

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017355.D
 Acq On : 06 Jul 2020 16:53
 Operator : SY/MD
 Sample : L3168-03DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH8DL

Quant Time: Jul 07 01:19:43 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	165918	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162263	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79440	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41102	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	35074	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	67301	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.95	46	103171	40.65	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.30%
24) Chloroform-d	4.38	84	98489	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	56197	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.07	84	176585	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.10	67	50302	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.34	98	164099	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	7.65	79	21572	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.11	63	70244	35.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36106	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	68392	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

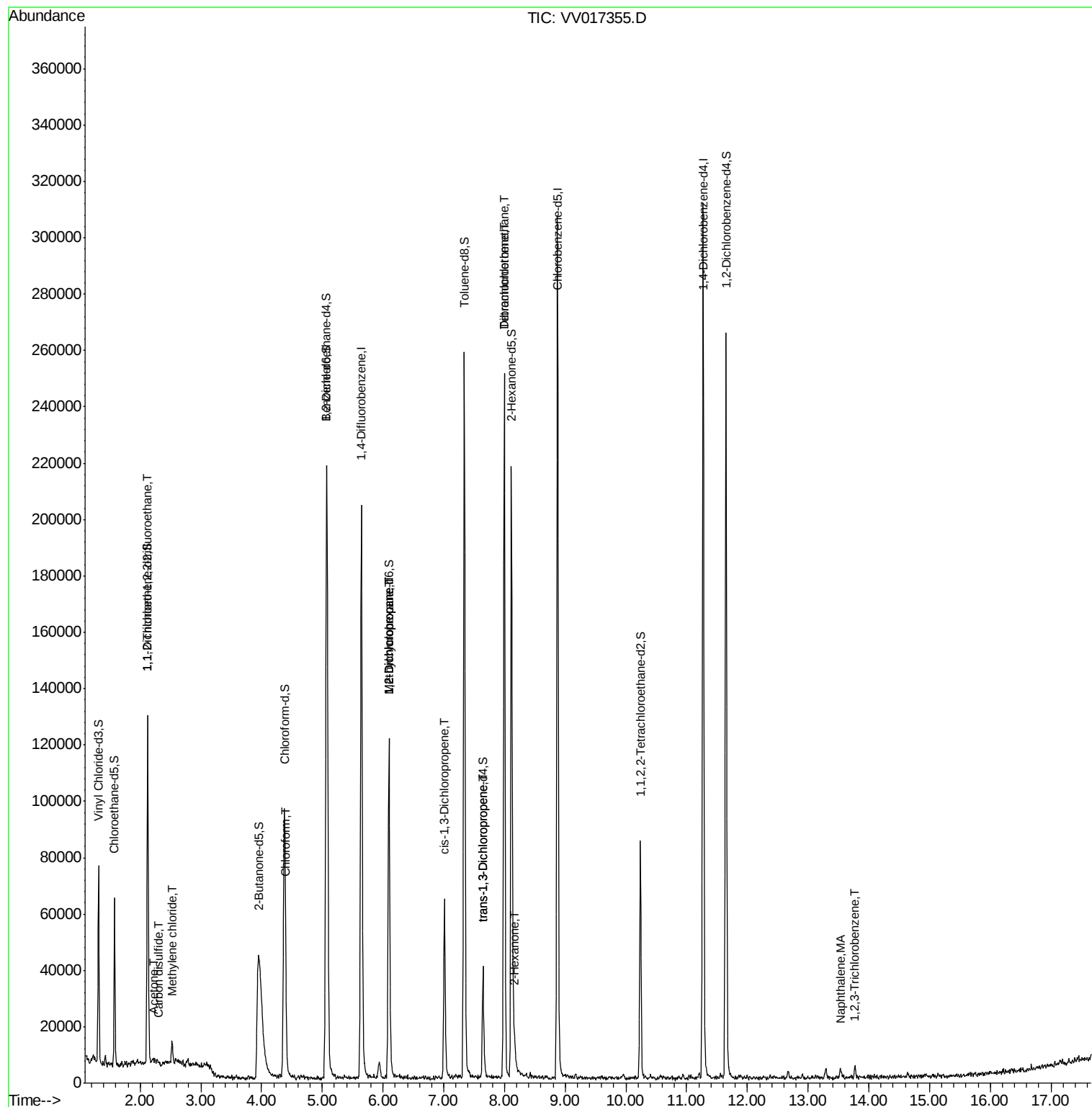
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	858	0.098 ug/L #	25
13) Acetone	2.22	43	3350	2.611 ug/L	62
14) Carbon disulfide	2.31	76	1010	0.042 ug/L #	42
16) Methylene chloride	2.52	84	2654	0.311 ug/L	82
25) Chloroform	4.41	83	2815	0.136 ug/L #	70
35) Methylcyclohexane	6.10	83	14218	0.735 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7020	0.667 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	2104	0.135 ug/L	100
46) trans-1,3-Dichloropropene	7.65	75	1187	0.088 ug/L	89
49) Tetrachloroethene	8.00	164	55575	5.549 ug/L	98
50) 2-Hexanone	8.17	43	5046	1.167 ug/L #	88
51) Dibromochloromethane	8.00	129	47951	5.302 ug/L #	12
70) Naphthalene	13.53	128	3002	0.134 ug/L #	86
71) 1,2,3-Trichlorobenzene	13.77	180	1233	0.096 ug/L	84

