

Data File : VV009087.D
Acq On : 20 Dec 2018 16:37
Operator : SY/MD
Sample : J6471-01
Misc : 5.45 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H10RE

Quant Time: Dec 21 00:29:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155337	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50059	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36841	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
7) Chloroethane-d5	1.58	69	38744	32.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.48%
10) 1,1-Dichloroethene-d2	2.13	63	74218	18.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	3.94	46	24341	41.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.18%
24) Chloroform-d	4.40	84	97355	26.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.28%
26) 1,2-Dichloroethane-d4	5.08	65	59291	29.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.40%
29) Benzene-d6	5.10	84	193157	27.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.80%
33) 1,2-Dichloropropane-d6	6.12	67	58328	29.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.36%
37) Toluene-d8	7.36	98	165526	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.76%
38) trans-1,3-Dichloropropene-	7.67	79	23575	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.96%
39) 2-Hexanone-d5	8.14	63	14780	40.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42686	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	47678	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds

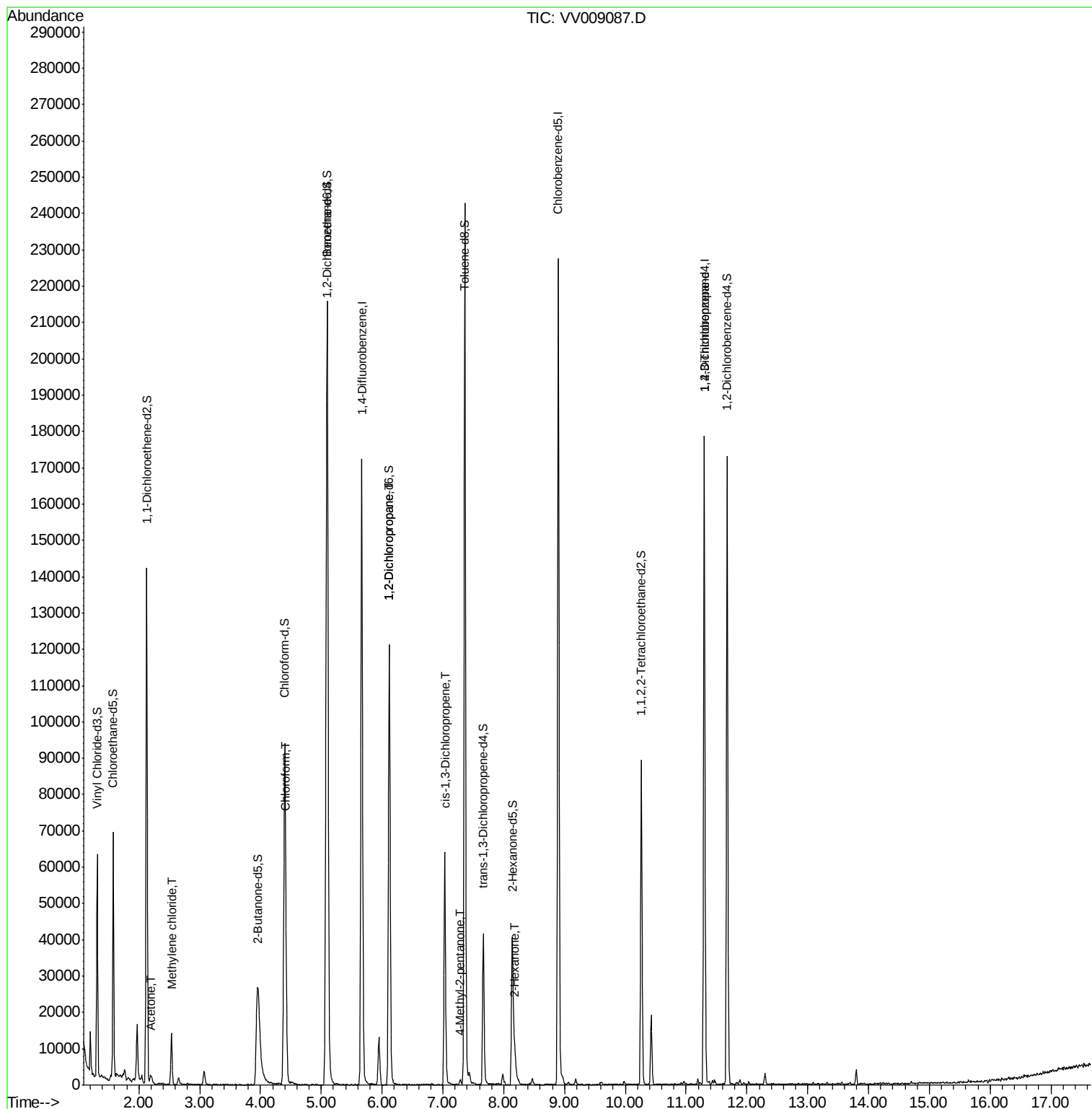
					Qvalue
13) Acetone	2.20	43	3163	3.668 ug/L	72
16) Methylene chloride	2.53	84	6109	2.335 ug/L	96
25) Chloroform	4.42	83	2940	0.781 ug/L #	41
40) 1,2-Dichloropropane	6.12	63	6477	3.543 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1819	0.680 ug/L #	79
43) 4-Methyl-2-pentanone	7.28	43	1233	0.998 ug/L #	64
49) 2-Hexanone	8.19	43	5386	5.269 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	5570	3.910 ug/L	100

