

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017335.D
 Acq On : 03 Jul 2020 03:01
 Operator : SY/MD
 Sample : L3154-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jul 03 06:22:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158002	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152736	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39687	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	33348	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	65162	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.95	46	93180	38.55	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.10%
24) Chloroform-d	4.38	84	90830	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	52519	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.08	84	165800	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.10	67	47930	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.80%
41) Toluene-d8	7.34	98	151029	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
45) trans-1,3-Dichloropropene-	7.64	79	19788	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
48) 2-Hexanone-d5	8.12	63	61087	32.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32974	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	59997	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

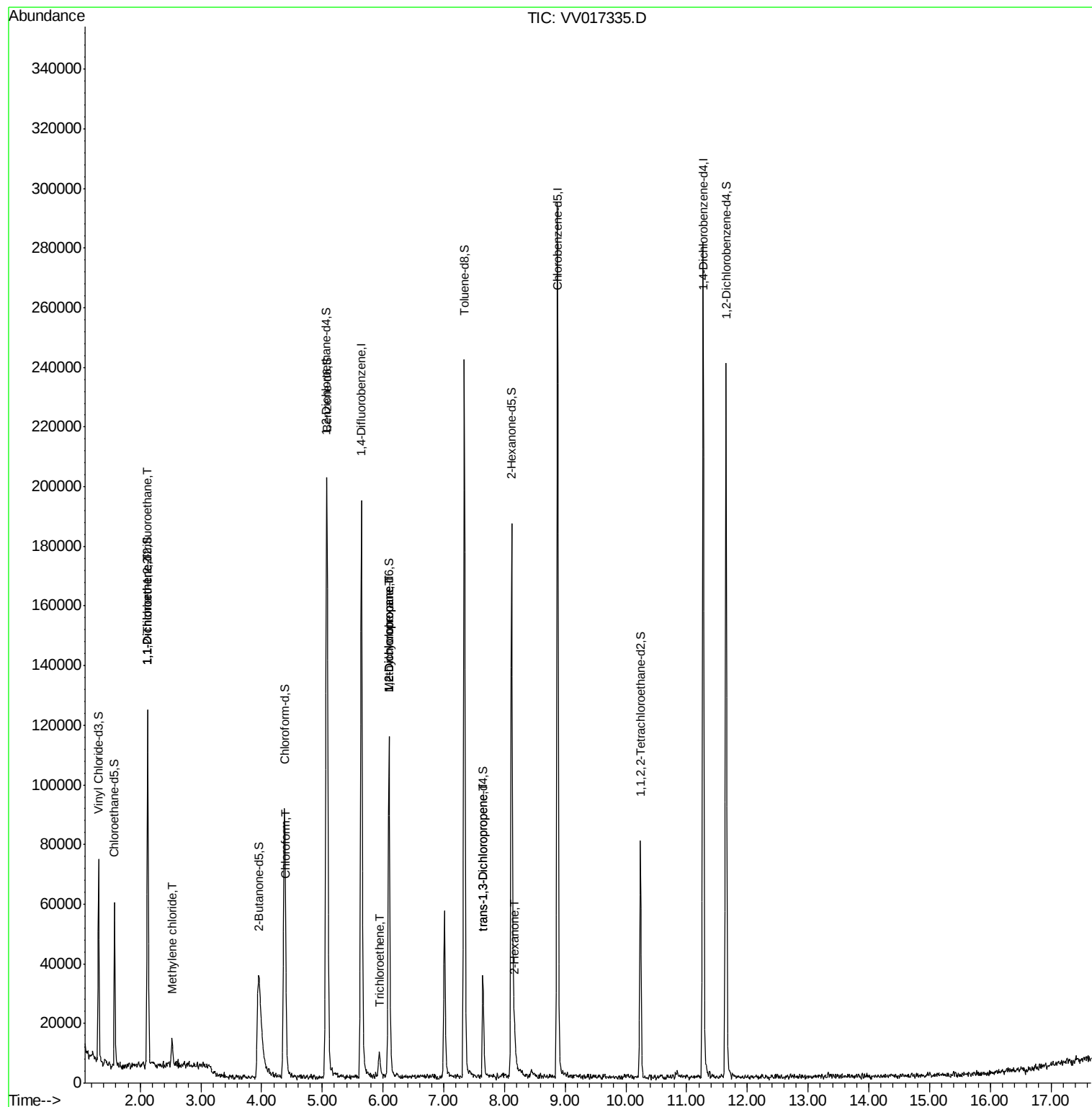
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	695	0.083	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	646	0.085	ug/L #	1
16) Methylene chloride	2.52	84	3859	0.475	ug/L	89
25) Chloroform	4.41	83	3036	0.154	ug/L	84
34) Trichloroethene	5.95	95	1592	0.136	ug/L	89
35) Methylcyclohexane	6.09	83	13269	0.729	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6465	0.653	ug/L #	86
46) trans-1,3-Dichloropropene	7.64	75	1133	0.089	ug/L	88
50) 2-Hexanone	8.17	43	6273	1.542	ug/L #	94

