

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015828.D
 Acq On : 30 Apr 2020 11:48
 Operator : SY/MD
 Sample : L2421-09DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:44:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134116	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38467	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.57	69	35206	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.11	63	57932	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.96	46	98061	43.57	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.14%
24) Chloroform-d	4.37	84	69736	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.06	65	44183	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.07	84	150117	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	45565	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	133916	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.64	79	16069	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.12	63	73243	39.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30817	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	47391	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

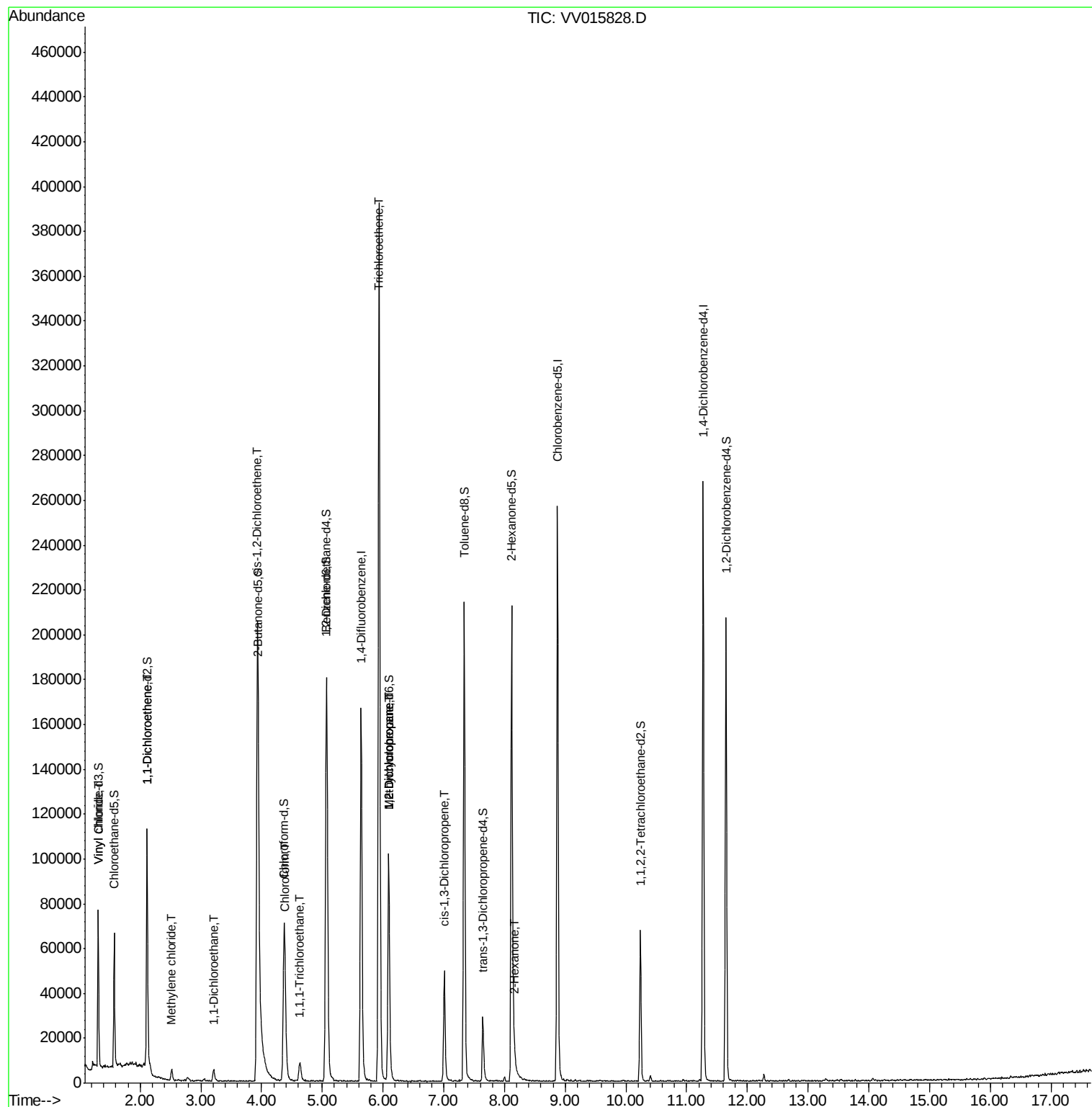
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	3710	0.350	ug/L #	68
12) 1,1-Dichloroethene	2.12	96	1328	0.170	ug/L #	1
16) Methylene chloride	2.52	84	1839	0.191	ug/L	86
19) 1,1-Dichloroethane	3.21	63	5221	0.304	ug/L	96
22) cis-1,2-Dichloroethene	3.93	96	100119	10.360	ug/L	95
25) Chloroform	4.40	83	8817	0.484	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	7160	0.441	ug/L	97
34) Trichloroethene	5.94	95	136574	13.514	ug/L	98
35) Methylcyclohexane	6.09	83	11586	0.747	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	5961	0.641	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1473	0.114	ug/L	83
48) 2-Hexanone	8.17	43	3809	0.885	ug/L #	41

