

Data File : VW007983.D
Acq On : 27 Dec 2018 21:20
Operator : SY/AP
Sample : J6540-08
Misc : 4.21G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN9

Quant Time: Dec 28 06:00:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	96196	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	91186	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45119	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22721	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
7) Chloroethane-d5	2.90	69	17292	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.28%
10) 1,1-Dichloroethene-d2	4.01	63	46290	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	7.08	46	23250	57.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.02%
24) Chloroform-d	7.65	84	68472	26.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	8.31	65	45650	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.00%
29) Benzene-d6	8.27	84	128050	25.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.16%
33) 1,2-Dichloropropane-d6	9.27	67	36337	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	10.32	98	121001	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.16%
38) trans-1,3-Dichloropropene-	10.58	79	20634	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.36%
39) 2-Hexanone-d5	10.93	63	20705	58.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38125	28.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	47980	26.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.32%

Target Compounds

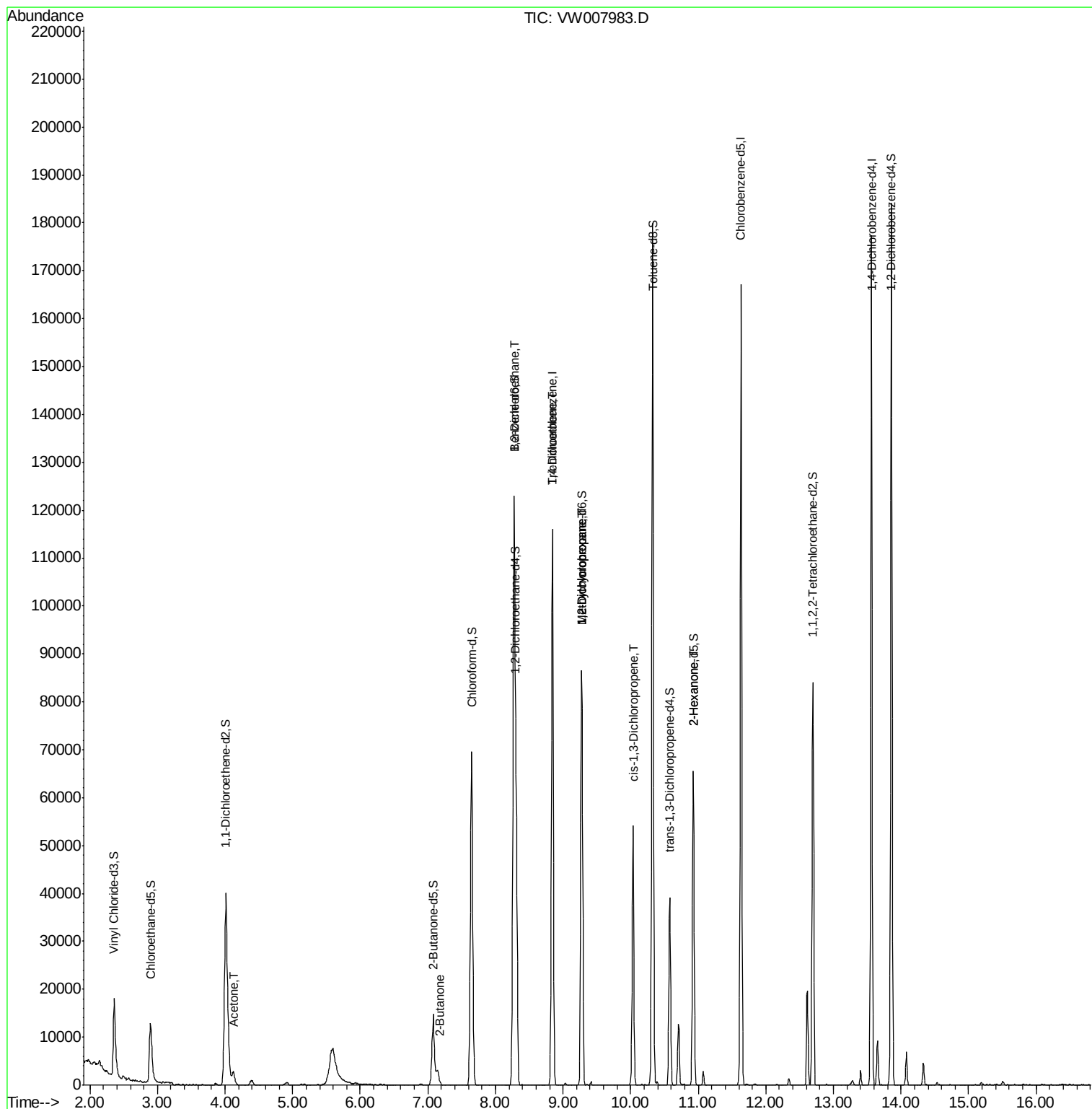
					Qvalue
13) Acetone	4.12	43	4430	11.215 ug/L	99
21) 2-Butanone	7.18	43	349	0.776 ug/L #	46
27) 1,2-Dichloroethane	8.27	62	850	0.513 ug/L #	80
35) Trichloroethene	8.84	95	3224	2.274 ug/L #	5
36) Methylcyclohexane	9.27	83	9851	4.052 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4823	4.205 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1528	0.763 ug/L #	78
49) 2-Hexanone	10.93	43	2718	4.150 ug/L #	70

