

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015829.D
 Acq On : 30 Apr 2020 12:09
 Operator : SY/MD
 Sample : L2421-10DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:44:53 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	125839	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36982	5.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.40%
7) Chloroethane-d5	1.58	69	32571	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	53858	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.97	46	97599	46.22	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.38	84	69049	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	42078	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	140701	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	44298	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	126715	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.65	79	14532	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.12	63	72422	41.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29549	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	45582	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	575	0.073 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	622	0.085 ug/L #	1
16) Methylene chloride	2.52	84	1654	0.183 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	253039	12.308 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	6768	0.746 ug/L	100
25) Chloroform	4.41	83	5664	0.331 ug/L	91
34) Trichloroethene	5.94	95	54242	5.619 ug/L	97
35) Methylcyclohexane	6.10	83	11078	0.748 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	5815	0.654 ug/L #	86
42) Toluene	7.41	91	25878	0.693 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	891	0.086 ug/L	94
48) 2-Hexanone	8.18	43	5105	1.241 ug/L #	75
52) Ethylbenzene	9.04	91	6601	0.153 ug/L	97
53) m,p-xylene	9.16	106	7327	0.463 ug/L	97
54) o-xylene	9.57	106	3260	0.213 ug/L	89

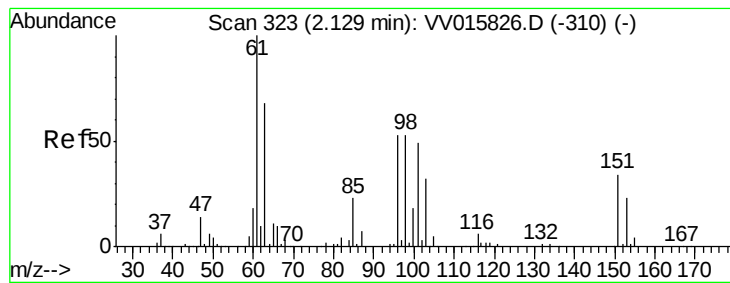
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
Data File : VV015829.D
Acq On : 30 Apr 2020 12:09
Operator : SY/MD
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Instrument :
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ClientSampleId :

Quant Time: May 01 01:44:53 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)

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



#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

Instrument :

MSVOA_V

ClientSampled :

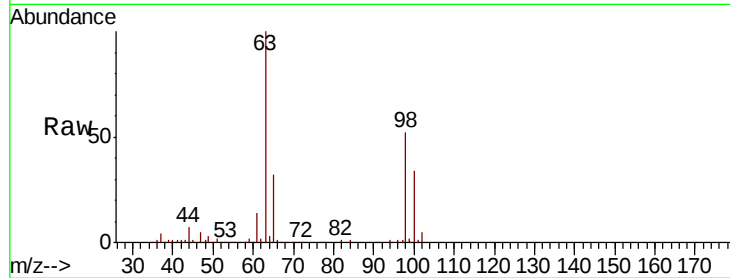
Tot Ion:101 Resp: 575

Ion Ratio Lower Upper

101 100

85 3.5 36.1 54.1#

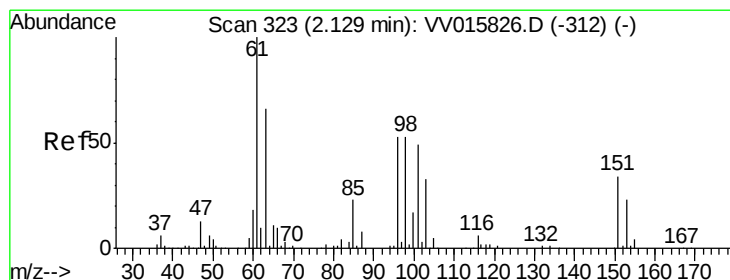
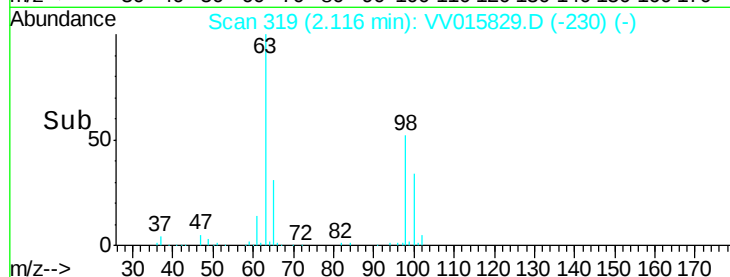
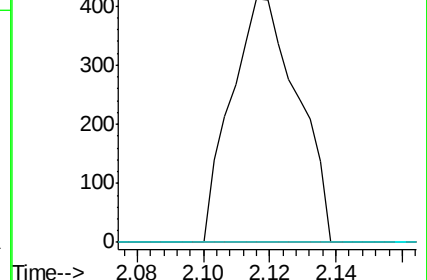
151 0.0 55.2 82.8#



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: 0.085 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

