

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008298.D
 Acq On : 16 Oct 2018 14:57
 Operator : SY/MD
 Sample : J5406-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

Quant Time: Oct 17 02:32:19 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	92108	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31532	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24907	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.59	69	20101	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	37241	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.98	46	85080	48.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.46%
24) Chloroform-d	4.41	84	50638	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.09	65	27007	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	111291	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	38921	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	98233	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	12621	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.14	63	49409	42.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21877	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	29244	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

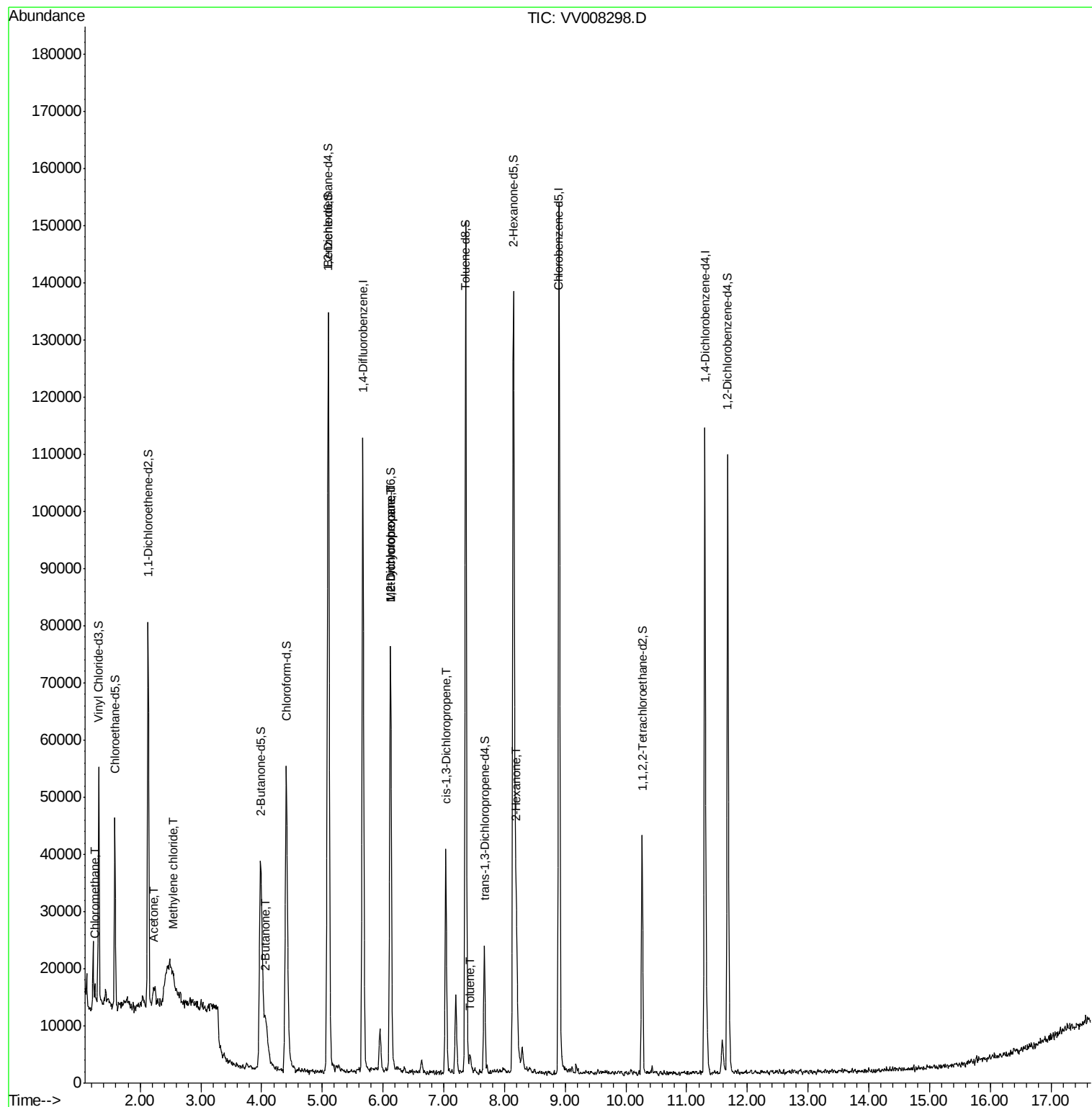
					Ovalue
3) Chloromethane	1.25	50	1461	0.202 ug/L	94
13) Acetone	2.22	43	2639	2.794 ug/L	50
16) Methylene chloride	2.55	84	773	0.151 ug/L #	38
21) 2-Butanone	4.07	43	8806	4.489 ug/L #	68
35) Methylcyclohexane	6.12	83	8369	0.639 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	4182	0.553 ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	937	0.087 ug/L #	72
42) Toluene	7.43	91	2317	0.079 ug/L	96
48) 2-Hexanone	8.20	43	20128	5.943 ug/L #	83

