

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\
 Data File : VV016117.D
 Acq On : 19 May 2020 12:34
 Operator : SY/MD
 Sample : L2711-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 20 01:22:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147973	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145883	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36649	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	38804	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	58233	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.98	46	133706	58.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.78%
24) Chloroform-d	4.38	84	89654	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	51710	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	170585	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	54952	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	147636	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
45) trans-1,3-Dichloropropene-	7.65	79	19308	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
48) 2-Hexanone-d5	8.12	63	100388	54.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40312	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	57680	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

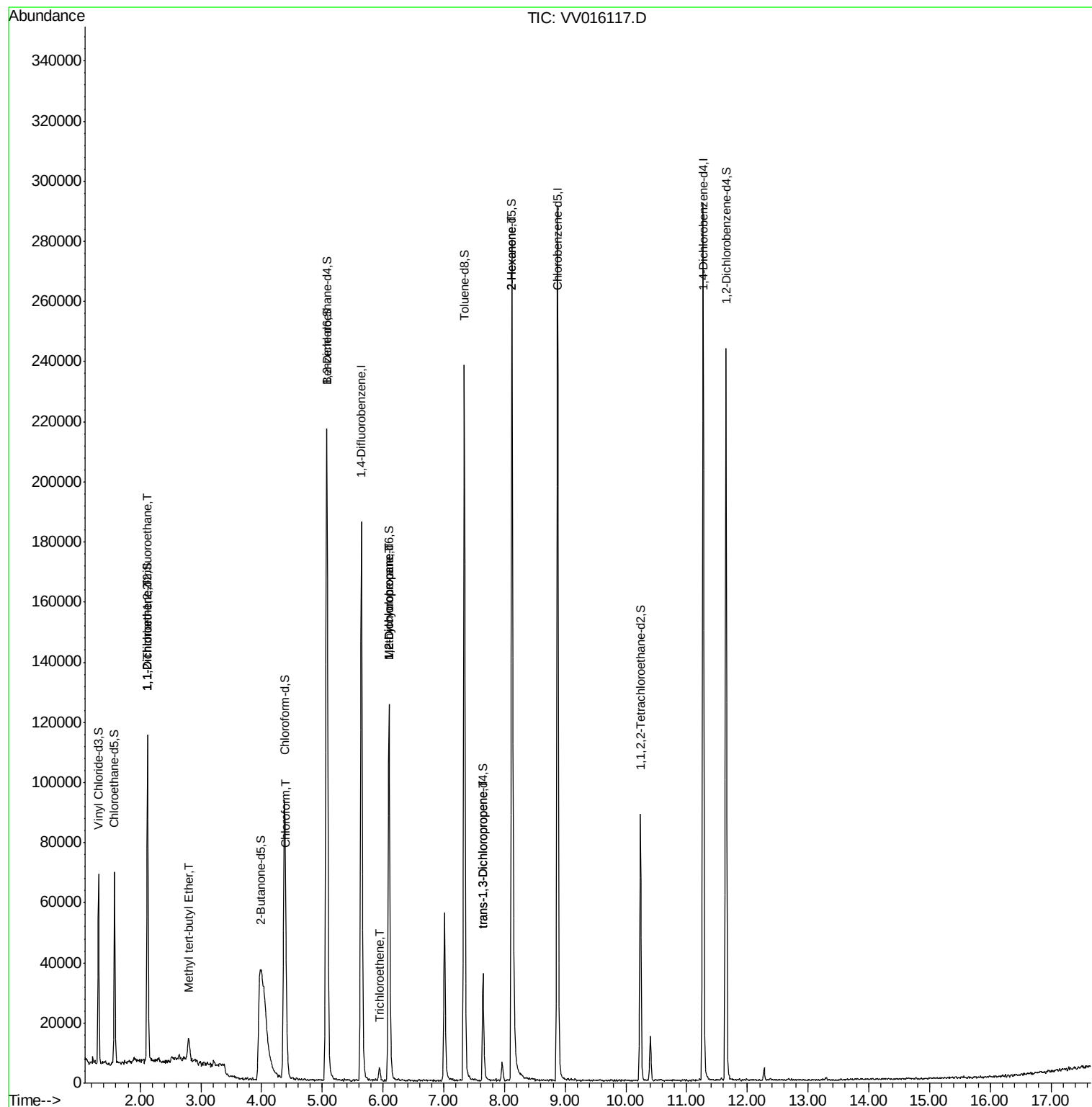
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	607	0.071	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	660	0.081	ug/L #	1
17) Methyl tert-butyl Ether	2.80	73	8047	0.380	ug/L #	92
25) Chloroform	4.41	83	16344	0.856	ug/L	92
34) Trichloroethene	5.94	95	1405	0.134	ug/L	86
35) Methylcyclohexane	6.10	83	13754	0.868	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6847	0.734	ug/L #	87
46) trans-1,3-Dichloropropene	7.64	75	890	0.080	ug/L	87
50) 2-Hexanone	8.12	43	16599	4.039	ug/L #	73

