

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015673.D
 Acq On : 24 Apr 2020 14:58
 Operator : SY/MD
 Sample : L2416-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 00:19:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120139	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	114764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27687	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	29542	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	45574	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.90	46	103547	51.36	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.38	84	71810	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	40954	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	134525	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	43270	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.34	98	122728	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.64	79	14121	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.11	63	76651	46.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30767	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	49435	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.34	64	100588	16.108	ug/L #	53
13) Acetone	2.18	43	13960	9.973	ug/L	99
15) Methyl Acetate	2.32	43	1473	0.442	ug/L #	56
16) Methylene chloride	2.52	84	1492	0.173	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	1113	0.129	ug/L	89
25) Chloroform	4.41	83	1931	0.118	ug/L #	74
27) 1,2-Dichloroethane	5.16	62	4291	0.400	ug/L #	78
35) Methylcyclohexane	6.09	83	10749	0.773	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5446	0.653	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1173	0.101	ug/L #	67
44) trans-1,3-Dichloropropene	7.65	75	939	0.096	ug/L	90
48) 2-Hexanone	8.17	43	3626	0.940	ug/L #	93
52) Ethylbenzene	9.04	91	3011	0.074	ug/L	92
53) m,p-xylene	9.16	106	4058	0.273	ug/L	99
54) o-xylene	9.57	106	2022	0.141	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration

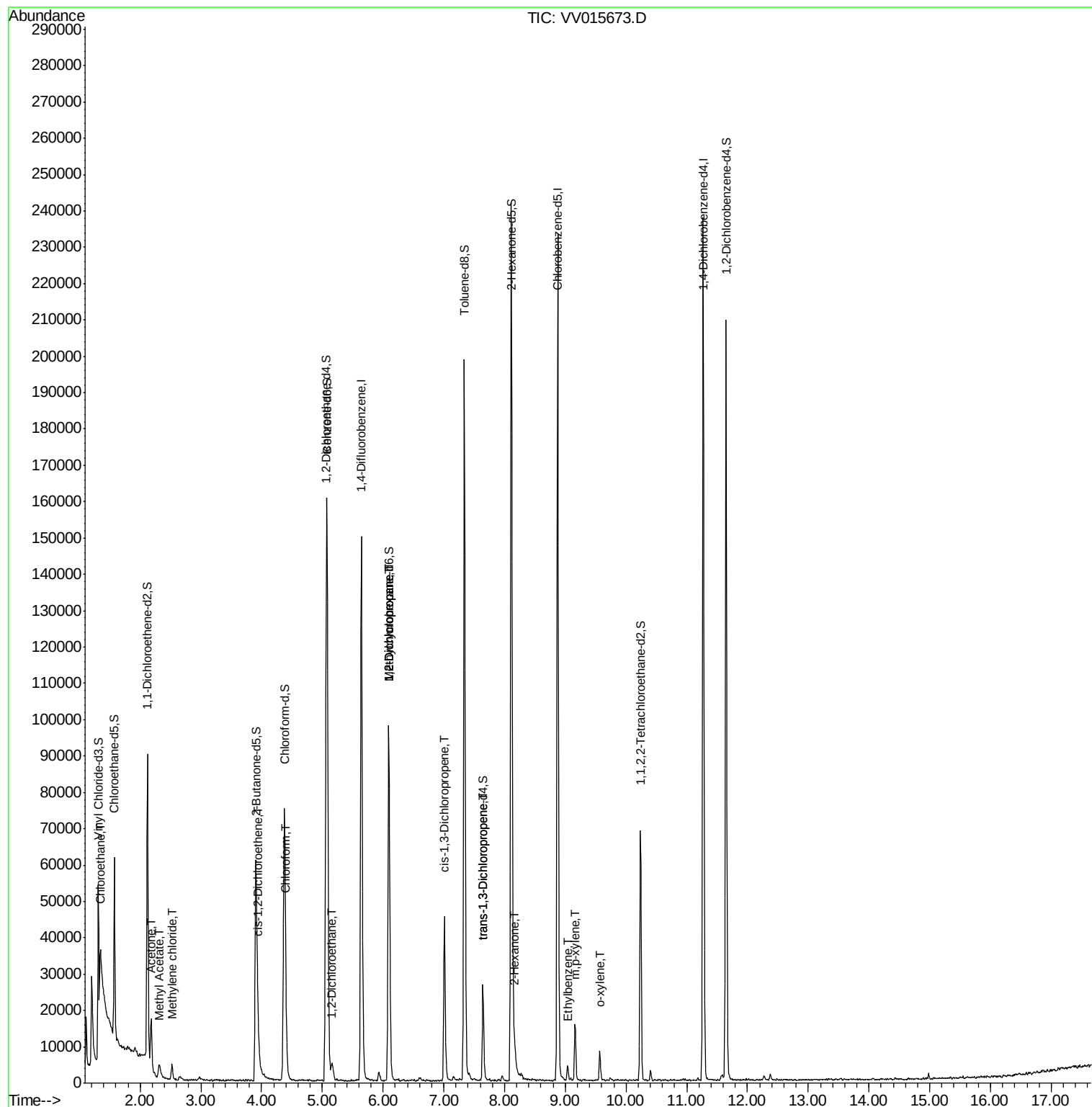
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

