

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016150.D
 Acq On : 21 May 2020 13:56
 Operator : SY/MD
 Sample : L2725-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:54:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137634	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131300	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29588	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	34120	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	54788	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	86838	40.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.54%
24) Chloroform-d	4.38	84	83434	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	42943	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.08	84	155089	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	49339	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.34	98	135684	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.65	79	14291	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
48) 2-Hexanone-d5	8.12	63	66926	40.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30416	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	50307	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

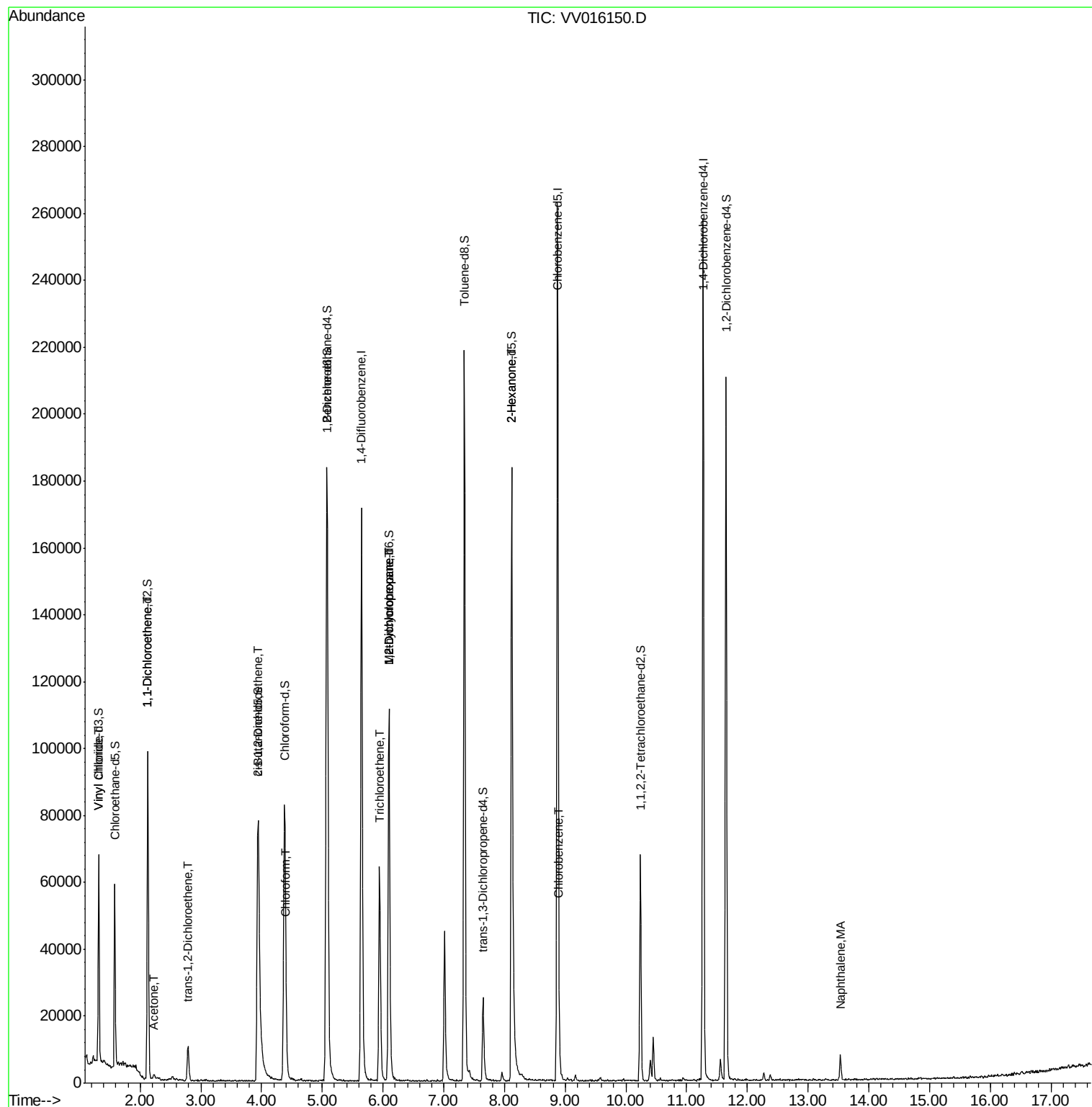
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	7677	0.752	ug/L #	77
12) 1,1-Dichloroethene	2.13	96	865	0.114	ug/L #	1
13) Acetone	2.23	43	2245	1.598	ug/L	87
18) trans-1,2-Dichloroethene	2.79	96	3875	0.463	ug/L	92
22) cis-1,2-Dichloroethene	3.95	96	22760	2.597	ug/L	95
25) Chloroform	4.41	83	1808	0.102	ug/L	82
34) Trichloroethene	5.94	95	22953	2.434	ug/L	99
35) Methylcyclohexane	6.10	83	12084	0.847	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5957	0.710	ug/L #	87
50) 2-Hexanone	8.12	43	11108	3.003	ug/L #	77
53) Chlorobenzene	8.91	112	1961	0.087	ug/L #	83
70) Naphthalene	13.53	128	5938	0.363	ug/L	98