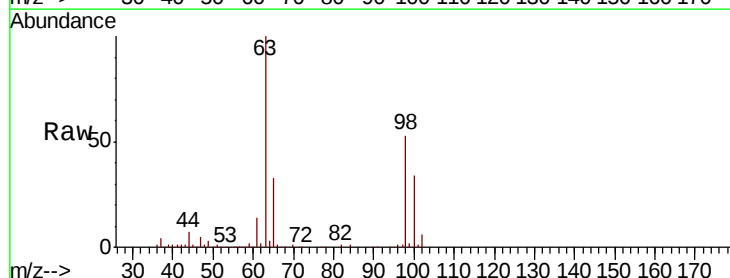
Tgt Ion: 96 Resp: 622

Ion Ratio Lower Upper

96 100

61 1584.3 130.1 241.7#

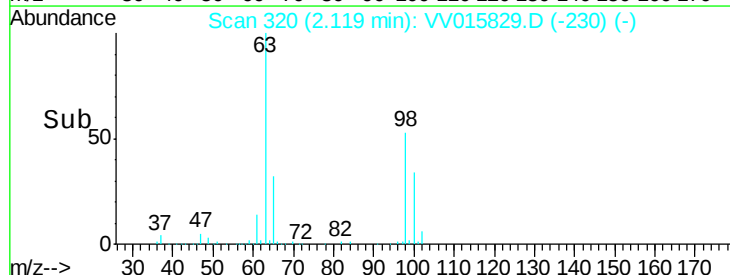
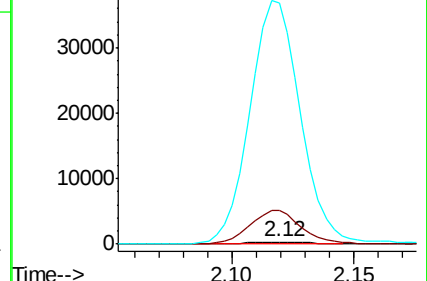
63 11364.9 91.4 169.8#

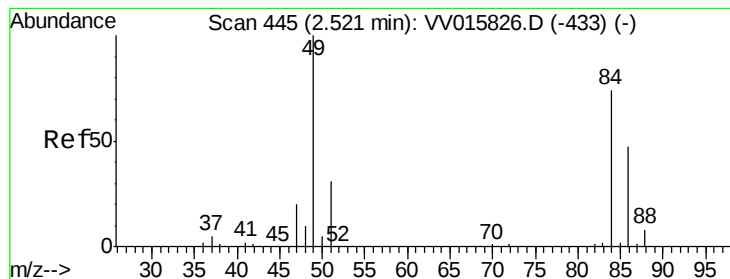


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methvlene chloride

Concen: 0.183 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

Instrument :

MSVOA_V

ClientSampleId :

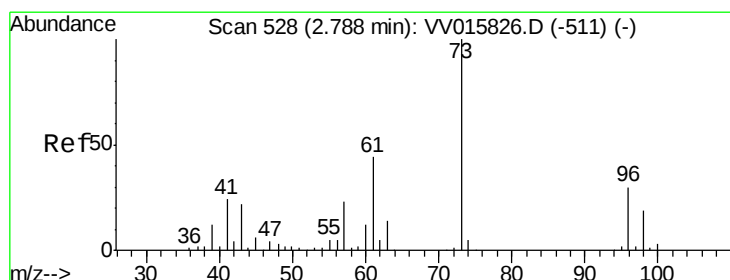
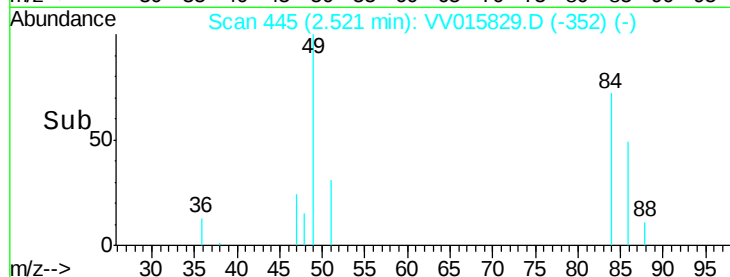
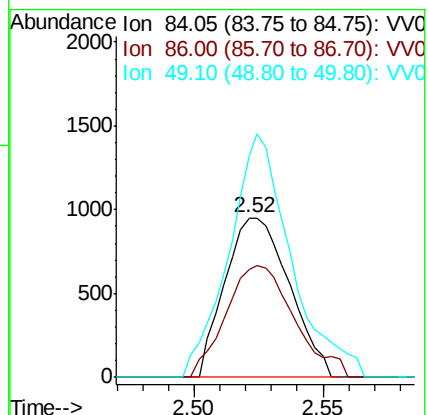
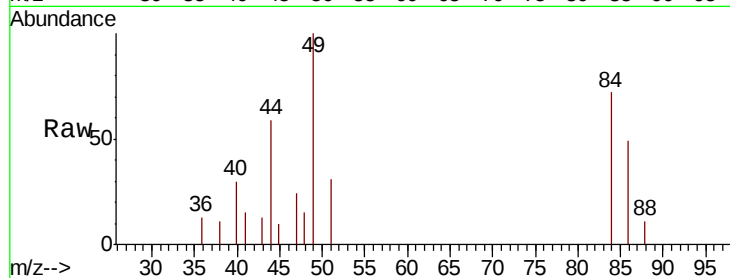
Tot Ion: 84 Resp: 1654

