

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008289.D
 Acq On : 16 Oct 2018 10:41
 Operator : SY/MD
 Sample : J5406-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK2

Quant Time: Oct 17 02:31:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	109755	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29453	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	23007	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	41548	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.98	46	95781	46.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	4.41	84	60953	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	32211	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	136497	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	45556	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	119195	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	15958	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.14	63	53879	39.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23035	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	33718	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

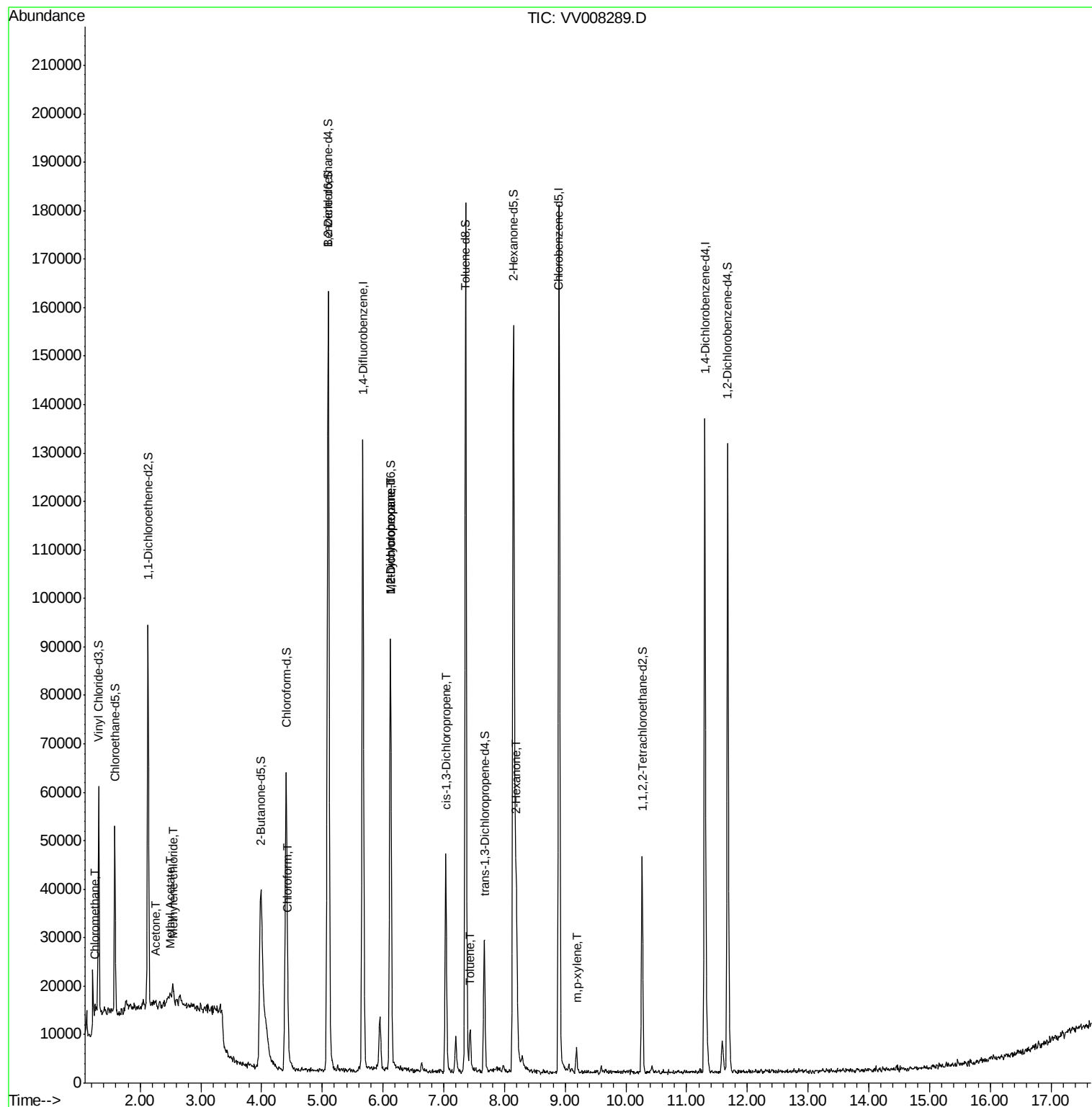
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1220	0.141	ug/L	92
13) Acetone	2.24	43	1853	1.646	ug/L	53
15) Methyl Acetate	2.49	43	710	0.254	ug/L #	50
16) Methylene chloride	2.54	84	921	0.151	ug/L	81
25) Chloroform	4.44	83	1873	0.130	ug/L	94
35) Methylcyclohexane	6.12	83	10191	0.667	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	4717	0.535	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1066	0.085	ug/L #	62
42) Toluene	7.43	91	6273	0.184	ug/L	92
48) 2-Hexanone	8.20	43	25299	6.411	ug/L #	87
53) m,p-xylene	9.18	106	1371	0.101	ug/L	69