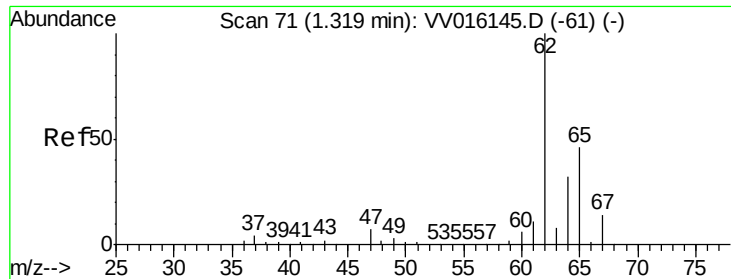
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.752 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016150.D

Acq: 21 May 2020 13:56

Instrument :

MSVOA_V

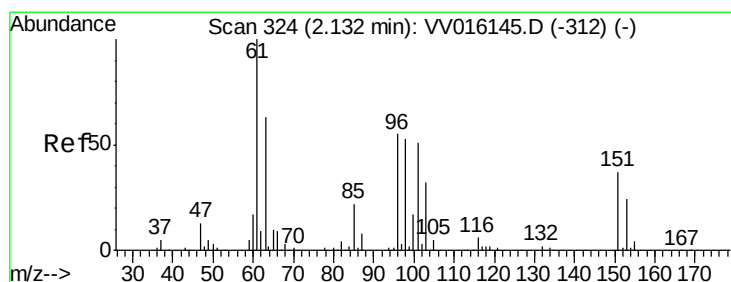
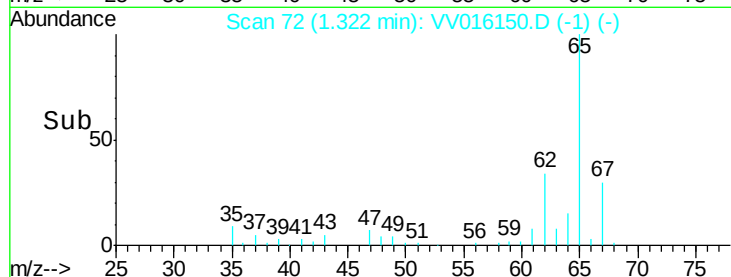
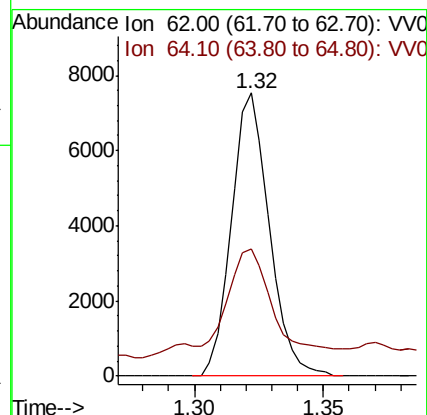
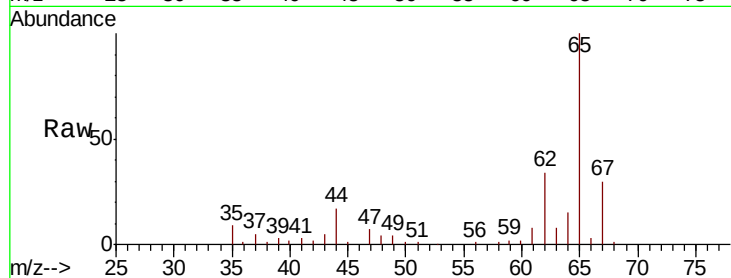
ClientSampleId :

Tot Ion: 62 Resp: 7677

Ion Ratio Lower Upper

62 100

64 44.7 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 0.114 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV016150.D

