

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017101.D
 Acq On : 25 Jun 2020 03:53
 Operator : SY/MD
 Sample : L3102-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L54

Quant Time: Jun 25 05:29:42 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	170028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	166771	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77966	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36557	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.58	69	31072	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.13	63	59181	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.92	46	112176	43.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.26%
24) Chloroform-d	4.38	84	97542	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	53736	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	181830	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.10	67	54832	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.34	98	163418	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
45) trans-1,3-Dichloropropene-	7.64	79	20467	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
48) 2-Hexanone-d5	8.11	63	78425	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40295	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	66421	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

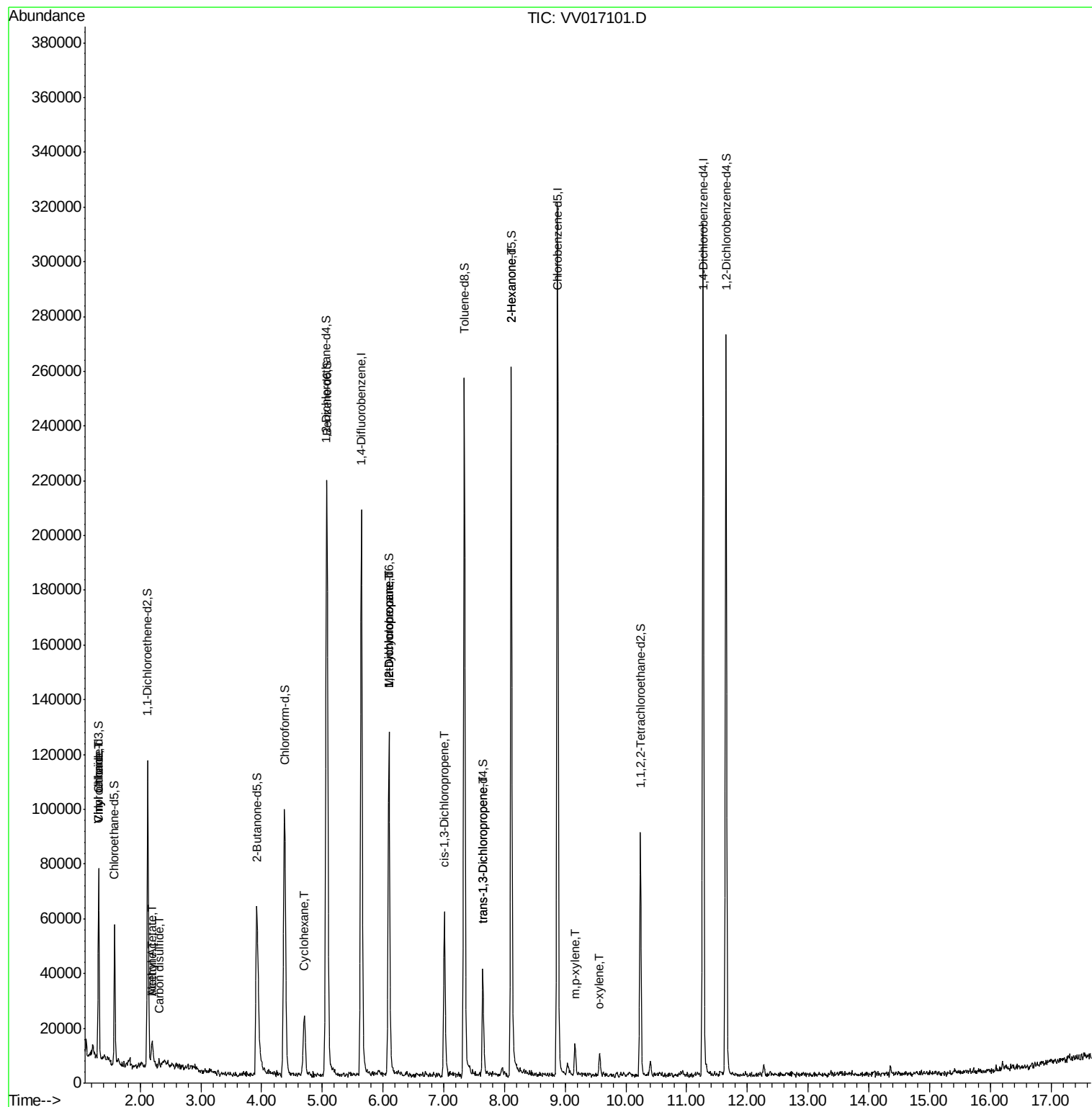
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4591	0.411	ug/L #	73
8) Chloroethane	1.32	64	2337	0.379	ug/L	87
13) Acetone	2.19	43	12881	9.798	ug/L	100
14) Carbon disulfide	2.32	76	2864	0.117	ug/L #	90
15) Methyl Acetate	2.19	43	12064	3.753	ug/L #	53
30) Cyclohexane	4.70	56	10951	0.576	ug/L	94
35) Methylcyclohexane	6.10	83	14103	0.709	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7360	0.681	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2011	0.125	ug/L #	45
46) trans-1,3-Dichloropropene	7.65	75	1176	0.085	ug/L #	47
50) 2-Hexanone	8.11	43	10703	2.409	ug/L #	76
55) m,p-xylene	9.16	106	3344	0.157	ug/L	86
56) o-xylene	9.57	106	1988	0.100	ug/L	77