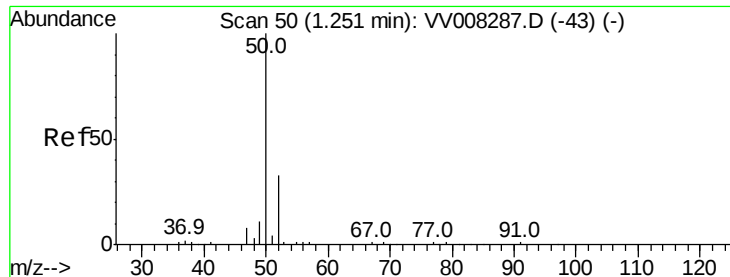
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 02:28:08 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008289.D

Acq: 16 Oct 2018 10:41

Instrument :

MSVOA_V

ClientSampled :

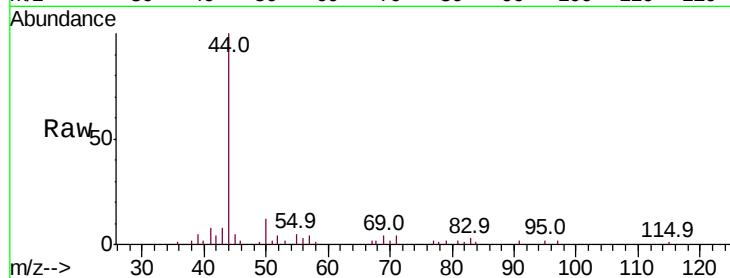
C0AK2

Tot Ion: 50 Resp: 1220

Ion Ratio Lower Upper

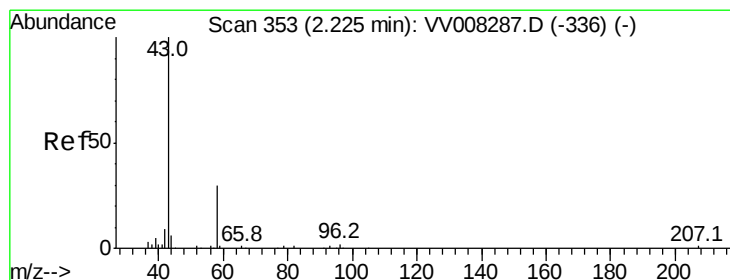
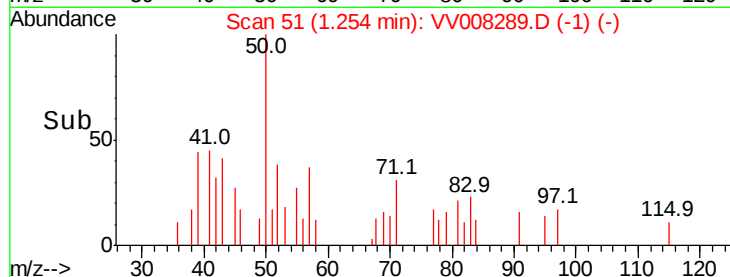
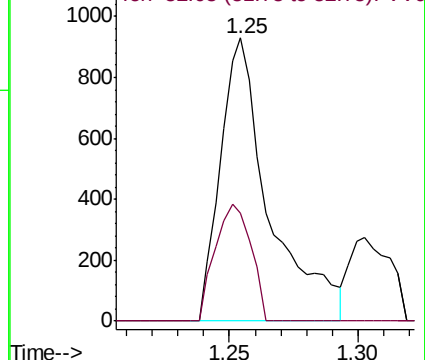
50 100

