

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016837.D
 Acq On : 07 Oct 2020 17:12
 Operator : SY/VA
 Sample : L4308-01
 Misc : 5.39G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP6

Quant Time: Oct 08 08:41:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	503832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401003	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129565	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
7) Chloroethane-d5	2.89	69	107749	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.36%
10) 1,1-Dichloroethene-d2	4.02	63	181714	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	7.09	46	44143	39.21	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.42%
24) Chloroform-d	7.65	84	256911	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	8.31	65	135838	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	512869	28.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.64%
33) 1,2-Dichloropropane-d6	9.28	67	141242	28.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.44%
37) Toluene-d8	10.32	98	439077	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.20%
38) trans-1,3-Dichloropropene-	10.58	79	52828	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.88%
39) 2-Hexanone-d5	10.93	63	36997	48.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96717	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	97904	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

Target Compounds

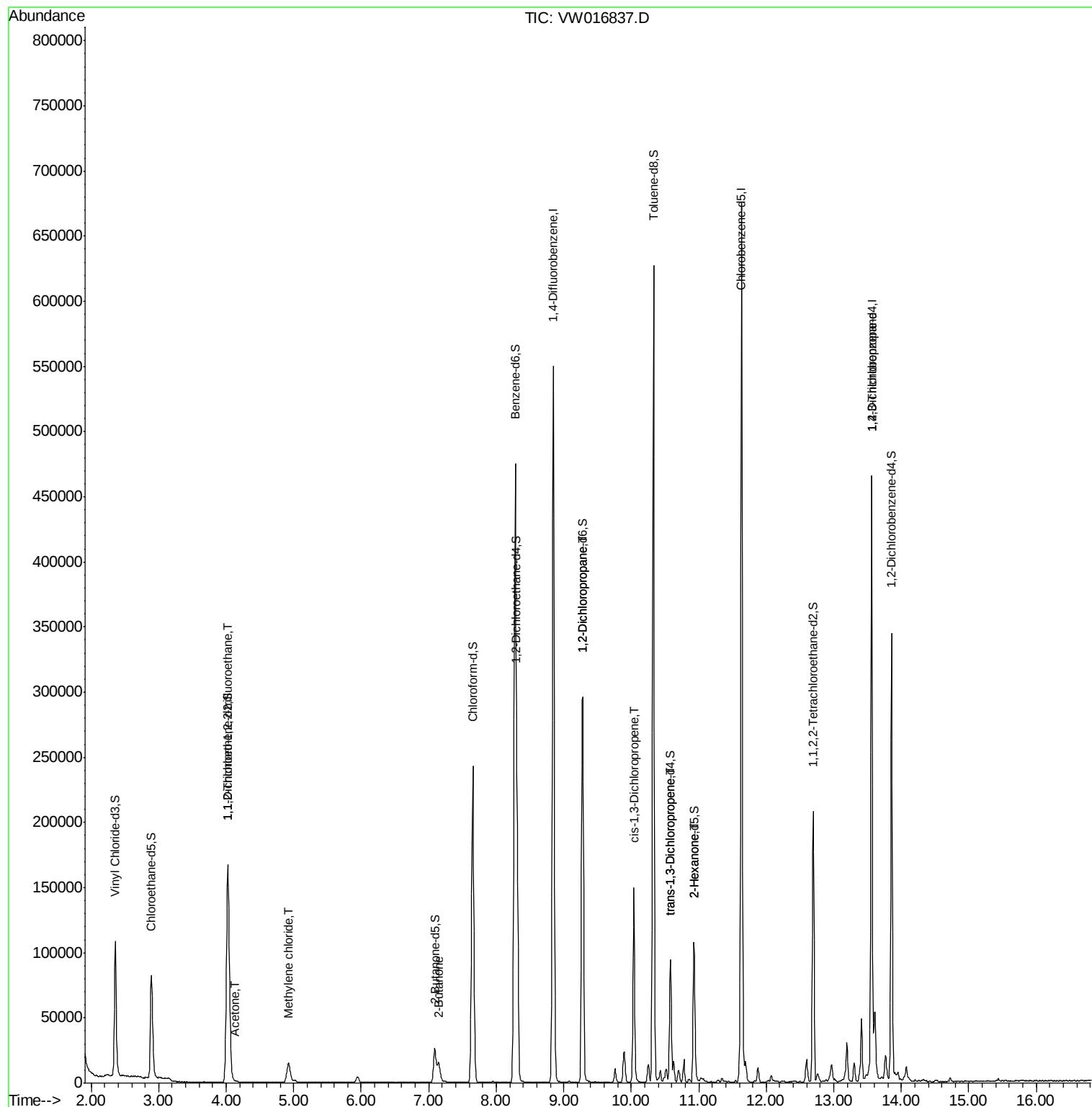
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2138	0.315	ug/L #	17
13) Acetone	4.14	43	580	0.681	ug/L	85
16) Methylene chloride	4.92	84	14342	2.063	ug/L	94
21) 2-Butanone	7.15	43	3935	2.751	ug/L #	42
40) 1,2-Dichloropropane	9.28	63	16095	3.305	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3754	0.484	ug/L #	52
45) trans-1,3-Dichloropropene	10.59	75	2319	0.355	ug/L	89
49) 2-Hexanone	10.93	43	4656	2.877	ug/L #	59
59) 1,2,3-Trichloropropane	13.56	75	12984	4.097	ug/L	90

