

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016244.D
 Acq On : 27 May 2020 22:09
 Operator : SY/MD
 Sample : L2766-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:33:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	85859	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	84751	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25263	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	23976	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	37119	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.94	46	76359	55.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.66%
24) Chloroform-d	4.38	84	52997	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	28949	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.08	84	101034	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	32203	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	93932	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.65	79	10665	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	8.12	63	51459	46.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22481	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	32550	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	51505	60.831	ug/L	90
15) Methyl Acetate	2.21	43	50593	23.384	ug/L #	53
21) 2-Butanone	4.04	43	6791	4.509	ug/L	97
27) 1,2-Dichloroethane	5.17	62	308	0.042	ug/L #	79
30) Cyclohexane	4.70	56	1771	0.164	ug/L	97
35) Methylcyclohexane	6.10	83	7776	0.726	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3854	0.644	ug/L #	88
38) Bromodichloromethane	6.56	83	2243	0.305	ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	851	0.100	ug/L #	60
42) Toluene	7.41	91	6405	0.241	ug/L	95
46) trans-1,3-Dichloropropene	7.64	75	526	0.075	ug/L #	58
50) 2-Hexanone	8.17	43	3225	1.243	ug/L #	86
63) 1,3-Dichlorobenzene	11.29	146	2982	0.259	ug/L	92
64) 1,4-Dichlorobenzene	11.29	146	2982	0.255	ug/L	87
70) Naphthalene	13.53	128	12777	0.819	ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

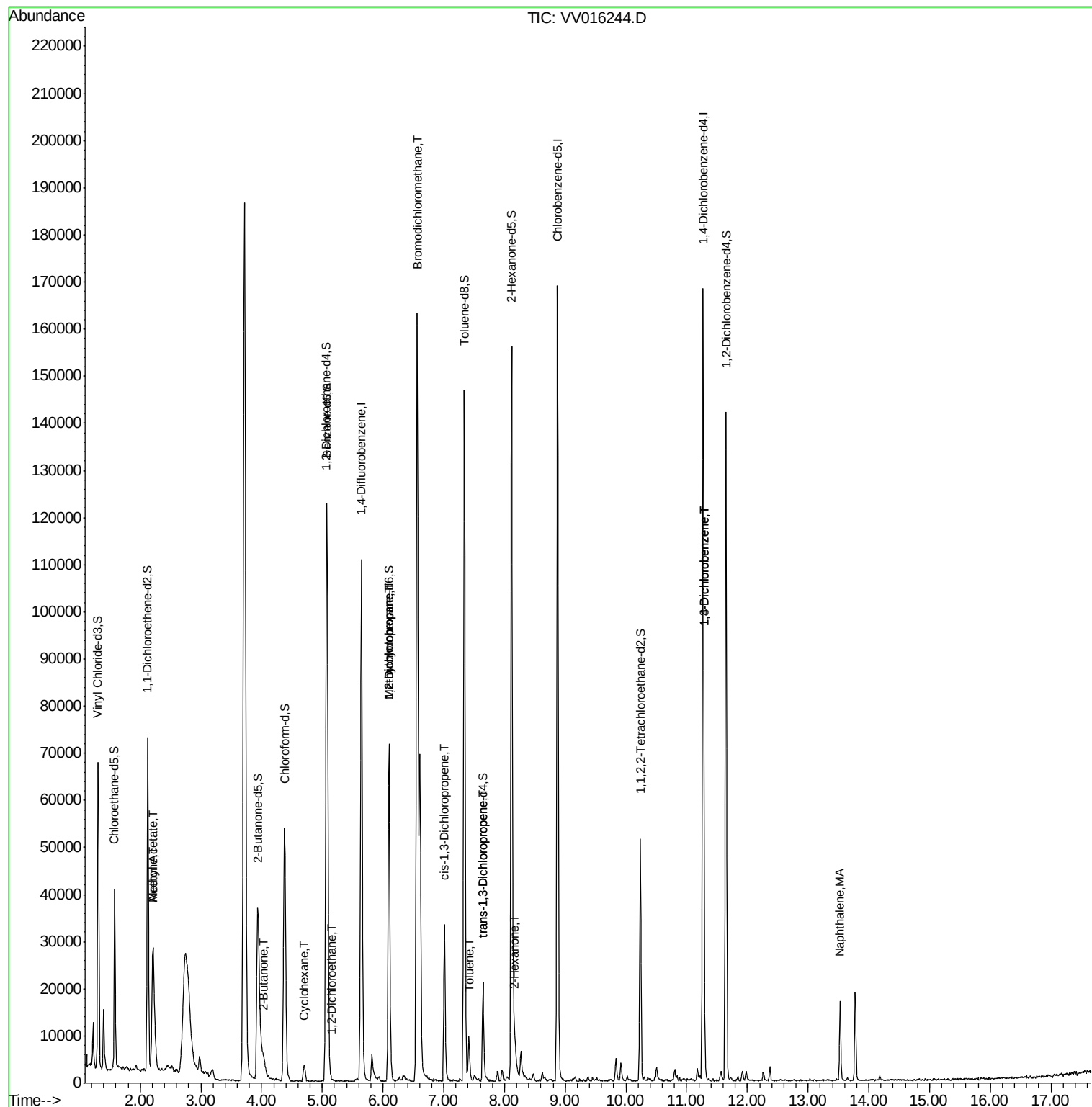
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

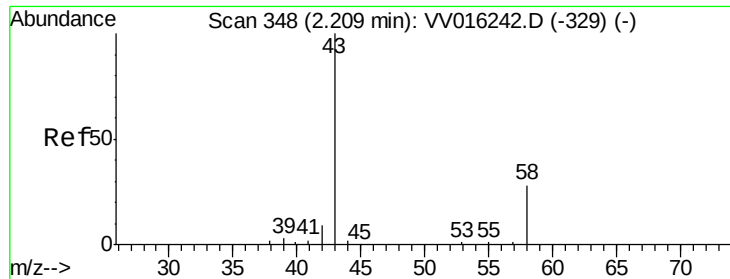
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 60.831 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV016244.D

