

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081619\
 Data File : VV012271.D
 Acq On : 16 Aug 2019 15:27
 Operator : SY/MD
 Sample : K4337-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

Quant Time: Aug 16 23:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 16 23:35:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	202201	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	202993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75283	6.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.80%
7) Chloroethane-d5	1.58	69	58844	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.60%
11) 1,1-Dichloroethene-d2	2.13	63	65860	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.94	46	150385	55.89	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.78%
24) Chloroform-d	4.40	84	128471	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.08	65	73743	6.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.40%
32) Benzene-d6	5.10	84	293666	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.12	67	87557	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.80%
41) Toluene-d8	7.36	98	241029	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.66	79	29599	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.14	63	102599	55.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56698	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	88414	6.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.60%#

Target Compounds

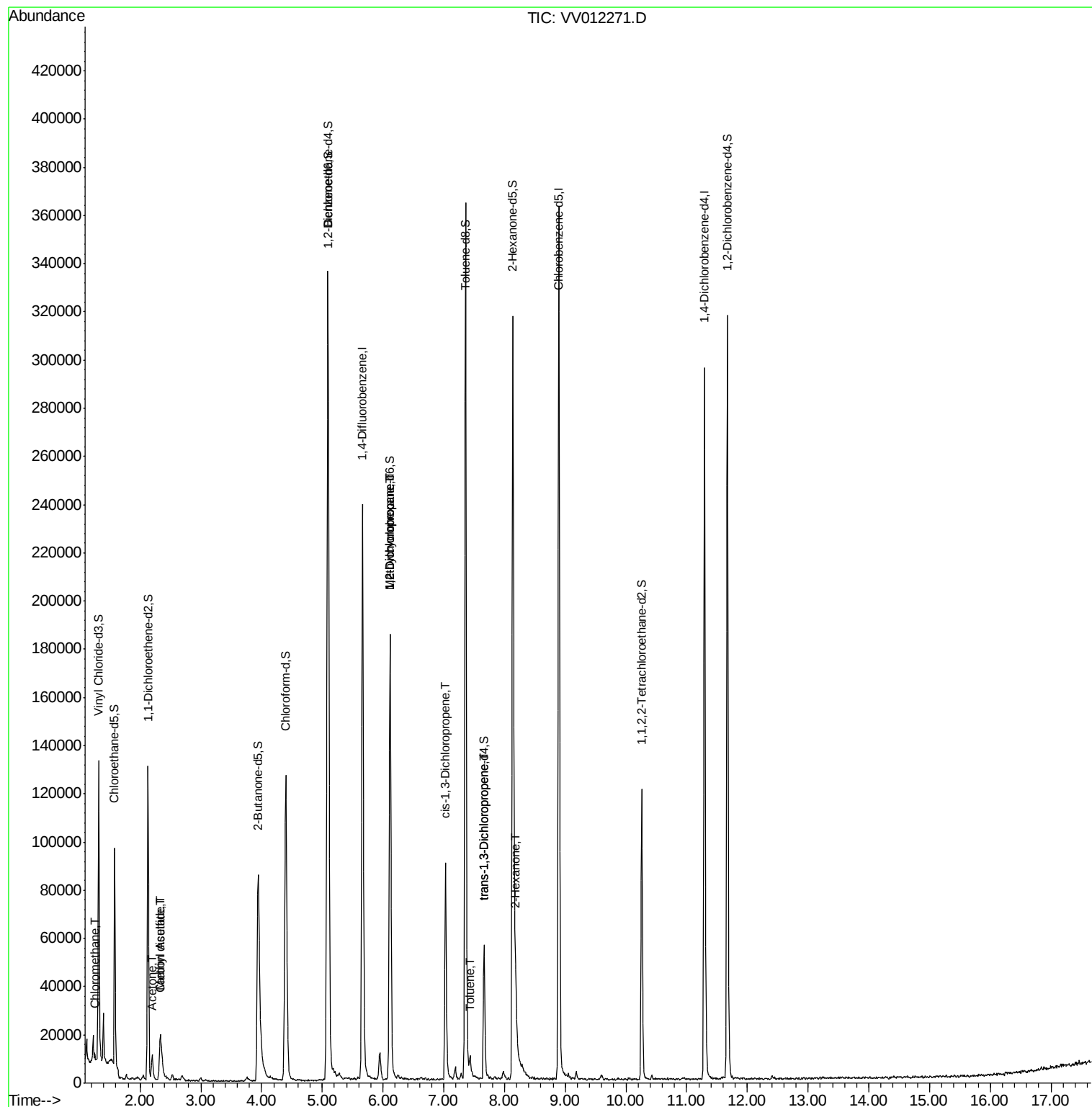
					Qvalue
3) Chloromethane	1.25	50	2613	0.149 ug/L	98
13) Acetone	2.20	43	10984	6.551 ug/L	97
14) Carbon disulfide	2.32	76	1900	0.061 ug/L #	87
15) Methyl Acetate	2.33	43	9140	2.159 ug/L #	50
35) Methylcyclohexane	6.12	83	20675	0.802 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9869	0.646 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2356	0.112 ug/L #	71
42) Toluene	7.43	91	4441	0.068 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1494	0.090 ug/L	98
48) 2-Hexanone	8.19	43	18295	3.090 ug/L #	89

