

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016467.D
 Acq On : 03 Jun 2020 19:21
 Operator : SY/MD
 Sample : L2843-11DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:21:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	369968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347467	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108757	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.00%
7) Chloroethane-d5	1.57	69	84013	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.82%
11) 1,1-Dichloroethene-d2	2.12	63	152968	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.86%
21) 2-Butanone-d5	3.89	46	177903	106.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	4.37	84	229754	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.06	65	159119	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
32) Benzene-d6	5.07	84	454655	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
36) 1,2-Dichloropropane-d6	6.09	67	143346	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.34	98	410708	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.64	79	64210	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.86%
47) 2-Hexanone-d5	8.11	63	136510	109.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193122	49.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	164207	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%

Target Compounds

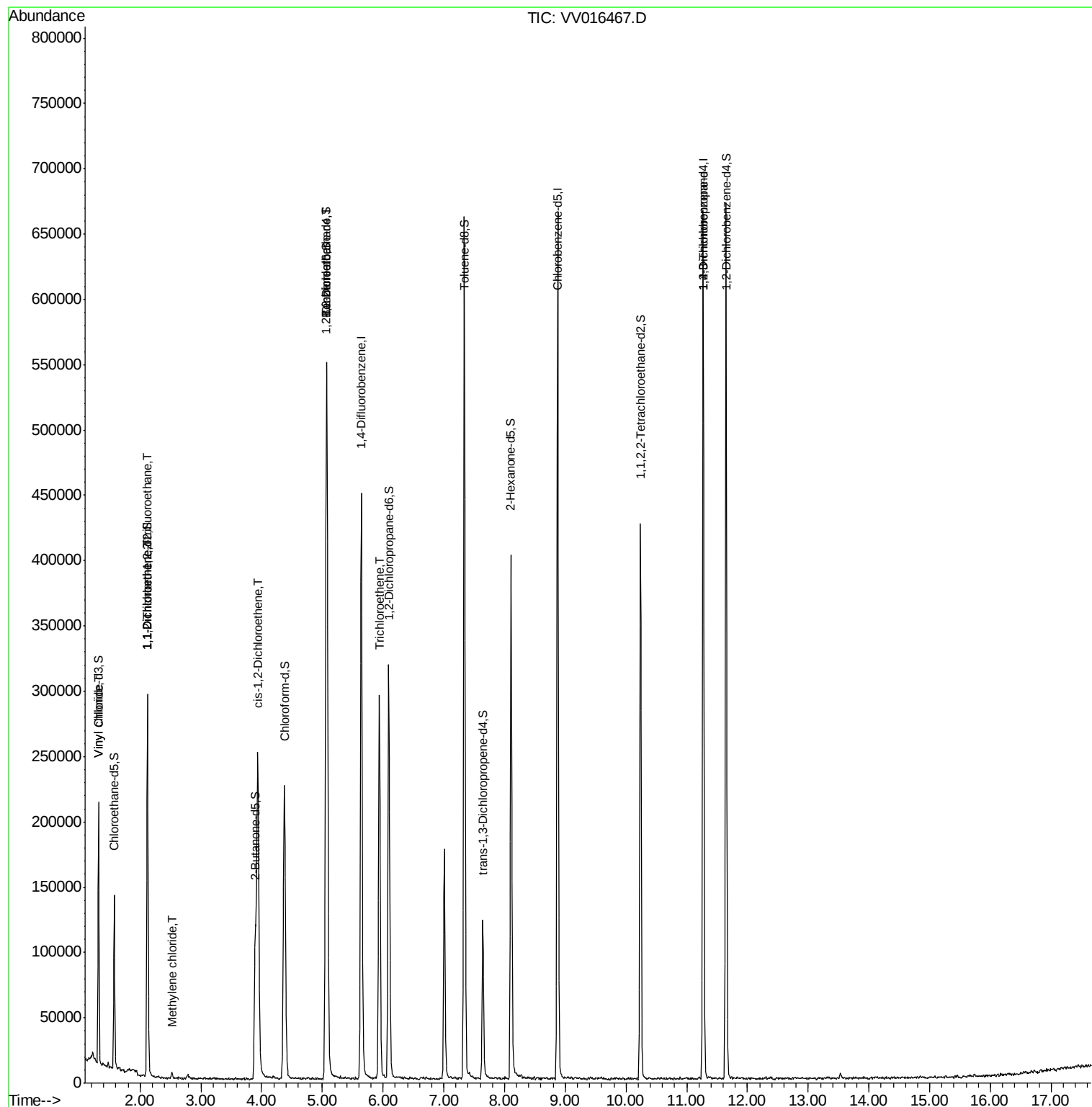
					Ovalue
5) Vinyl chloride	1.32	62	10303	3.626 ug/L #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1514	0.709 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1690	0.823 ug/L #	1
16) Methylene chloride	2.52	84	1913	0.661 ug/L	78
20) cis-1,2-Dichloroethene	3.94	96	131454	47.000 ug/L	97
27) 1,2-Dichloroethane	5.08	62	3310	0.811 ug/L	96
34) Trichloroethene	5.94	95	99313	37.038 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	20347	6.122 ug/L	89