Acq: 27 May 2020 22:09

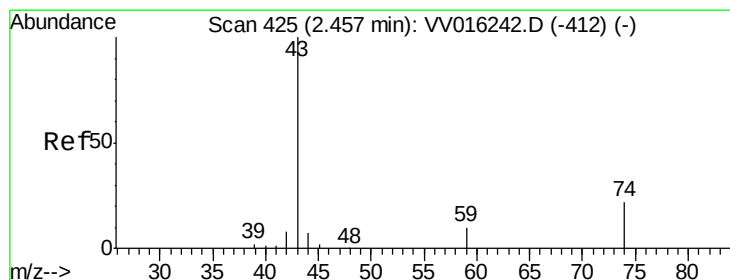
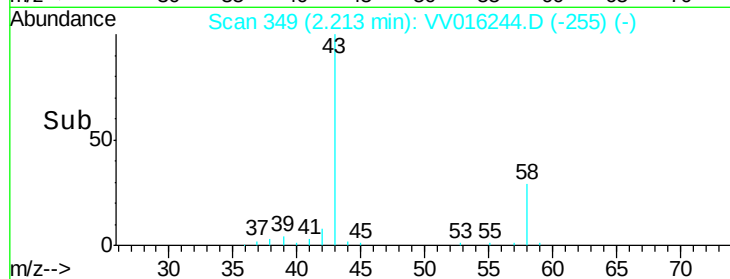
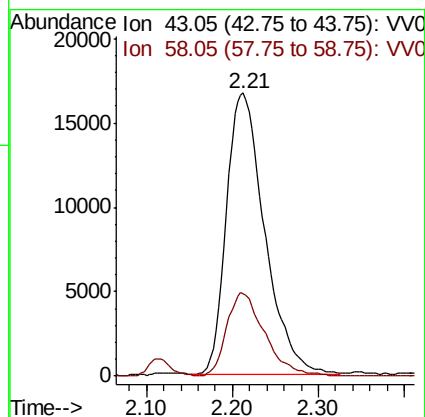
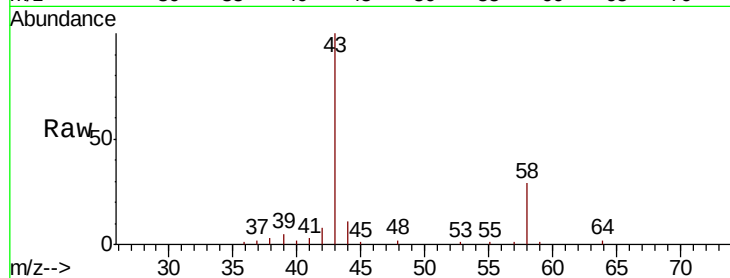
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 51505

Ion Ratio Lower Upper

43 100

58 29.4 0.0 48.8



#15

Methyl Acetate

Concen: 23.384 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.24 min

Lab File: VV016244.D

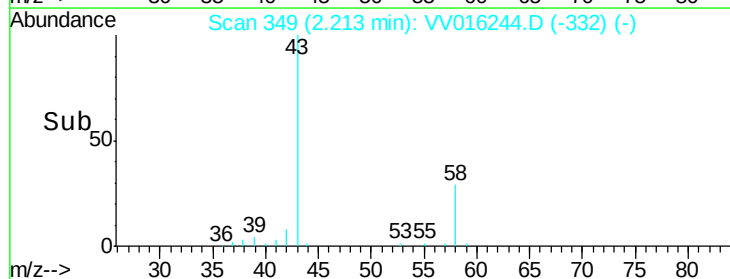
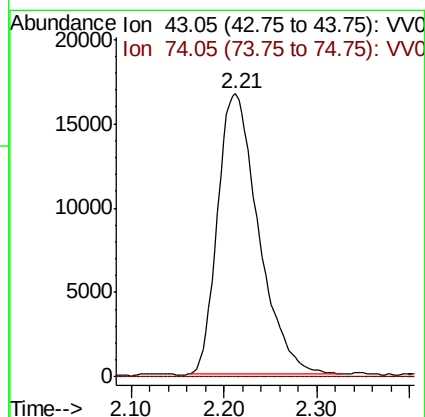
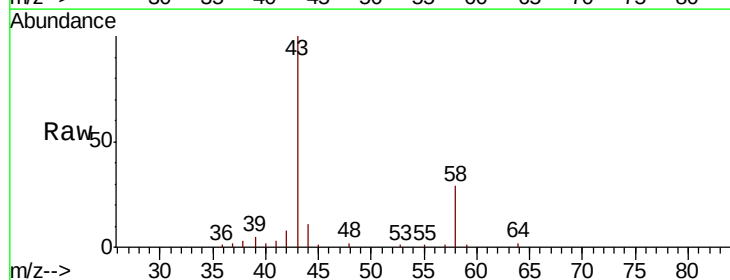
Acq: 27 May 2020 22:09