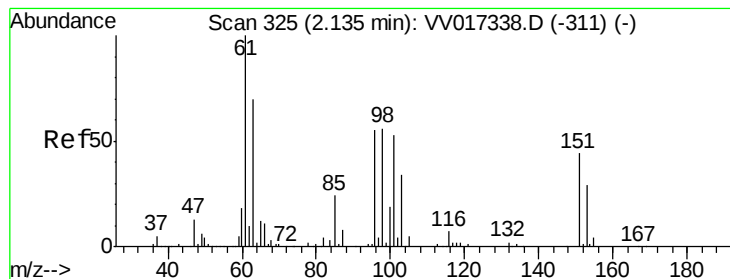
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration





#10

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

Concen: 0.098 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017355.D

Acq: 06 Jul 2020 16:53

Instrument :

MSVOA_V

ClientSampleId :

C0AH8DL

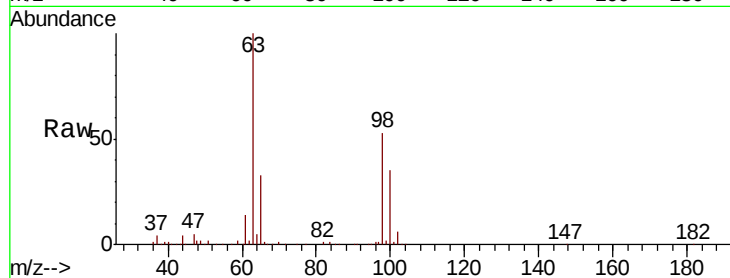
Tot Ion:101 Resp: 858

Ion Ratio Lower Upper

101 100

85 14.6 35.4 53.2#

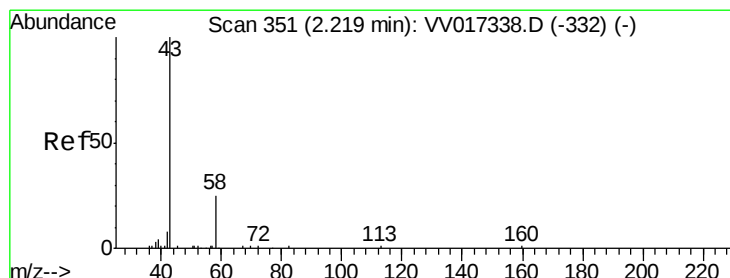
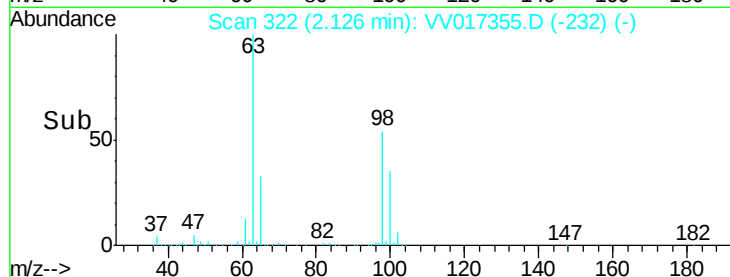
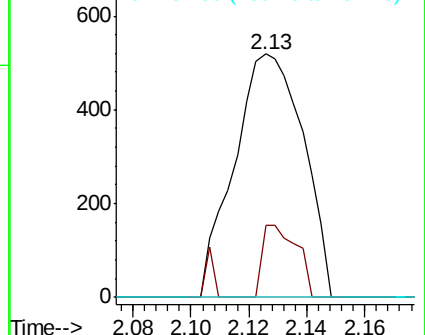
151 0.0 63.9 95.9#



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



#13

Acetone

Concen: 2.611 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV017355.D

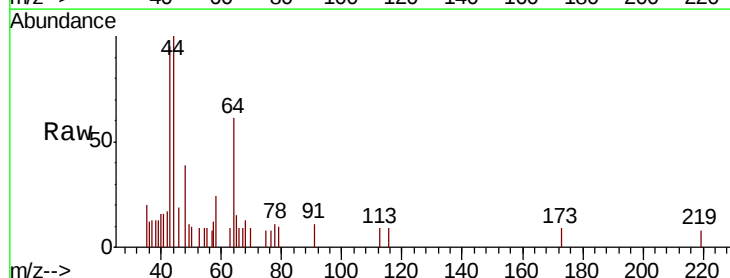
Acq: 06 Jul 2020 16:53

Tgt Ion: 43 Resp: 3350

Ion Ratio Lower Upper

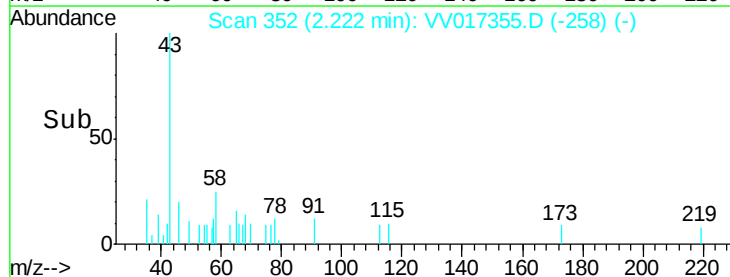
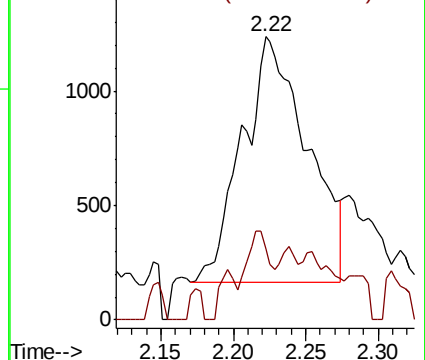
43 100