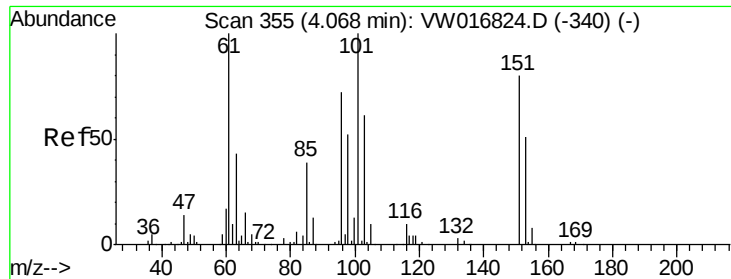
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#11

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

Concen: 0.315 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW016837.D

Acq: 07 Oct 2020 17:12

Instrument :

MSVOA_W

ClientSampled :

C0AP6

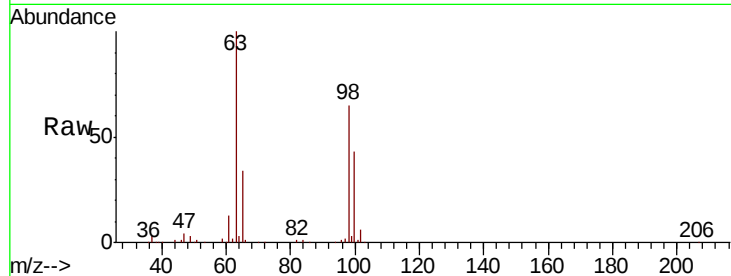
Tot Ion:101 Resp: 2138

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

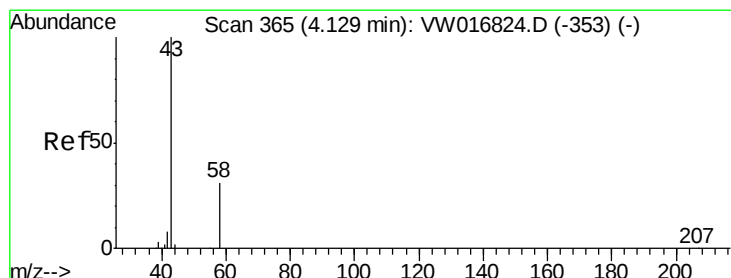
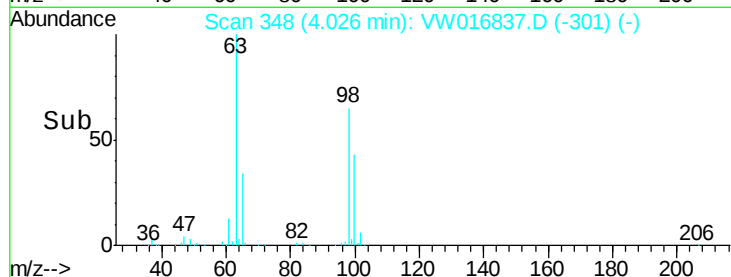
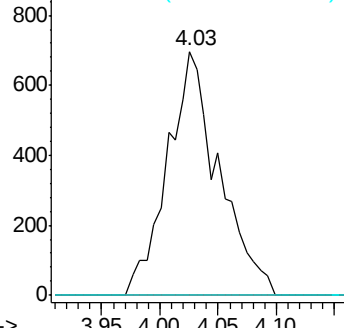
151 0.0 66.6 99.8#



