

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015853.D
 Acq On : 01 May 2020 12:37
 Operator : SY/MD
 Sample : L2416-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:08:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	111151	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	110948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49877	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34644	5.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.20%
7) Chloroethane-d5	1.57	69	31509	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.12	63	50658	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.96	46	88798	47.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.22%
24) Chloroform-d	4.37	84	69414	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.06	65	40296	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.07	84	133820	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.09	67	41945	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	116604	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.64	79	12997	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.12	63	59959	37.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27387	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41915	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

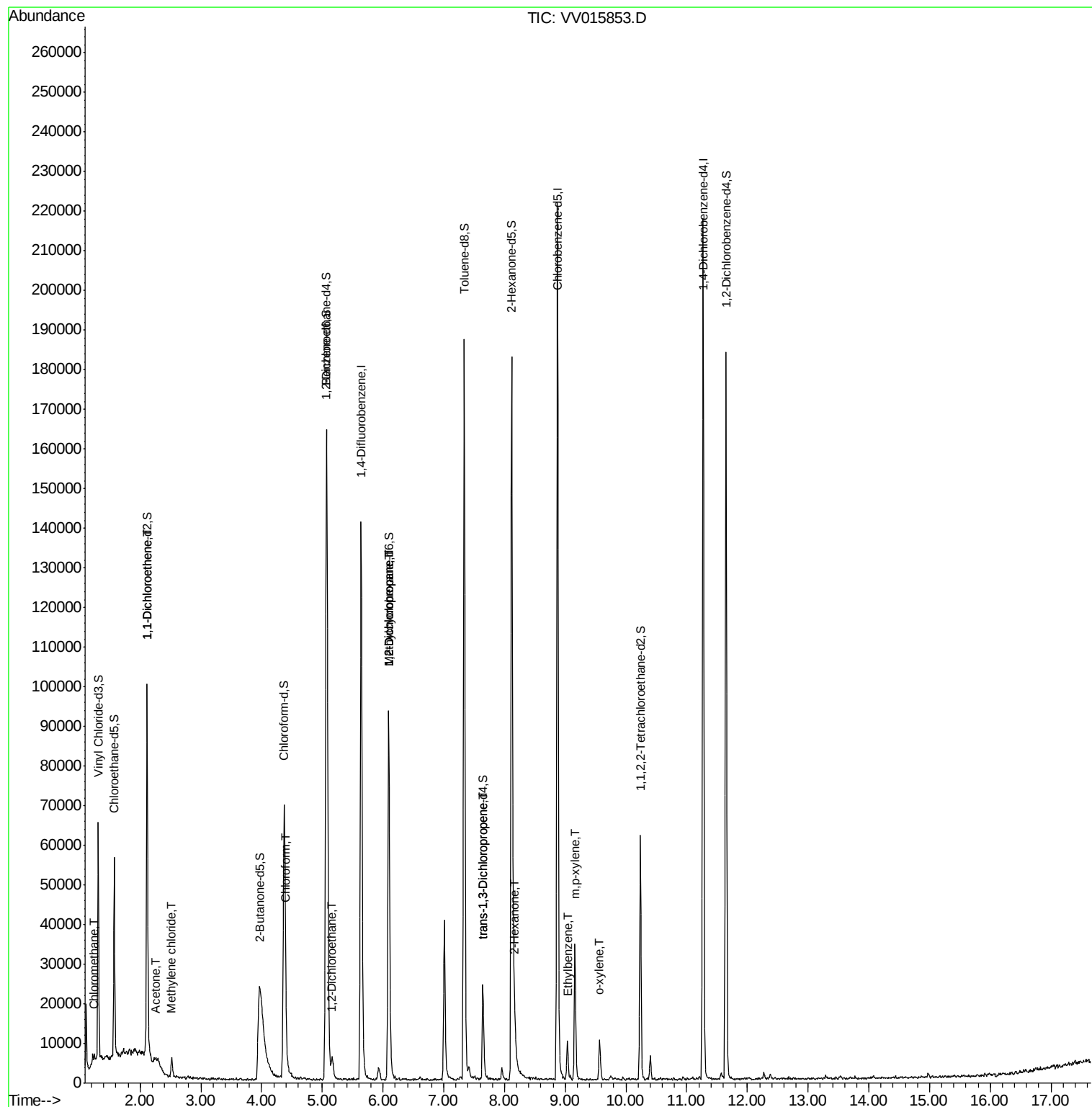
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.24	50	659	0.080	ug/L	83
12) 1,1-Dichloroethene	2.12	96	620	0.096	ug/L #	1
13) Acetone	2.26	43	6917	5.341	ug/L	88
16) Methylene chloride	2.52	84	1901	0.238	ug/L	95
25) Chloroform	4.41	83	3022	0.200	ug/L	95
27) 1,2-Dichloroethane	5.17	62	4919	0.496	ug/L #	94
35) Methylcyclohexane	6.09	83	10794	0.803	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5407	0.671	ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	646	0.068	ug/L	88
48) 2-Hexanone	8.17	43	5654	1.516	ug/L #	83
52) Ethylbenzene	9.04	91	6486	0.165	ug/L	94
53) m,p-xylene	9.16	106	9645	0.672	ug/L	100
54) o-xylene	9.57	106	2351	0.169	ug/L	99