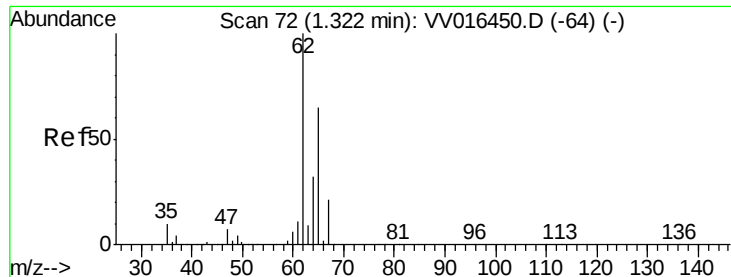
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.626 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016467.D

Acq: 03 Jun 2020 19:21

Instrument :

MSVOA_V

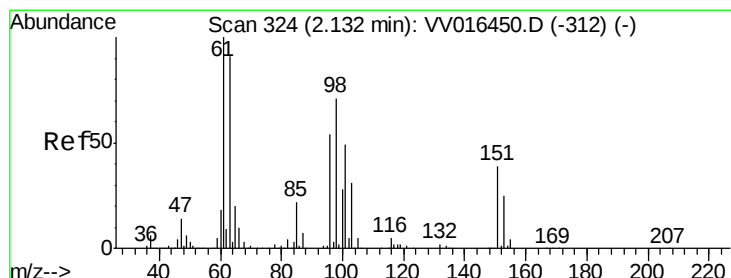
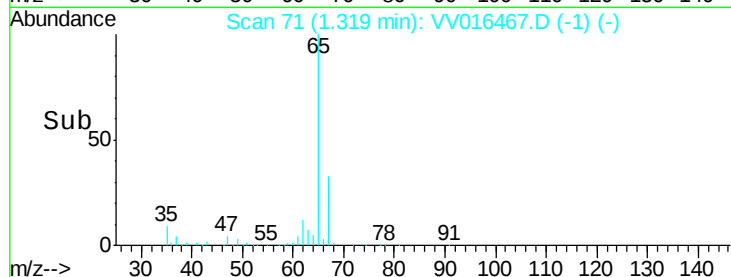
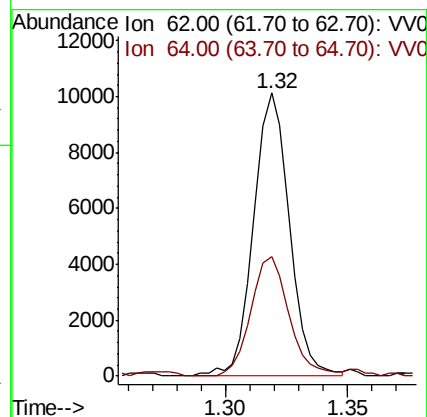
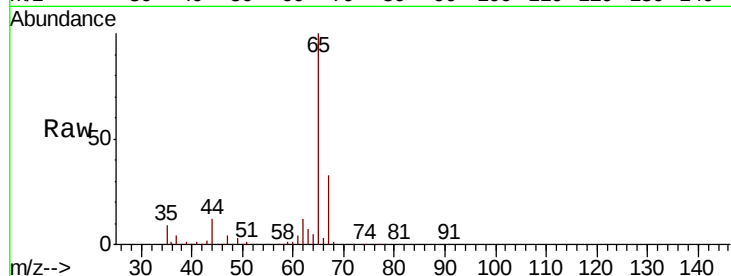
ClientSampleId :

