

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017302.D
 Acq On : 02 Jul 2020 11:48
 Operator : SY/MD
 Sample : L3150-09DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ4DL

Quant Time: Jul 03 01:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167374	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163000	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46866	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	35894	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	74547	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.92	46	104163	40.69	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.38%
24) Chloroform-d	4.38	84	100186	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	53076	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.08	84	187716	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.10	67	53446	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.34	98	164759	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.64	79	20379	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
48) 2-Hexanone-d5	8.11	63	64973	32.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35193	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	62161	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

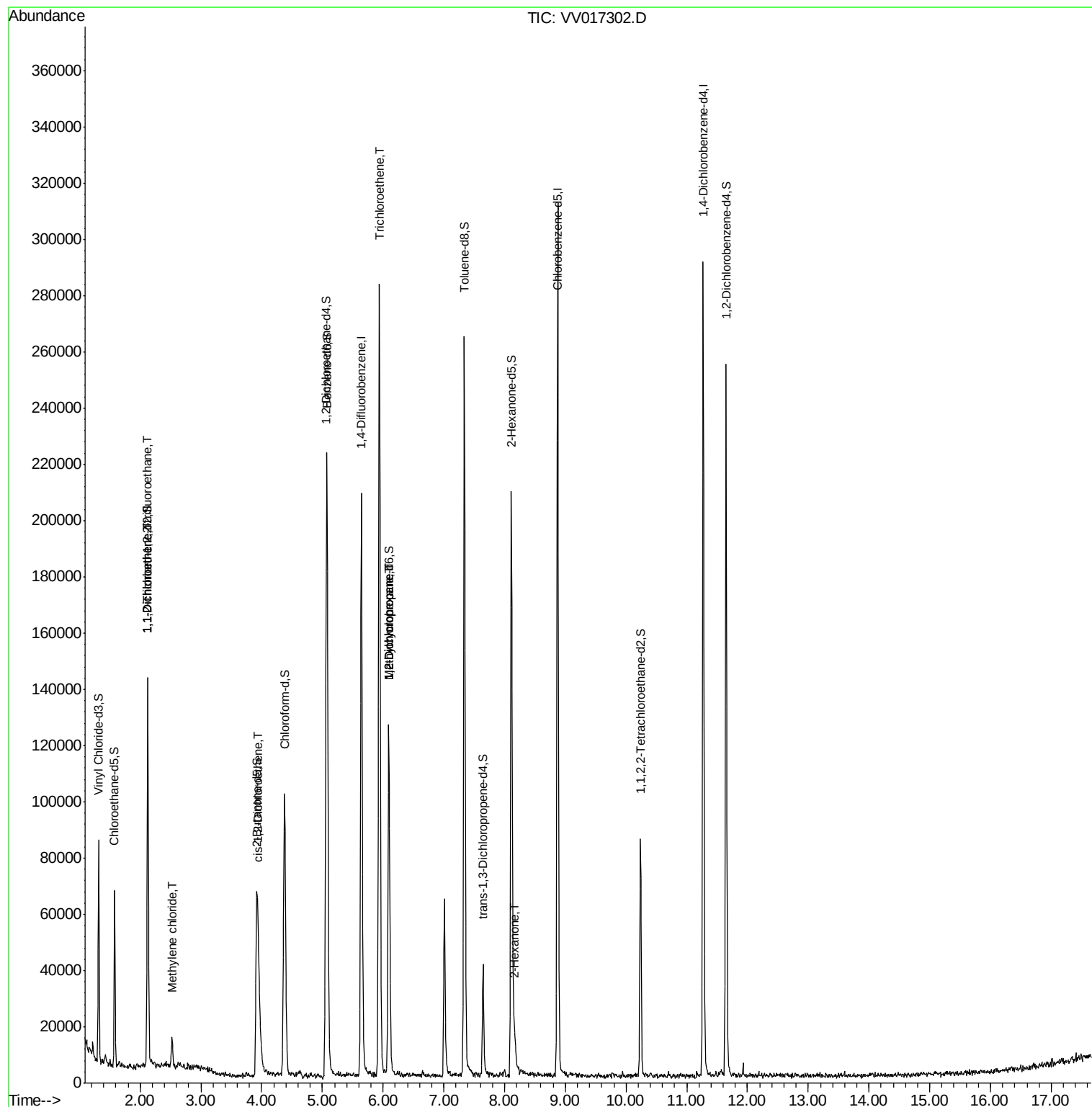
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	787	0.089 ug/L #	31
12) 1,1-Dichloroethene	2.13	96	889	0.111 ug/L #	1
16) Methylene chloride	2.53	84	4114	0.478 ug/L	90
22) cis-1,2-Dichloroethene	3.95	96	3698	0.318 ug/L	99
34) Trichloroethene	5.94	95	93984	7.519 ug/L	95
35) Methylcyclohexane	6.10	83	13622	0.701 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7142	0.676 ug/L #	86
50) 2-Hexanone	8.17	43	7483	1.723 ug/L #	84