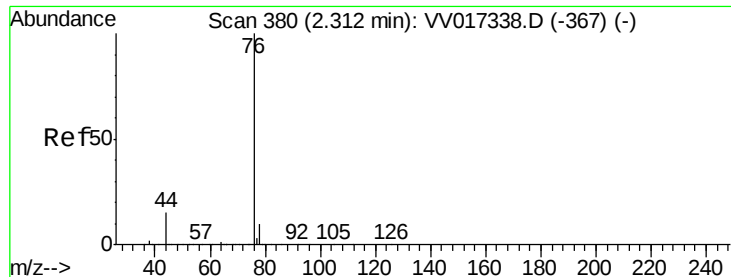
58 8.8 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.042 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV017355.D

Acq: 06 Jul 2020 16:53

Instrument :

MSVOA_V

ClientSampled :

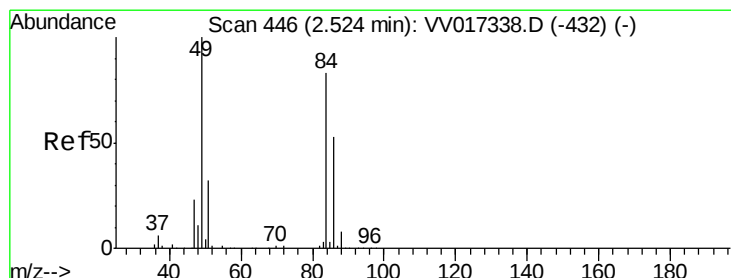
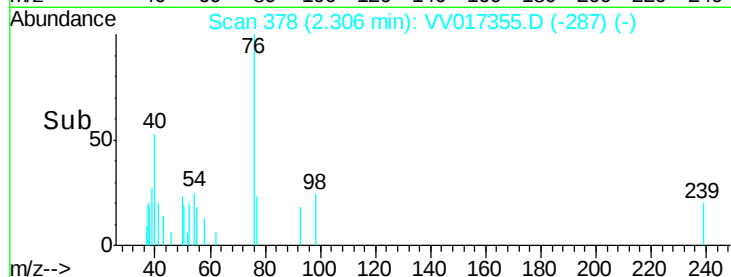
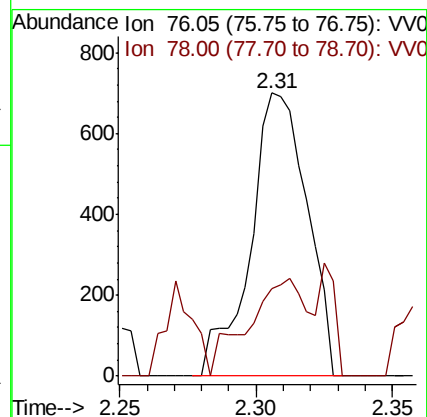
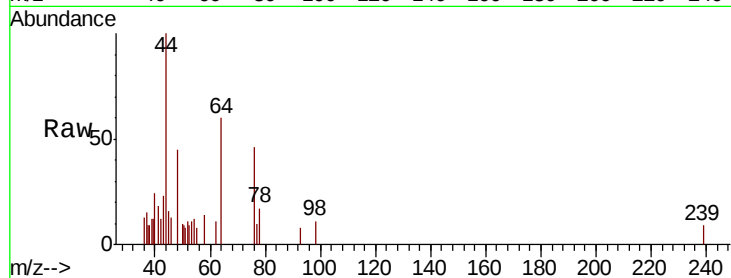
C0AH8DL

Tot Ion: 76 Resp: 1010

Ion Ratio Lower Upper

76 100

78 30.7 7.7 11.5#



#16

Methylene chloride

Concen: 0.311 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017355.D

Acq: 06 Jul 2020 16:53

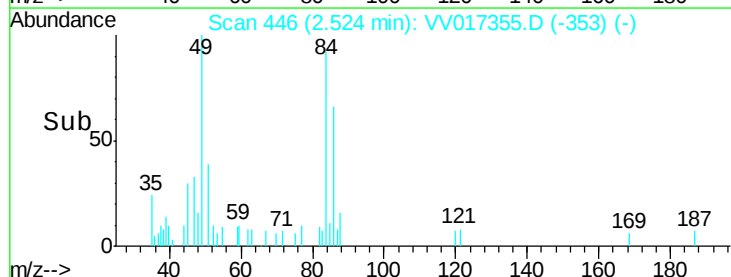
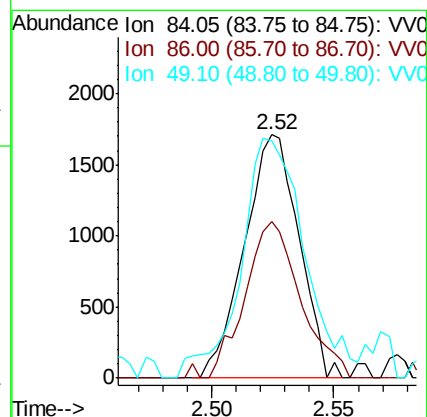
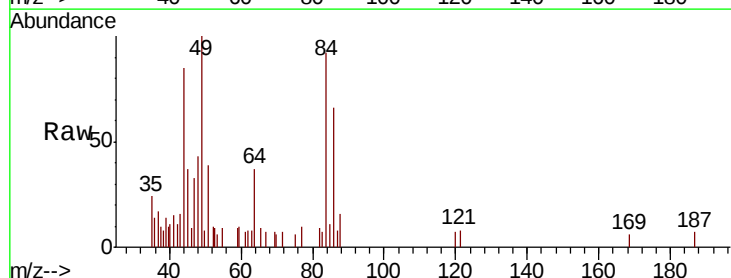
Tgt Ion: 84 Resp: 2654