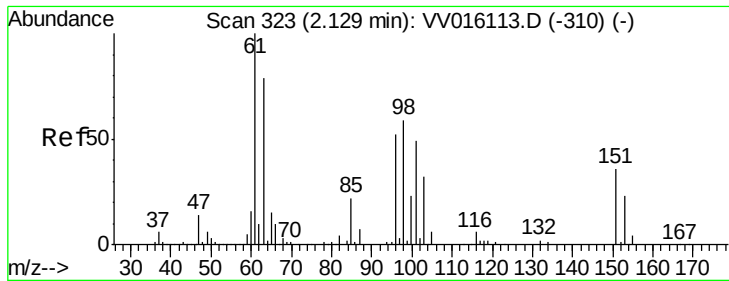
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 20 01:20:41 2020
Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016117.D

Acq: 19 May 2020 12:34

Instrument :

MSVOA_V

ClientSampled :

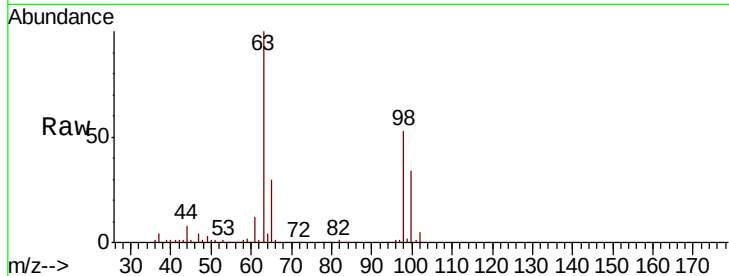
Tot Ion:101 Resp: 607

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

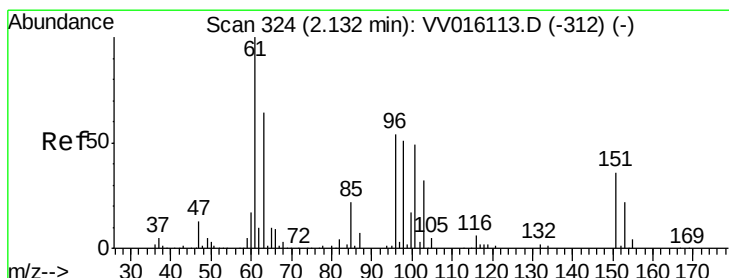
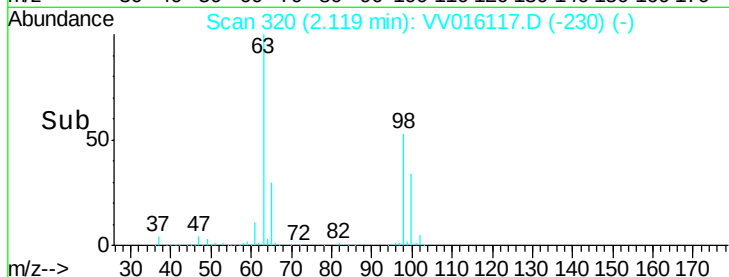
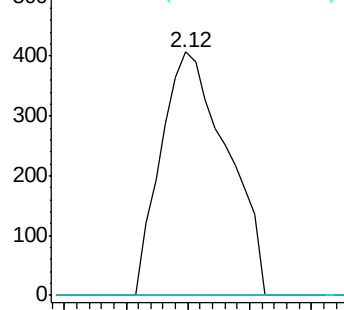
151 0.0 58.0 87.0#