Ion Ratio Lower Upper

84 100

86 67.6 45.1 83.7

49 138.5 94.4 175.4



#17

Methyl tert-butyl Ether

Concen: 12.308 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

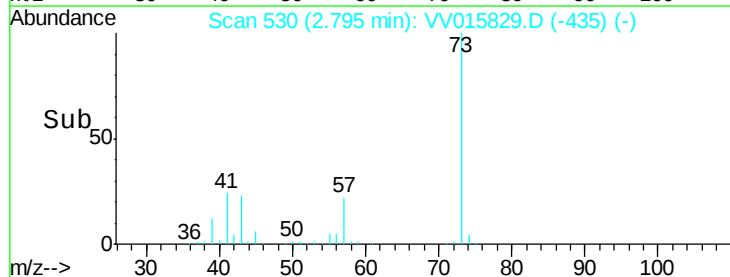
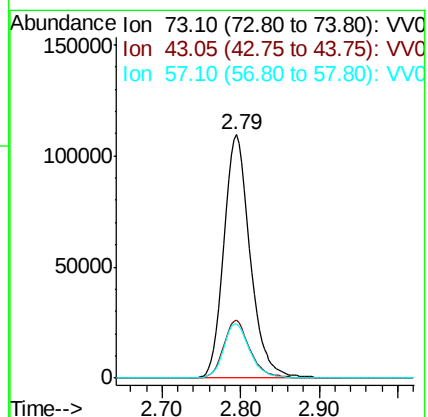
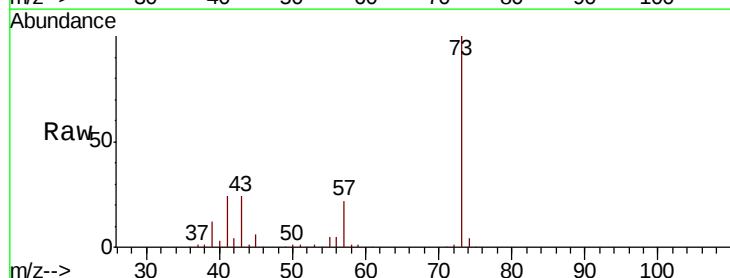
Tgt Ion: 73 Resp: 253039

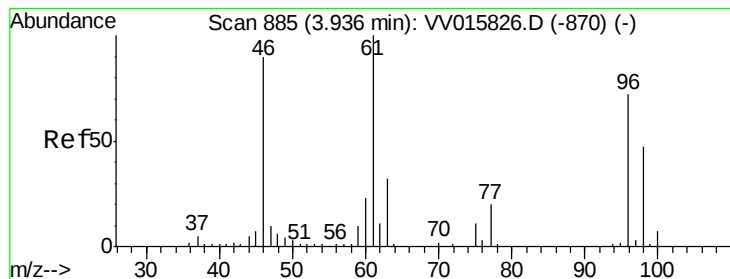
Ion Ratio Lower Upper

73 100

43 23.9 20.1 30.1

57 22.2 17.8 26.8





#22

cis-1,2-Dichloroethene

Concen: 0.746 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

Instrument :
MSVOA_V
ClientSampled :

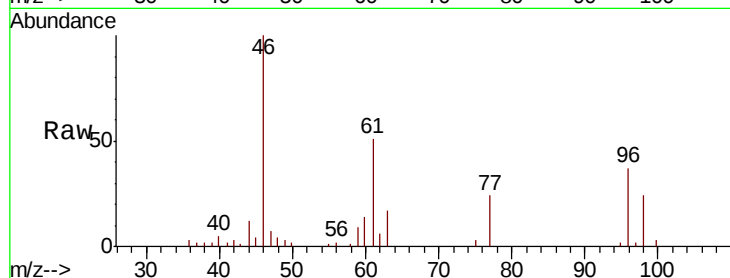
Tot Ion: 96 Resp: 6768

Ion Ratio Lower Upper

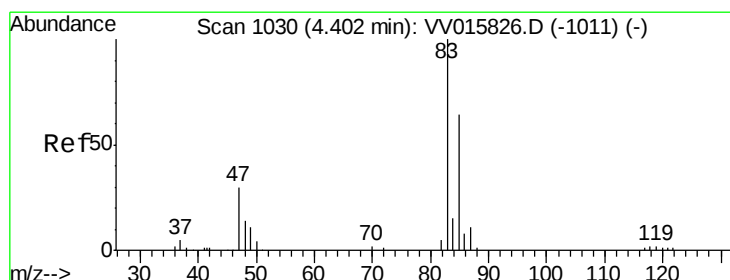
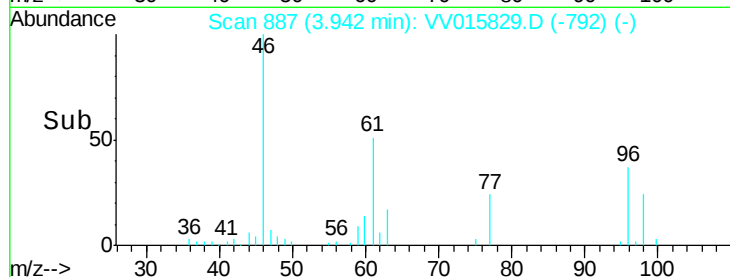
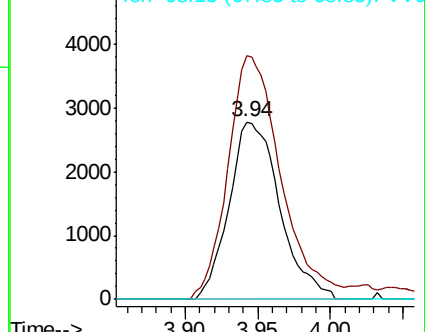
96 100