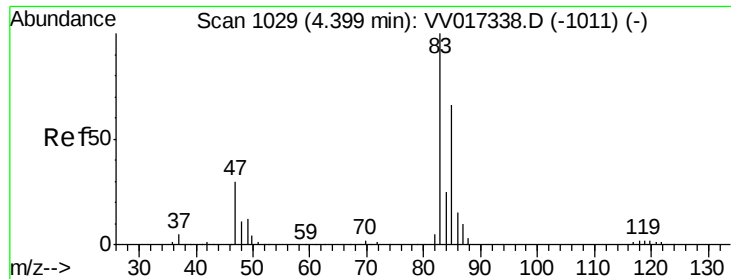
Ion Ratio Lower Upper

84 100

86 64.3 45.8 85.0

49 97.4 89.6 166.4

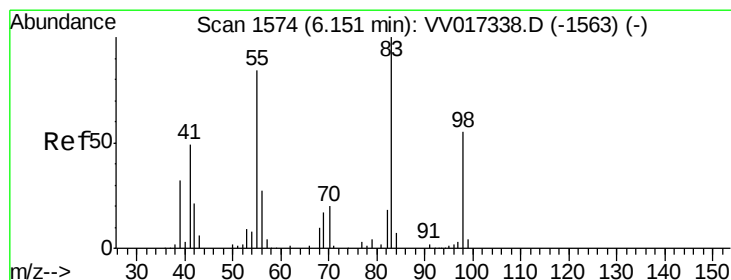
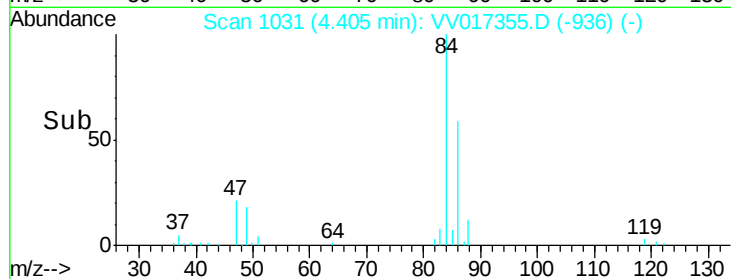
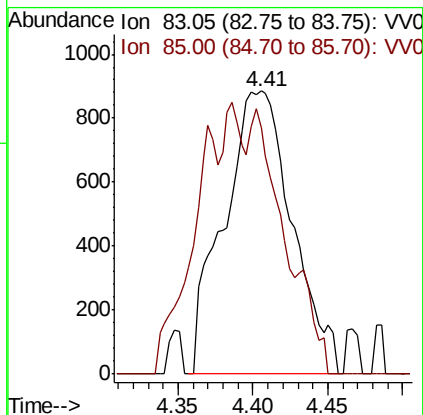
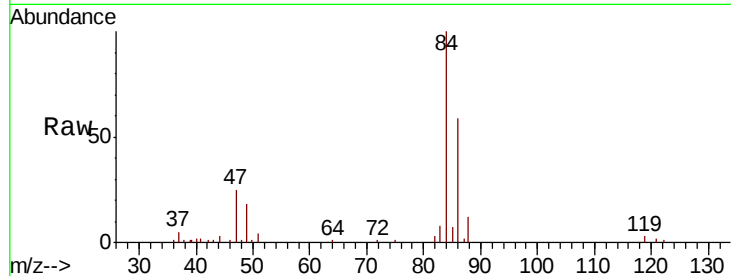




#25
Chloroform
Concen: 0.136 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

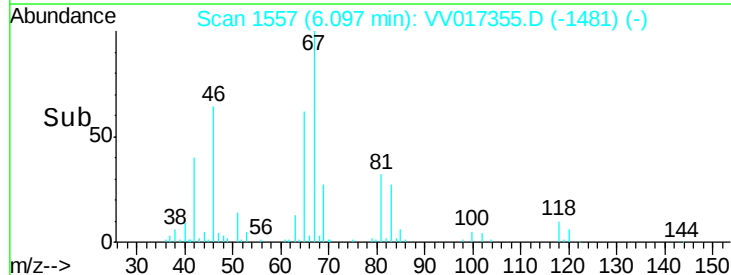
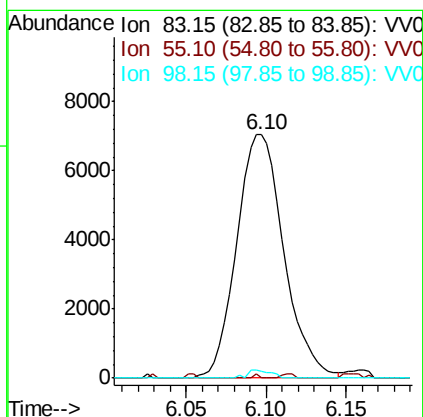
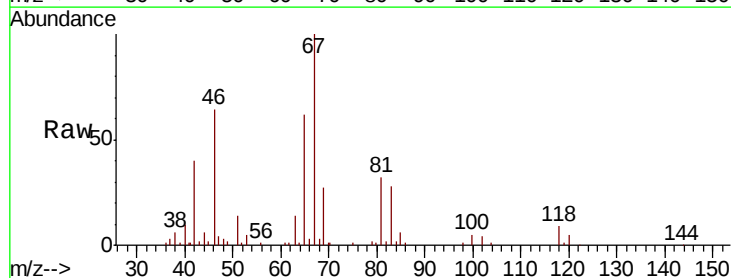
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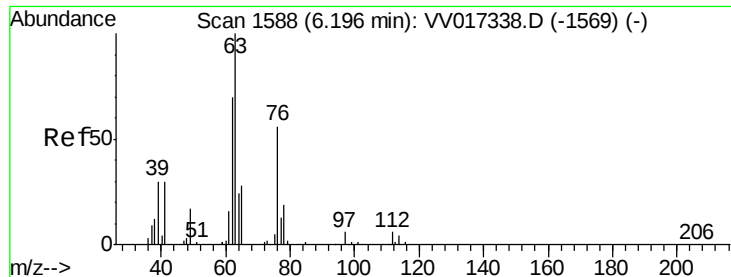
Tot Ion: 83 Resp: 2815
Ion Ratio Lower Upper
83 100
85 86.9 44.2 82.2#



