

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017476.D
 Acq On : 24 Nov 2020 16:44
 Operator : SY/VA
 Sample : L4819-20RE
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:47:43 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	490081	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	439552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220830	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	144775	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	2.90	69	113018	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
10) 1,1-Dichloroethene-d2	4.15	63	178	0.01	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.09	46	52246	38.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.86%
24) Chloroform-d	7.65	84	306233	21.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	8.31	65	147620	21.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.44%
29) Benzene-d6	8.28	84	617684	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.27	67	170002	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.92%
37) Toluene-d8	10.33	98	578655	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	10.58	79	71611	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	10.93	63	38761	41.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112458	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	196896	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

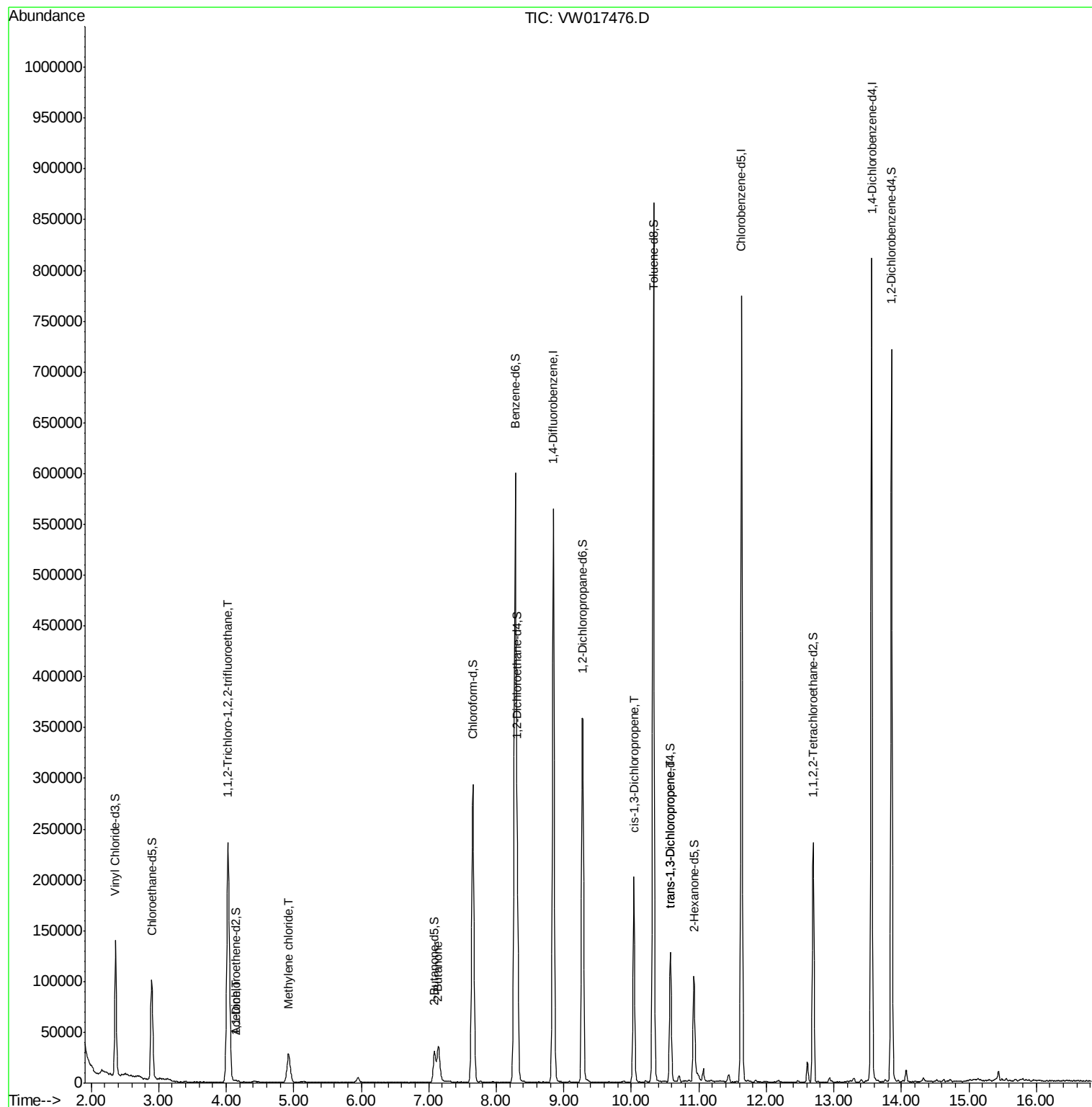
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2603	0.374 ug/L #	35
13) Acetone	4.15	43	1851	1.415 ug/L	100
16) Methylene chloride	4.92	84	10968	1.491 ug/L	93
21) 2-Butanone	7.15	43	1730	1.105 ug/L #	63
42) cis-1,3-Dichloropropene	10.03	75	5295	0.551 ug/L #	68
45) trans-1,3-Dichloropropene	10.59	75	3563	0.433 ug/L	91