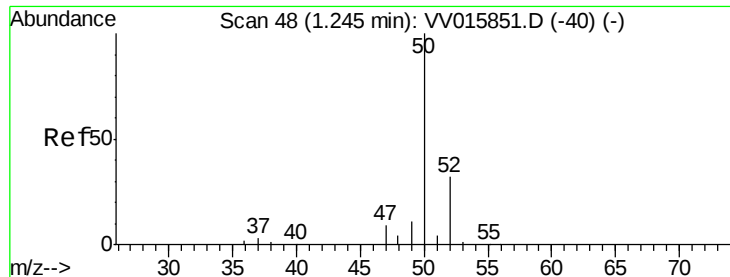
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV015853.D

Acq: 01 May 2020 12:37

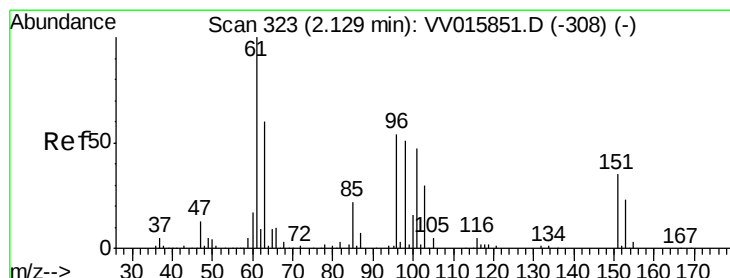
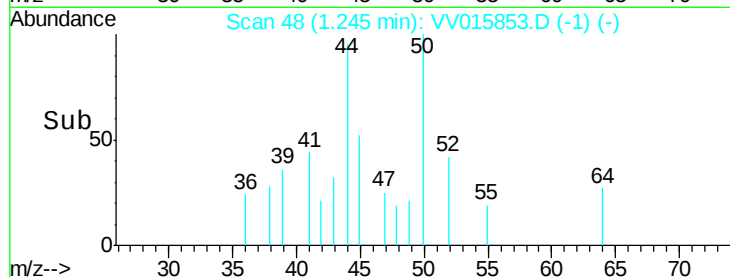
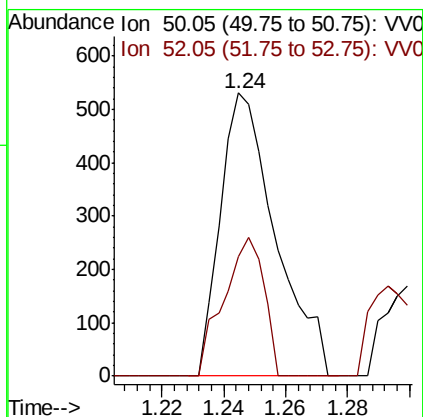
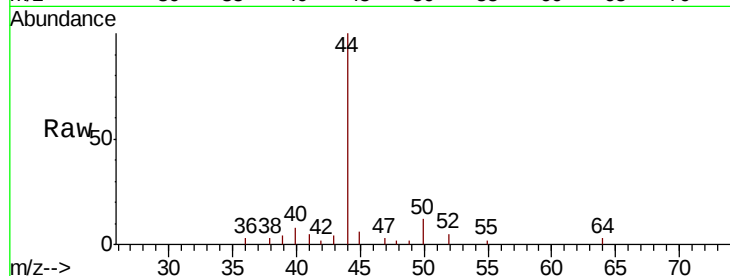
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 659

Ion Ratio Lower Upper

50 100

52 42.0 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.096 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015853.D

Acq: 01 May 2020 12:37

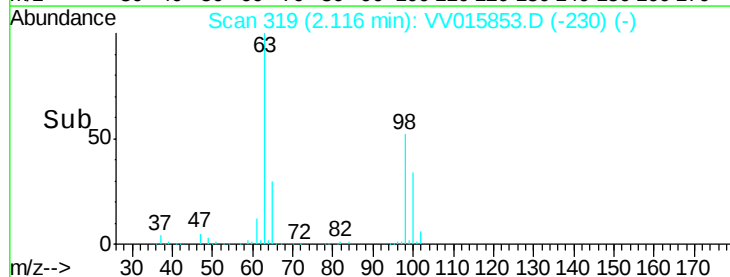
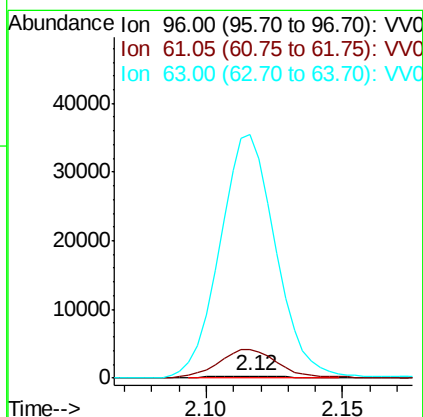
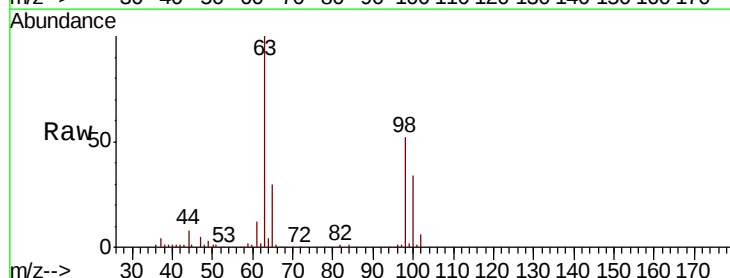
Tgt Ion: 96 Resp: 620