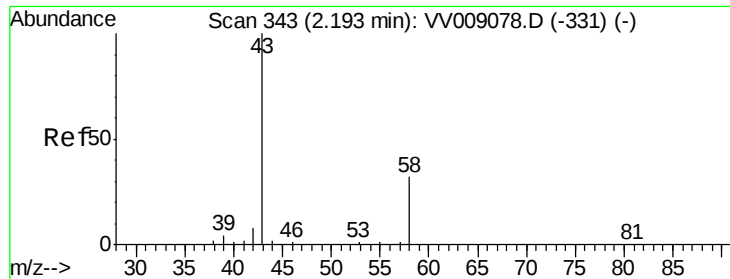
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.668 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009087.D

Acq: 20 Dec 2018 16:37

Instrument :

MSVOA_V

ClientSampleId :

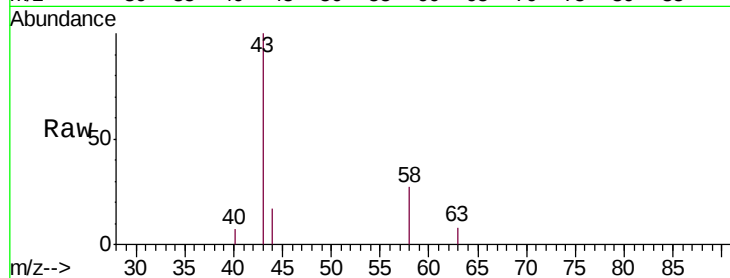
F9H10RE

Tgt Ion: 43 Resp: 3163

Ion Ratio Lower Upper

43 100

58 17.0 0.0 65.4

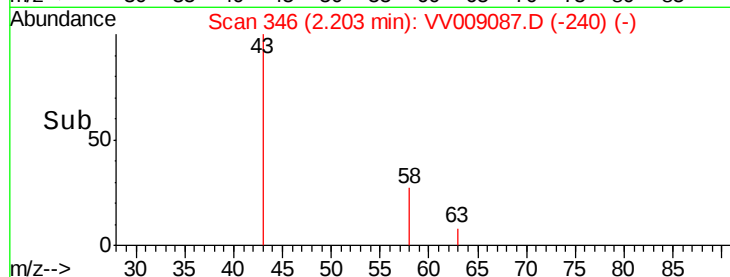


Abundance Ion 43.00 (42.70 to 43.70): VV009087.D (-346) (-)

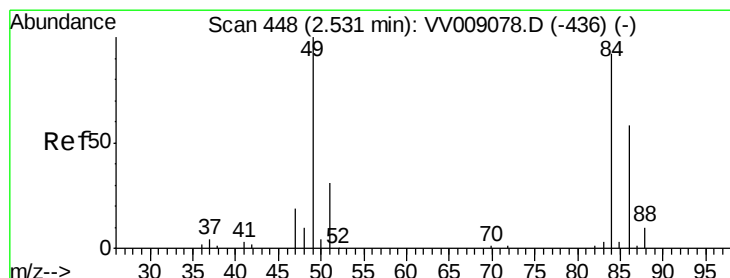
Ion 58.00 (57.70 to 58.70): VV009087.D (-346) (-)