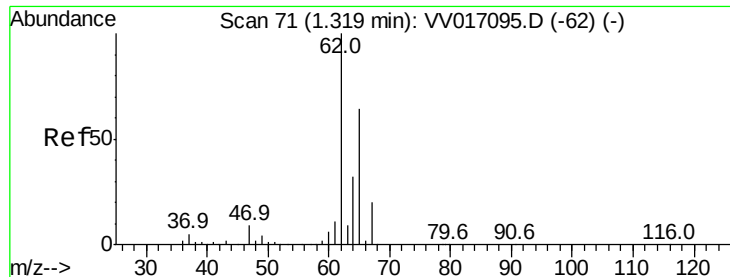
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.411 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017101.D

Acq: 25 Jun 2020 03:53

Instrument :

MSVOA_V

ClientSampleId :

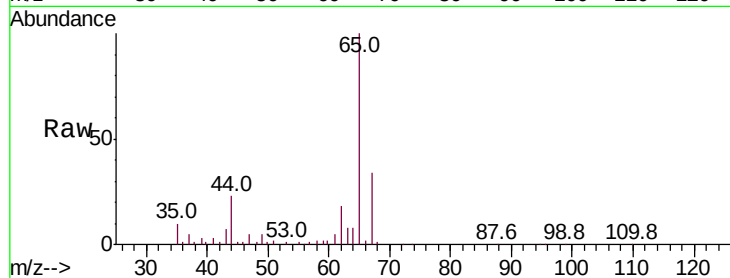
F9L54

Tot Ion: 62 Resp: 4591

Ion Ratio Lower Upper

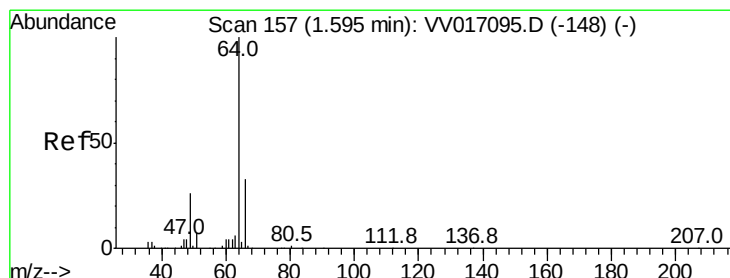
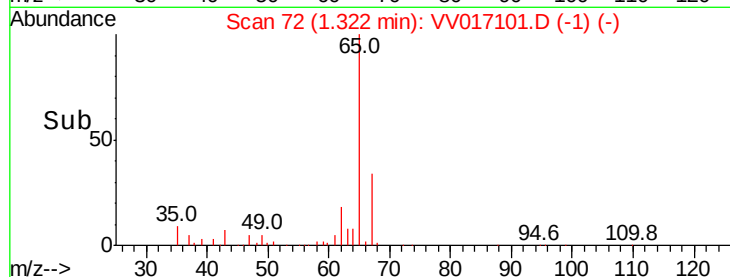
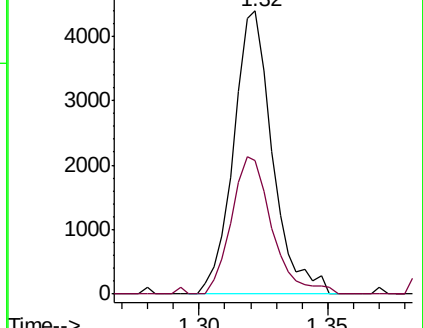
62 100

64 47.2 22.5 41.7#



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

Ion 64.10 (63.80 to 64.80): VV017101.D (-64) (-)



