

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017102.D
 Acq On : 25 Jun 2020 04:17
 Operator : SY/MD
 Sample : L3102-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L55

Quant Time: Jun 25 05:29:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170757	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	166650	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37779	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	30281	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.13	63	60384	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.92	46	113278	43.37	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.74%
24) Chloroform-d	4.38	84	99649	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	52327	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.08	84	187401	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	55333	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.34	98	166922	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
45) trans-1,3-Dichloropropene-	7.64	79	21185	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
48) 2-Hexanone-d5	8.11	63	82354	40.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41708	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66523	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

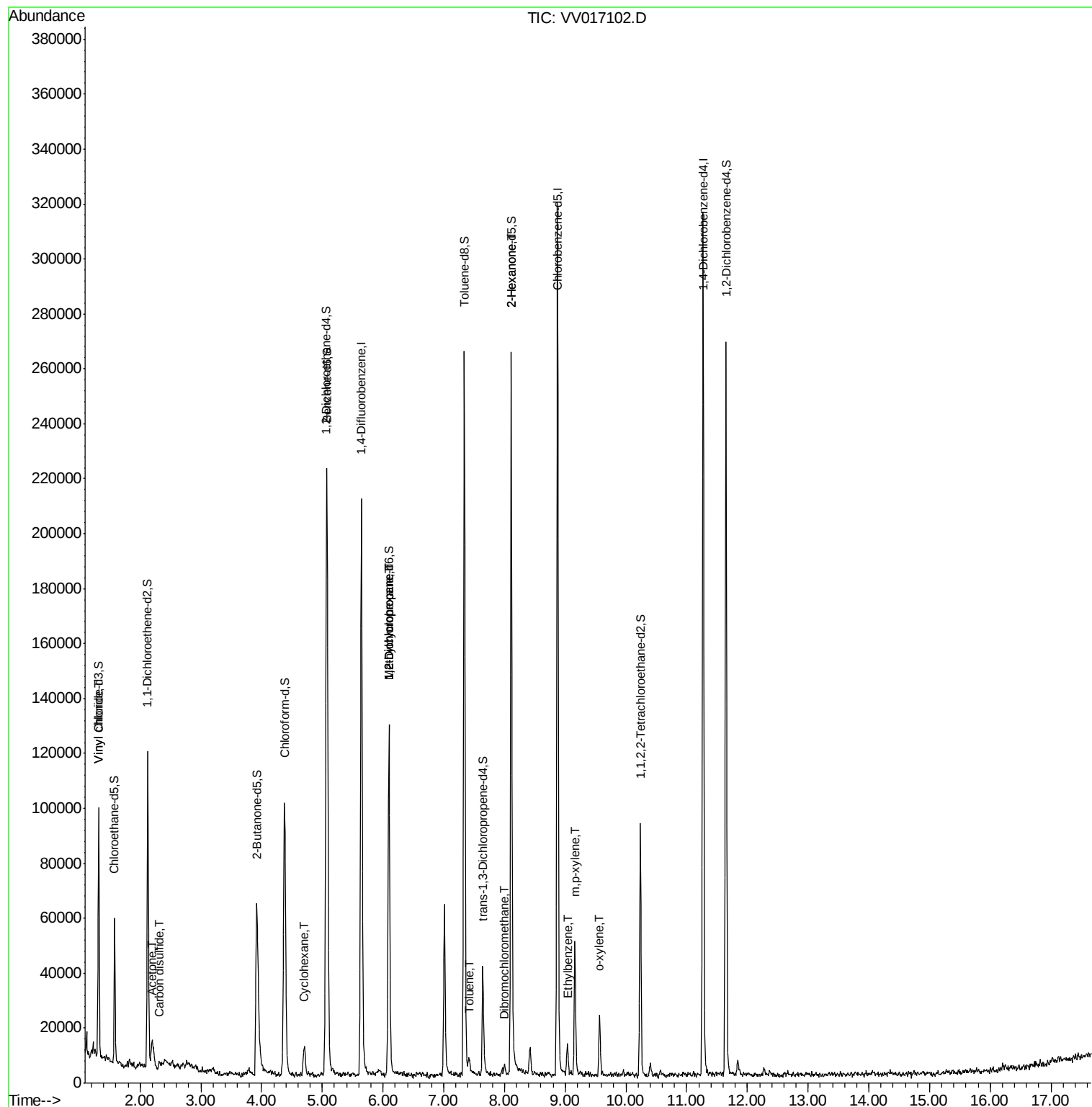
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	17567	1.568	ug/L	94
13) Acetone	2.19	43	15996	12.115	ug/L	100
14) Carbon disulfide	2.32	76	1704	0.069	ug/L #	68
30) Cyclohexane	4.69	56	2463	0.130	ug/L #	14
35) Methylcyclohexane	6.10	83	15182	0.764	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	7103	0.657	ug/L #	87
42) Toluene	7.41	91	3705	0.073	ug/L	96
50) 2-Hexanone	8.11	43	11043	2.488	ug/L #	74
51) Dibromochloromethane	8.00	129	905	0.097	ug/L #	11
54) Ethylbenzene	9.04	91	7294	0.135	ug/L	97
55) m,p-xylene	9.16	106	14332	0.675	ug/L	98
56) o-xylene	9.57	106	5689	0.287	ug/L	92

