

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017356.D
 Acq On : 06 Jul 2020 17:17
 Operator : SY/MD
 Sample : L3168-04DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH9DL

Quant Time: Jul 07 01:19:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	166175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162328	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41439	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	35128	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	67871	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.94	46	103661	40.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.56%
24) Chloroform-d	4.38	84	95016	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.06	65	54644	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.08	84	177194	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.10	67	50720	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.34	98	161286	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
45) trans-1,3-Dichloropropene-	7.64	79	20943	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
48) 2-Hexanone-d5	8.11	63	68832	34.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35267	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	65408	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

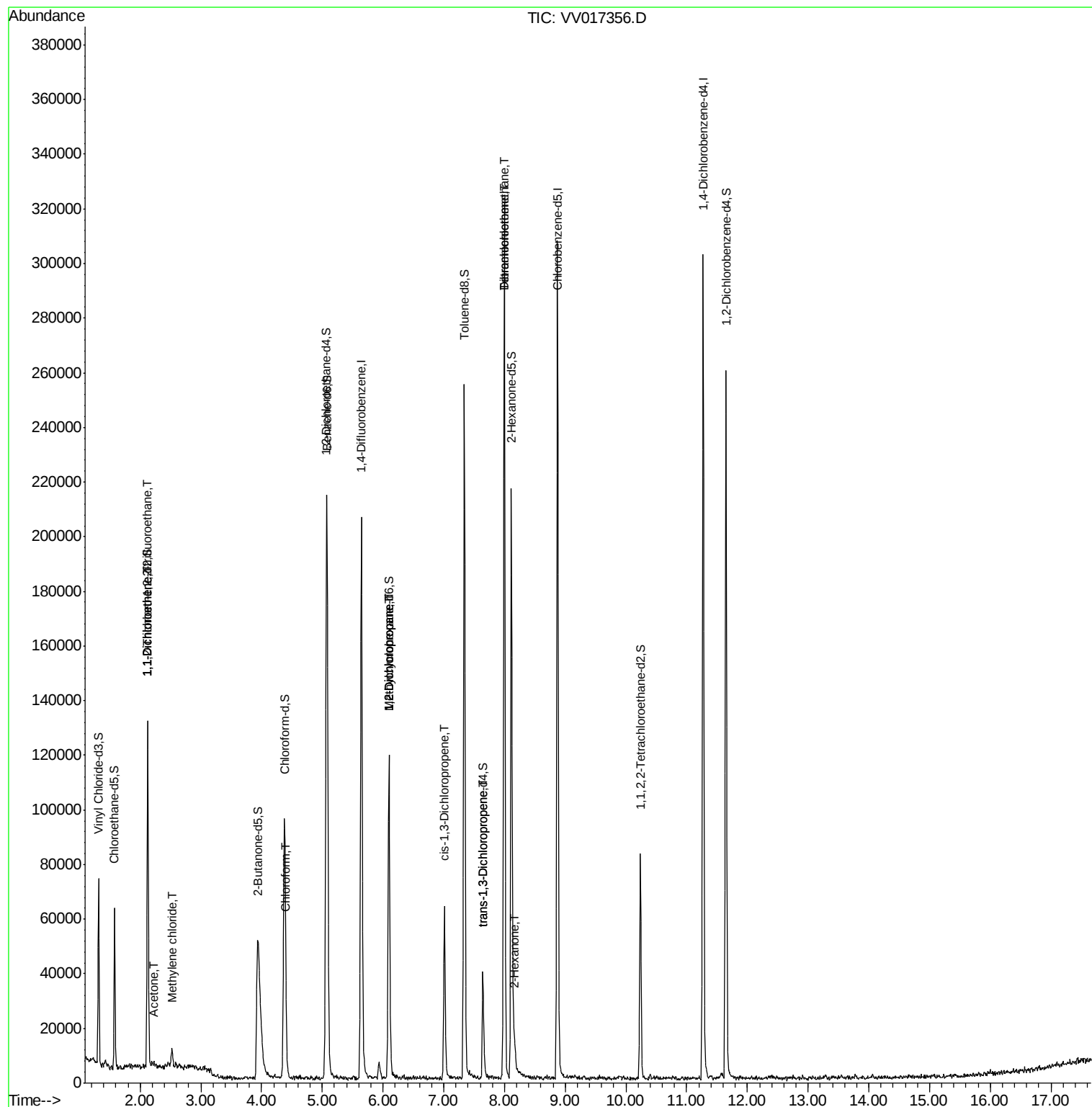
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	811	0.092	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	898	0.113	ug/L #	1
13) Acetone	2.22	43	2274	1.770	ug/L	98
16) Methylene chloride	2.52	84	2300	0.269	ug/L	89
25) Chloroform	4.41	83	3382	0.163	ug/L	90
35) Methylcyclohexane	6.09	83	13895	0.718	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6433	0.611	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1740	0.111	ug/L #	57
46) trans-1,3-Dichloropropene	7.64	75	1221	0.090	ug/L	93
49) Tetrachloroethene	8.00	164	70200	7.007	ug/L	95
50) 2-Hexanone	8.17	43	4234	0.979	ug/L	92
51) Dibromochloromethane	8.00	129	61932	6.845	ug/L #	11