61 137.3 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: 0.331 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015829.D

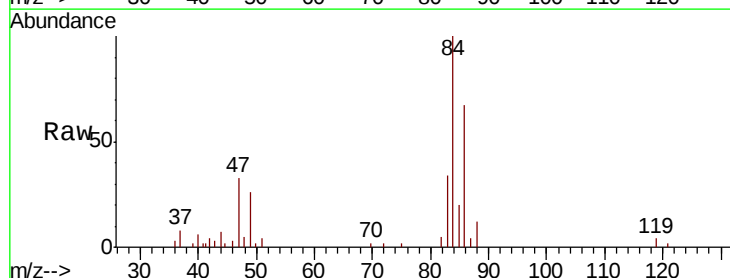
Acq: 30 Apr 2020 12:09

Tgt Ion: 83 Resp: 5664

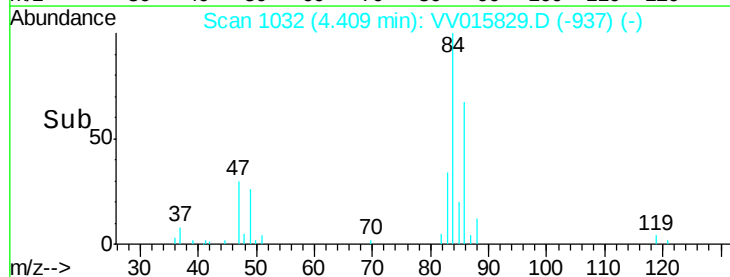
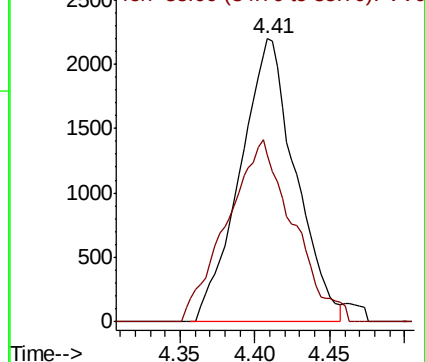
Ion Ratio Lower Upper

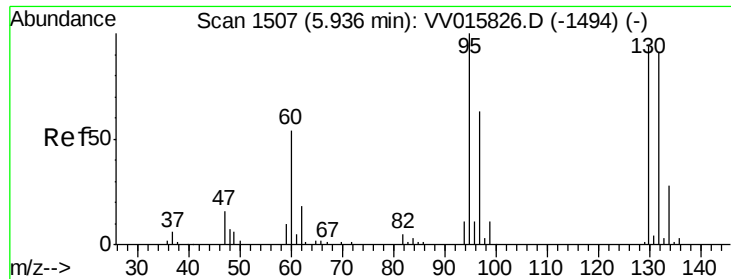
83 100

85 59.0 46.1 85.5



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





#34

Trichloroethene

Concen: 5.619 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 54242

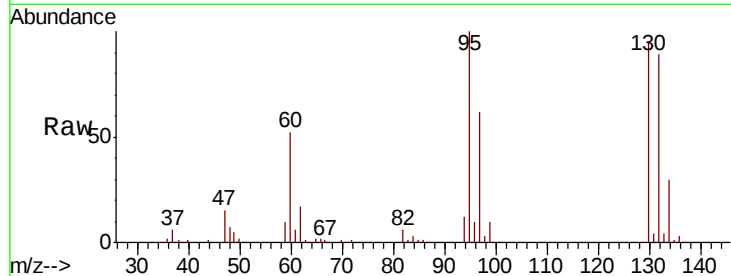
Ion Ratio Lower Upper

95 100

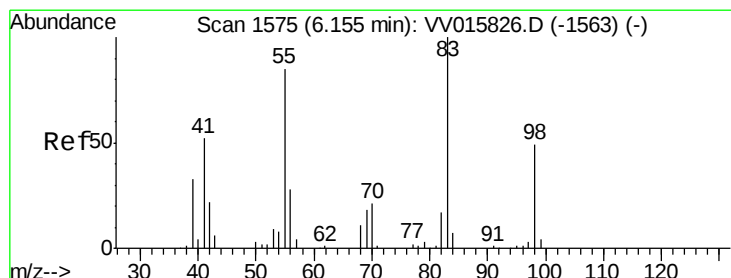
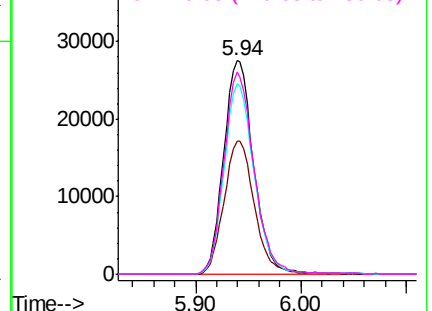
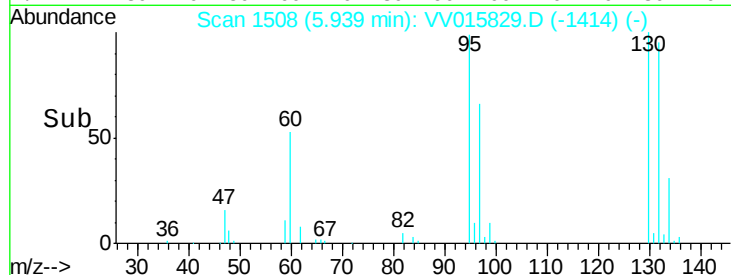
97 62.4 44.7 82.9

