

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010171.D
 Acq On : 08 Apr 2019 13:10
 Operator : SY/MD
 Sample : K2255-03
 Misc : 4.30G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC36

Quant Time: Apr 09 05:34:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201691	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223210	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106463	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18506	6.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	27.40%#
7) Chloroethane-d5	1.57	69	44616	13.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.20%
10) 1,1-Dichloroethene-d2	2.13	63	50213	7.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.48%#
20) 2-Butanone-d5	3.98	46	1169	1.52	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.04%#
24) Chloroform-d	4.43	84	5016	0.99	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	3.96%#
26) 1,2-Dichloroethane-d4	5.09	65	76078	26.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.04%
29) Benzene-d6	5.10	84	216441	18.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.80%
33) 1,2-Dichloropropane-d6	6.12	67	79399	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.96%
37) Toluene-d8	7.36	98	201597	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.32%
38) trans-1,3-Dichloropropene-	7.67	79	26829	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.48%
39) 2-Hexanone-d5	8.13	63	105	0.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.30%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	139	0.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.16%#
61) 1,2-Dichlorobenzene-d4	11.67	152	95833	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

Target Compounds

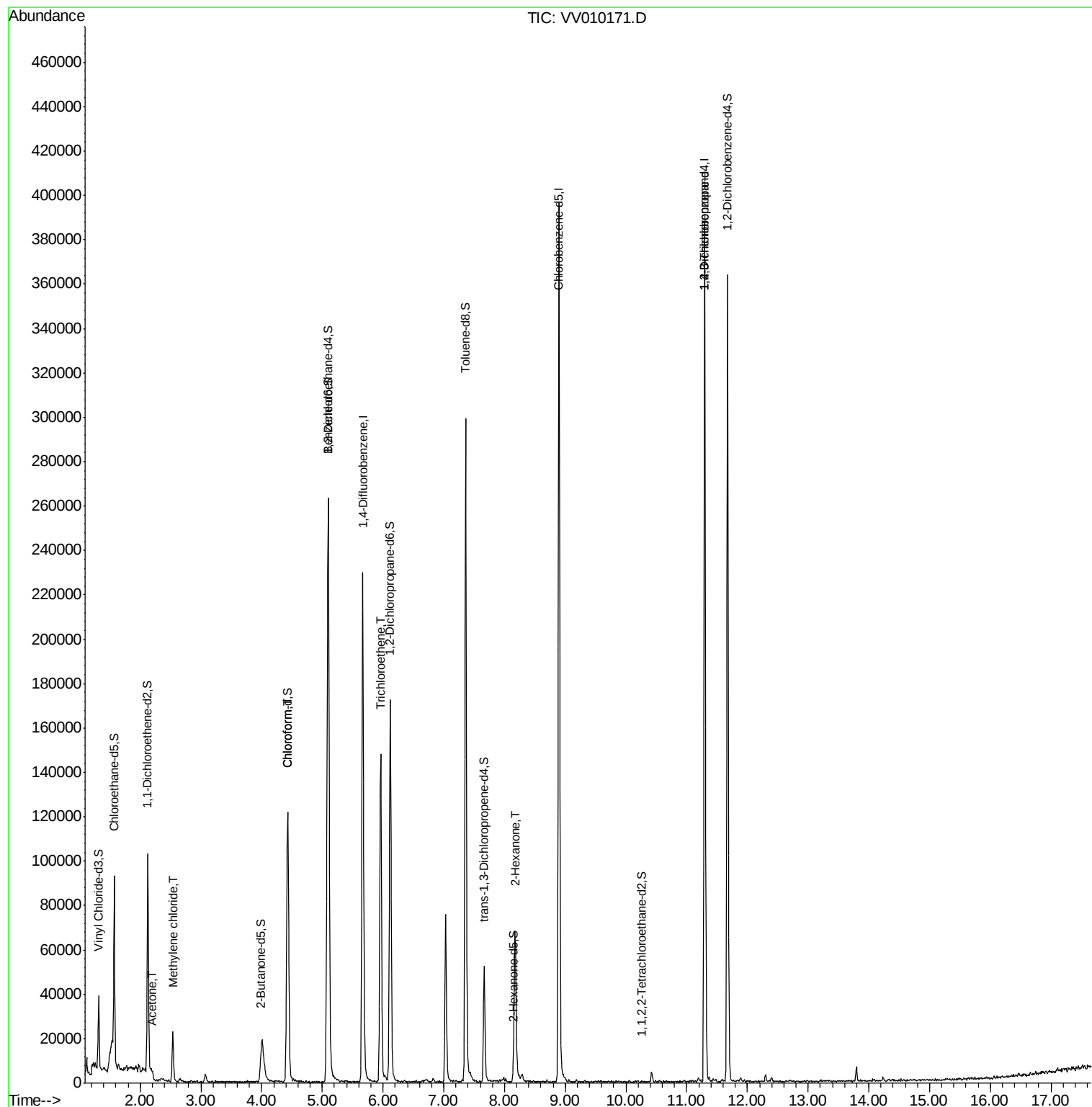
					Ovalue
13) Acetone	2.20	43	4204	5.534	ug/L 96
16) Methylene chloride	2.54	84	9772	2.758	ug/L 88
25) Chloroform	4.43	83	116675	25.442	ug/L 97
35) Trichloroethene	5.96	95	46598	14.832	ug/L 99
49) 2-Hexanone	8.18	43	27033	18.547	ug/L # 87
59) 1,2,3-Trichloropropane	11.30	75	11920	5.292	ug/L 92