Tot Ion: 62 Resp: 10303

Ion Ratio Lower Upper

62 100

64 42.3 22.7 42.1#



#10

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

Concen: 0.709 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016467.D

Acq: 03 Jun 2020 19:21

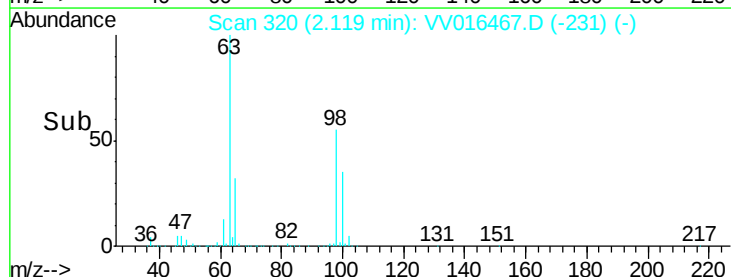
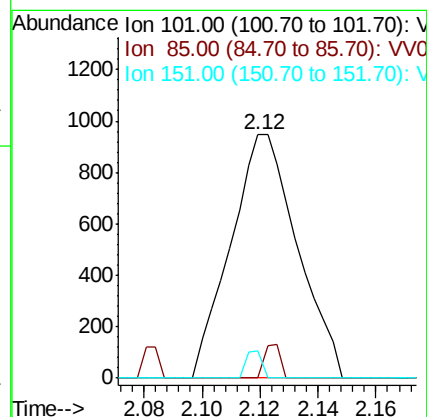
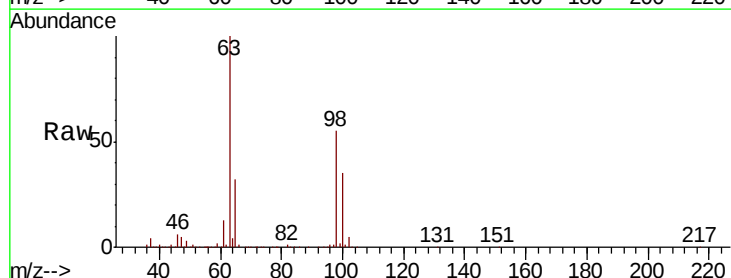
Tgt Ion: 101 Resp: 1514

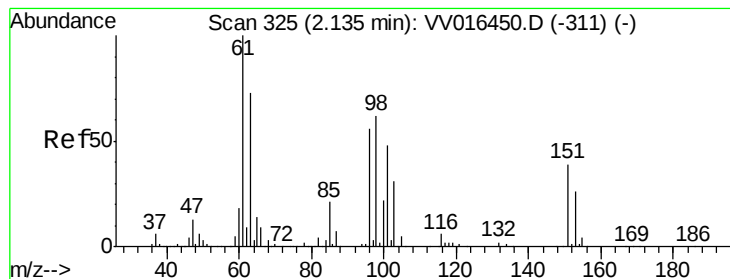
Ion Ratio Lower Upper

101 100

85 3.3 35.6 53.4#

151 2.7 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 0.823 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016467.D

Acq: 03 Jun 2020 19:21

Instrument :

MSVOA_V

ClientSampled :