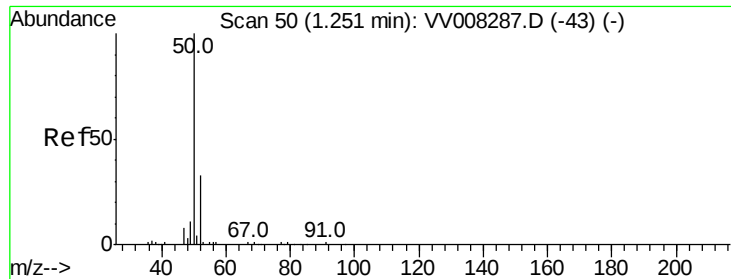
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.202 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008298.D

Acq: 16 Oct 2018 14:57

Instrument :

MSVOA_V

ClientSampleId :

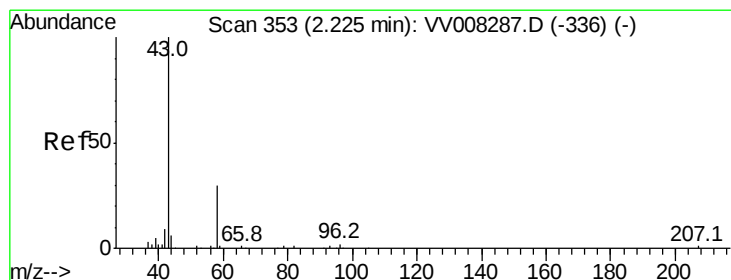
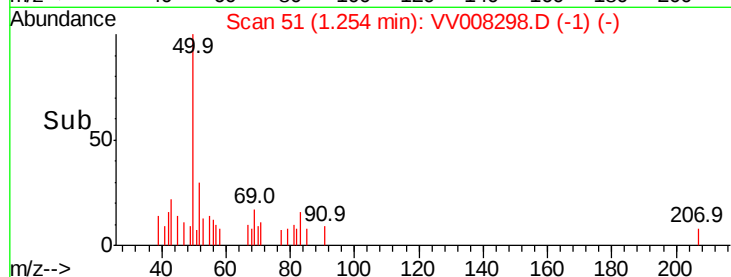
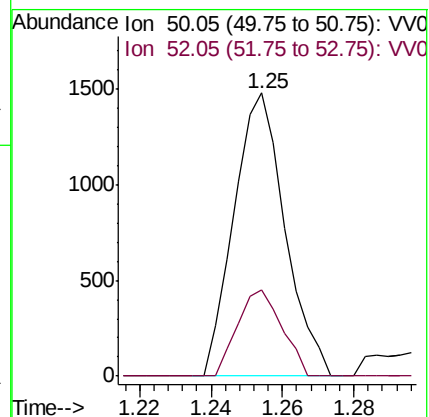
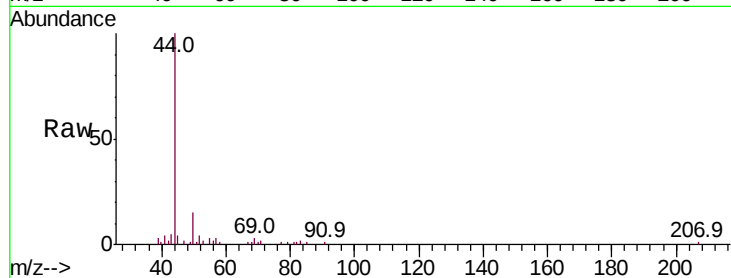
C0AK4