52 38.3 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 1.646 ug/L

RT: 2.24 min Scan# 359

Delta R.T. 0.02 min

Lab File: VV008289.D

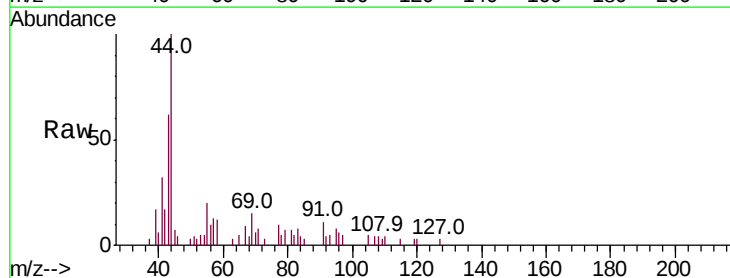
Acq: 16 Oct 2018 10:41

Tgt Ion: 43 Resp: 1853

Ion Ratio Lower Upper

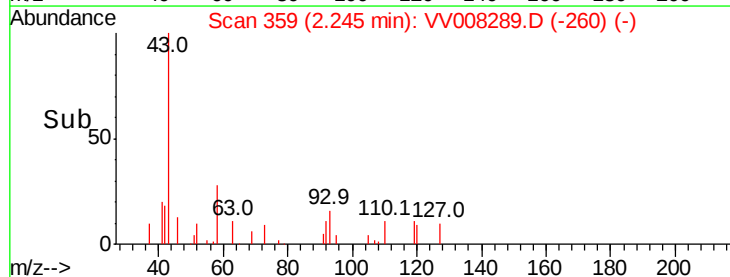
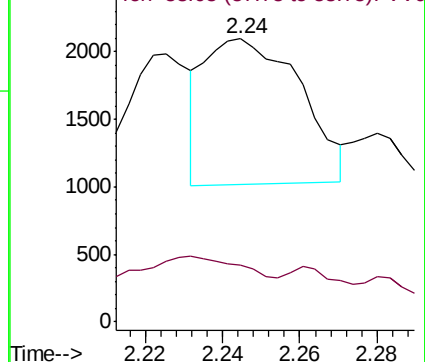
43 100

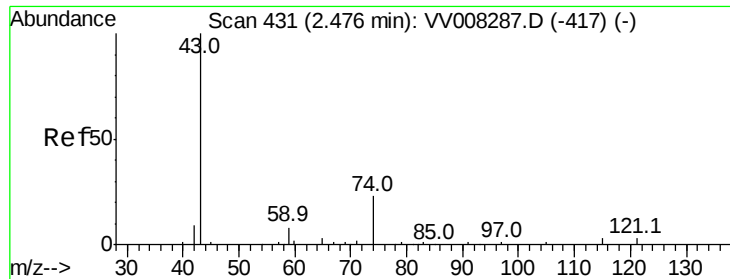
58 5.1 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

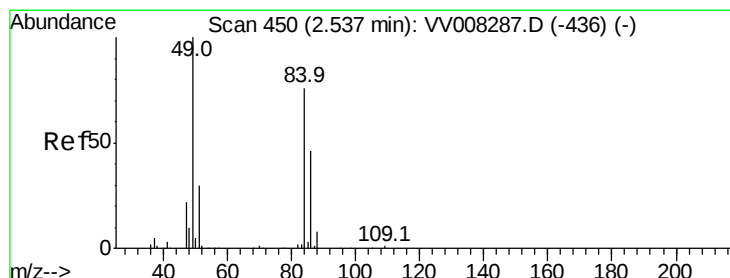
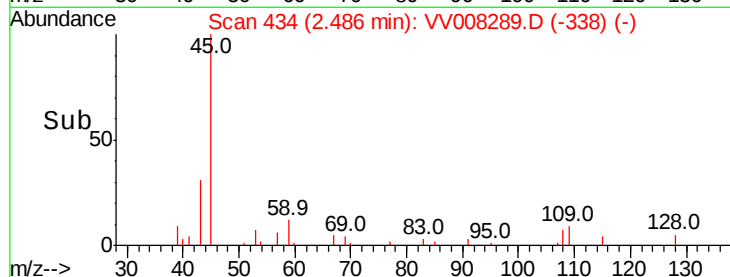
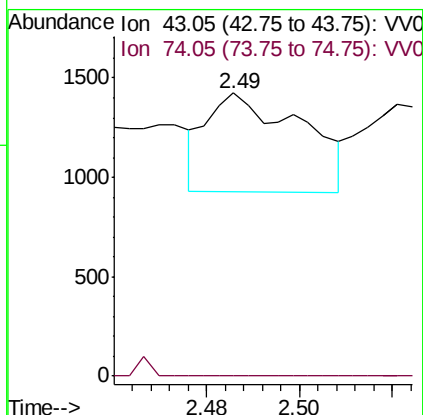
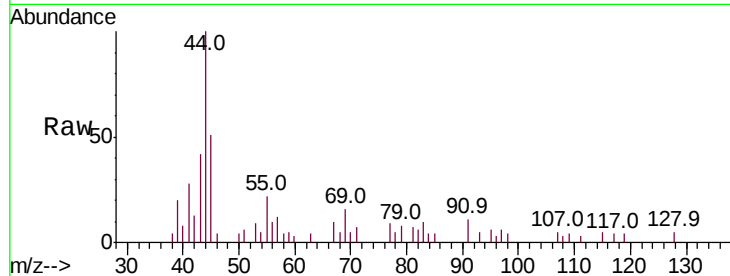