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: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016117.D

Acq: 19 May 2020 12:34

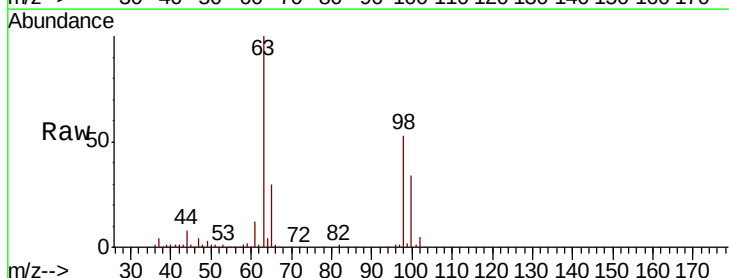
Tgt Ion: 96 Resp: 660

Ion Ratio Lower Upper

96 100

61 1292.0 139.9 259.7#

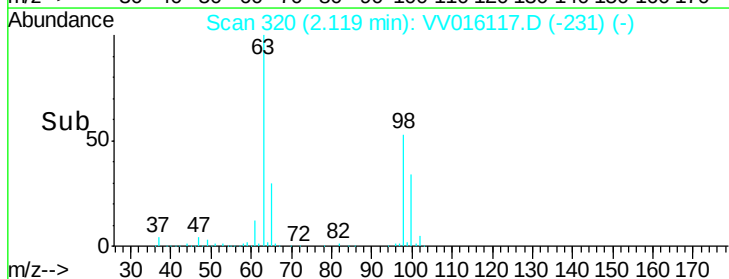
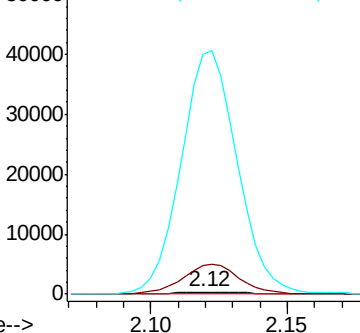
63 11039.1 106.4 197.6#

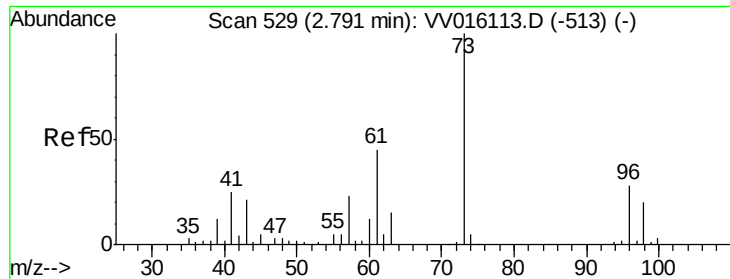


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

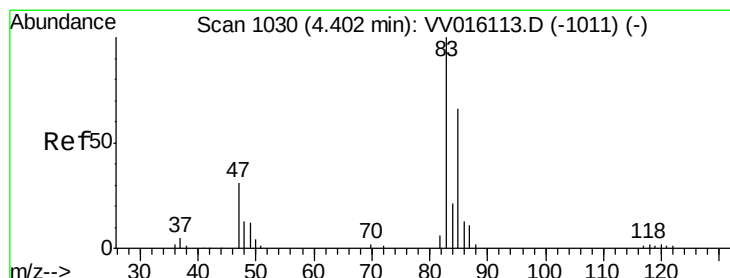
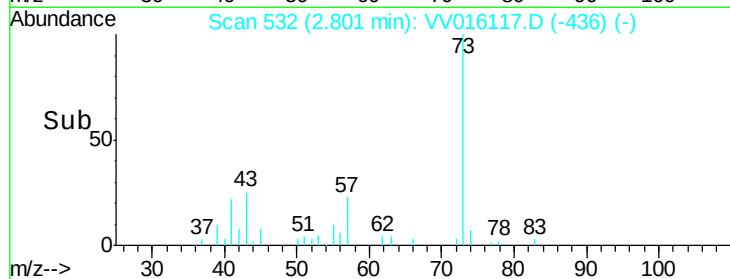
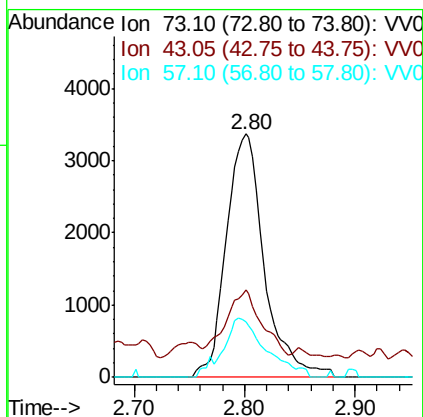
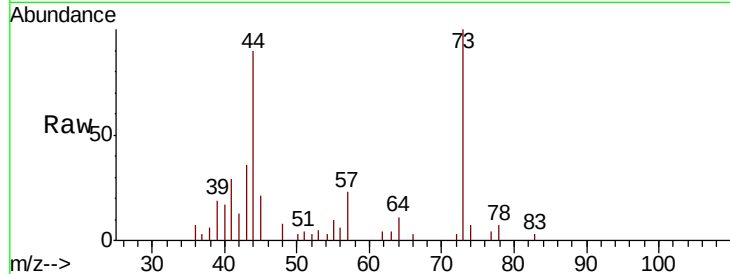