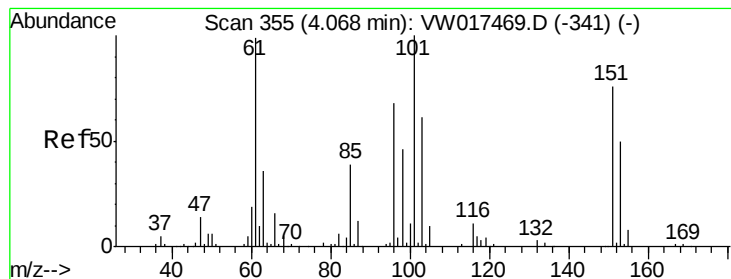
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration





#11

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

Concen: 0.374 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017476.D

Acq: 24 Nov 2020 16:44

Instrument :

MSVOA_W

ClientSampled :

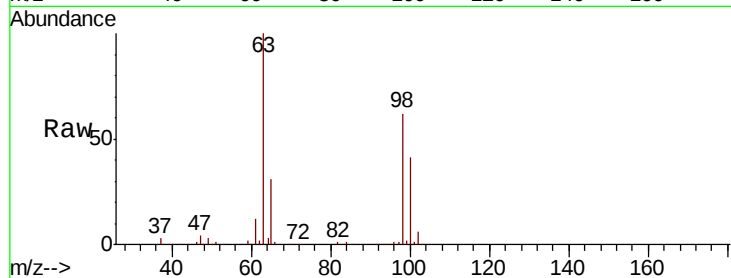
Tot Ion:101 Resp: 2603

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

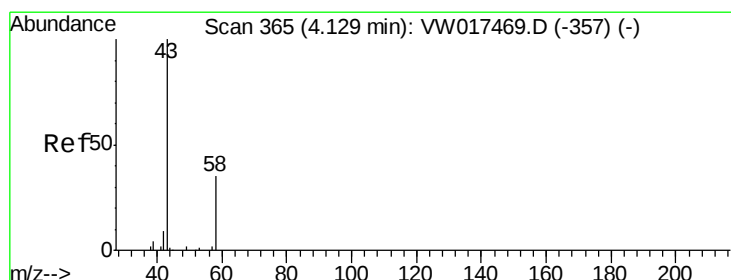
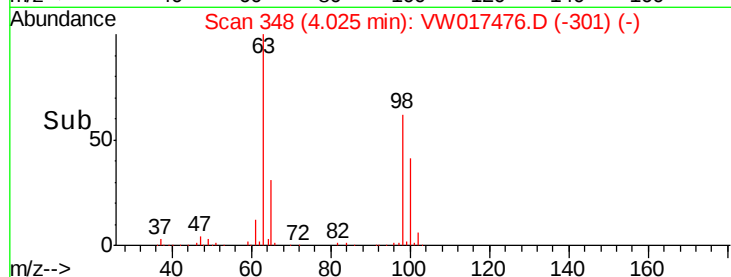
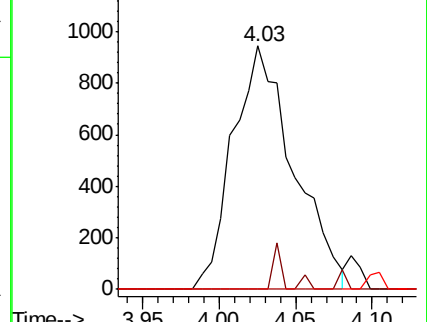
151 0.0 30.4 45.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.415 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017476.D