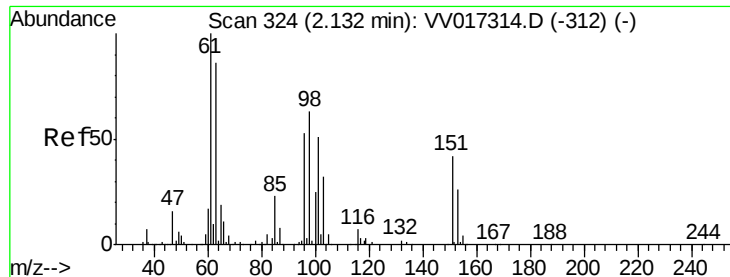
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017335.D

Acq: 03 Jul 2020 03:01

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

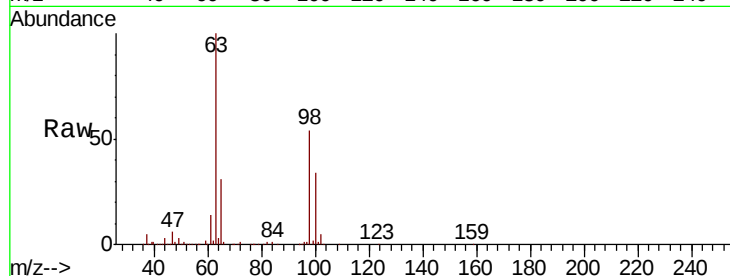
Tot Ion:101 Resp: 695

Ion Ratio Lower Upper

101 100

85 2.9 35.4 53.2#

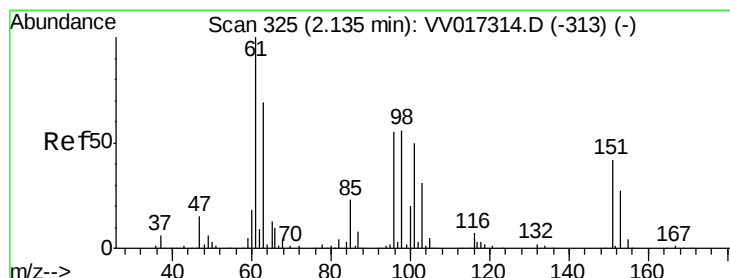
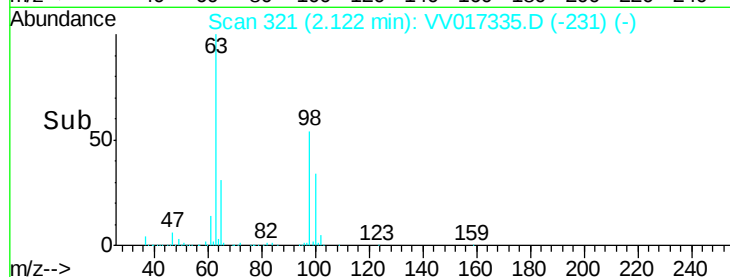
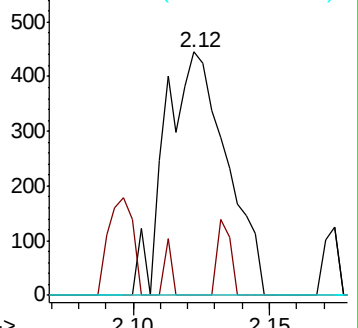
151 0.0 63.9 95.9#



