

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016731.D
 Acq On : 01 Oct 2020 12:15
 Operator : SY/VA
 Sample : L4201-11
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:34:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	586767	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	477014	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180389	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	112914	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
7) Chloroethane-d5	2.91	69	110141	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.00%
10) 1,1-Dichloroethene-d2	4.03	63	187983	14.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.20%
20) 2-Butanone-d5	7.09	46	65005	41.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.96%
24) Chloroform-d	7.66	84	318176	25.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	8.31	65	161648	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.60%
29) Benzene-d6	8.28	84	590342	27.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.36%
33) 1,2-Dichloropropane-d6	9.28	67	171439	29.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.28%
37) Toluene-d8	10.33	98	522910	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.40%
38) trans-1,3-Dichloropropene-	10.58	79	64508	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.28%
39) 2-Hexanone-d5	10.93	63	51438	48.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125057	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	154933	26.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.52%

Target Compounds

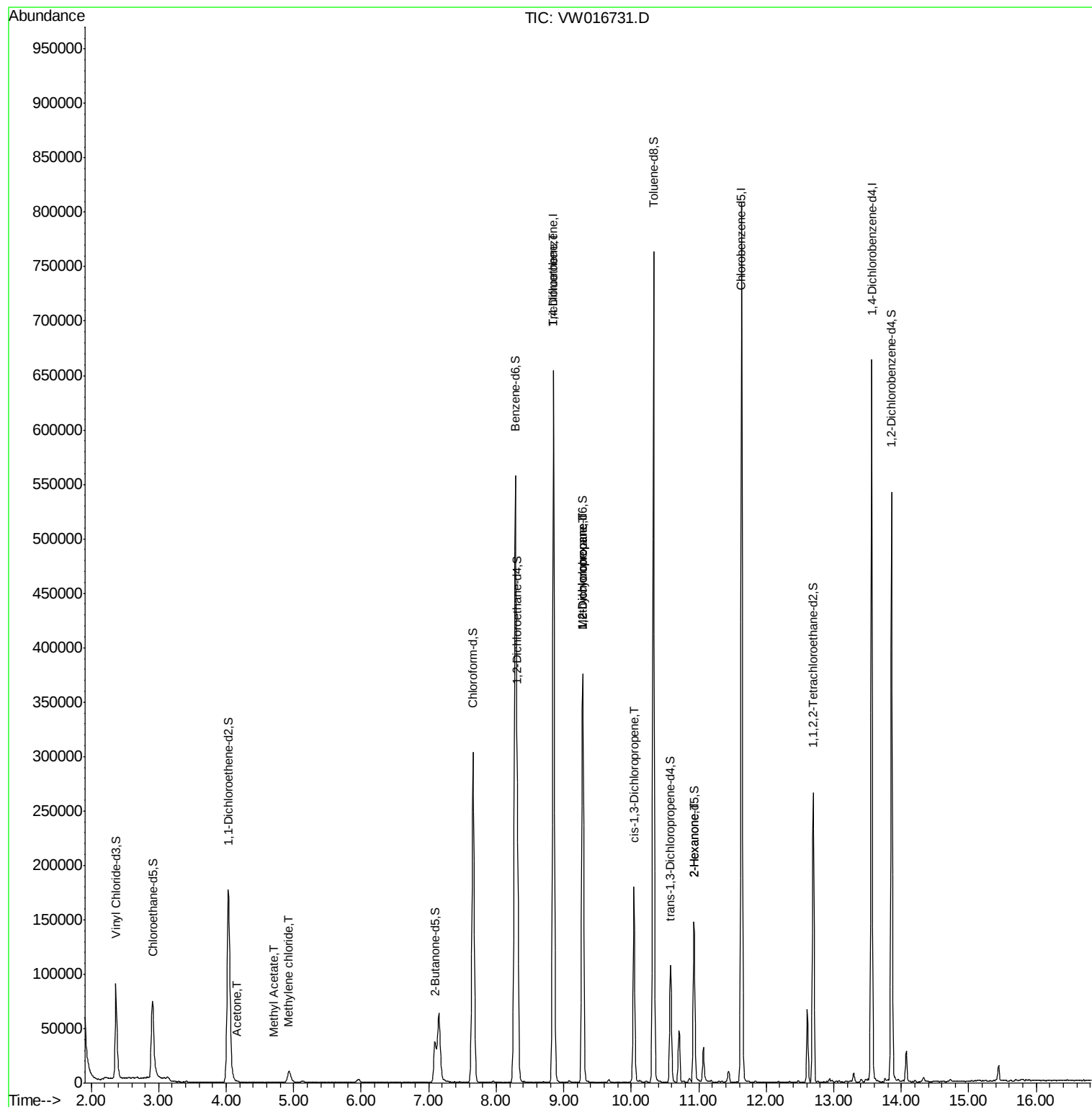
					Ovalue
13) Acetone	4.16	43	691	0.570 ug/L	79
15) Methyl Acetate	4.70	43	954	0.345 ug/L	92
16) Methylene chloride	4.93	84	9026	0.997 ug/L	90
35) Trichloroethene	8.85	95	16736	2.262 ug/L #	2
36) Methylcyclohexane	9.27	83	45126	3.597 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	20241	3.404 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	5081	0.500 ug/L	87
49) 2-Hexanone	10.93	43	6832	2.849 ug/L #	68