#15
Methyl Acetate
Concen: 0.254 ug/L
RT: 2.49 min Scan# 434
Delta R.T. 0.01 min
Lab File: VV008289.D
Acq: 16 Oct 2018 10:41

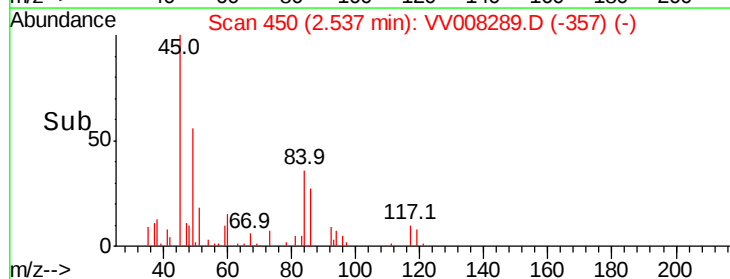
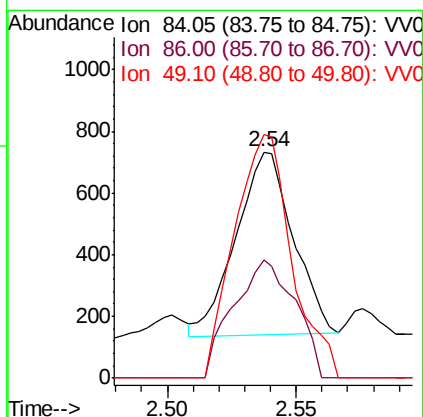
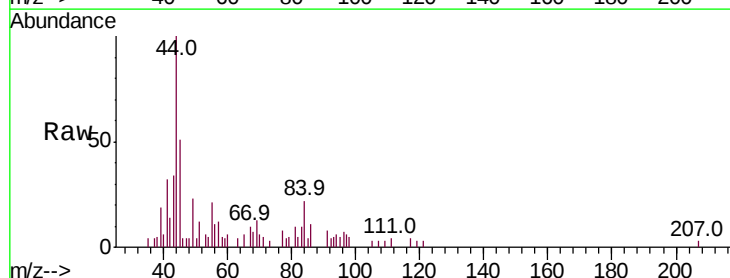
Instrument :
MSVOA_V
ClientSampleId :
C0AK2

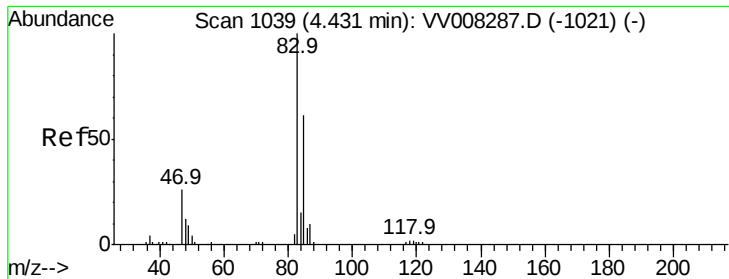
Tot Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008289.D
Acq: 16 Oct 2018 10:41

Tgt Ion: 84 Resp: 921
Ion Ratio Lower Upper
84 100
86 52.5 45.0 83.6
49 107.8 92.9 172.5





#25

Chloroform

Concen: 0.130 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV008289.D

Acq: 16 Oct 2018 10:41

Instrument :

MSVOA_V

ClientSampleId :