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: 0.085 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017335.D

Acq: 03 Jul 2020 03:01

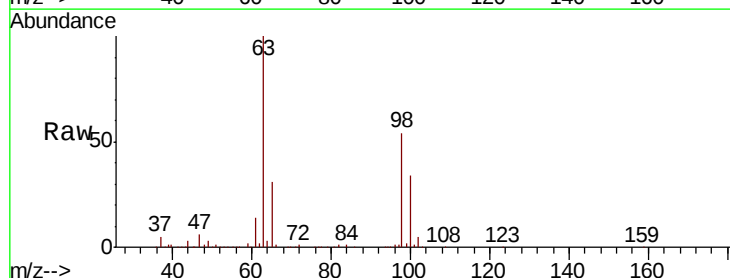
Tgt Ion: 96 Resp: 646

Ion Ratio Lower Upper

96 100

61 1639.1 125.0 232.2#

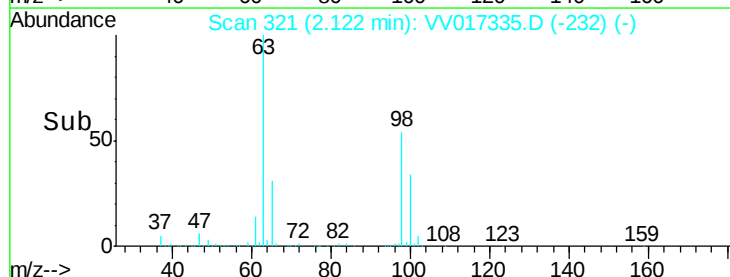
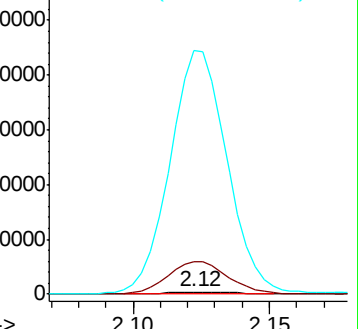
63 12082.6 109.8 203.8#