#8

Chloroethane

Concen: 0.379 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV017101.D

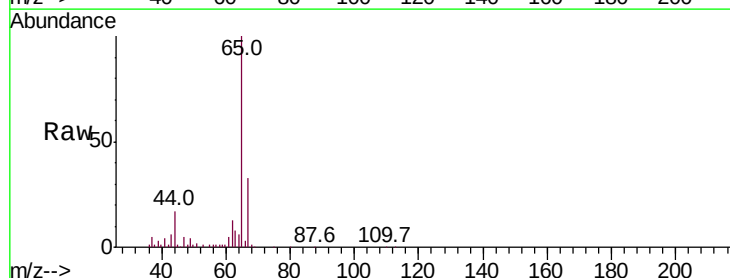
Acq: 25 Jun 2020 03:53

Tgt Ion: 64 Resp: 2337

Ion Ratio Lower Upper

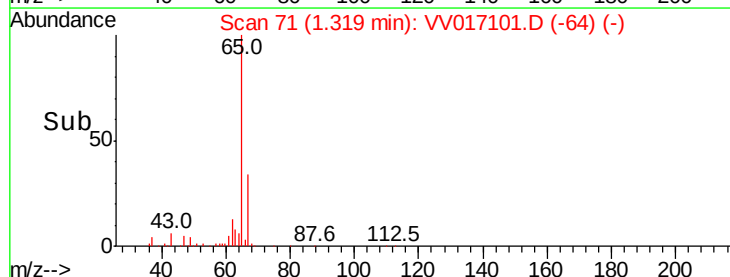
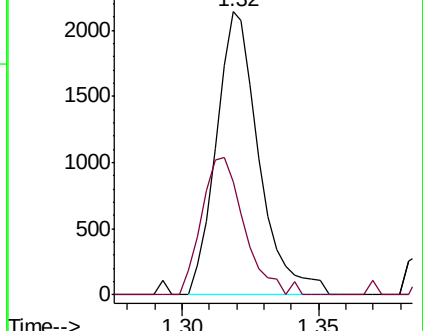
64 100

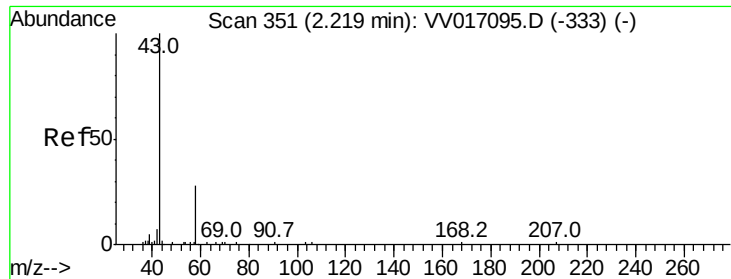
66 40.1 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV017095.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV017101.D (-64) (-)





#13

Acetone

Concen: 9.798 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV017101.D

Acq: 25 Jun 2020 03:53

Instrument :

MSVOA_V

ClientSampleId :

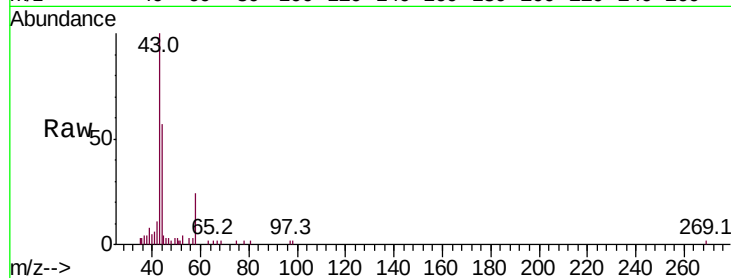
F9L54

Tot Ion: 43 Resp: 12881

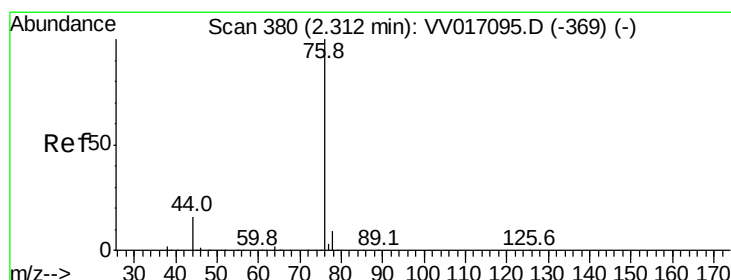
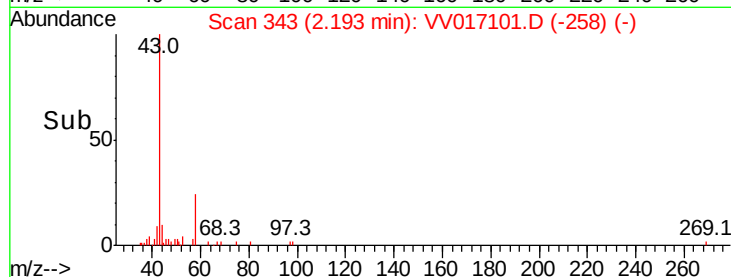
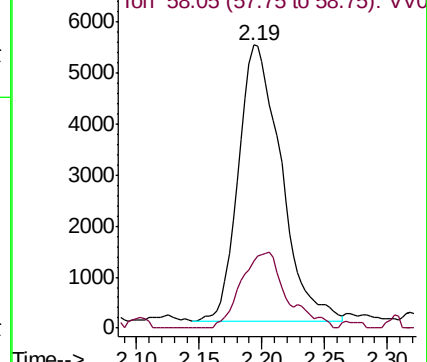
Ion Ratio Lower Upper