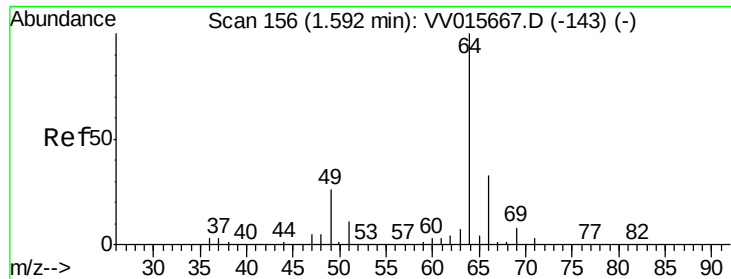
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#8

Chloroethane

Concen: 16.108 ug/L

RT: 1.34 min Scan# 79

Delta R.T. -0.25 min

Lab File: VV015673.D

Acq: 24 Apr 2020 14:58

Instrument :

MSVOA_V

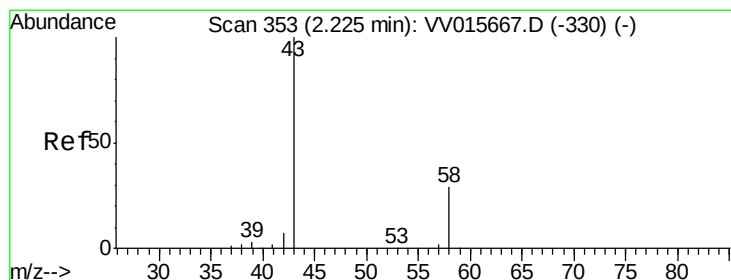
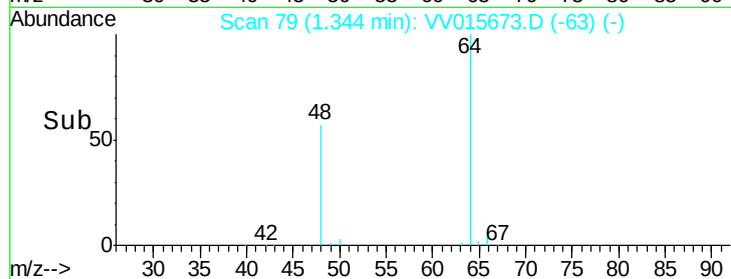
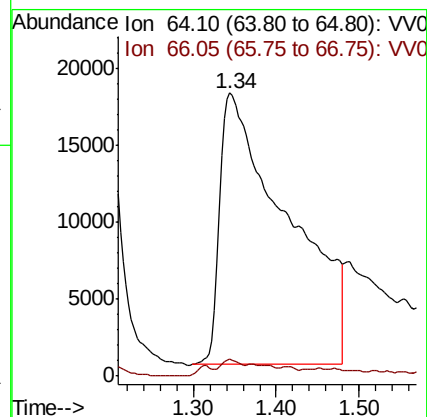
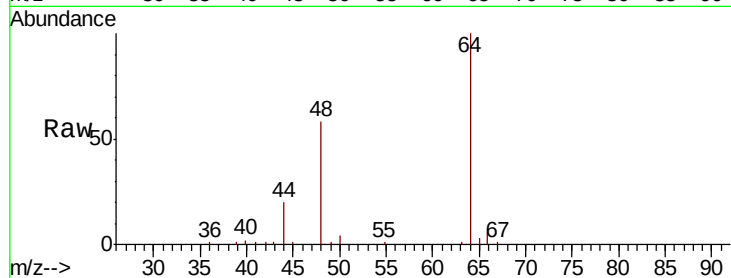
ClientSampleId :