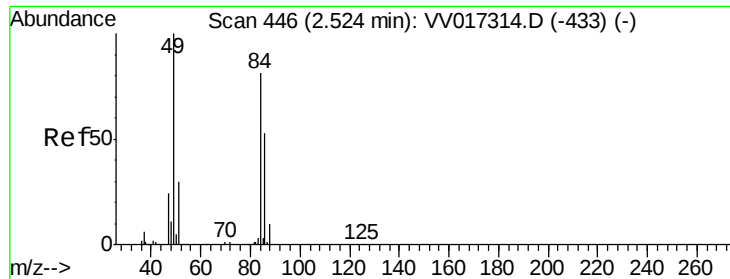


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

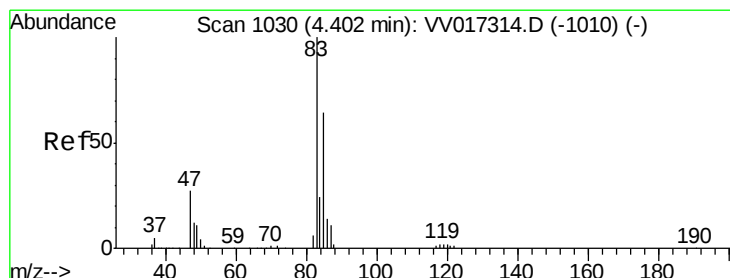
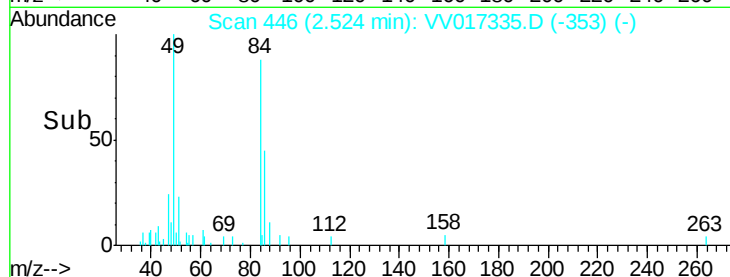
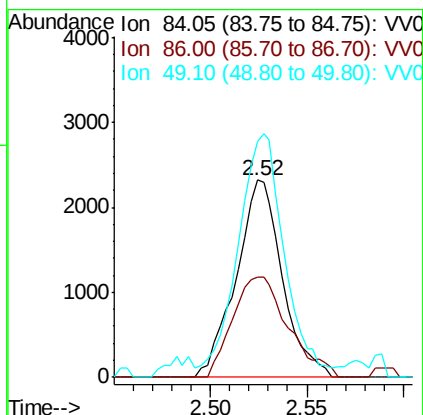
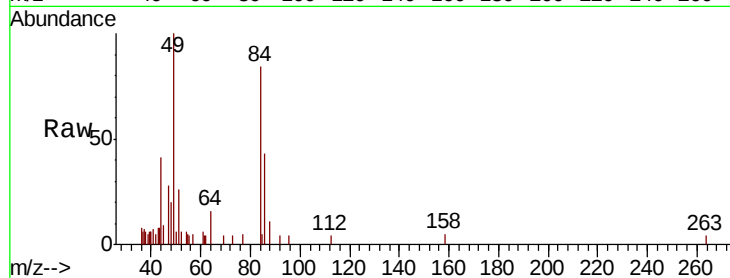




#16
Methvlene chloride
Concen: 0.475 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV017335.D
Acq: 03 Jul 2020 03:01

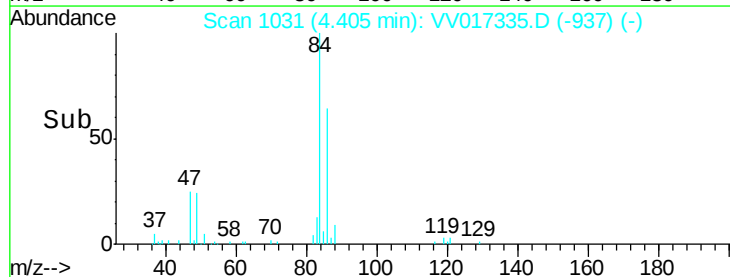
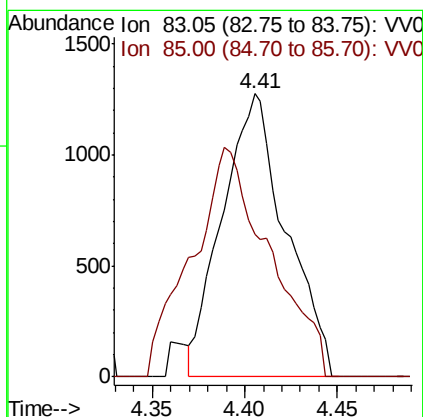
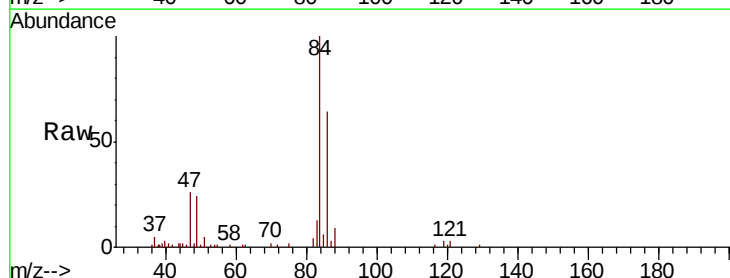
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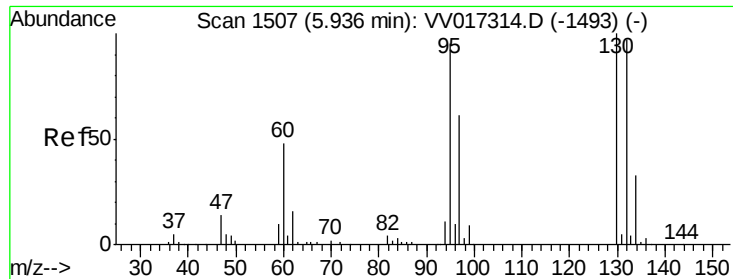
Tot Ion: 84 Resp: 3859
Ion Ratio Lower Upper
84 100
86 51.1 45.8 85.0
49 119.6 89.6 166.4



