

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017618.D
 Acq On : 23 Jul 2020 21:51
 Operator : SY/MD
 Sample : L3419-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA5

Quant Time: Jul 24 02:34:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172795	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167404	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39339	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	32747	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	64024	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.93	46	92445	46.83	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.66%
24) Chloroform-d	4.38	84	97902	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.06	65	52950	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	177496	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.09	67	47578	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	159072	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.65	79	20252	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	8.11	63	61025	42.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33906	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	63015	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

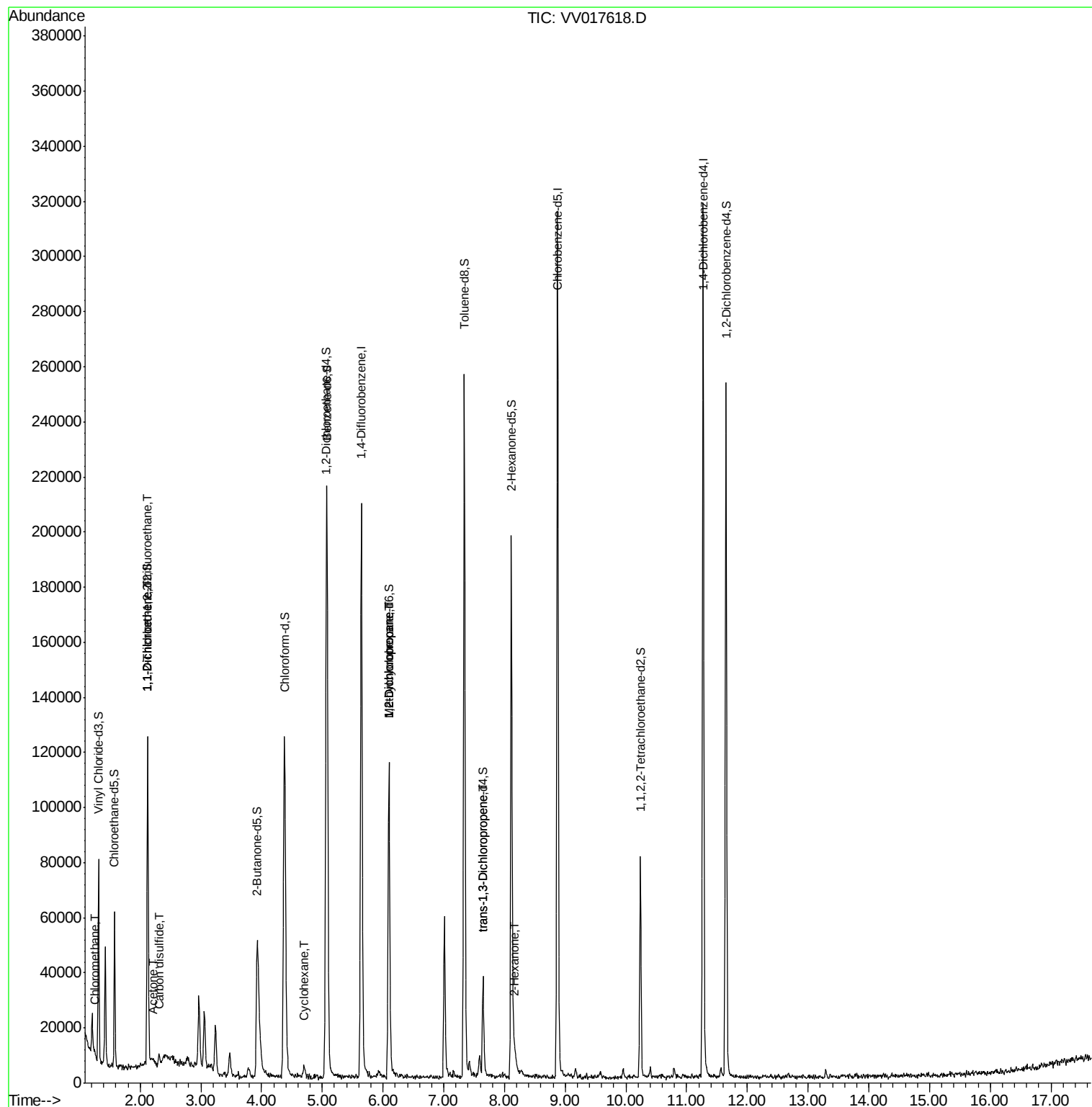
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1337	0.109	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	882	0.086	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	663	0.071	ug/L #	1
13) Acetone	2.20	43	3589	2.323	ug/L	78
14) Carbon disulfide	2.31	76	4927	0.174	ug/L #	93
30) Cyclohexane	4.69	56	1830	0.099	ug/L #	86
35) Methylcyclohexane	6.10	83	14307	0.715	ug/L #	22
37) 1,2-Dichloropropane	6.09	63	6634	0.596	ug/L #	88
46) trans-1,3-Dichloropropene	7.65	75	1070	0.071	ug/L	86
50) 2-Hexanone	8.17	43	3950	0.914	ug/L #	88

