

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017470.D
 Acq On : 24 Nov 2020 14:24
 Operator : SY/VA
 Sample : VW1124SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:47:01 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	402825	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129612	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
7) Chloroethane-d5	2.90	69	102020	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
10) 1,1-Dichloroethene-d2	4.03	63	208884	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.84%
20) 2-Butanone-d5	7.09	46	67539	60.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.88%
24) Chloroform-d	7.65	84	261468	22.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	8.31	65	142309	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
29) Benzene-d6	8.27	84	530267	23.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.32%
33) 1,2-Dichloropropane-d6	9.27	67	149088	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.33	98	488342	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.58	79	68309	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.28%
39) 2-Hexanone-d5	10.93	63	48249	62.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122061	27.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	177341	25.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.76%

Target Compounds

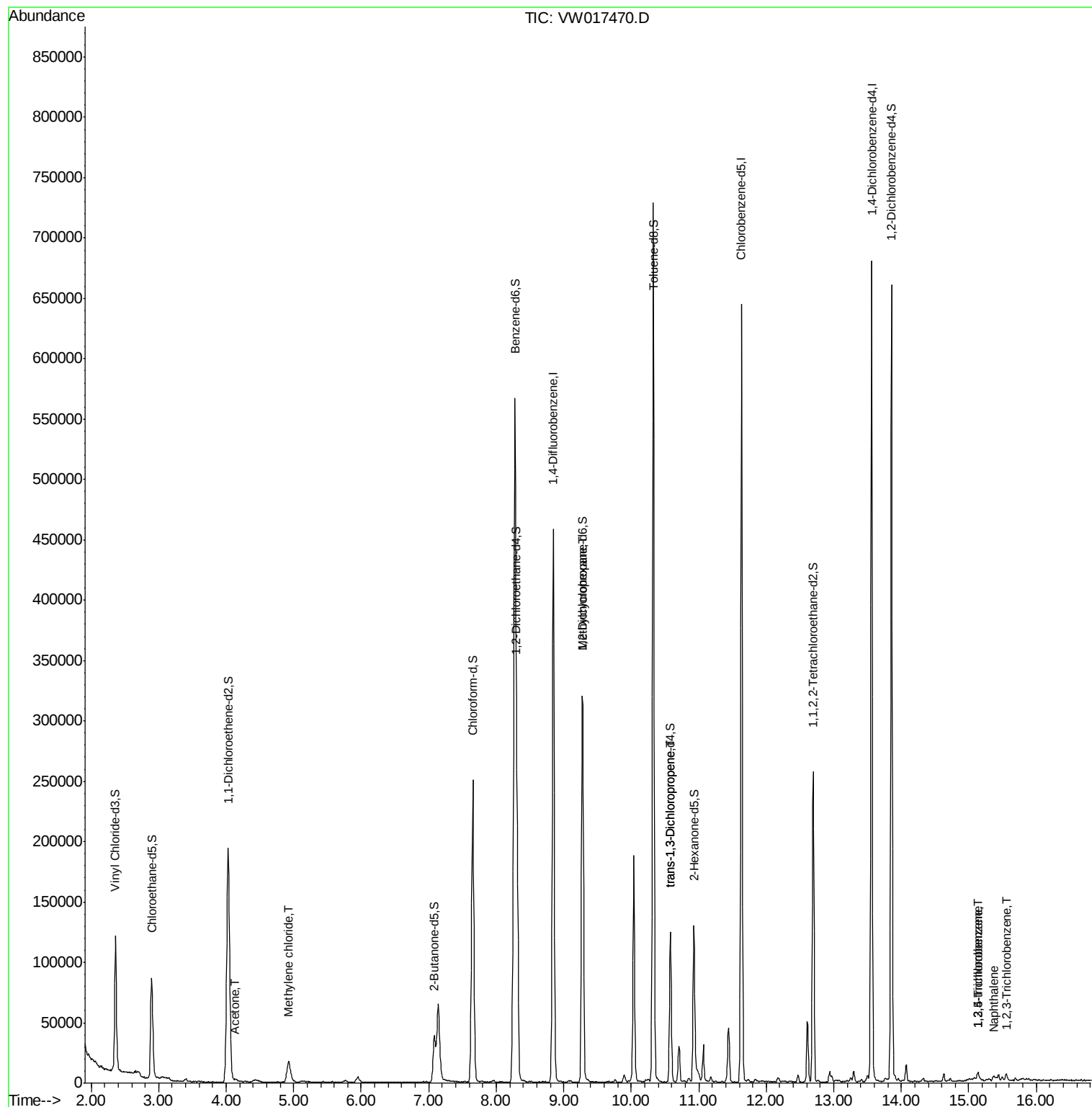
					Ovalue
13) Acetone	4.14	43	1412	1.313 ug/L	43
16) Methylene chloride	4.92	84	15236	2.519 ug/L	92
36) Methylcyclohexane	9.28	83	38382	3.810 ug/L #	19
45) trans-1,3-Dichloropropene	10.59	75	3638	0.531 ug/L	94
67) 1,3,5-Trichlorobenzene	15.13	180	2135	0.250 ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	2135	0.310 ug/L	97
69) Naphthalene	15.36	128	3083	0.290 ug/L #	76
70) 1,2,3-Trichlorobenzene	15.55	180	2056	0.357 ug/L	96