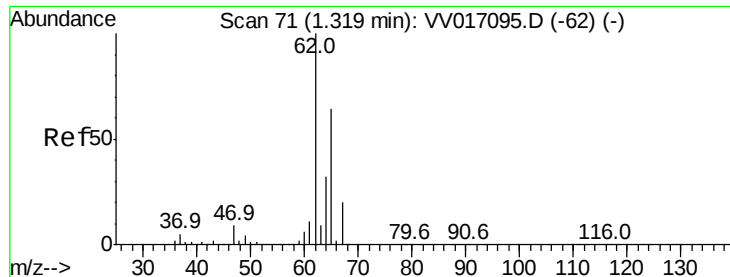
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 25 05:27:24 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.568 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017102.D

Acq: 25 Jun 2020 04:17

Instrument :

MSVOA_V

ClientSampleId :

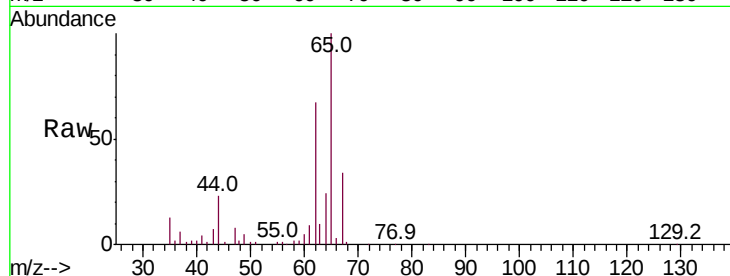
F9L55

Tot Ion: 62 Resp: 17567

Ion Ratio Lower Upper

62 100

64 35.7 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV017095.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV017095.D (-62) (-)

1.32

15000

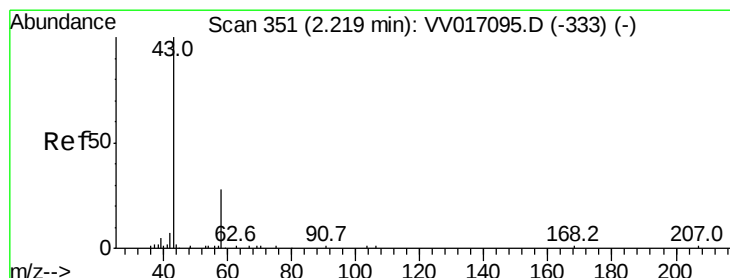
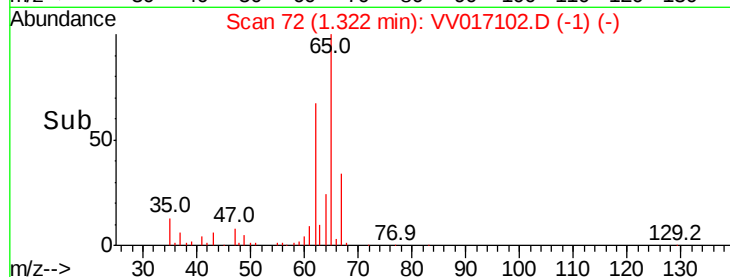
10000

5000

0

1.30 1.35

Time-->



#13

Acetone

Concen: 12.115 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV017102.D

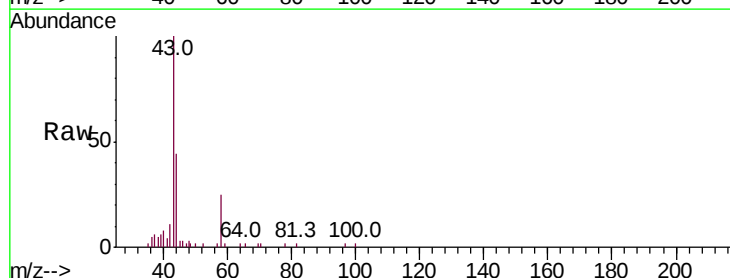
Acq: 25 Jun 2020 04:17

Tgt Ion: 43 Resp: 15996

Ion Ratio Lower Upper

43 100

58 29.2 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017095.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV017095.D (-333) (-)