Time-->

2.15 2.20 2.25



2.15 2.20 2.25



#16

Methylene chloride

Concen: 2.335 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009087.D

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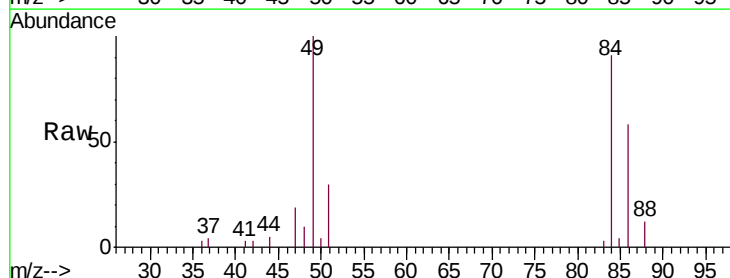
Tgt Ion: 84 Resp: 6109

Ion Ratio Lower Upper

84 100

49 109.8 80.5 149.5

86 63.2 45.5 84.5



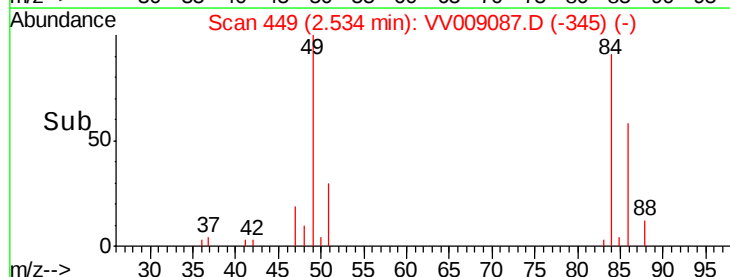
Abundance Ion 84.00 (83.70 to 84.70): VV009087.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV009087.D (-345) (-)

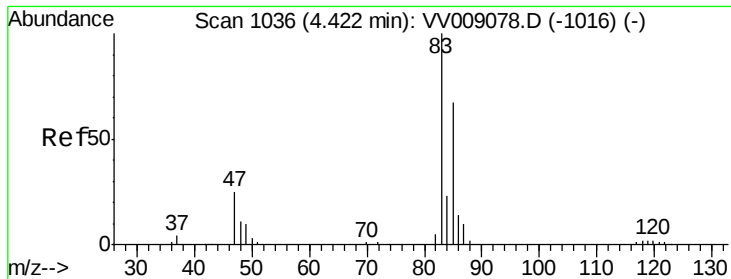
Ion 86.00 (85.70 to 86.70): VV009087.D (-345) (-)

Time-->

2.50 2.55



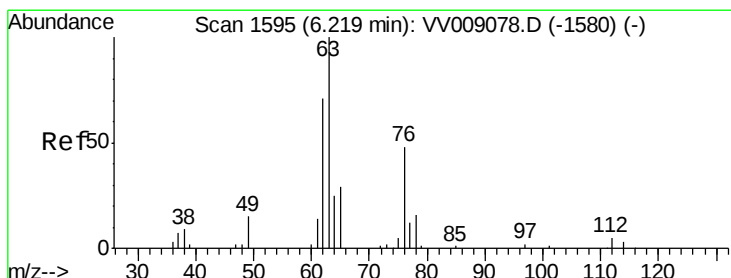
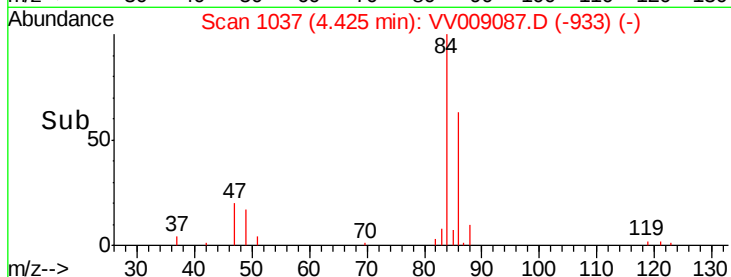
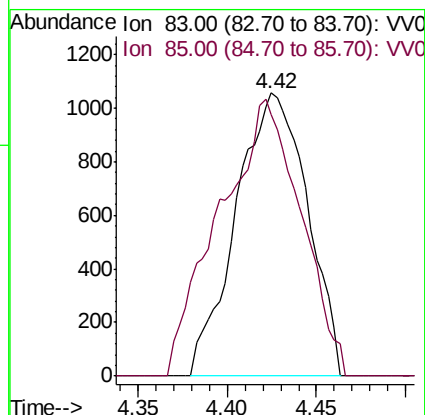
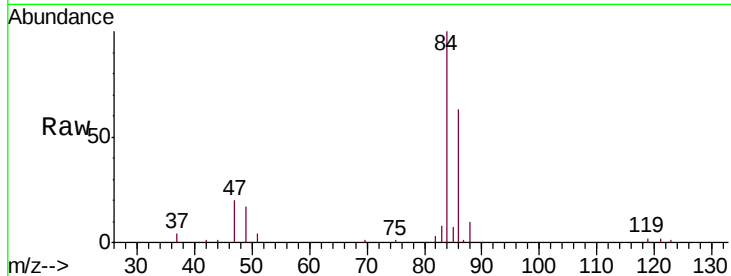
2.50 2.55