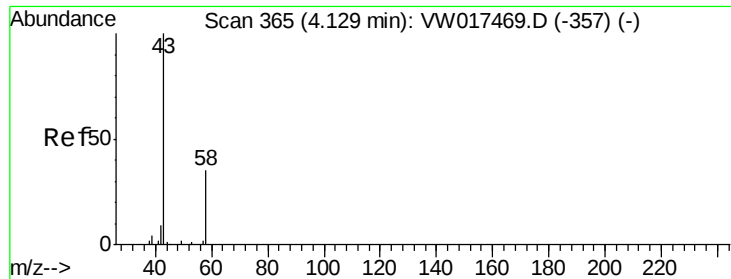
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.313 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017470.D

Acq: 24 Nov 2020 14:24

Instrument :

MSVOA_W

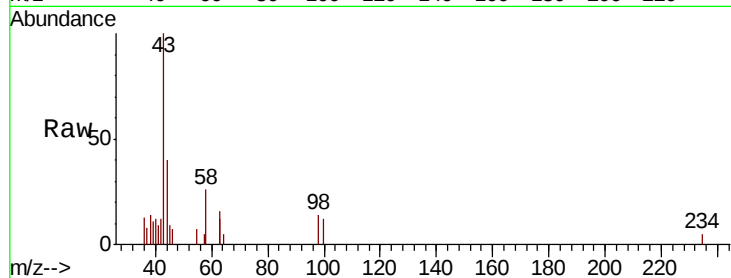
ClientSampled :

Tot Ion: 43 Resp: 1412

Ion Ratio Lower Upper

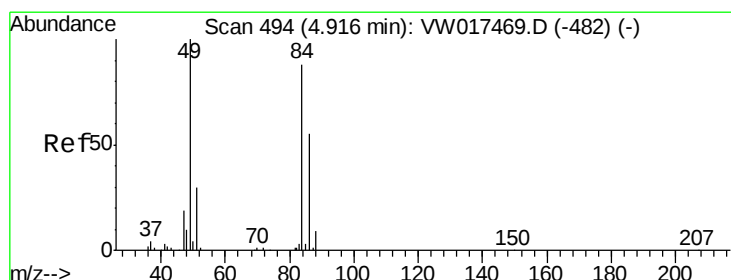
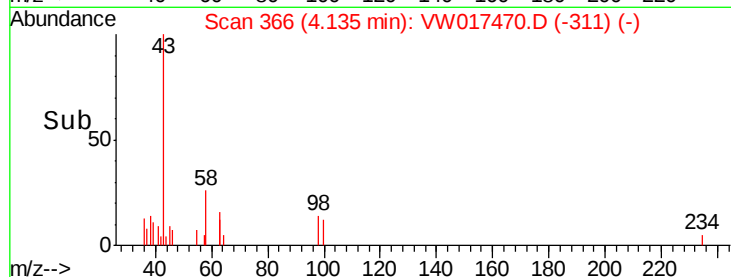
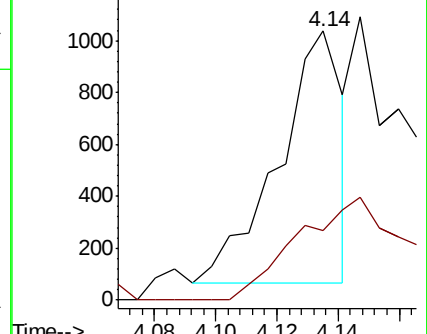
43 100

58 66.7 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.519 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017470.D

