

Data File : VV009573.D
Acq On : 10 Mar 2019 18:00
Operator : SY/MD
Sample : K1818-10
Misc : 5.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0R0

Quant Time: Mar 11 04:52:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117393	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117014	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49289	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24336	17.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.88%
7) Chloroethane-d5	1.57	69	28143	13.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.08%
10) 1,1-Dichloroethene-d2	2.13	63	57699	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	3.93	46	24738	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
24) Chloroform-d	4.40	84	58959	21.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	5.08	65	40527	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.88%
29) Benzene-d6	5.10	84	130688	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	6.12	67	40729	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	7.36	98	127566	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	7.67	79	17547	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	8.13	63	19292	48.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44928	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	45082	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

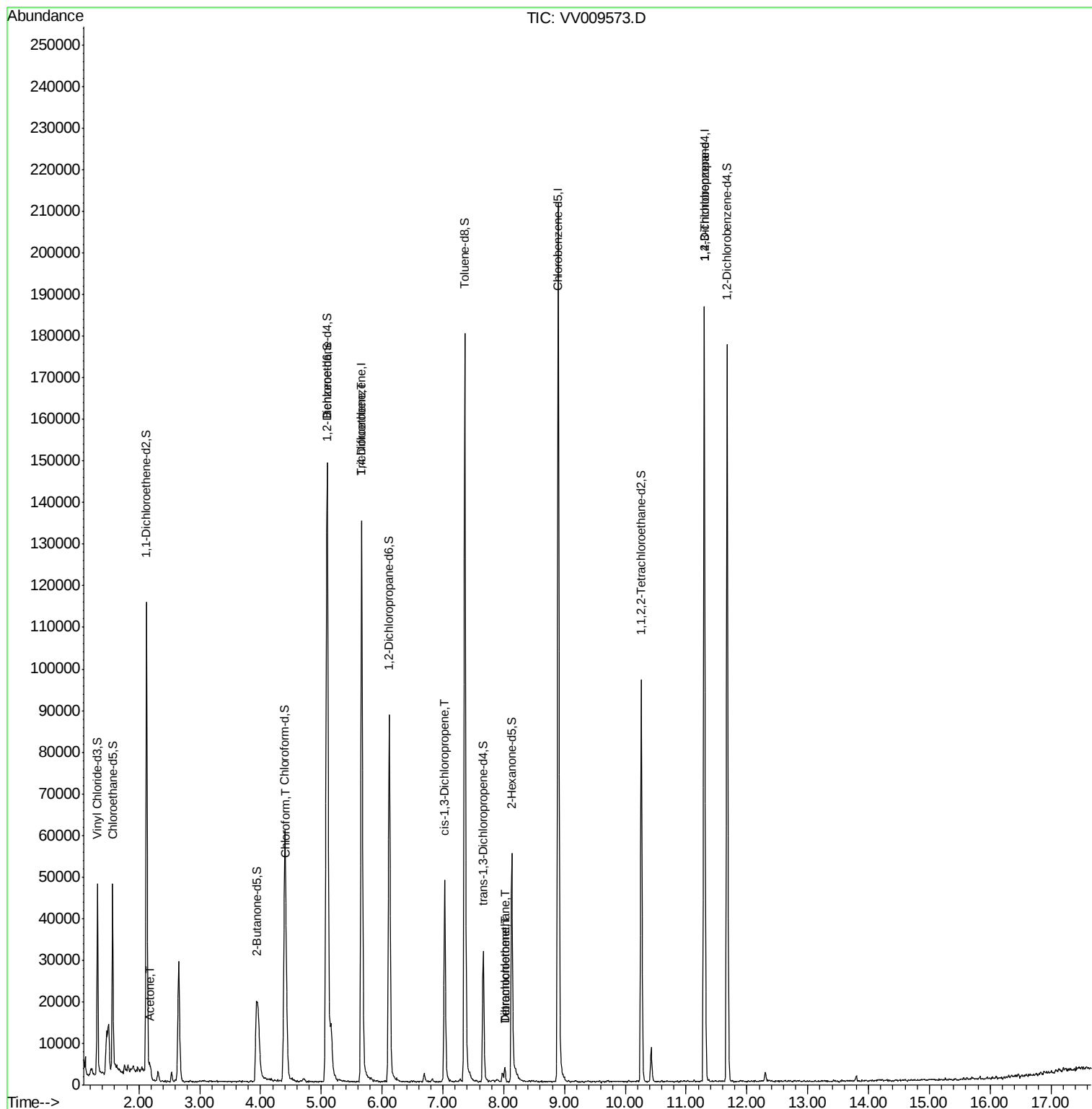
					Qvalue
13) Acetone	2.19	43	2797	5.713 ug/L	86
25) Chloroform	4.43	83	9859	3.576 ug/L	89
35) Trichloroethene	5.66	95	3293	1.895 ug/L #	6
42) cis-1,3-Dichloropropene	7.04	75	1428	0.590 ug/L #	45
47) Tetrachloroethene	8.02	164	658	0.499 ug/L	86
50) Dibromochloromethane	8.02	129	646	0.412 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	7174	5.442 ug/L	91