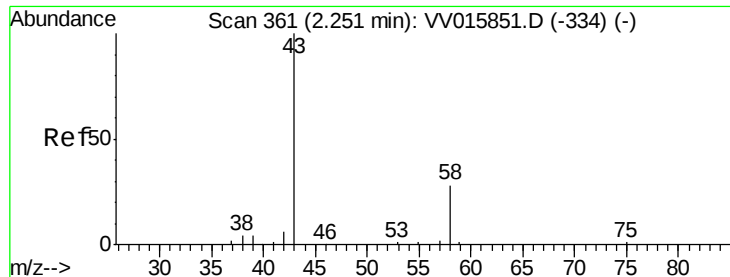
Ion Ratio Lower Upper

96 100

61 1273.9 130.1 241.7#

63 10776.9 91.4 169.8#





#13

Acetone

Concen: 5.341 ug/L

RT: 2.26 min Scan# 365

Delta R.T. 0.01 min

Lab File: VV015853.D

Acq: 01 May 2020 12:37

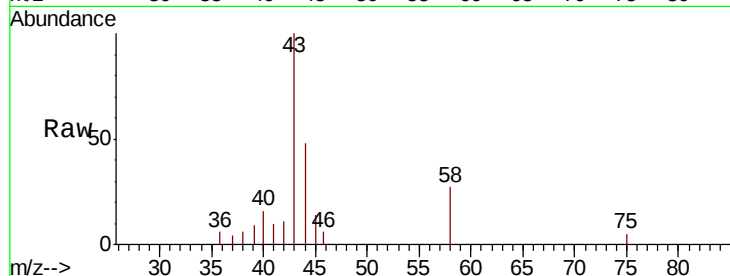
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6917

Ion Ratio Lower Upper

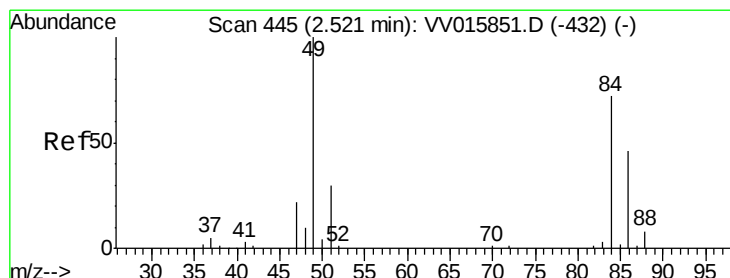
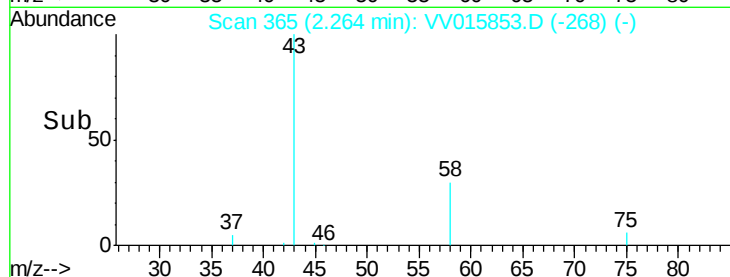
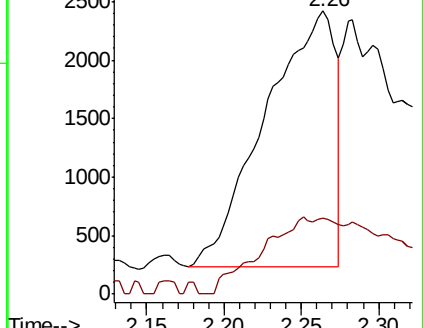
43 100

58 22.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015853.D (-268) (-)

Ion 58.05 (57.75 to 58.75): VV015853.D (-268) (-)