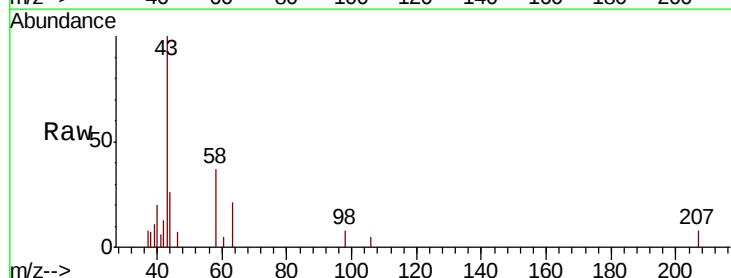
Acq: 24 Nov 2020 16:44

Tgt Ion: 43 Resp: 1851

Ion Ratio Lower Upper

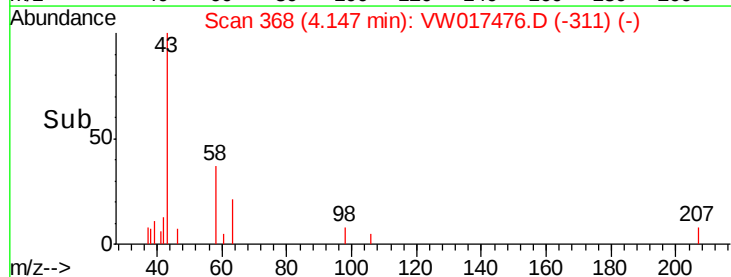
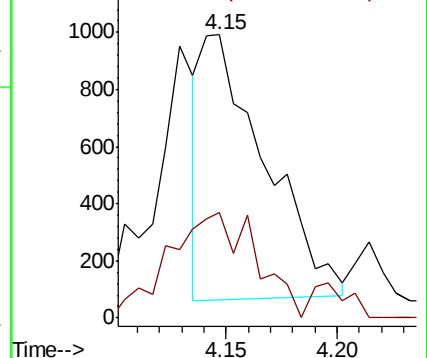
43 100

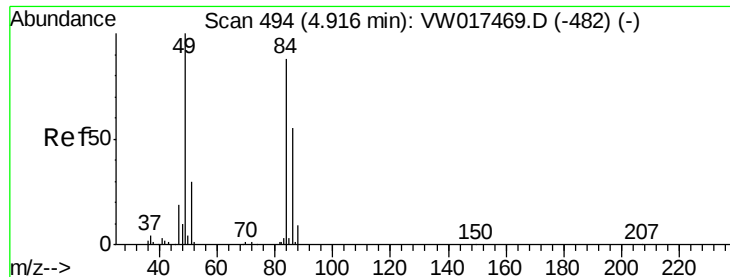
58 34.4 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