132 89.4 65.2 121.0

130 94.5 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VV015829.D (-1414) (-)



#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

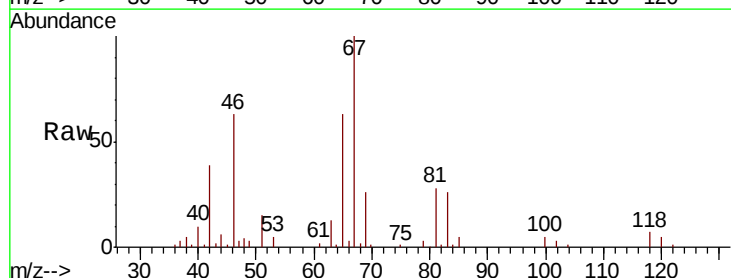
Tgt Ion: 83 Resp: 11078

Ion Ratio Lower Upper

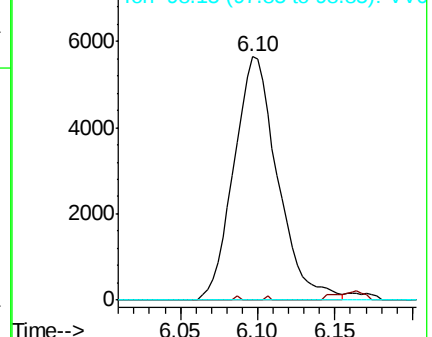
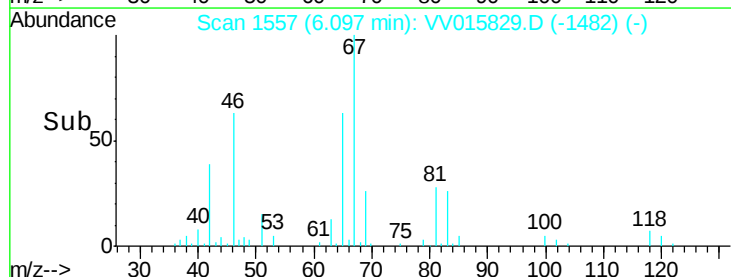
83 100

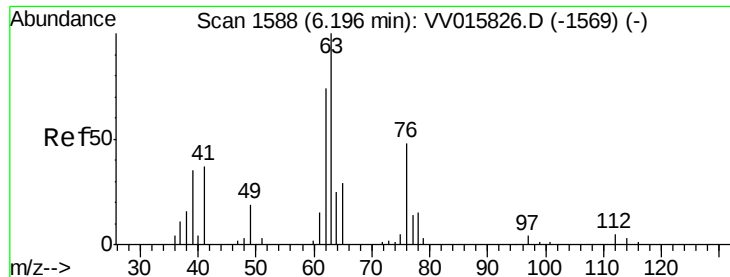
55 0.2 66.6 99.8#

98 0.0 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VV015829.D (-1482) (-)





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015829.D

Acq: 30 Apr 2020 12:09

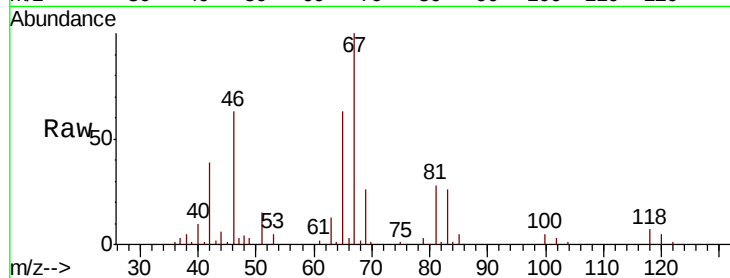
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 5815

Ion Ratio Lower Upper

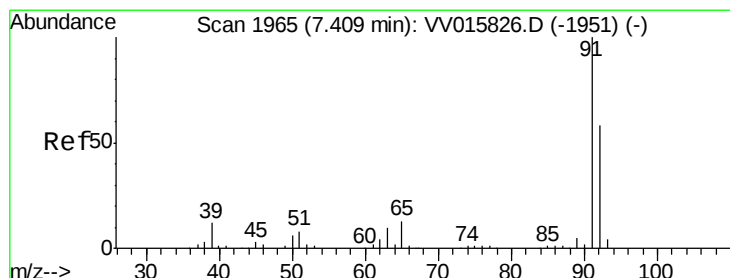
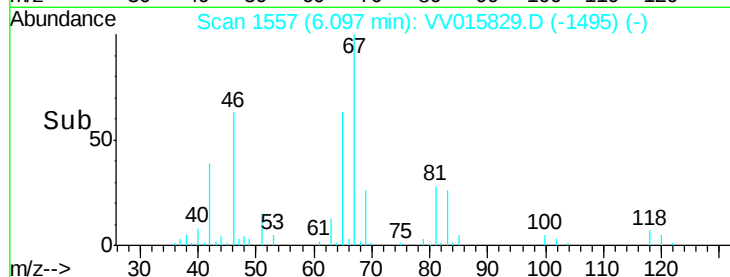
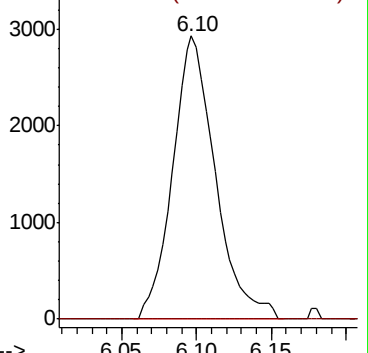
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015826.D (-1569) (-)