#16

Methylene chloride

Concen: 0.238 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015853.D

Acq: 01 May 2020 12:37

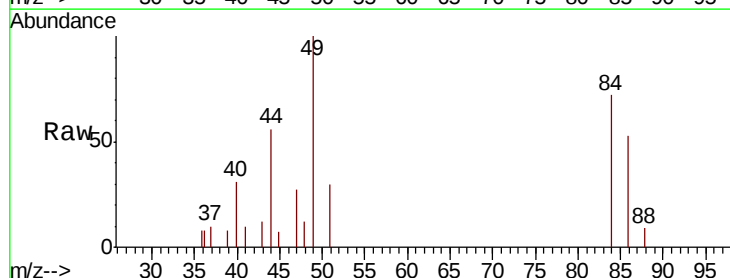
Tgt Ion: 84 Resp: 1901

Ion Ratio Lower Upper

84 100

86 72.6 45.1 83.7

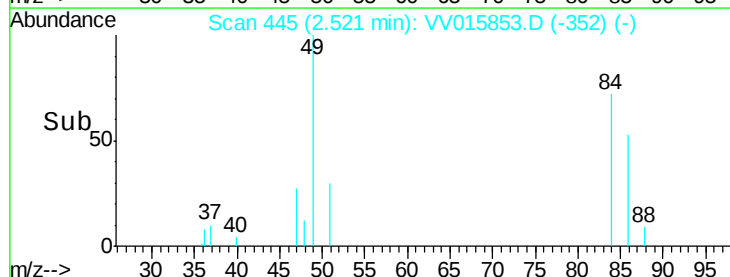
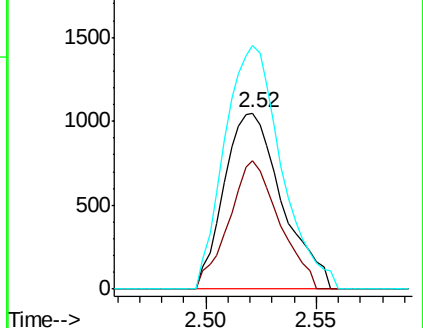
49 138.2 94.4 175.4

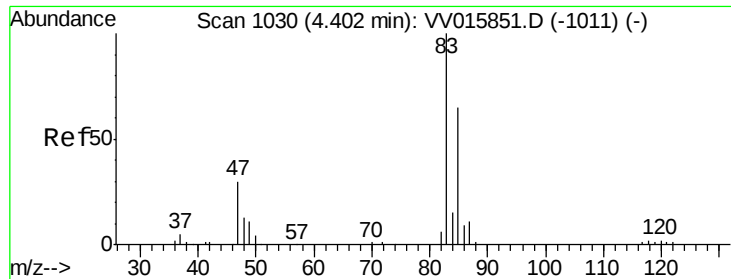


Abundance Ion 84.05 (83.75 to 84.75): VV015853.D (-352) (-)

Ion 86.00 (85.70 to 86.70): VV015853.D (-352) (-)

Ion 49.10 (48.80 to 49.80): VV015853.D (-352) (-)

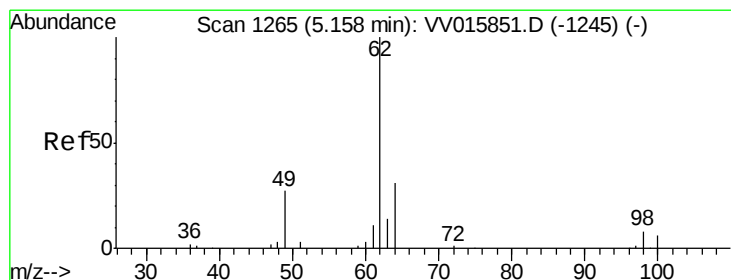
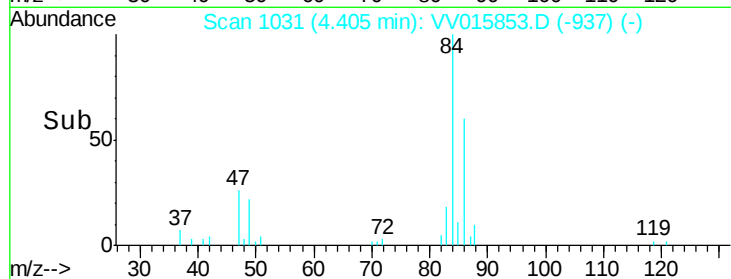
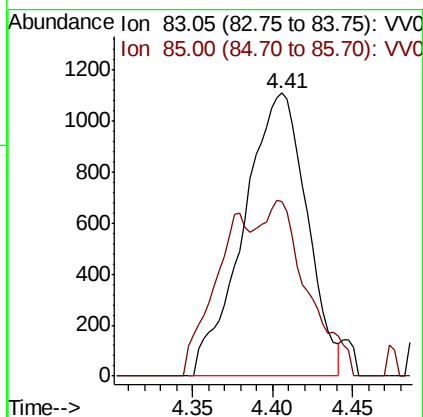
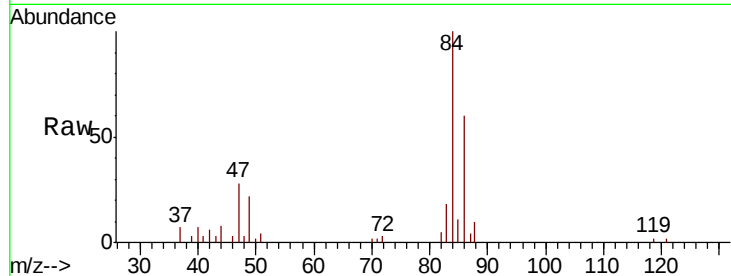