43 100

58 29.2 0.0 58.4



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



#14

Carbon disulfide

Concen: 0.117 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV017101.D

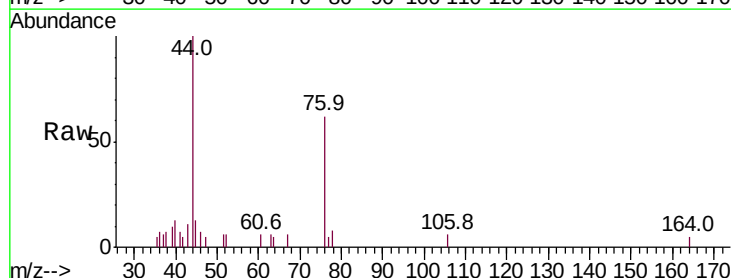
Acq: 25 Jun 2020 03:53

Tgt Ion: 76 Resp: 2864

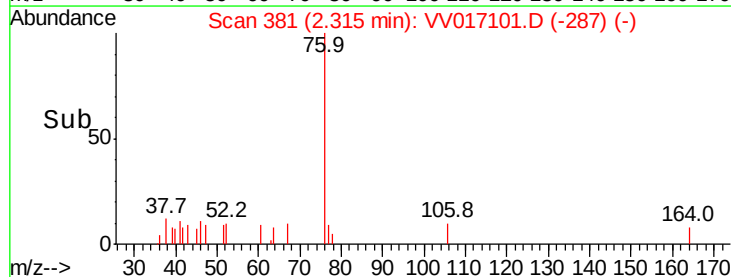
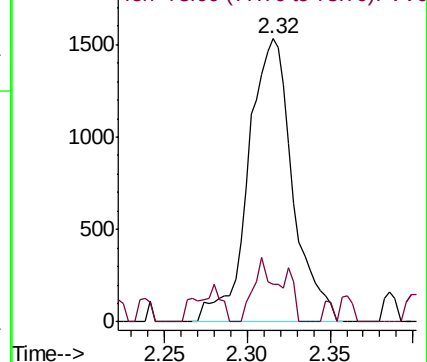
Ion Ratio Lower Upper

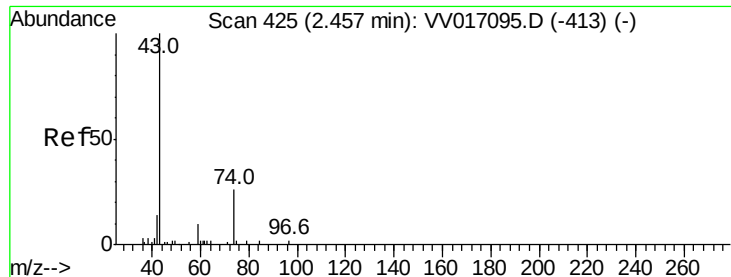
76 100

78 13.4 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV017095.D (-369) (-)

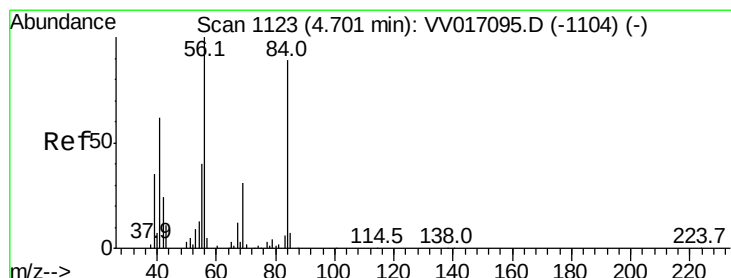
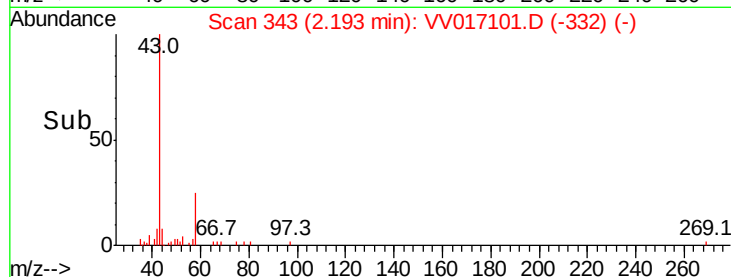
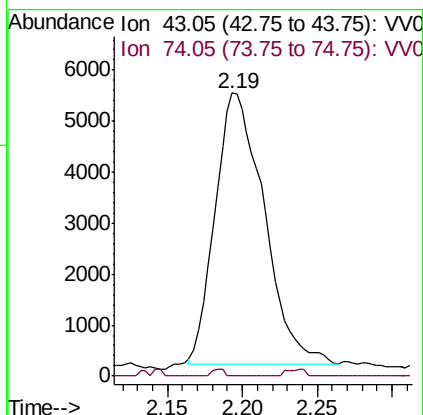
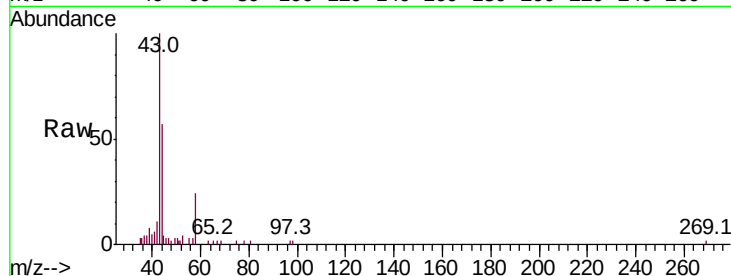




#15
Methvl Acetate
Concen: 3.753 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.26 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