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: 0.681 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016837.D

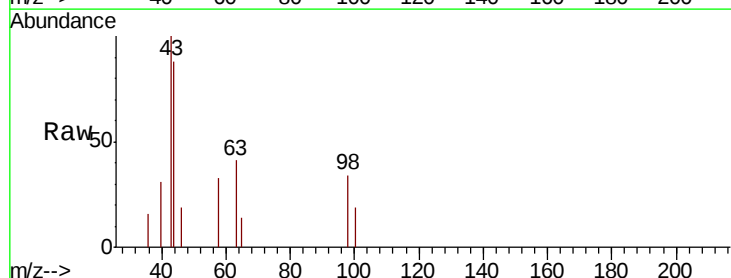
Acq: 07 Oct 2020 17:12

Tgt Ion: 43 Resp: 580

Ion Ratio Lower Upper

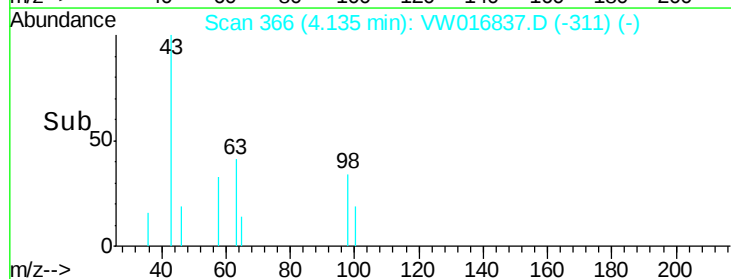
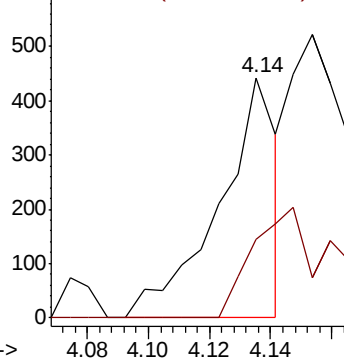
43 100

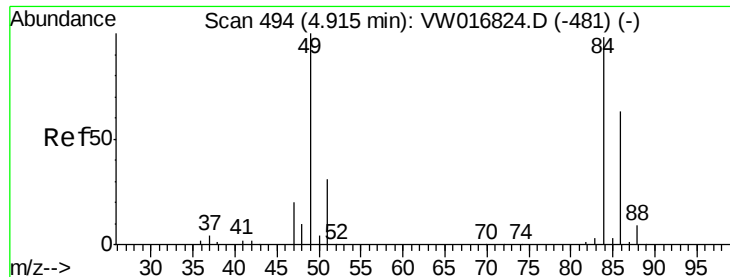
58 42.4 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