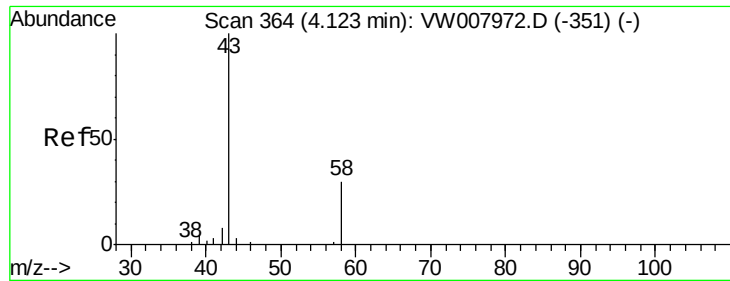
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.215 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

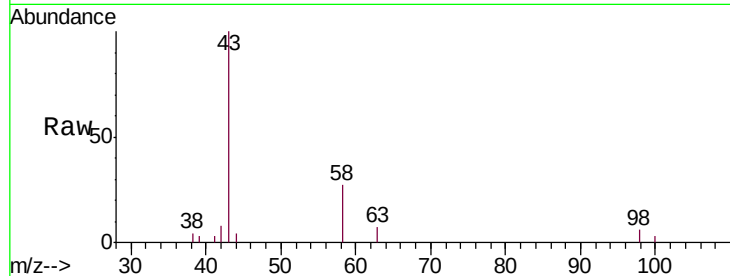
GAEN9

Tgt Ion: 43 Resp: 4430

Ion Ratio Lower Upper

43 100

58 29.9 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

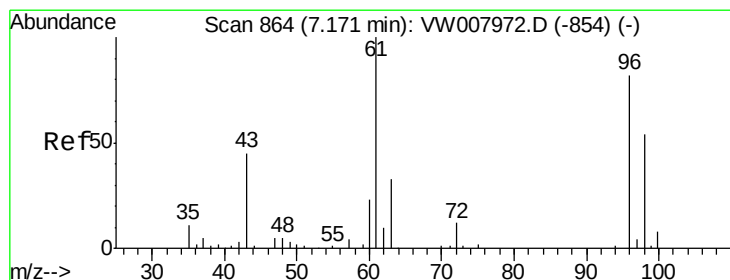
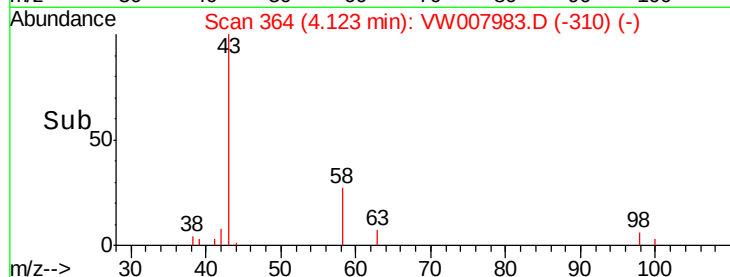
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#21

