

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017240.D
 Acq On : 15 Nov 2020 16:02
 Operator : SY/VA
 Sample : L4739-01
 Misc : 3.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z0

Quant Time: Nov 16 09:56:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	446803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406451	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99368	17.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.64%
7) Chloroethane-d5	2.89	69	89907	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
10) 1,1-Dichloroethene-d2	4.03	63	159766	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	7.09	46	53904	42.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.66%
24) Chloroform-d	7.65	84	241833	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.31	65	130152	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.40%
29) Benzene-d6	8.28	84	473963	22.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.60%
33) 1,2-Dichloropropane-d6	9.28	67	132992	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.32	98	464917	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.58	79	59715	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	10.93	63	48107	48.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116989	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	169434	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%

Target Compounds

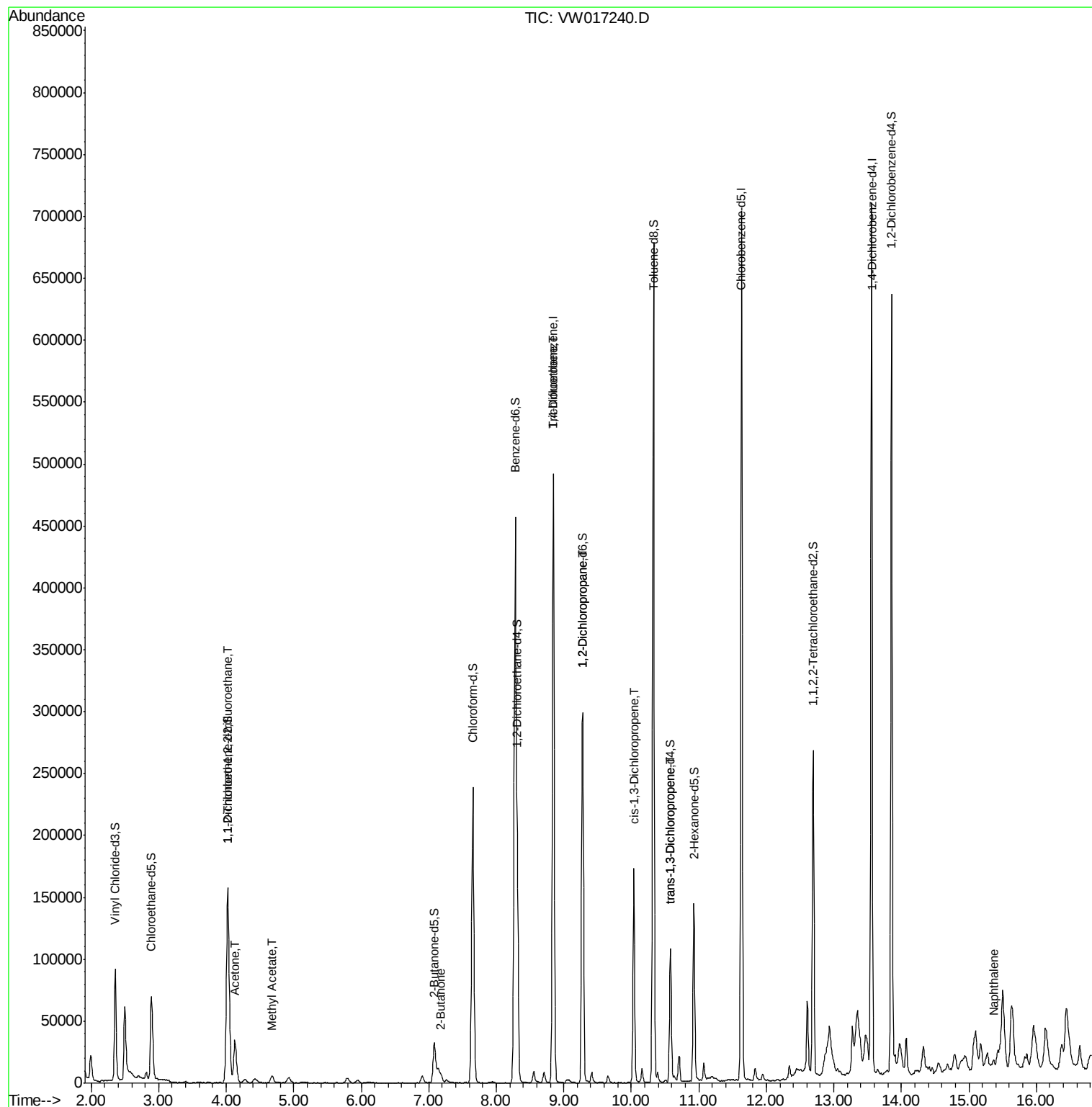
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1935	0.336	ug/L #	17
13) Acetone	4.14	43	63440	75.285	ug/L	95
15) Methyl Acetate	4.68	43	11464	5.489	ug/L #	78
21) 2-Butanone	7.18	43	8815	6.515	ug/L	95
35) Trichloroethene	8.85	95	13535	2.264	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16336	3.274	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4836	0.612	ug/L #	53
45) trans-1,3-Dichloropropene	10.59	75	3269	0.482	ug/L	95
69) Naphthalene	15.36	128	3465	0.262	ug/L #	96