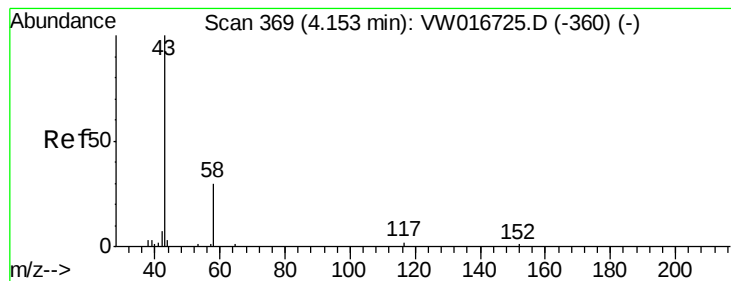
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.570 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016731.D

Acq: 01 Oct 2020 12:15

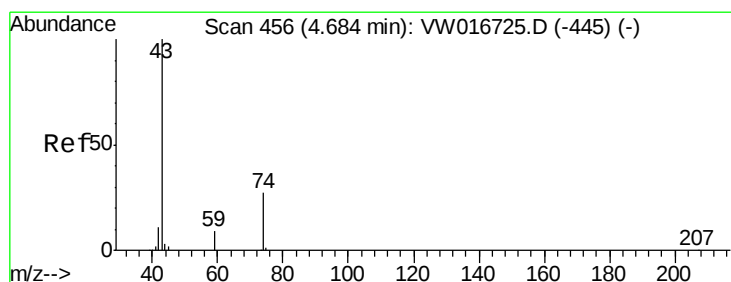
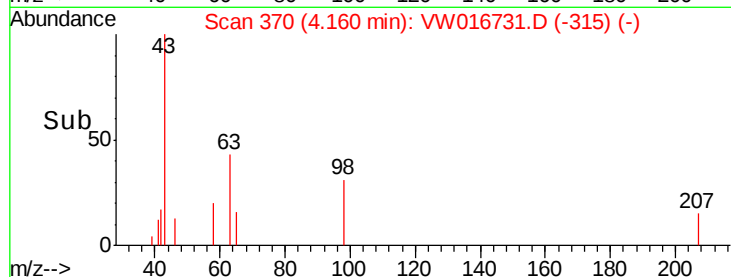
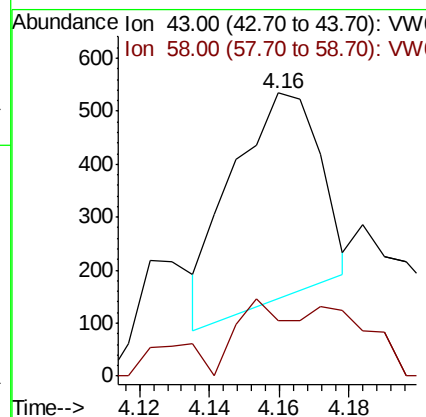
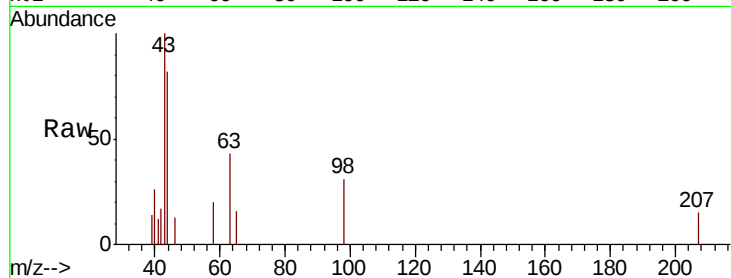
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

