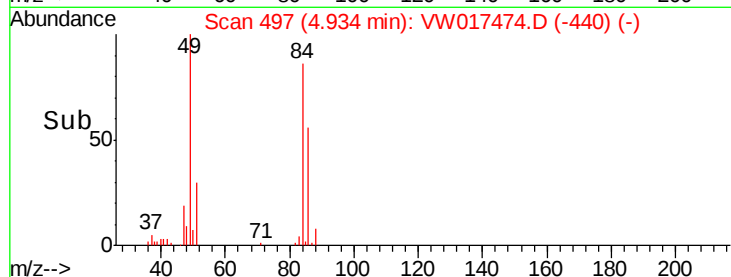
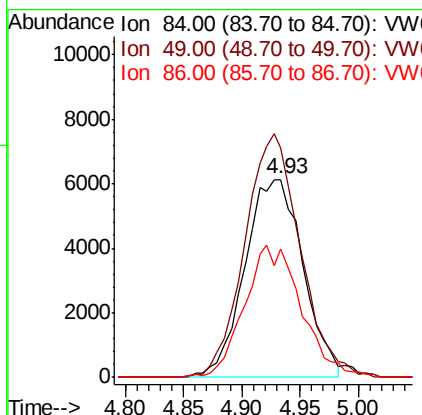
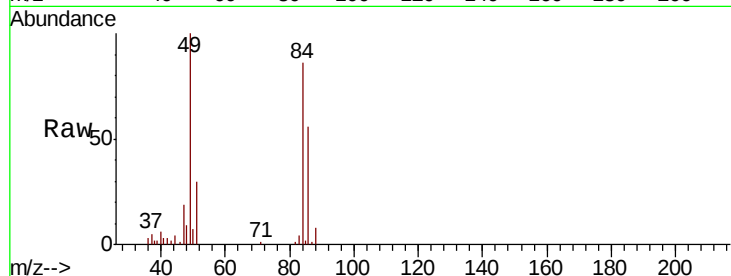




#16
Methylene chloride
Concen: 3.580 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW017474.D
Acq: 24 Nov 2020 15:57

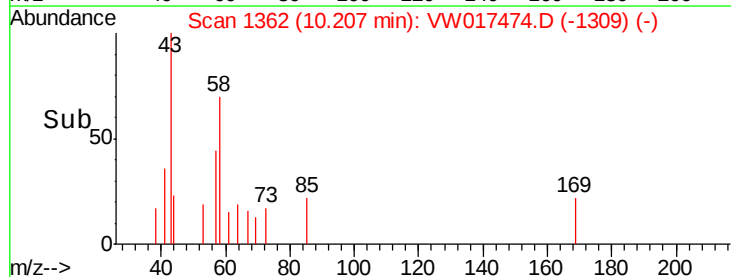
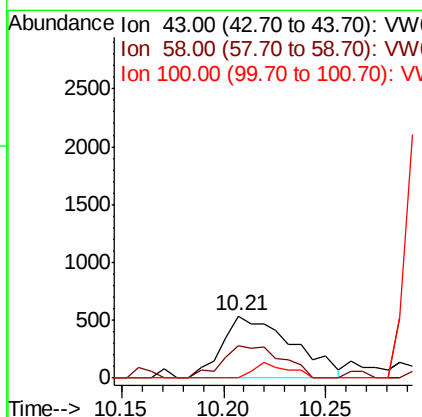
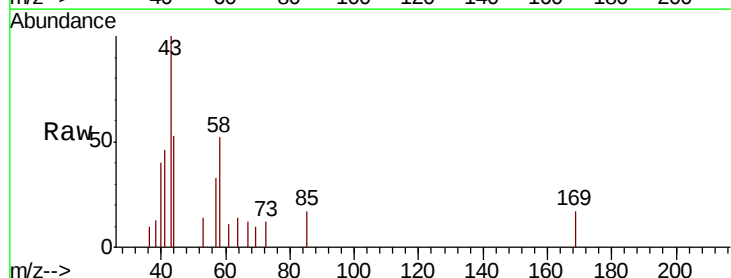
Instrument :
MSVOA_W
ClientSampled :