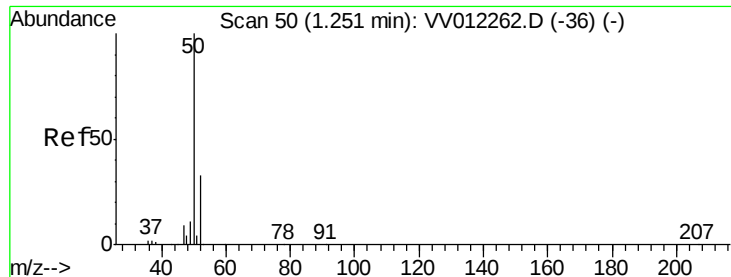
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.149 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012271.D

Acq: 16 Aug 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

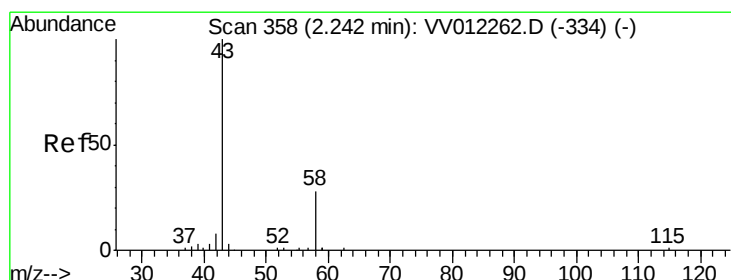
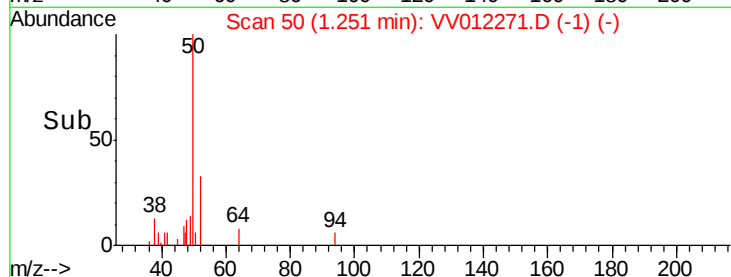
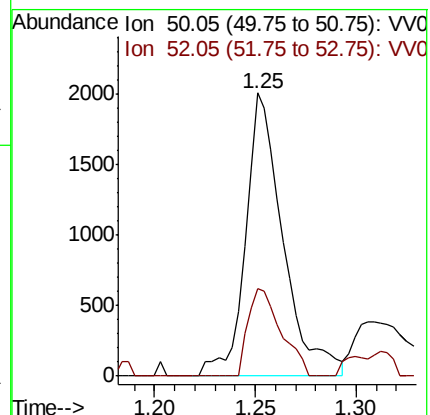
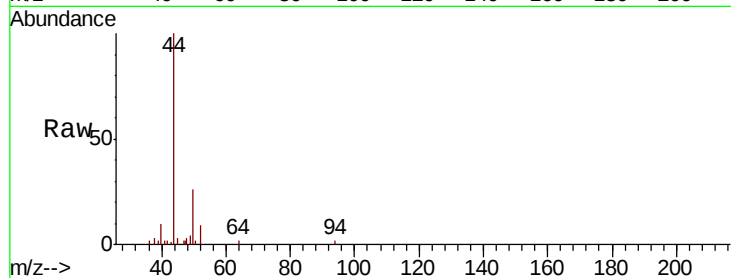
C0AH5