Acq: 21 May 2020 13:56

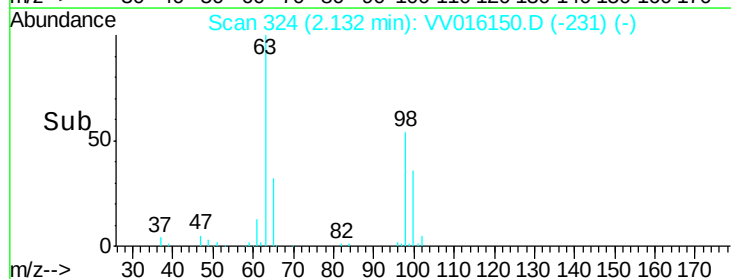
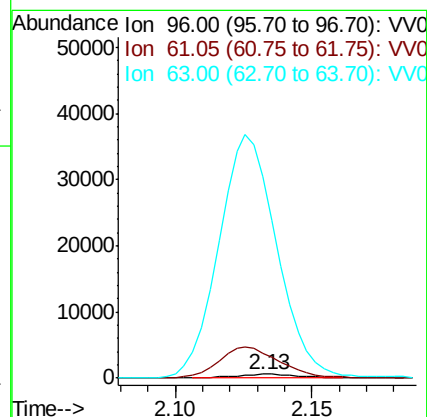
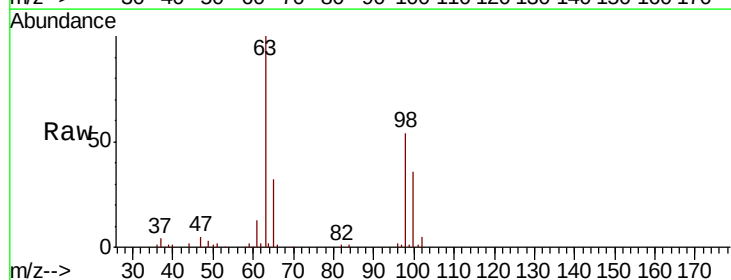
Tgt Ion: 96 Resp: 865

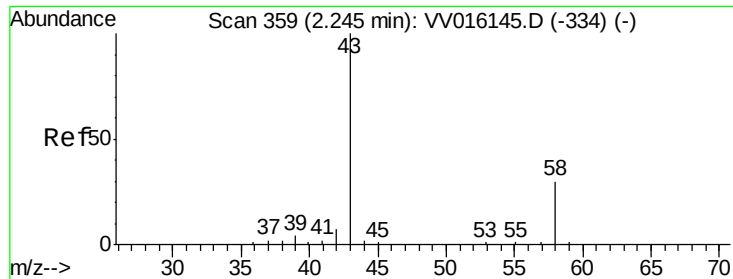
Ion Ratio Lower Upper

96 100

61 659.9 139.9 259.7#

63 5232.4 106.4 197.6#





#13

Acetone

Concen: 1.598 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.02 min

Lab File: VV016150.D

Acq: 21 May 2020 13:56

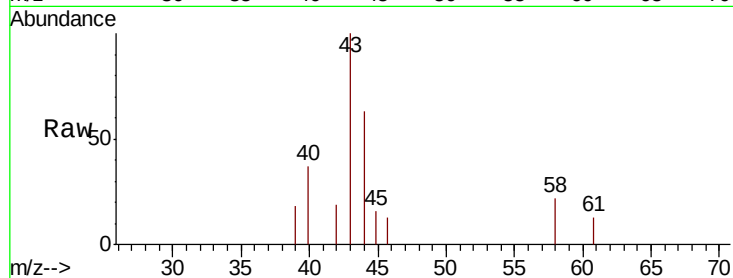
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2245

Ion Ratio Lower Upper

43 100

58 10.0 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.23

800

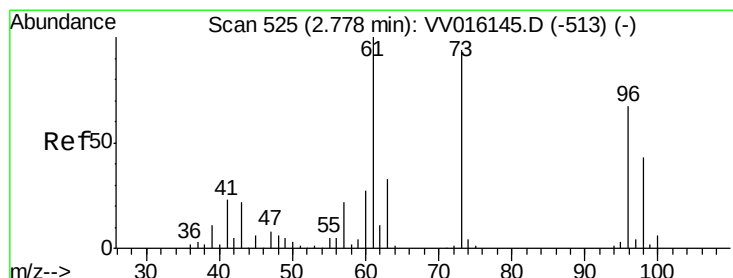
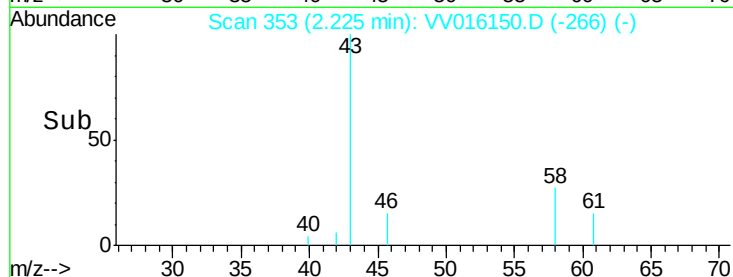
600