Tot Ion: 50 Resp: 1461

Ion Ratio Lower Upper

50 100

52 30.3 23.7 43.9



#13

Acetone

Concen: 2.794 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV008298.D

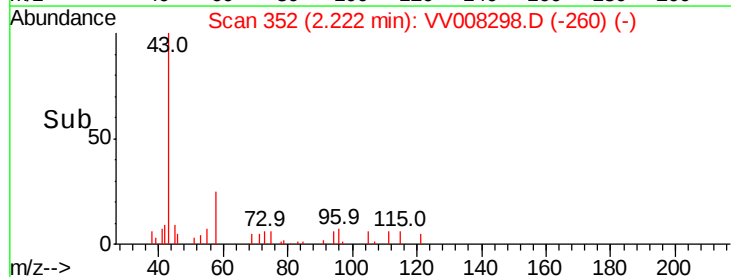
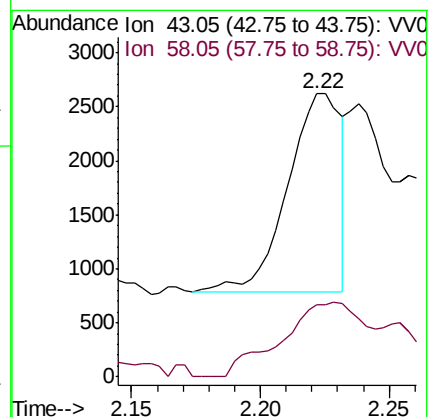
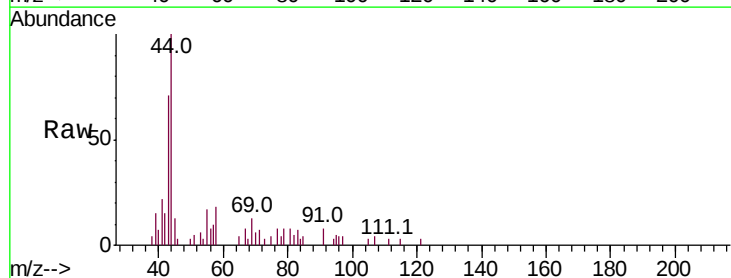
Acq: 16 Oct 2018 14:57