Tot Ion: 64 Resp: 100588

Ion Ratio Lower Upper

64 100

66 5.9 22.3 41.5#



#13

Acetone

Concen: 9.973 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.04 min

Lab File: VV015673.D

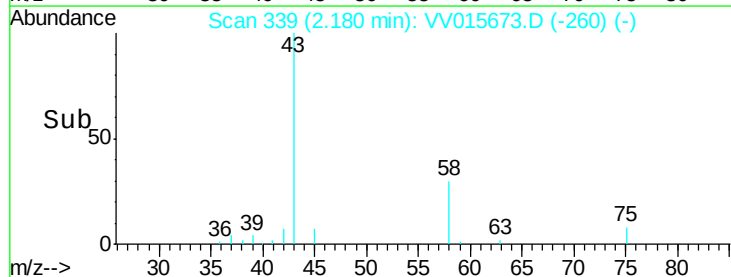
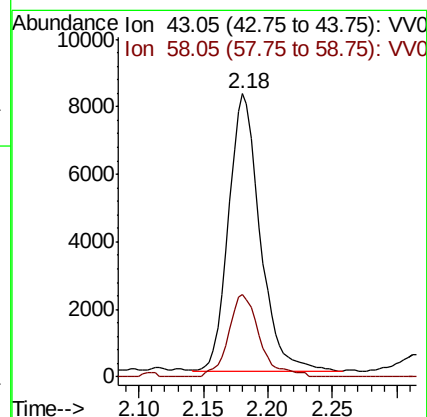
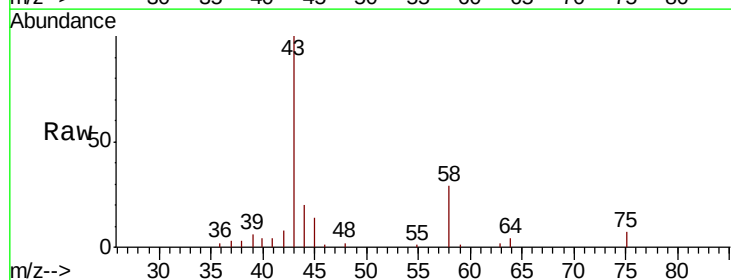
Acq: 24 Apr 2020 14:58