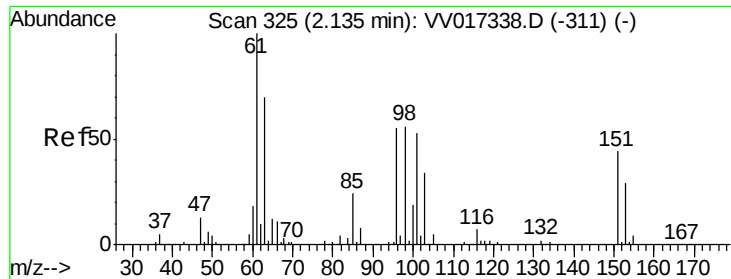
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017356.D

Acq: 06 Jul 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

C0AH9DL

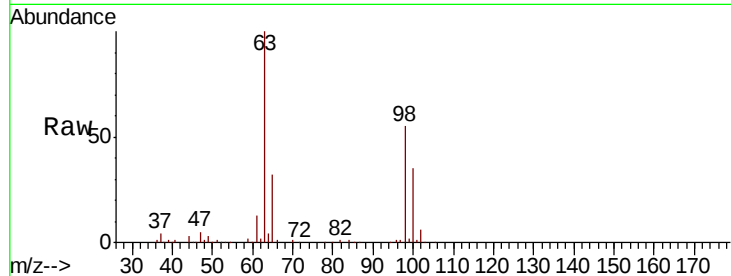
Tot Ion:101 Resp: 811

Ion Ratio Lower Upper

101 100

85 5.4 35.4 53.2#

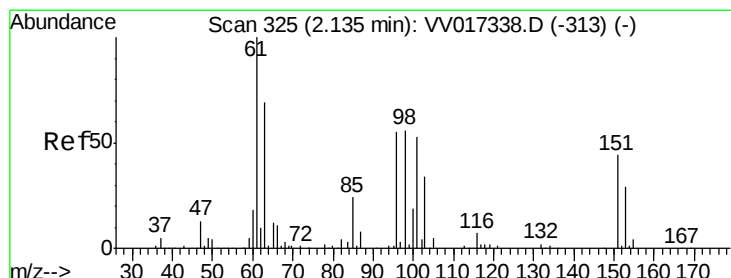
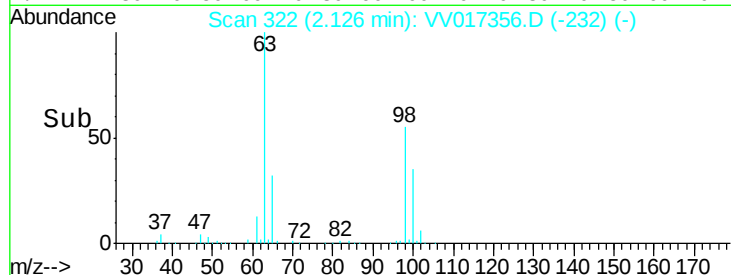
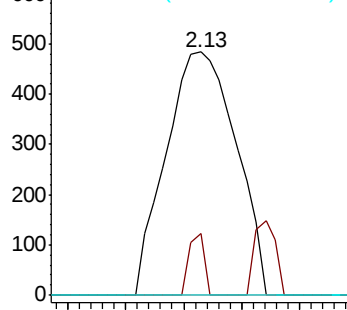
151 0.0 63.9 95.9#



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: 0.113 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017356.D