Tgt Ion: 50 Resp: 2613

Ion Ratio Lower Upper

50 100

52 31.1 22.6 42.0



#13

Acetone

Concen: 6.551 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV012271.D

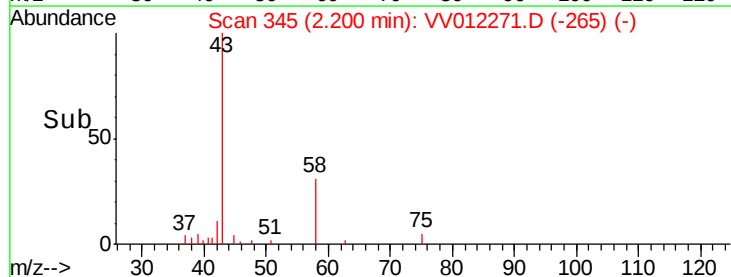
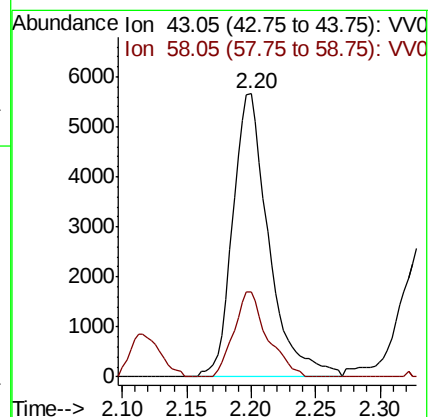
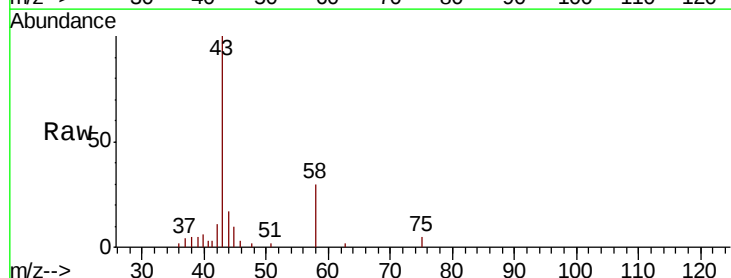
Acq: 16 Aug 2019 15:27