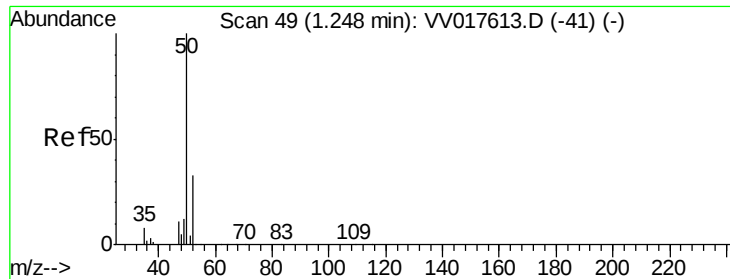
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 02:33:05 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.109 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017618.D

Acq: 23 Jul 2020 21:51

Instrument :

MSVOA_V

ClientSampleId :

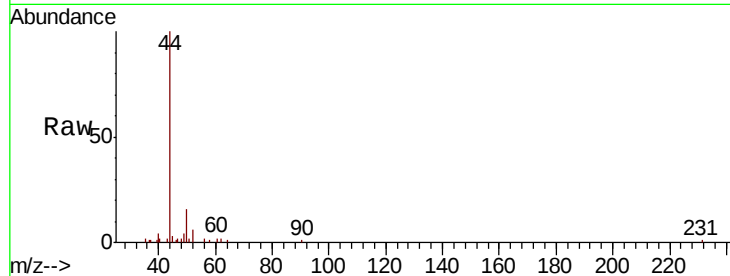
C0AA5

Tot Ion: 50 Resp: 1337

Ion Ratio Lower Upper

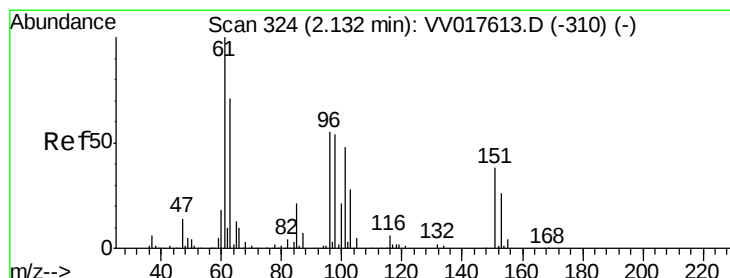
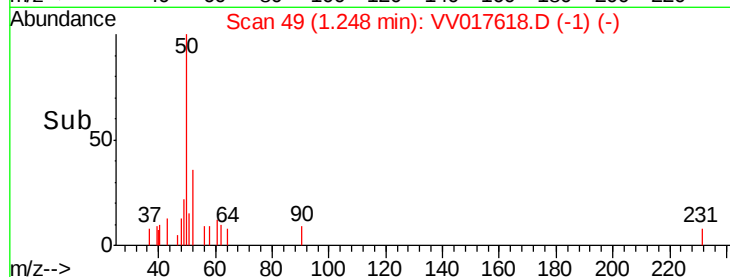
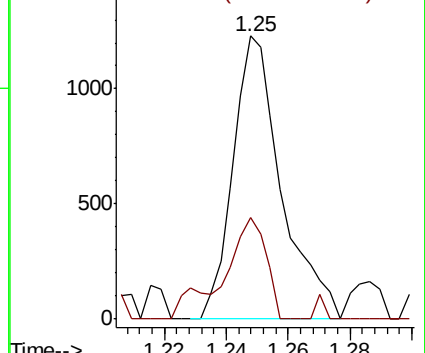
50 100