400

200

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.463 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV016150.D

Acq: 21 May 2020 13:56

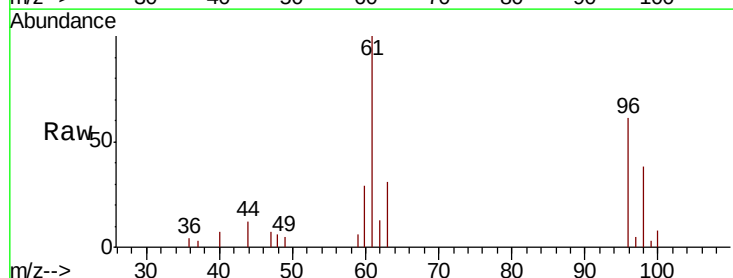
Tgt Ion: 96 Resp: 3875

Ion Ratio Lower Upper

96 100

61 163.6 105.3 195.5

98 62.1 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

4000

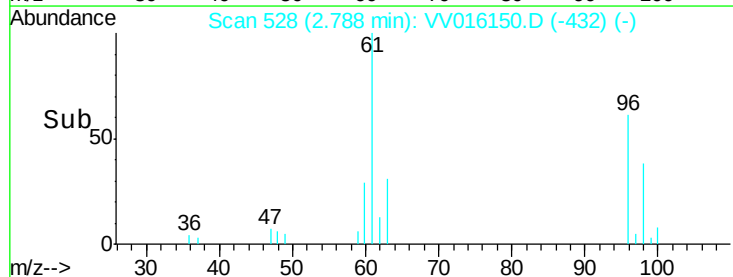
3000

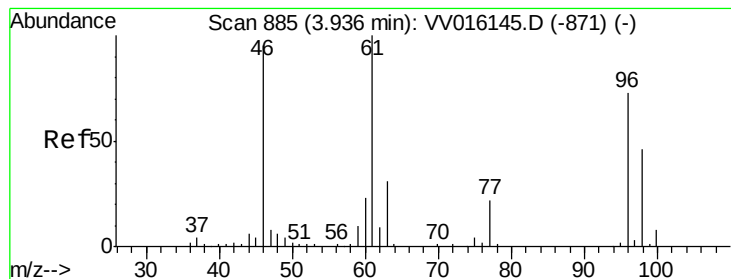
2000

1000

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 2.597 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV016150.D

Acq: 21 May 2020 13:56

Instrument :
MSVOA_V
ClientSampleId :

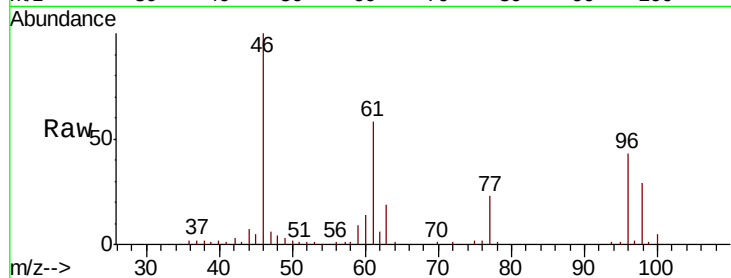
Tot Ion: 96 Resp: 22760

Ion Ratio Lower Upper

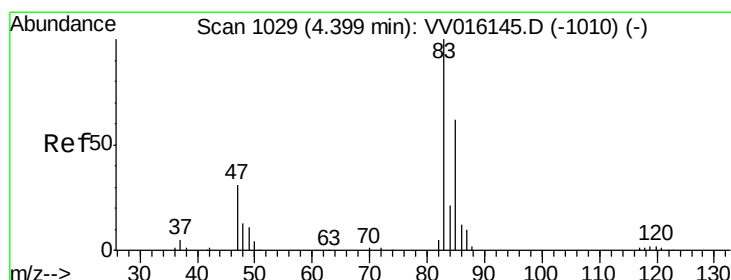
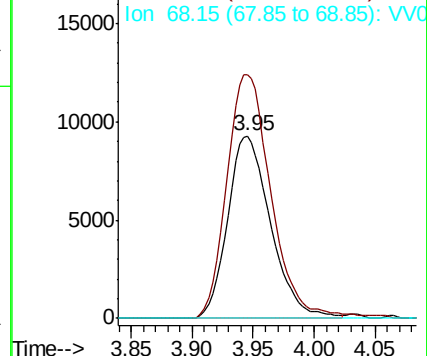
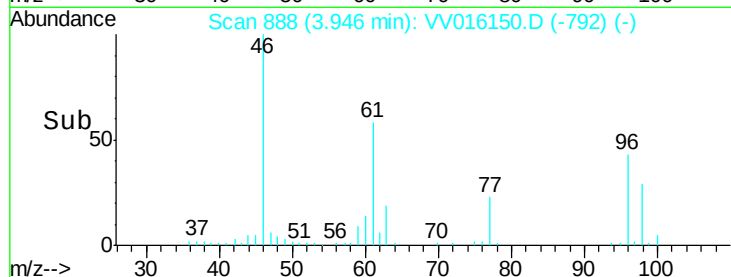
96 100