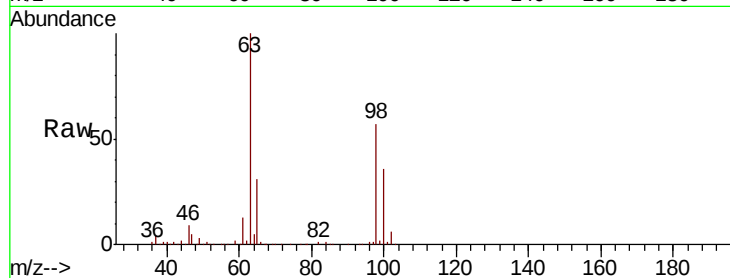
Tot Ion: 96 Resp: 1690

Ion Ratio Lower Upper

96 100

61 1092.7 125.5 233.1#

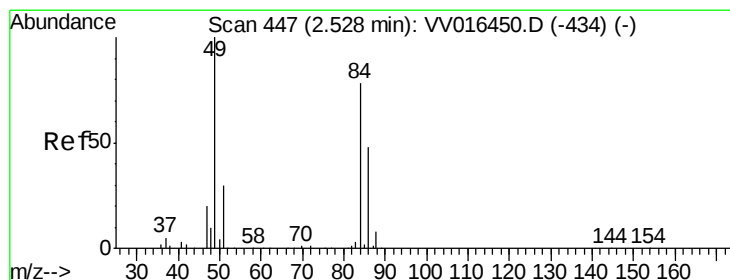
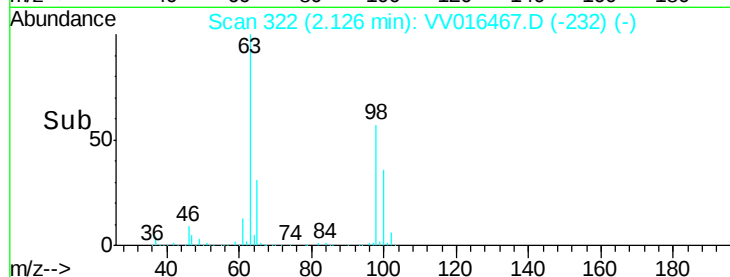
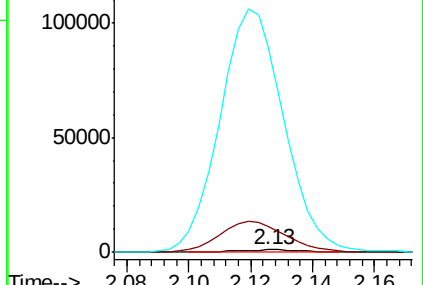
63 8527.3 104.0 193.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 0.661 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV016467.D

Acq: 03 Jun 2020 19:21

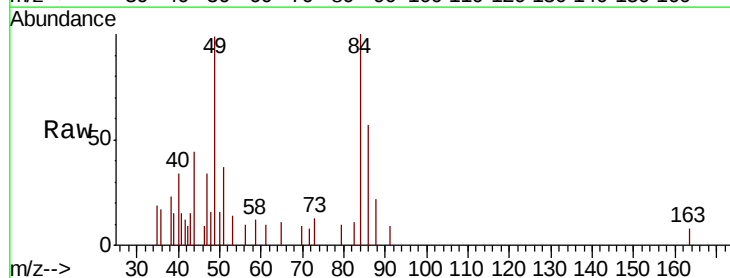
Tgt Ion: 84 Resp: 1913

Ion Ratio Lower Upper

84 100

86 57.0 45.1 83.9

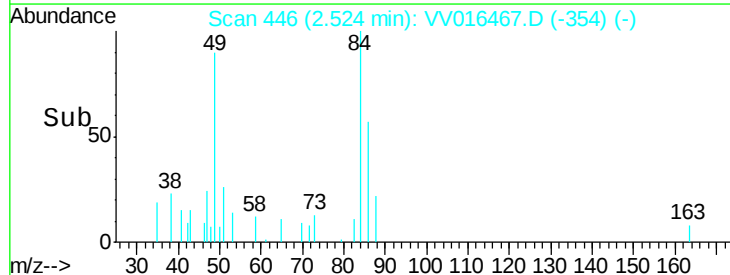
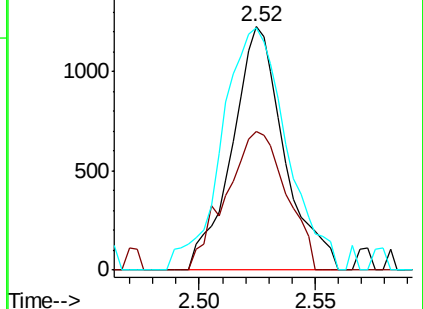
49 99.3 92.4 171.6