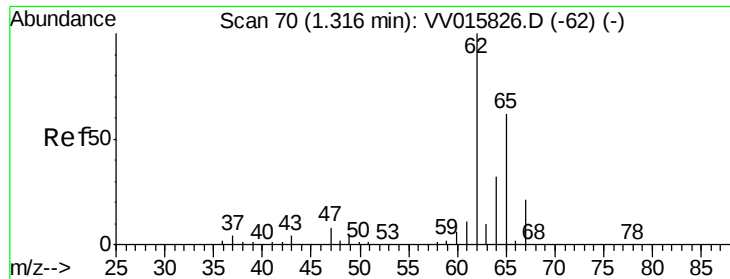
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 01 01:42:43 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.350 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015828.D

Acq: 30 Apr 2020 11:48

Instrument :

MSVOA_V

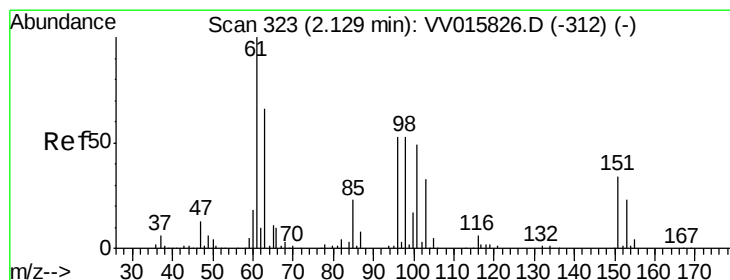
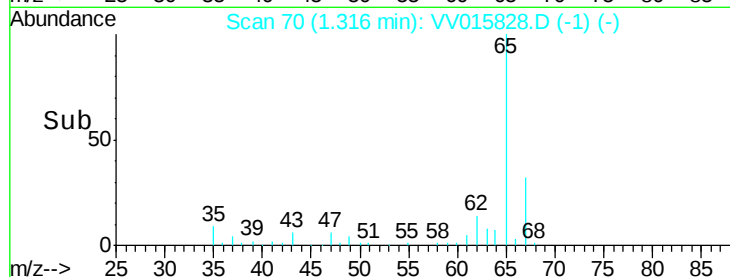
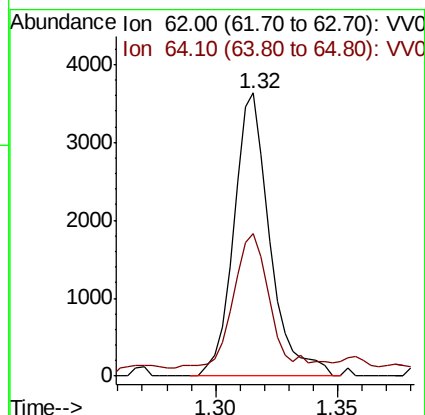
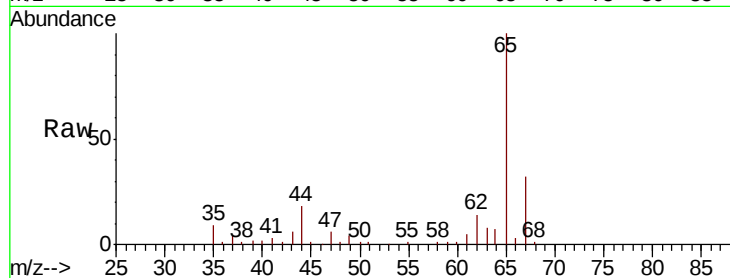
ClientSampleId :