#25
Chloroform
Concen: 0.781 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009087.D
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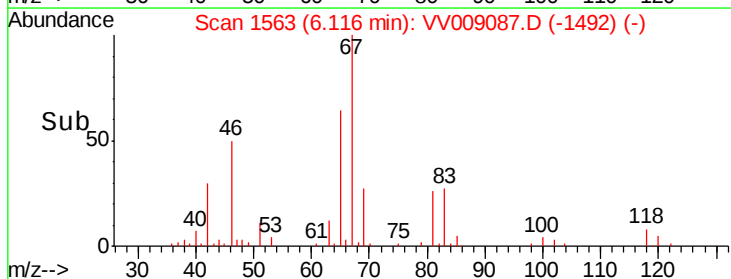
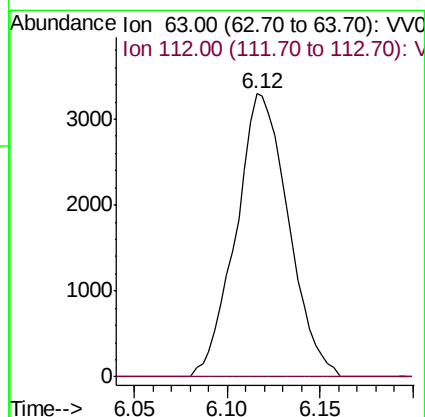
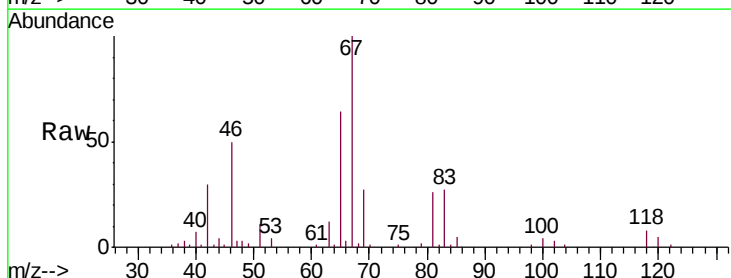
Instrument :
MSVOA_V
ClientSampleId :
F9H10RE

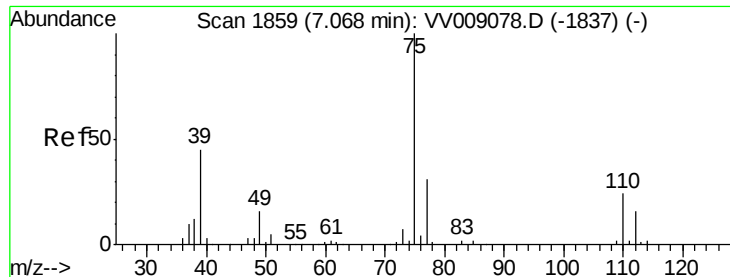
Tgt Ion: 83 Resp: 2940
Ion Ratio Lower Upper
83 100
85 111.5 45.6 84.8#



#40
1,2-Dichloropropane
Concen: 3.543 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009087.D
Acq: 20 Dec 2018 16:37