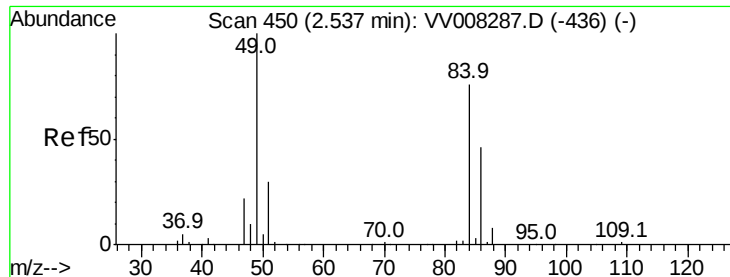
Tgt Ion: 43 Resp: 2639

Ion Ratio Lower Upper

43 100

58 58.4 0.0 62.0

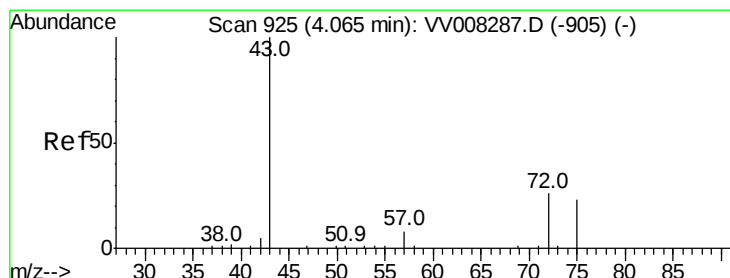
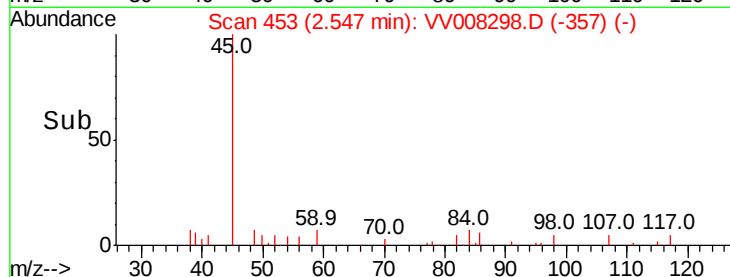
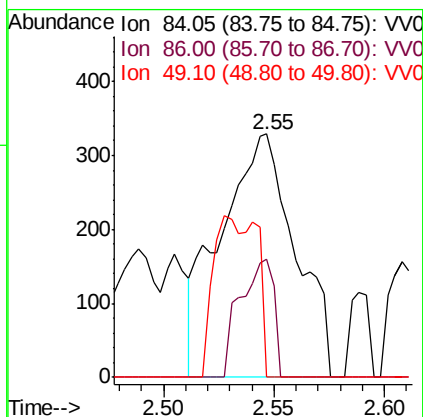
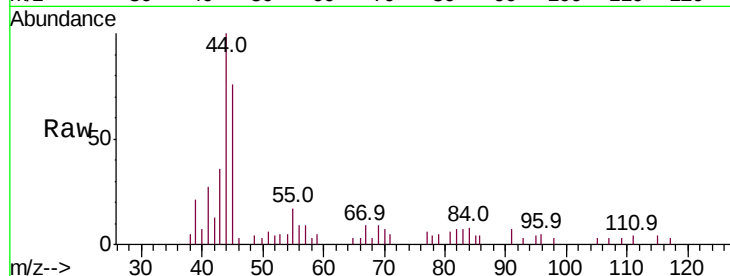




#16
Methvlene chloride
Concen: 0.151 ug/L
RT: 2.55 min Scan# 453
Delta R.T. 0.01 min
Lab File: VV008298.D
Acq: 16 Oct 2018 14:57

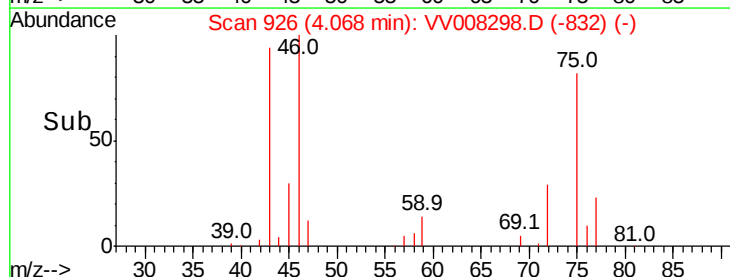
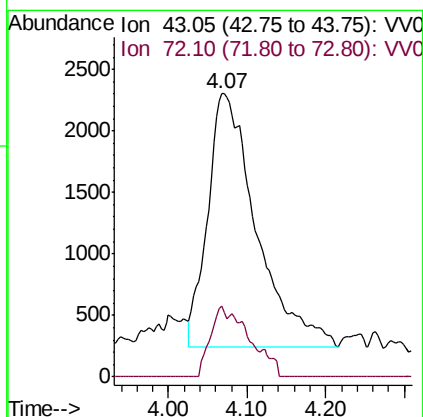
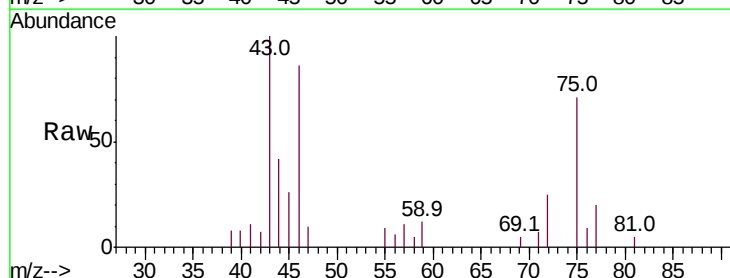
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

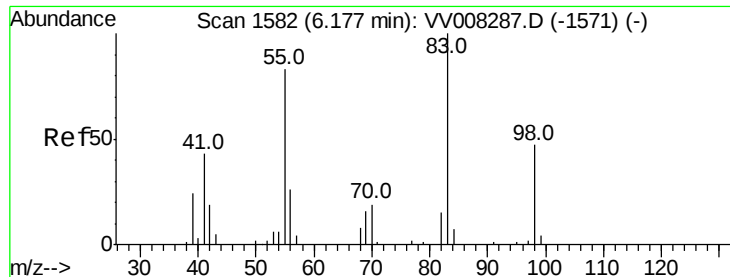
Tot Ion: 84 Resp: 773
Ion Ratio Lower Upper
84 100
86 48.3 45.0 83.6
49 35.9 92.9 172.5#