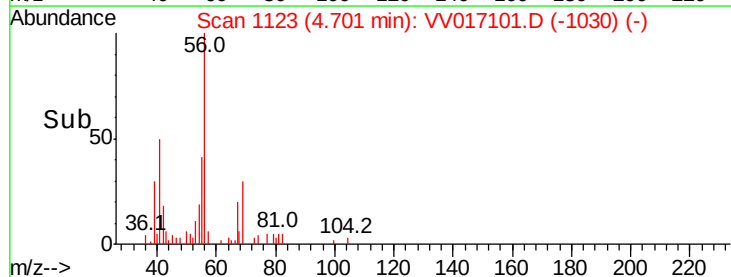
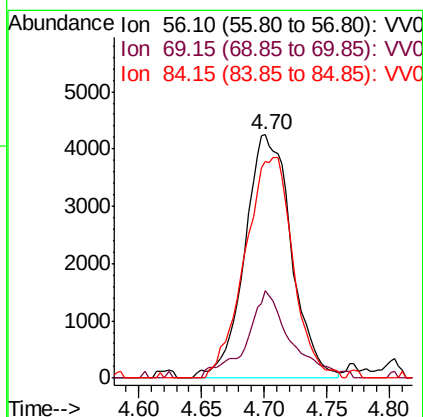
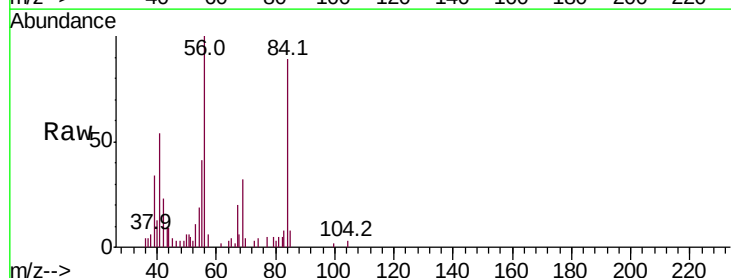
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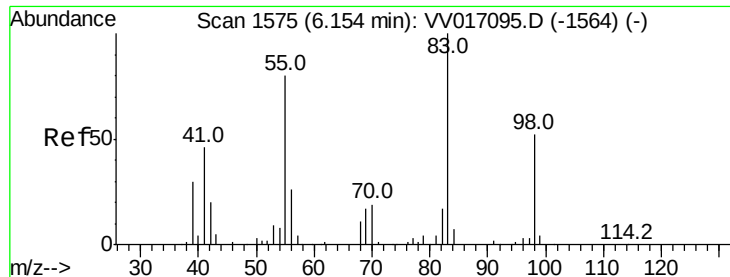
Tot Ion: 43 Resp: 12064
Ion Ratio Lower Upper
43 100
74 0.6 19.1 28.7#



#30
Cyclohexane
Concen: 0.576 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

Tgt Ion: 56 Resp: 10951
Ion Ratio Lower Upper
56 100
69 33.9 24.4 36.6
84 93.5 69.9 104.9

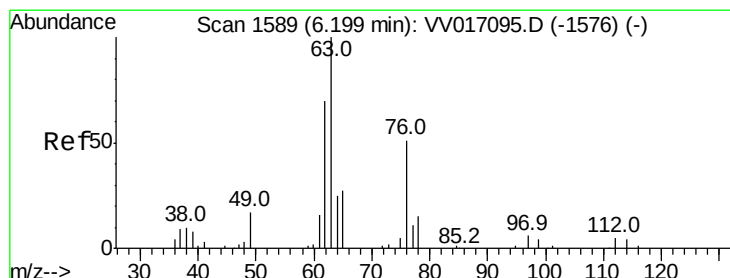
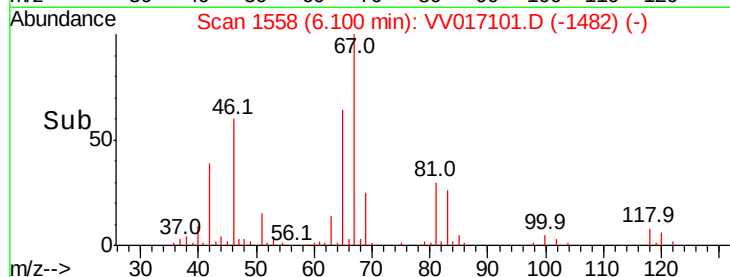
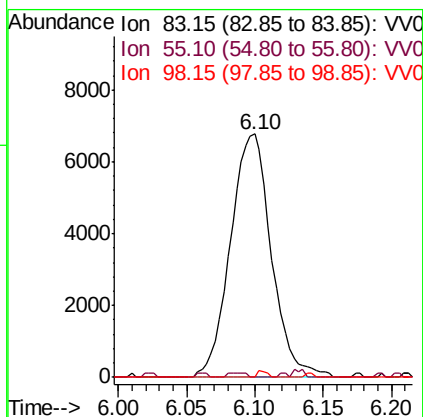
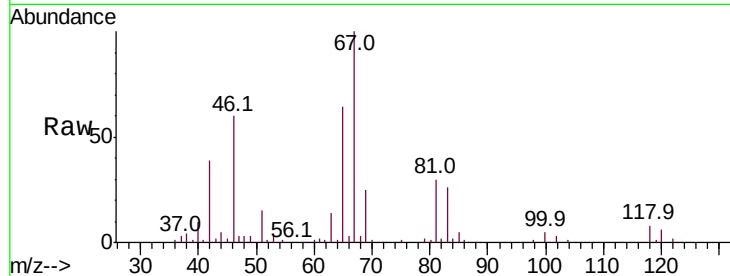