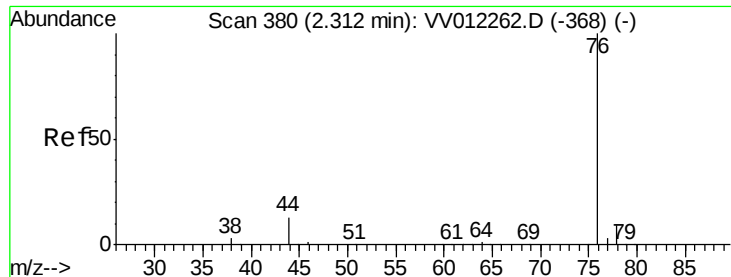
Tgt Ion: 43 Resp: 10984

Ion Ratio Lower Upper

43 100

58 27.9 0.0 59.4





#14

Carbon disulfide

Concen: 0.061 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012271.D

Acq: 16 Aug 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

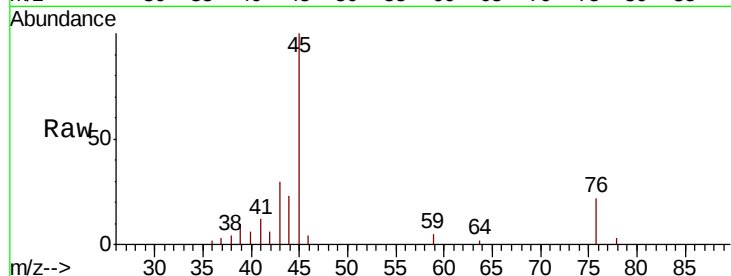
C0AH5

Tgt Ion: 76 Resp: 1900

Ion Ratio Lower Upper

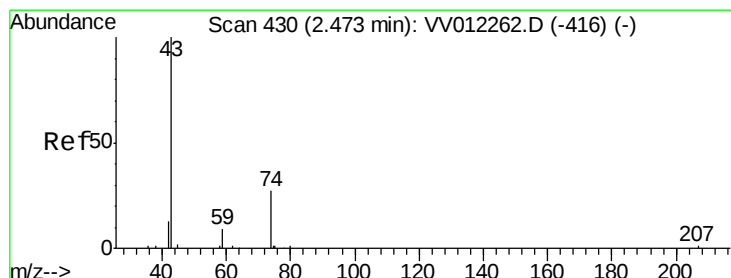
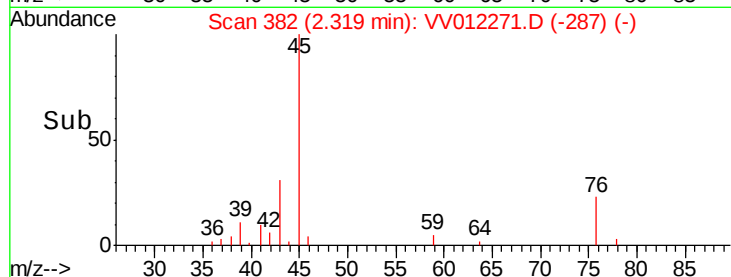
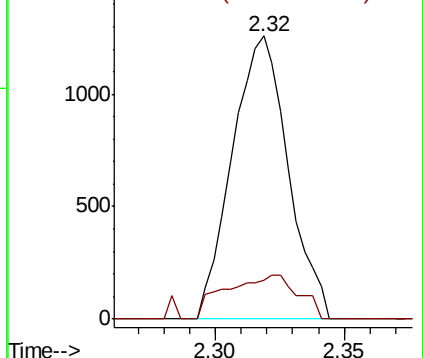
76 100

78 13.7 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 2.159 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.14 min

Lab File: VV012271.D

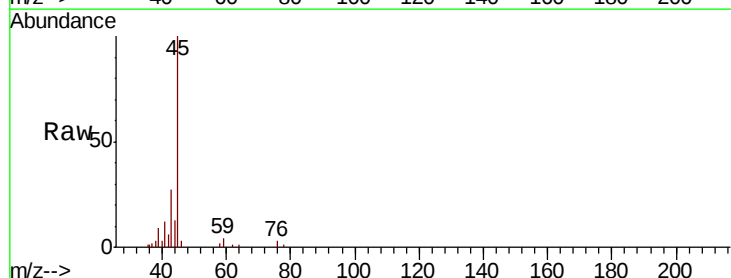
Acq: 16 Aug 2019 15:27

Tgt Ion: 43 Resp: 9140

Ion Ratio Lower Upper

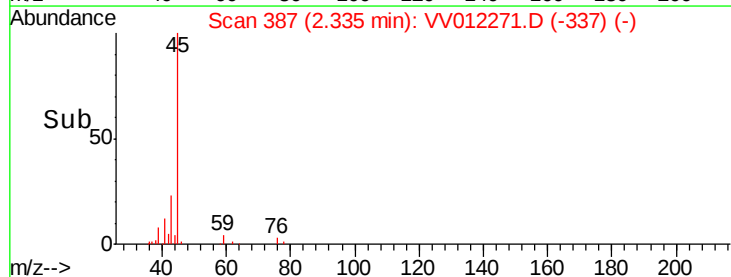
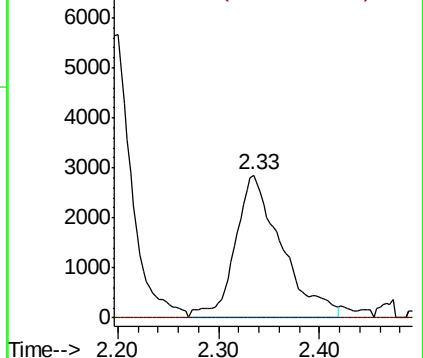
43 100