#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

Tgt Ion: 83 Resp: 14218
Ion Ratio Lower Upper
83 100
55 0.1 63.6 95.4#
98 1.6 38.8 58.2#

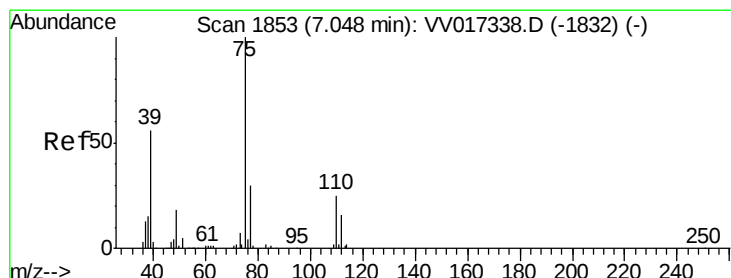
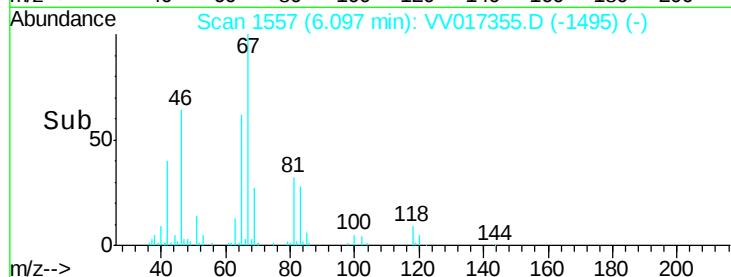
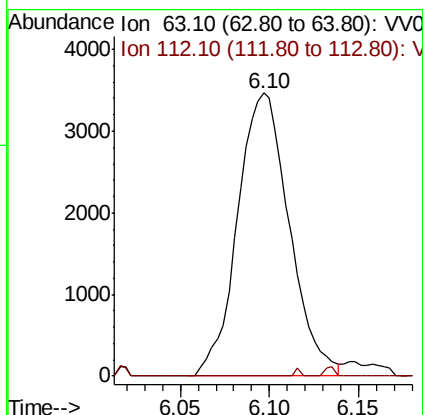
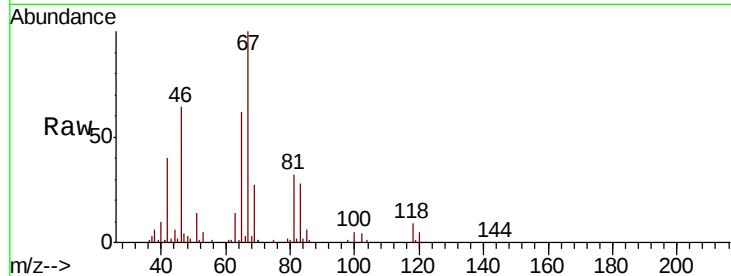




#37
 1,2-Dichloropropane
 Concen: 0.667 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017355.D
 Acq: 06 Jul 2020 16:53