2.19

6000

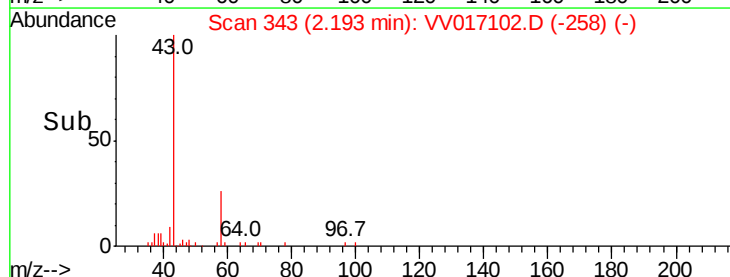
4000

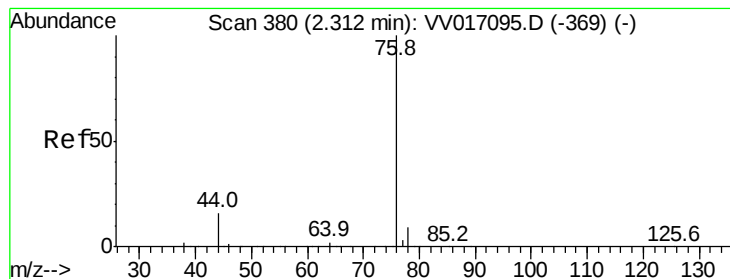
2000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#14

Carbon disulfide

Concen: 0.069 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV017102.D

Acq: 25 Jun 2020 04:17

Instrument :

MSVOA_V

ClientSampleId :

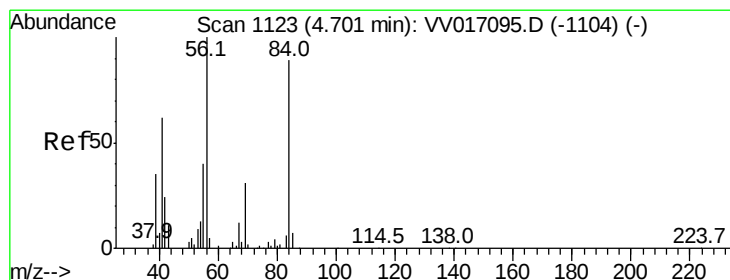
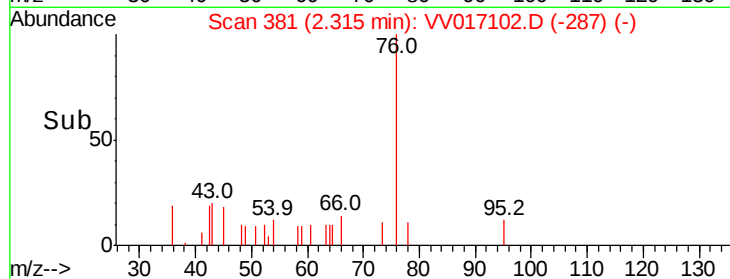
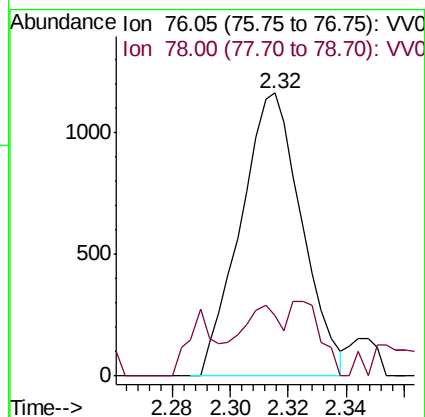
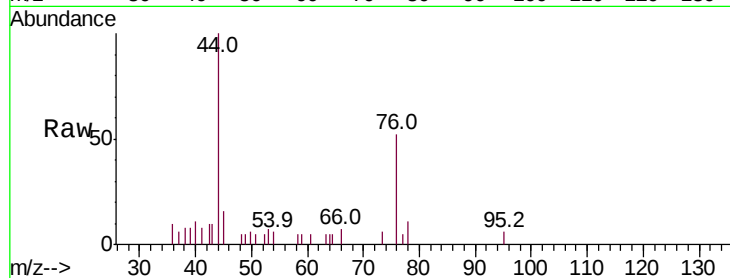
F9L55