Acq: 24 Nov 2020 14:24

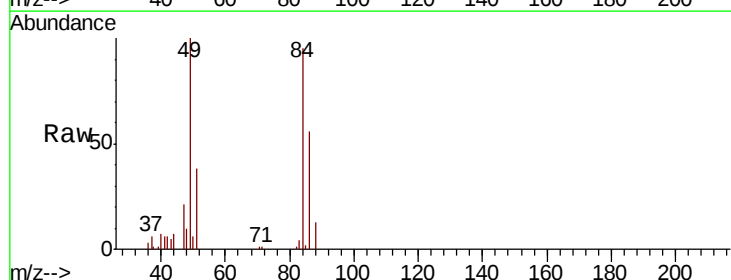
Tgt Ion: 84 Resp: 15236

Ion Ratio Lower Upper

84 100

49 105.4 81.2 150.8

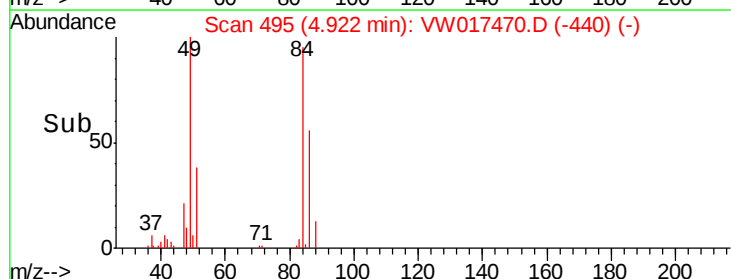
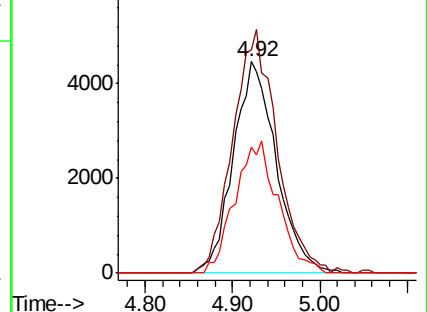
86 59.4 44.5 82.7

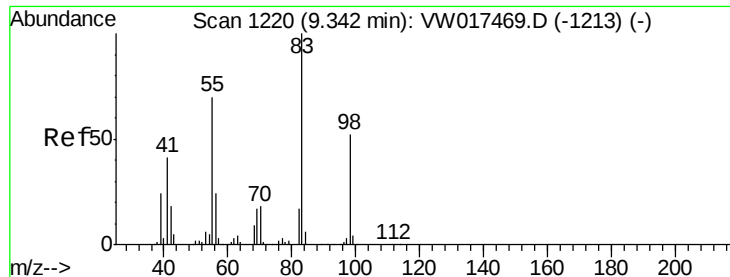


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

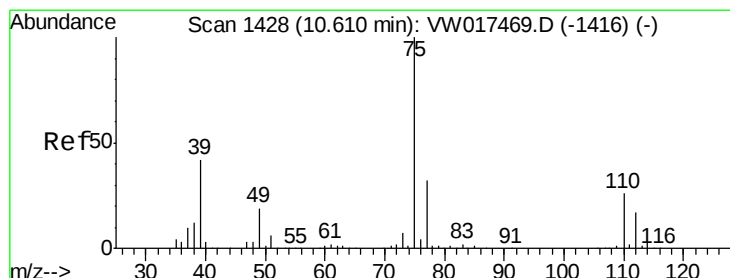
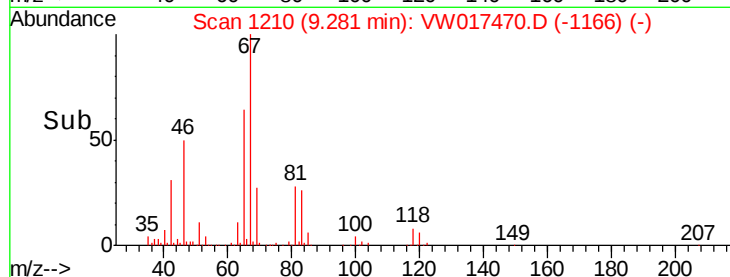
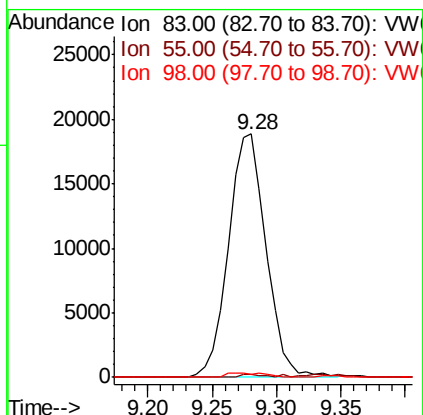
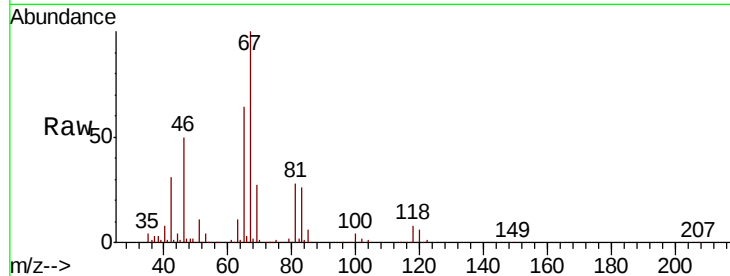