52 35.7 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.086 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017618.D

Acq: 23 Jul 2020 21:51

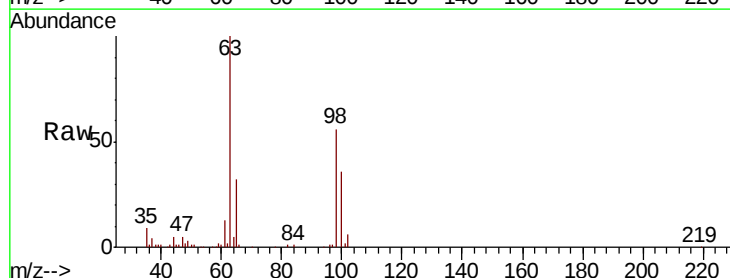
Tgt Ion:101 Resp: 882

Ion Ratio Lower Upper

101 100

85 7.6 34.6 51.8#

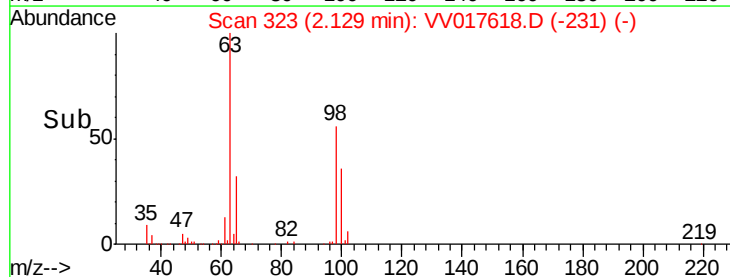
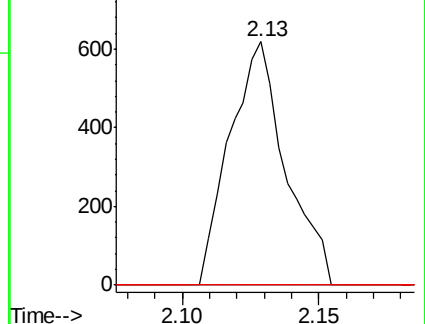
151 0.0 63.5 95.3#

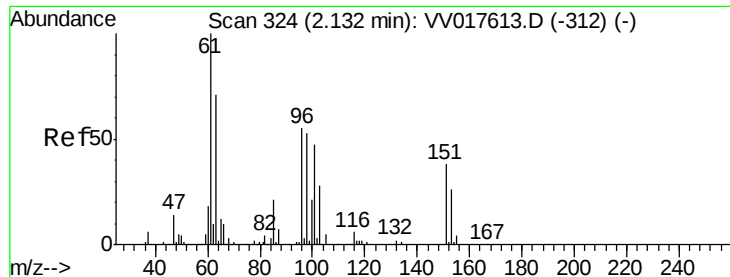


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017618.D

Acq: 23 Jul 2020 21:51

Instrument :

MSVOA_V

ClientSampleId :