#25
Chloroform
Concen: 0.200 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015853.D
Acq: 01 May 2020 12:37

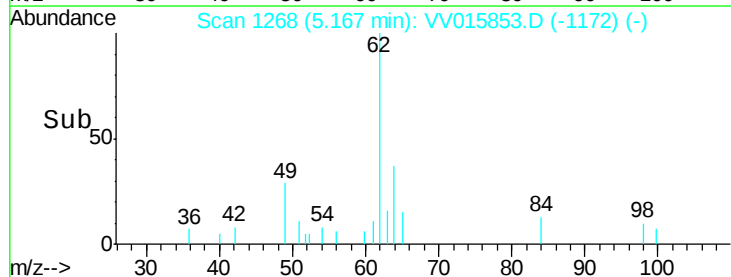
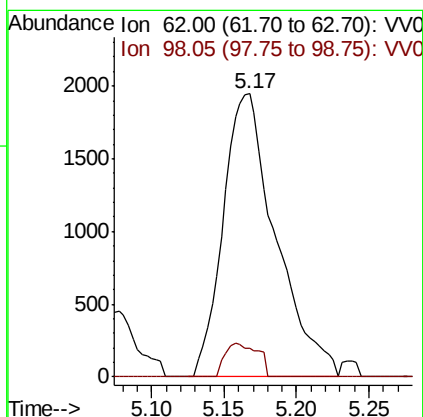
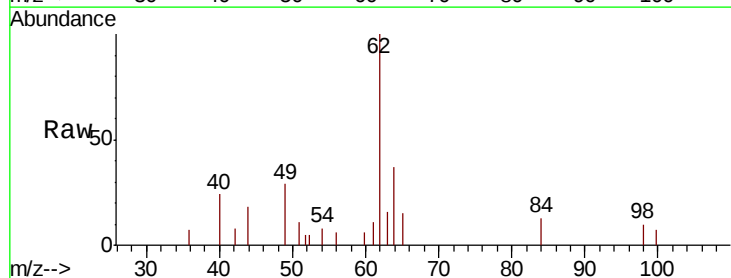
Instrument :
MSVOA_V
ClientSampled :

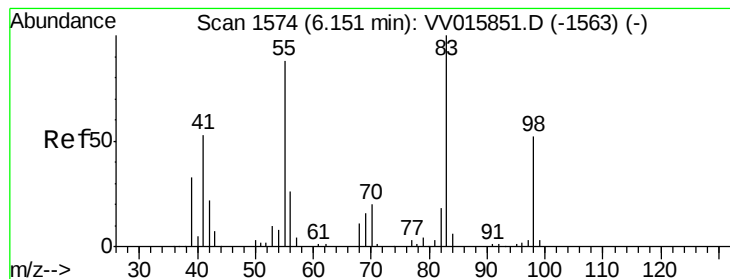
Tot Ion: 83 Resp: 3022
Ion Ratio Lower Upper
83 100
85 61.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.496 ug/L
RT: 5.17 min Scan# 1268
Delta R.T. 0.01 min
Lab File: VV015853.D
Acq: 01 May 2020 12:37