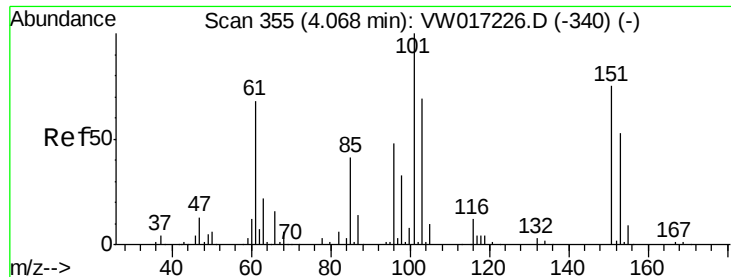
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 16 09:47:42 2020
Response via : Initial Calibration





#11

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

Concen: 0.336 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017240.D

Acq: 15 Nov 2020 16:02

Instrument :

MSVOA_W

ClientSampled :

GB0Z0

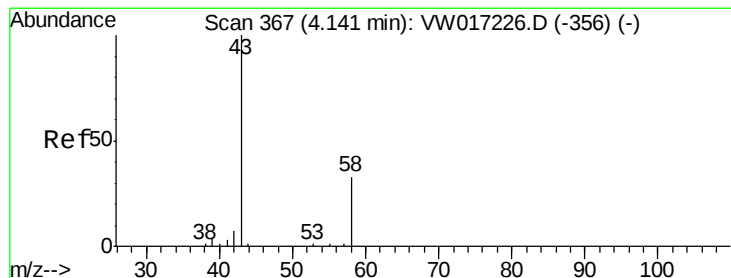
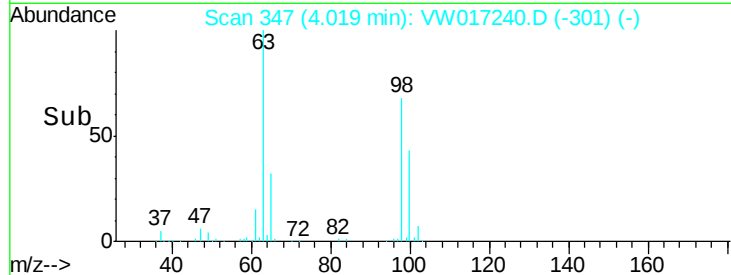
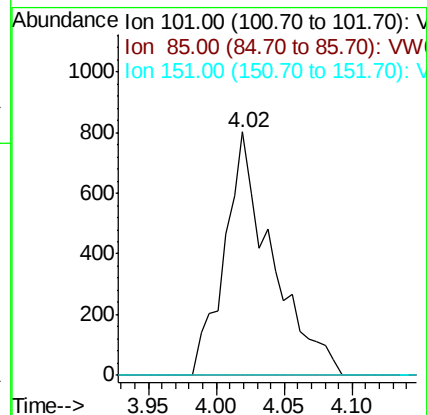
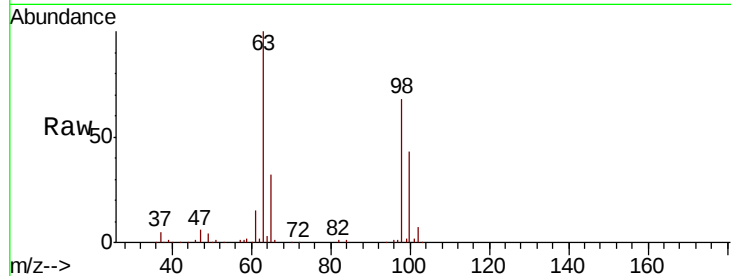
Tot Ion:101 Resp: 1935