C0AA5

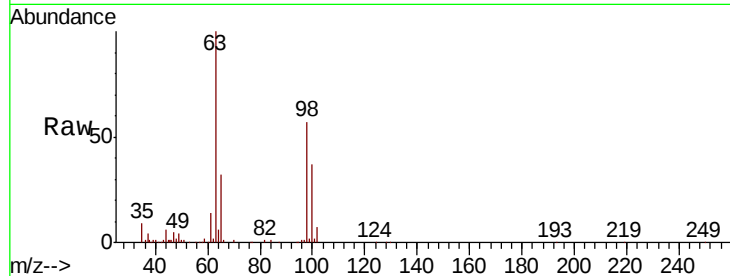
Tot Ion: 96 Resp: 663

Ion Ratio Lower Upper

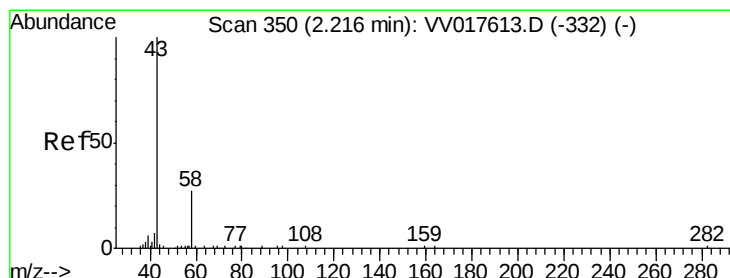
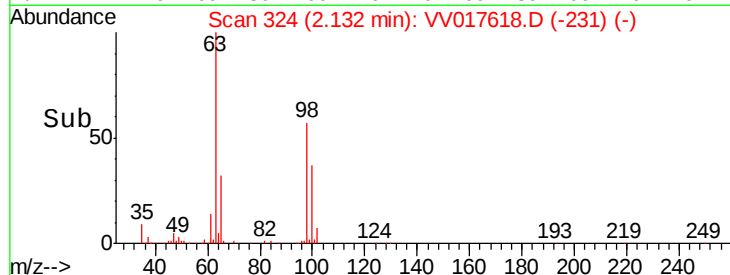
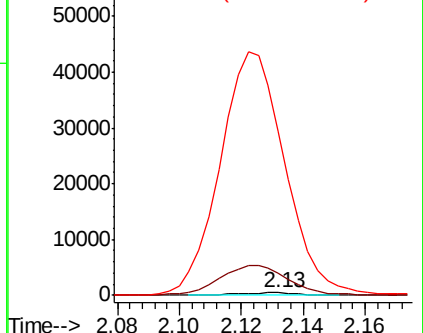
96 100

61 902.7 123.1 228.7#

63 6672.1 91.2 169.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 2.323 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV017618.D

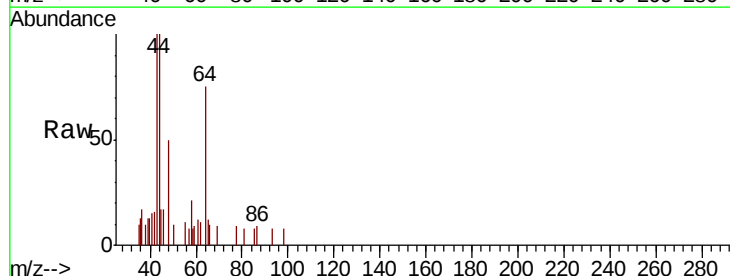
Acq: 23 Jul 2020 21:51

Tgt Ion: 43 Resp: 3589

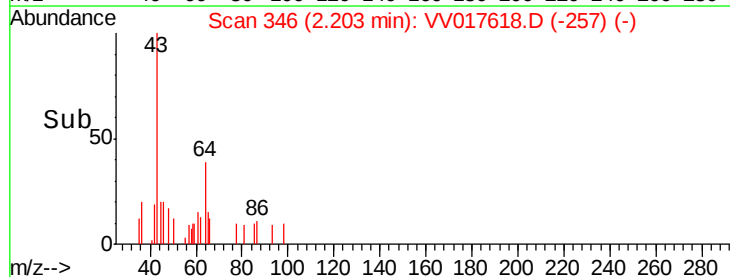
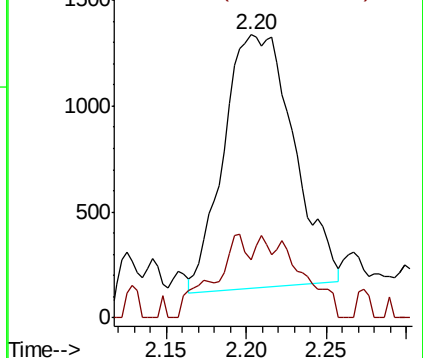
Ion Ratio Lower Upper