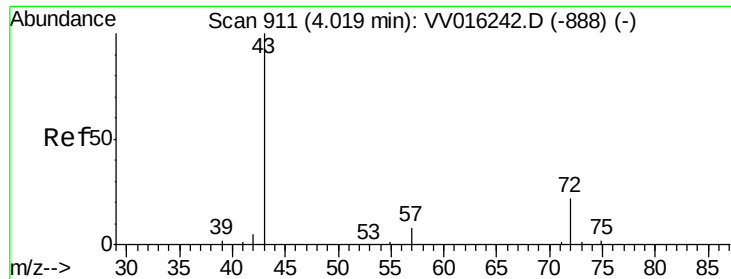
Tgt Ion: 43 Resp: 50593

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#

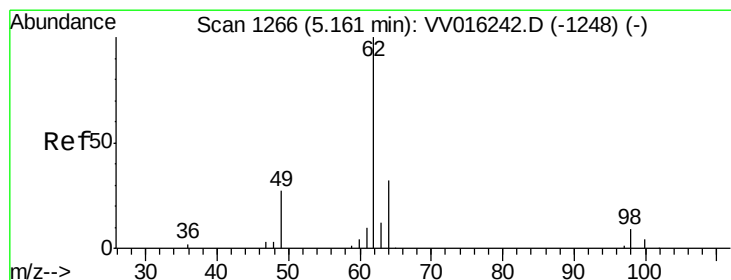
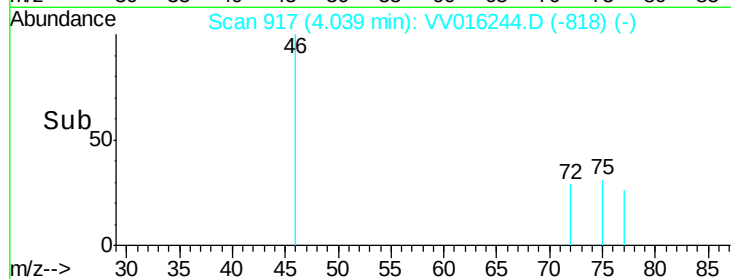
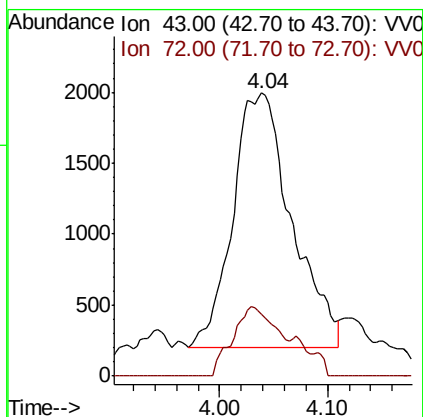
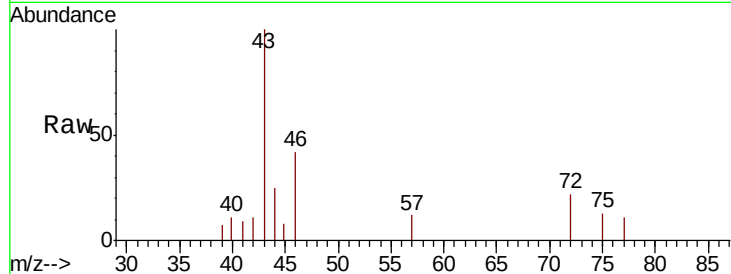




#21
 2-Butanone
 Concen: 4.509 ug/L
 RT: 4.04 min Scan# 917
 Delta R.T. 0.02 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

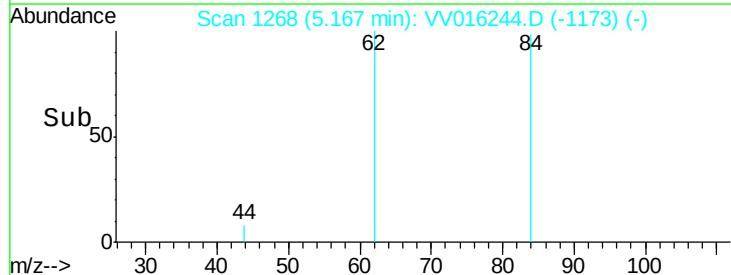
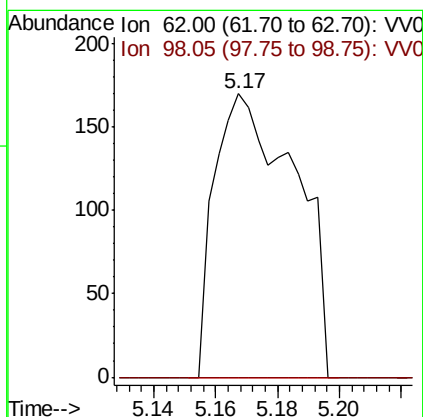
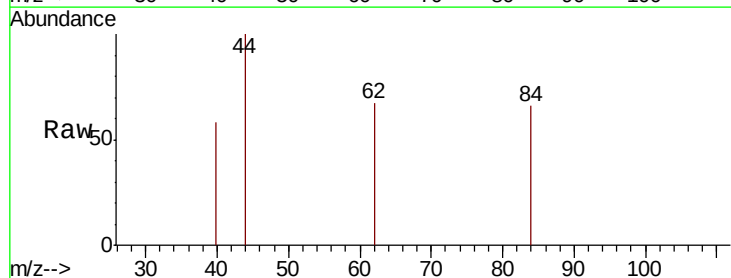
Instrument :
 MSVOA_V
 ClientSampleId :

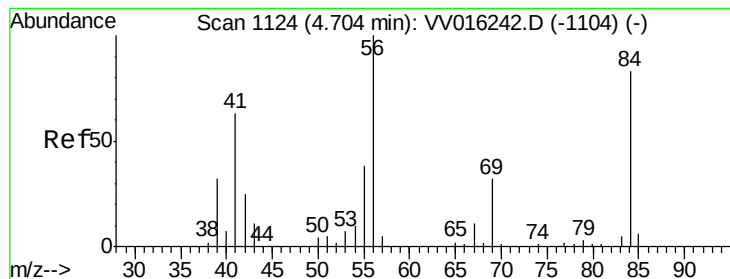
Tot Ion: 43 Resp: 6791
 Ion Ratio Lower Upper
 43 100
 72 20.7 9.7 28.9



#27
 1,2-Dichloroethane
 Concen: 0.042 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

Tgt Ion: 62 Resp: 308
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#





#30

Cyclohexane

Concen: 0.164 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016244.D

Acq: 27 May 2020 22:09

Instrument :
MSVOA_V
ClientSampled :