Tot Ion: 62 Resp: 3710

Ion Ratio Lower Upper

62 100

64 50.2 22.7 42.1#



#12

1,1-Dichloroethene

Concen: 0.170 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015828.D

Acq: 30 Apr 2020 11:48

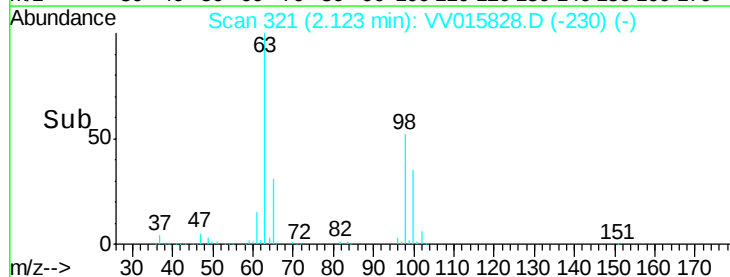
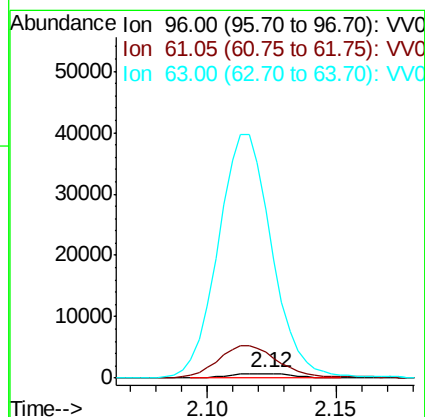
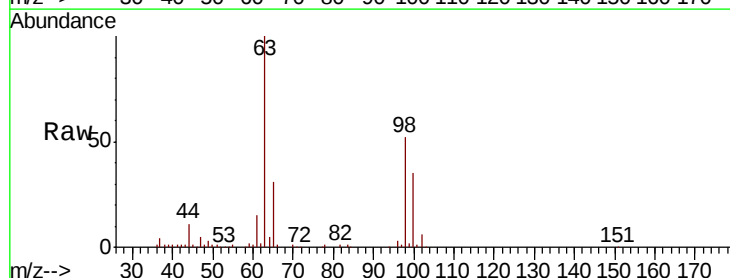
Tgt Ion: 96 Resp: 1328

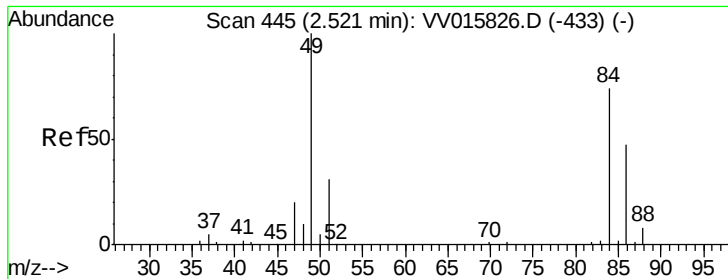
Ion Ratio Lower Upper

96 100

61 531.7 130.1 241.7#

63 3491.5 91.4 169.8#

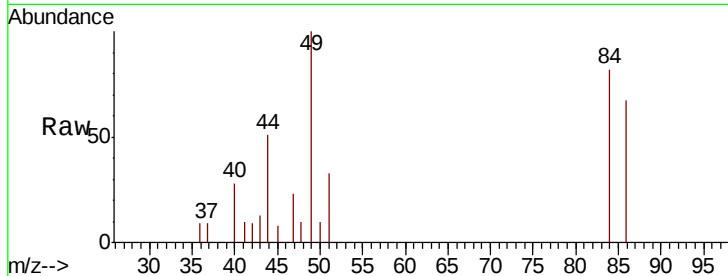




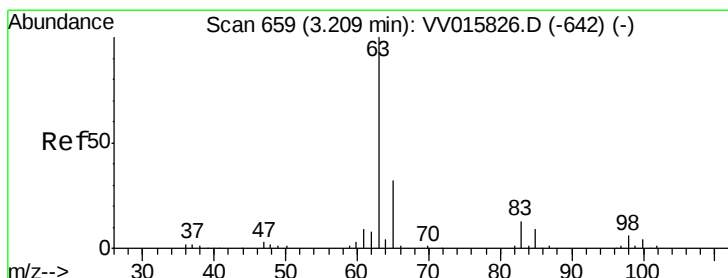
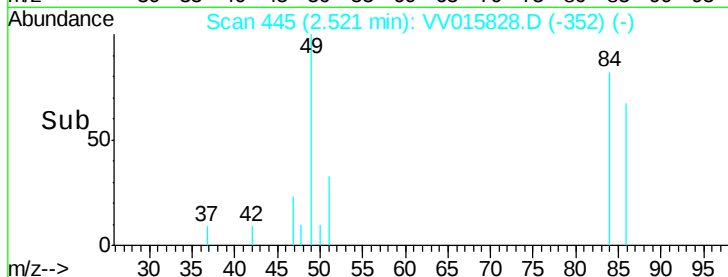
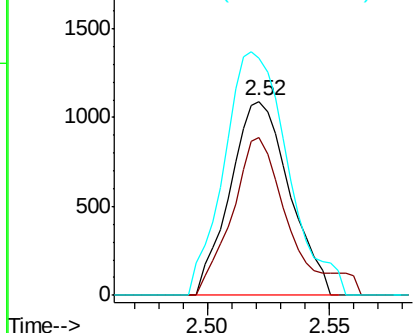
#16
Methylene chloride
Concen: 0.191 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015828.D
Acq: 30 Apr 2020 11:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1839
Ion Ratio Lower Upper
84 100
86 81.4 45.1 83.7
49 122.0 94.4 175.4