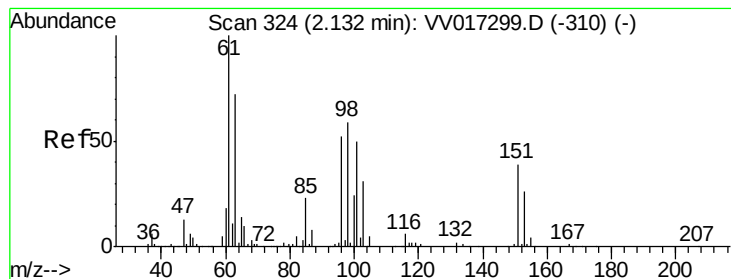
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#10

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

Concen: 0.089 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017302.D

Acq: 02 Jul 2020 11:48

Instrument :

MSVOA_V

ClientSampleId :

ETYJ4DL

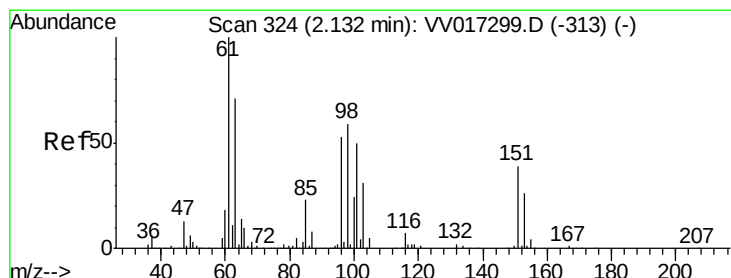
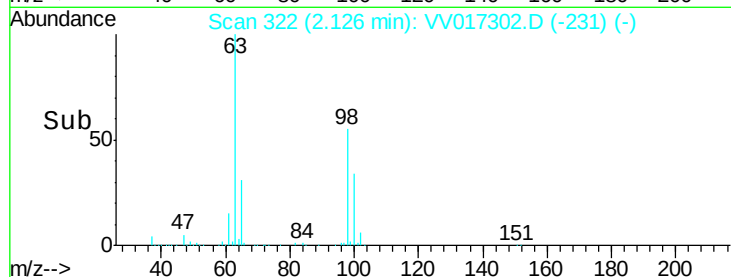
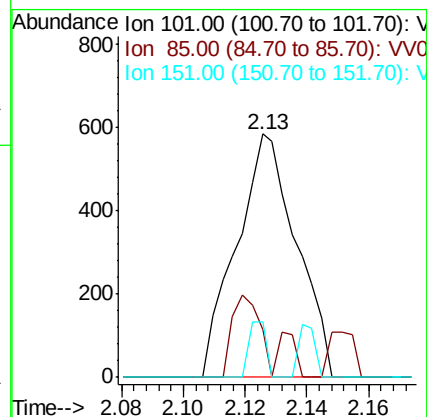
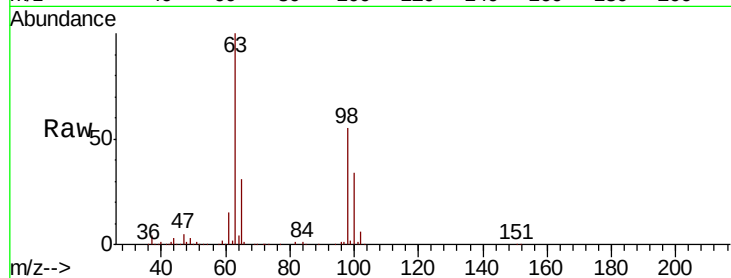
Tot Ion:101 Resp: 787