Acq: 06 Jul 2020 17:17

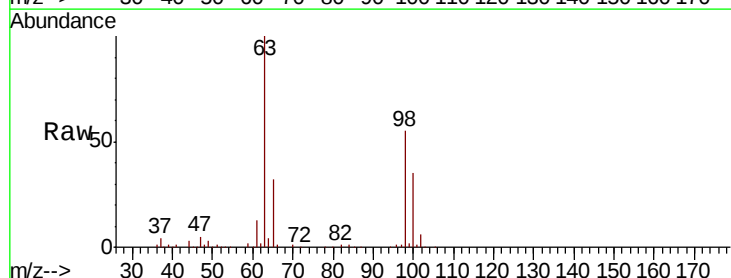
Tgt Ion: 96 Resp: 898

Ion Ratio Lower Upper

96 100

61 1387.9 125.0 232.2#

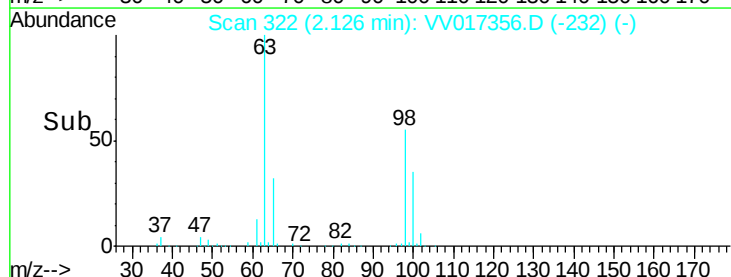
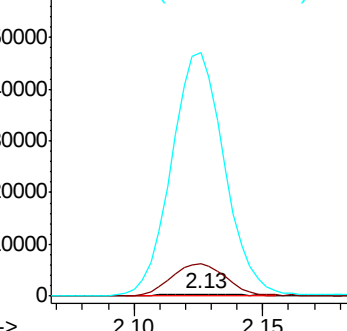
63 10525.3 109.8 203.8#

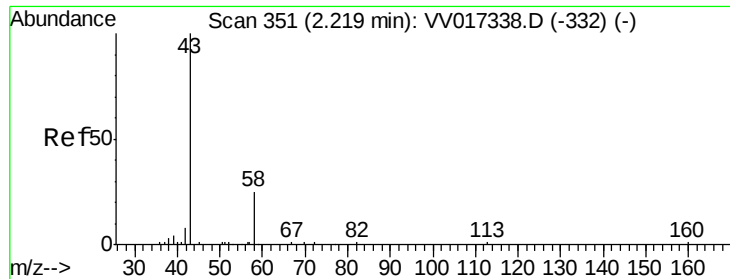


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.770 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV017356.D

Acq: 06 Jul 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

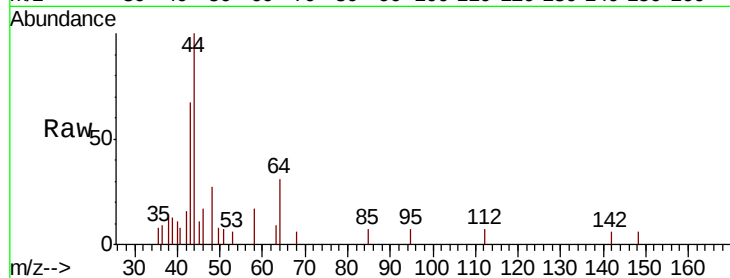
C0AH9DL

Tot Ion: 43 Resp: 2274

Ion Ratio Lower Upper

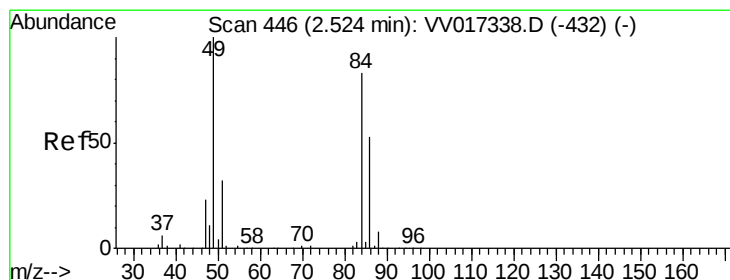
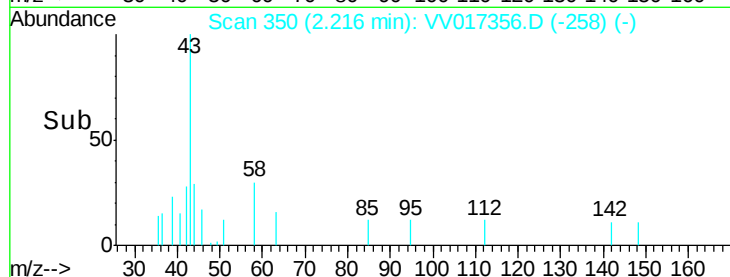
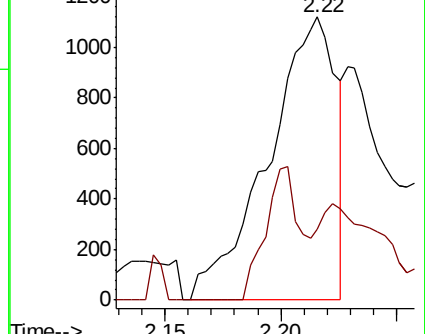
43 100

58 30.4 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.269 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017356.D