#36
Methylcyclohexane
Concen: 3.810 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW017470.D
Acq: 24 Nov 2020 14:24

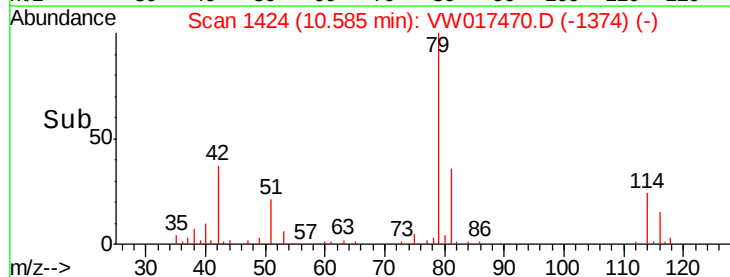
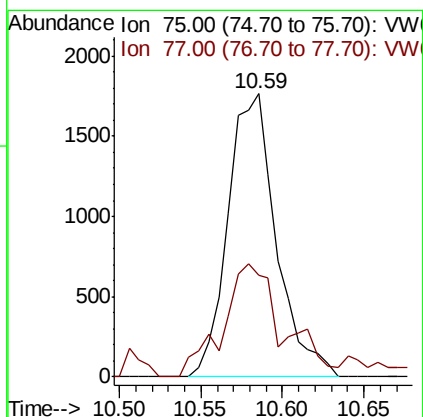
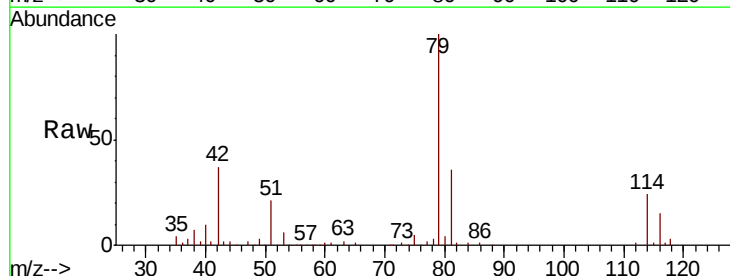
Instrument :
MSVOA_W
ClientSampled :

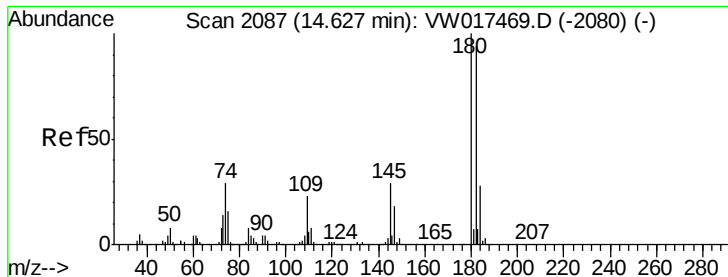
Tot Ion: 83 Resp: 38382
Ion Ratio Lower Upper
83 100
55 0.5 59.4 89.0#
98 1.2 40.7 61.1#



#45
trans-1,3-Dichloropropene
Concen: 0.531 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017470.D
Acq: 24 Nov 2020 14:24