Tot Ion: 76 Resp: 1704

Ion Ratio Lower Upper

76 100

78 21.3 7.7 11.5#



#30

Cyclohexane

Concen: 0.130 ug/L

RT: 4.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VV017102.D

Acq: 25 Jun 2020 04:17

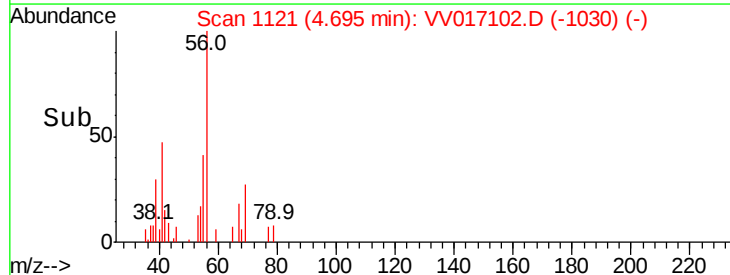
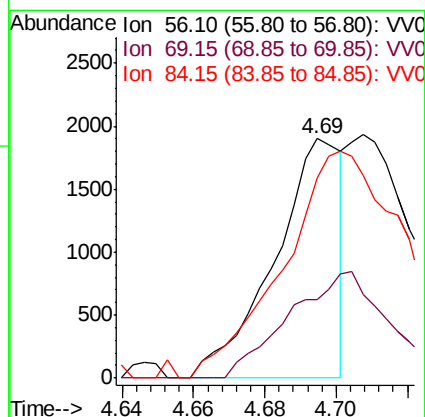
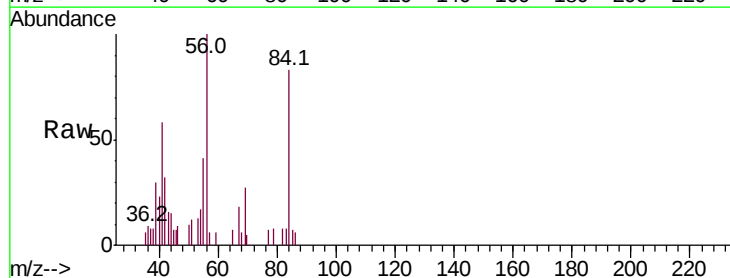
Tgt Ion: 56 Resp: 2463

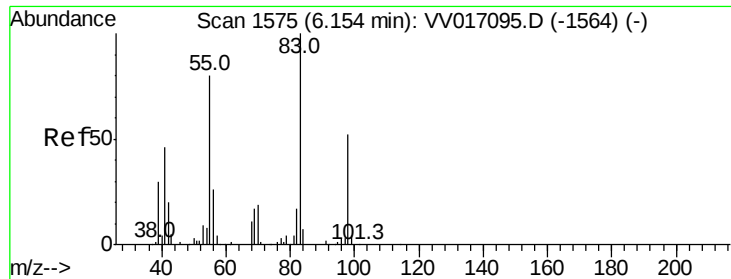
Ion Ratio Lower Upper

56 100

69 65.8 24.4 36.6#

84 173.7 69.9 104.9#





#35

Methvlcvclohexane

Concen: 0.764 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV017102.D

Acq: 25 Jun 2020 04:17

Instrument :

MSVOA_V

ClientSampleId :

F9L55

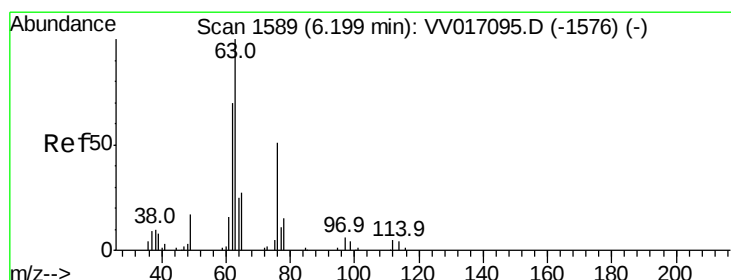
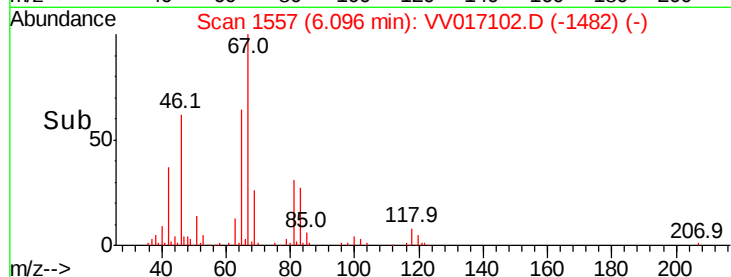
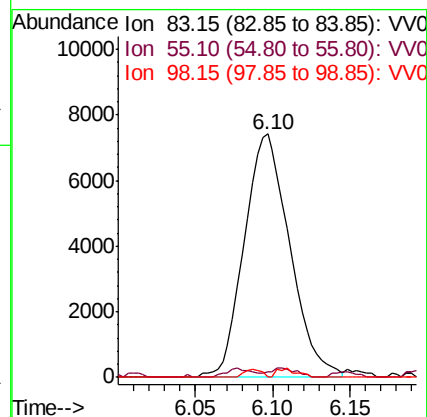
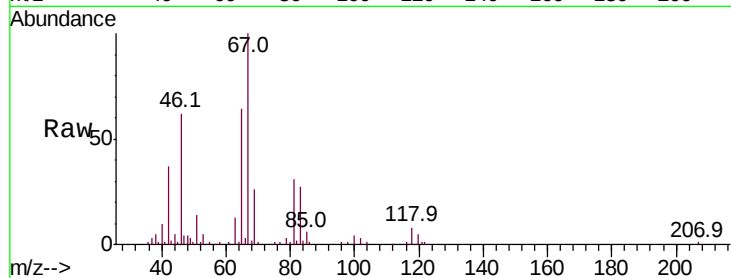
Tot Ion: 83 Resp: 15182