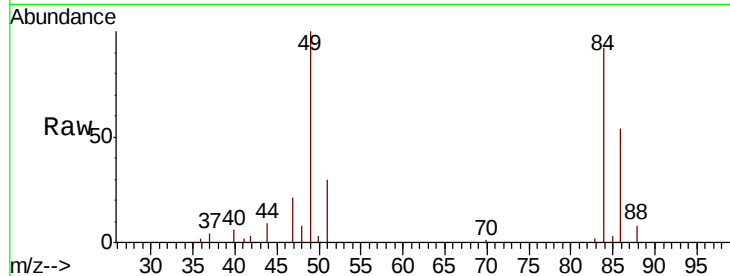




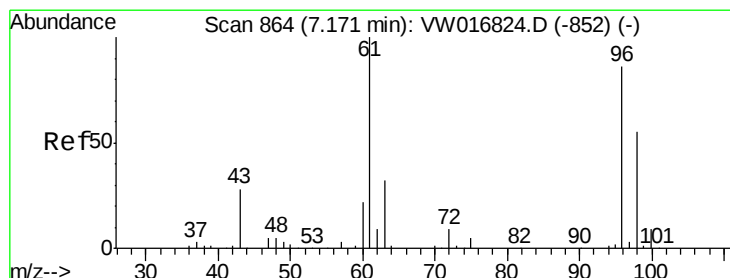
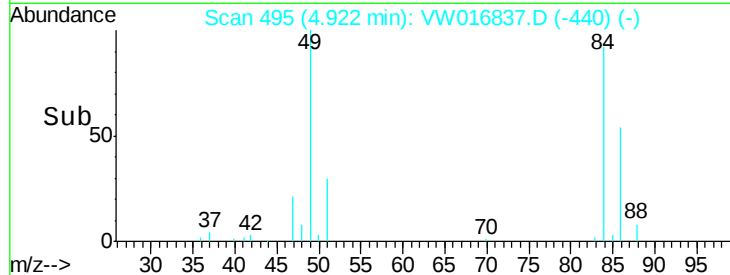
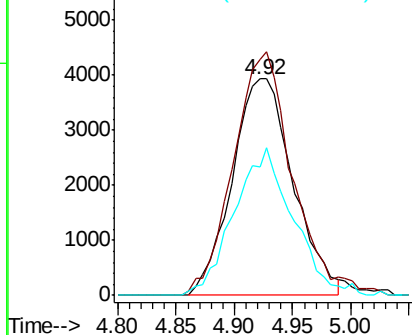
#16
Methvlene chloride
Concen: 2.063 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016837.D
Acq: 07 Oct 2020 17:12

Instrument :
MSVOA_W
ClientSampleId :
C0AP6

Tot Ion: 84 Resp: 14342
Ion Ratio Lower Upper
84 100
49 108.8 73.1 135.8
86 59.1 46.0 85.4

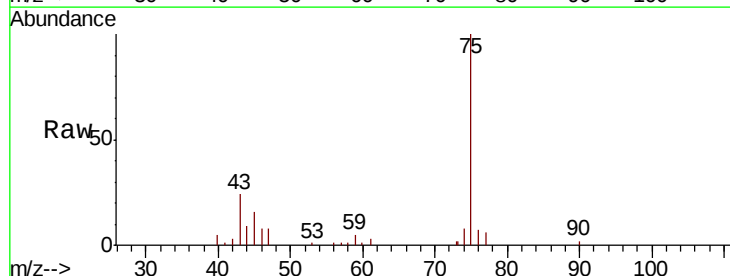


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

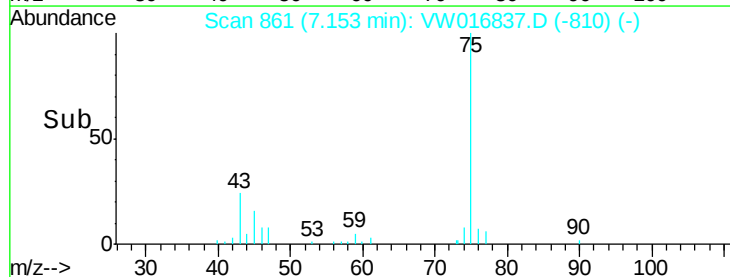
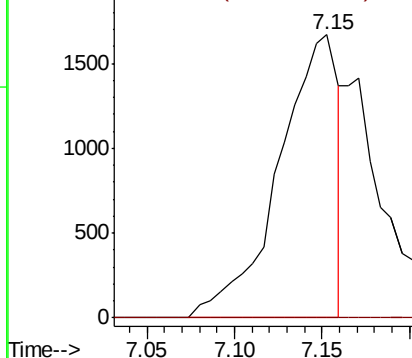