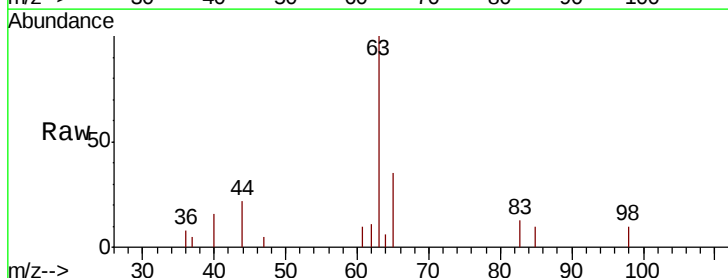


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

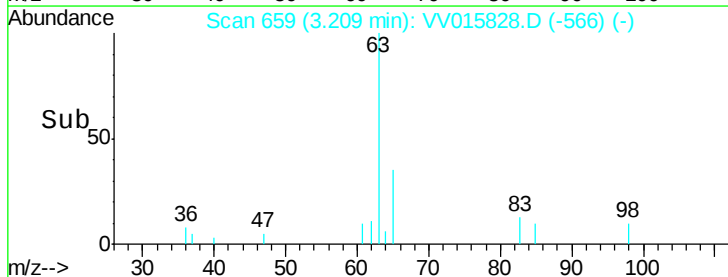
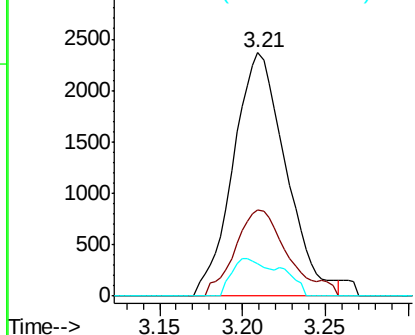


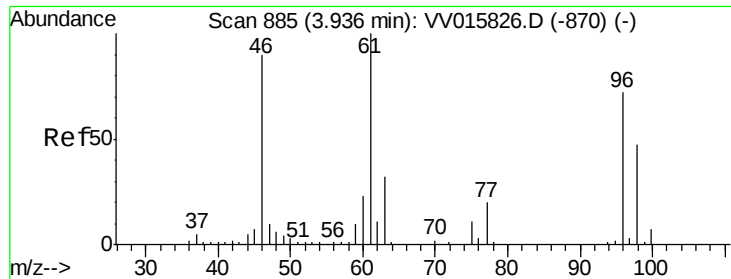
#19
1,1-Dichloroethane
Concen: 0.304 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV015828.D
Acq: 30 Apr 2020 11:48

Tgt Ion: 63 Resp: 5221
Ion Ratio Lower Upper
63 100
65 35.3 22.3 41.3
83 13.3 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