Ion 112.10 (111.80 to 112.80): VV015826.D (-1569) (-)



#42

Toluene

Concen: 0.693 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015829.D

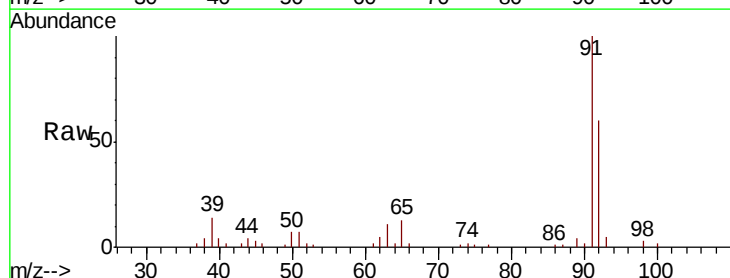
Acq: 30 Apr 2020 12:09

Tgt Ion: 91 Resp: 25878

Ion Ratio Lower Upper

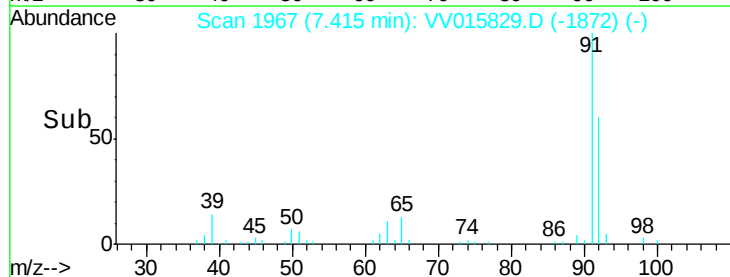
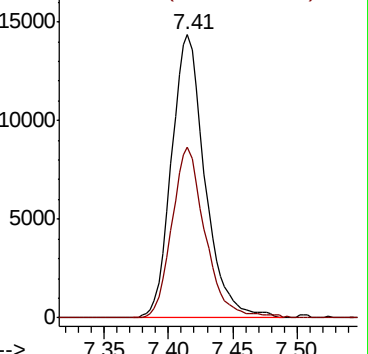
91 100

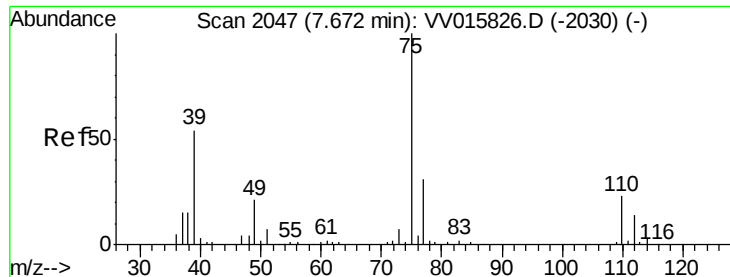
92 60.1 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV015829.D (-1872) (-)

Ion 92.15 (91.85 to 92.85): VV015829.D (-1872) (-)

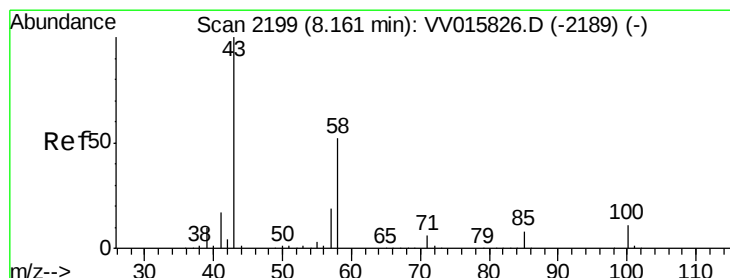
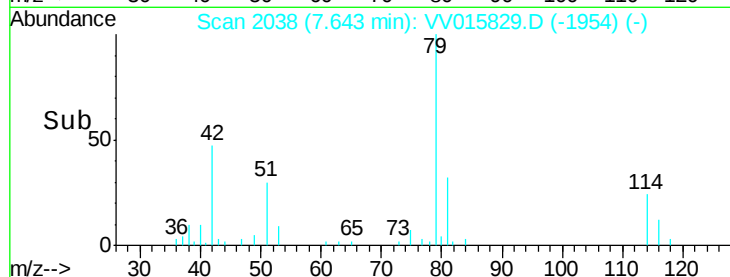
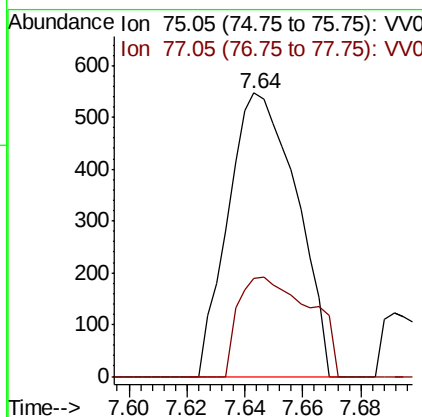
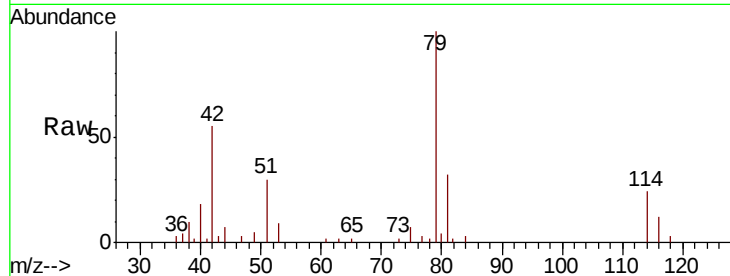