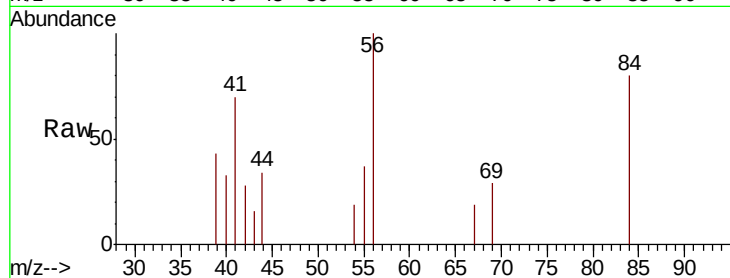
Tot Ion: 56 Resp: 1771

Ion Ratio Lower Upper

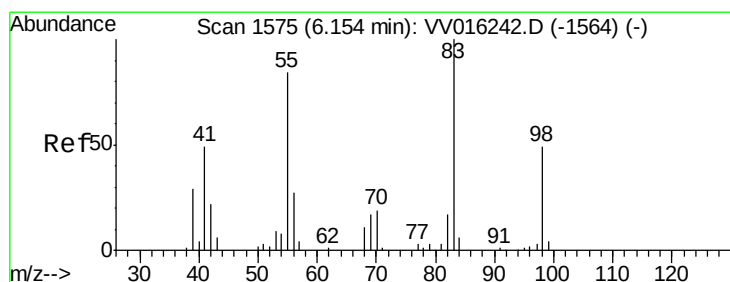
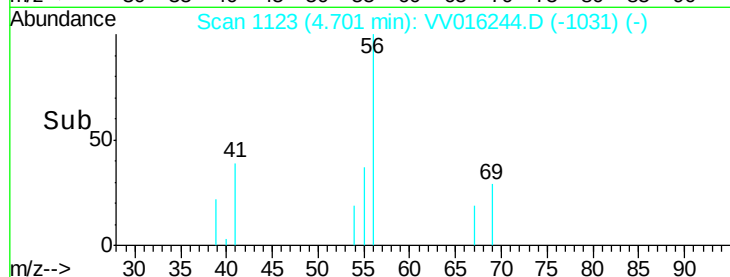
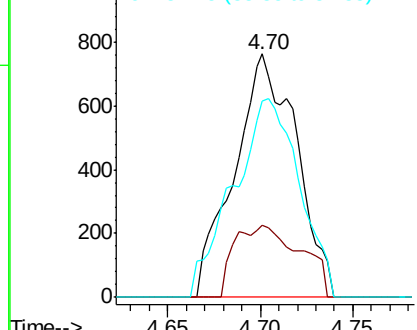
56 100

69 31.5 24.6 36.8

84 87.1 67.1 100.7



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV016244.D

Acq: 27 May 2020 22:09

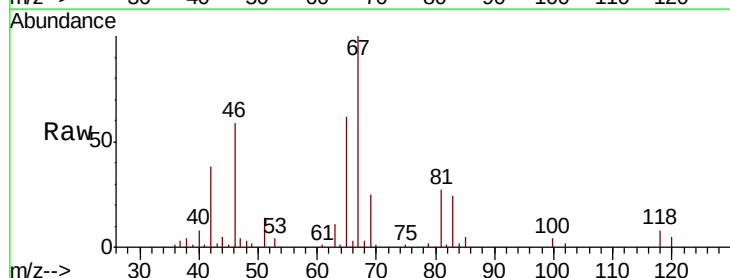
Tgt Ion: 83 Resp: 7776

Ion Ratio Lower Upper

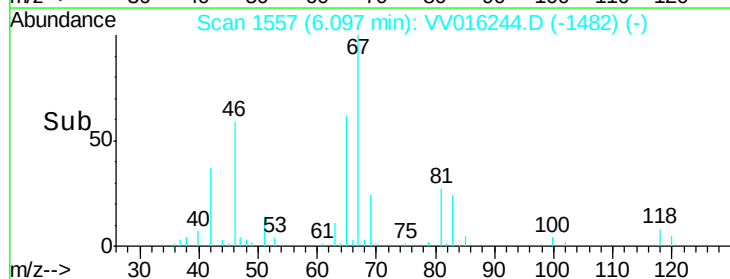
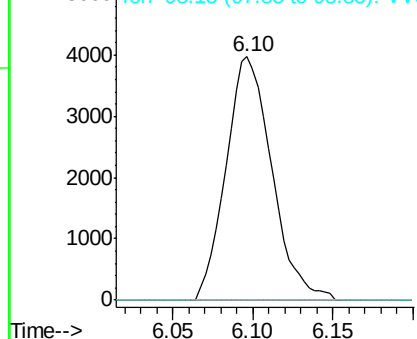
83 100