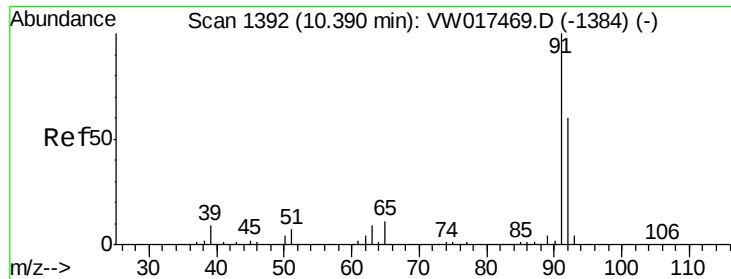
Tot Ion: 84 Resp: 21316
Ion Ratio Lower Upper
84 100
49 115.9 81.2 150.8
86 65.1 44.5 82.7



#43
4-Methyl-2-pentanone
Concen: 0.749 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW017474.D
Acq: 24 Nov 2020 15:57

Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 45.1 31.6 47.4
100 10.4 14.1 21.1#





#44

Toluene

Concen: 0.308 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017474.D

Acq: 24 Nov 2020 15:57

Instrument :

MSVOA_W

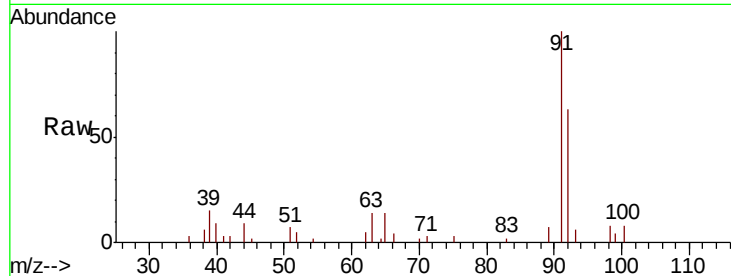
ClientSampled :

Tot Ion: 91 Resp: 5204

Ion Ratio Lower Upper

91 100

92 62.9 41.6 77.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

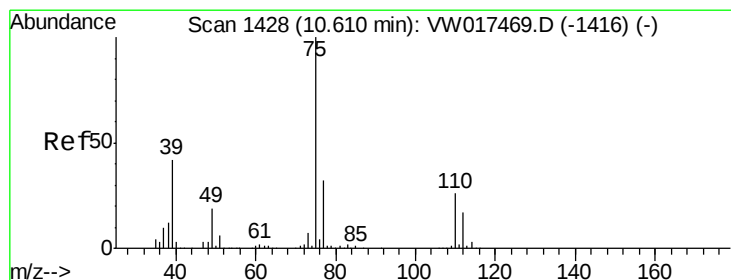
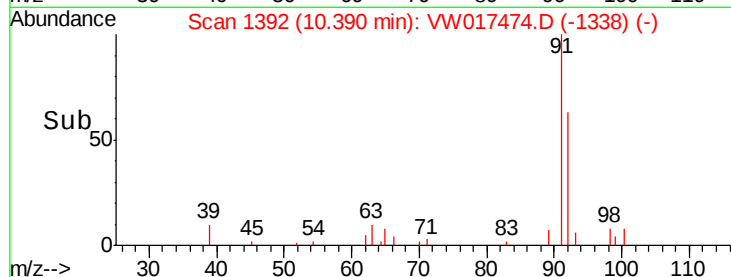
3000

2000

1000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.577 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017474.D