#17
Methyl tert-butyl Ether
Concen: 0.380 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.01 min
Lab File: VV016117.D
Acq: 19 May 2020 12:34

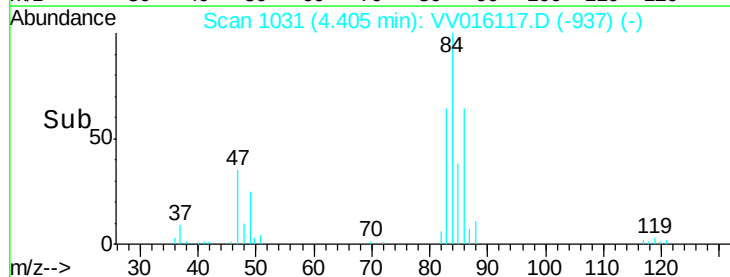
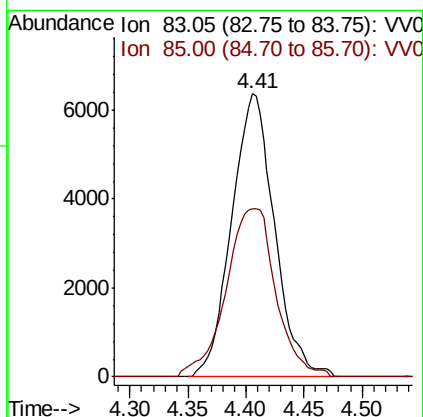
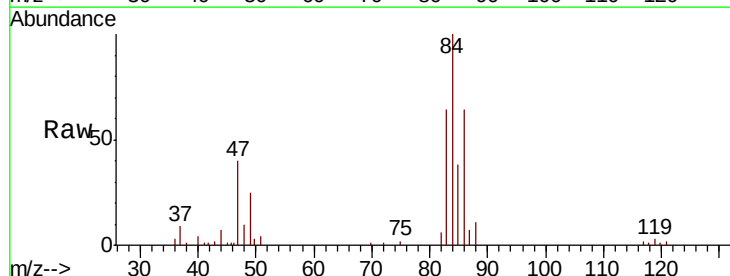
Instrument :
MSVOA_V
ClientSampled :

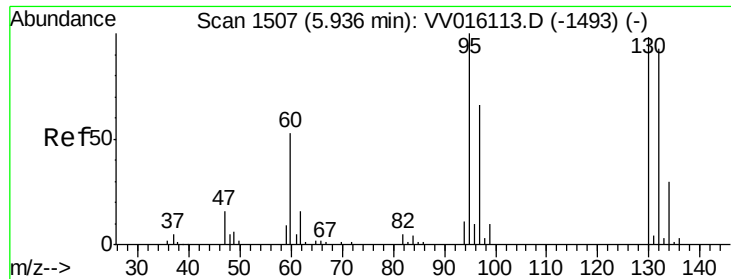
Tot Ion: 73 Resp: 8047
Ion Ratio Lower Upper
73 100
43 25.7 18.8 28.2
57 27.5 17.8 26.6#