58 18.5 0.0 60.2



#15

Methyl Acetate

Concen: 0.345 ug/L

RT: 4.70 min Scan# 459

Delta R.T. 0.02 min

Lab File: VW016731.D

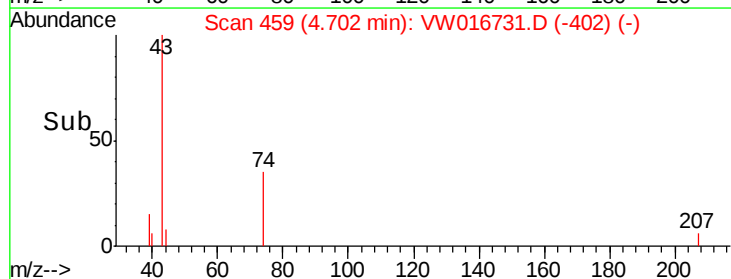
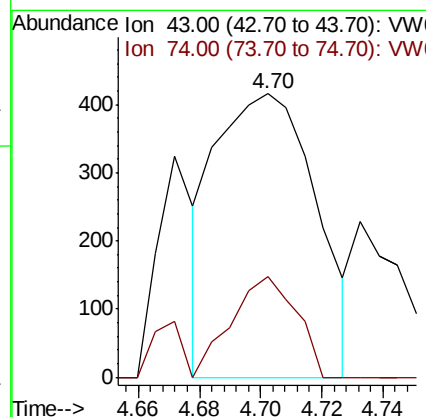
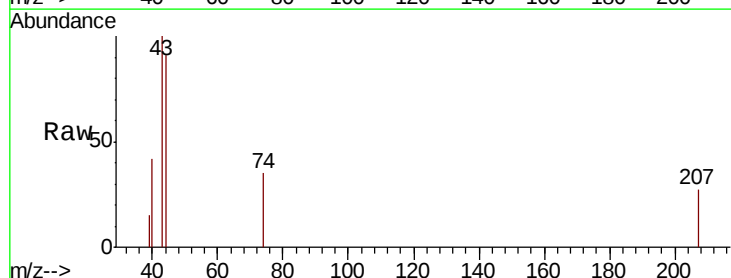
Acq: 01 Oct 2020 12:15