61 133.3 97.2 180.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016150.D (-936) (-)



#25

Chloroform

Concen: 0.102 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV016150.D

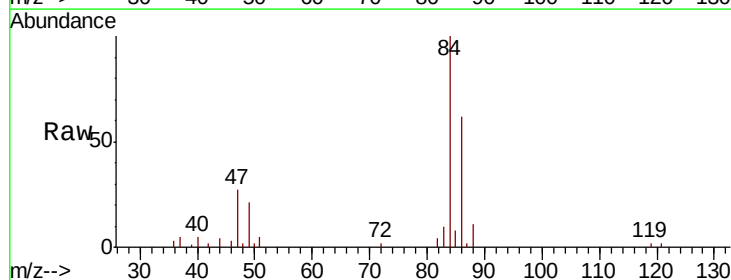
Acq: 21 May 2020 13:56

Tgt Ion: 83 Resp: 1808

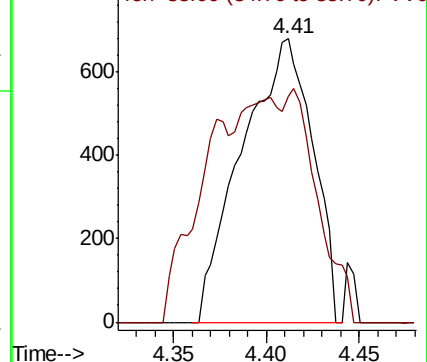
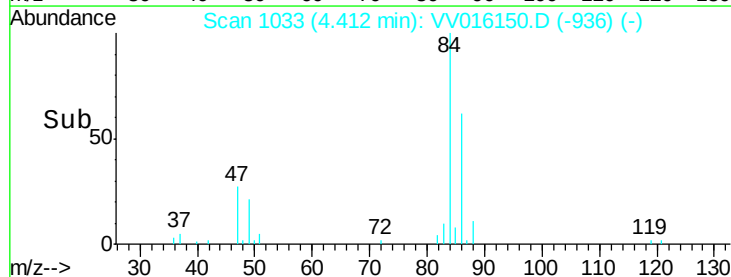
Ion Ratio Lower Upper

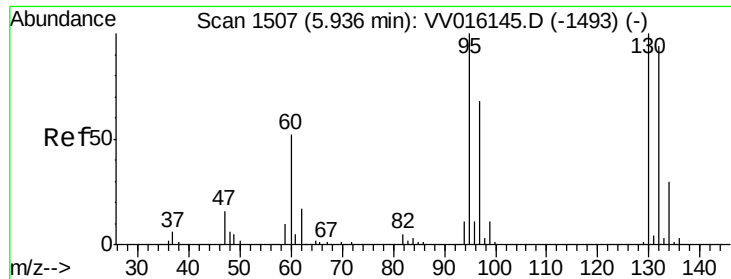
83 100

85 79.7 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV016150.D (-936) (-)

