

Data File : VV009376.D
Acq On : 26 Feb 2019 19:29
Operator : SY/MD
Sample : K1579-15
Misc : 7.66G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB610

Quant Time: Feb 27 04:48:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154578	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139354	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58904	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50699	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
7) Chloroethane-d5	1.58	69	73809	29.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.76%
10) 1,1-Dichloroethene-d2	2.13	63	102688	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.88%
20) 2-Butanone-d5	3.95	46	26731	45.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.24%
24) Chloroform-d	4.40	84	100727	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	5.08	65	57995	27.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.84%
29) Benzene-d6	5.10	84	203147	27.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.68%
33) 1,2-Dichloropropane-d6	6.12	67	63352	29.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.72%
37) Toluene-d8	7.36	98	191701	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.92%
38) trans-1,3-Dichloropropene-	7.67	79	28018	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.28%
39) 2-Hexanone-d5	8.14	63	24780	53.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58425	27.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	59945	27.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.88%

Target Compounds

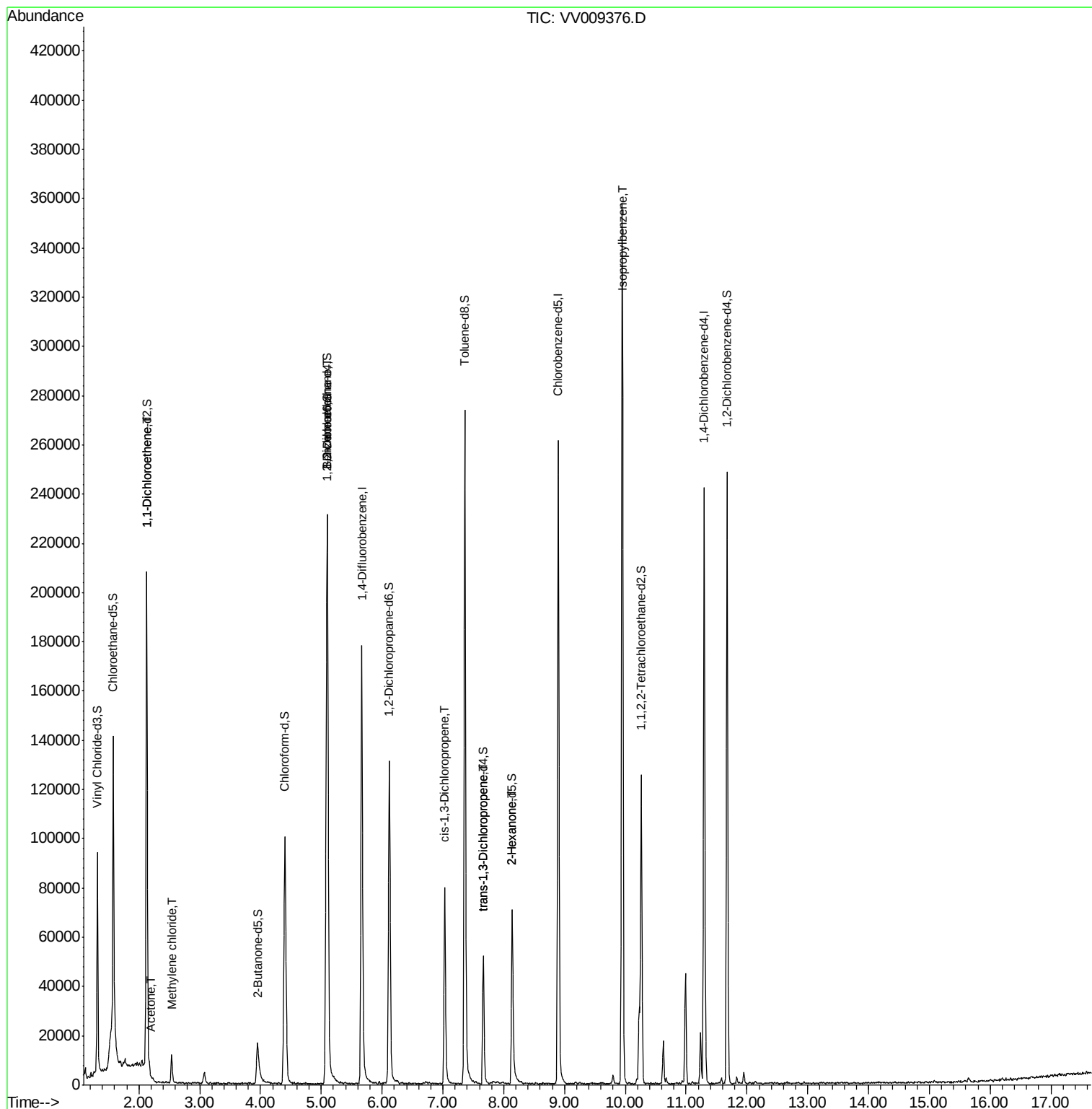
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	995	0.448	ug/L #	1
13) Acetone	2.21	43	544	0.812	ug/L	76
16) Methylene chloride	2.54	84	4949	2.364	ug/L	96
27) 1,2-Dichloroethane	5.10	62	1152	0.446	ug/L #	77
42) cis-1,3-Dichloropropene	7.03	75	2527	0.824	ug/L #	68
45) trans-1,3-Dichloropropene	7.66	75	1387	0.499	ug/L	96
49) 2-Hexanone	8.13	43	2974	2.581	ug/L #	73
57) Isopropylbenzene	9.95	105	14071	1.403	ug/L #	1