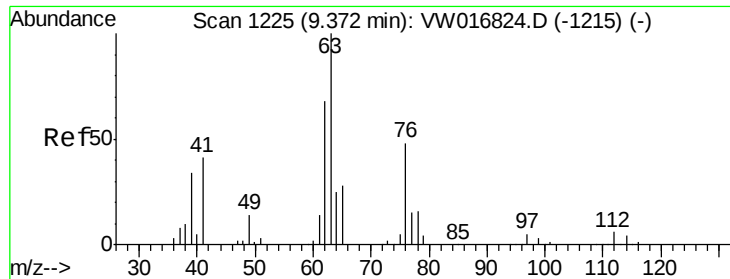
#21
2-Butanone
Concen: 2.751 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW016837.D
Acq: 07 Oct 2020 17:12

Tgt Ion: 43 Resp: 3935
Ion Ratio Lower Upper
43 100
72 0.0 16.2 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

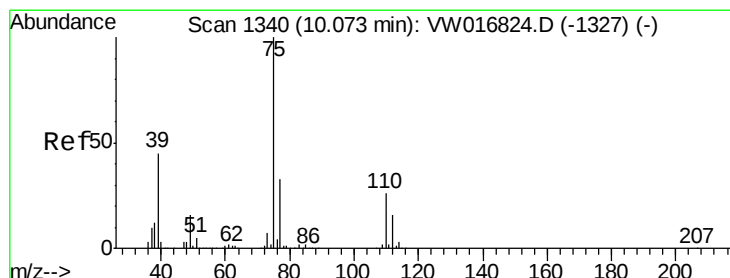
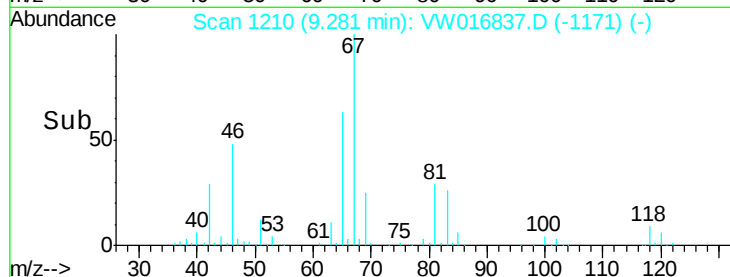
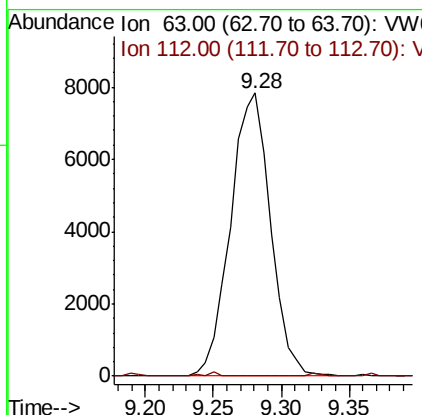
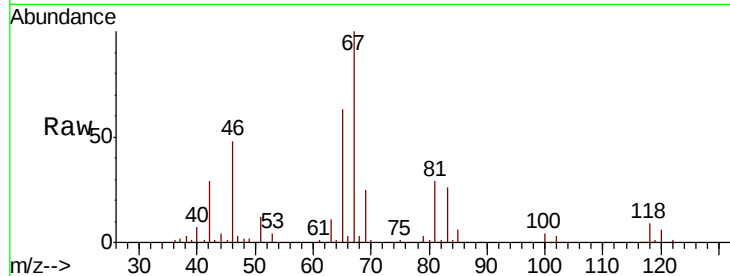




#40
 1,2-Dichloropropane
 Concen: 3.305 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016837.D
 Acq: 07 Oct 2020 17:12