#25
Chloroform
Concen: 0.856 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016117.D
Acq: 19 May 2020 12:34

Tgt Ion: 83 Resp: 16344
Ion Ratio Lower Upper
83 100
85 59.3 45.7 84.9

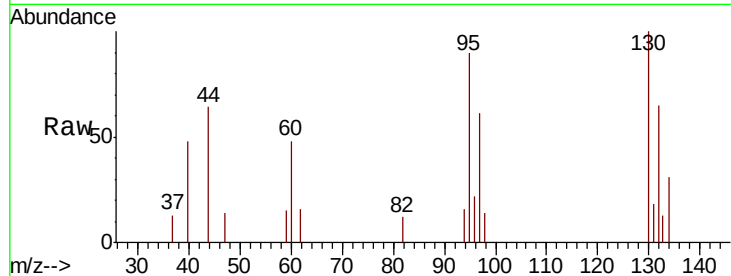




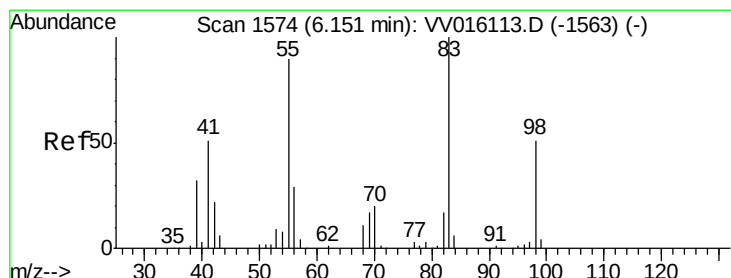
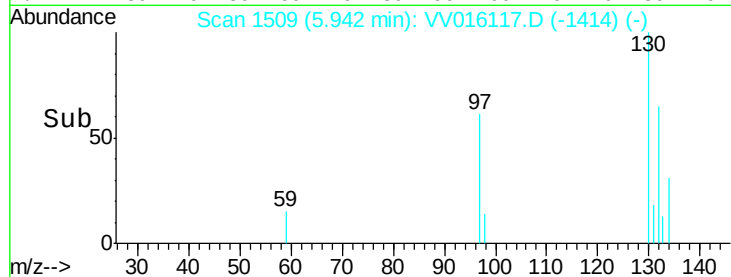
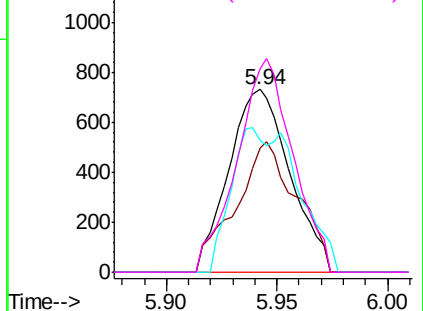
#34
 Trichloroethene
 Concen: 0.134 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016117.D
 Acq: 19 May 2020 12:34

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 1405
 Ion Ratio Lower Upper
 95 100
 97 67.9 43.3 80.5
 132 72.4 60.3 112.1
 130 111.6 66.0 122.6