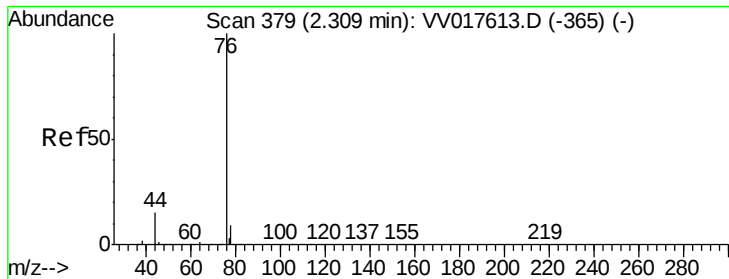
43 100

58 1.4 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.174 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017618.D

Acq: 23 Jul 2020 21:51

Instrument :

MSVOA_V

ClientSampleId :

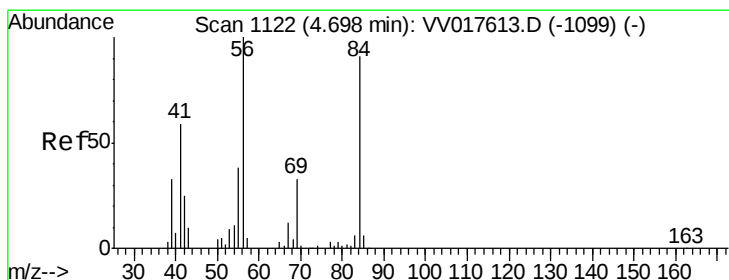
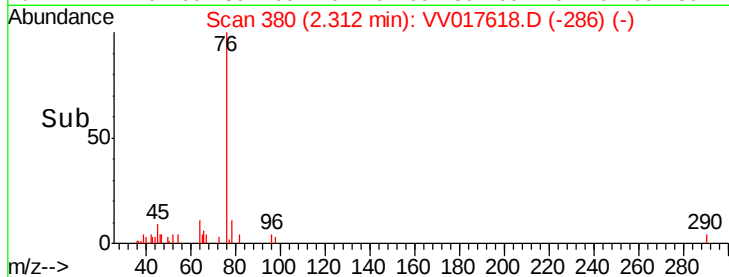
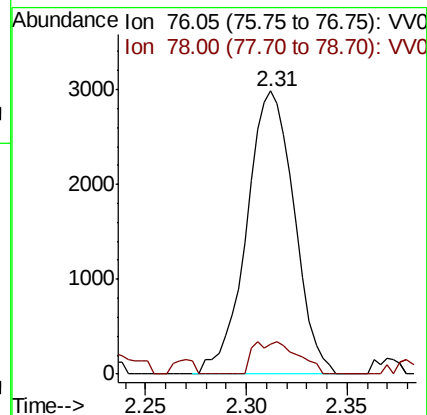
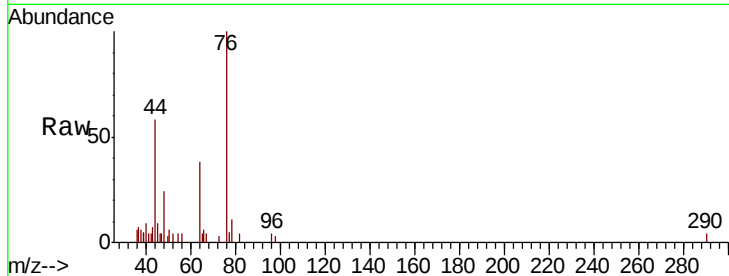
C0AA5