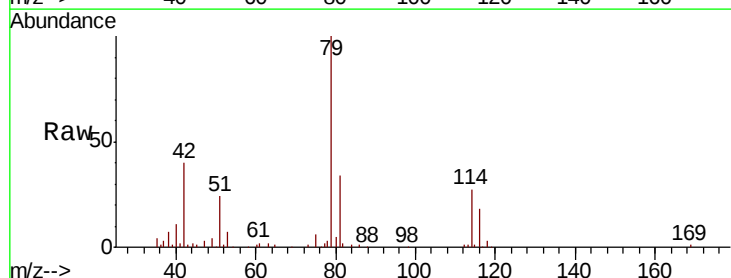
Acq: 24 Nov 2020 15:57

Tgt Ion: 75 Resp: 2827

Ion Ratio Lower Upper

75 100

77 40.2 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.59

2000

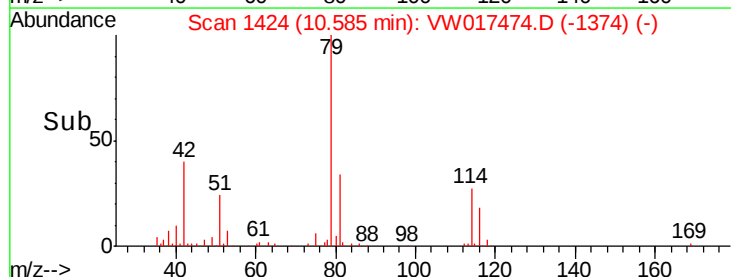
1500

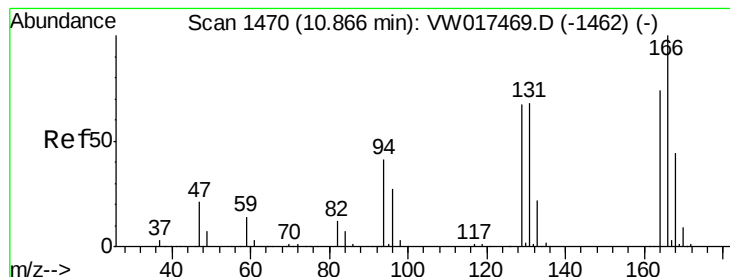
1000

500

0

Time-->





#47

Tetrachloroethene

Concen: 4.569 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017474.D

Acq: 24 Nov 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 16954

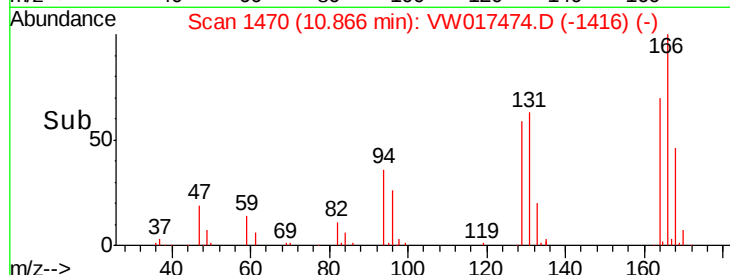
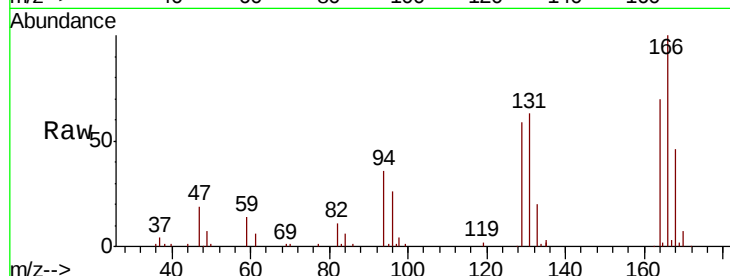
Ion Ratio Lower Upper

164 100

129 84.2 67.6 125.6

131 90.9 65.2 121.2

166 143.7 93.2 173.2

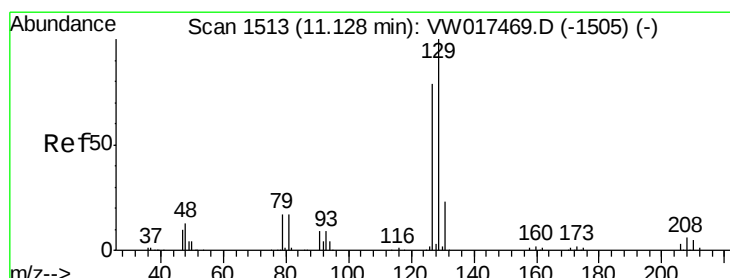
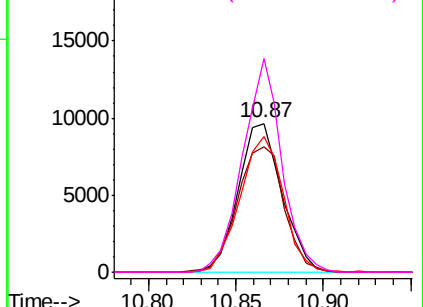


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 4.396 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW017474.D