#35
Methylvlcyclohexane
Concen: 0.709 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

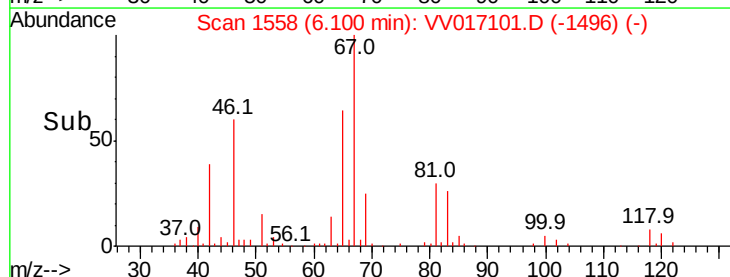
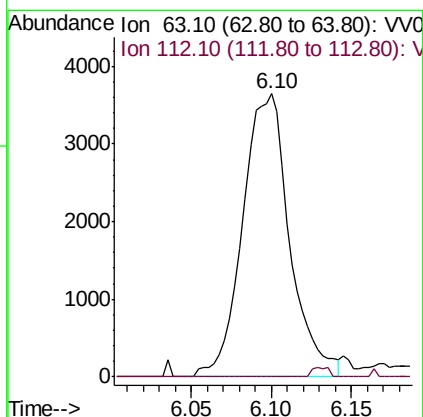
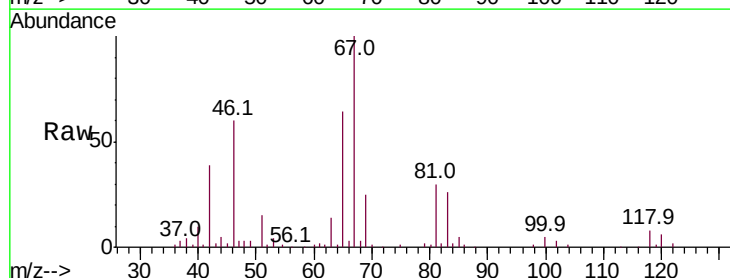
Instrument :
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ClientSampleId :
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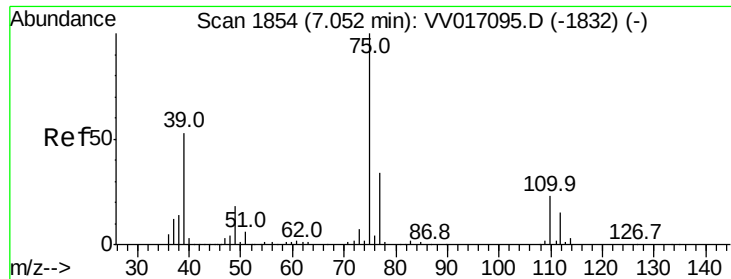
Tot Ion: 83 Resp: 14103
Ion Ratio Lower Upper
83 100
55 0.7 63.6 95.4#
98 0.6 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

Tgt Ion: 63 Resp: 7360
Ion Ratio Lower Upper
63 100
112 1.2 4.4 6.6#



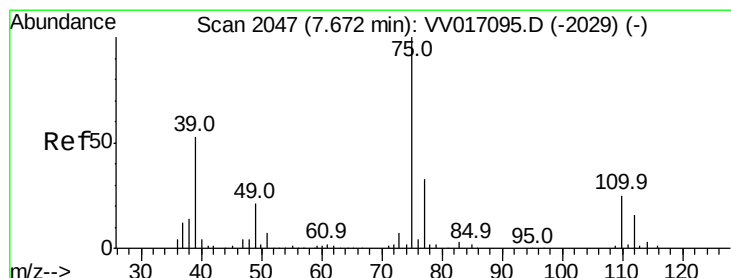
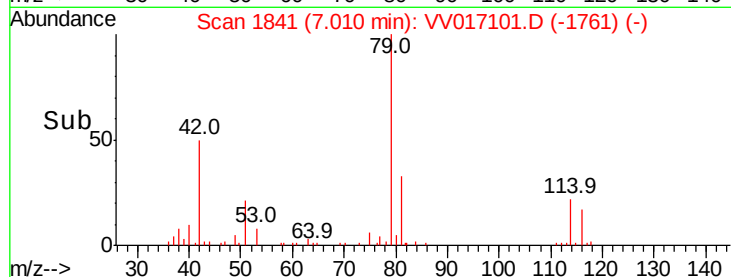
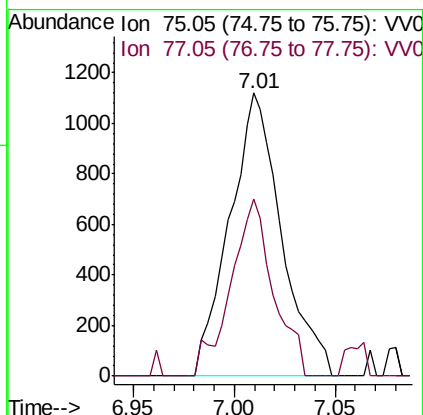
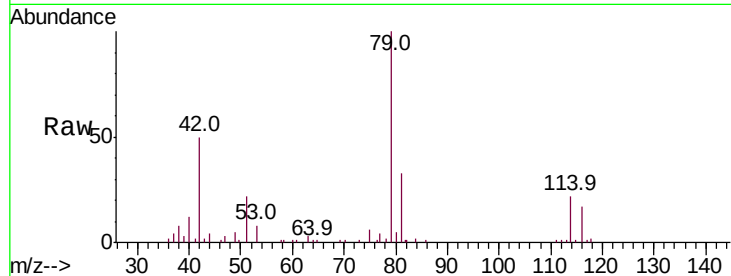