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.4 98.2#



#13

Acetone

Concen: 75.285 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017240.D

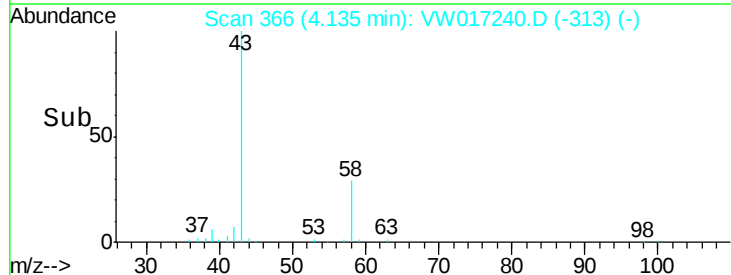
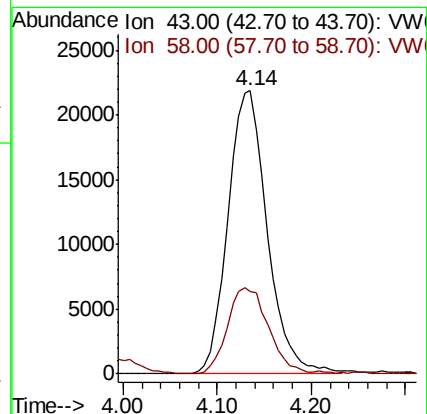
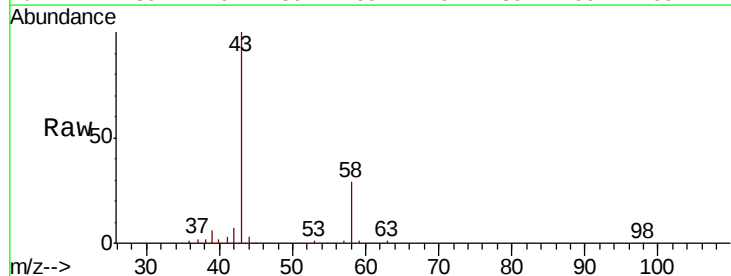
Acq: 15 Nov 2020 16:02