Tgt Ion: 75 Resp: 3638
Ion Ratio Lower Upper
75 100
77 35.7 22.6 42.0

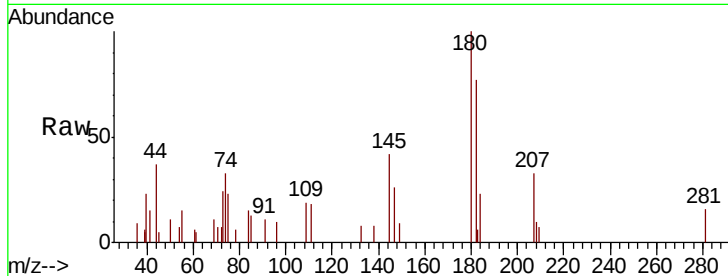




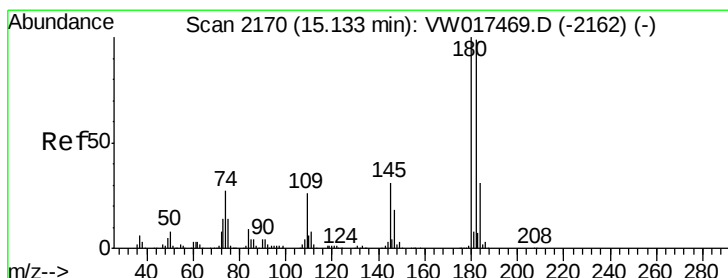
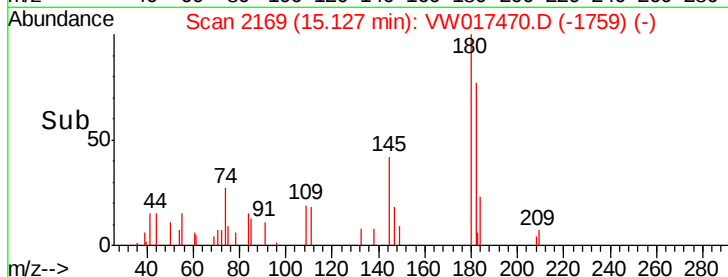
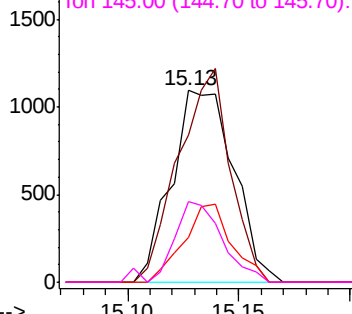
#67
 1,3,5-Trichlorobenzene
 Concen: 0.250 ug/L
 RT: 15.13 min Scan# 2169
 Delta R.T. 0.50 min
 Lab File: VW017470.D
 Acq: 24 Nov 2020 14:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	2135	
Ion Ratio	Lower	Upper	
180 100			
182 92.0	77.0	115.6	
184 31.6	24.2	36.4	
145 31.7	23.5	35.3	

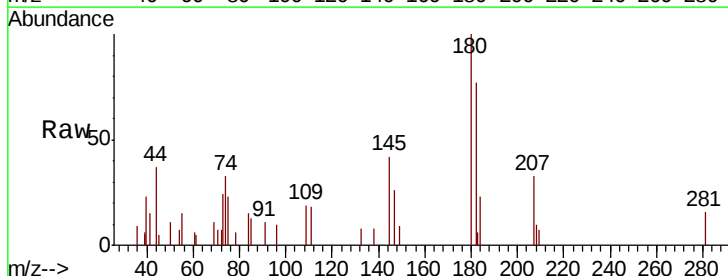


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

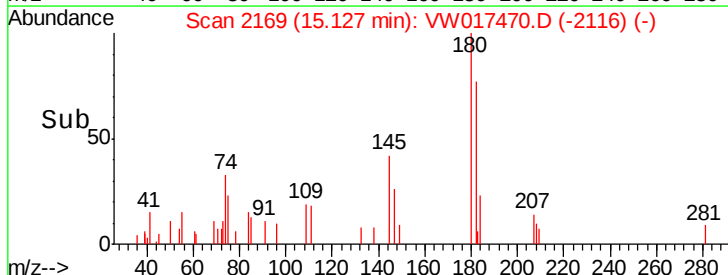
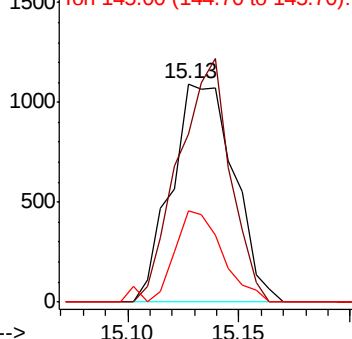