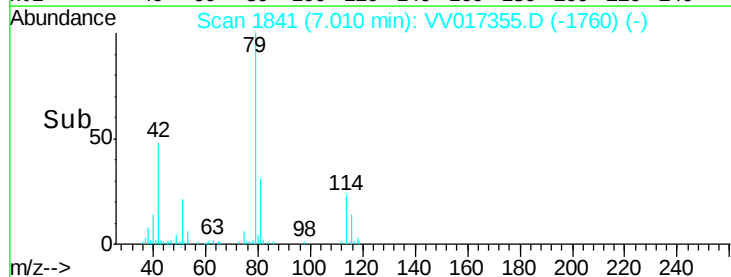
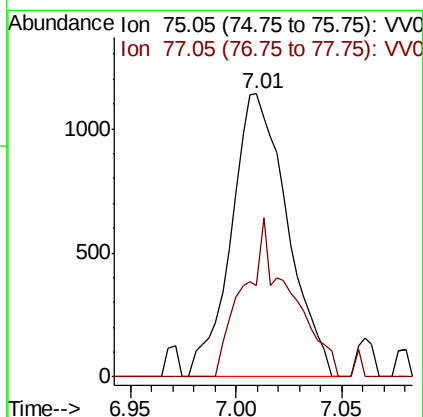
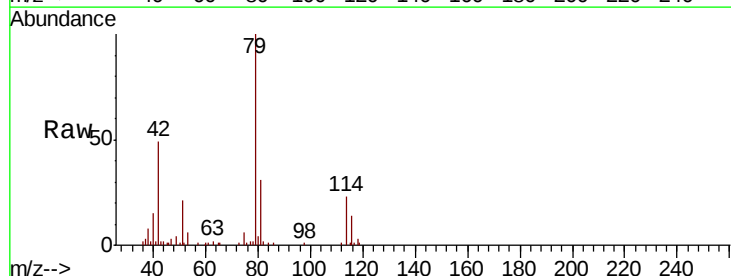
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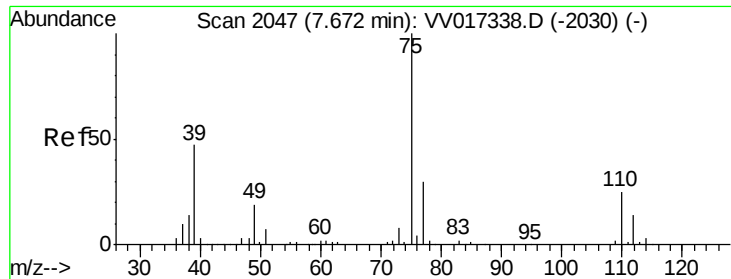
Tot Ion: 63 Resp: 7020
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.135 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017355.D
 Acq: 06 Jul 2020 16:53

Tgt Ion: 75 Resp: 2104
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.5

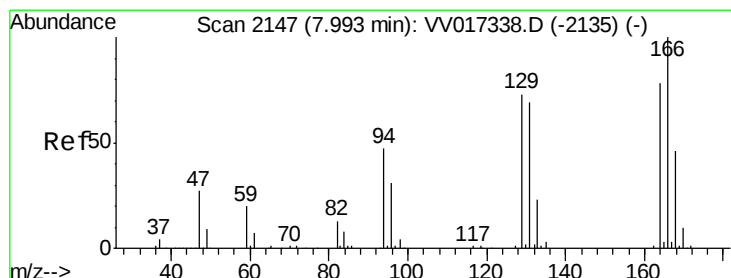
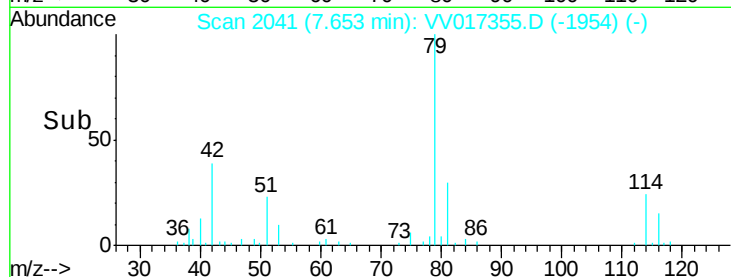
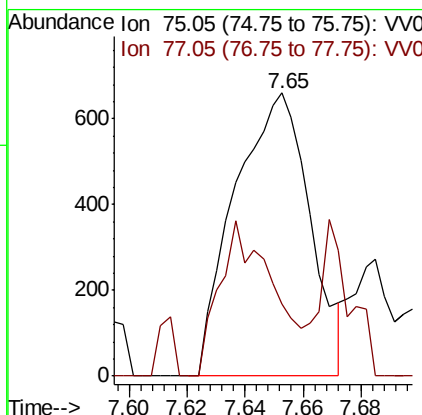
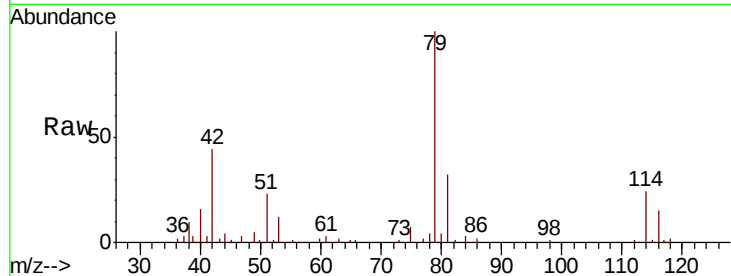