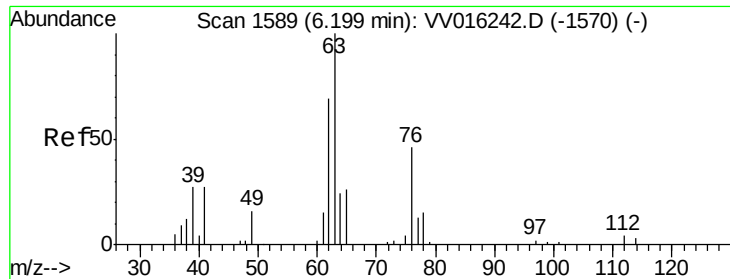
55 0.3 65.4 98.0#

98 0.0 39.3 58.9#



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

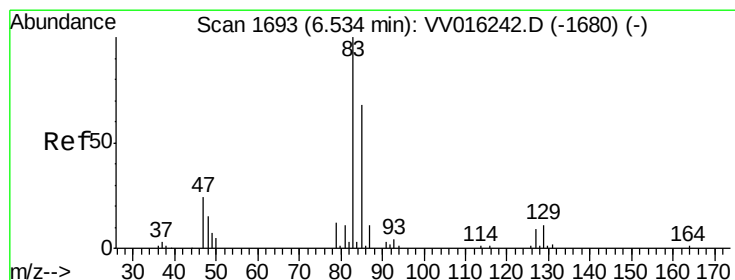
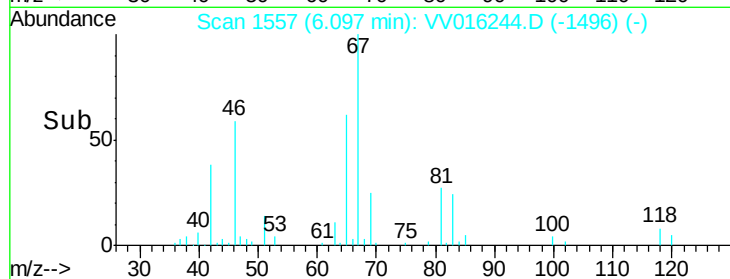
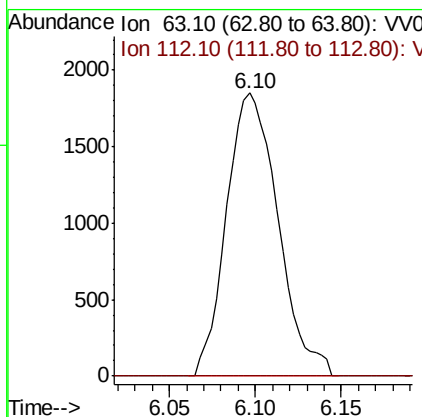
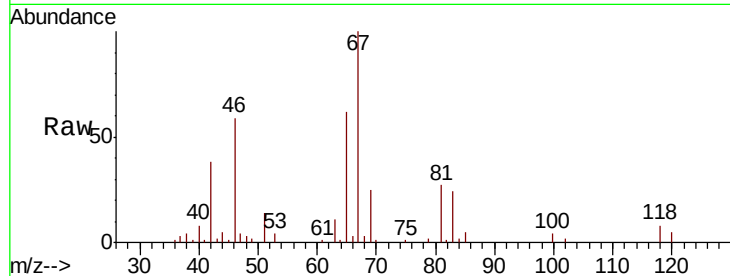




#37
 1,2-Dichloropropane
 Concen: 0.644 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

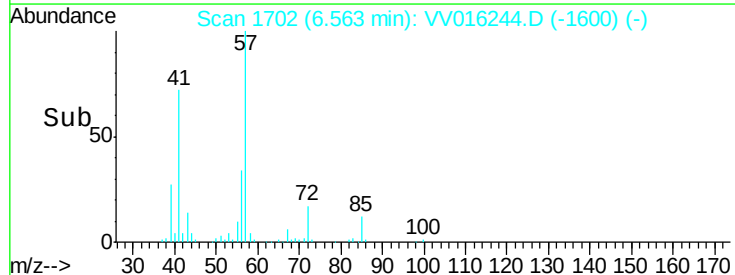
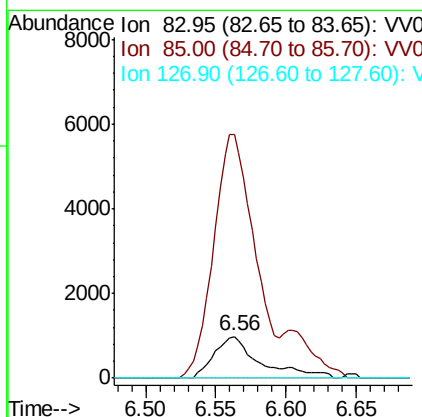
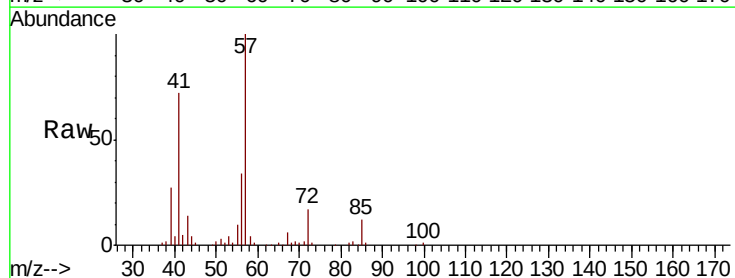
Instrument :
 MSVOA_V
 ClientSampleId :

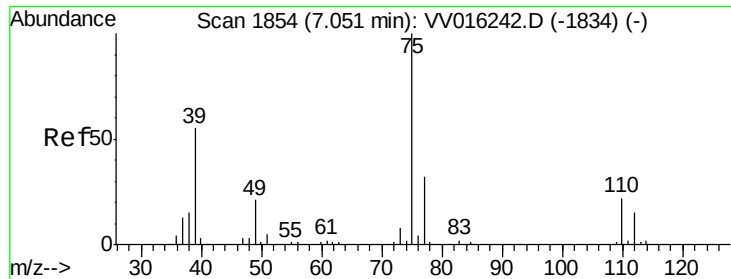
Tot Ion: 63 Resp: 3854
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#38
 Bromodichloromethane
 Concen: 0.305 ug/L
 RT: 6.56 min Scan# 1702
 Delta R.T. 0.03 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

Tgt Ion: 83 Resp: 2243
 Ion Ratio Lower Upper
 83 100
 85 586.5 44.2 82.2#
 127 0.0 7.1 10.7#