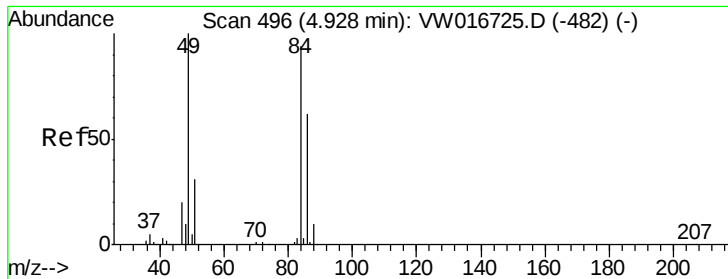
Tgt Ion: 43 Resp: 954

Ion Ratio Lower Upper

43 100

74 22.9 21.5 32.3

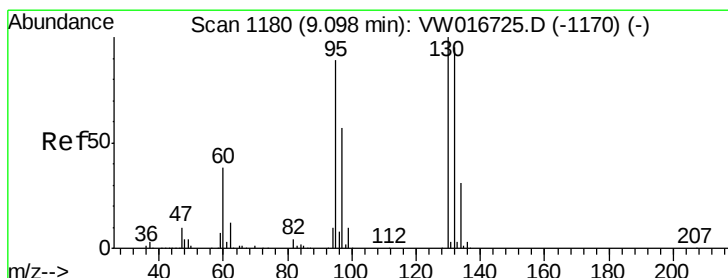
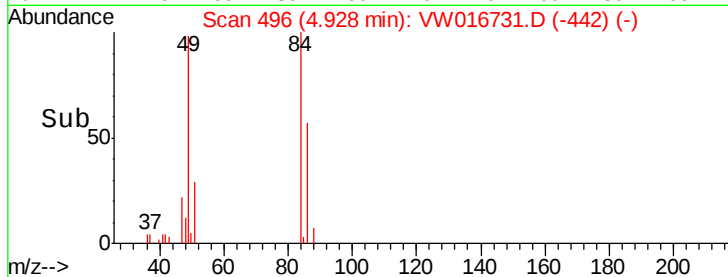
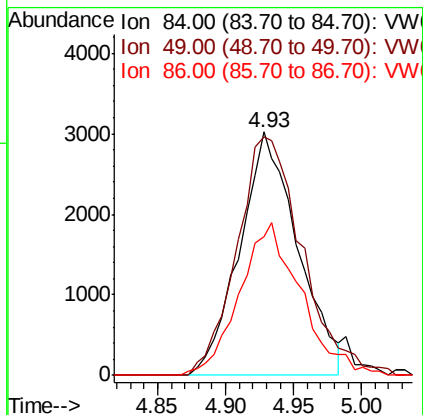
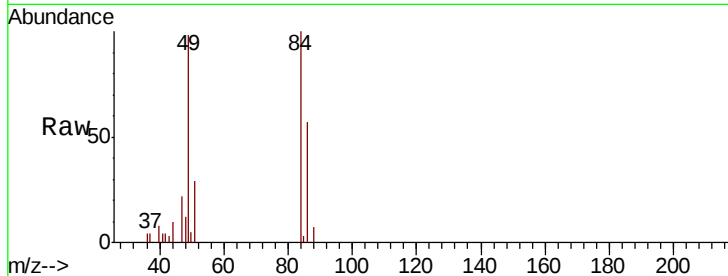




#16
Methvlene chloride
Concen: 0.997 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016731.D
Acq: 01 Oct 2020 12:15