2-Butanone

Concen: 0.776 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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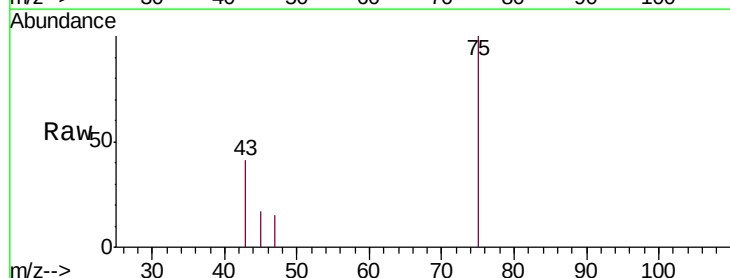
Acq: 27 Dec 2018 21:20

Tgt Ion: 43 Resp: 349

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

200

150

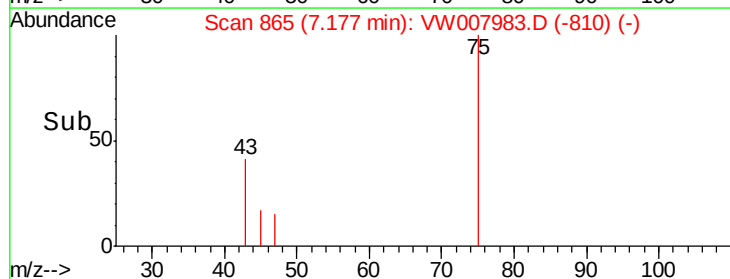
100

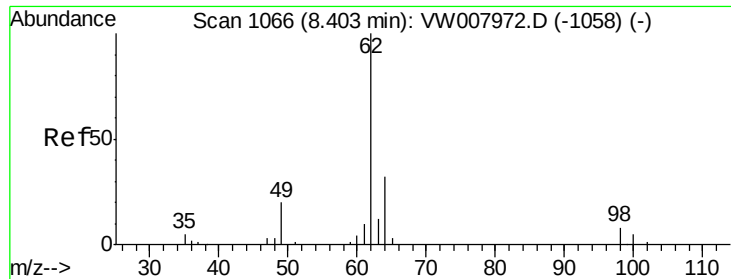
50

0

7.14 7.16 7.18 7.20 7.22

Time-->

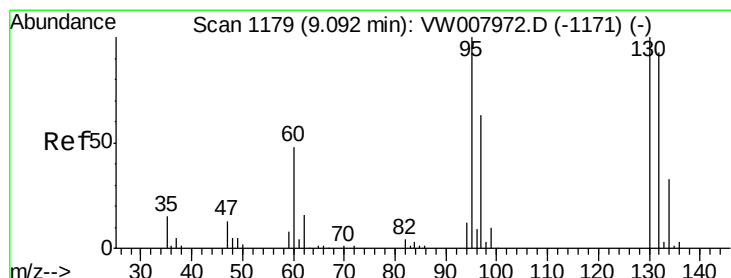
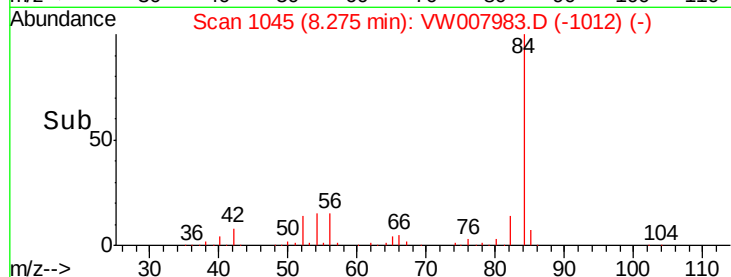
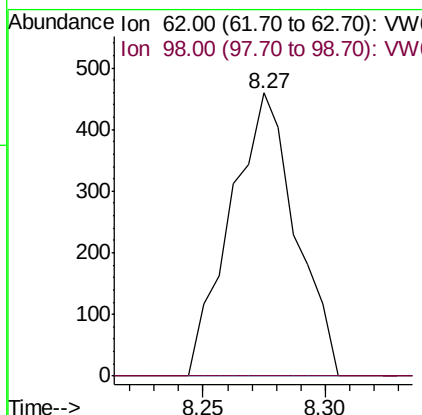
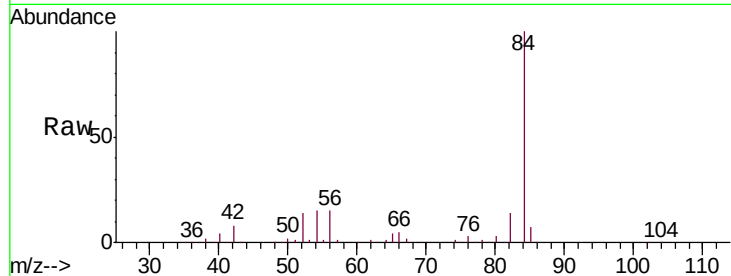