Tgt Ion: 62 Resp: 4919
Ion Ratio Lower Upper
62 100
98 10.2 6.3 9.5#





#35

Methvlcvclohexane

Concen: 0.803 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015853.D

Acq: 01 May 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

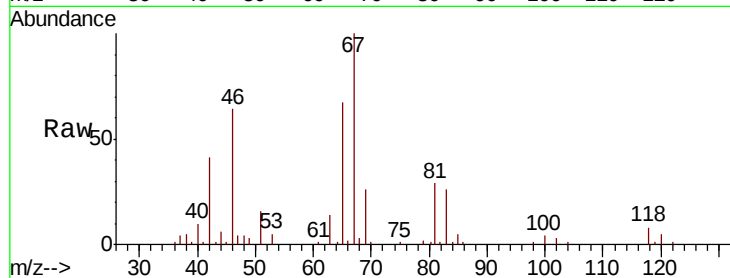
Tot Ion: 83 Resp: 10794

Ion Ratio Lower Upper

83 100

55 0.4 66.6 99.8#

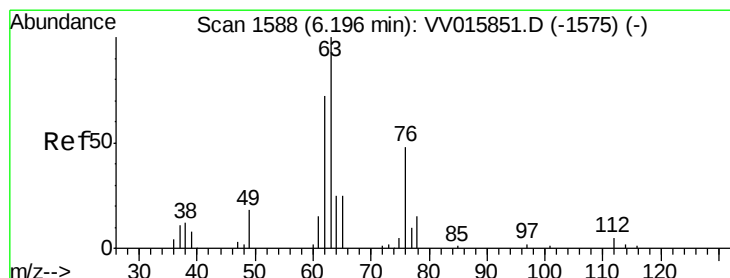
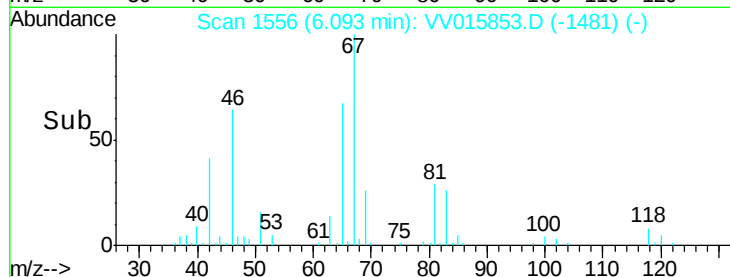
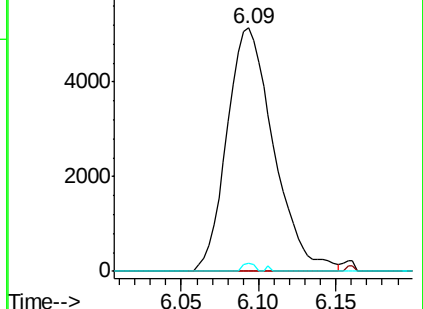
98 0.8 39.5 59.3#



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: 0.671 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015853.D

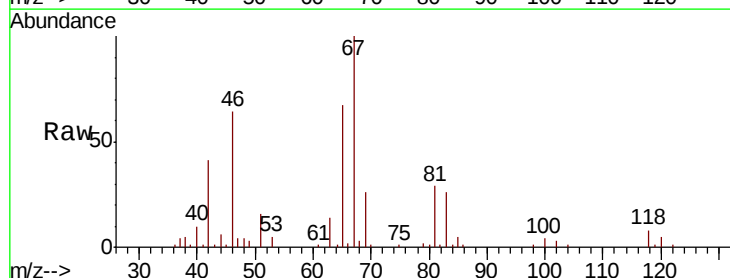
Acq: 01 May 2020 12:37

Tgt Ion: 63 Resp: 5407

Ion Ratio Lower Upper

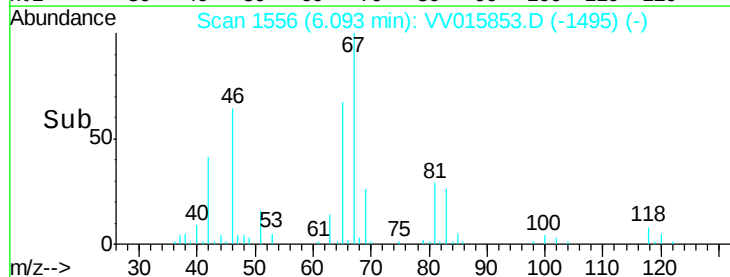
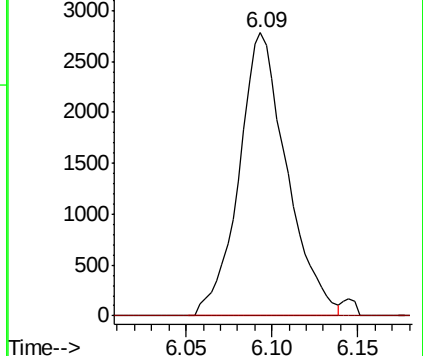
63 100

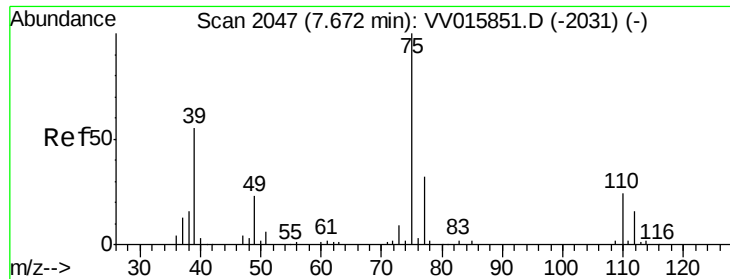
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015853.D

Acq: 01 May 2020 12:37

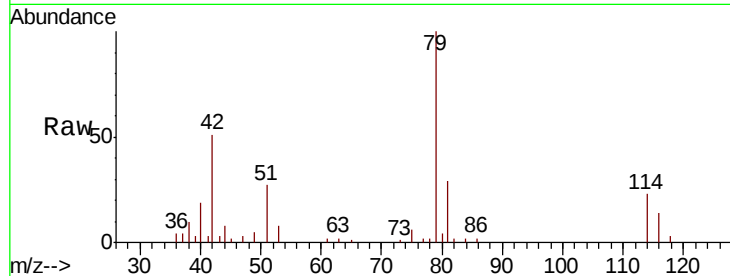
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 646