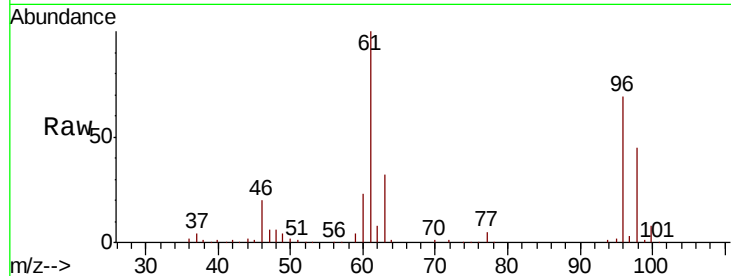


#22

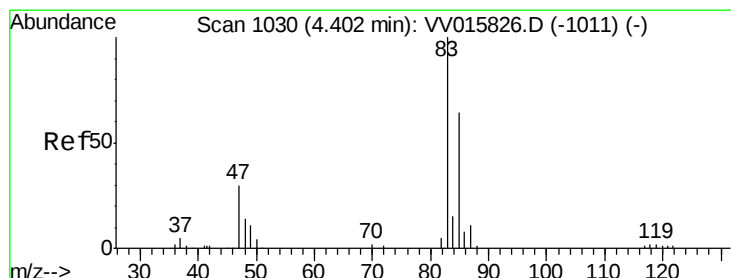
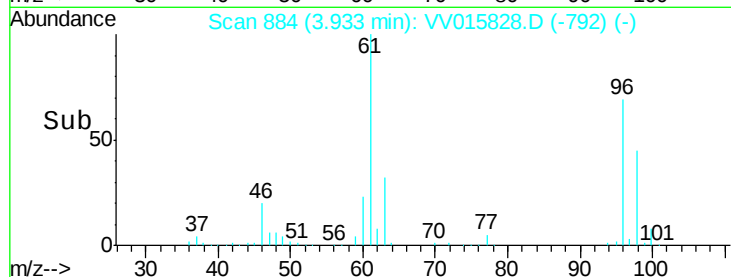
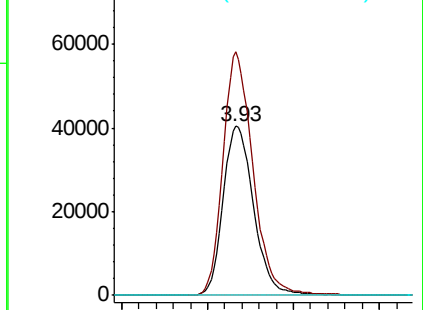
cis-1,2-Dichloroethene
 Concen: 10.360 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV015828.D
 Acq: 30 Apr 2020 11:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 100119
 Ion Ratio Lower Upper
 96 100
 61 144.1 96.4 179.0
 68 0.0 0.0 0.0



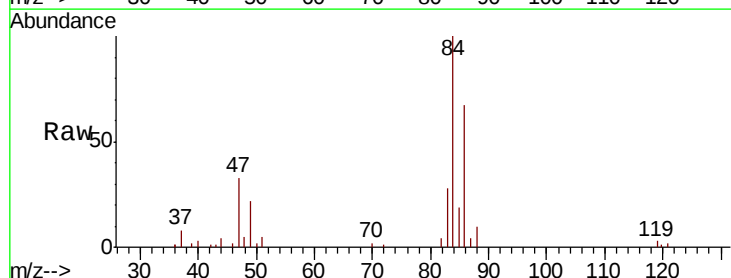
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



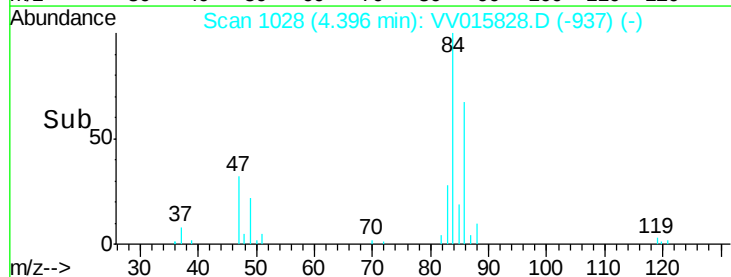
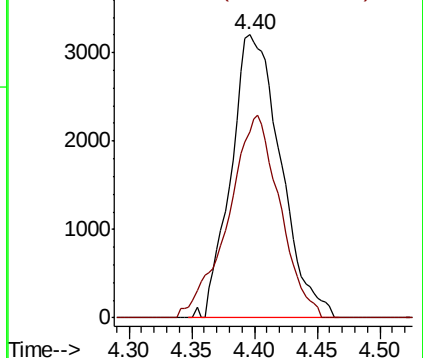
#25

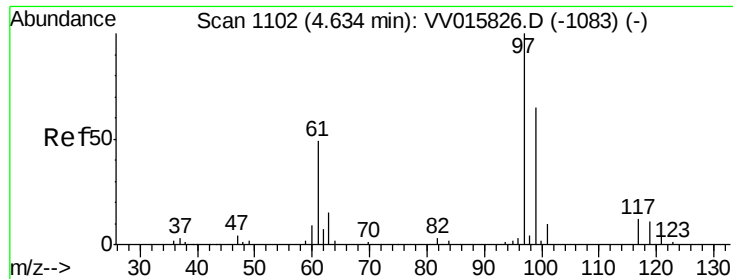
Chloroform
 Concen: 0.484 ug/L
 RT: 4.40 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VV015828.D
 Acq: 30 Apr 2020 11:48

Tgt Ion: 83 Resp: 8817
 Ion Ratio Lower Upper
 83 100
 85 66.0 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