Tgt Ion: 63 Resp: 6477
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

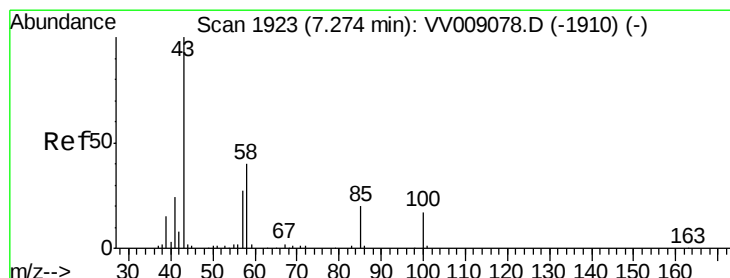
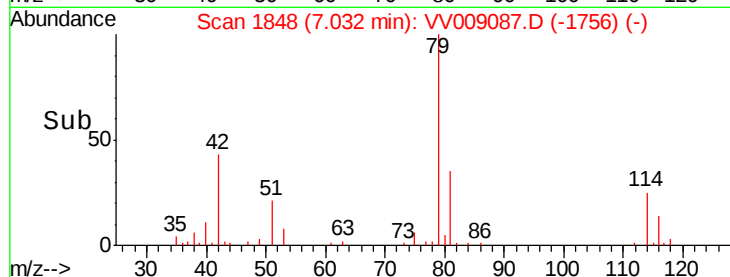
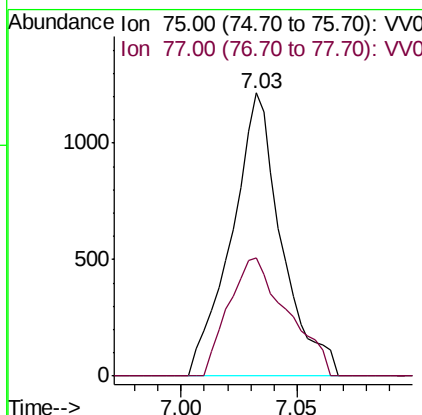
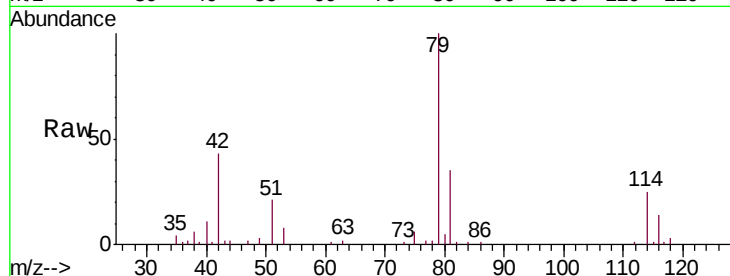




#42
 cis-1,3-Dichloropropene
 Concen: 0.680 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009087.D
 Acq: 20 Dec 2018 16:37

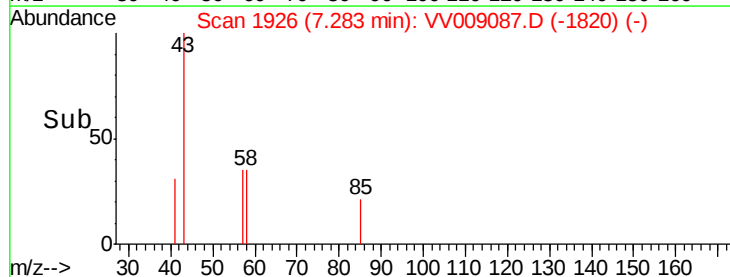
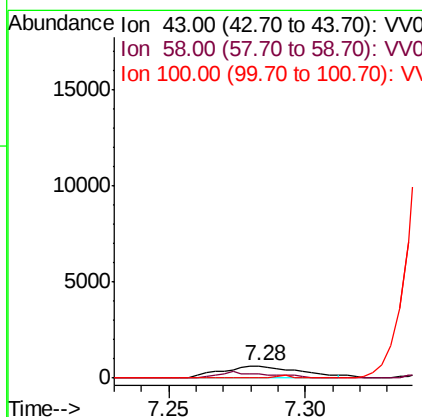
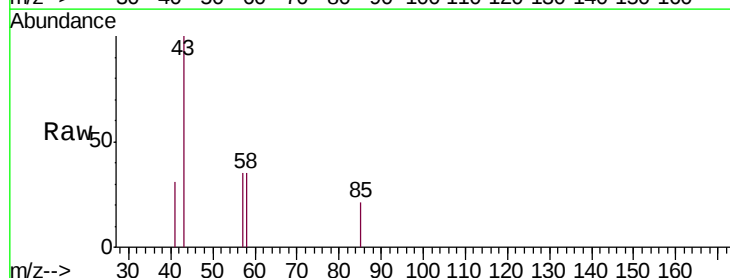
Instrument :
 MSVOA_V
 ClientSampleId :
 F9H10RE