#27
 1,2-Dichloroethane
 Concen: 0.513 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.13 min
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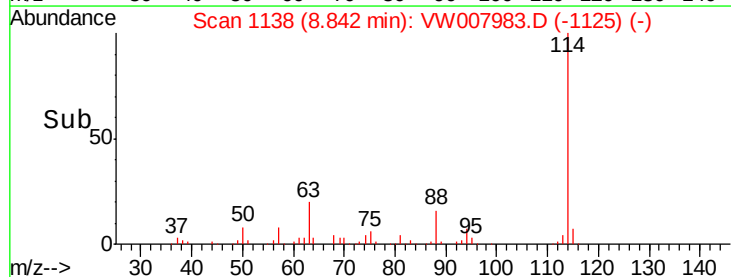
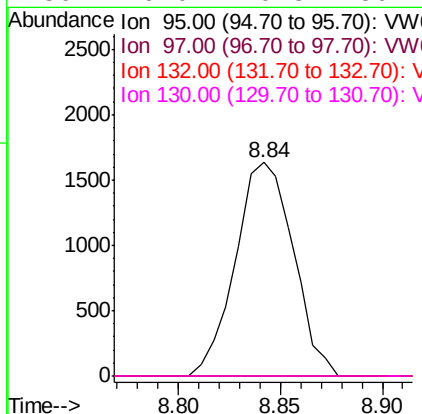
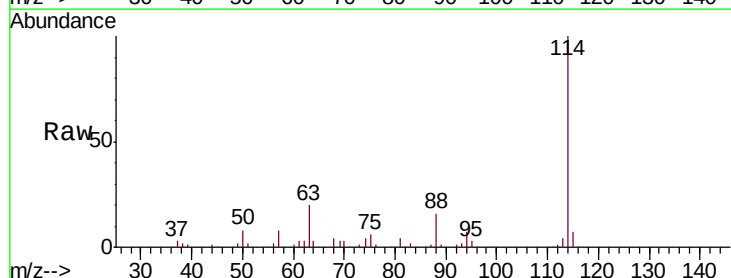
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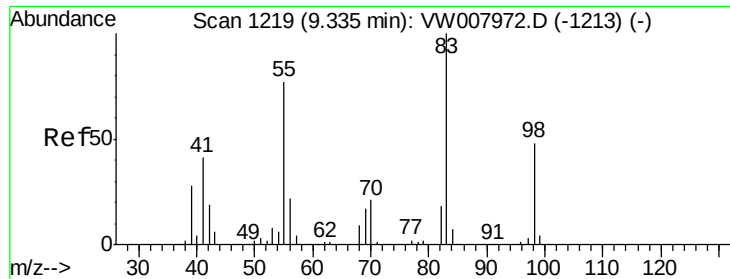
Tgt Ion: 62 Resp: 850
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#35
 Trichloroethene
 Concen: 2.274 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW007983.D
 Acq: 27 Dec 2018 21:20

Tgt Ion: 95 Resp: 3224
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.4 82.5#
 132 0.0 67.8 126.0#
 130 0.0 70.3 130.7#