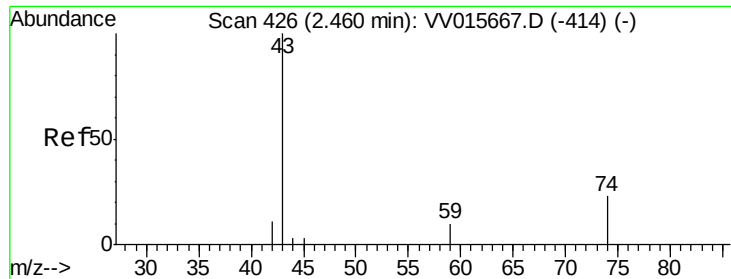
Tgt Ion: 43 Resp: 13960

Ion Ratio Lower Upper

43 100

58 29.3 0.0 57.6

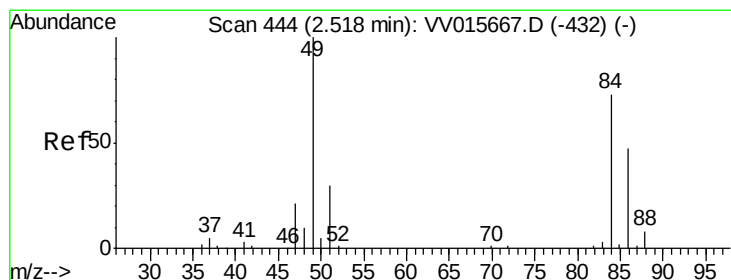
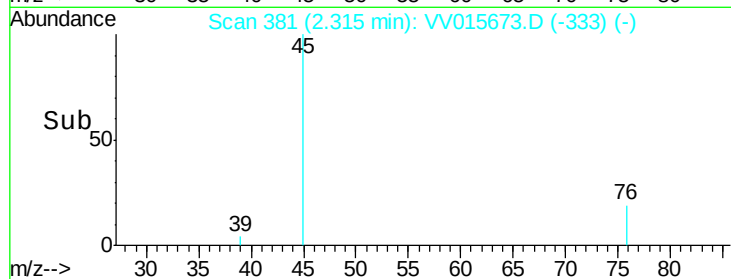
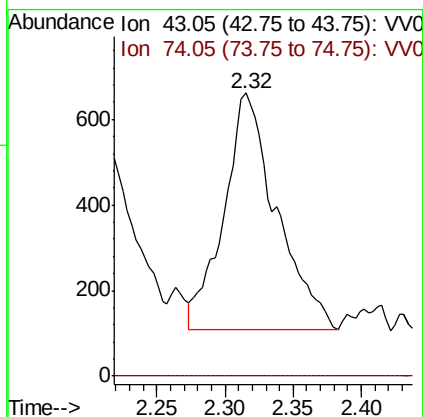
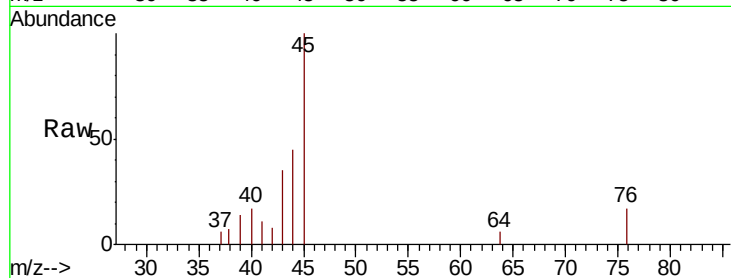




#15
Methvl Acetate
Concen: 0.442 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.14 min
Lab File: VV015673.D
Acq: 24 Apr 2020 14:58

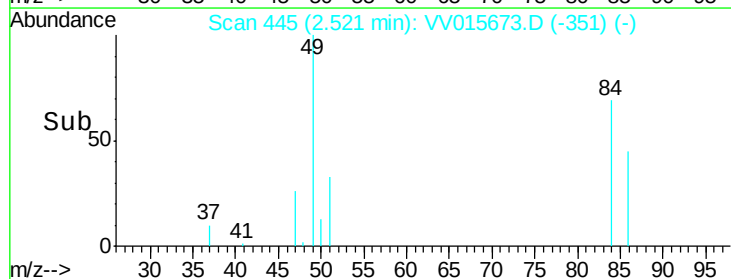
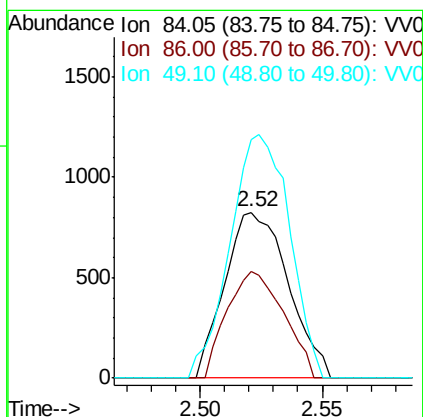
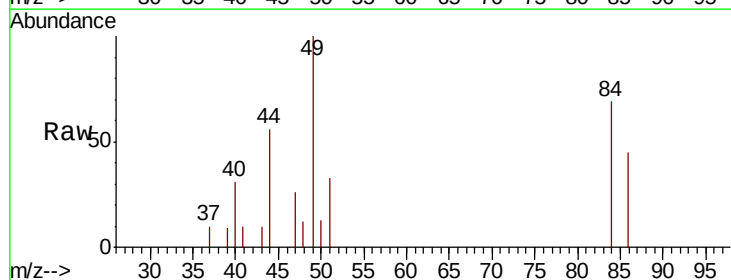
Instrument :
MSVOA_V
ClientSampleId :