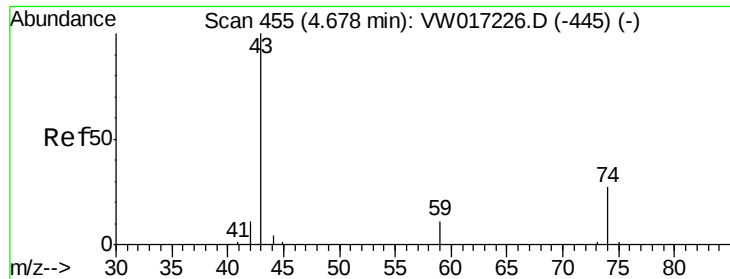
Tgt Ion: 43 Resp: 63440

Ion Ratio Lower Upper

43 100

58 31.6 0.0 69.2

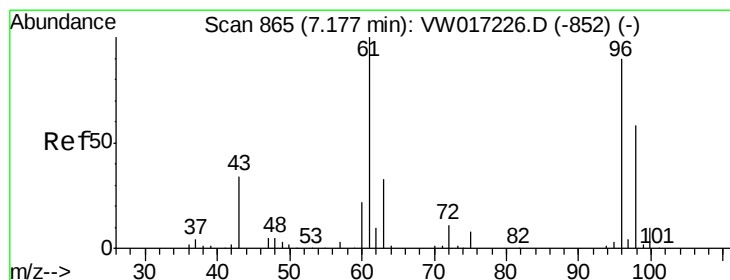
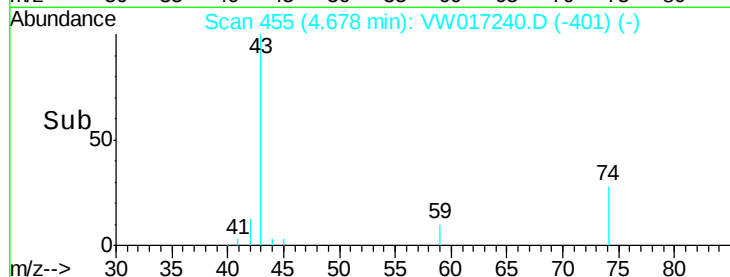
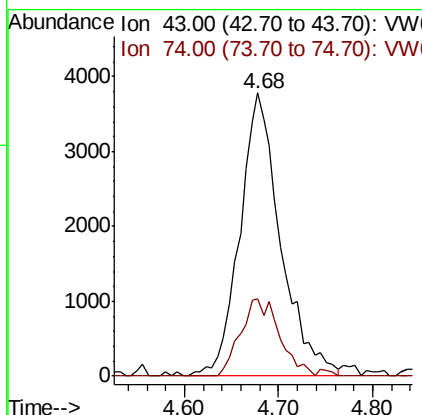
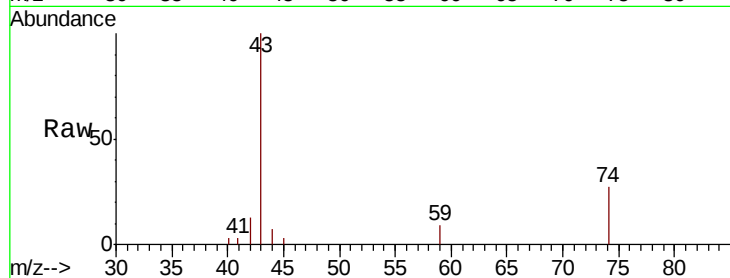




#15
Methvl Acetate
Concen: 5.489 ug/L
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW017240.D
Acq: 15 Nov 2020 16:02

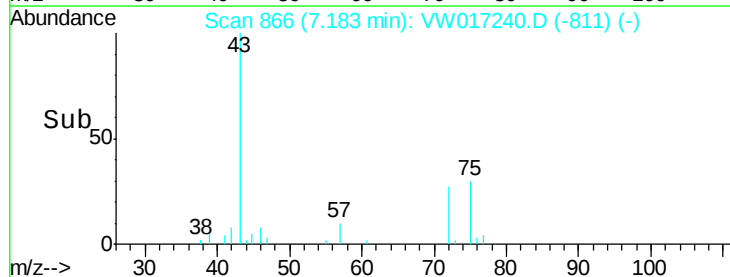
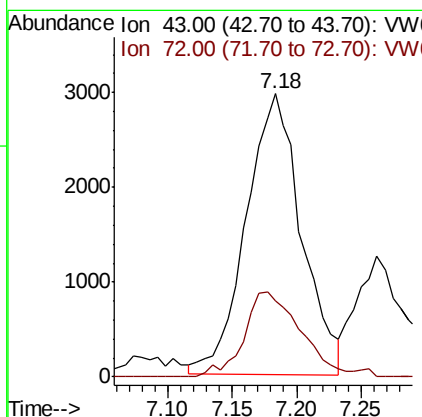
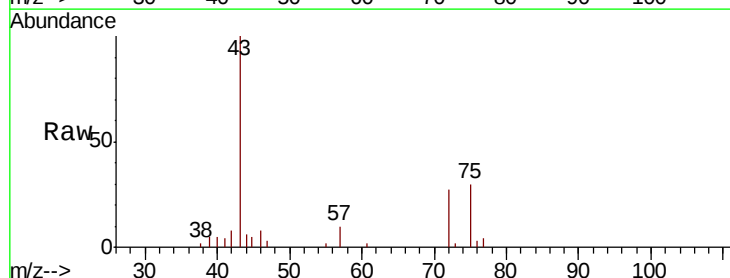
Instrument :
MSVOA_W
ClientSampled :
GB0Z0