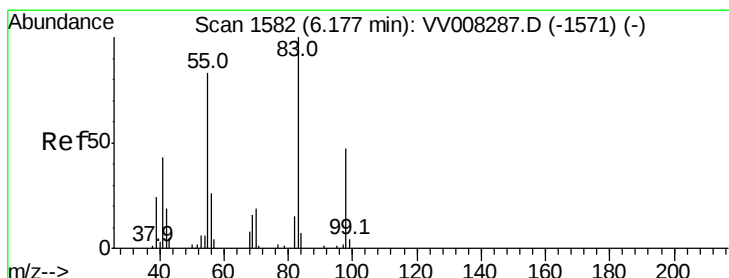
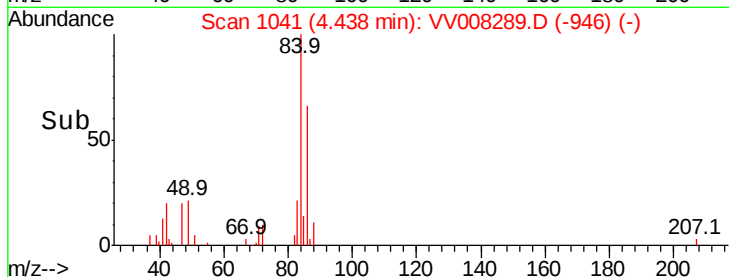
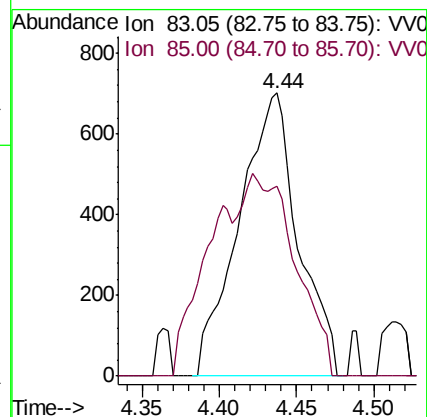
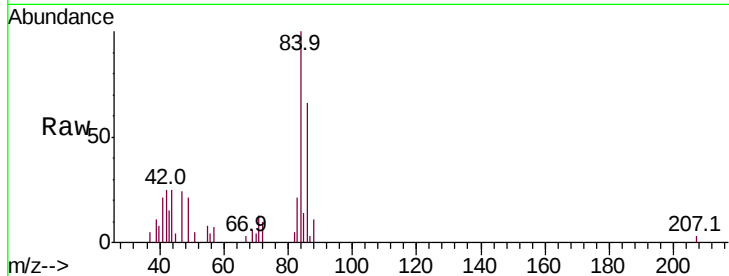
C0AK2

Tot Ion: 83 Resp: 1873

Ion Ratio Lower Upper

83 100

85 67.0 43.4 80.6



#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008289.D

Acq: 16 Oct 2018 10:41

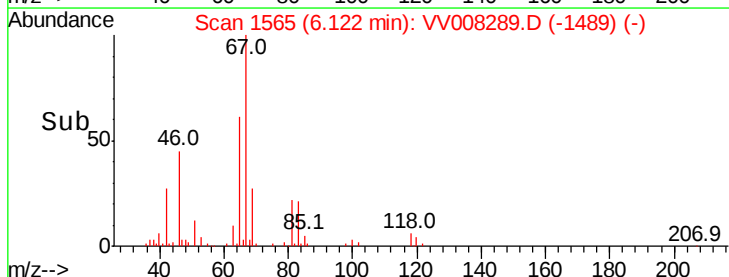
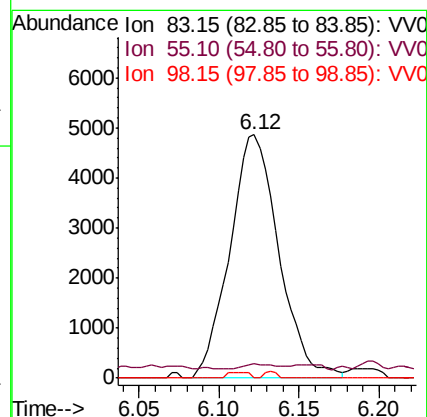
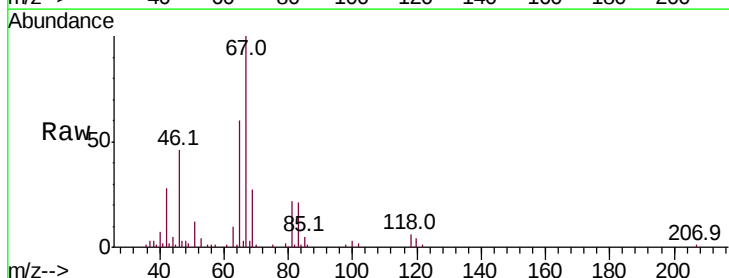
Tgt Ion: 83 Resp: 10191