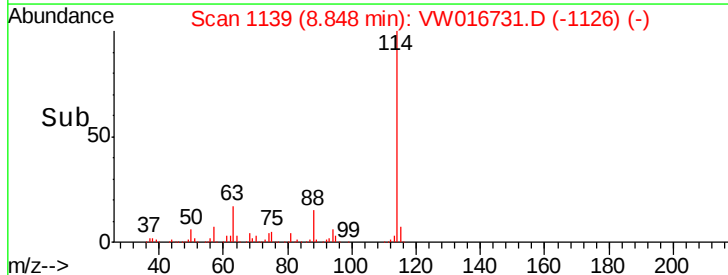
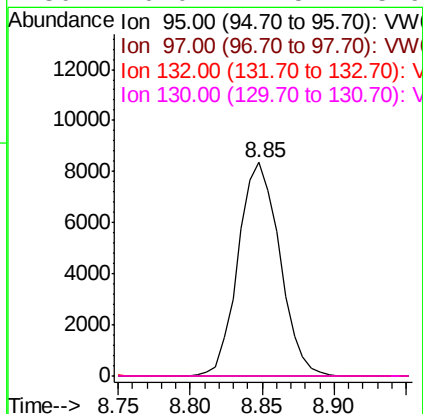
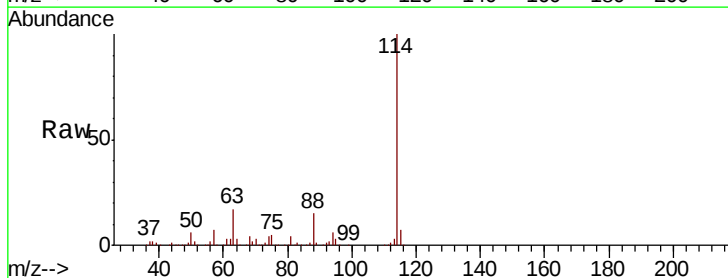
Instrument :
MSVOA_W
ClientSampleId :

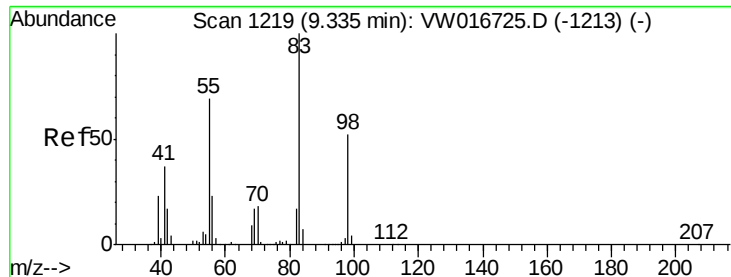
Tot Ion: 84 Resp: 9026
Ion Ratio Lower Upper
84 100
49 98.0 76.0 141.2
86 57.2 45.6 84.6



#35
Trichloroethene
Concen: 2.262 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016731.D
Acq: 01 Oct 2020 12:15

Tgt Ion: 95 Resp: 16736
Ion Ratio Lower Upper
95 100
97 0.0 45.2 84.0#
132 0.0 73.3 136.1#
130 0.0 77.5 143.9#

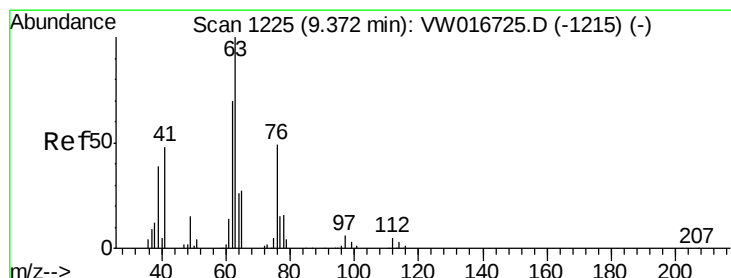
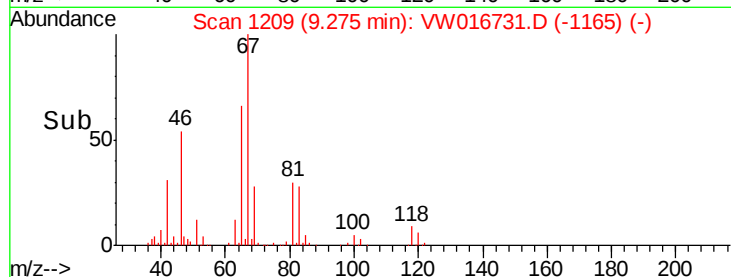
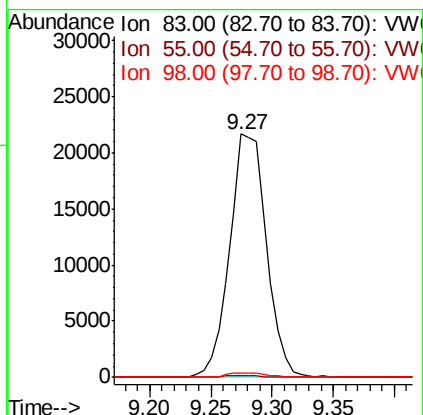
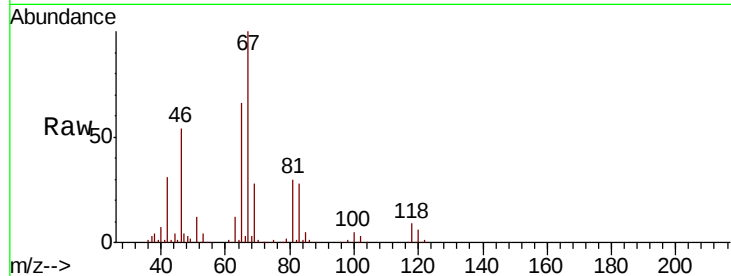