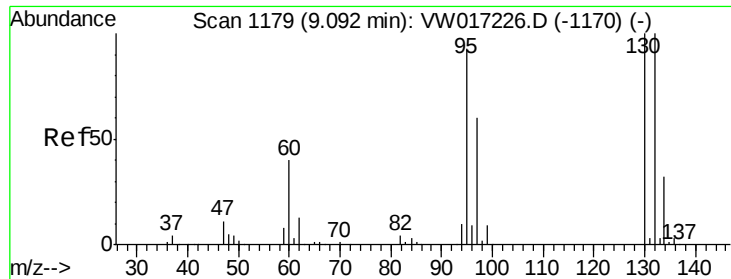
Tot Ion: 43 Resp: 11464
Ion Ratio Lower Upper
43 100
74 15.8 21.5 32.3#



#21
2-Butanone
Concen: 6.515 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017240.D
Acq: 15 Nov 2020 16:02

Tgt Ion: 43 Resp: 8815
Ion Ratio Lower Upper
43 100
72 29.6 16.1 48.3

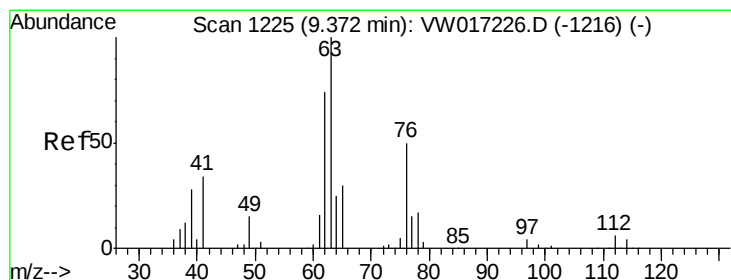
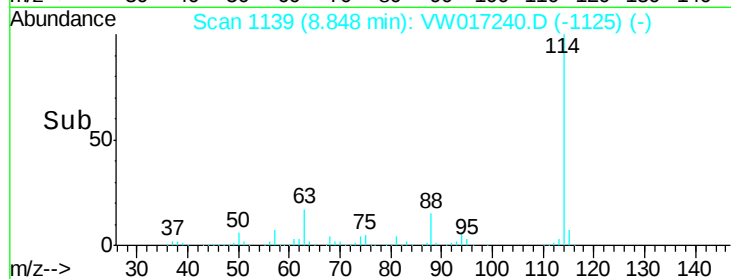
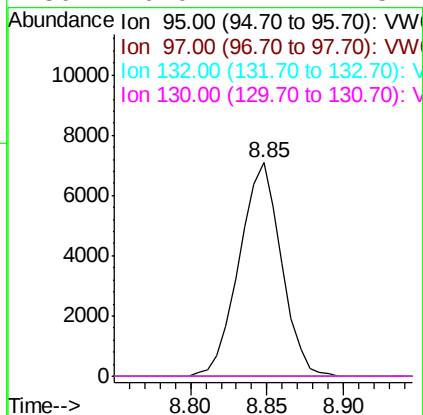
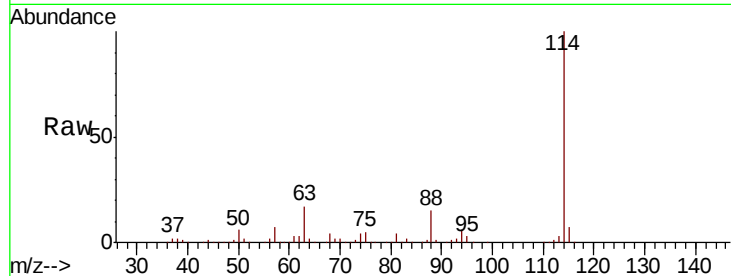




#35
 Trichloroethene
 Concen: 2.264 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW017240.D
 Acq: 15 Nov 2020 16:02