Ion Ratio Lower Upper

83 100

55 2.0 63.6 95.4#

98 1.2 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.657 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017102.D

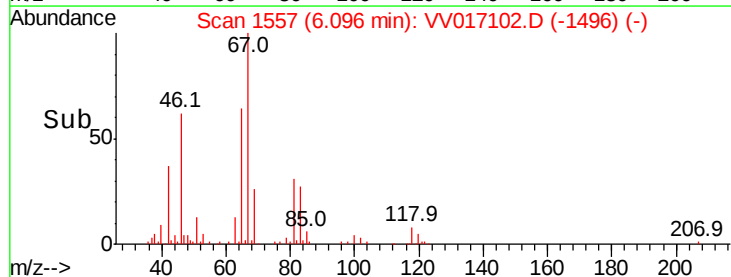
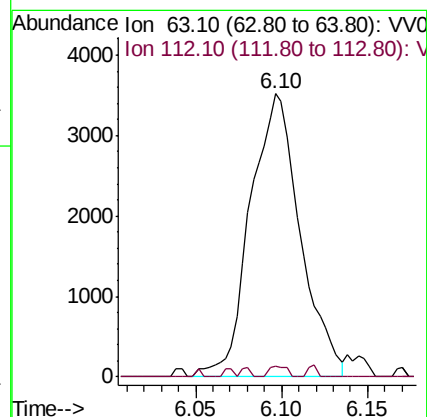
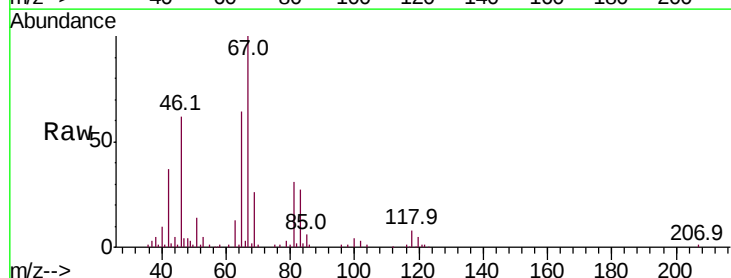
Acq: 25 Jun 2020 04:17

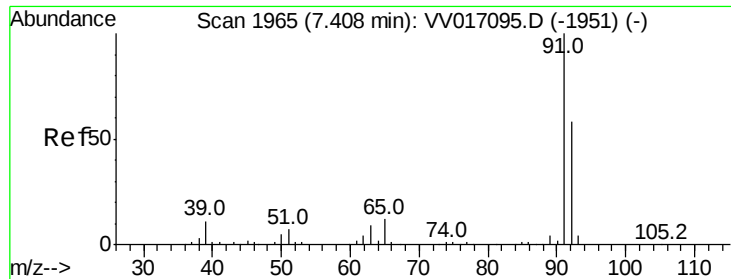
Tgt Ion: 63 Resp: 7103

Ion Ratio Lower Upper

63 100

112 1.3 4.4 6.6#





#42

Toluene

Concen: 0.073 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017102.D

Acq: 25 Jun 2020 04:17

Instrument :

MSVOA_V

ClientSampled :