Acq: 06 Jul 2020 17:17

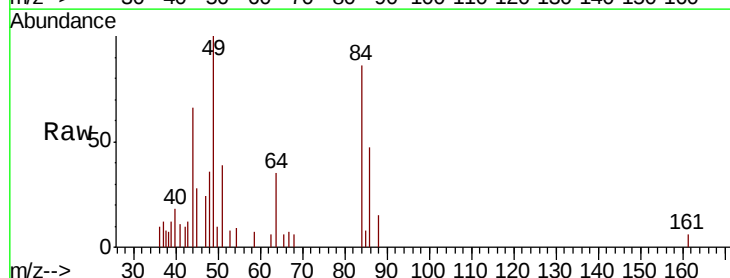
Tgt Ion: 84 Resp: 2300

Ion Ratio Lower Upper

84 100

86 54.8 45.8 85.0

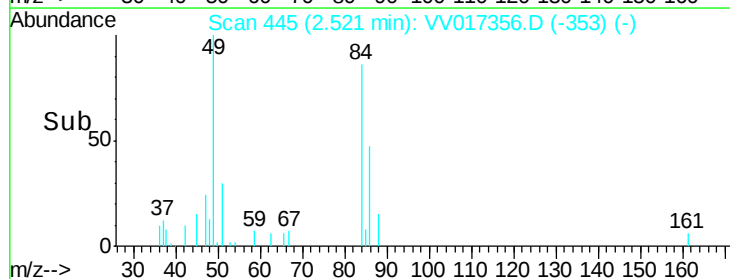
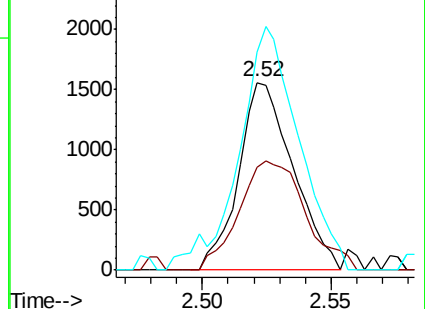
49 116.1 89.6 166.4

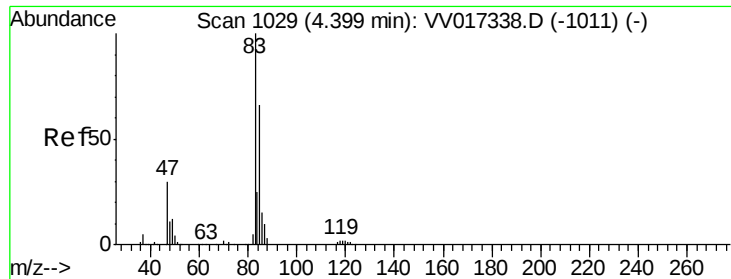


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

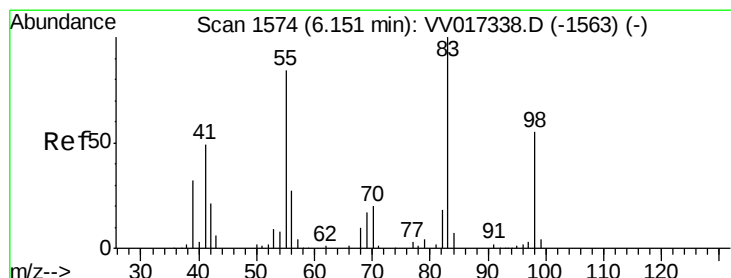
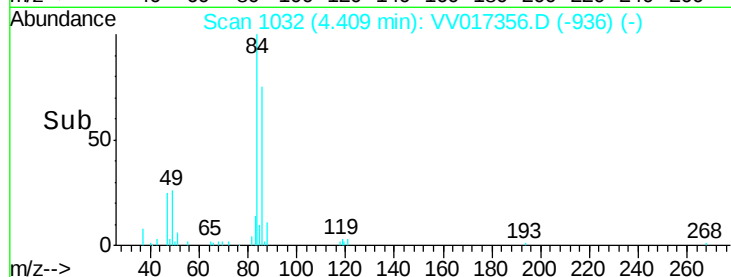
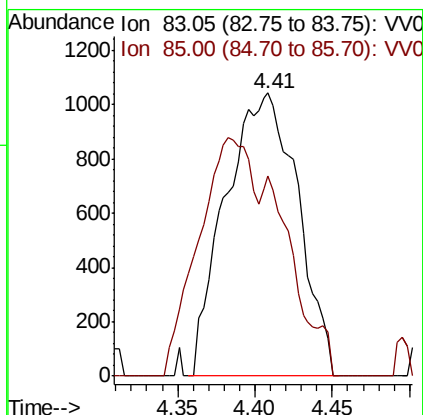
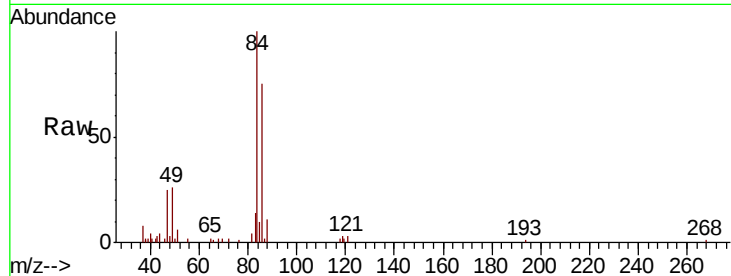