#46
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

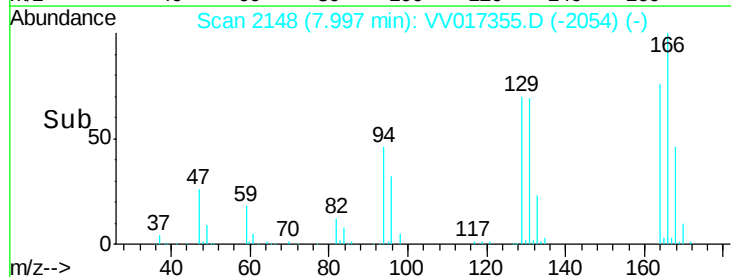
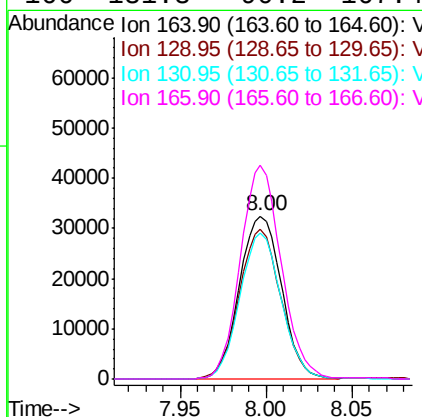
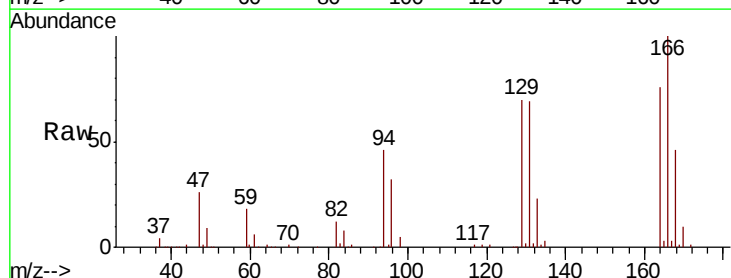
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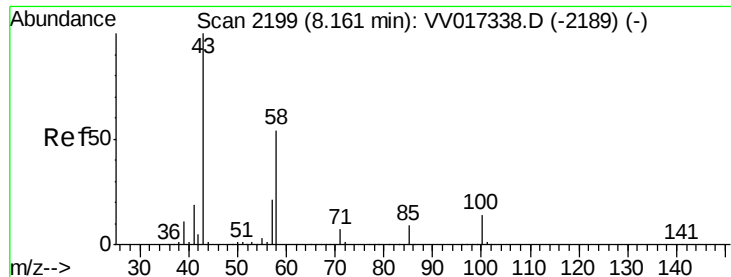
Tot Ion: 75 Resp: 1187
Ion Ratio Lower Upper
75 100
77 25.5 22.3 41.3



#49
Tetrachloroethene
Concen: 5.549 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

Tgt Ion: 164 Resp: 55575
Ion Ratio Lower Upper
164 100
129 91.8 65.2 121.0
131 90.0 64.1 119.1
166 131.3 90.2 167.4

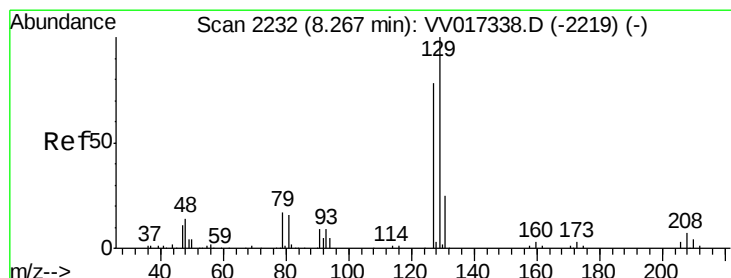
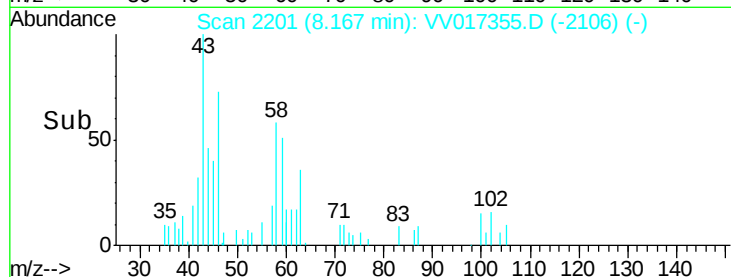
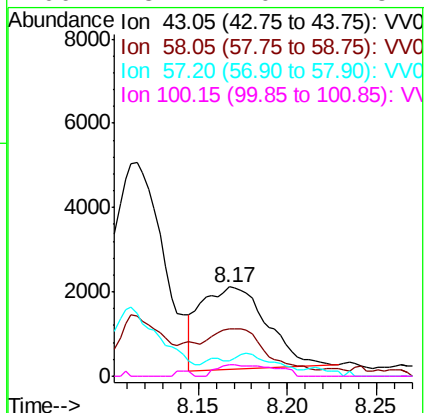
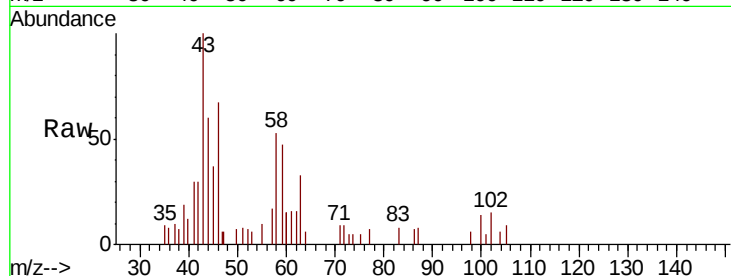




#50
2-Hexanone
Concen: 1.167 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