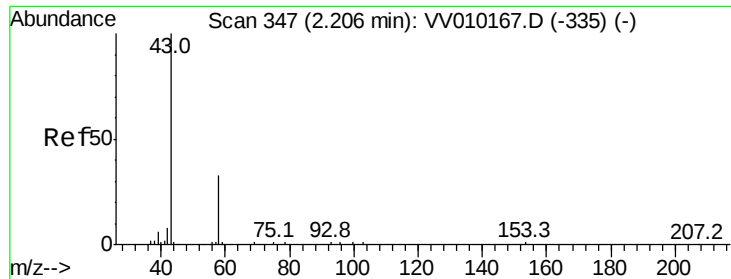
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.534 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV010171.D

Acq: 08 Apr 2019 13:10

Instrument :

MSVOA_V

ClientSampleId :

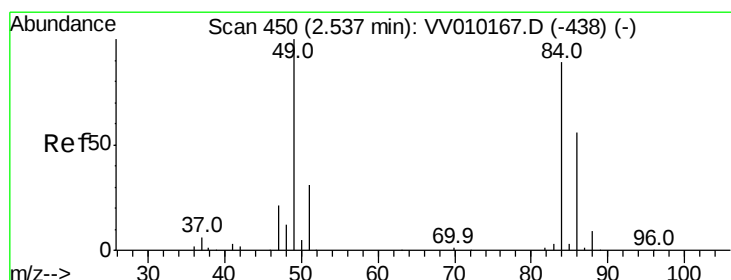
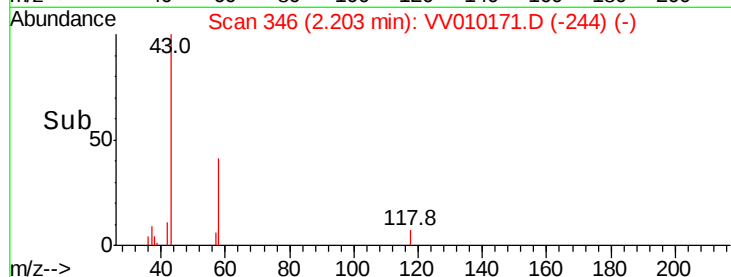
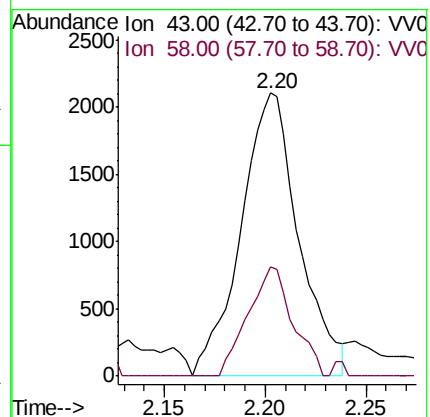
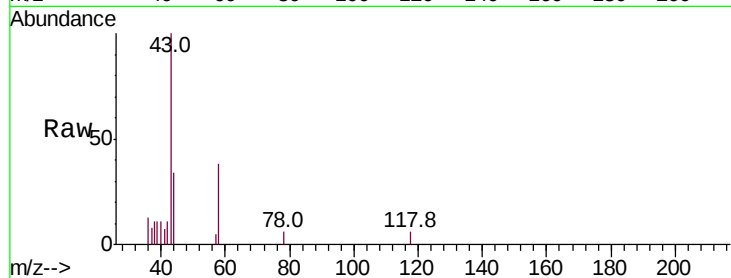
BFC36