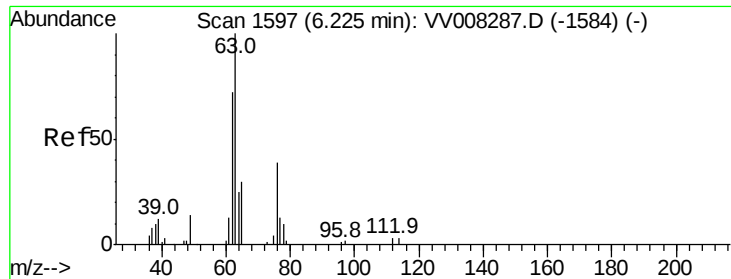
Ion Ratio Lower Upper

83 100

55 1.2 64.0 96.0#

98 1.0 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008289.D

Acq: 16 Oct 2018 10:41

Instrument :

MSVOA_V

ClientSampleId :

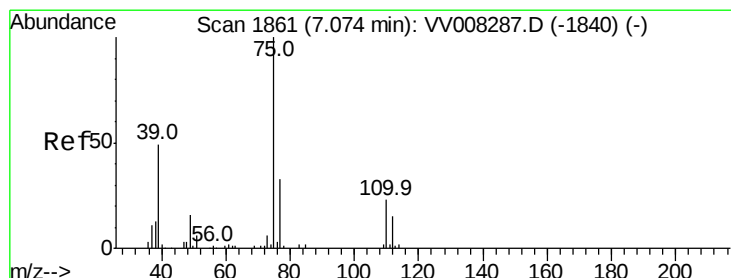
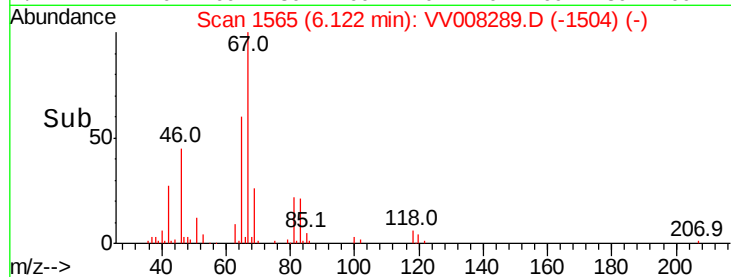
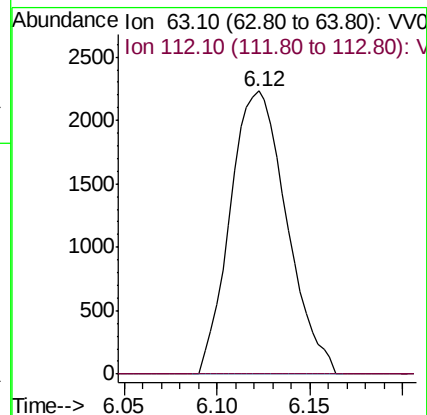
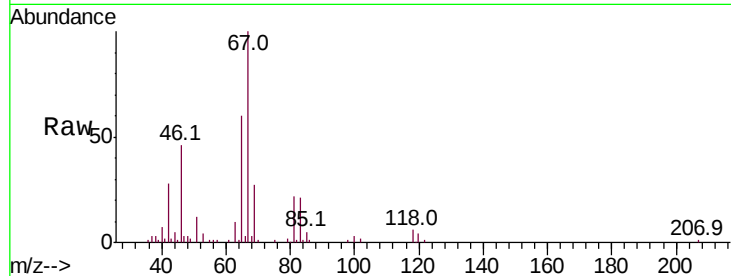
C0AK2