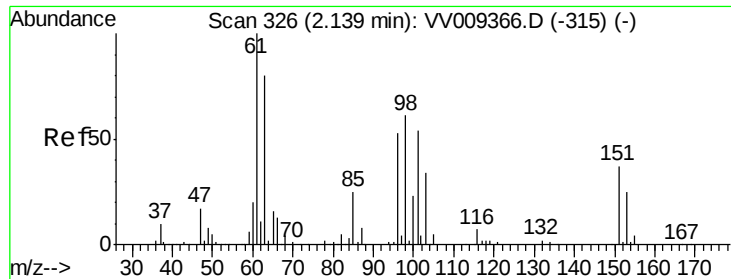
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.448 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

DB610

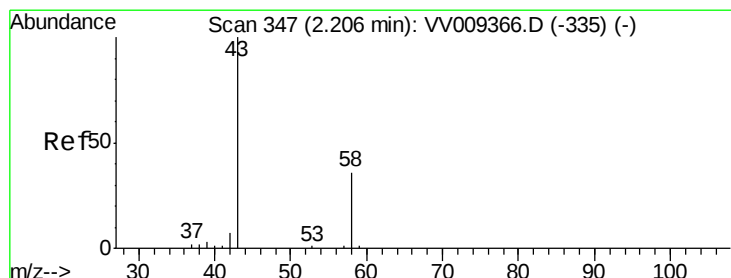
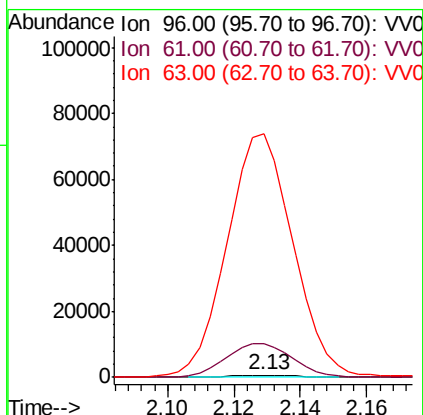
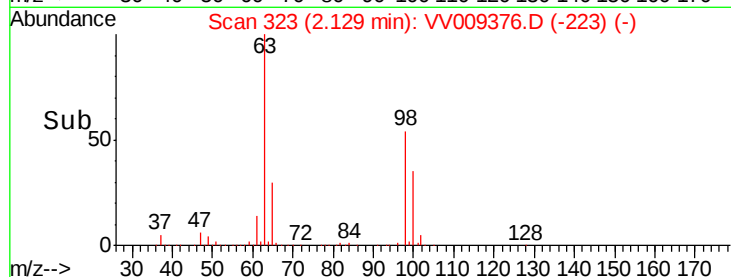
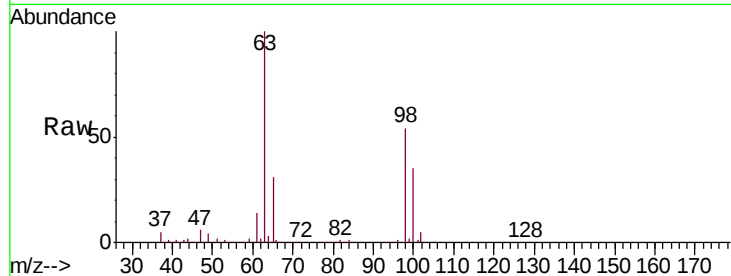
Tgt Ion: 96 Resp: 995