#36
Methylcyclohexane
Concen: 3.597 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016731.D
Acq: 01 Oct 2020 12:15

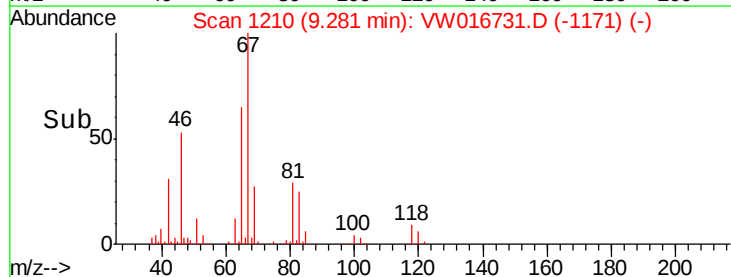
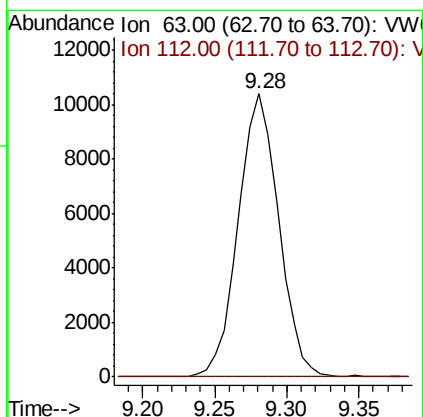
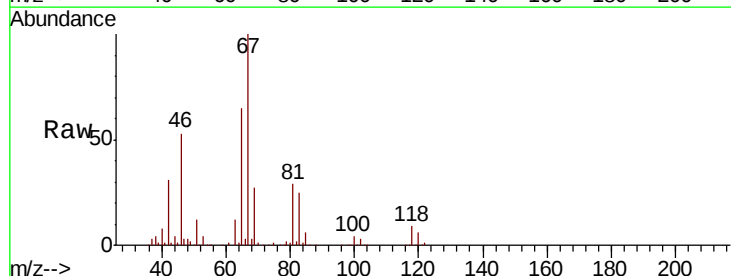
Instrument :
MSVOA_W
ClientSampled :

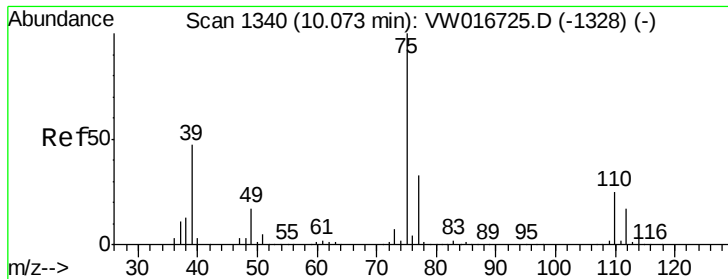
Tot Ion: 83 Resp: 45126
Ion Ratio Lower Upper
83 100
55 0.8 55.9 83.9#
98 2.0 42.1 63.1#