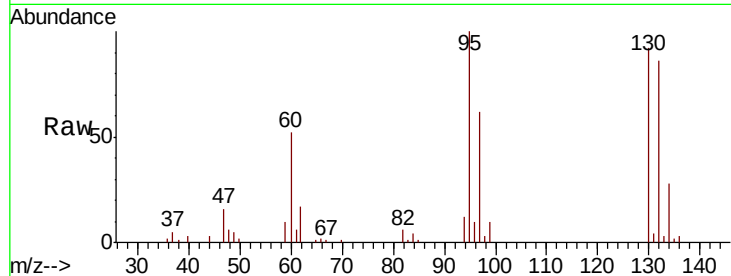




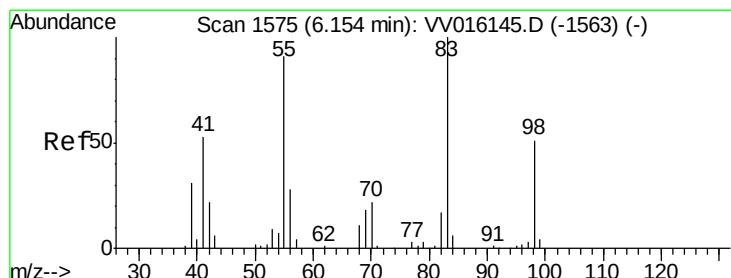
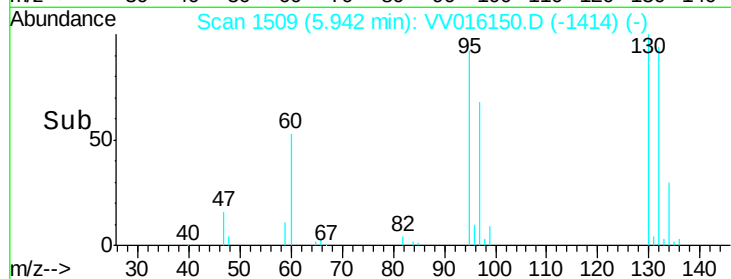
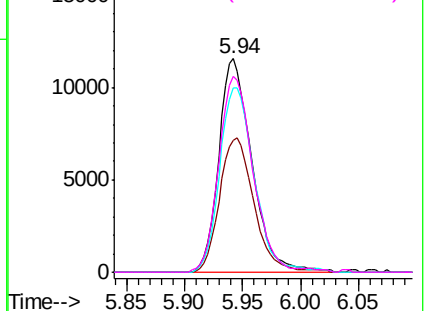
#34
 Trichloroethene
 Concen: 2.434 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016150.D
 Acq: 21 May 2020 13:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 22953
 Ion Ratio Lower Upper
 95 100
 97 62.0 43.3 80.5
 132 86.2 60.3 112.1
 130 91.8 66.0 122.6

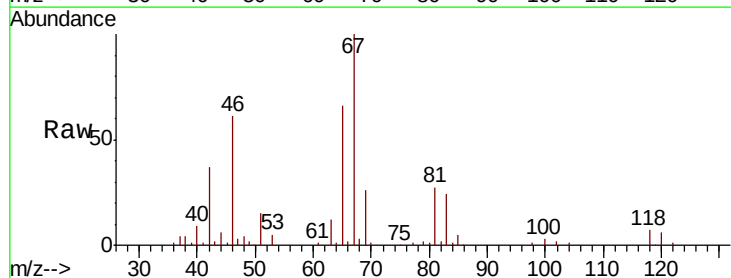


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

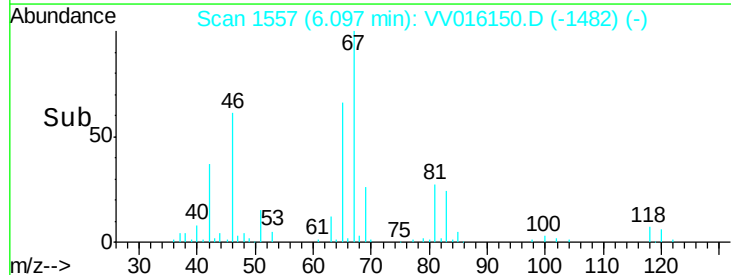
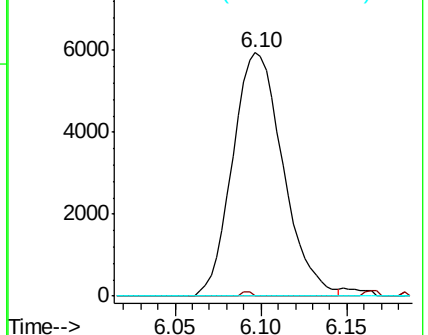


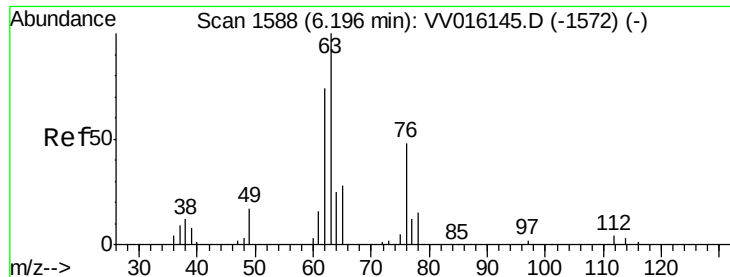
#35
 Methylcyclohexane
 Concen: 0.847 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV016150.D
 Acq: 21 May 2020 13:56