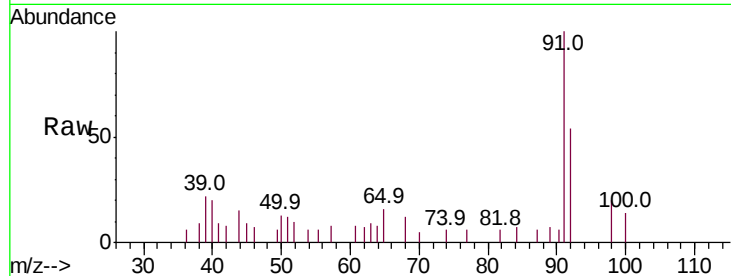
F9L55

Tot Ion: 91 Resp: 3705

Ion Ratio Lower Upper

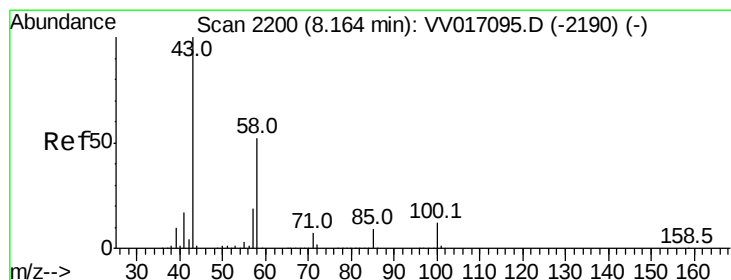
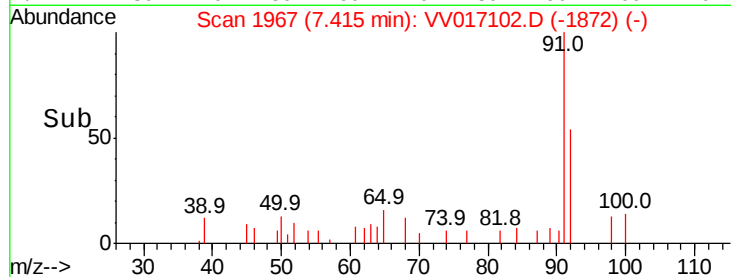
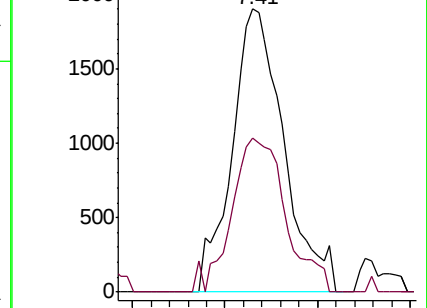
91 100

92 54.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#50

2-Hexanone

Concen: 2.488 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017102.D

Acq: 25 Jun 2020 04:17

Tgt Ion: 43 Resp: 11043

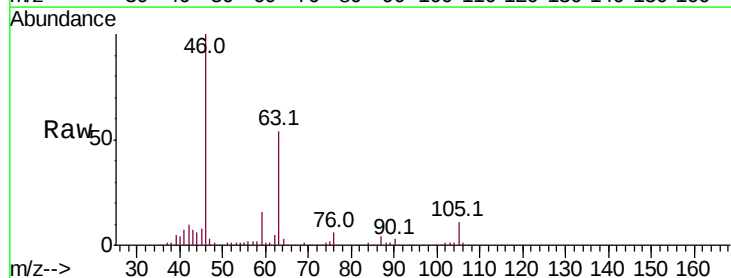
Ion Ratio Lower Upper

43 100

58 32.7 41.6 62.4#

57 29.4 15.4 23.0#

100 1.3 10.1 15.1#

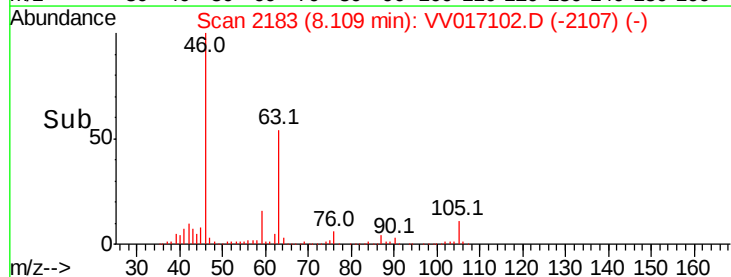
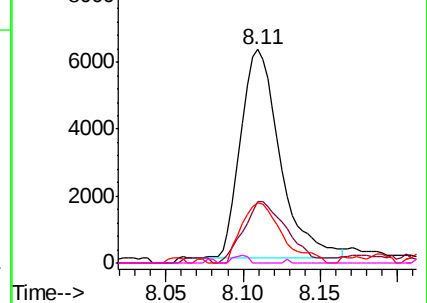