Ion Ratio Lower Upper

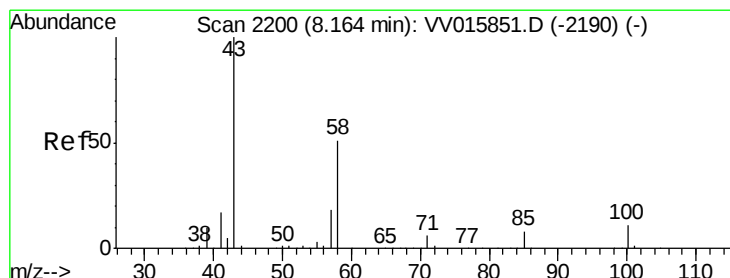
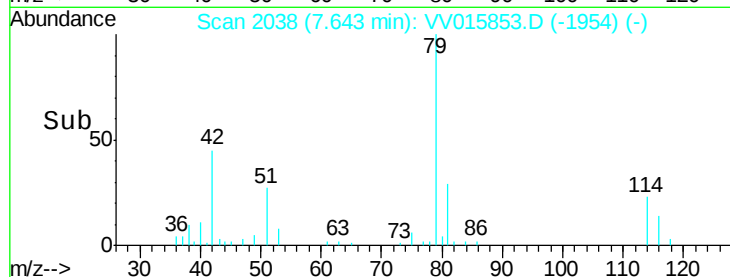
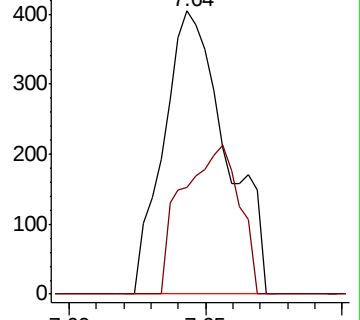
75 100

77 37.9 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.516 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015853.D

Acq: 01 May 2020 12:37

Tgt Ion: 43 Resp: 5654

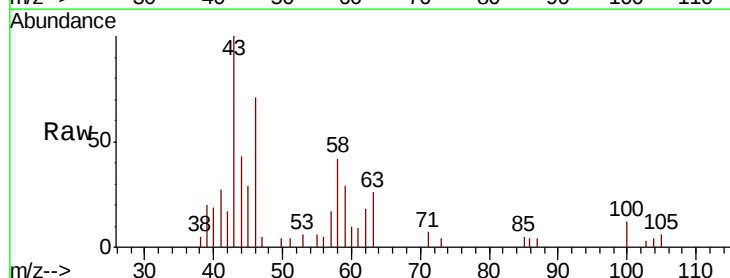
Ion Ratio Lower Upper

43 100

58 60.0 41.1 61.7

57 1.9 15.0 22.4#

100 13.6 9.0 13.4#

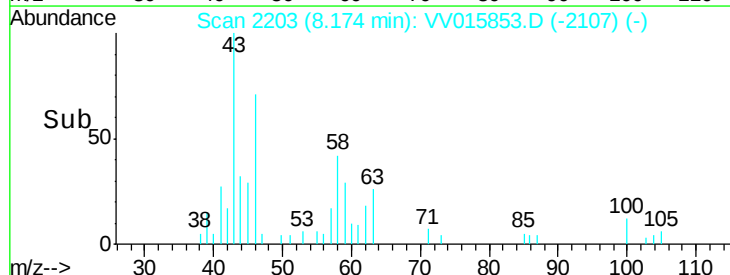
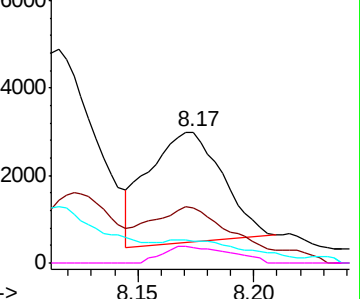


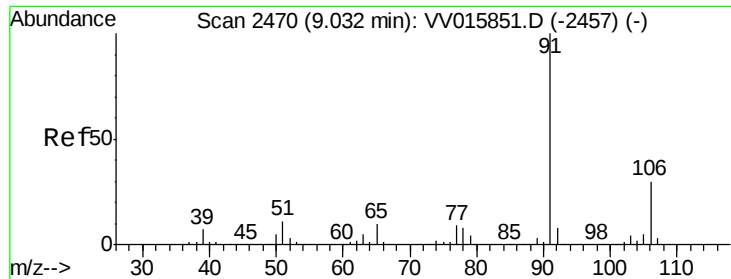
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