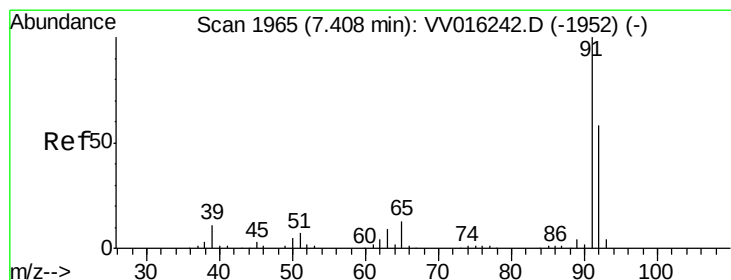
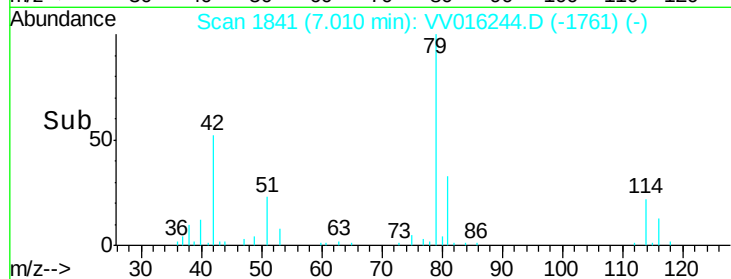
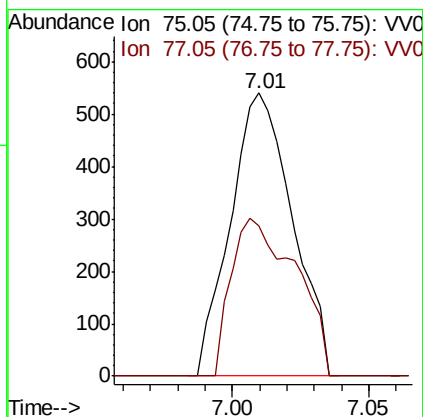
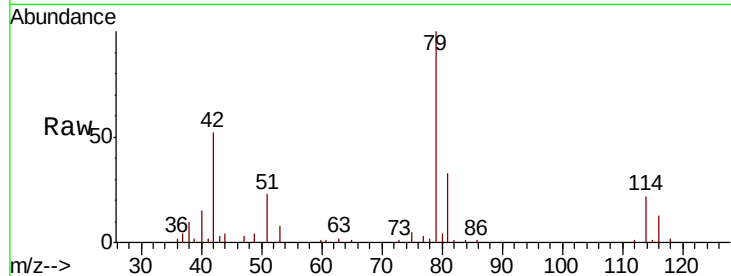




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

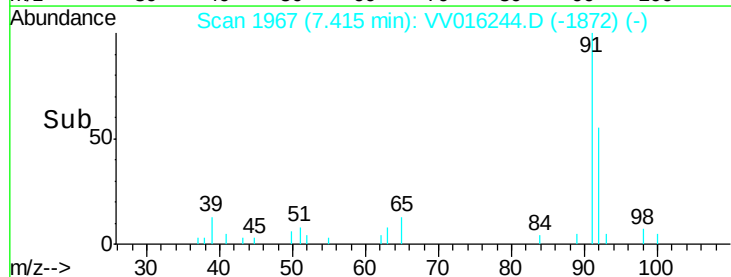
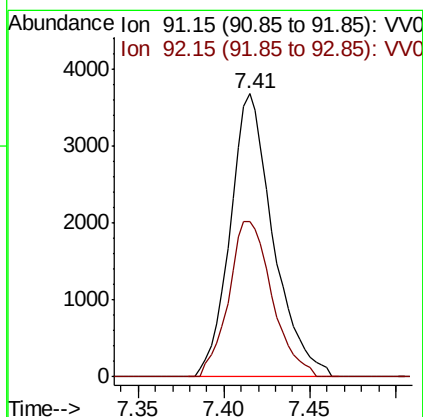
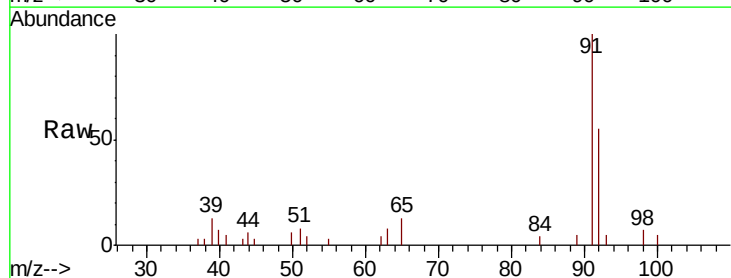
Instrument :
 MSVOA_V
 ClientSampled :

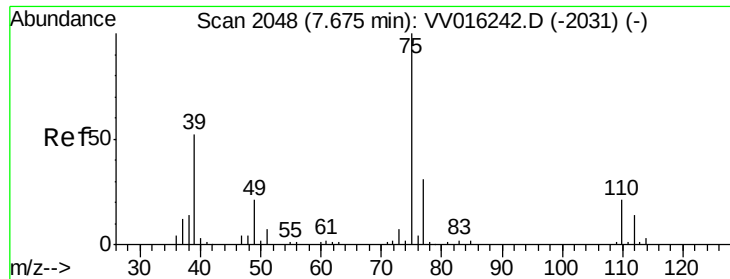
Tot Ion: 75 Resp: 851
 Ion Ratio Lower Upper
 75 100
 77 53.0 21.7 40.3#



#42
 Toluene
 Concen: 0.241 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