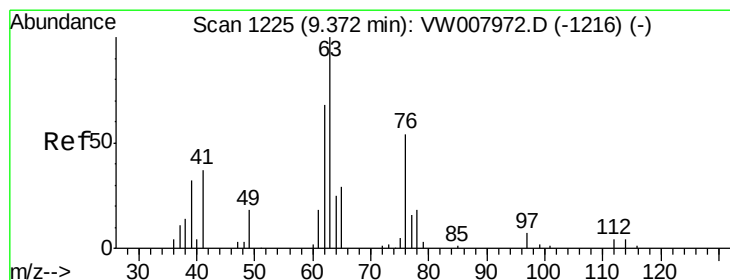
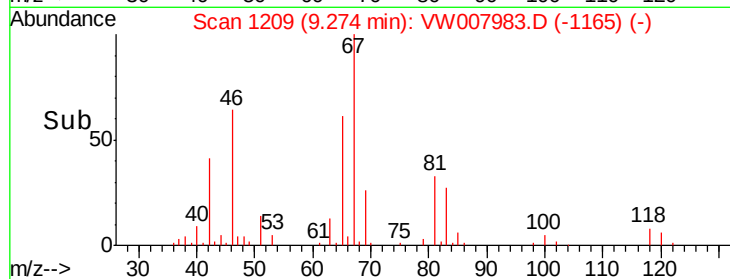
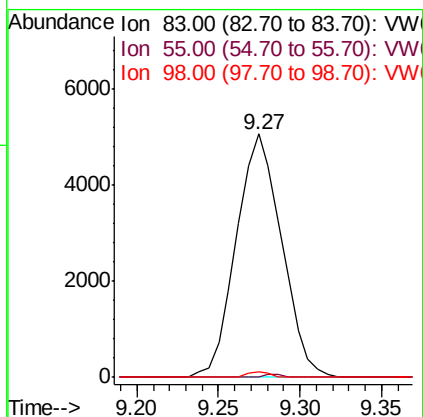
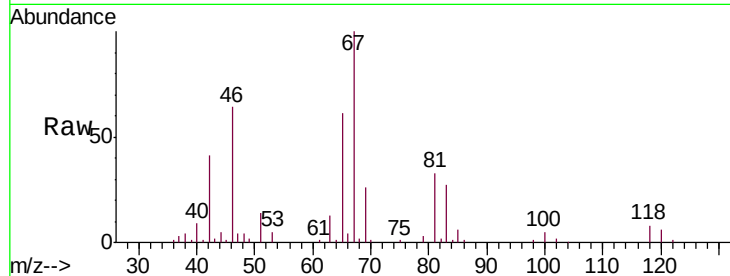




#36
Methylcyclohexane
Concen: 4.052 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007983.D
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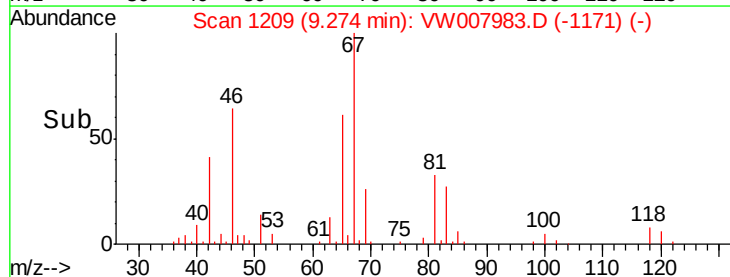
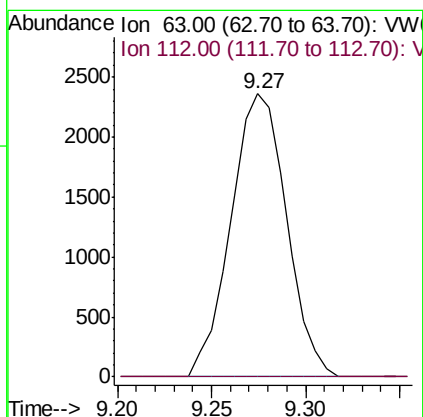
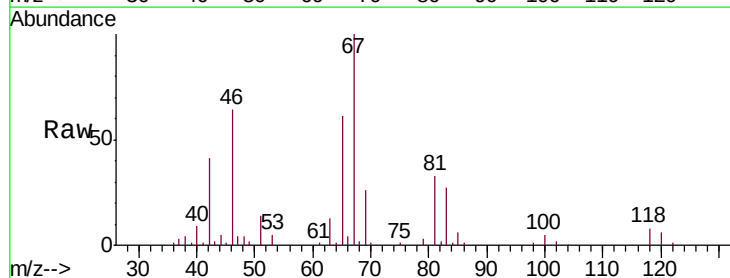
Instrument :
MSVOA_W
ClientSampleId :
GAEN9