Tgt Ion: 83 Resp: 12084
 Ion Ratio Lower Upper
 83 100
 55 0.3 66.2 99.2#
 98 0.0 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

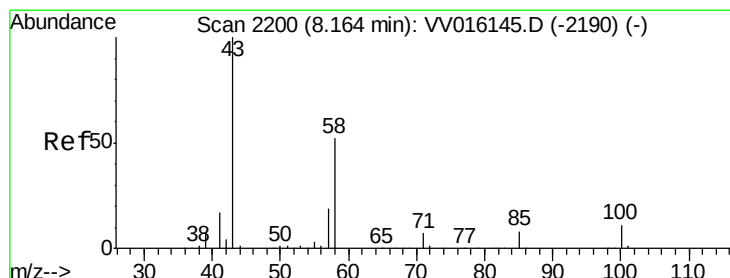
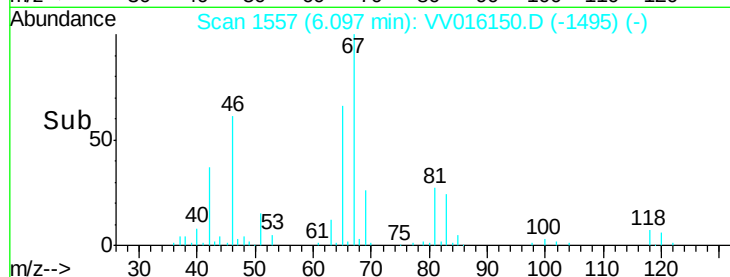
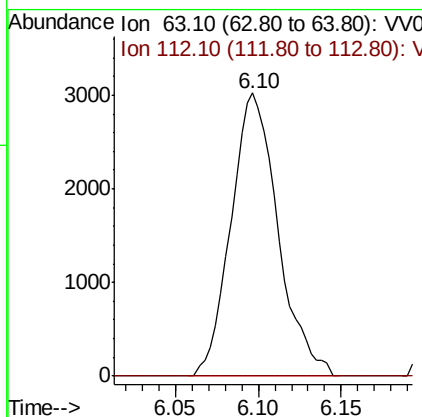
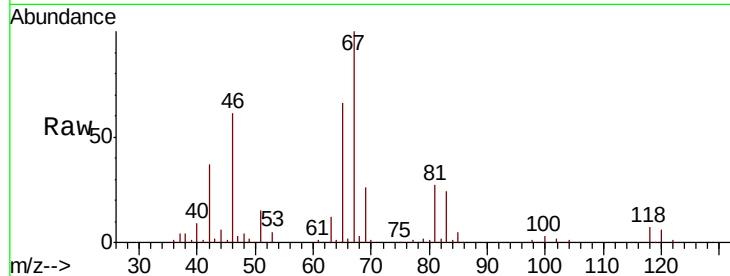




#37
 1,2-Dichloropropane
 Concen: 0.710 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016150.D
 Acq: 21 May 2020 13:56

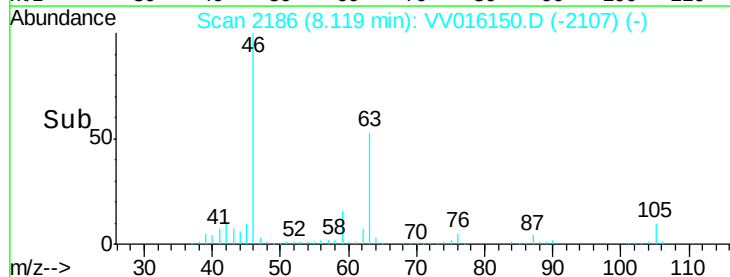
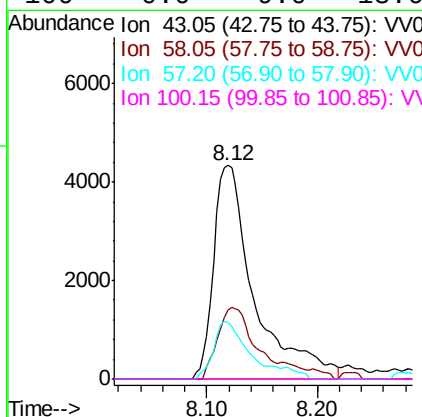
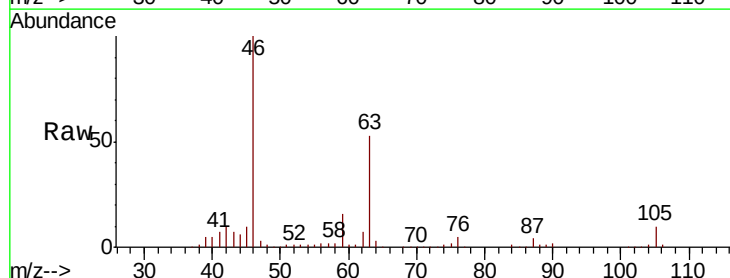
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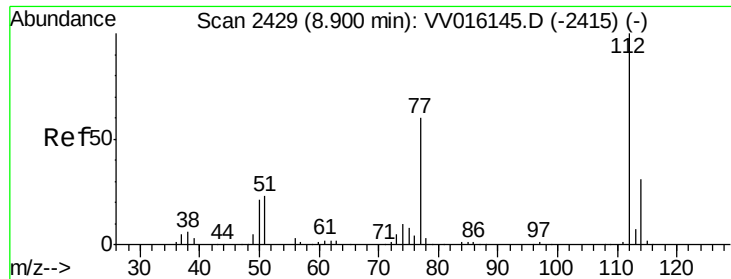
Tot Ion: 63 Resp: 5957
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#50
 2-Hexanone
 Concen: 3.003 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.04 min
 Lab File: VV016150.D
 Acq: 21 May 2020 13:56