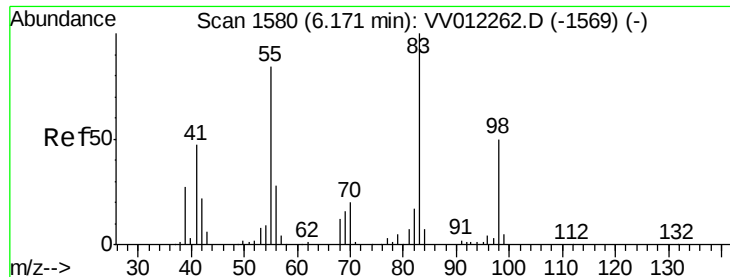
74 0.0 20.3 30.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

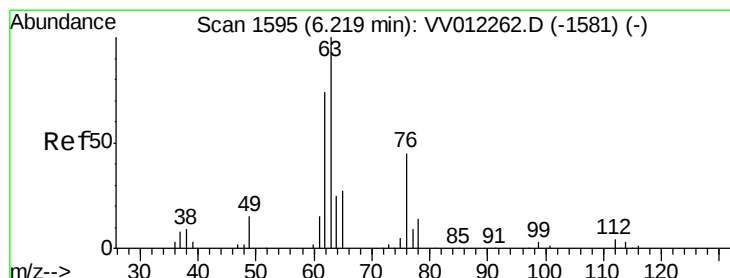
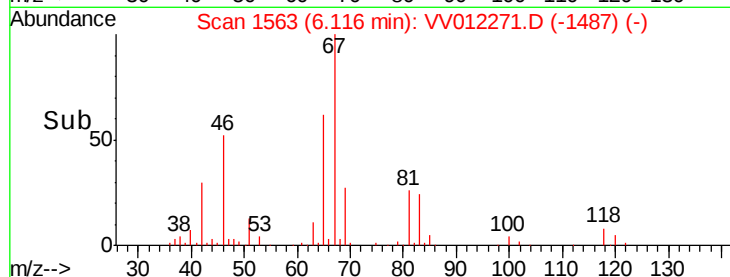
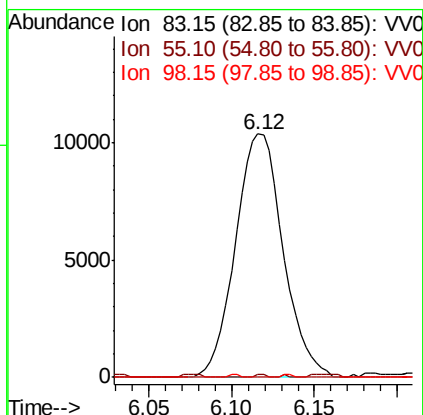
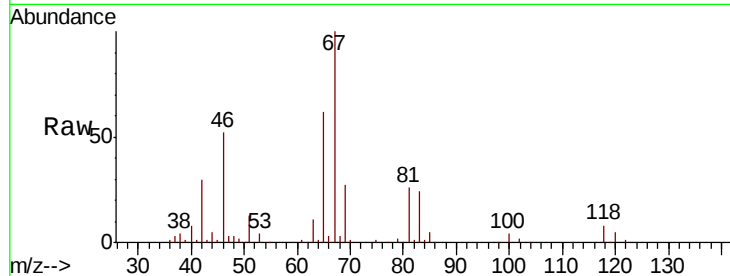




#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012271.D
Acq: 16 Aug 2019 15:27