Ion Ratio Lower Upper

101 100

85 15.4 35.4 53.2#

151 6.5 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017302.D

Acq: 02 Jul 2020 11:48

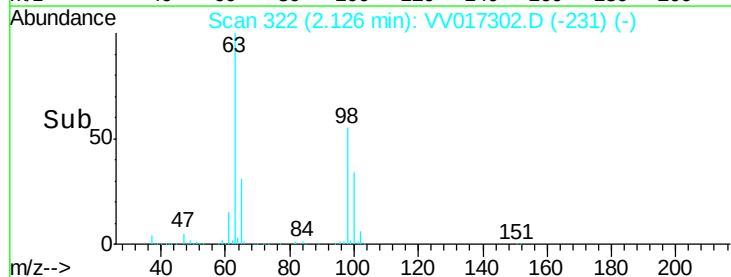
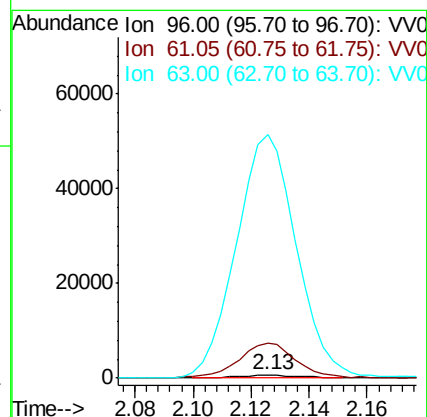
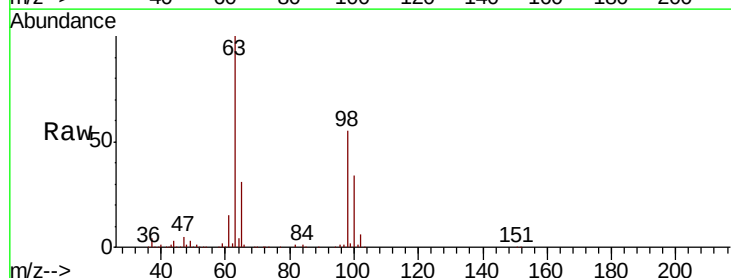
Tgt Ion: 96 Resp: 889

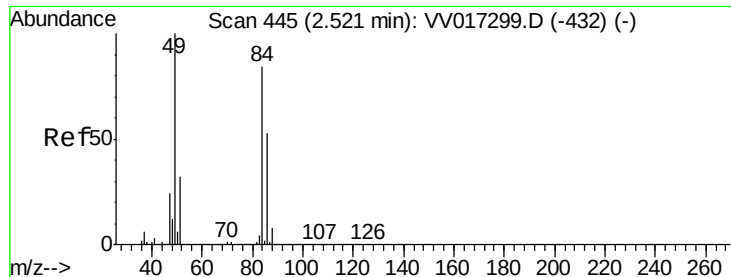
Ion Ratio Lower Upper

96 100

61 1141.5 125.0 232.2#

63 7839.0 109.8 203.8#

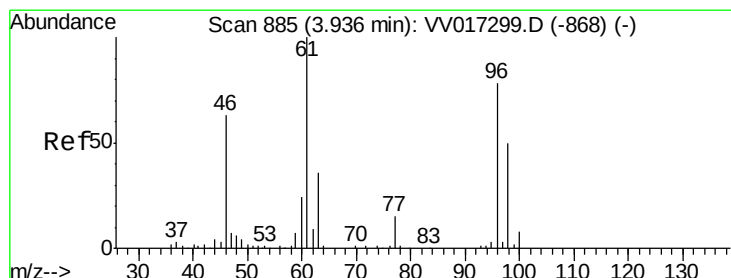
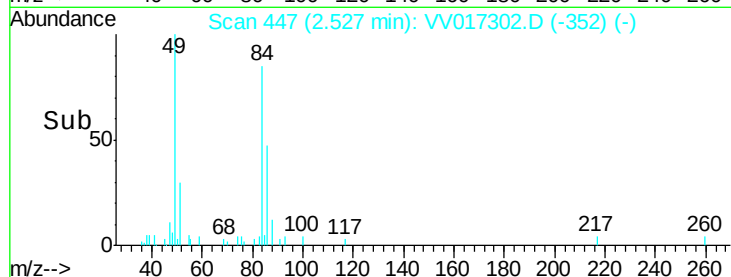
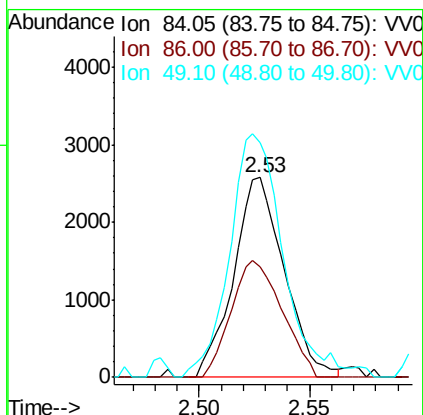
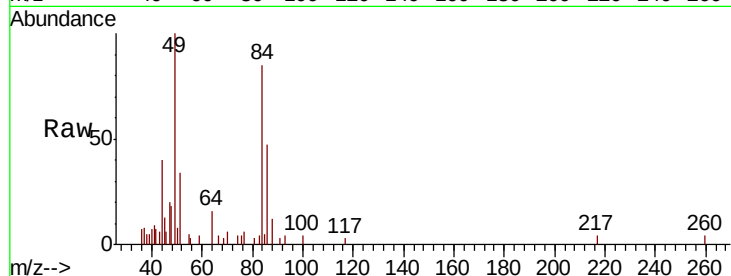