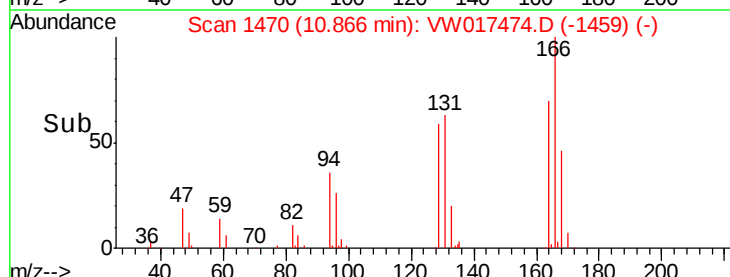
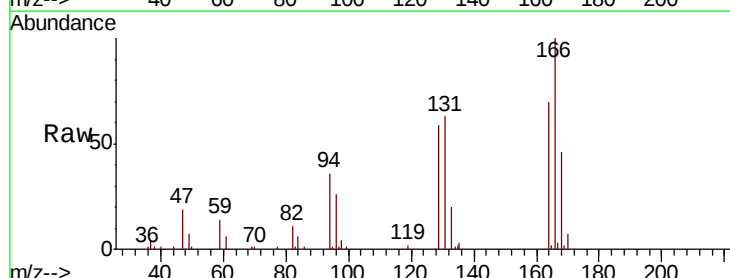
Acq: 24 Nov 2020 15:57

Tgt Ion:129 Resp: 15181

Ion Ratio Lower Upper

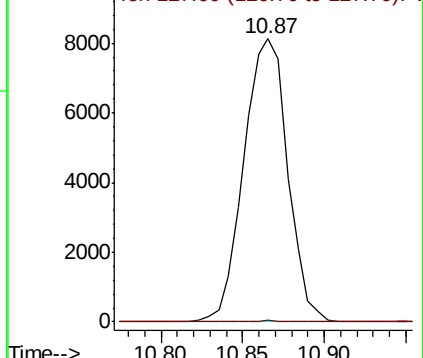
129 100

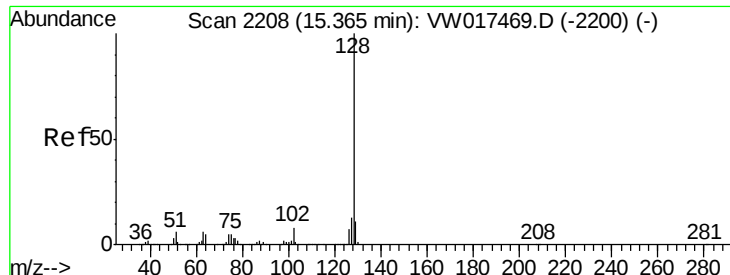
127 0.7 53.2 98.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#69

Naphthalene

Concen: 0.377 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

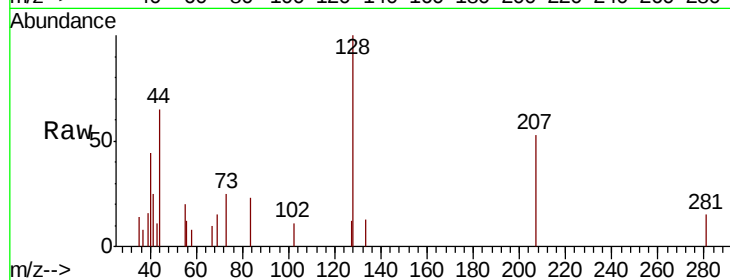
Lab File: VW017474.D

Acq: 24 Nov 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :



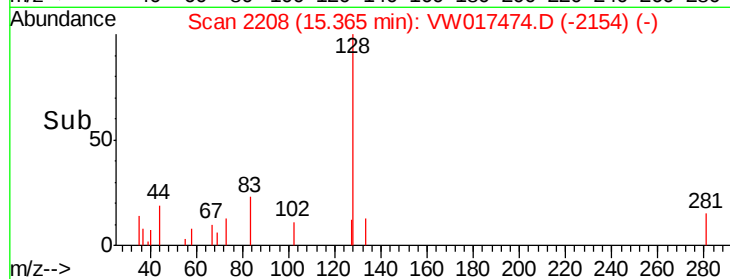
Tot Ion:128 Resp: 1386

Ion Ratio Lower Upper

128 100

129 3.1 8.7 13.1#

127 0.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

800

600

400

200

0

15.30

15.35

15.40

Time-->