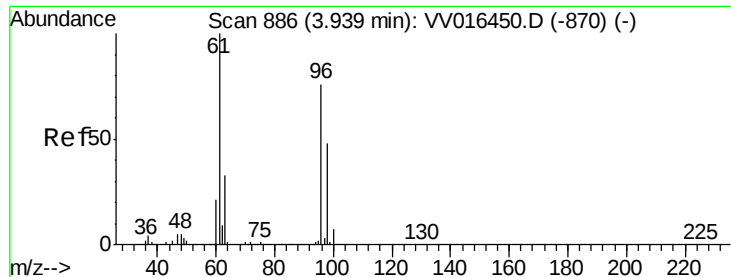


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

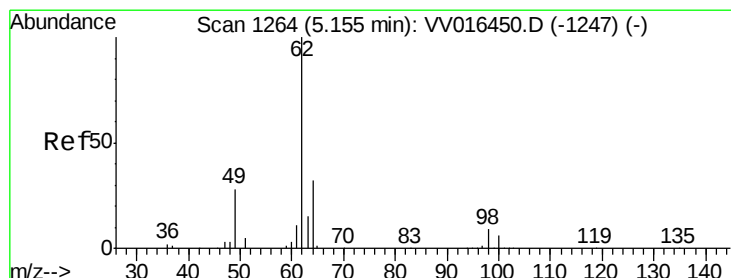
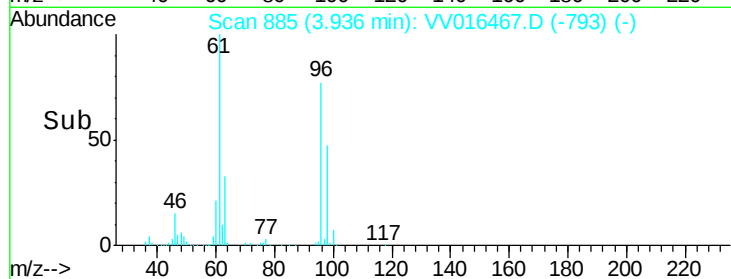
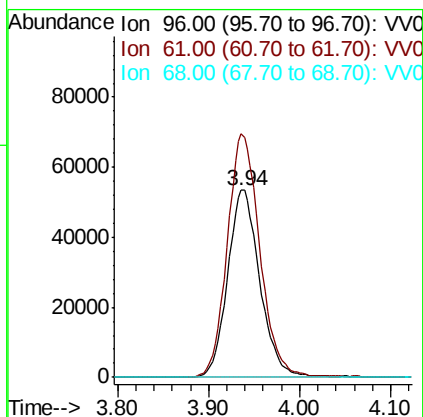
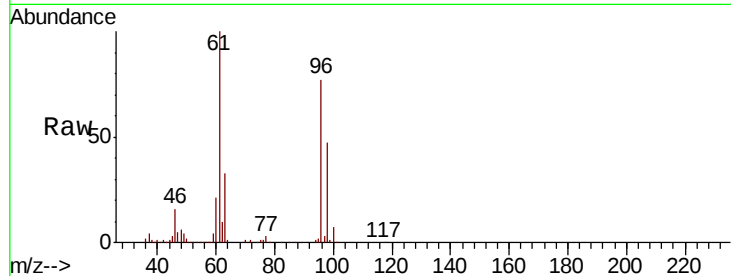




#20
 cis-1,2-Dichloroethene
 Concen: 47.000 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV016467.D
 Acq: 03 Jun 2020 19:21

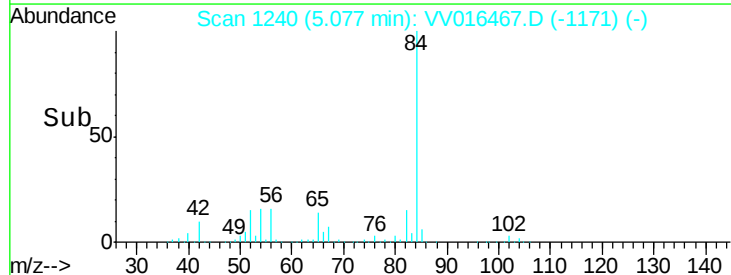
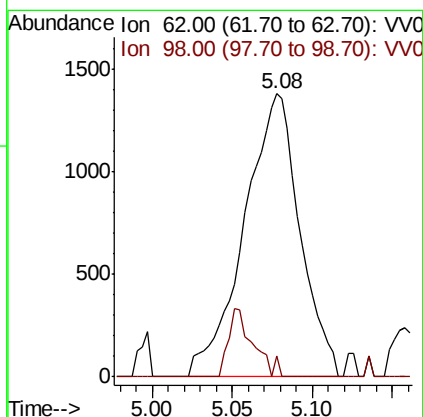
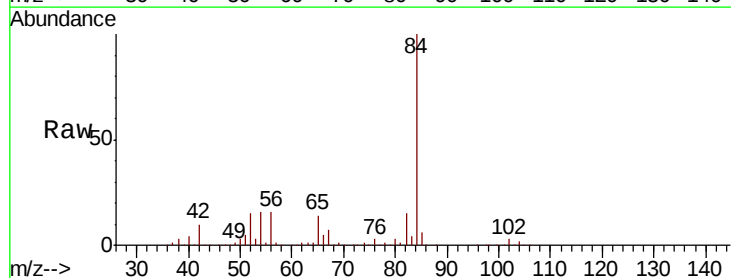
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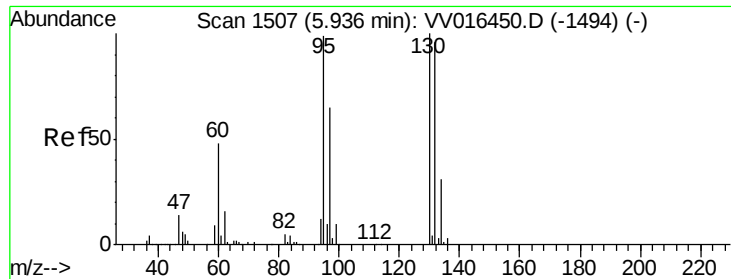
Tot Ion: 96 Resp: 131454
 Ion Ratio Lower Upper
 96 100
 61 130.0 93.4 173.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.811 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016467.D
 Acq: 03 Jun 2020 19:21