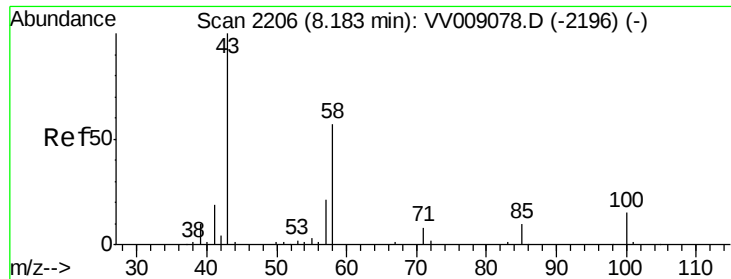
Tgt Ion: 75 Resp: 1819
 Ion Ratio Lower Upper
 75 100
 77 41.7 21.3 39.6#



#43
 4-Methyl-2-pentanone
 Concen: 0.998 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: VV009087.D
 Acq: 20 Dec 2018 16:37

Tgt Ion: 43 Resp: 1233
 Ion Ratio Lower Upper
 43 100
 58 16.9 32.2 48.4#
 100 3.8 13.8 20.8#

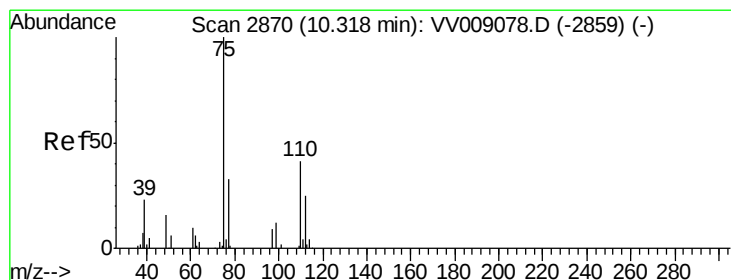
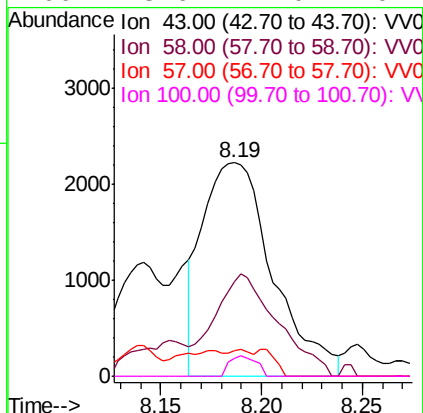
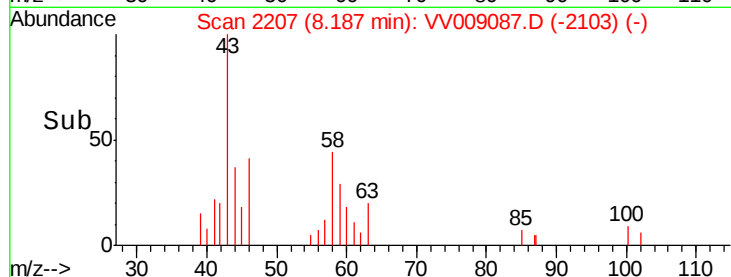
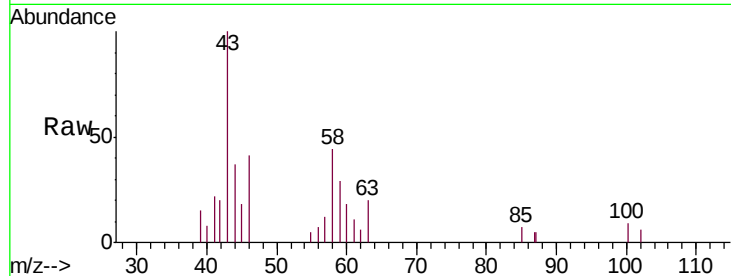




#49
2-Hexanone
Concen: 5.269 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009087.D
Acq: 20 Dec 2018 16:37

Instrument :
MSVOA_V
ClientSampleId :
F9H10RE

Tgt Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
58 43.3 43.9 65.9#
57 3.7 15.7 23.5#
100 3.6 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.910 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009087.D
Acq: 20 Dec 2018 16:37

Tgt Ion: 75 Resp: 5570
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