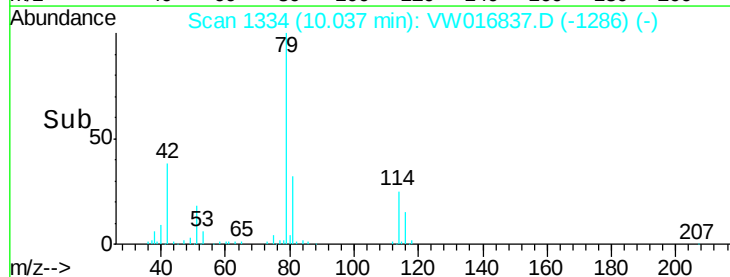
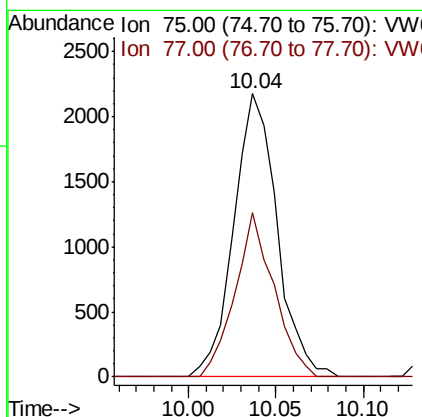
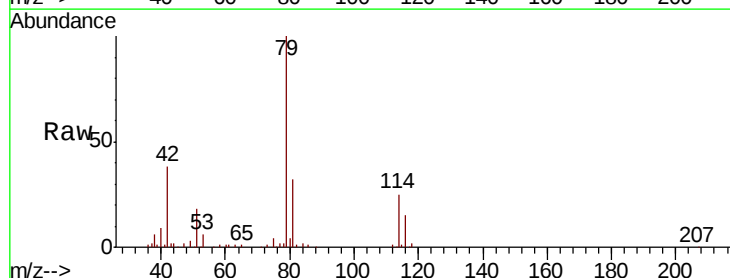
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP6

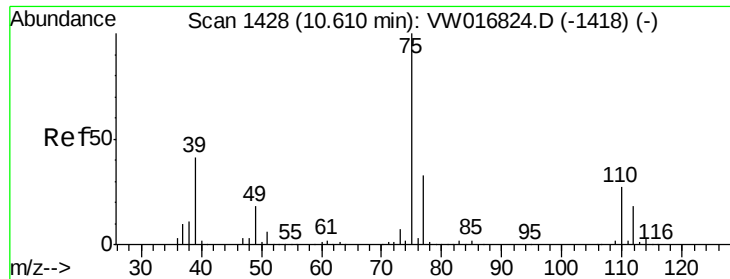
Tot Ion: 63 Resp: 16095
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.484 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016837.D
 Acq: 07 Oct 2020 17:12

Tgt Ion: 75 Resp: 3754
 Ion Ratio Lower Upper
 75 100
 77 58.2 22.1 41.1#

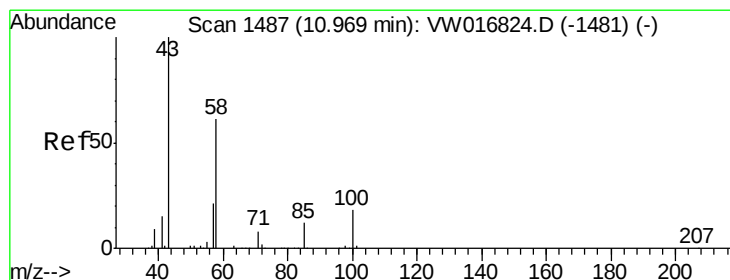
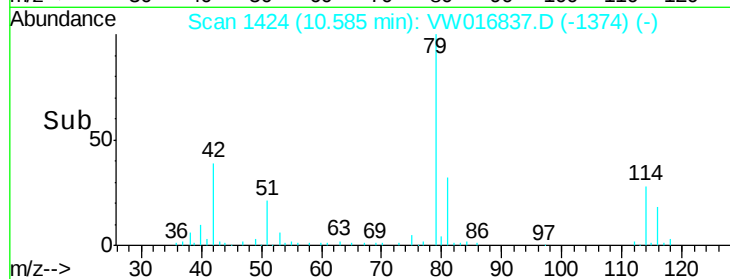
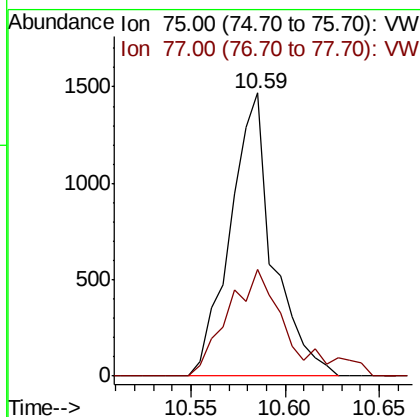
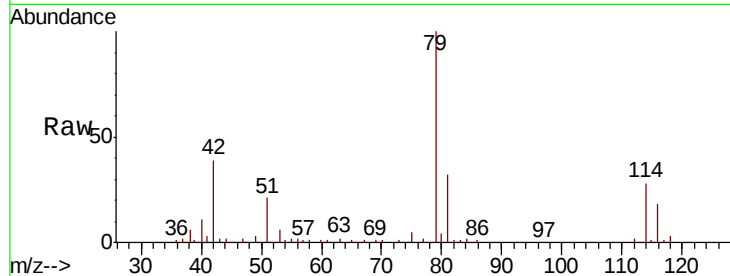