#25
Chloroform
Concen: 0.154 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017335.D
Acq: 03 Jul 2020 03:01

Tgt Ion: 83 Resp: 3036
Ion Ratio Lower Upper
83 100
85 50.6 44.2 82.2

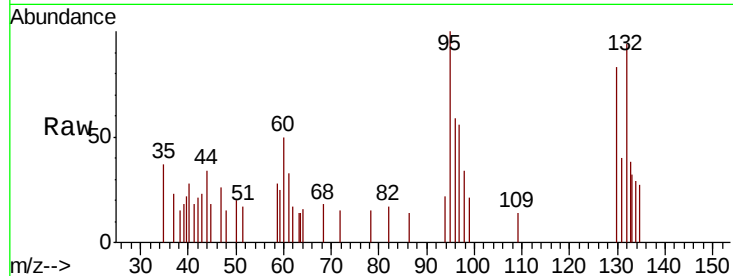




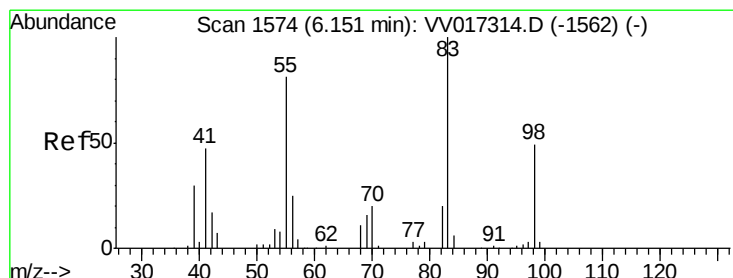
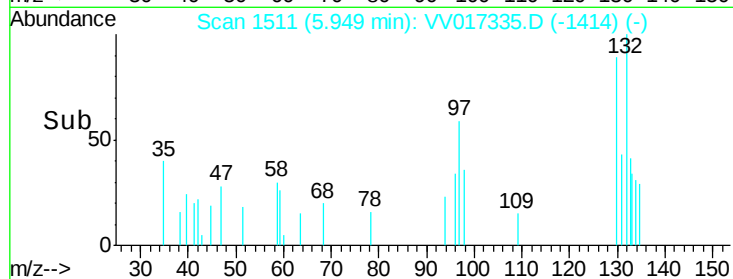
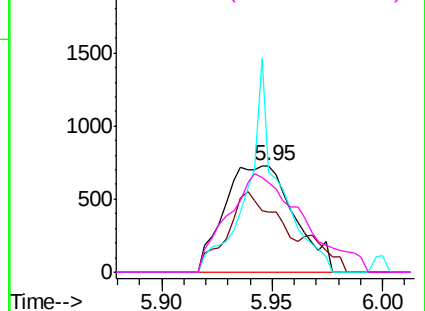
#34
 Trichloroethene
 Concen: 0.136 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV017335.D
 Acq: 03 Jul 2020 03:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion: 95 Resp: 1592
 Ion Ratio Lower Upper
 95 100
 97 55.8 45.3 84.1
 132 94.0 68.8 127.8
 130 83.4 70.2 130.4