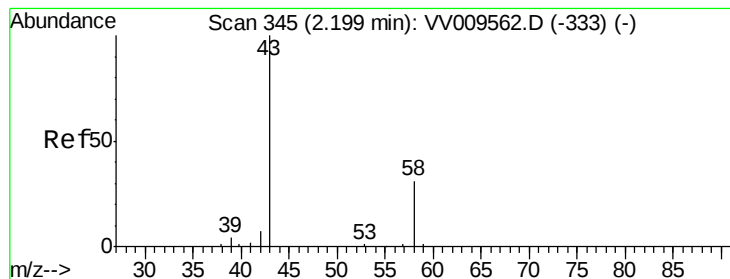
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.713 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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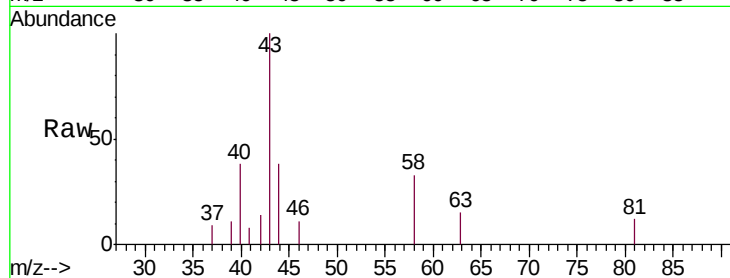
Instrument :
MSVOA_V
ClientSampleId :
BF0R0

Tgt Ion: 43 Resp: 2797

Ion Ratio Lower Upper

43 100

58 26.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009562.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009562.D (-333) (-)

2.19

1500

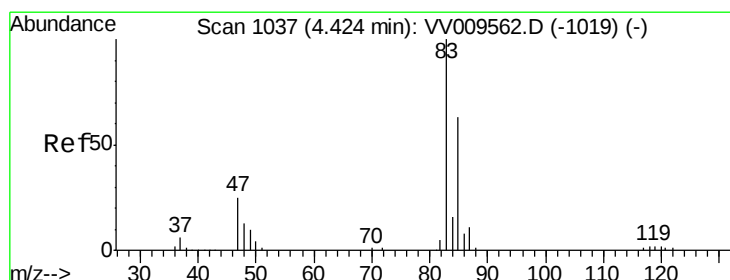
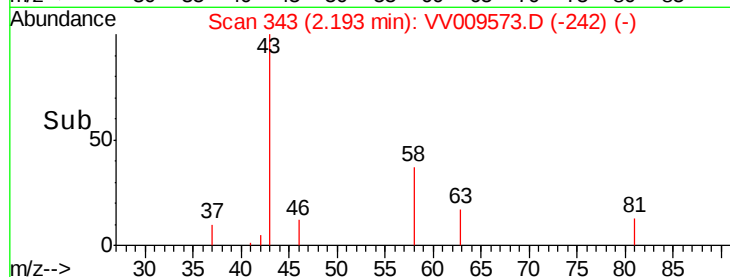
1000

500

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 3.576 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV009573.D

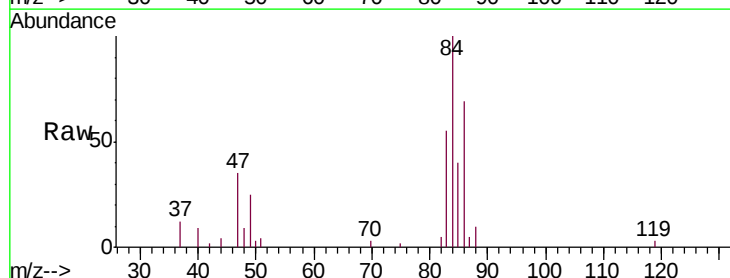
Acq: 10 Mar 2019 18:00

Tgt Ion: 83 Resp: 9859

Ion Ratio Lower Upper

83 100

85 73.8 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV009562.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV009562.D (-1019) (-)