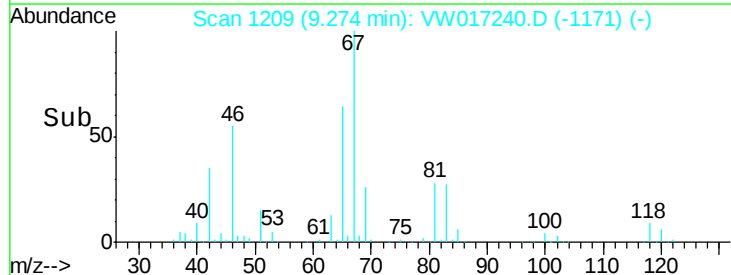
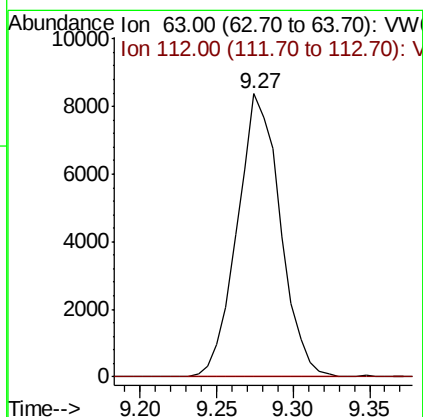
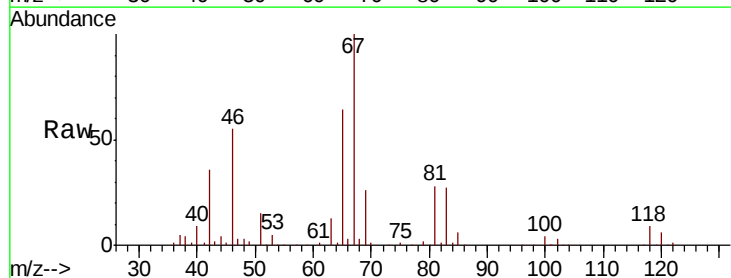
Instrument :
 MSVOA_W
 ClientSampled :
 GB0Z0

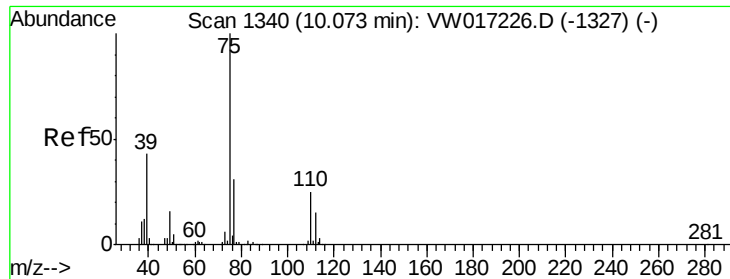
Tot Ion: 95 Resp: 13535
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 73.7 136.9#
 130 0.0 77.1 143.1#



#40
 1,2-Dichloropropane
 Concen: 3.274 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017240.D
 Acq: 15 Nov 2020 16:02

Tgt Ion: 63 Resp: 16336
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#





#42

cis-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017240.D

Acq: 15 Nov 2020 16:02

Instrument :

MSVOA_W

ClientSampled :

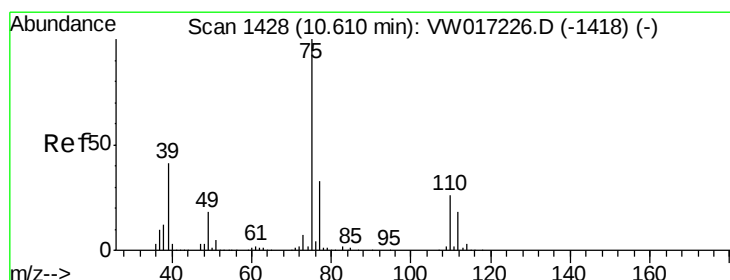
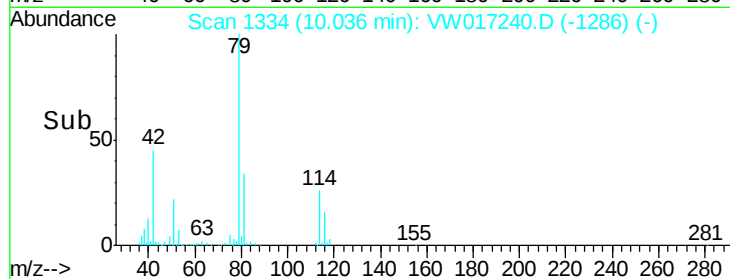
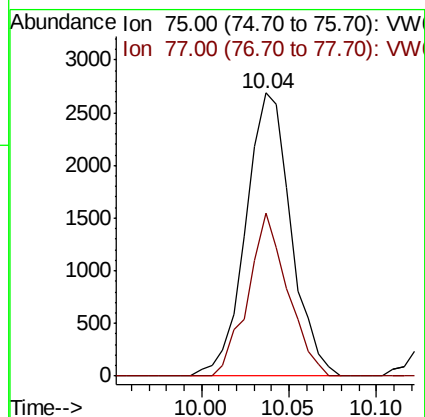
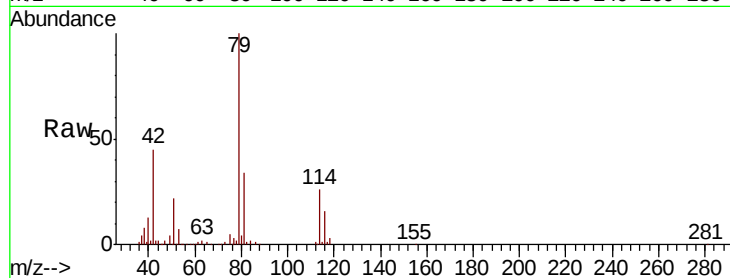
GB0Z0