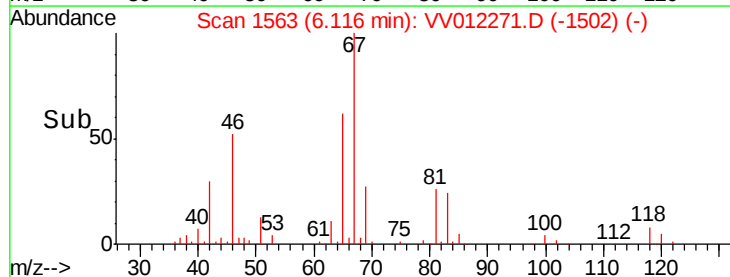
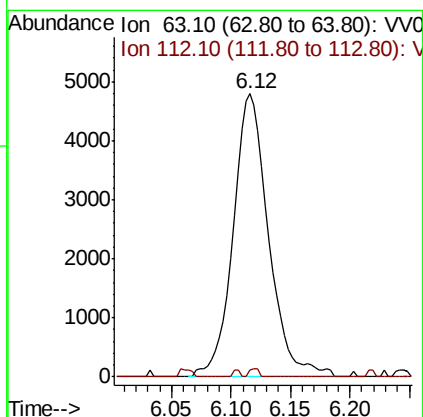
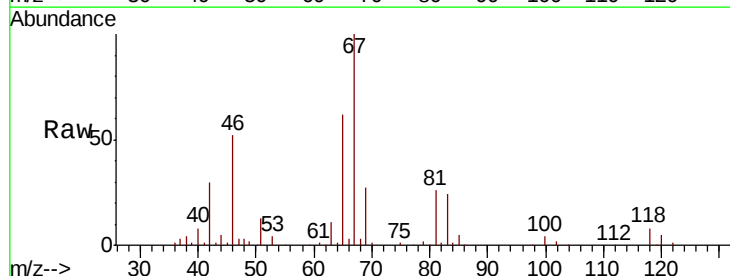
Instrument :
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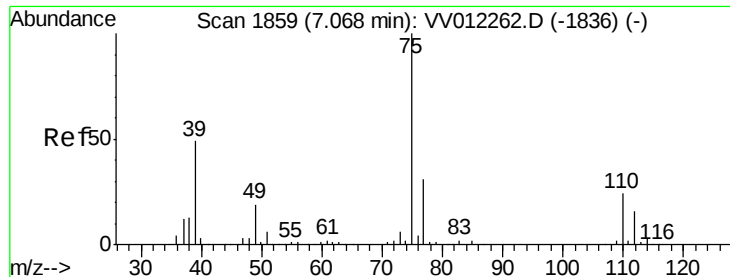
Tgt Ion: 83 Resp: 20675
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.2#
98 0.0 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012271.D
Acq: 16 Aug 2019 15:27

Tgt Ion: 63 Resp: 9869
Ion Ratio Lower Upper
63 100
112 0.8 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012271.D