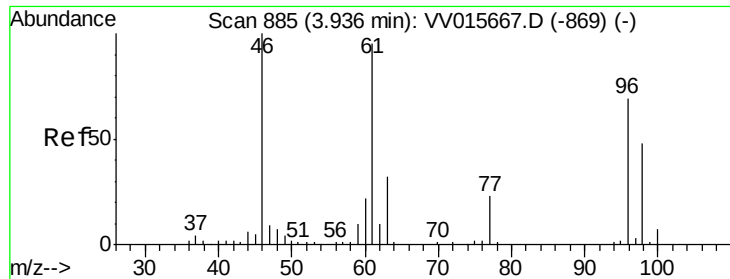
Tot Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#16
Methylene chloride
Concen: 0.173 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015673.D
Acq: 24 Apr 2020 14:58

Tgt Ion: 84 Resp: 1492
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.7
49 144.1 94.4 175.4



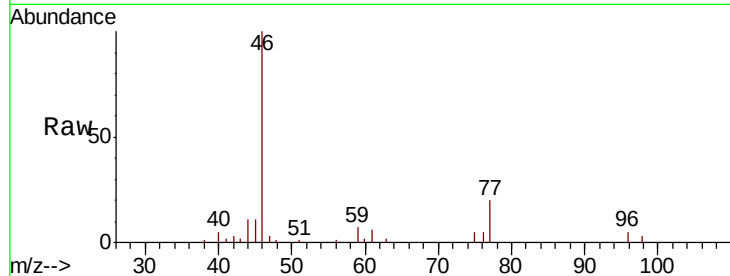


#22

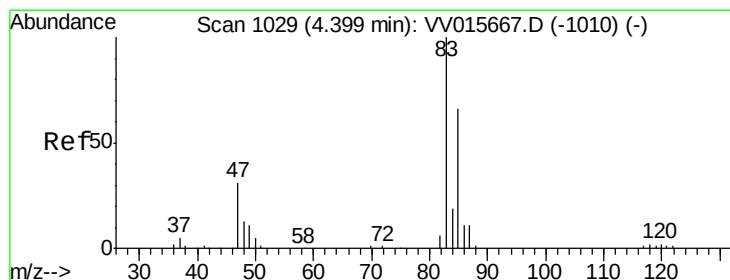
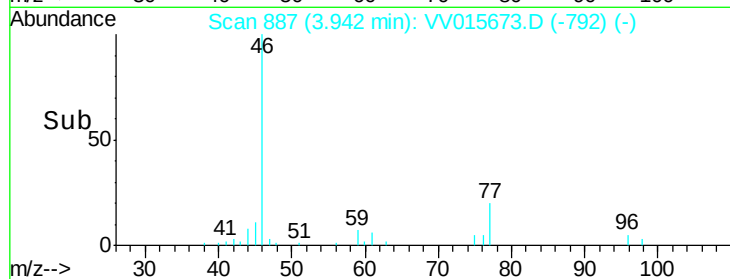
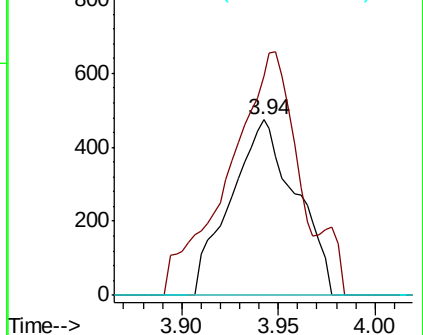
cis-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015673.D
Acq: 24 Apr 2020 14:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 1113
Ion Ratio Lower Upper
96 100
61 124.9 96.4 179.0
68 0.0 0.0 0.0



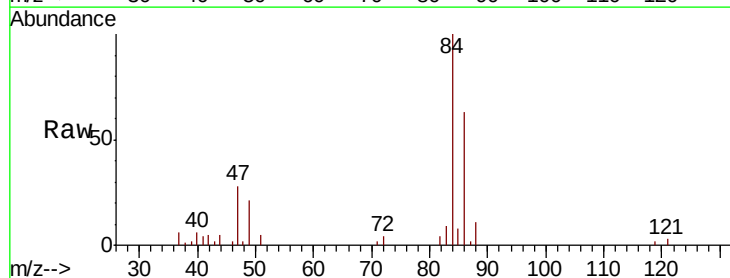
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