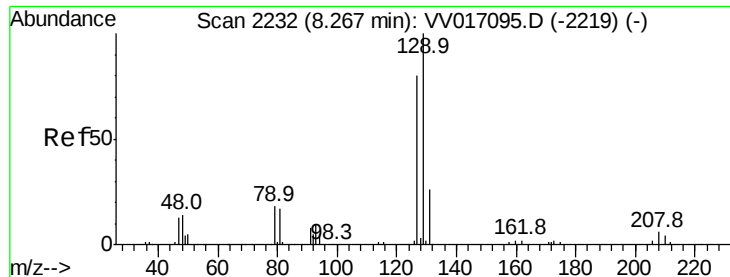
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#51

Dibromochloromethane

Concen: 0.097 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017102.D

Acq: 25 Jun 2020 04:17

Instrument :

MSVOA_V

ClientSampled :

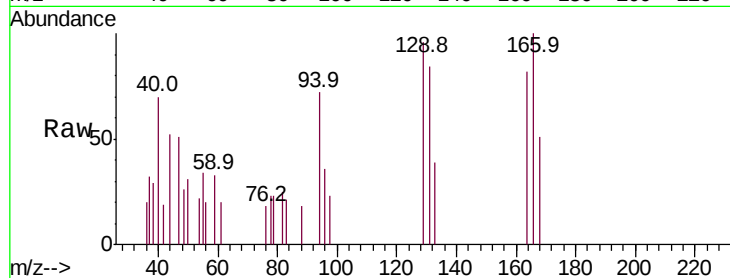
F9L55

Tot Ion:129 Resp: 905

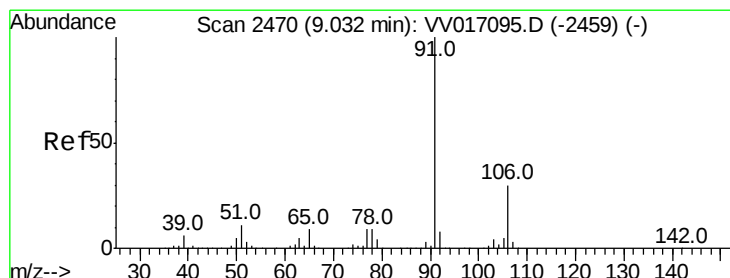
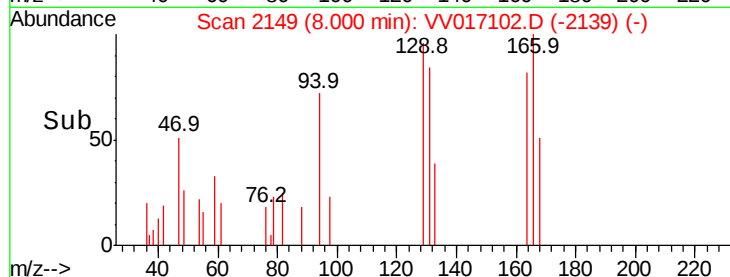
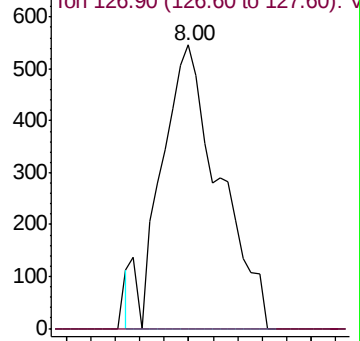
Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V



#54

Ethylbenzene

Concen: 0.135 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017102.D

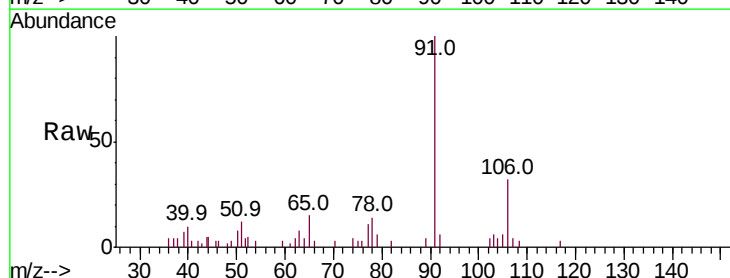
Acq: 25 Jun 2020 04:17

Tgt Ion: 91 Resp: 7294

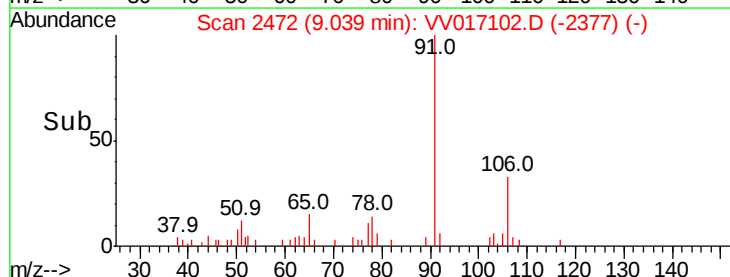
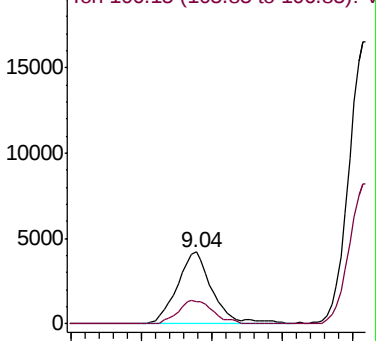
Ion Ratio Lower Upper