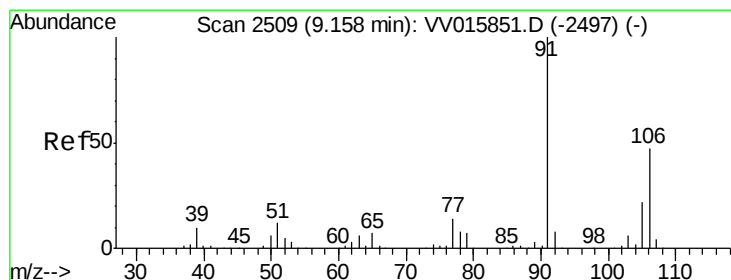
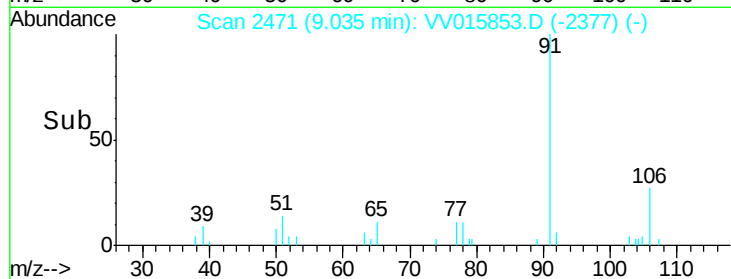
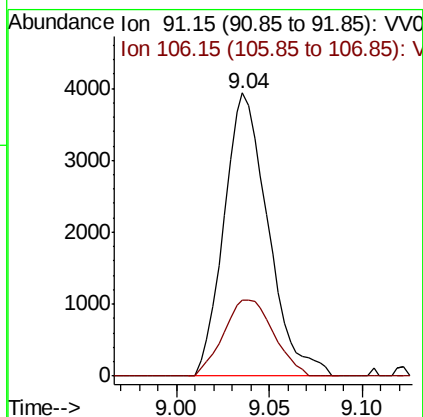
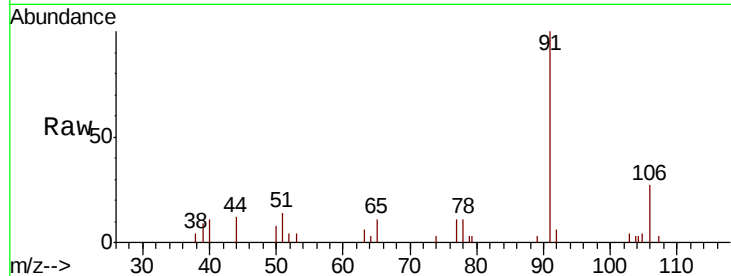




#52
Ethylbenzene
Concen: 0.165 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015853.D
Acq: 01 May 2020 12:37

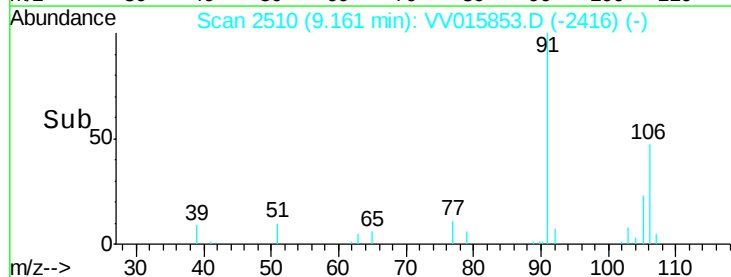
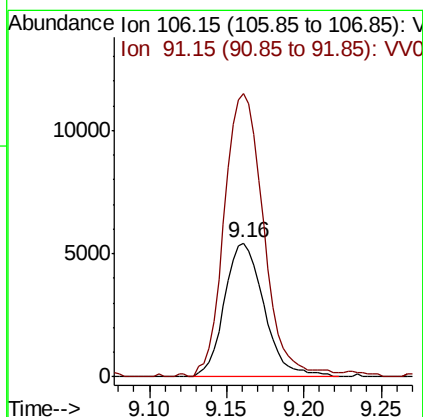
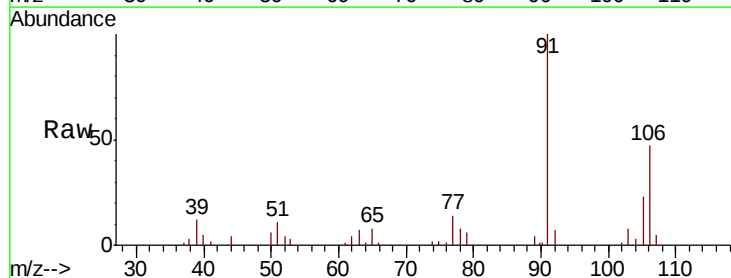
Instrument :
MSVOA_V
ClientSampleId :

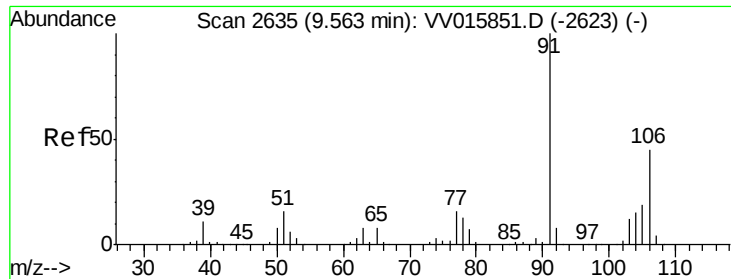
Tot Ion: 91 Resp: 6486
Ion Ratio Lower Upper
91 100
106 27.1 21.3 39.5



#53
m,p-xylene
Concen: 0.672 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV015853.D
Acq: 01 May 2020 12:37

Tgt Ion: 106 Resp: 9645
Ion Ratio Lower Upper
106 100
91 211.7 147.8 274.4





#54
 o-xylene
 Concen: 0.169 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV015853.D
 Acq: 01 May 2020 12:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 2351
 Ion Ratio Lower Upper
 106 100
 91 230.1 159.8 296.8