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015829.D
Acq: 30 Apr 2020 12:09

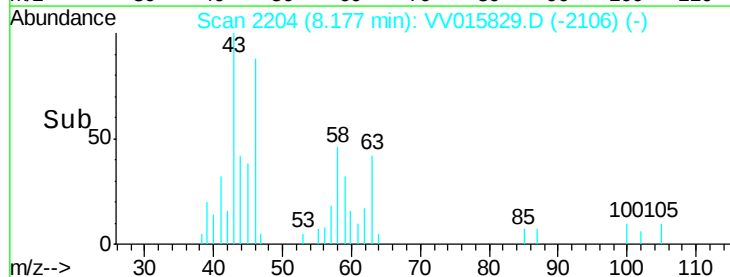
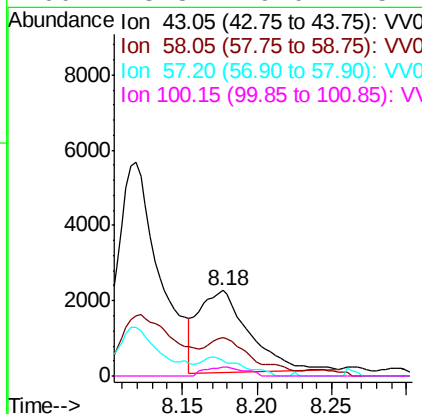
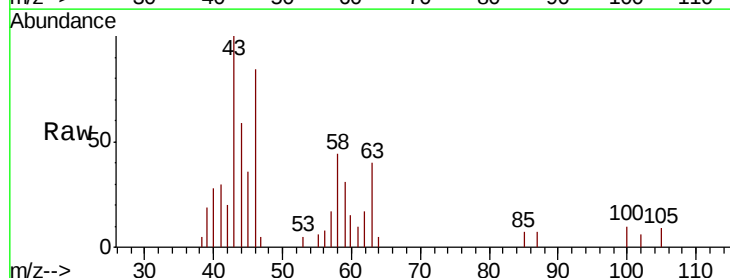
Instrument :
MSVOA_V
ClientSampleId :

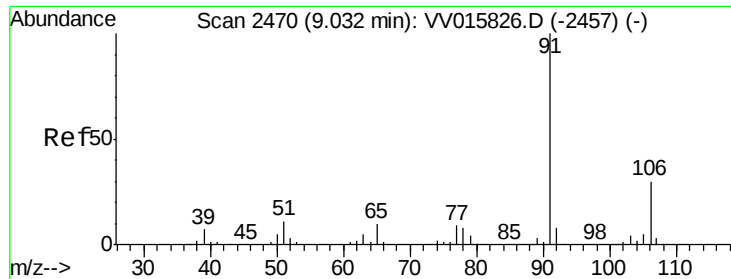
Tot Ion: 75 Resp: 891
Ion Ratio Lower Upper
75 100
77 34.7 21.8 40.6



#48
2-Hexanone
Concen: 1.241 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.02 min
Lab File: VV015829.D
Acq: 30 Apr 2020 12:09

Tgt Ion: 43 Resp: 5105
Ion Ratio Lower Upper
43 100
58 25.3 41.1 61.7#
57 18.5 15.0 22.4
100 8.8 9.0 13.4#