#45
trans-1,3-Dichloropropene
Concen: 0.355 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016837.D
Acq: 07 Oct 2020 17:12

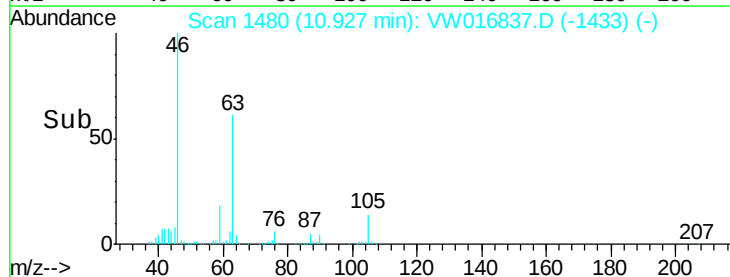
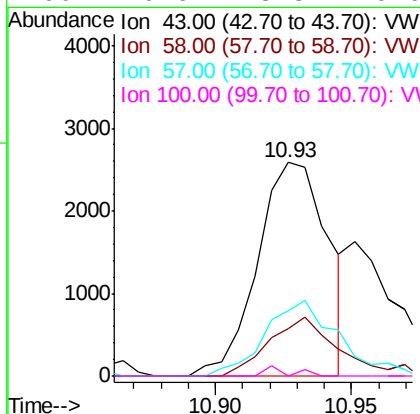
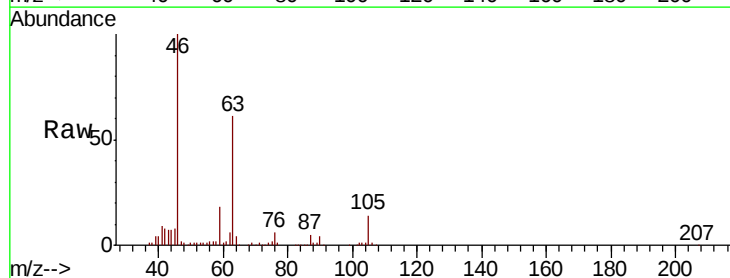
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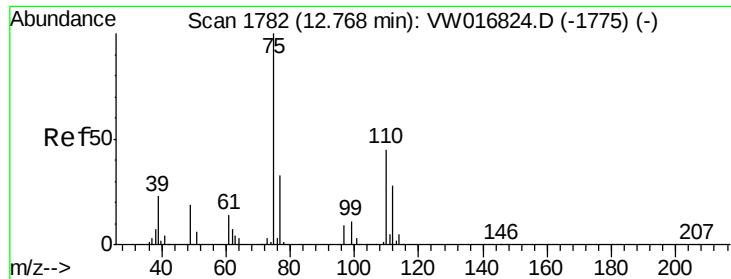
Tot Ion: 75 Resp: 2319
Ion Ratio Lower Upper
75 100
77 37.9 22.2 41.2



#49
2-Hexanone
Concen: 2.877 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016837.D
Acq: 07 Oct 2020 17:12

Tgt Ion: 43 Resp: 4656
Ion Ratio Lower Upper
43 100
58 26.1 47.1 70.7#
57 36.7 16.2 24.4#
100 0.6 13.3 19.9#





#59

1,2,3-Trichloropropane

Concen: 4.097 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016837.D

Acq: 07 Oct 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

C0AP6

Tot Ion: 75 Resp: 12984

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2