Ion Ratio Lower Upper

96 100

61 1613.5 136.9 254.3#

63 11556.8 108.7 201.9#



#13

Acetone

Concen: 0.812 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV009376.D

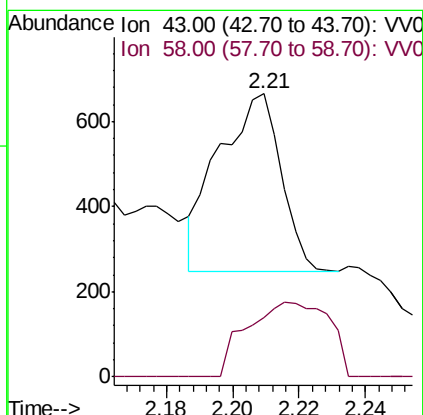
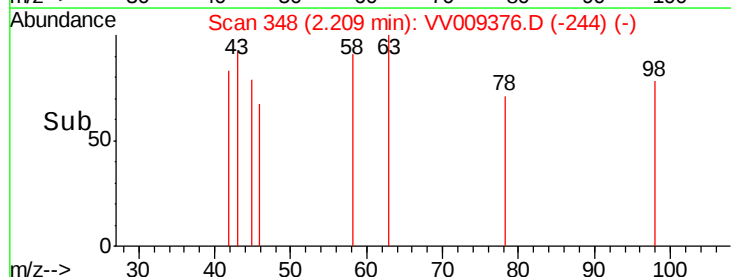
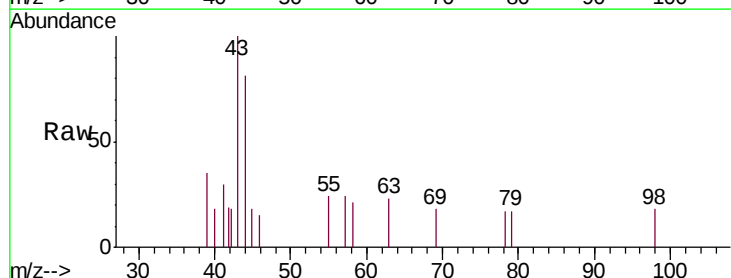
Acq: 26 Feb 2019 19:29

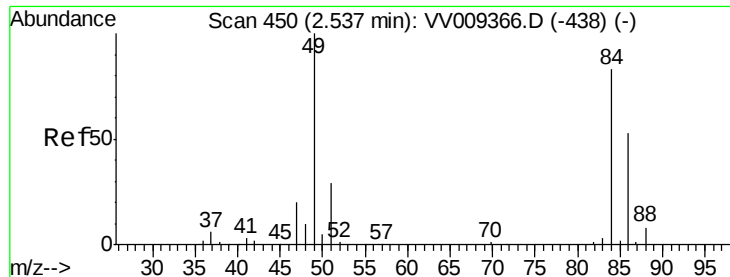
Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