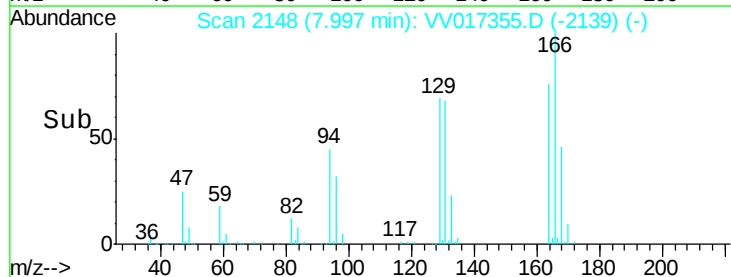
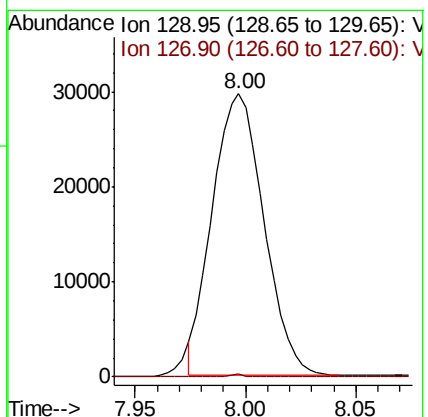
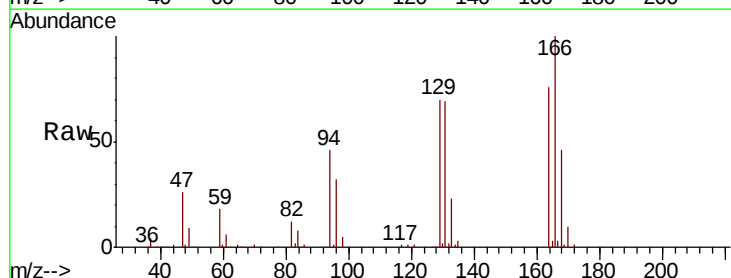
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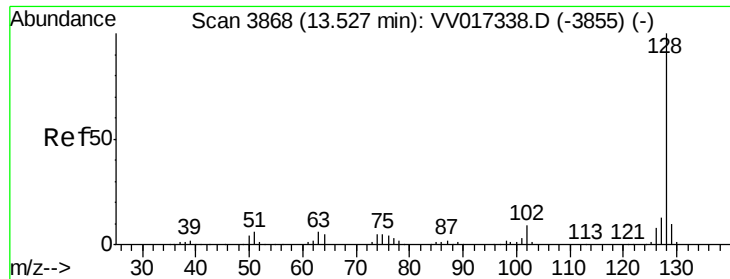
Tot Ion: 43 Resp: 5046
Ion Ratio Lower Upper
43 100
58 42.9 41.6 62.4
57 17.4 15.4 23.0
100 5.2 10.1 15.1#



#51
Dibromochloromethane
Concen: 5.302 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

Tgt Ion: 129 Resp: 47951
Ion Ratio Lower Upper
129 100
127 1.0 54.1 100.5#

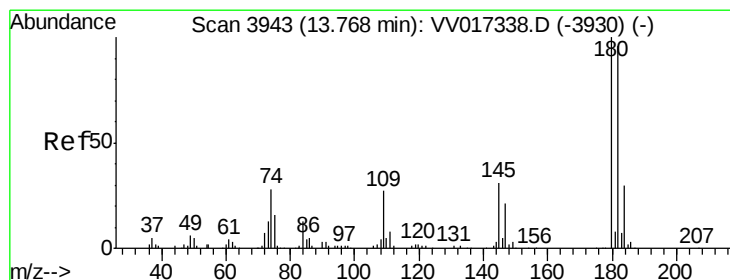
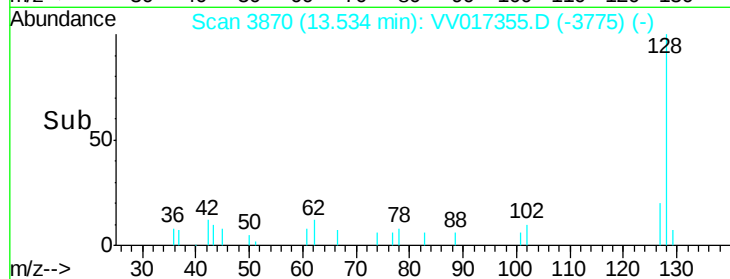
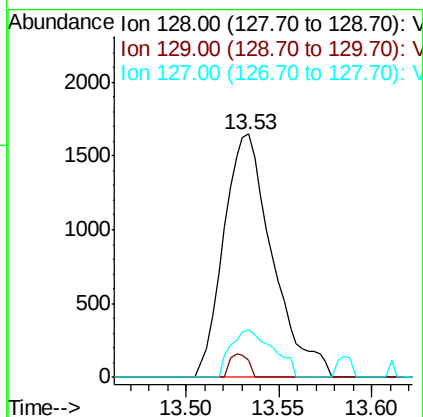
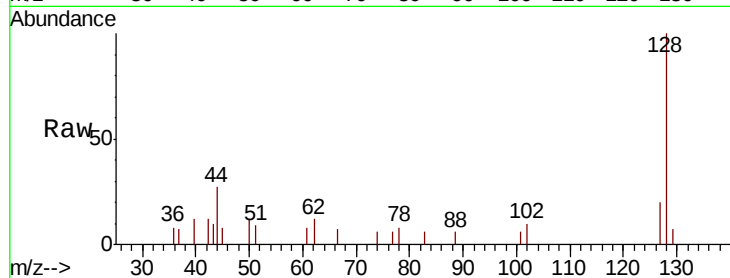




#70
Naphthalene
Concen: 0.134 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

Instrument :
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ClientSampleId :
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Tot Ion:128 Resp: 3002
Ion Ratio Lower Upper
128 100
129 3.6 8.8 13.2#
127 17.0 10.5 15.7#



#71
1,2,3-Trichlorobenzene
Concen: 0.096 ug/L
RT: 13.77 min Scan# 3945
Delta R.T. 0.01 min
Lab File: VV017355.D
Acq: 06 Jul 2020 16:53

Tgt Ion:180 Resp: 1233
Ion Ratio Lower Upper
180 100
182 114.0 77.4 116.0
145 26.0 25.9 38.9