Tot Ion: 43 Resp: 4204

Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.6



#16

Methylene chloride

Concen: 2.758 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV010171.D

Acq: 08 Apr 2019 13:10

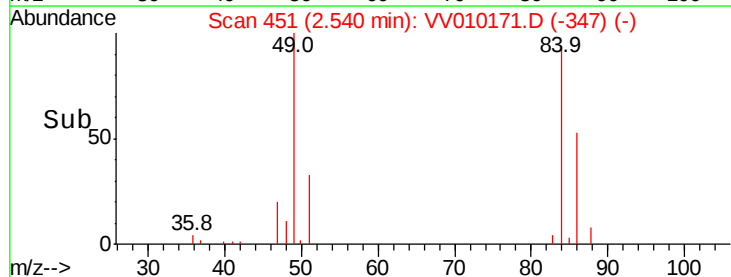
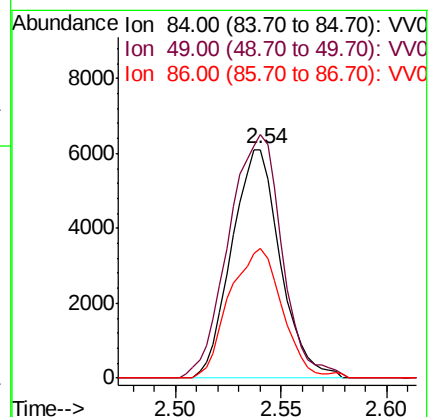
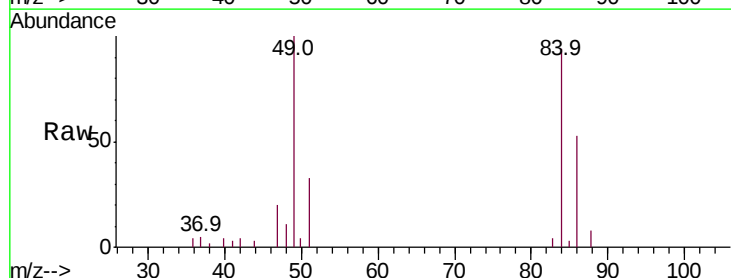
Tgt Ion: 84 Resp: 9772