43 100

58 48.0 0.0 68.8

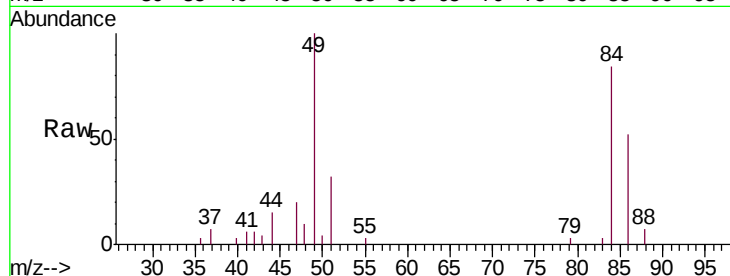




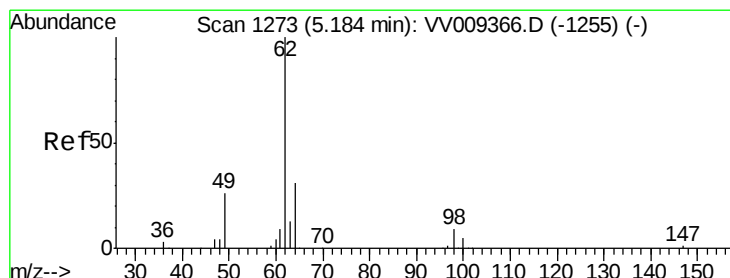
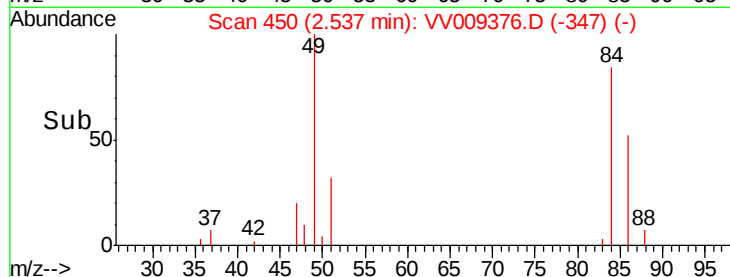
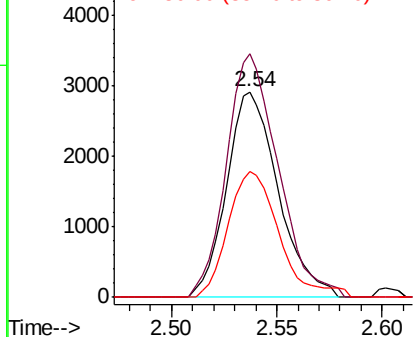
#16
Methylene chloride
Concen: 2.364 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009376.D
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Instrument :
MSVOA_V
ClientSampleId :
DB610

Tgt Ion: 84 Resp: 4949
Ion Ratio Lower Upper
84 100
49 118.4 84.6 157.0
86 61.1 46.1 85.7

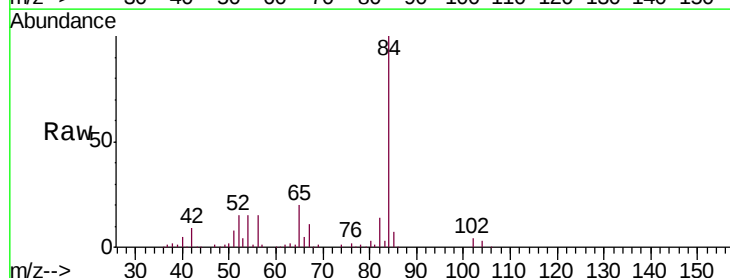


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

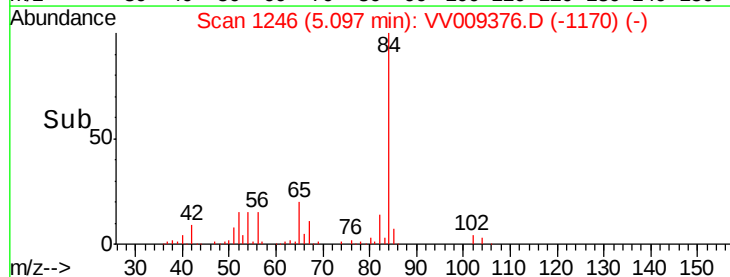
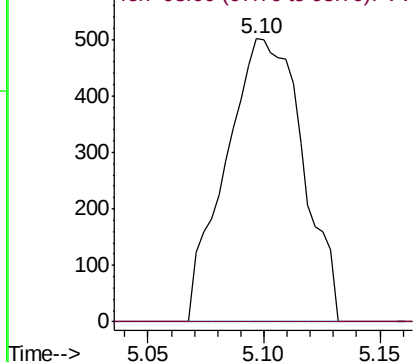


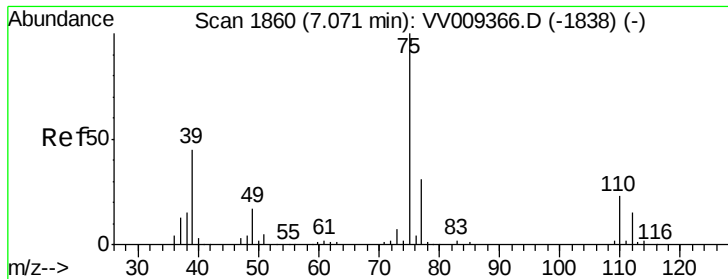
#27
1,2-Dichloroethane
Concen: 0.446 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.09 min
Lab File: VV009376.D
Acq: 26 Feb 2019 19:29