#16
Methylene chloride
Concen: 0.478 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017302.D
Acq: 02 Jul 2020 11:48

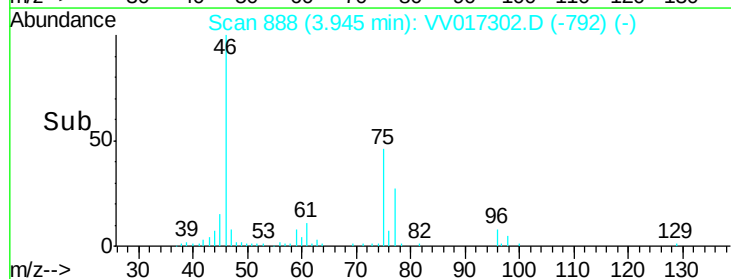
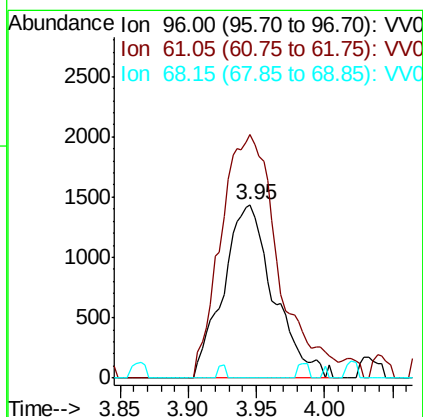
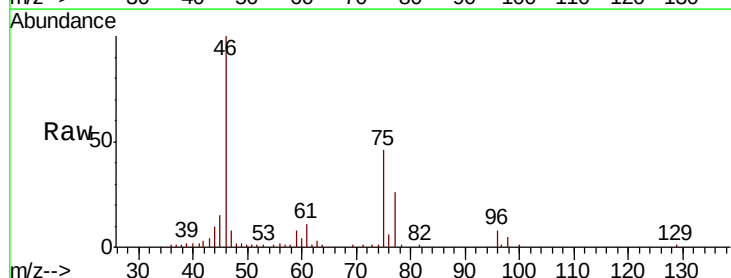
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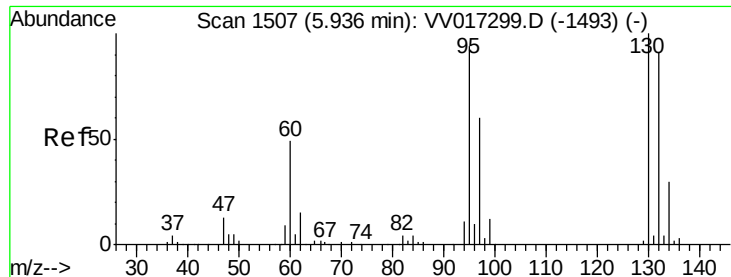
Tot Ion: 84 Resp: 4114
Ion Ratio Lower Upper
84 100
86 55.4 45.8 85.0
49 117.6 89.6 166.4



#22
cis-1,2-Dichloroethene
Concen: 0.318 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV017302.D
Acq: 02 Jul 2020 11:48

Tgt Ion: 96 Resp: 3698
Ion Ratio Lower Upper
96 100
61 130.6 91.0 169.0
68 0.0 0.0 0.0