Tot Ion: 76 Resp: 4927

Ion Ratio Lower Upper

76 100

78 10.8 6.6 10.0#



#30

Cyclohexane

Concen: 0.099 ug/L

RT: 4.69 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VV017618.D

Acq: 23 Jul 2020 21:51

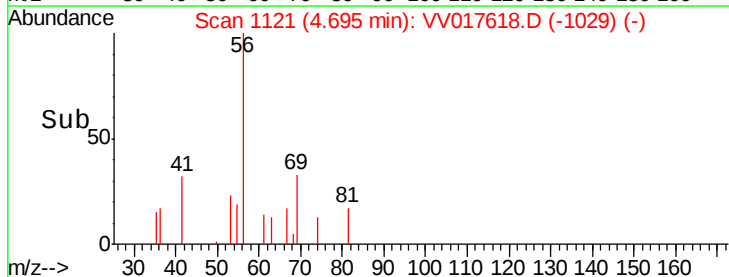
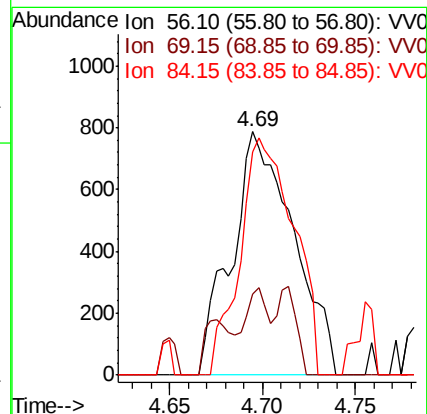
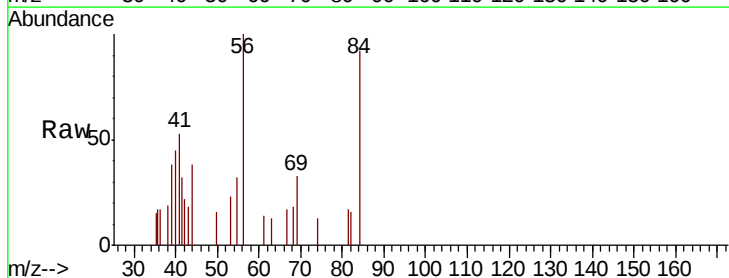
Tgt Ion: 56 Resp: 1830

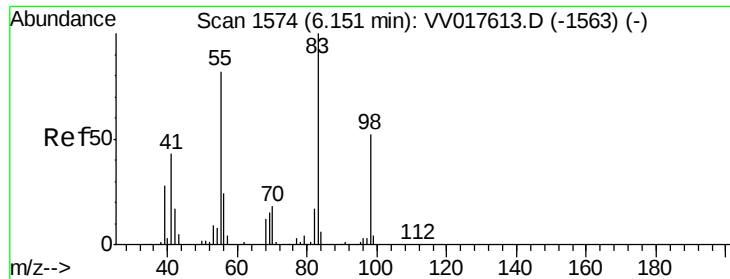
Ion Ratio Lower Upper

56 100

69 13.4 25.4 38.2#

84 84.3 73.0 109.4

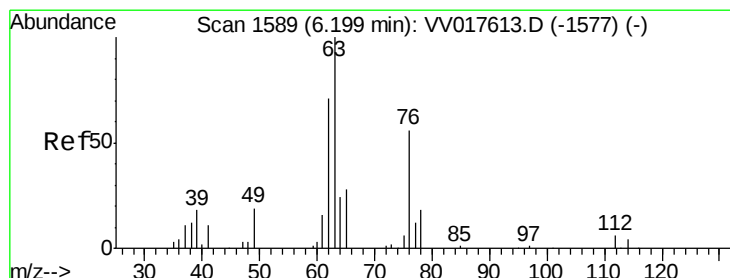
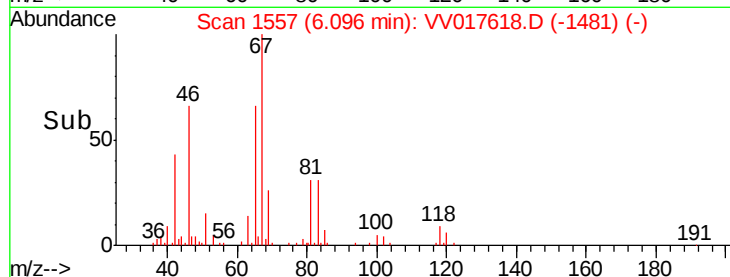
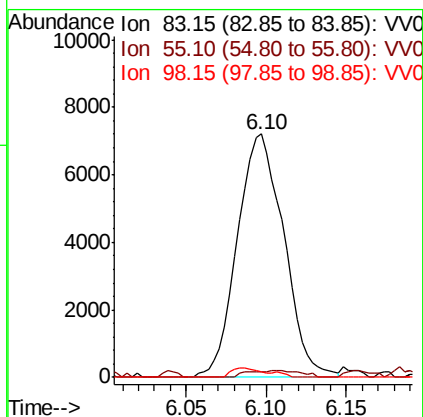
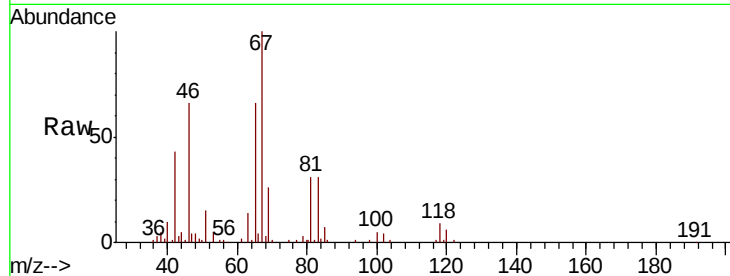