#21
2-Butanone
Concen: 4.489 ug/L
RT: 4.07 min Scan# 926
Delta R.T. 0.00 min
Lab File: VV008298.D
Acq: 16 Oct 2018 14:57

Tgt Ion: 43 Resp: 8806
Ion Ratio Lower Upper
43 100
72 9.3 12.9 38.7#





#35

Methvlcvclohexane

Concen: 0.639 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008298.D

Acq: 16 Oct 2018 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0AK4

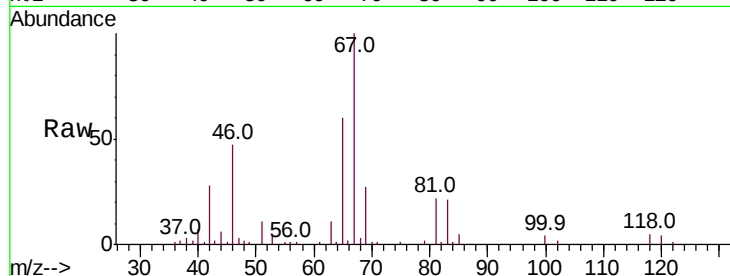
Tot Ion: 83 Resp: 8369

Ion Ratio Lower Upper

83 100

55 2.0 64.0 96.0#

98 0.0 37.0 55.4#



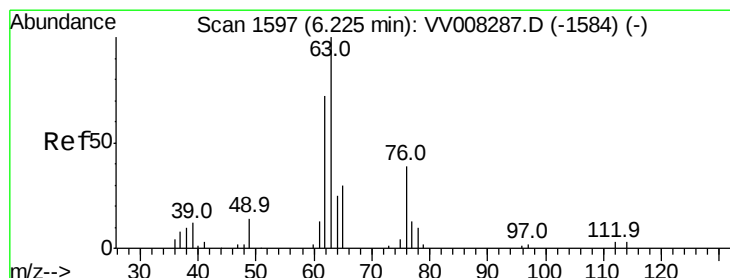
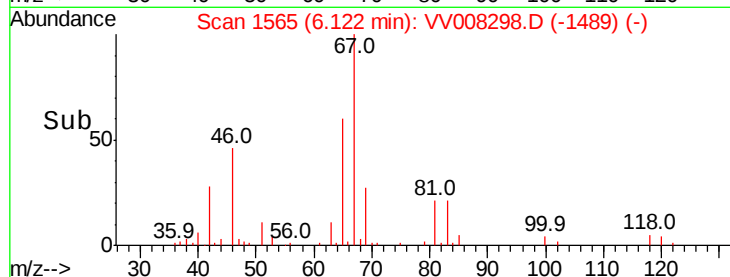
Abundance Ion 83.15 (82.85 to 83.85): VV008287.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV008287.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV008287.D (-1571) (-)