#39

cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

Instrument :
MSVOA_V
ClientSampleId :
F9L54

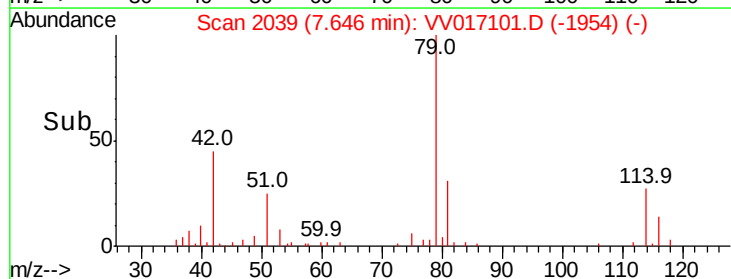
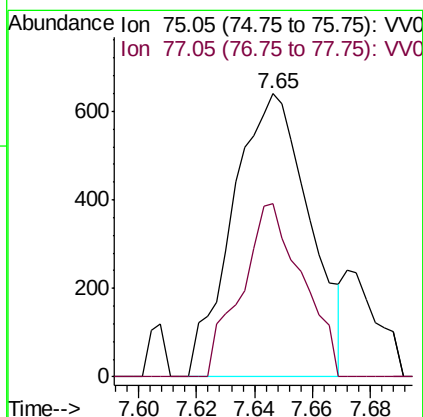
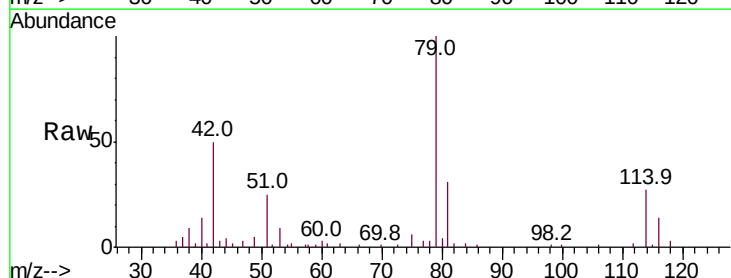
Tot Ion: 75 Resp: 2011
Ion Ratio Lower Upper
75 100
77 62.5 22.3 41.5#