Tgt Ion: 43 Resp: 11108
 Ion Ratio Lower Upper
 43 100
 58 33.5 40.8 61.2#
 57 25.0 14.7 22.1#
 100 0.0 9.0 13.6#

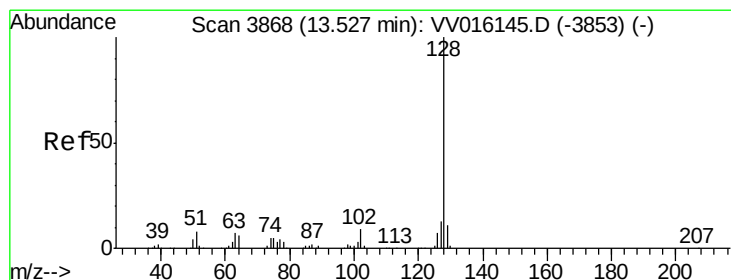
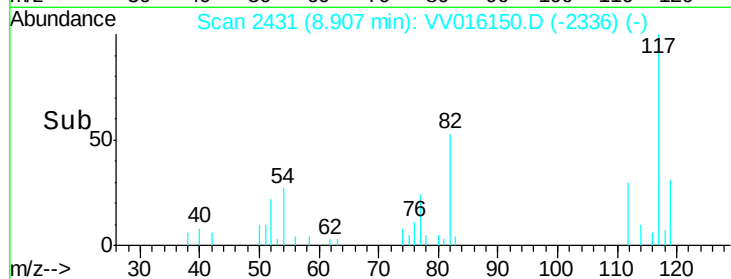
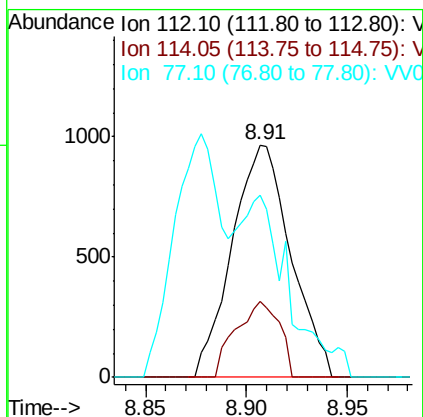
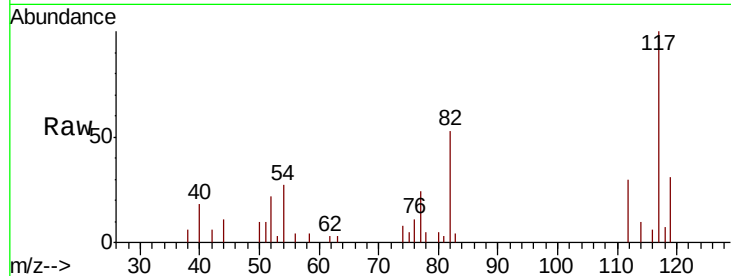




#53
Chlorobenzene
Concen: 0.087 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV016150.D
Acq: 21 May 2020 13:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:112 Resp: 1961
Ion Ratio Lower Upper
112 100
114 32.6 21.6 40.0
77 78.5 48.6 73.0#



#70
Naphthalene
Concen: 0.363 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016150.D
Acq: 21 May 2020 13:56

Tgt Ion:128 Resp: 5938
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 14.2 10.2 15.2