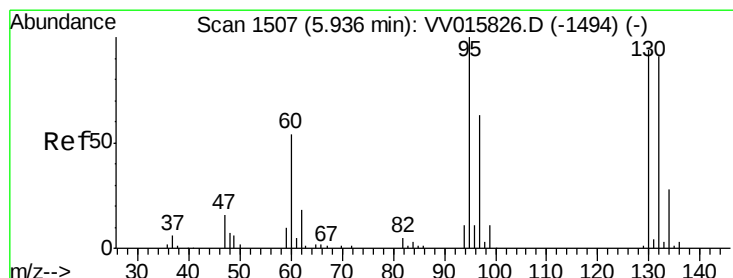
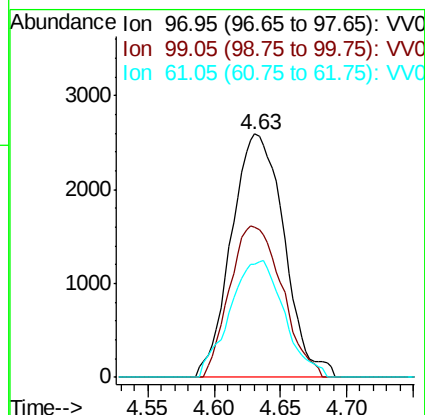
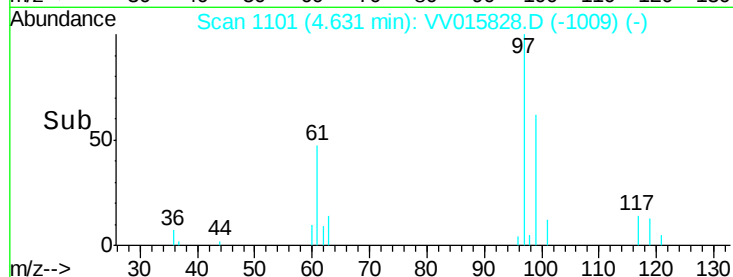
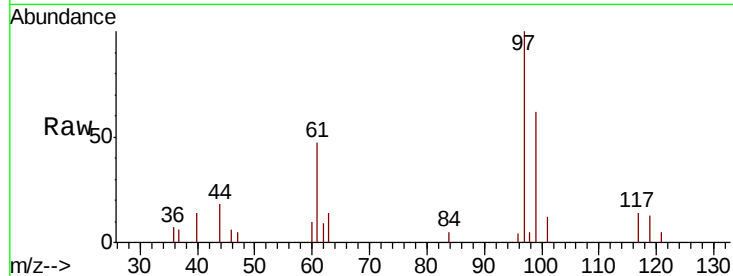




#29
1,1,1-Trichloroethane
Concen: 0.441 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV015828.D
Acq: 30 Apr 2020 11:48

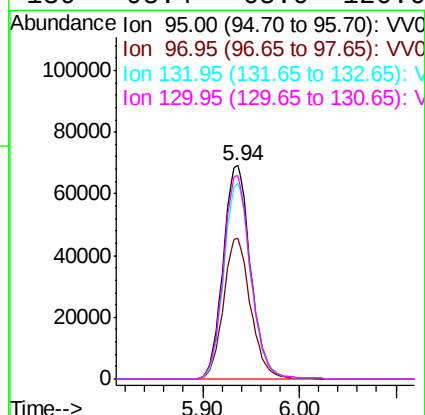
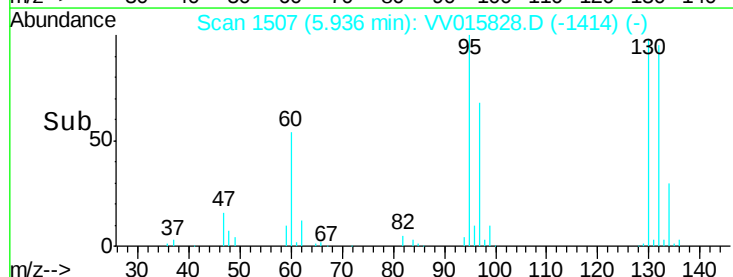
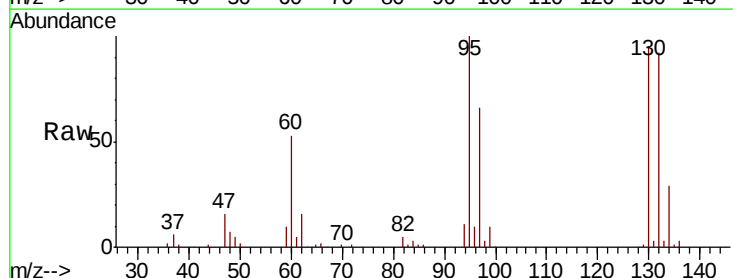
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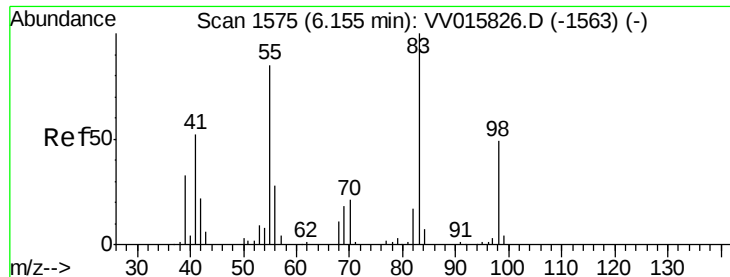
Tot Ion: 97 Resp: 7160
Ion Ratio Lower Upper
97 100
99 62.0 51.6 77.4
61 49.3 38.6 57.8