Tgt Ion: 62 Resp: 3310
 Ion Ratio Lower Upper
 62 100
 98 7.3 6.9 10.3

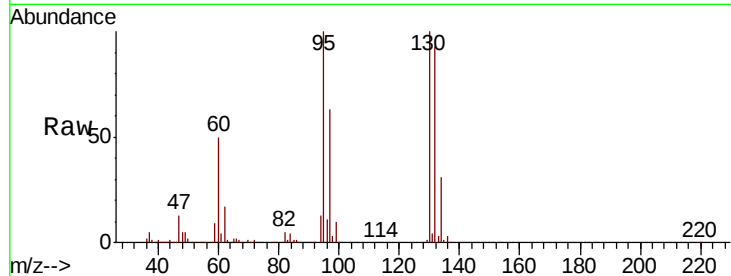




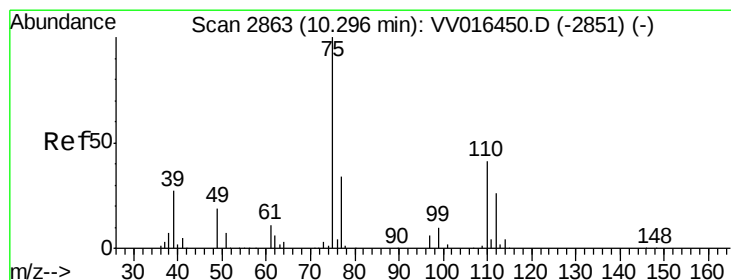
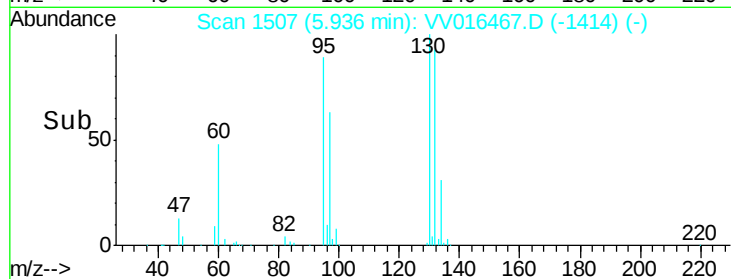
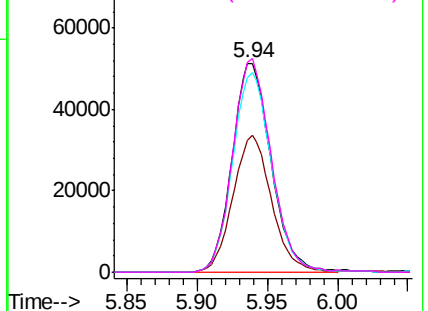
#34
 Trichloroethene
 Concen: 37.038 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV016467.D
 Acq: 03 Jun 2020 19:21

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 99313
 Ion Ratio Lower Upper
 95 100
 97 63.2 42.8 79.6
 132 93.0 65.6 121.8
 130 100.5 69.0 128.1

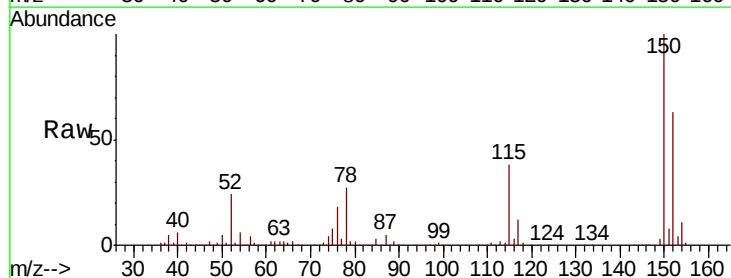


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#59
 1,2,3-Trichloropropane
 Concen: 6.122 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV016467.D
 Acq: 03 Jun 2020 19:21

Tgt Ion: 75 Resp: 20347
 Ion Ratio Lower Upper
 75 100
 77 39.7 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