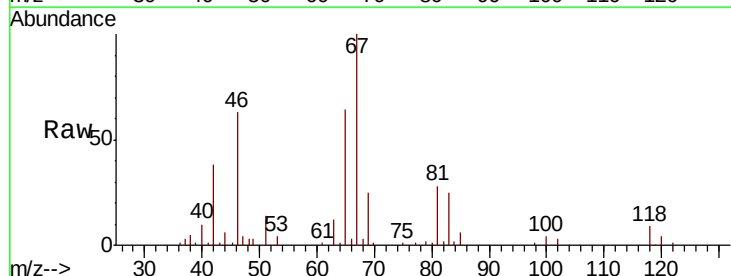


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

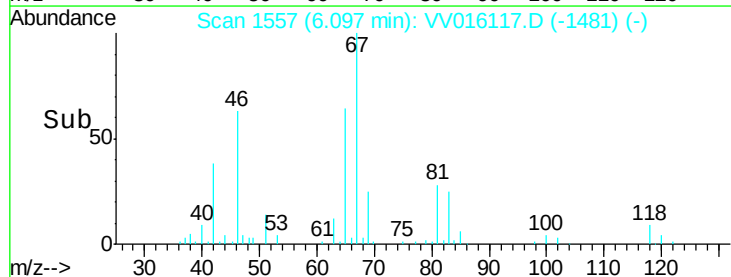
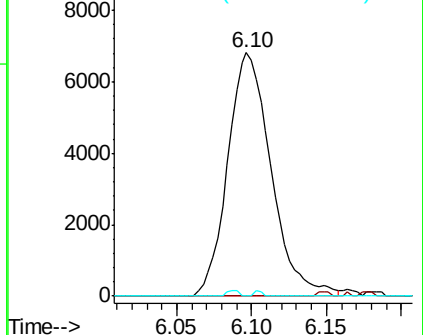


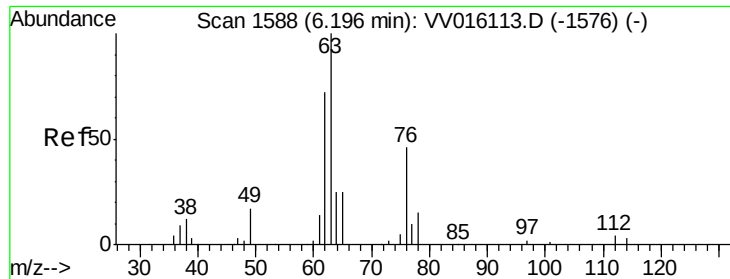
#35
 Methylcyclohexane
 Concen: 0.868 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016117.D
 Acq: 19 May 2020 12:34

Tgt Ion: 83 Resp: 13754
 Ion Ratio Lower Upper
 83 100
 55 0.5 66.2 99.2#
 98 0.4 37.9 56.9#



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

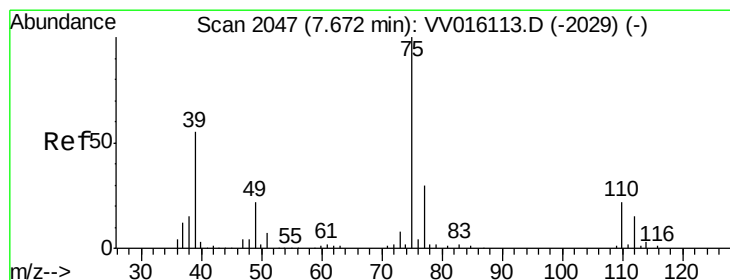
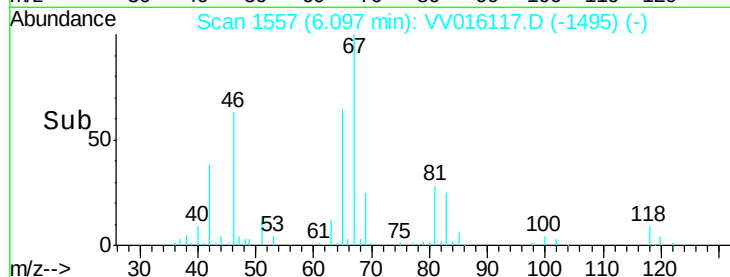
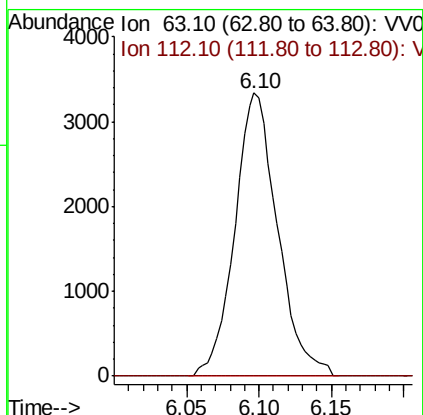
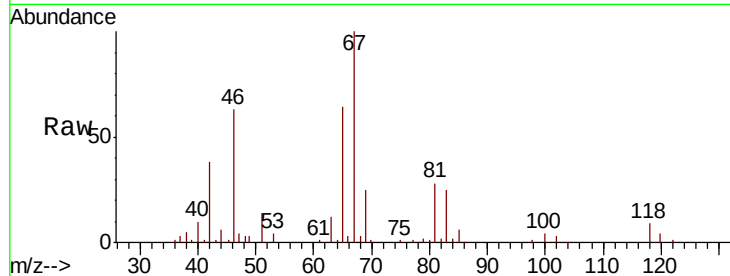