#25
Chloroform
Concen: 0.163 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017356.D
Acq: 06 Jul 2020 17:17

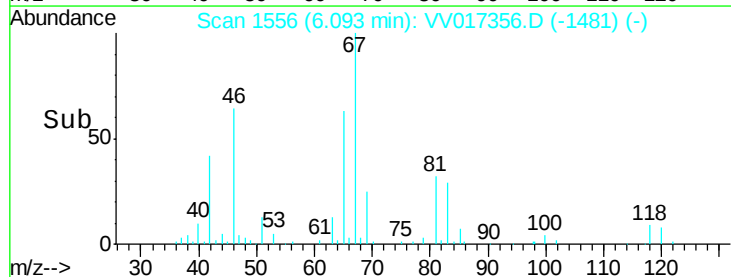
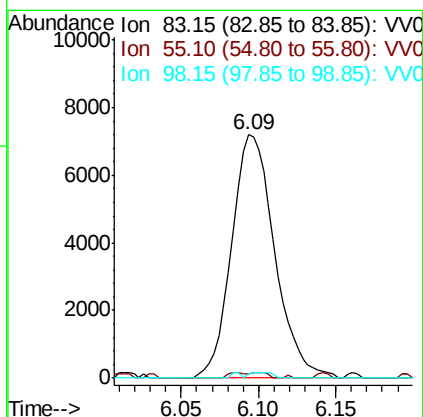
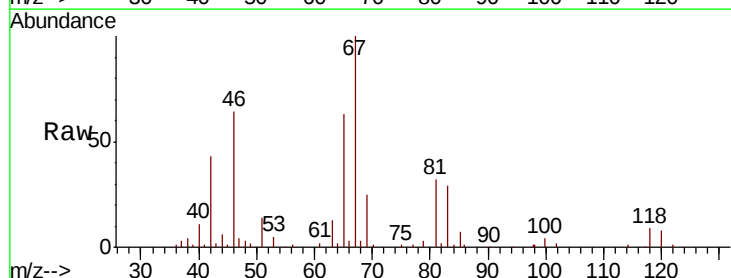
Instrument :
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ClientSampleId :
C0AH9DL

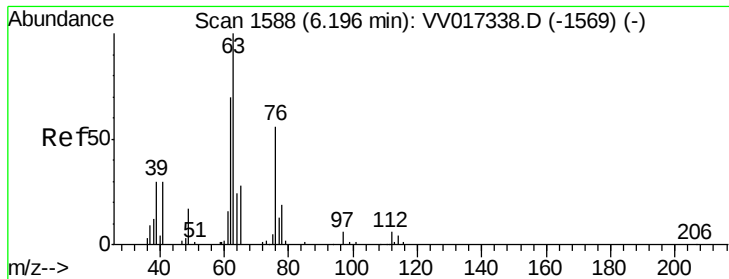
Tot Ion: 83 Resp: 3382
Ion Ratio Lower Upper
83 100
85 70.6 44.2 82.2



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017356.D
Acq: 06 Jul 2020 17:17

Tgt Ion: 83 Resp: 13895
Ion Ratio Lower Upper
83 100
55 0.8 63.6 95.4#
98 1.3 38.8 58.2#

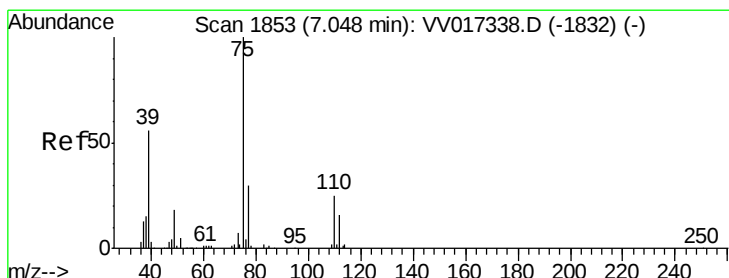
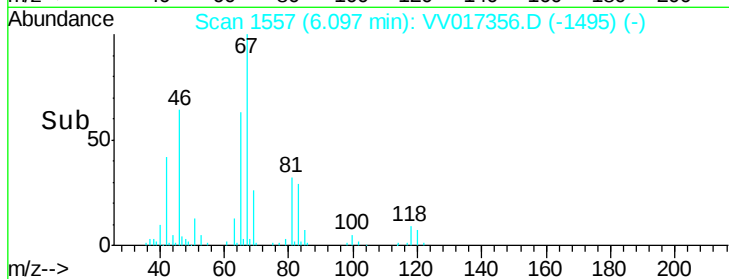
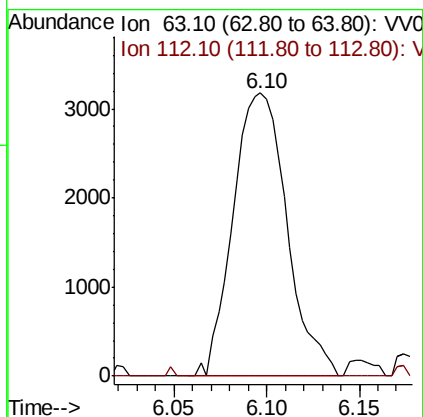
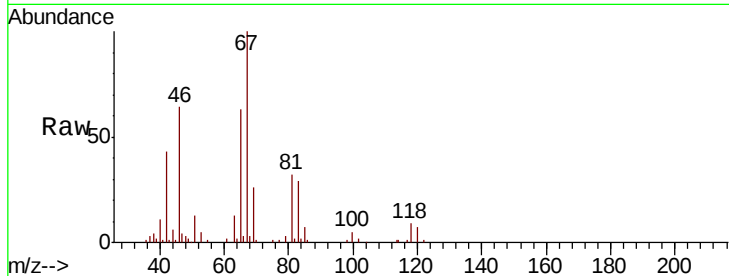