Acq: 16 Aug 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

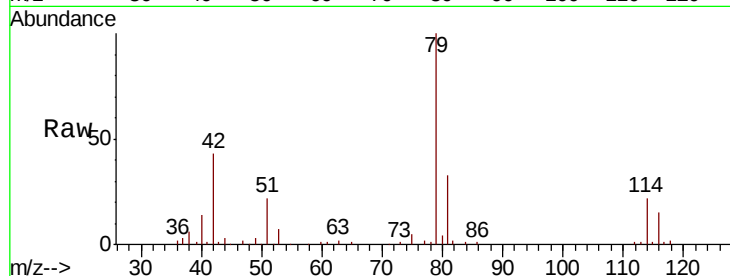
C0AH5

Tgt Ion: 75 Resp: 2356

Ion Ratio Lower Upper

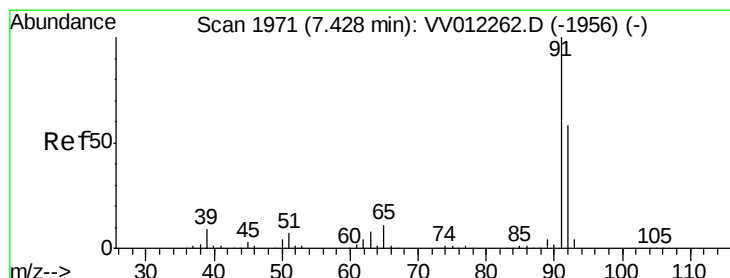
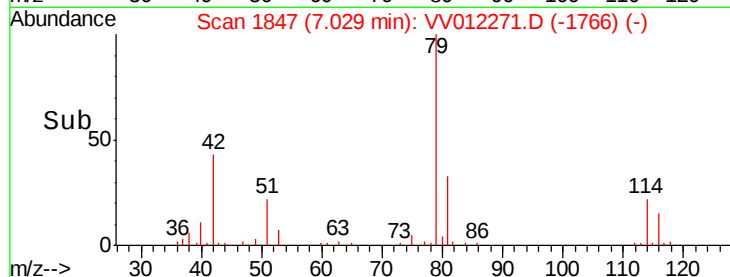
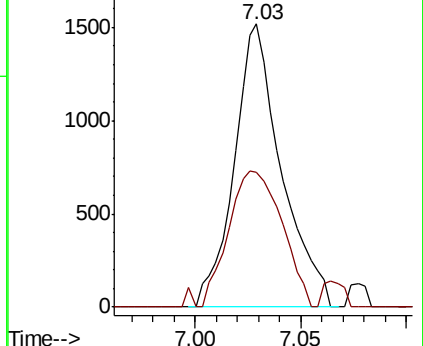
75 100

77 47.7 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.068 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV012271.D

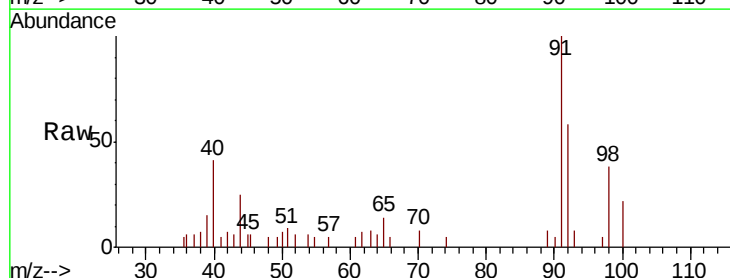
Acq: 16 Aug 2019 15:27

Tgt Ion: 91 Resp: 4441

Ion Ratio Lower Upper

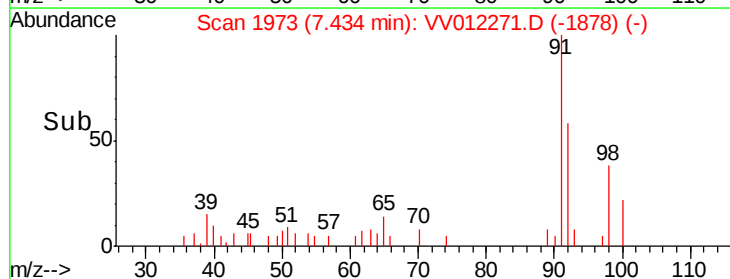
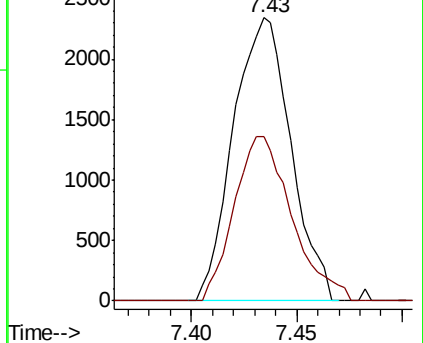
91 100

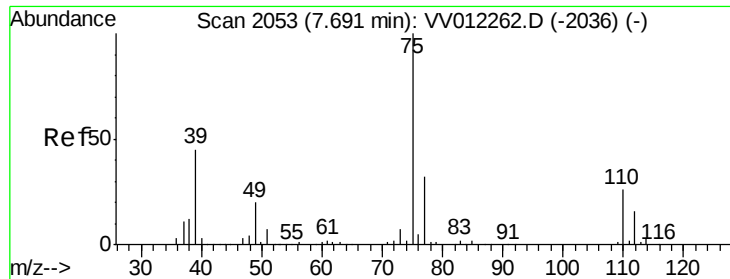
92 58.1 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012271.D