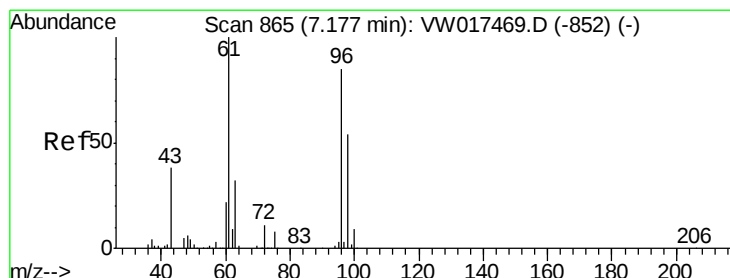
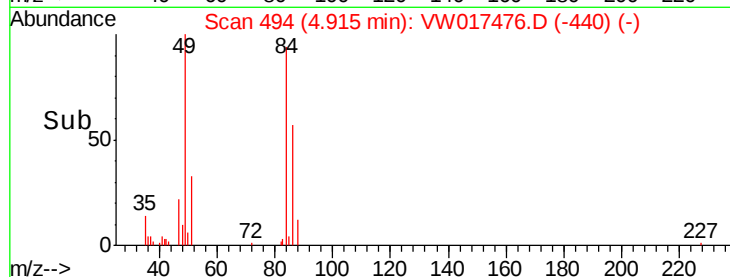
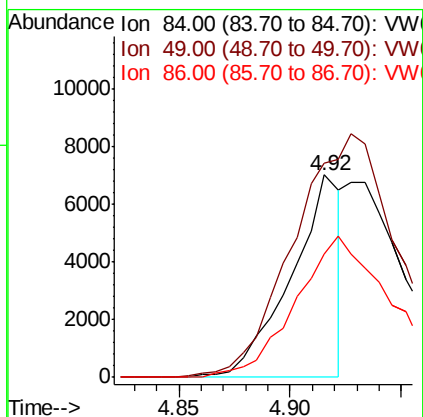
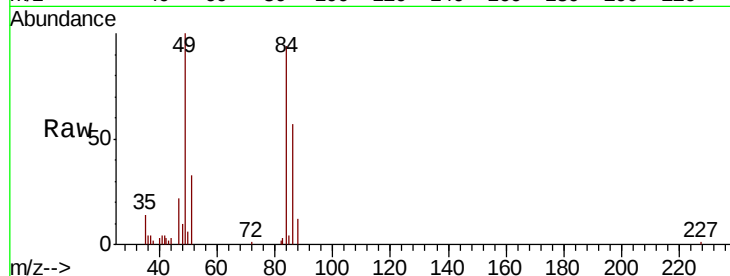




#16
Methvlene chloride
Concen: 1.491 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017476.D
Acq: 24 Nov 2020 16:44

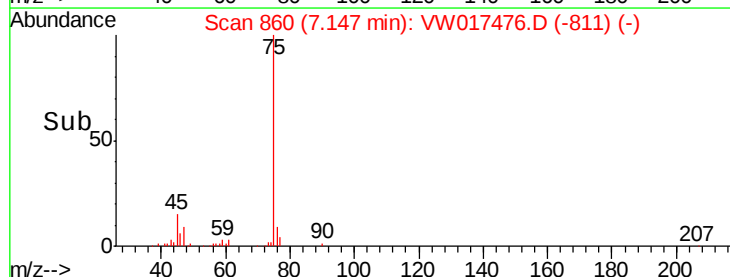
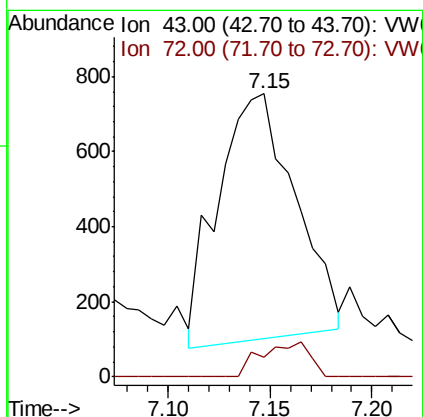
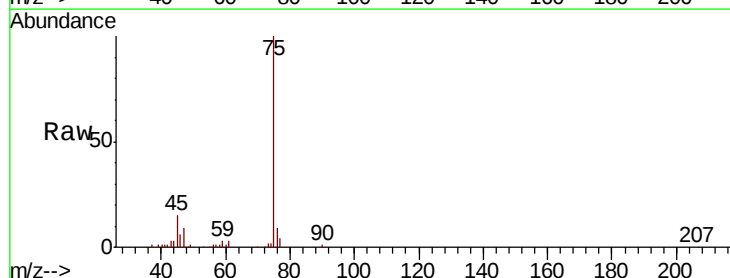
Instrument :
MSVOA_W
ClientSampled :