6.12

Time-->



#37

1,2-Dichloropropane

Concen: 0.553 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008298.D

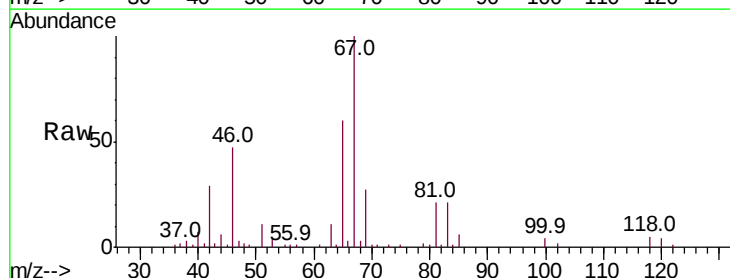
Acq: 16 Oct 2018 14:57

Tgt Ion: 63 Resp: 4182

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

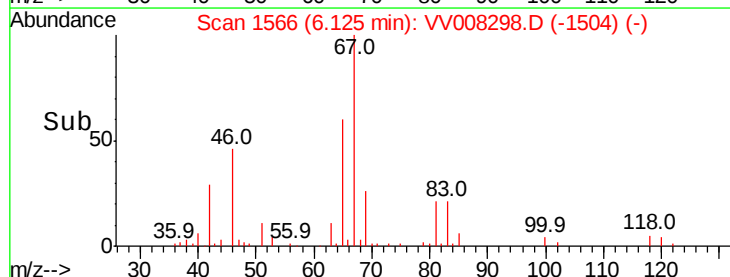


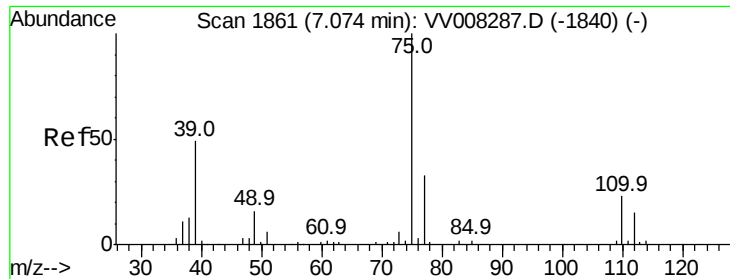
Abundance Ion 63.10 (62.80 to 63.80): VV008287.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008287.D (-1584) (-)

6.13

Time-->

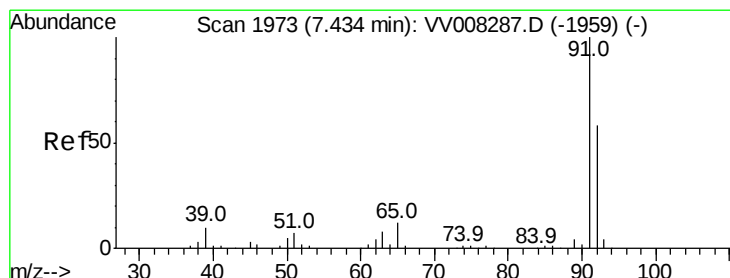
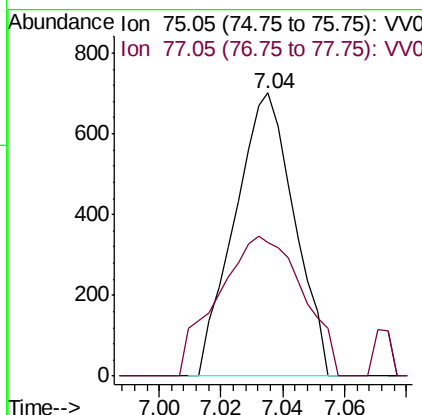
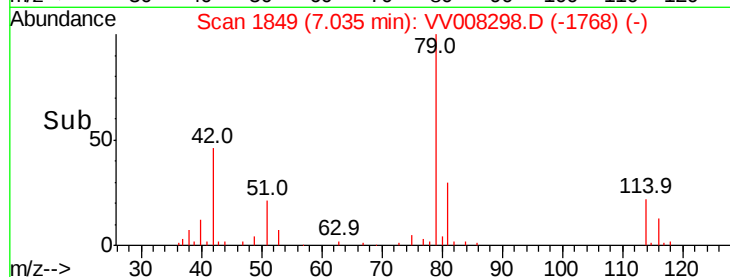
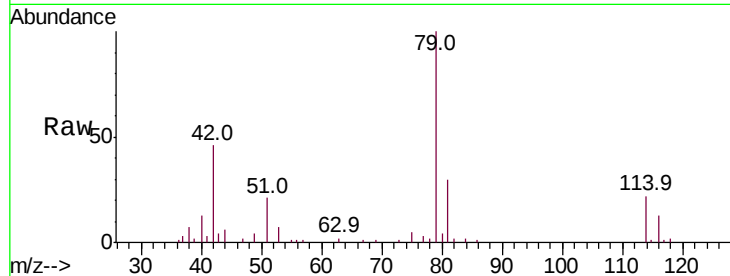




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008298.D
 Acq: 16 Oct 2018 14:57