#40
1,2-Dichloropropane
Concen: 3.404 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016731.D
Acq: 01 Oct 2020 12:15

Tgt Ion: 63 Resp: 20241
Ion Ratio Lower Upper
63 100
112 0.3 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016731.D

Acq: 01 Oct 2020 12:15

Instrument :

MSVOA_W

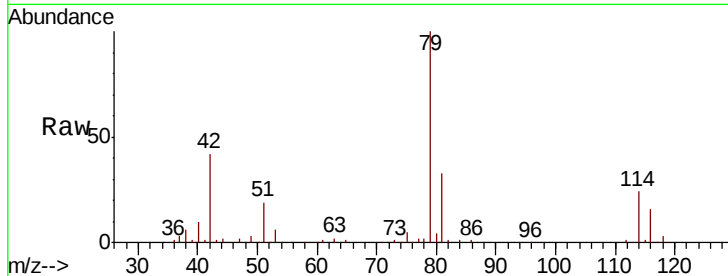
ClientSampled :

Tot Ion: 75 Resp: 5081

Ion Ratio Lower Upper

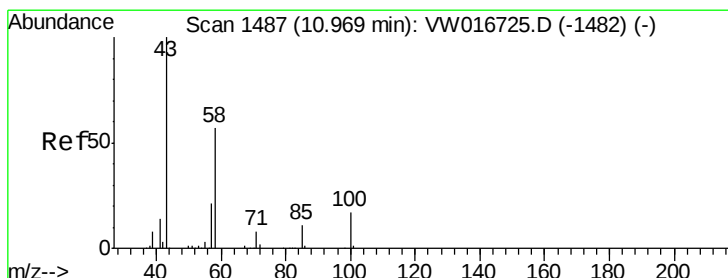
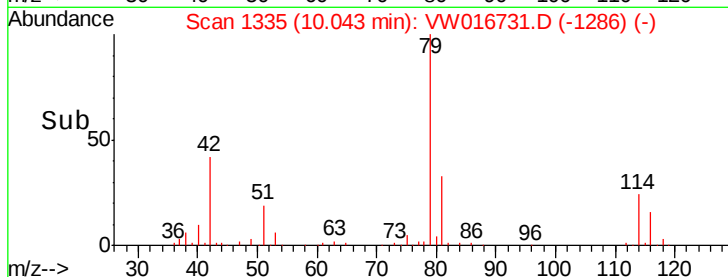
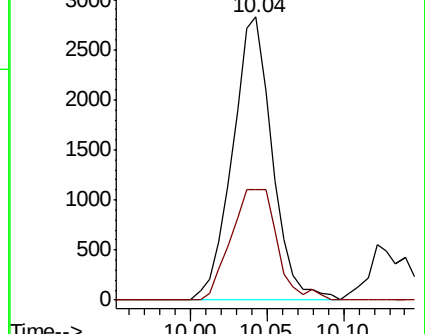
75 100

77 39.1 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 2.849 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016731.D

Acq: 01 Oct 2020 12:15

Tgt Ion: 43 Resp: 6832

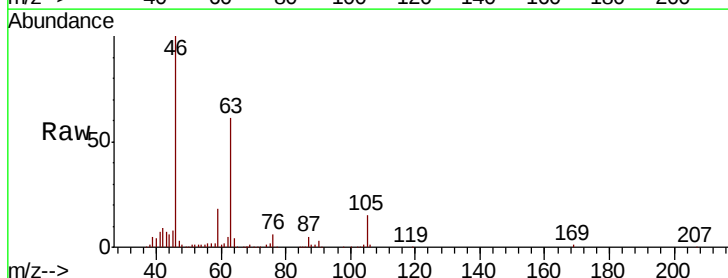
Ion Ratio Lower Upper

43 100

58 25.4 44.2 66.2#

57 22.4 16.3 24.5

100 1.1 12.4 18.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