#35
Methvlcvclohexane
Concen: 0.715 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017618.D
Acq: 23 Jul 2020 21:51

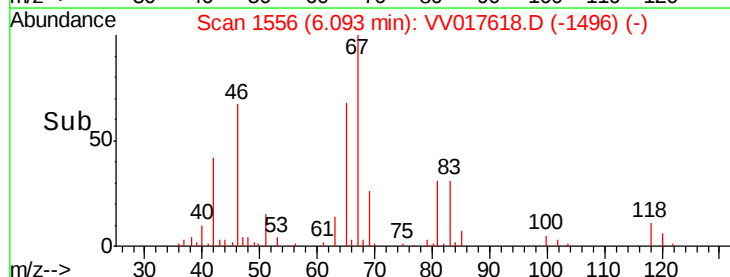
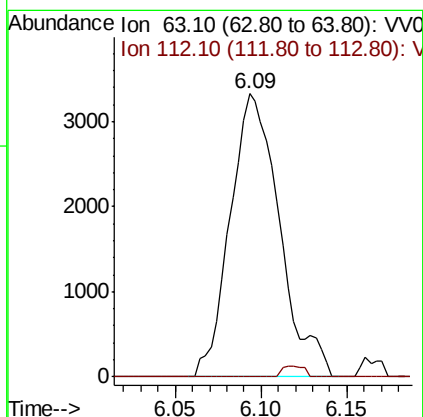
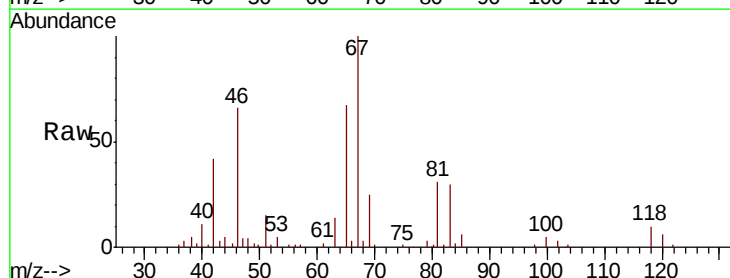
Instrument :
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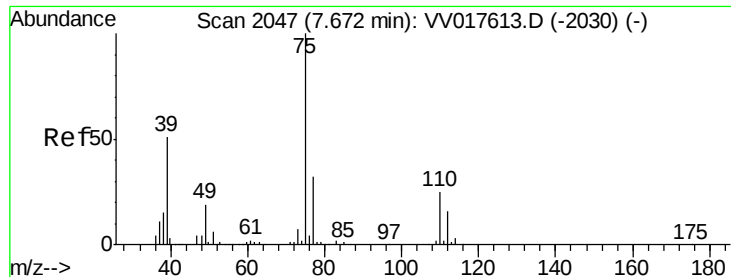
Tot Ion: 83 Resp: 14307
Ion Ratio Lower Upper
83 100
55 3.2 61.8 92.8#
98 3.1 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017618.D
Acq: 23 Jul 2020 21:51