Tot Ion: 63 Resp: 4717

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008289.D

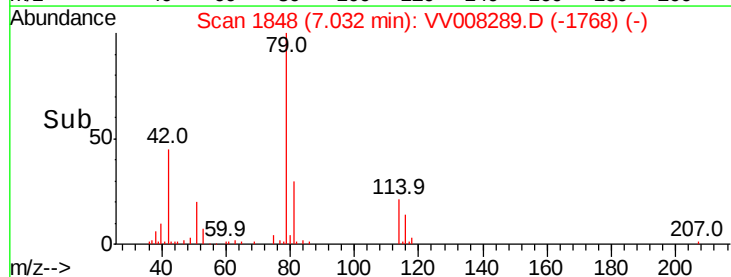
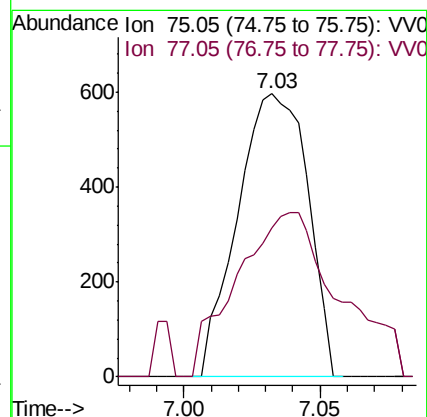
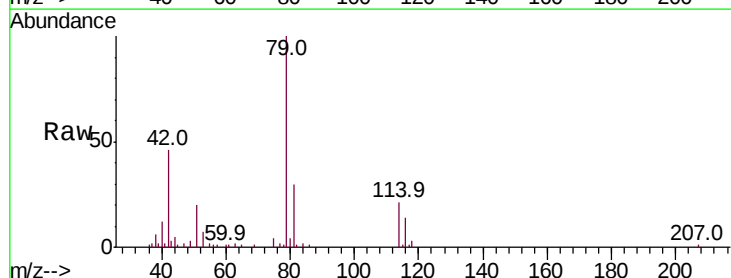
Acq: 16 Oct 2018 10:41

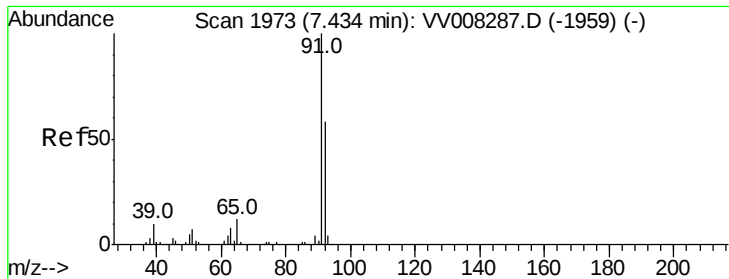
Tgt Ion: 75 Resp: 1066

Ion Ratio Lower Upper

75 100

77 52.8 22.3 41.3#





#42

Toluene

Concen: 0.184 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008289.D

Acq: 16 Oct 2018 10:41

Instrument :

MSVOA_V

ClientSampleId :

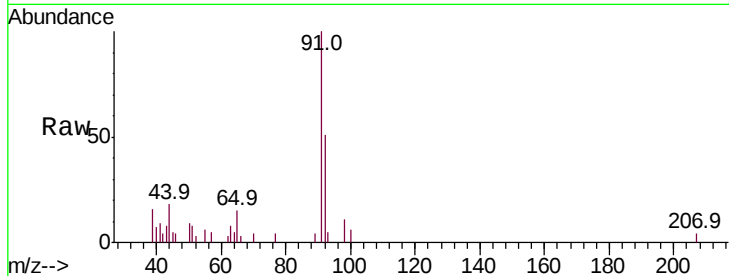
C0AK2

Tot Ion: 91 Resp: 6273

Ion Ratio Lower Upper

91 100

92 51.2 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV008289.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV008289.D (-1959) (-)

7.43

3000

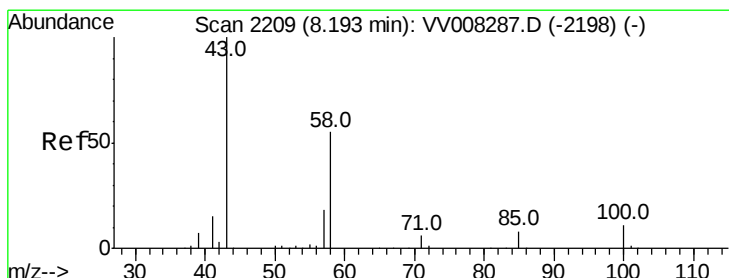
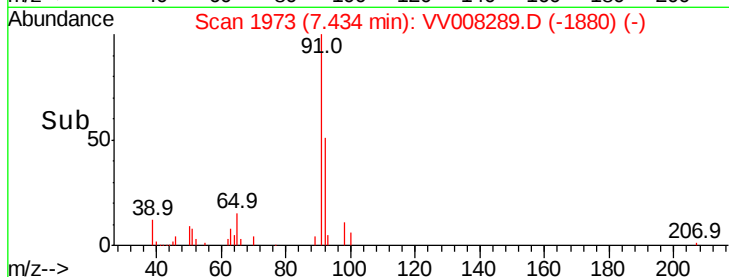
2000