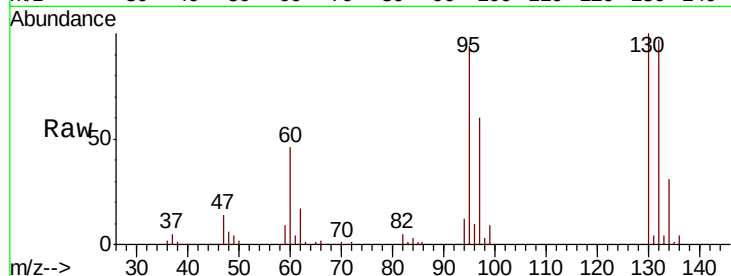




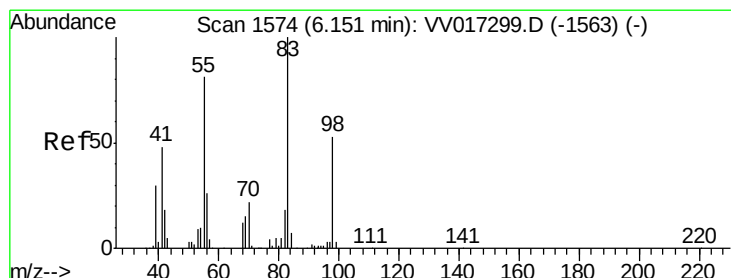
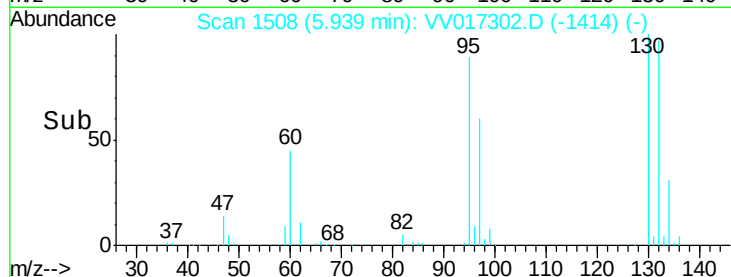
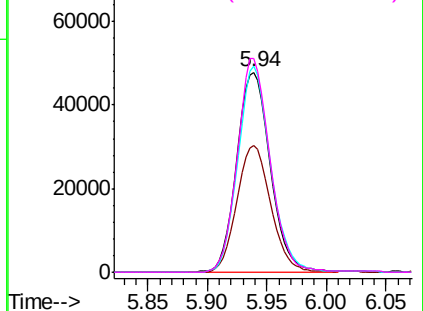
#34
 Trichloroethene
 Concen: 7.519 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017302.D
 Acq: 02 Jul 2020 11:48

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ4DL

Tot Ion: 95 Resp: 93984
 Ion Ratio Lower Upper
 95 100
 97 63.7 45.3 84.1
 132 103.2 68.8 127.8
 130 106.8 70.2 130.4

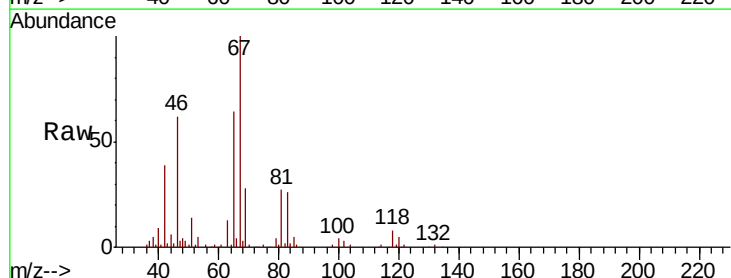


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

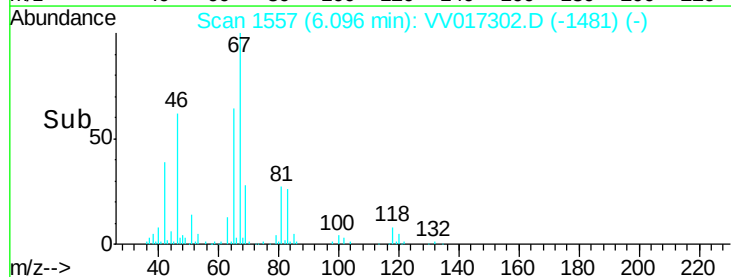
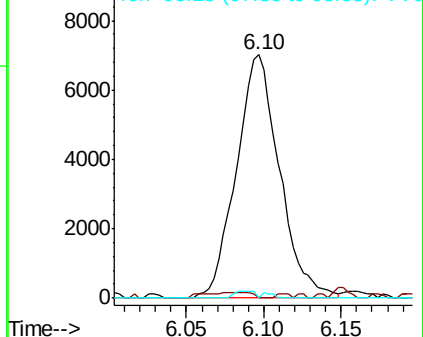