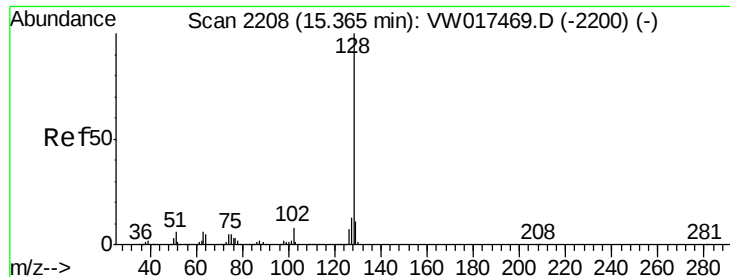
#68
 1,2,4-trichlorobenzene
 Concen: 0.310 ug/L
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW017470.D
 Acq: 24 Nov 2020 14:24

Tgt Ion:180	Resp: 2135
Ion Ratio	Lower Upper
180 100	
182 92.0	71.3 106.9
145 31.7	24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 0.290 ug/L

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW017470.D

Acq: 24 Nov 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

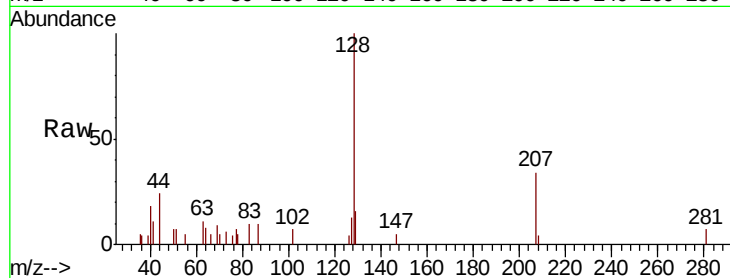
Tot Ion:128 Resp: 3083

Ion Ratio Lower Upper

128 100

129 6.2 8.7 13.1#

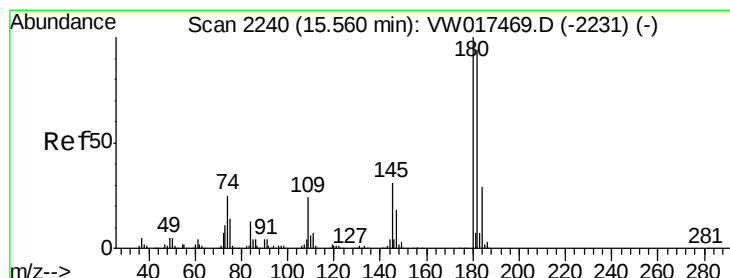
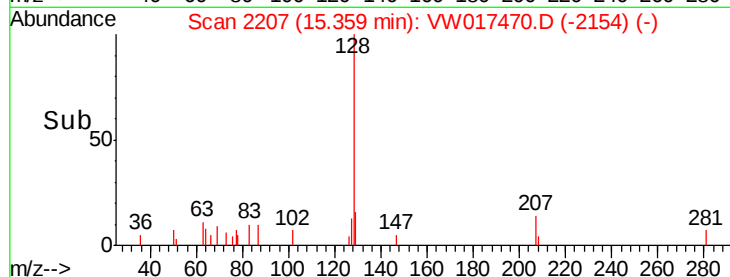
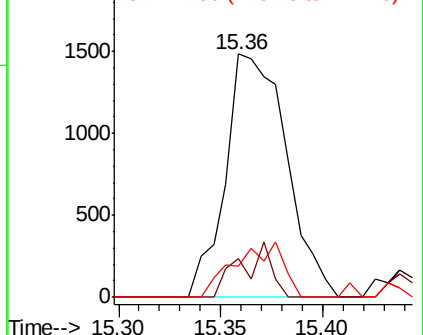
127 0.0 10.7 16.1#



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



#70

1,2,3-Trichlorobenzene

Concen: 0.357 ug/L

RT: 15.55 min Scan# 2238

Delta R.T. -0.01 min

Lab File: VW017470.D

Acq: 24 Nov 2020 14:24

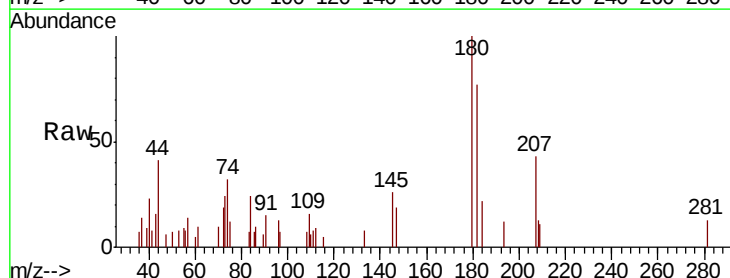
Tgt Ion:180 Resp: 2056

Ion Ratio Lower Upper

180 100

182 89.2 74.7 112.1

145 32.9 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