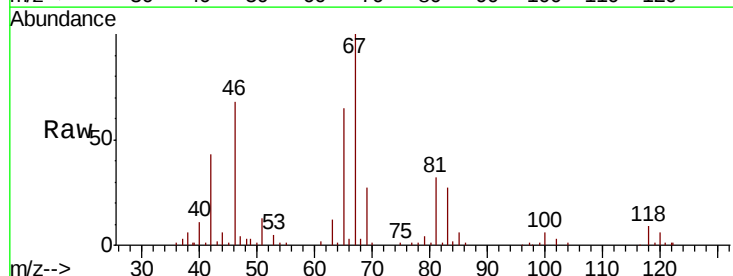


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

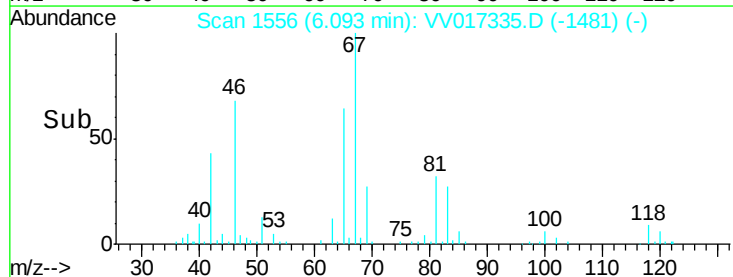
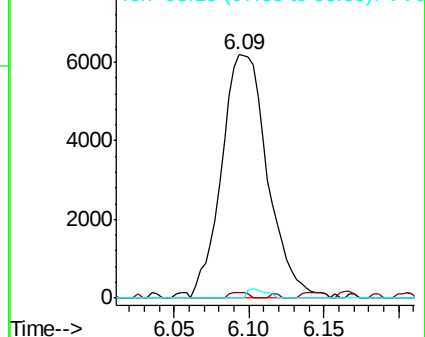


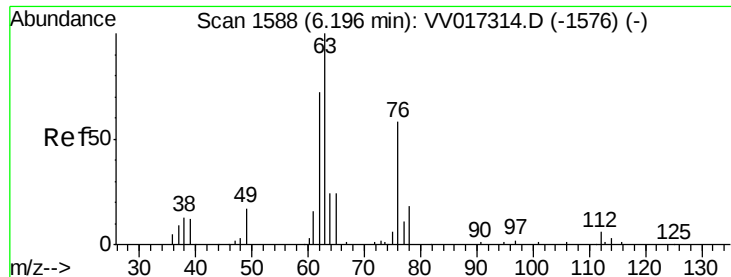
#35
 Methylcyclohexane
 Concen: 0.729 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV017335.D
 Acq: 03 Jul 2020 03:01

Tgt Ion: 83 Resp: 13269
 Ion Ratio Lower Upper
 83 100
 55 1.0 63.6 95.4#
 98 1.5 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

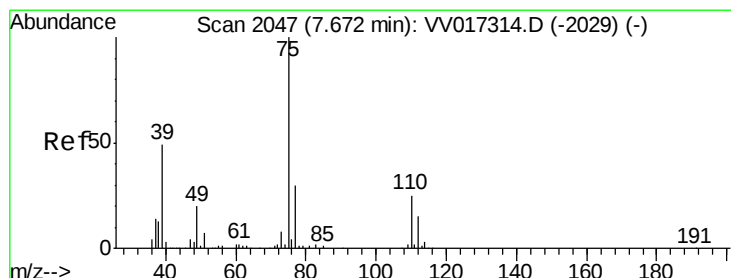
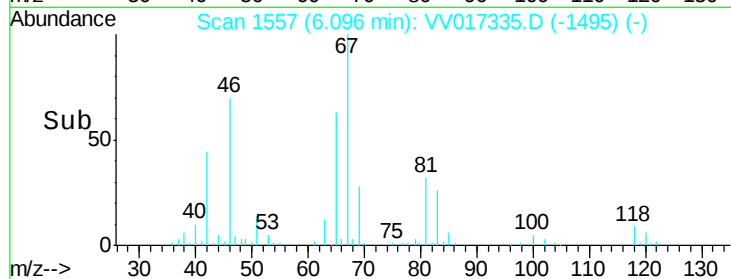
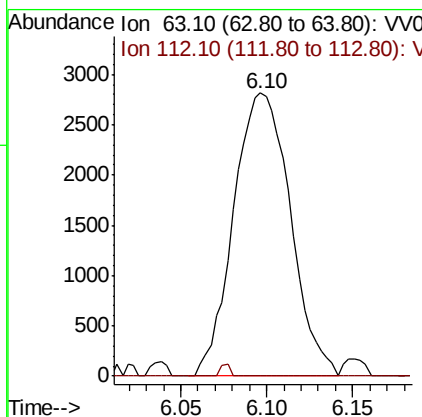
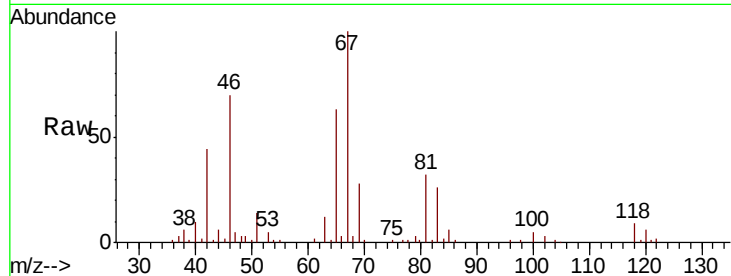