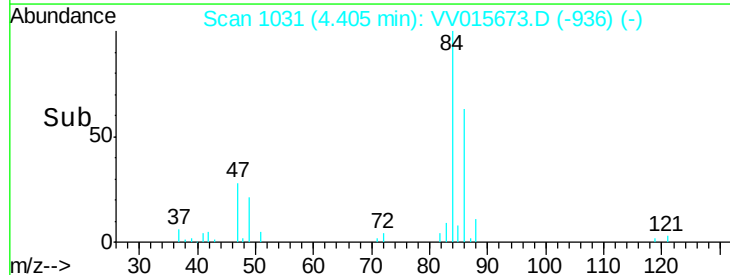
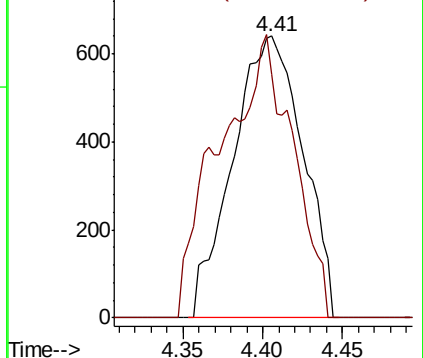
#25

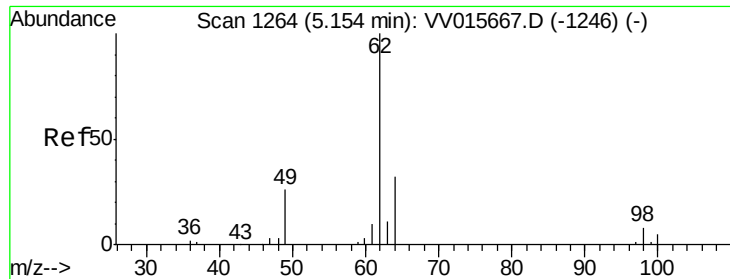
Chloroform
Concen: 0.118 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015673.D
Acq: 24 Apr 2020 14:58

Tgt Ion: 83 Resp: 1931
Ion Ratio Lower Upper
83 100
85 86.4 46.1 85.5#



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

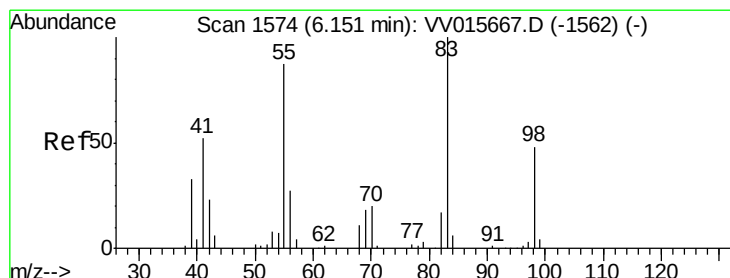
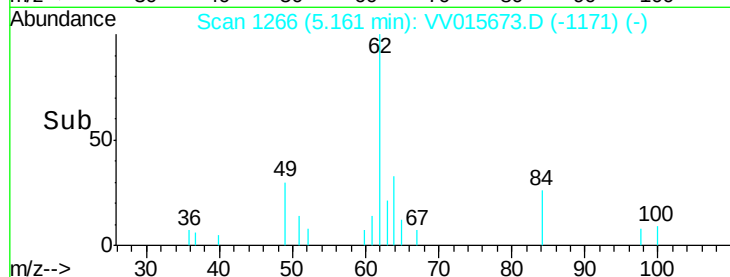
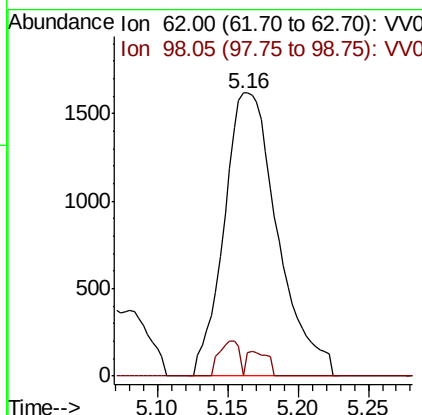
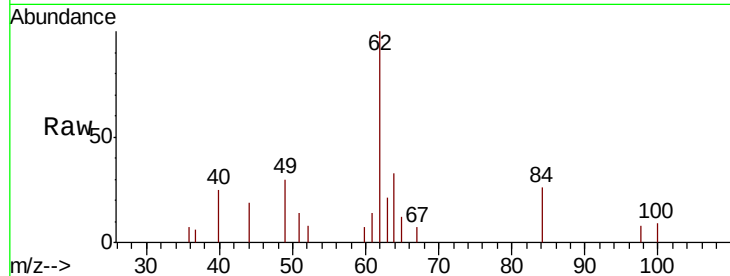