Acq: 16 Aug 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

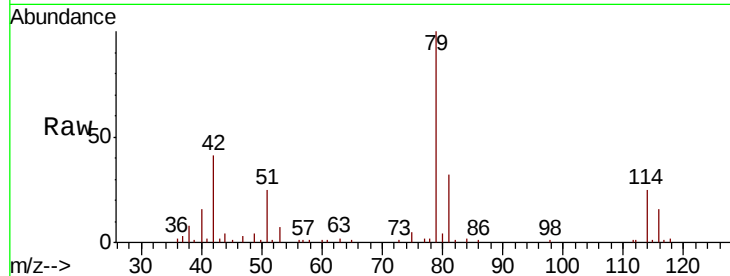
C0AH5

Tgt Ion: 75 Resp: 1494

Ion Ratio Lower Upper

75 100

77 33.4 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

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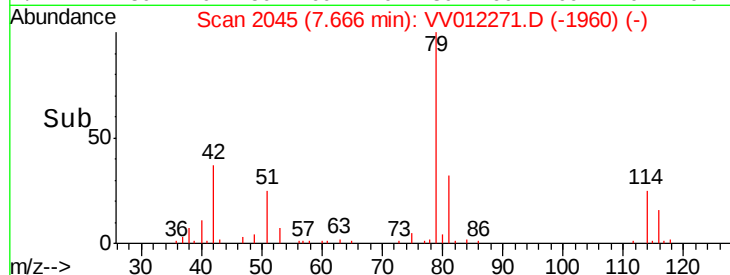
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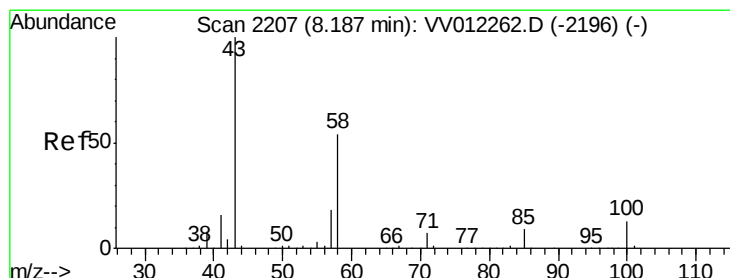
7.67

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Time-->



#48

2-Hexanone

Concen: 3.090 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. -0.00 min

Lab File: VV012271.D

Acq: 16 Aug 2019 15:27

Tgt Ion: 43 Resp: 18295

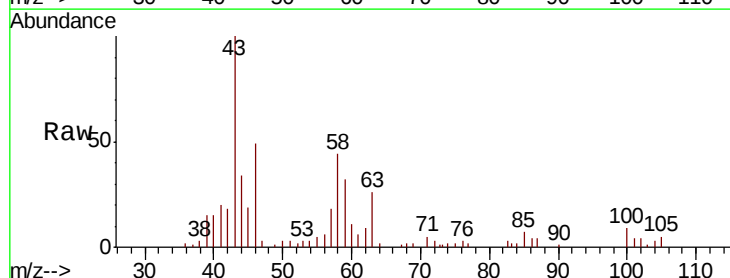
Ion Ratio Lower Upper

43 100

58 44.0 43.0 64.4

57 20.6 14.9 22.3

100 7.9 10.3 15.5#



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

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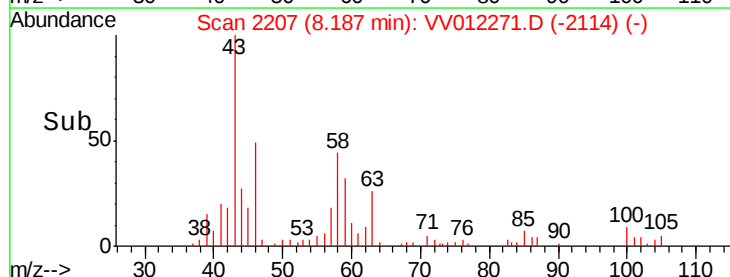
8.19

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Time-->