Tgt Ion: 62 Resp: 1152
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



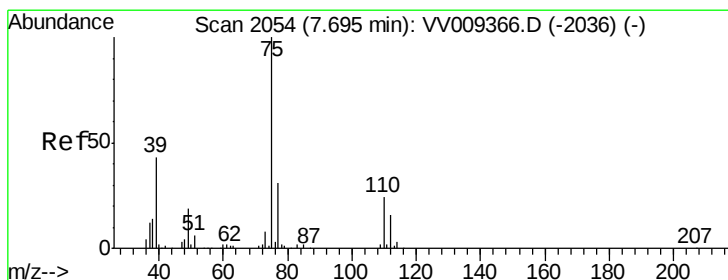
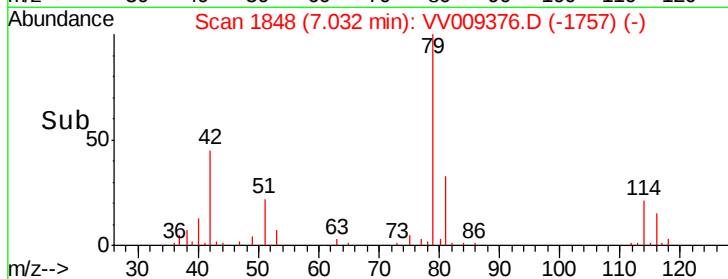
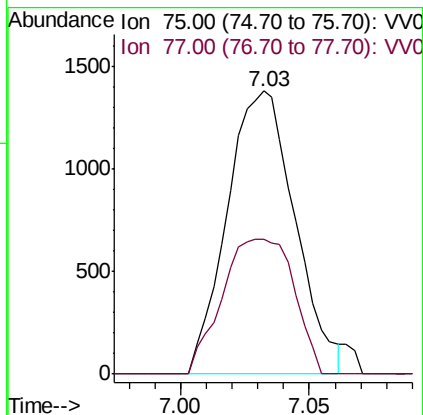
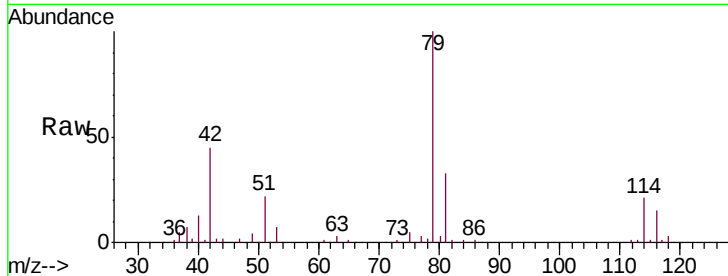


#42

cis-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009376.D
Acq: 26 Feb 2019 19:29

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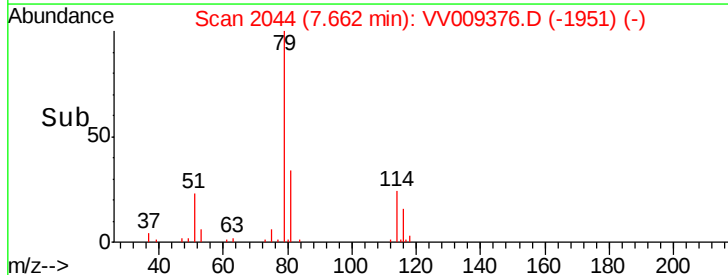
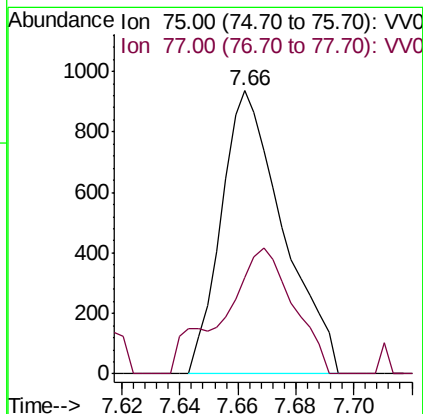
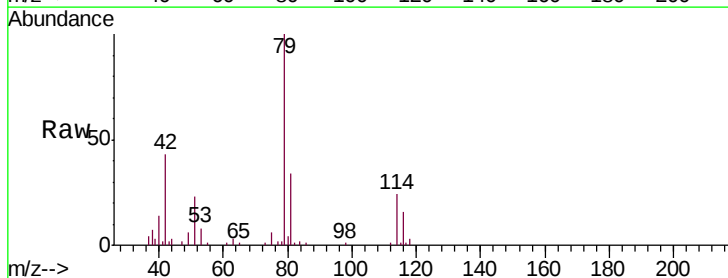
Tgt Ion: 75 Resp: 2527
Ion Ratio Lower Upper
75 100
77 47.9 21.4 39.8#