#34
Trichloroethene
Concen: 13.514 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV015828.D
Acq: 30 Apr 2020 11:48

Tgt Ion: 95 Resp: 136574
Ion Ratio Lower Upper
95 100
97 65.8 44.7 82.9
132 91.8 65.2 121.0
130 95.4 65.0 120.6

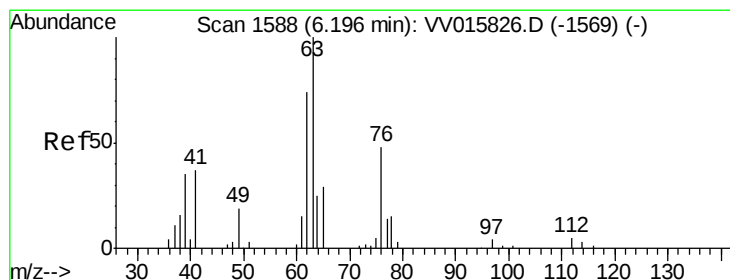
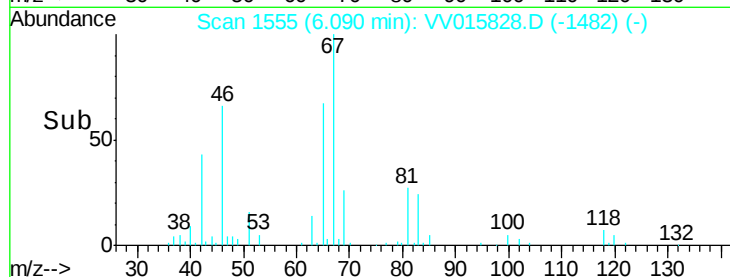
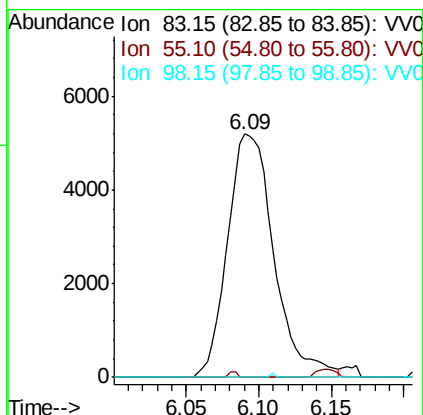
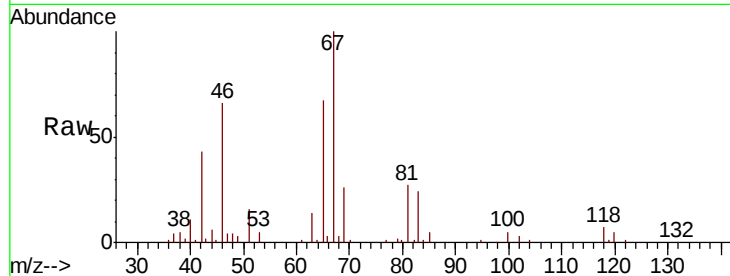




#35
Methvlcvclohexane
Concen: 0.747 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV015828.D
Acq: 30 Apr 2020 11:48