4.43

4000

3000

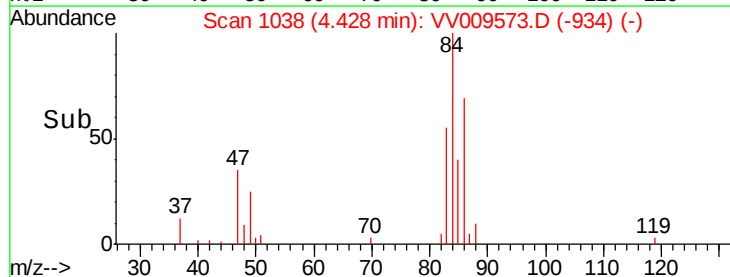
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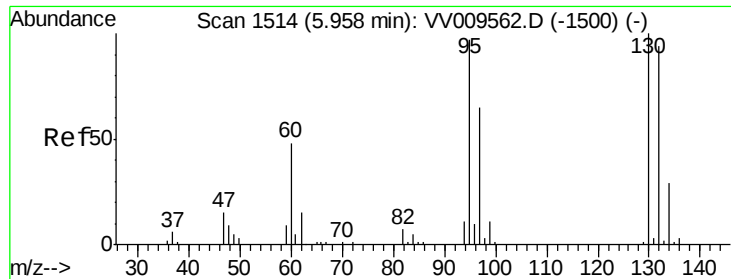
1000

0

4.35 4.40 4.45 4.50

Time-->

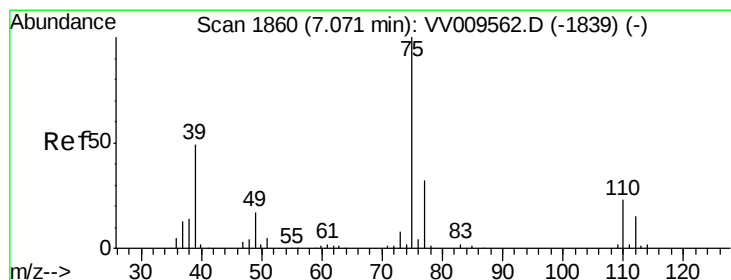
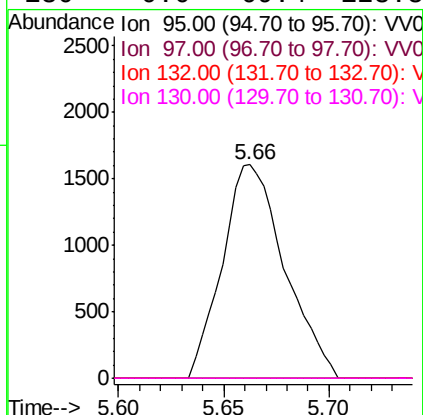
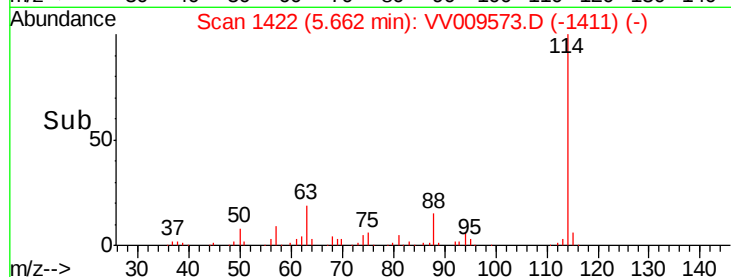
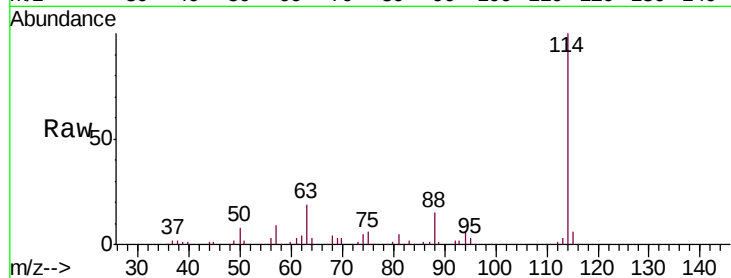




#35
 Trichloroethene
 Concen: 1.895 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.30 min
 Lab File: VV009573.D
 Acq: 10 Mar 2019 18:00