Tot Ion: 75 Resp: 4836

Ion Ratio Lower Upper

75 100

77 57.6 22.0 41.0#



#45

trans-1,3-Dichloropropene

Concen: 0.482 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017240.D

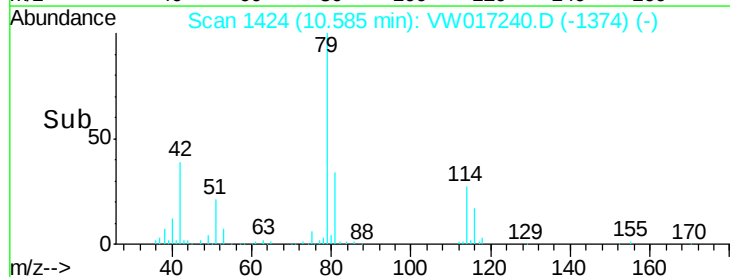
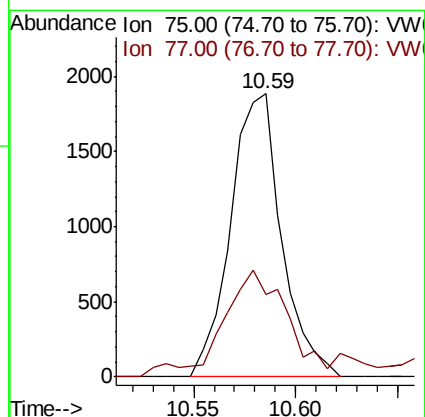
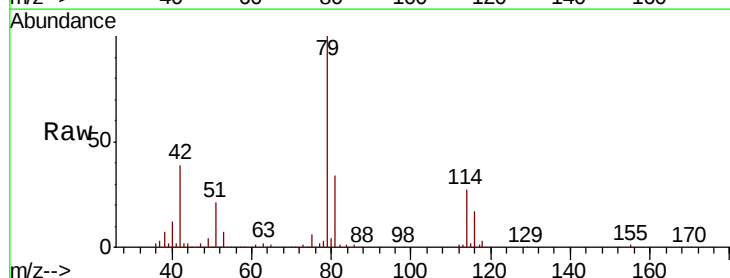
Acq: 15 Nov 2020 16:02

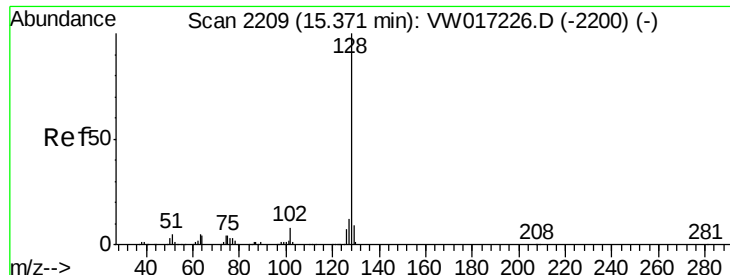
Tgt Ion: 75 Resp: 3269

Ion Ratio Lower Upper

75 100

77 29.1 22.1 41.1





#69

Naphthalene

Concen: 0.262 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW017240.D

Acq: 15 Nov 2020 16:02

Instrument :

MSVOA_W

ClientSampleId :

GB0Z0

Tot Ion:128 Resp: 3465

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 15.6 10.2 15.2#