#37
 1,2-Dichloropropane
 Concen: 0.653 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017335.D
 Acq: 03 Jul 2020 03:01

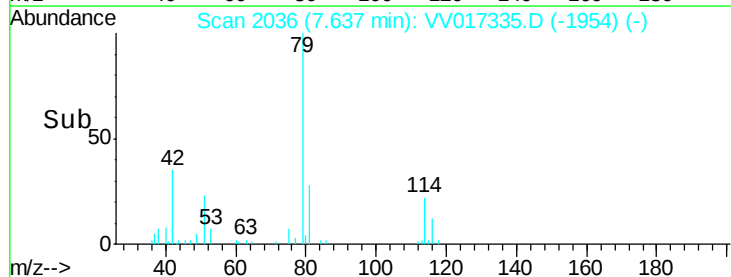
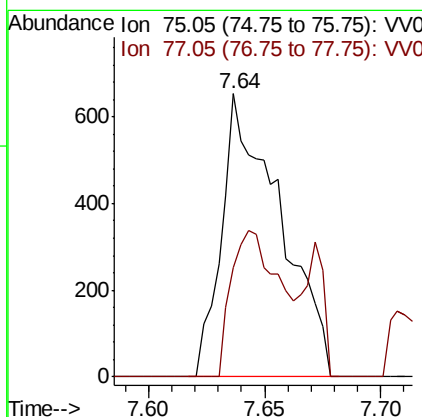
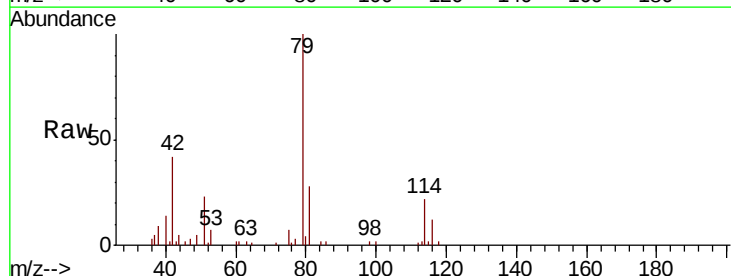
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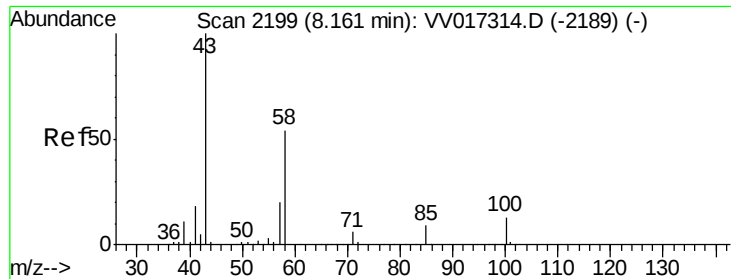
Tot Ion: 63 Resp: 6465
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. -0.04 min
 Lab File: VV017335.D
 Acq: 03 Jul 2020 03:01

Tgt Ion: 75 Resp: 1133
 Ion Ratio Lower Upper
 75 100
 77 38.7 22.3 41.3





#50
 2-Hexanone
 Concen: 1.542 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV017335.D
 Acq: 03 Jul 2020 03:01

Instrument :
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Tot Ion: 43 Resp: 6273
 Ion Ratio Lower Upper
 43 100
 58 49.5 41.6 62.4
 57 16.5 15.4 23.0
 100 7.3 10.1 15.1#