1000

0

7.40 7.45 7.50

Time-->



#48

2-Hexanone

Concen: 6.411 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008289.D

Acq: 16 Oct 2018 10:41

Tgt Ion: 43 Resp: 25299

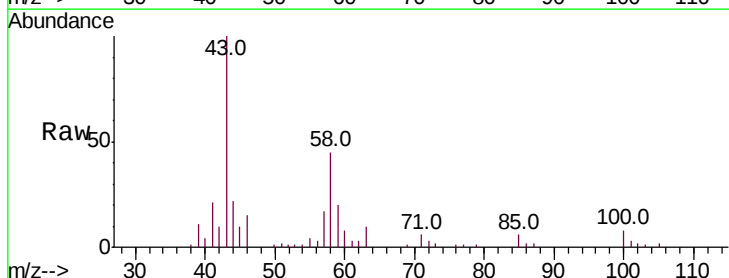
Ion Ratio Lower Upper

43 100

58 44.9 45.0 67.4#

57 14.4 14.4 21.6#

100 6.9 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV008289.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008289.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008289.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008289.D (-2198) (-)

8.20

15000

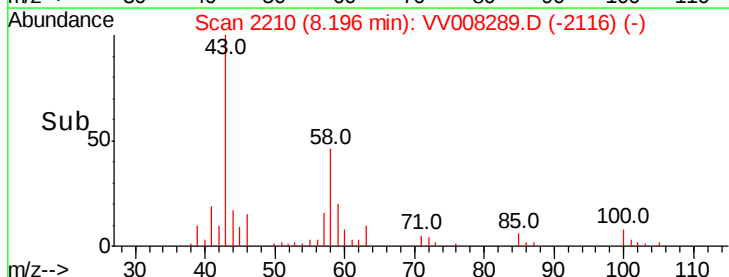
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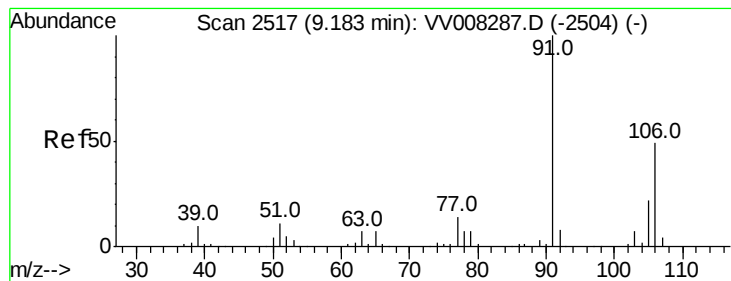
5000

0

8.15 8.20 8.25

Time-->





#53

m,p-xylene

Concen: 0.101 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008289.D

Acq: 16 Oct 2018 10:41

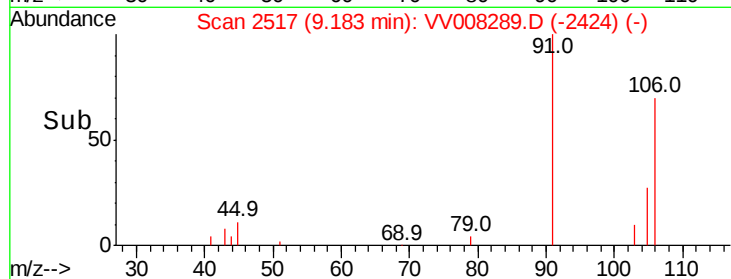
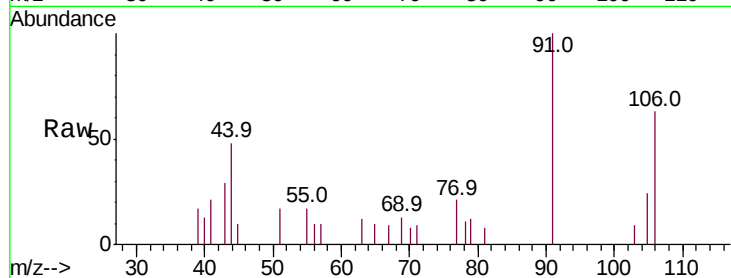
Instrument :
MSVOA_V
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Tot Ion:106 Resp: 1371

Ion Ratio Lower Upper

106 100

91 159.4 145.2 269.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