#37
 1,2-Dichloropropane
 Concen: 0.611 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017356.D
 Acq: 06 Jul 2020 17:17

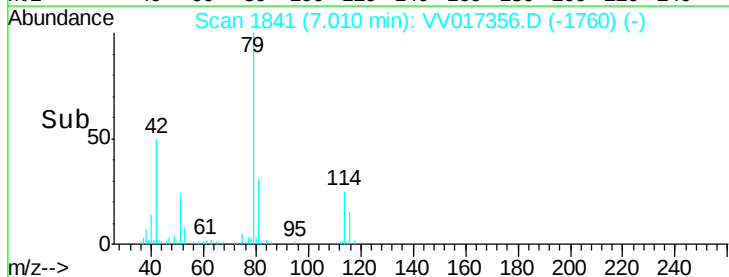
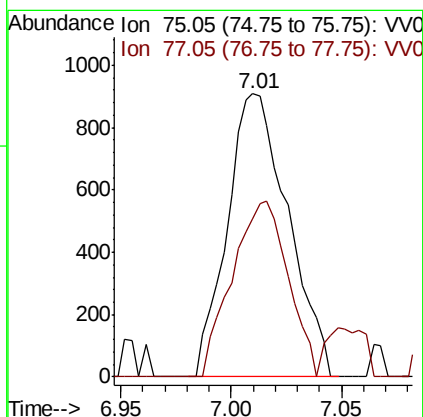
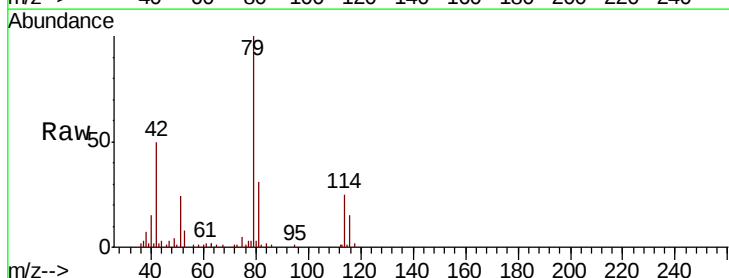
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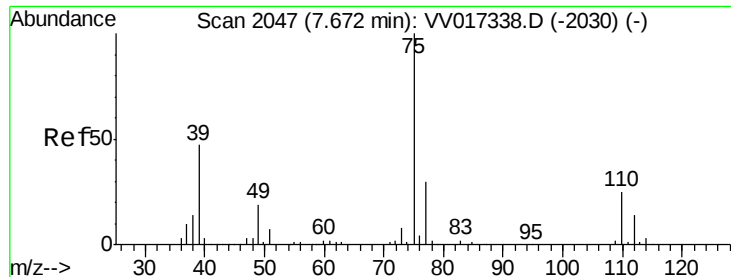
Tot Ion: 63 Resp: 6433
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017356.D
 Acq: 06 Jul 2020 17:17

Tgt Ion: 75 Resp: 1740
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.3 41.5#