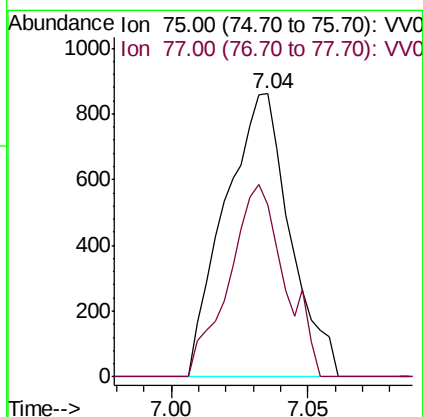
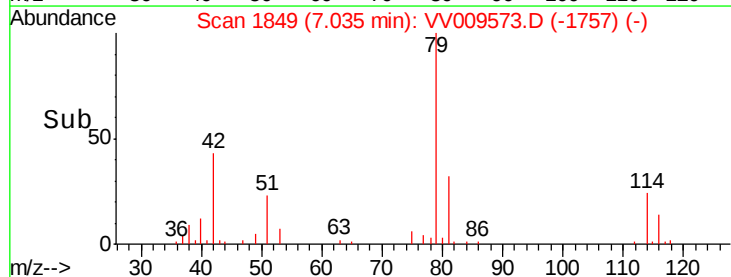
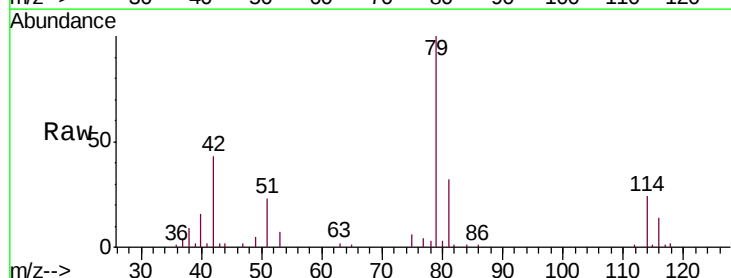
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0R0

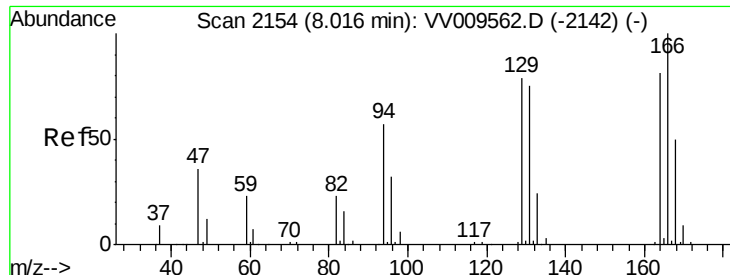
Tgt Ion: 95 Resp: 3293
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.3 82.3#
 132 0.0 64.4 119.6#
 130 0.0 69.4 128.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.590 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009573.D
 Acq: 10 Mar 2019 18:00

Tgt Ion: 75 Resp: 1428
 Ion Ratio Lower Upper
 75 100
 77 60.9 21.4 39.8#





#47

Tetrachloroethene

Concen: 0.499 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009573.D

Acq: 10 Mar 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

BF0R0

Tgt Ion:164 Resp: 658

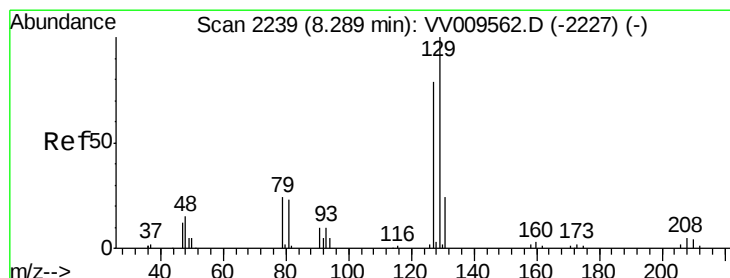
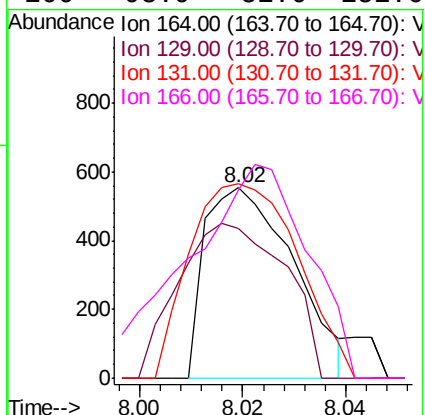
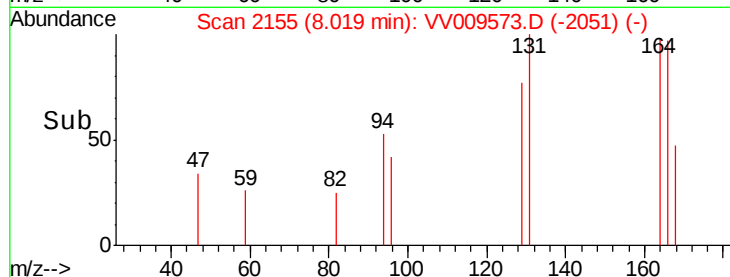
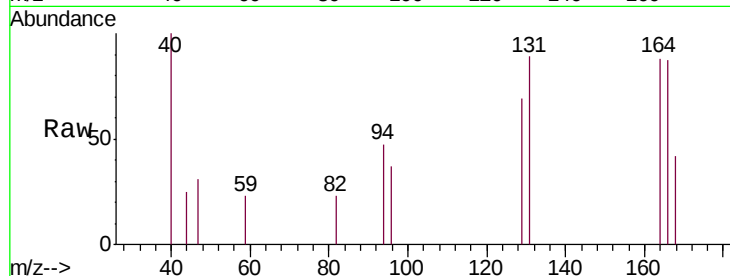
Ion Ratio Lower Upper