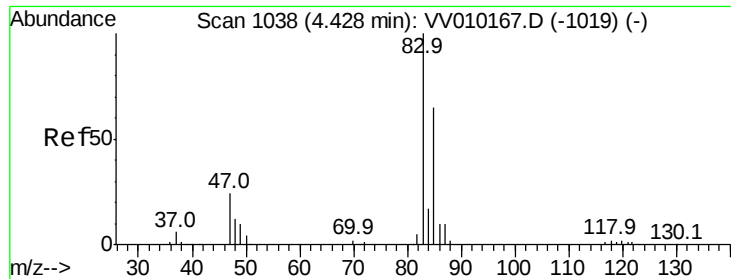
Ion Ratio Lower Upper

84 100

49 106.5 84.3 156.5

86 56.7 45.4 84.2





#25

Chloroform

Concen: 25.442 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

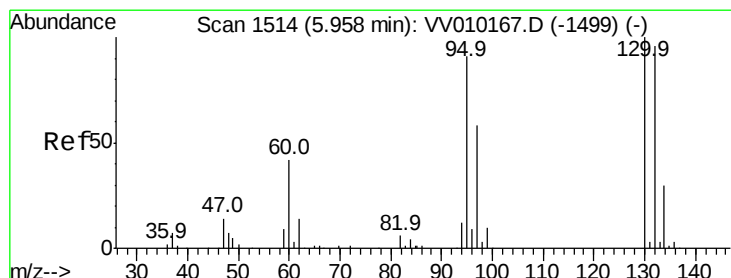
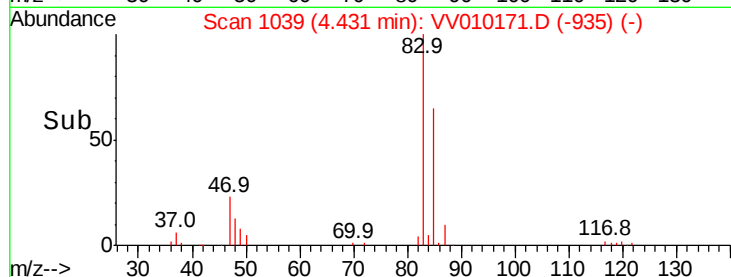
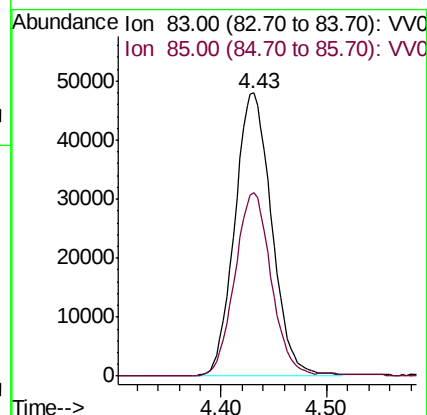
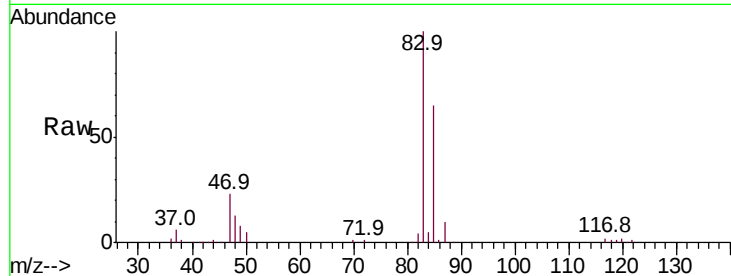
BFC36

Tot Ion: 83 Resp: 116675

Ion Ratio Lower Upper

83 100

85 63.7 46.4 86.2



#35

Trichloroethene

Concen: 14.832 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010171.D

Acq: 08 Apr 2019 13:10

Tgt Ion: 95 Resp: 46598

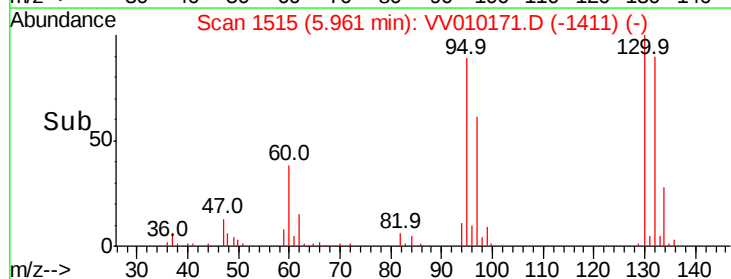
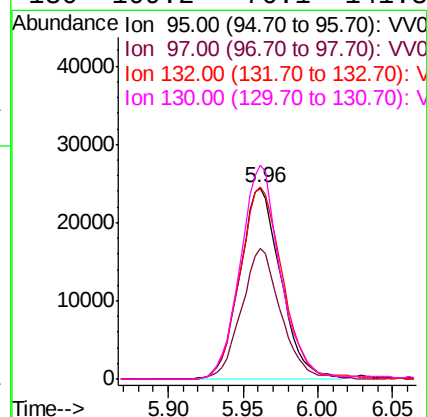
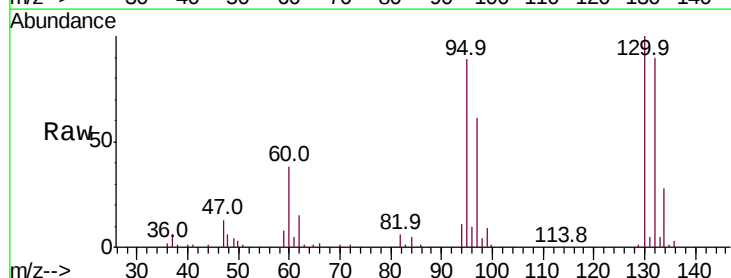
Ion Ratio Lower Upper