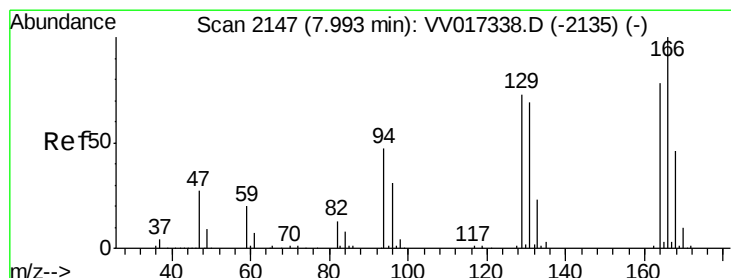
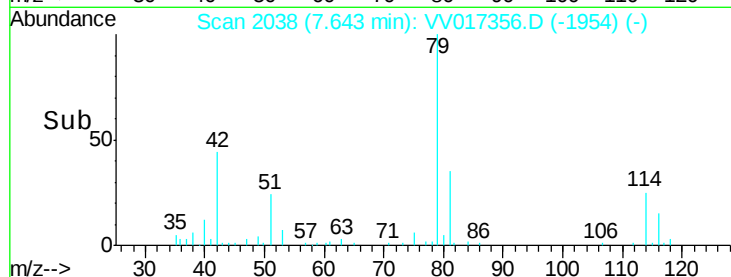
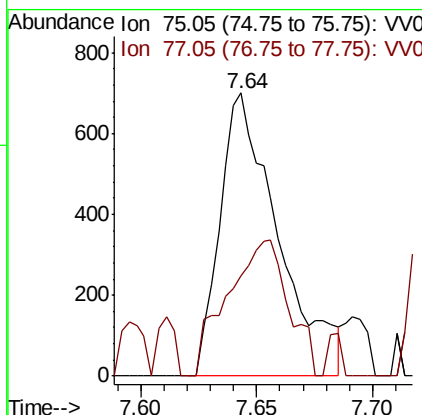
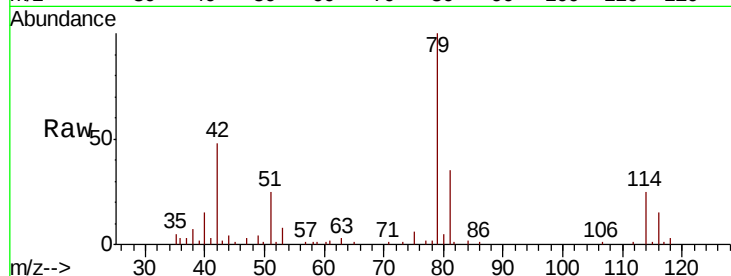




#46
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017356.D
Acq: 06 Jul 2020 17:17

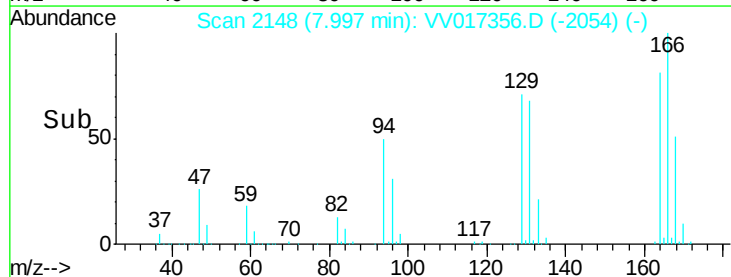
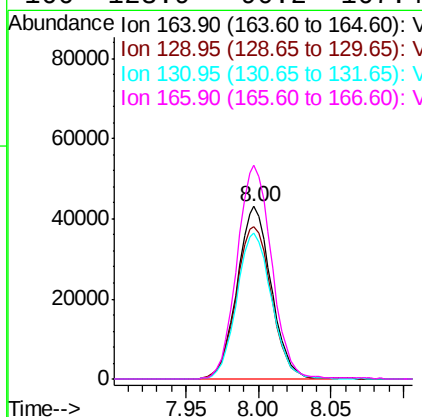
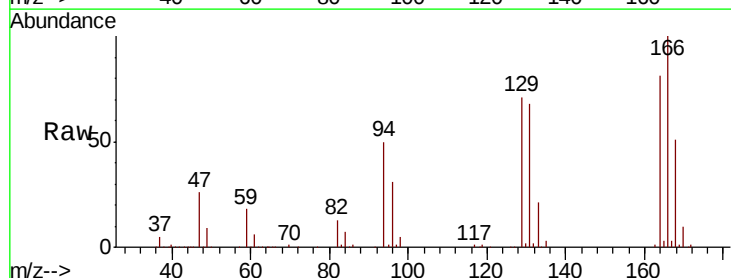
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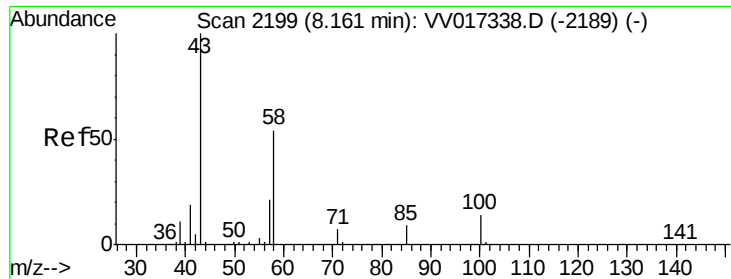
Tot Ion: 75 Resp: 1221
Ion Ratio Lower Upper
75 100
77 35.6 22.3 41.3