#37
 1,2-Dichloropropane
 Concen: 0.734 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016117.D
 Acq: 19 May 2020 12:34

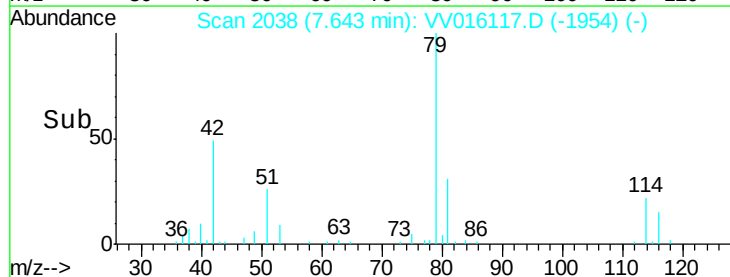
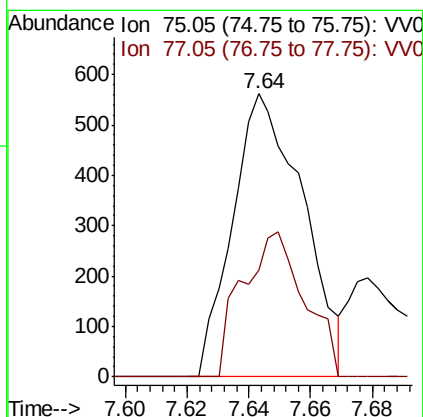
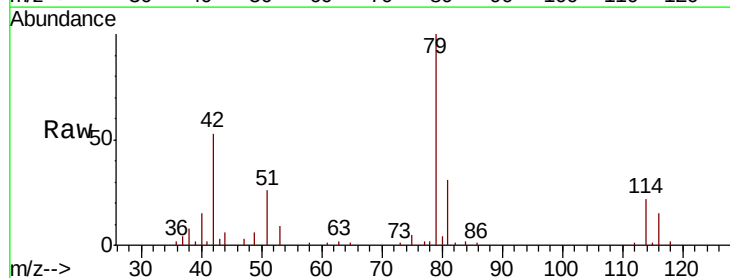
Instrument :
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 ClientSampleId :

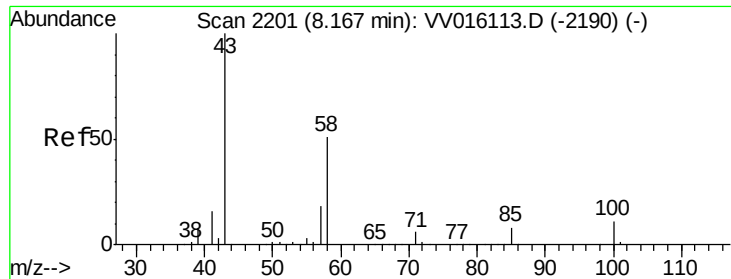
Tot Ion: 63 Resp: 6847
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016117.D
 Acq: 19 May 2020 12:34

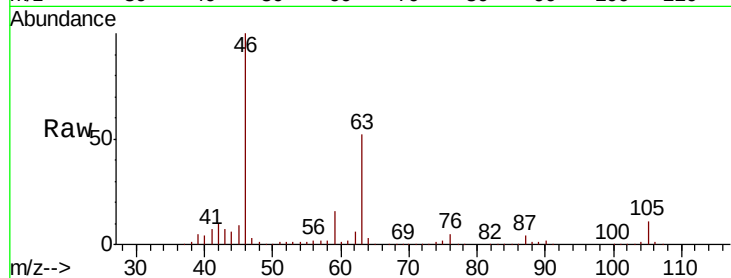
Tgt Ion: 75 Resp: 890
 Ion Ratio Lower Upper
 75 100
 77 37.7 21.3 39.6





#50
 2-Hexanone
 Concen: 4.039 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.05 min
 Lab File: VV016117.D
 Acq: 19 May 2020 12:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tot Ion:	43	Resp:	16599
Ion	Ratio	Lower	Upper
43	100		
58	29.6	40.8	61.2#
57	25.9	14.7	22.1#
100	0.5	9.0	13.6#