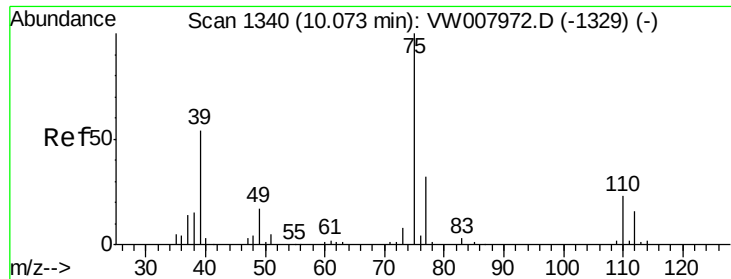
Tgt Ion: 83 Resp: 9851
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.0 38.2 57.2#



#40
1,2-Dichloropropane
Concen: 4.205 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007983.D
Acq: 27 Dec 2018 21:20

Tgt Ion: 63 Resp: 4823
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

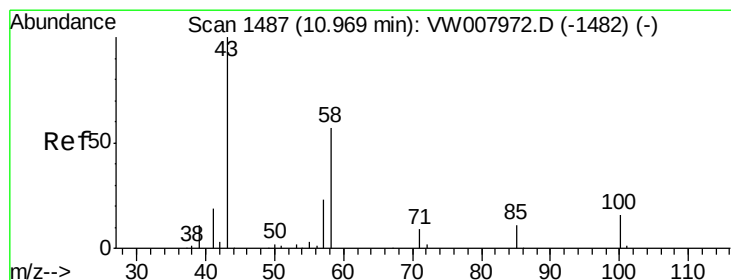
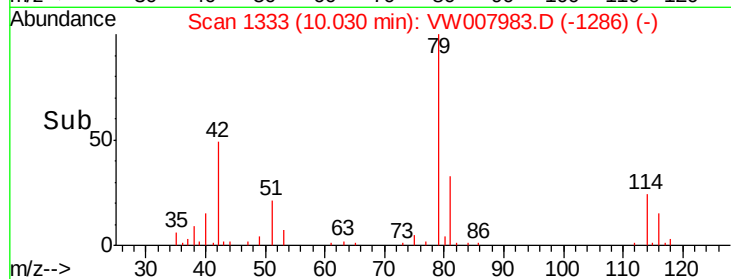
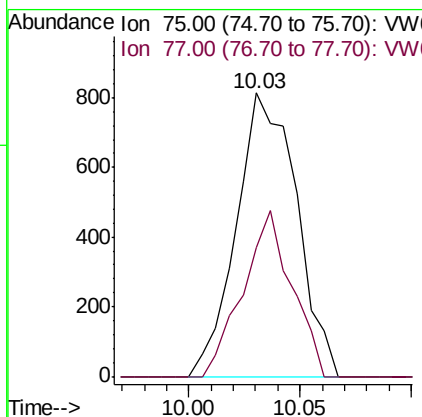
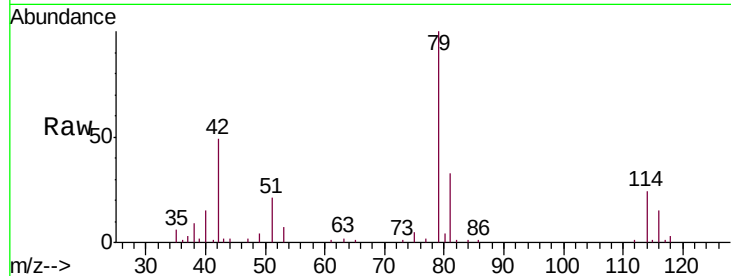




#42
 cis-1,3-Dichloropropene
 Concen: 0.763 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007983.D
 Acq: 27 Dec 2018 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 GAEN9

Tgt Ion: 75 Resp: 1528
 Ion Ratio Lower Upper
 75 100
 77 45.3 23.0 42.8#



#49
 2-Hexanone
 Concen: 4.150 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW007983.D
 Acq: 27 Dec 2018 21:20

Tgt Ion: 43 Resp: 2718
 Ion Ratio Lower Upper
 43 100
 58 30.3 46.2 69.4#
 57 27.2 17.9 26.9#
 100 0.0 11.4 17.2#