#49
Tetrachloroethene
Concen: 7.007 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017356.D
Acq: 06 Jul 2020 17:17

Tgt Ion: 164 Resp: 70200
Ion Ratio Lower Upper
164 100
129 88.5 65.2 121.0
131 84.4 64.1 119.1
166 123.9 90.2 167.4

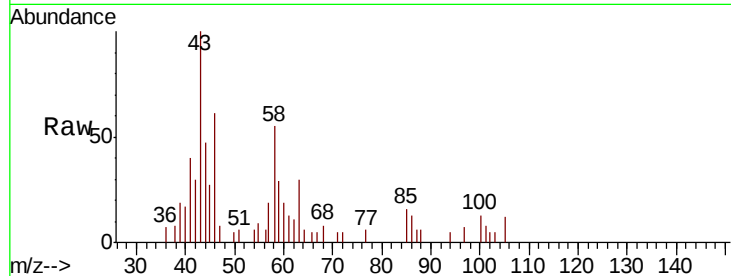




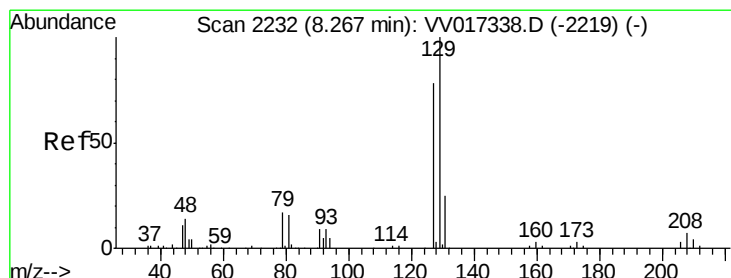
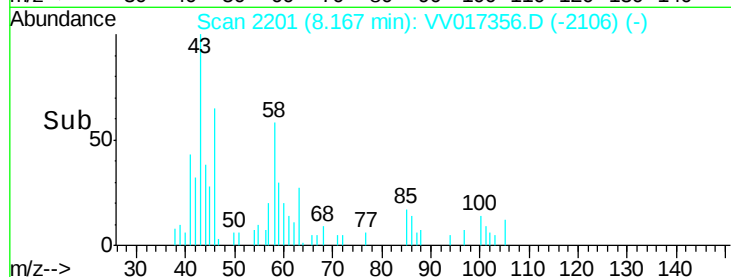
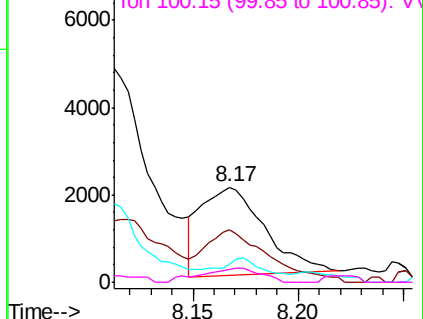
#50
2-Hexanone
Concen: 0.979 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017356.D
Acq: 06 Jul 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
C0AH9DL

Tot Ion:	43	Resp:	4234
Ion	Ratio	Lower	Upper
43	100		
58	59.9	41.6	62.4
57	18.7	15.4	23.0
100	14.9	10.1	15.1

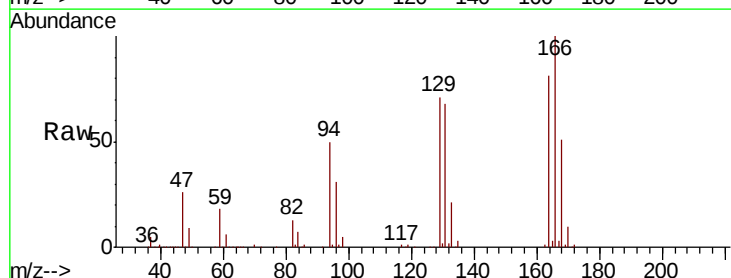


Abundance Ion 43.05 (42.75 to 43.75): VV017338.D (-2189) (-)
Ion 58.05 (57.75 to 58.75): VV017338.D (-2189) (-)
Ion 57.20 (56.90 to 57.90): VV017338.D (-2189) (-)
Ion 100.15 (99.85 to 100.85): VV017338.D (-2189) (-)



#51
Dibromochloromethane
Concen: 6.845 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017356.D
Acq: 06 Jul 2020 17:17

Tgt Ion:	129	Resp:	61932
Ion	Ratio	Lower	Upper
129	100		
127	0.4	54.1	100.5#



Abundance Ion 128.95 (128.65 to 129.65): VV017338.D (-2219) (-)
Ion 126.90 (126.60 to 127.60): VV017338.D (-2219) (-)