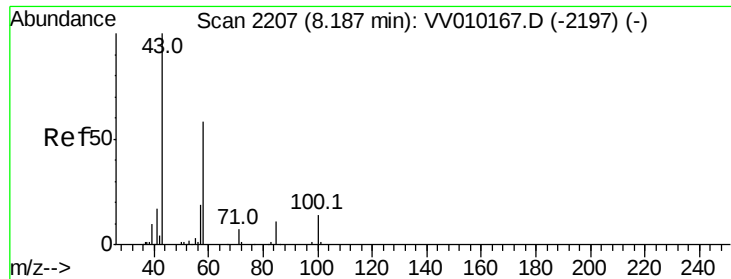
95 100

97 65.7 45.8 85.2

132 103.5 70.6 131.0

130 109.2 76.1 141.3

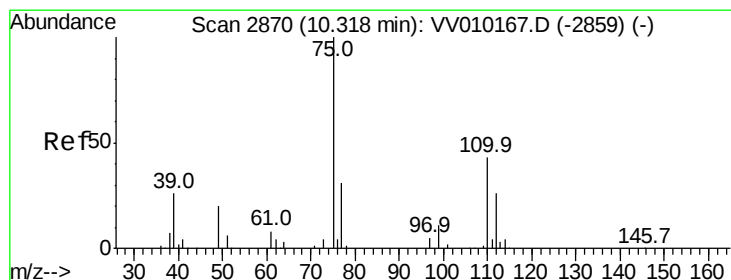
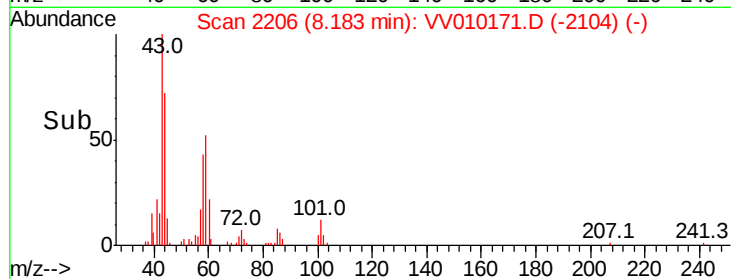
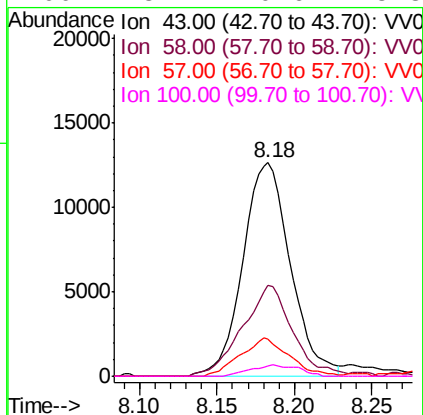
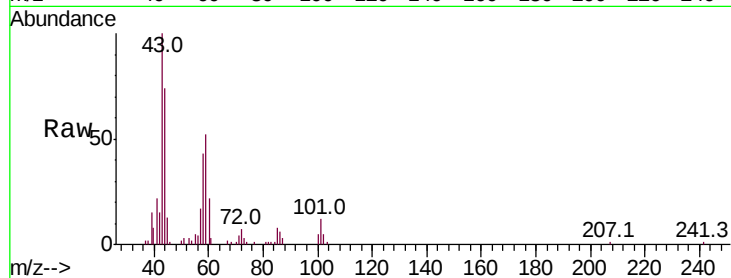




#49
2-Hexanone
Concen: 18.547 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Instrument :
MSVOA_V
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Tot Ion: 43 Resp: 27033
Ion Ratio Lower Upper
43 100
58 44.7 44.3 66.5
57 18.4 13.8 20.8
100 5.4 10.6 15.8#



#59
1,2,3-Trichloropropane
Concen: 5.292 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Tgt Ion: 75 Resp: 11920
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.8