Tgt Ion: 91 Resp: 6405
 Ion Ratio Lower Upper
 91 100
 92 54.8 40.9 76.0

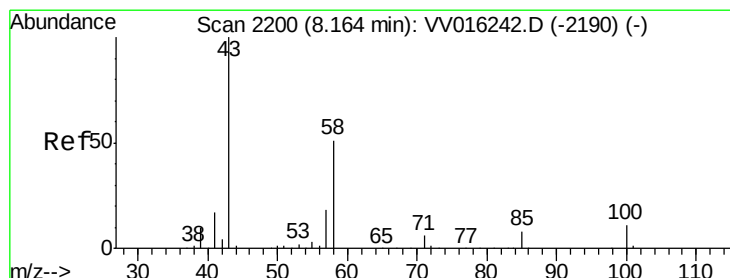
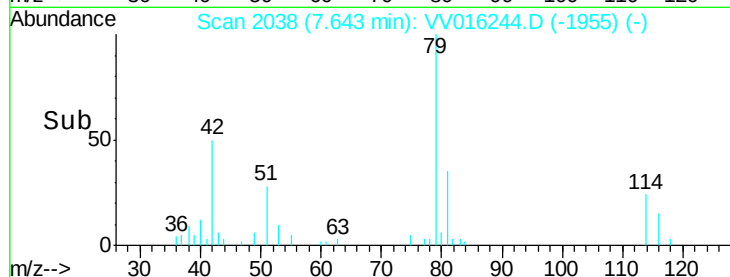
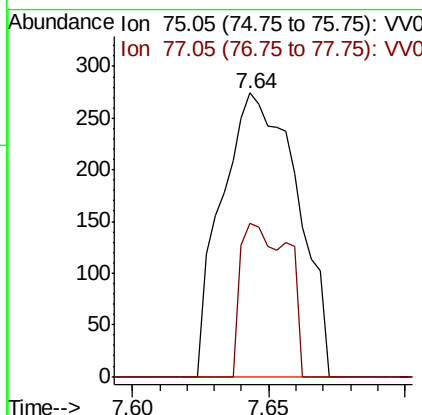
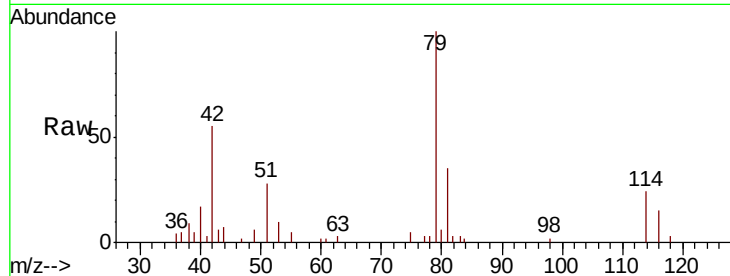




#46
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016244.D
Acq: 27 May 2020 22:09

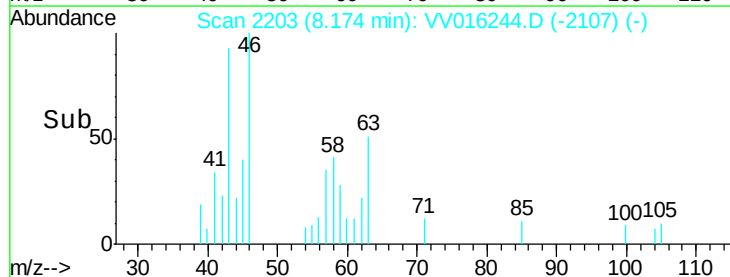
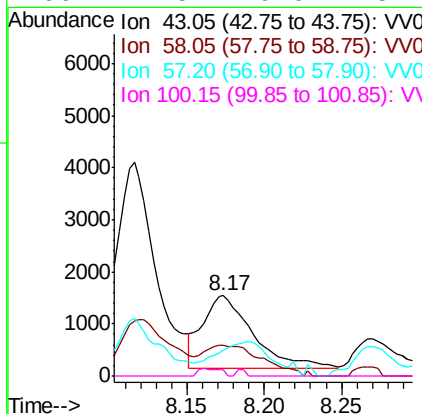
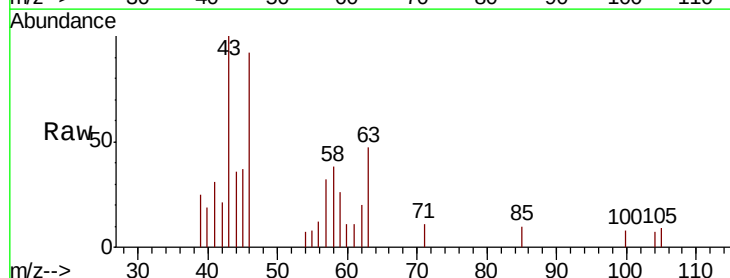
Instrument :
MSVOA_V
ClientSampleId :

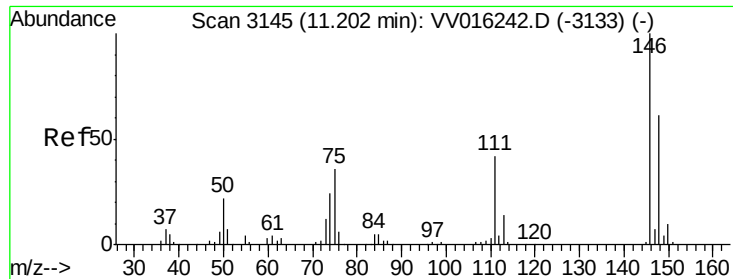
Tot Ion: 75 Resp: 526
Ion Ratio Lower Upper
75 100
77 54.0 21.7 40.3#



#50
2-Hexanone
Concen: 1.243 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV016244.D
Acq: 27 May 2020 22:09

Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 49.6 41.4 62.0
57 0.0 15.0 22.4#
100 4.5 9.0 13.4#