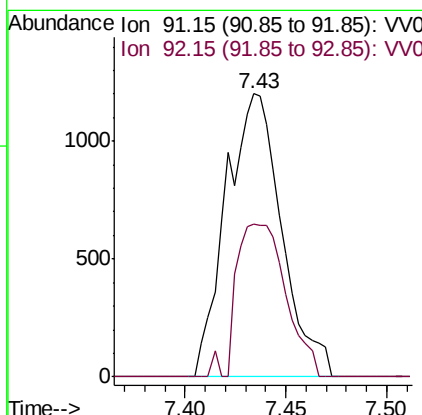
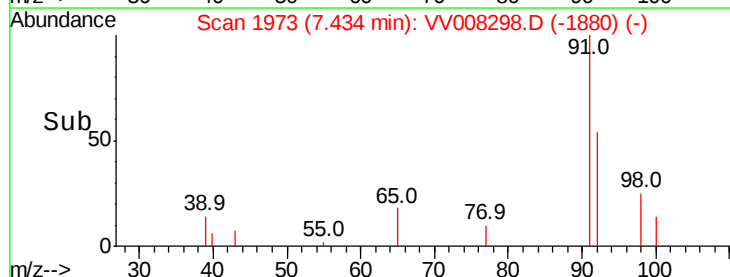
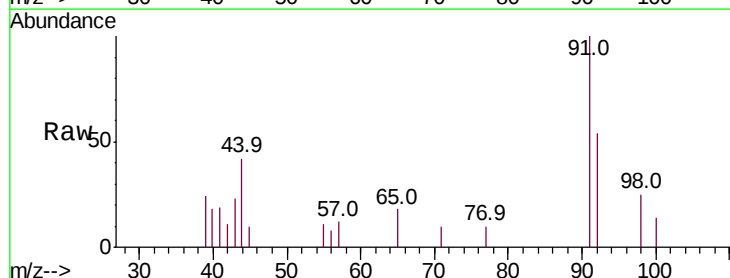
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

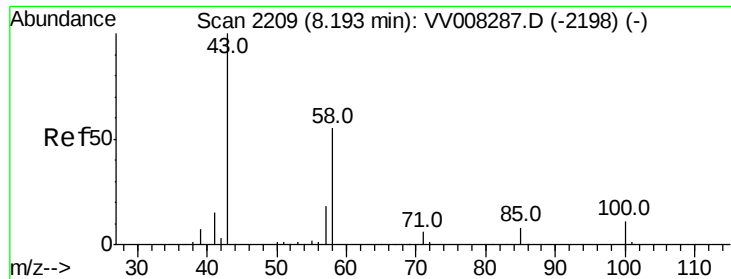
Tot Ion: 75 Resp: 937
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.3 41.3#



#42
 Toluene
 Concen: 0.079 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VV008298.D
 Acq: 16 Oct 2018 14:57

Tgt Ion: 91 Resp: 2317
 Ion Ratio Lower Upper
 91 100
 92 54.0 40.1 74.5





#48

2-Hexanone

Concen: 5.943 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008298.D

Acq: 16 Oct 2018 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0AK4

Tot Ion: 43 Resp: 20128

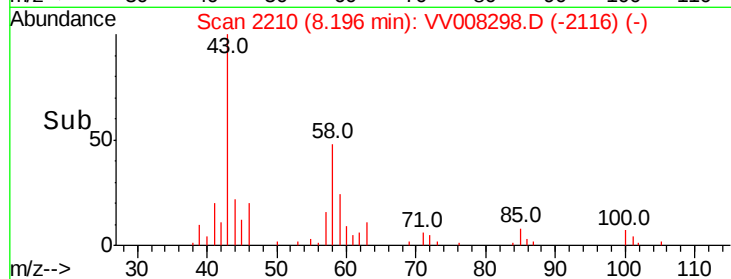
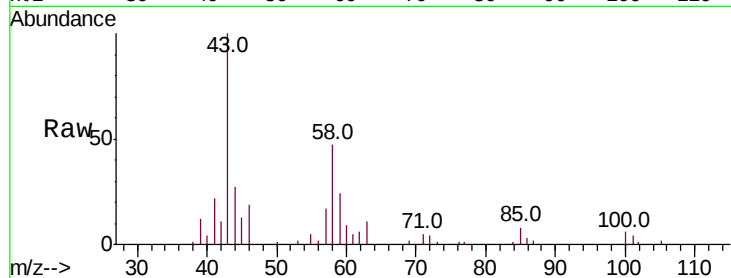
Ion Ratio Lower Upper

43 100

58 41.9 45.0 67.4#

57 12.6 14.4 21.6#

100 6.1 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