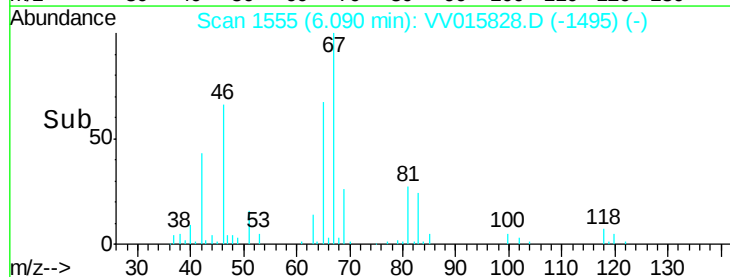
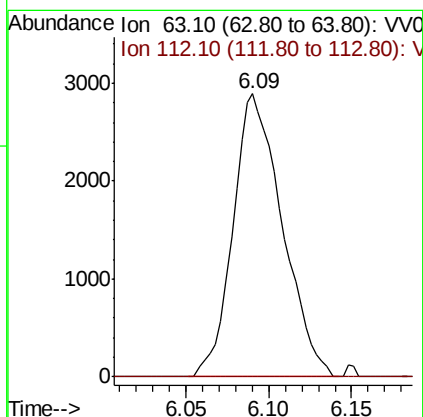
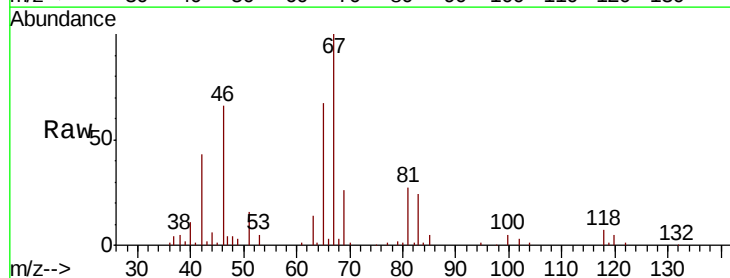
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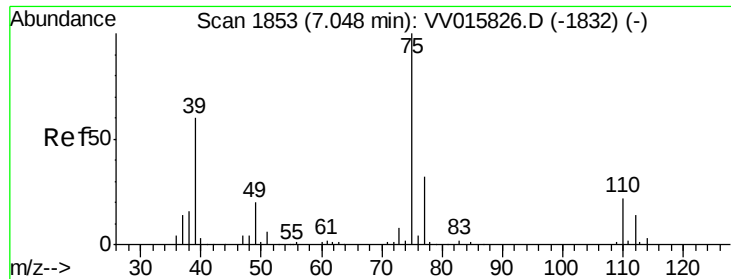
Tot Ion: 83 Resp: 11586
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV015828.D
Acq: 30 Apr 2020 11:48

Tgt Ion: 63 Resp: 5961
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

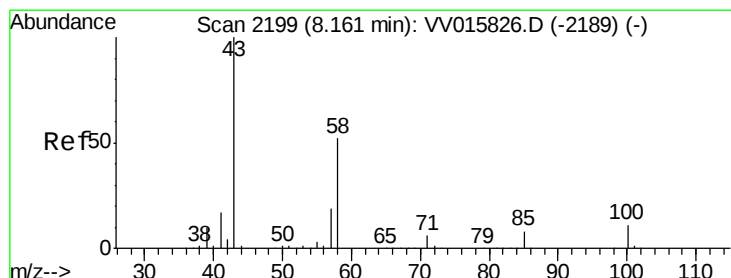
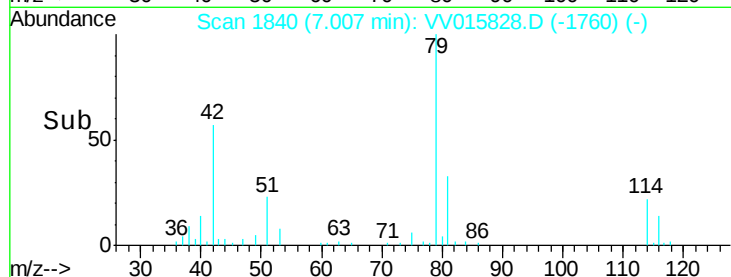
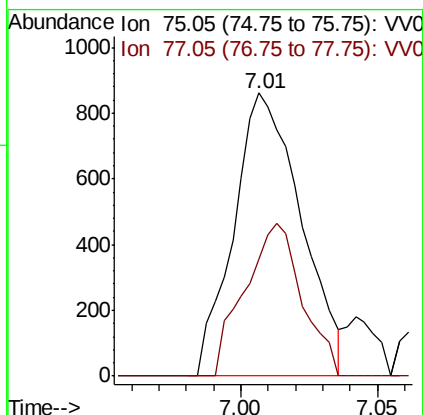
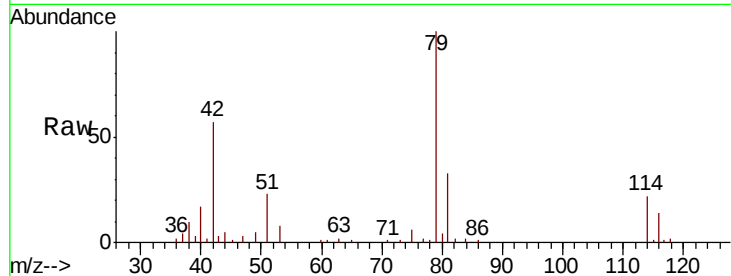




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015828.D
 Acq: 30 Apr 2020 11:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1473
 Ion Ratio Lower Upper
 75 100
 77 41.1 22.3 41.5



#48
 2-Hexanone
 Concen: 0.885 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015828.D
 Acq: 30 Apr 2020 11:48

Tgt Ion: 43 Resp: 3809
 Ion Ratio Lower Upper
 43 100
 58 0.0 41.1 61.7#
 57 0.0 15.0 22.4#
 100 4.5 9.0 13.4#