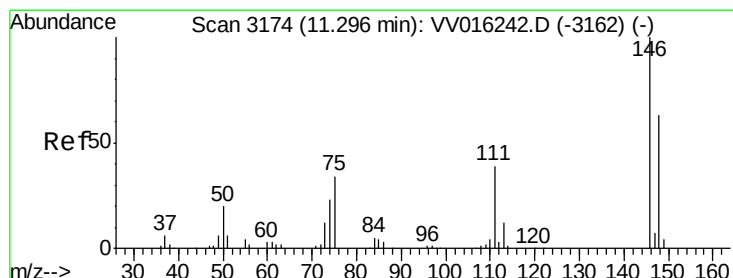
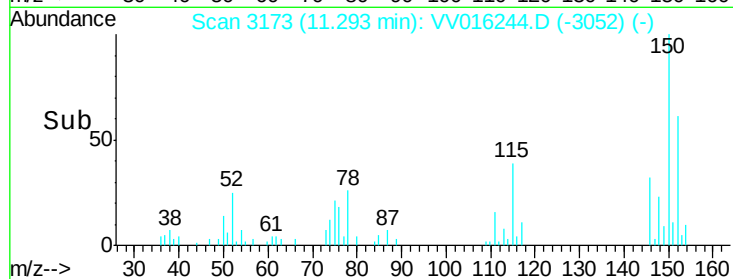
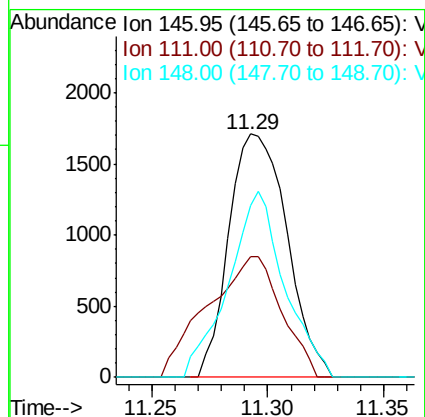
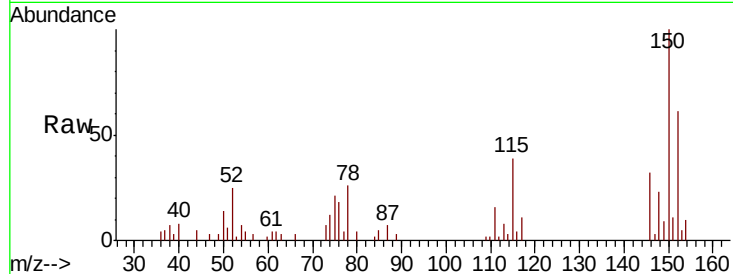




#63
 1,3-Dichlorobenzene
 Concen: 0.259 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.09 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

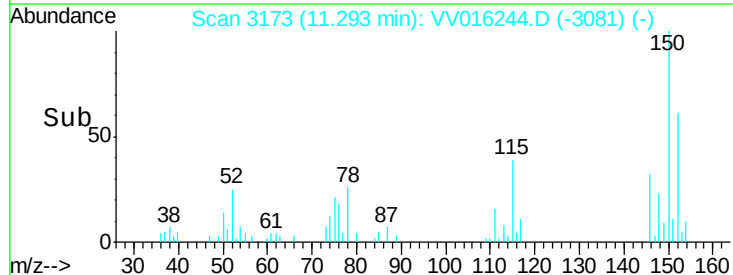
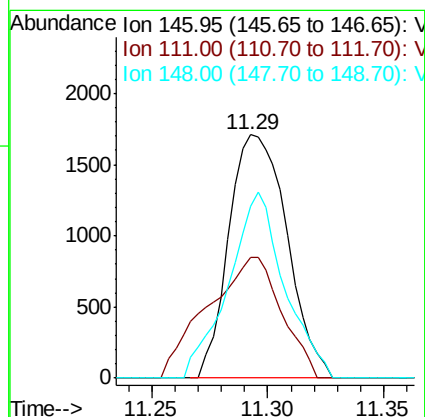
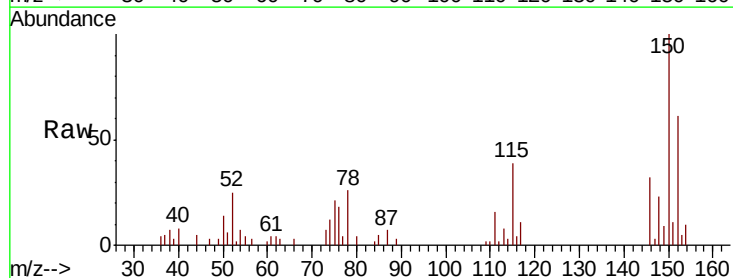
Instrument :
 MSVOA_V
 ClientSampled :

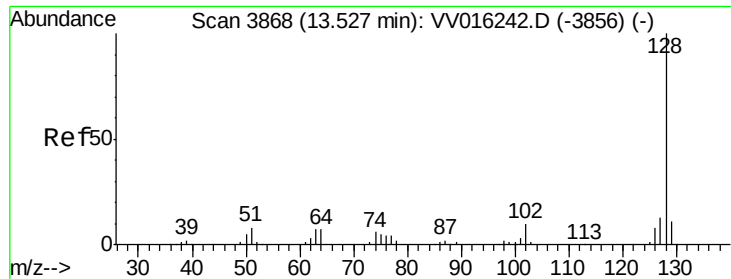
Tot Ion:146 Resp: 2982
 Ion Ratio Lower Upper
 146 100
 111 49.7 29.7 55.1
 148 70.5 45.9 85.3



#64
 1,4-Dichlorobenzene
 Concen: 0.255 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV016244.D
 Acq: 27 May 2020 22:09

Tgt Ion:146 Resp: 2982
 Ion Ratio Lower Upper
 146 100
 111 49.7 28.3 52.7
 148 70.5 43.3 80.3





#70

Naphthalene

Concen: 0.819 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016244.D

Acq: 27 May 2020 22:09

Instrument :

MSVOA_V

ClientSampleId :

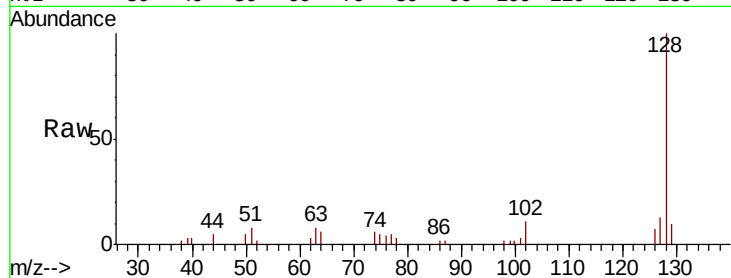
Tot Ion:128 Resp: 12777

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