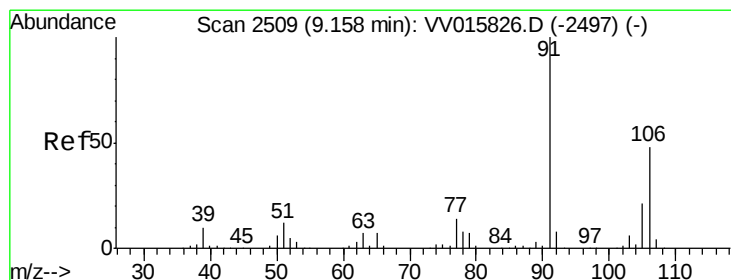
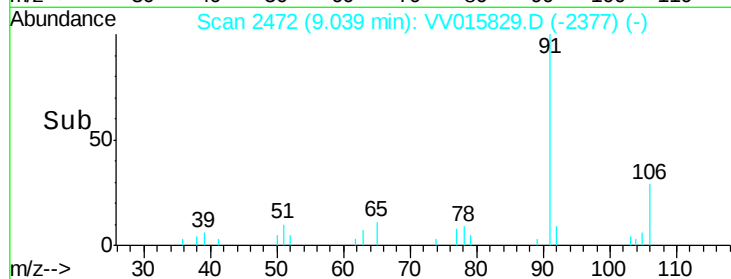
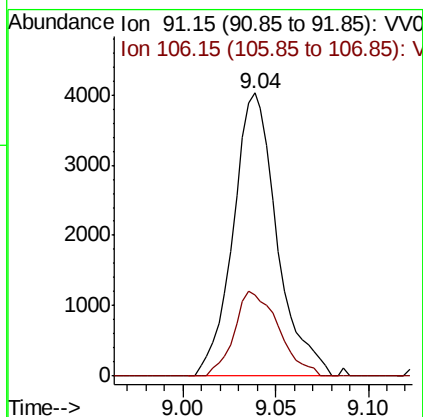
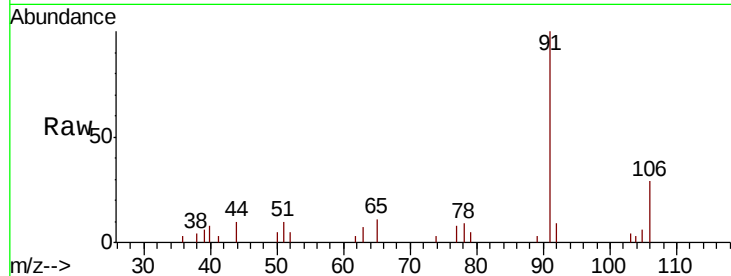




#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV015829.D
Acq: 30 Apr 2020 12:09

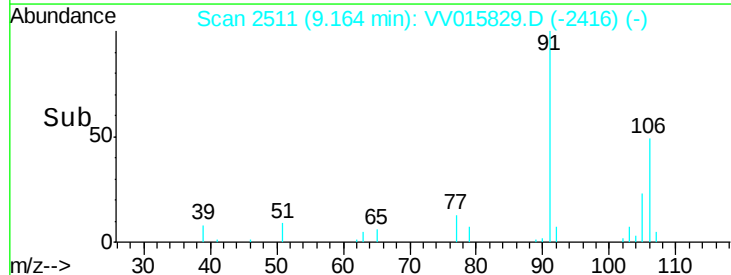
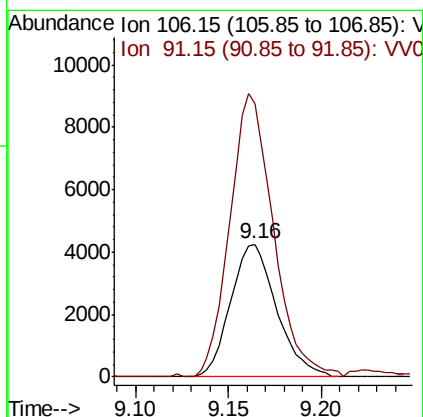
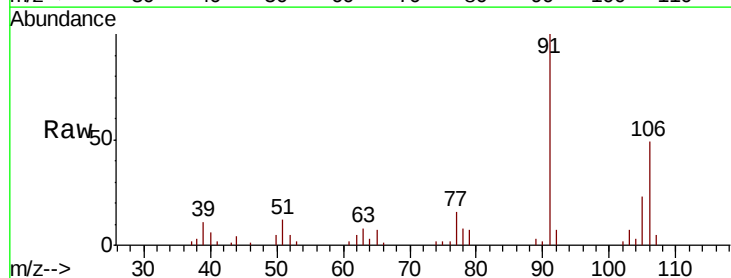
Instrument :
MSVOA_V
ClientSampleId :

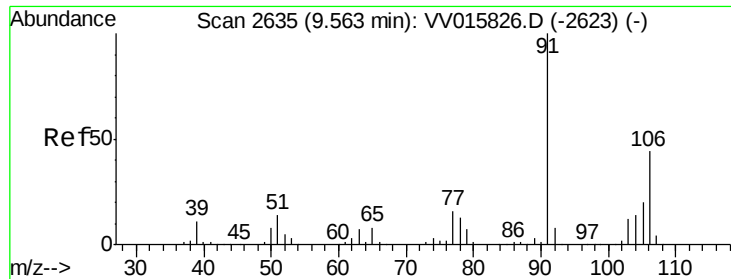
Tot Ion: 91 Resp: 6601
Ion Ratio Lower Upper
91 100
106 28.9 21.3 39.5



#53
m,p-xylene
Concen: 0.463 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV015829.D
Acq: 30 Apr 2020 12:09

Tgt Ion: 106 Resp: 7327
Ion Ratio Lower Upper
106 100
91 205.9 147.8 274.4





#54
 o-xylene
 Concen: 0.213 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV015829.D
 Acq: 30 Apr 2020 12:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 3260
 Ion Ratio Lower Upper
 106 100
 91 246.0 159.8 296.8