164 100

129 78.5 67.7 125.7

131 102.0 67.5 125.3

166 98.9 81.6 151.6



#50

Dibromochloromethane

Concen: 0.412 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV009573.D

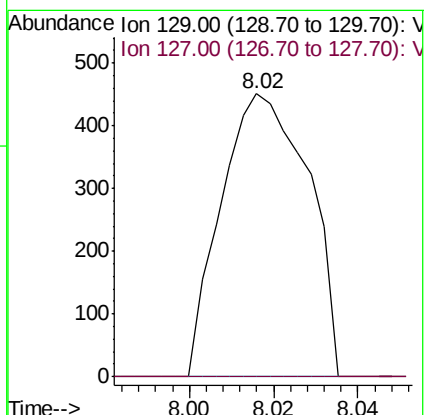
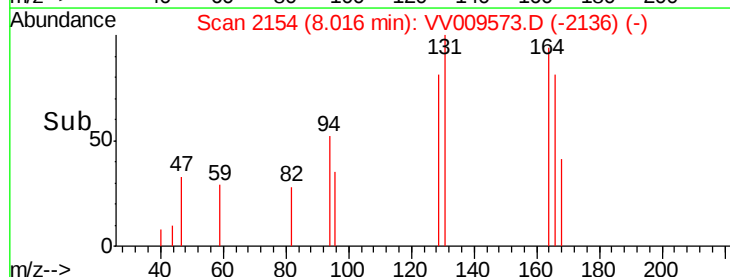
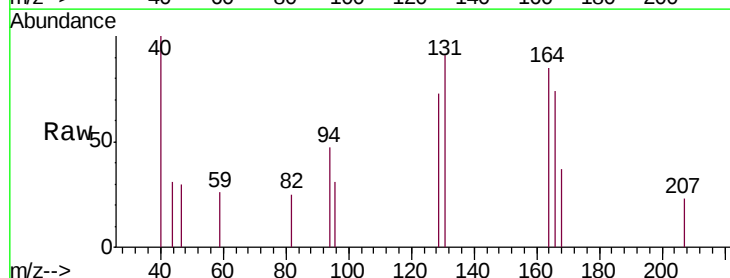
Acq: 10 Mar 2019 18:00

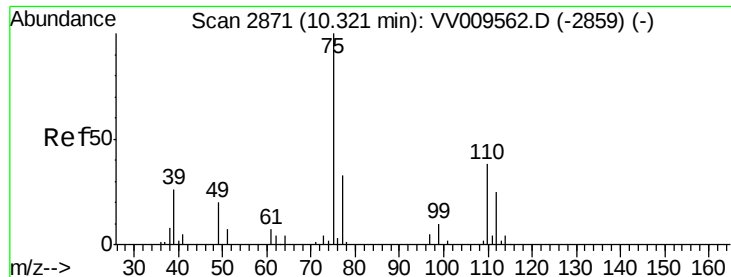
Tgt Ion:129 Resp: 646

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#





#59

1,2,3-Trichloropropane

Concen: 5.442 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009573.D

Acq: 10 Mar 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

BF0R0

Tgt Ion: 75 Resp: 7174

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9