Tgt Ion: 63 Resp: 6634
Ion Ratio Lower Upper
63 100
112 1.7 4.5 6.7#





#46

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017618.D

Acq: 23 Jul 2020 21:51

Instrument :

MSVOA_V

ClientSampleId :

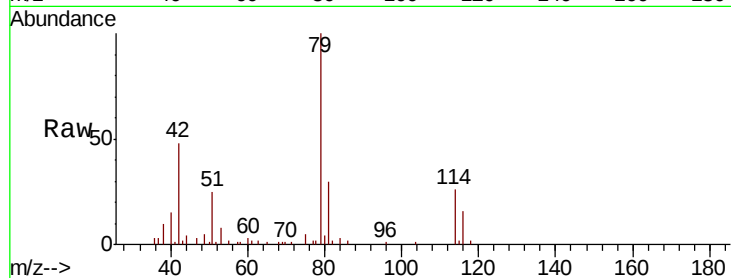
C0AA5

Tot Ion: 75 Resp: 1070

Ion Ratio Lower Upper

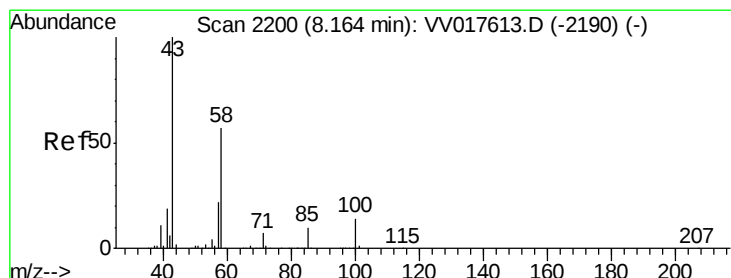
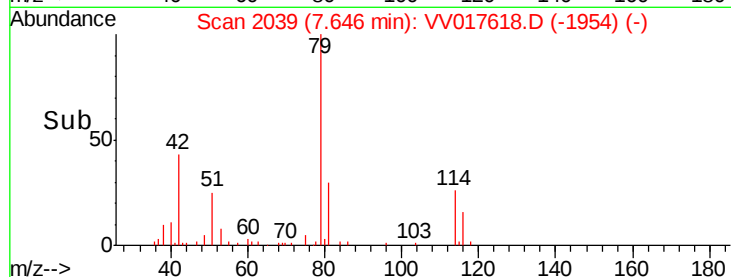
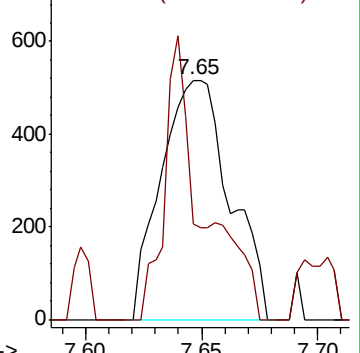
75 100

77 39.8 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 0.914 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017618.D

Acq: 23 Jul 2020 21:51

Tgt Ion: 43 Resp: 3950

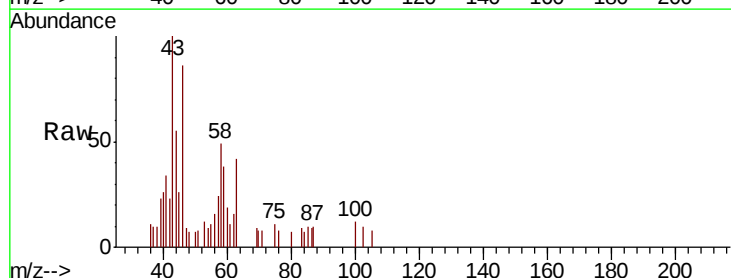
Ion Ratio Lower Upper

43 100

58 43.2 41.6 62.4

57 22.1 15.4 23.0

100 5.9 11.2 16.8#



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