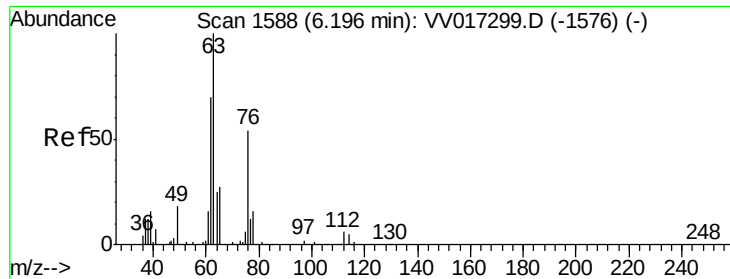
#35
 Methylcyclohexane
 Concen: 0.701 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017302.D
 Acq: 02 Jul 2020 11:48

Tgt Ion: 83 Resp: 13622
 Ion Ratio Lower Upper
 83 100
 55 0.5 63.6 95.4#
 98 1.3 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

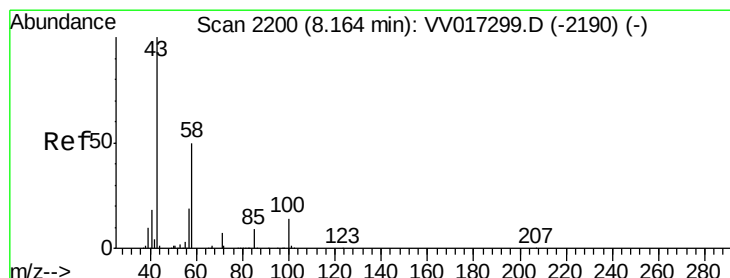
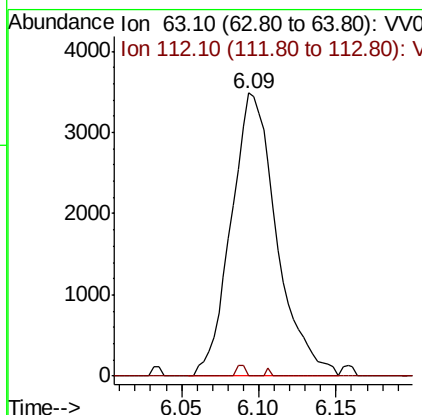
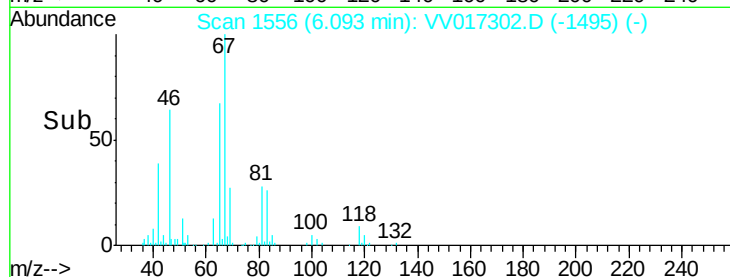
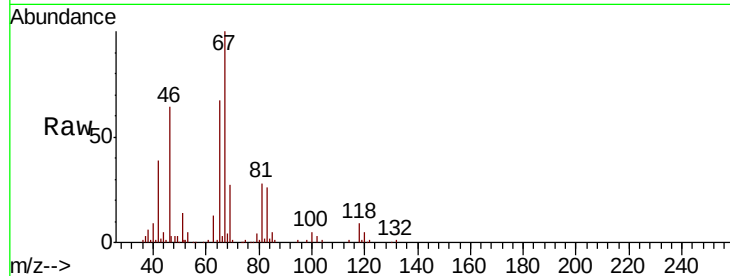




#37
 1,2-Dichloropropane
 Concen: 0.676 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017302.D
 Acq: 02 Jul 2020 11:48

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Tot Ion: 63 Resp: 7142
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.4 6.6#



#50
 2-Hexanone
 Concen: 1.723 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV017302.D
 Acq: 02 Jul 2020 11:48

Tgt Ion: 43 Resp: 7483
 Ion Ratio Lower Upper
 43 100
 58 41.9 41.6 62.4
 57 6.6 15.4 23.0#
 100 11.2 10.1 15.1