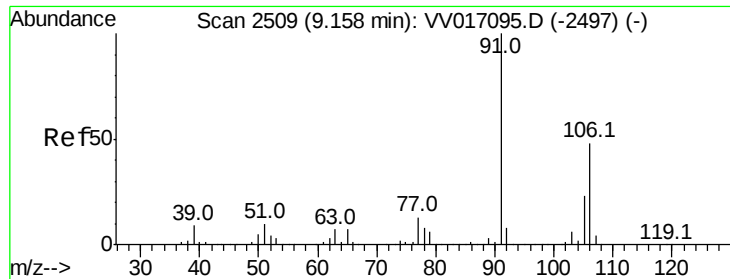
91 100

106 31.8 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

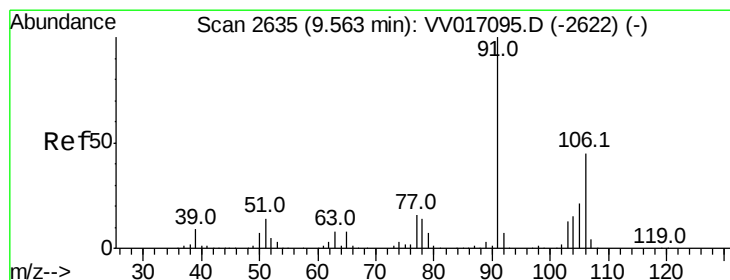
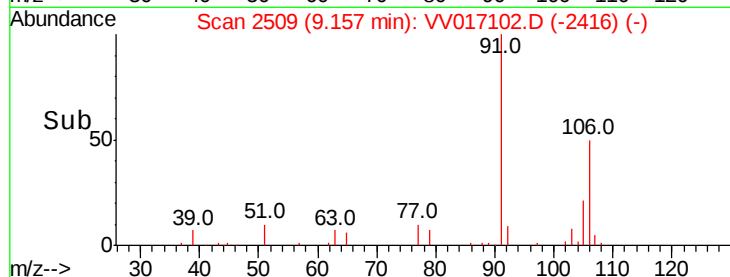
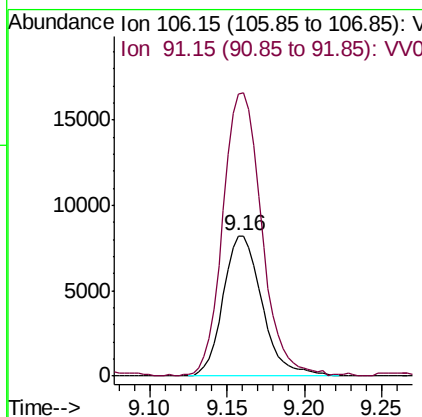
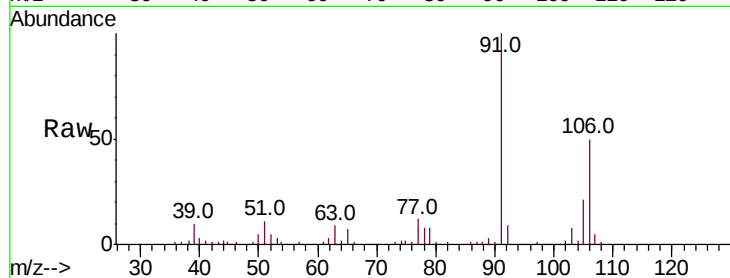




#55
 m,p-xylene
 Concen: 0.675 ug/L
 RT: 9.16 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VV017102.D
 Acq: 25 Jun 2020 04:17

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L55

Tot Ion:106 Resp: 14332
 Ion Ratio Lower Upper
 106 100
 91 201.2 142.7 264.9



#56
 o-xylene
 Concen: 0.287 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV017102.D
 Acq: 25 Jun 2020 04:17

Tgt Ion:106 Resp: 5689
 Ion Ratio Lower Upper
 106 100
 91 206.6 153.6 285.2