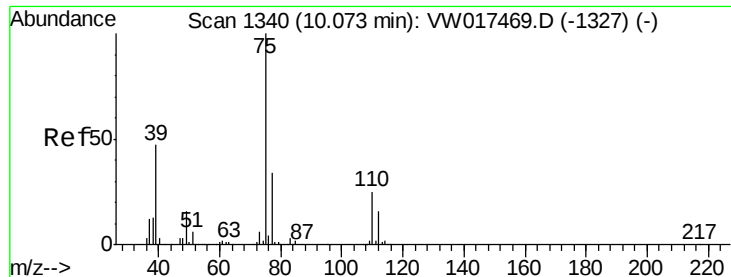
Tot Ion: 84 Resp: 10968
Ion Ratio Lower Upper
84 100
49 106.0 81.2 150.8
86 60.6 44.5 82.7



#21
2-Butanone
Concen: 1.105 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW017476.D
Acq: 24 Nov 2020 16:44

Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
72 8.8 14.4 43.2#





#42

cis-1,3-Dichloropropene

Concen: 0.551 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017476.D

Acq: 24 Nov 2020 16:44

Instrument :

MSVOA_W

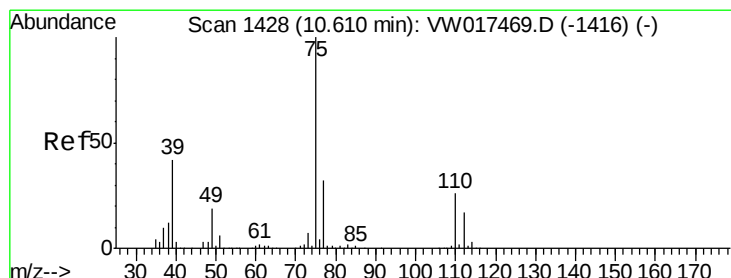
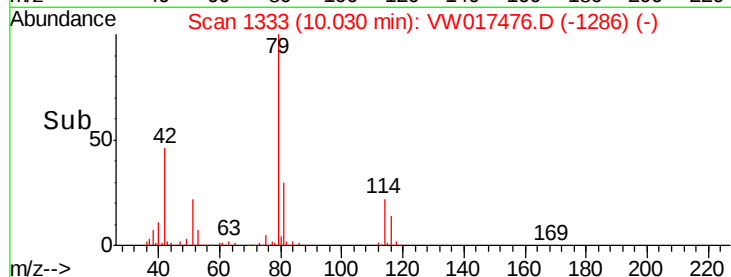
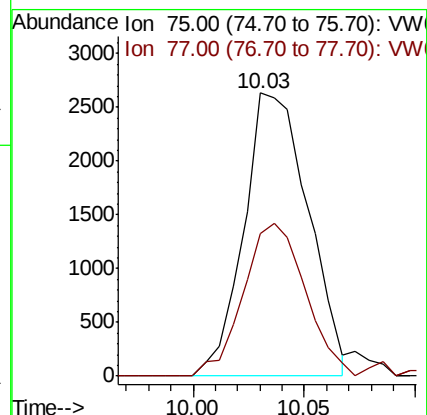
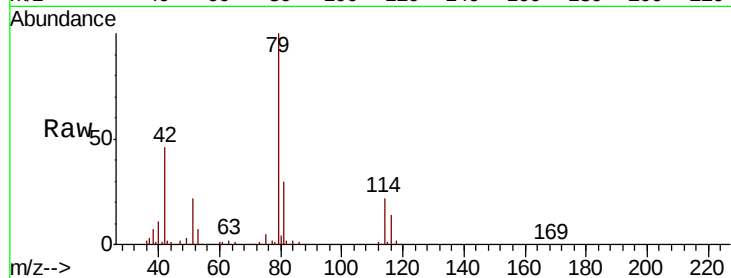
ClientSampleId :

Tot Ion: 75 Resp: 5295

Ion Ratio Lower Upper

75 100

77 50.5 22.7 42.3#



#45

trans-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017476.D

Acq: 24 Nov 2020 16:44

Tgt Ion: 75 Resp: 3563

Ion Ratio Lower Upper

75 100

77 37.2 22.6 42.0