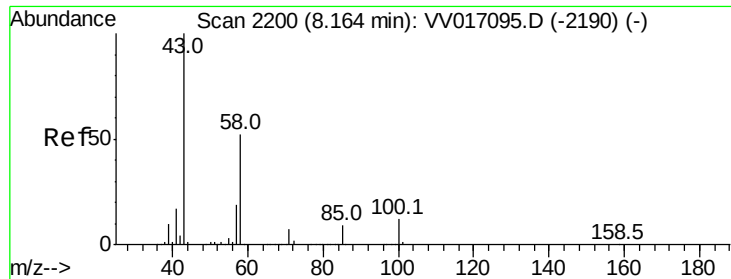


#46

trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

Tgt Ion: 75 Resp: 1176
Ion Ratio Lower Upper
75 100
77 61.0 22.3 41.3#

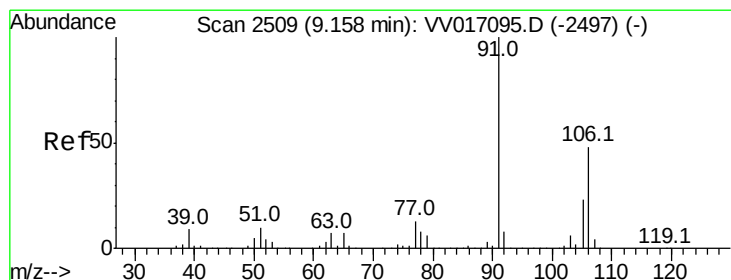
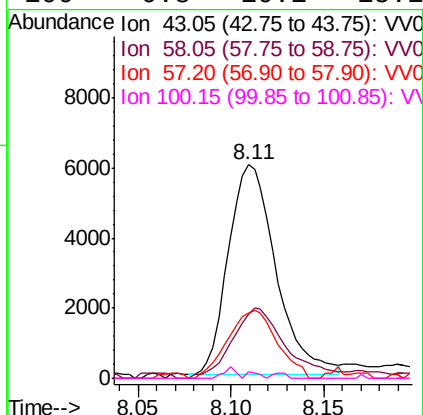
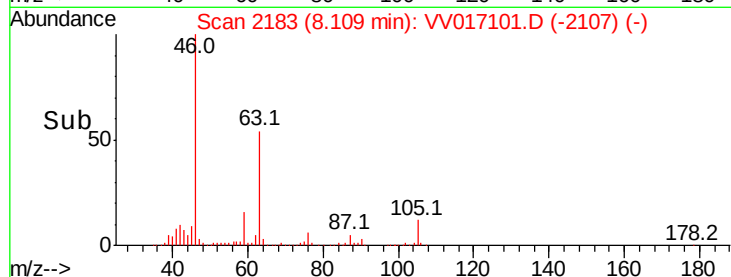
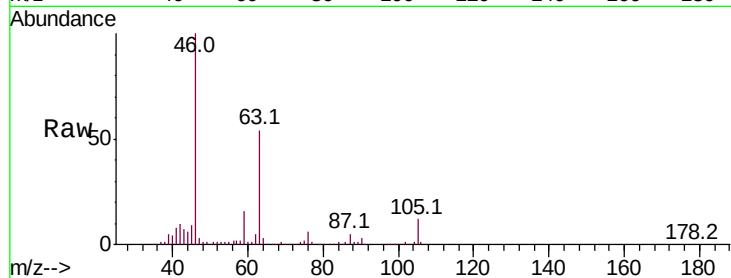




#50
2-Hexanone
Concen: 2.409 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

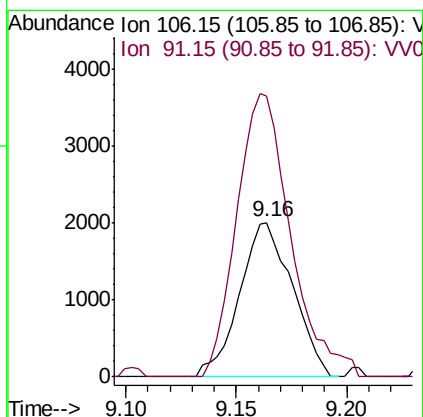
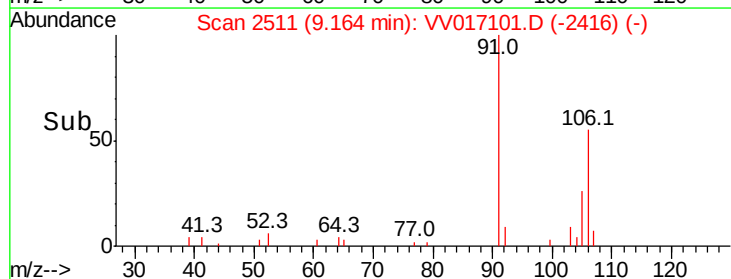
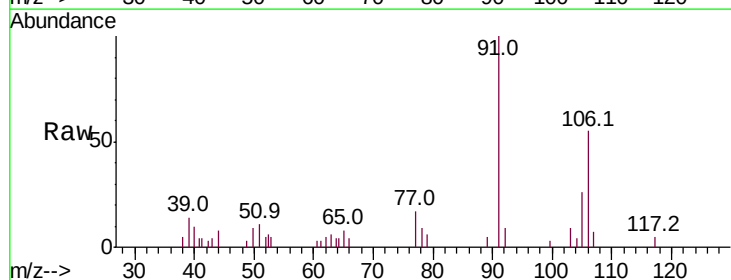
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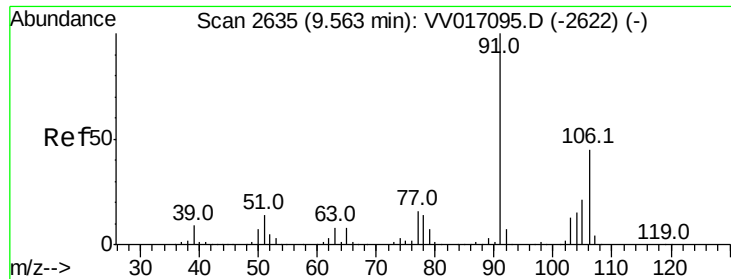
Tot Ion: 43 Resp: 10703
Ion Ratio Lower Upper
43 100
58 37.5 41.6 62.4#
57 33.2 15.4 23.0#
100 0.8 10.1 15.1#



#55
m,p-xylene
Concen: 0.157 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

Tgt Ion: 106 Resp: 3344
Ion Ratio Lower Upper
106 100
91 181.6 142.7 264.9





#56
 o-xylene
 Concen: 0.100 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV017101.D
 Acq: 25 Jun 2020 03:53

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L54

Tot Ion:106 Resp: 1988
 Ion Ratio Lower Upper
 106 100
 91 182.3 153.6 285.2