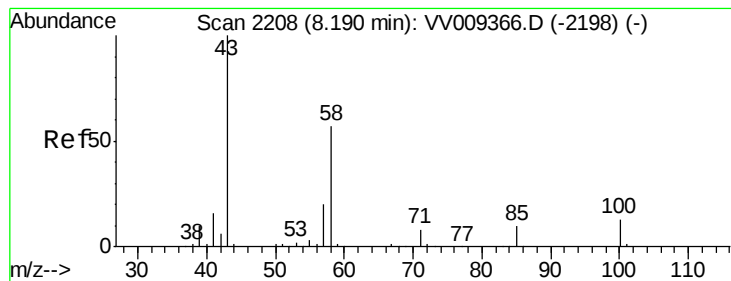


#45

trans-1,3-Dichloropropene
Concen: 0.499 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009376.D
Acq: 26 Feb 2019 19:29

Tgt Ion: 75 Resp: 1387
Ion Ratio Lower Upper
75 100
77 34.1 22.5 41.7





#49

2-Hexanone

Concen: 2.581 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV009376.D

Acq: 26 Feb 2019 19:29

Instrument :

MSVOA_V

ClientSampleId :

DB610

Tgt Ion: 43 Resp: 2974

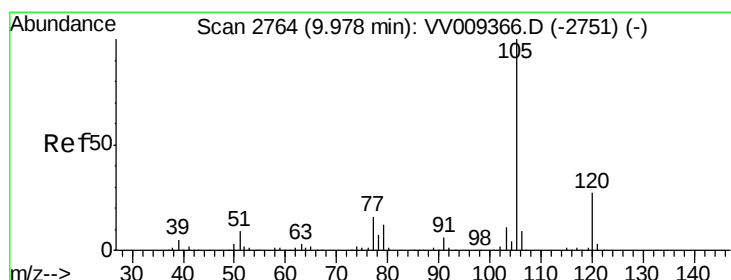
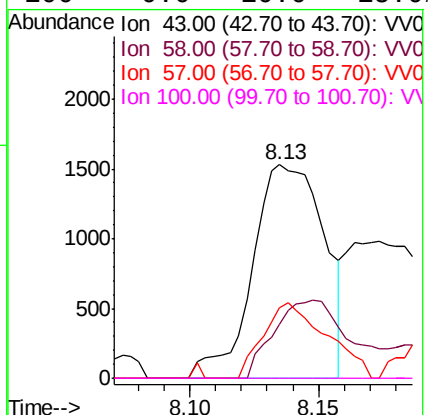
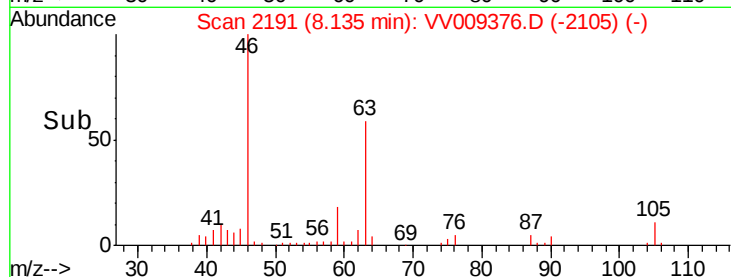
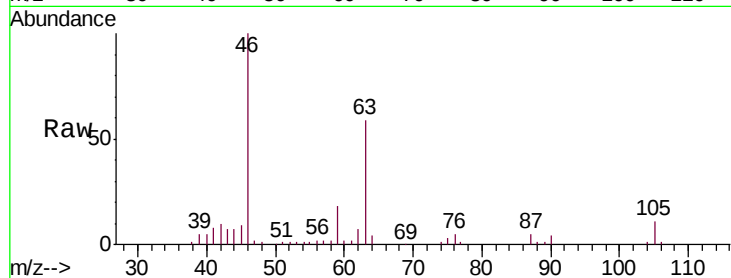
Ion Ratio Lower Upper

43 100

58 37.8 46.3 69.5#

57 31.2 15.8 23.6#

100 0.0 10.0 15.0#



#57

Isopropylbenzene

Concen: 1.403 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.03 min

Lab File: VV009376.D

Acq: 26 Feb 2019 19:29

Tgt Ion: 105 Resp: 14071

Ion Ratio Lower Upper

105 100

120 2.4 21.4 32.2#

77 315.7 12.8 19.2#