#27
 1,2-Dichloroethane
 Concen: 0.400 ug/L
 RT: 5.16 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: VV015673.D
 Acq: 24 Apr 2020 14:58

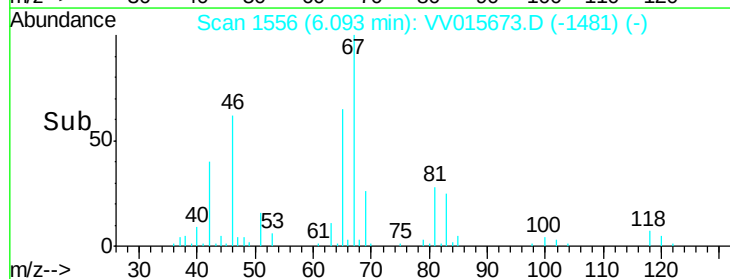
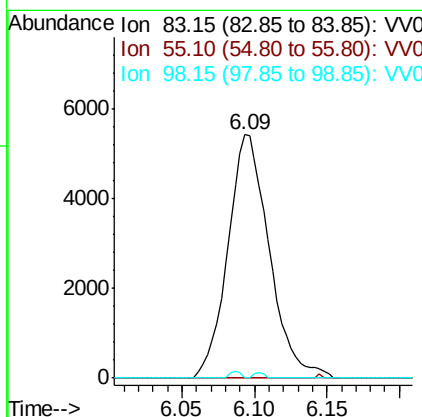
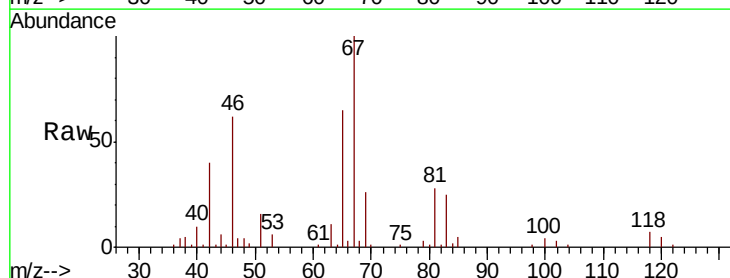
Instrument :
 MSVOA_V
 ClientSampleId :

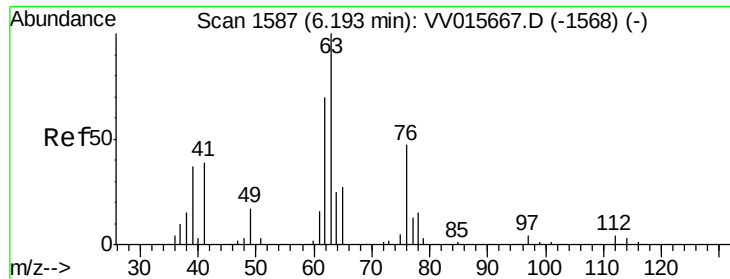
Tot Ion: 62 Resp: 4291
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.773 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015673.D
 Acq: 24 Apr 2020 14:58

Tgt Ion: 83 Resp: 10749
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.7 39.5 59.3#

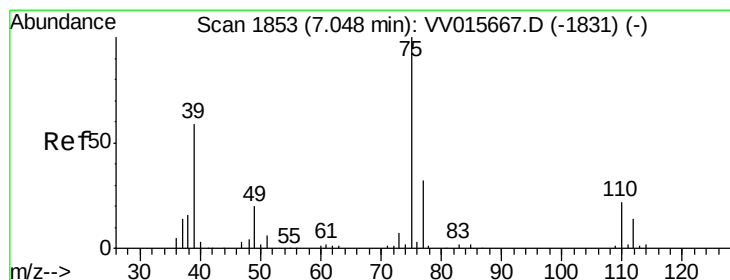
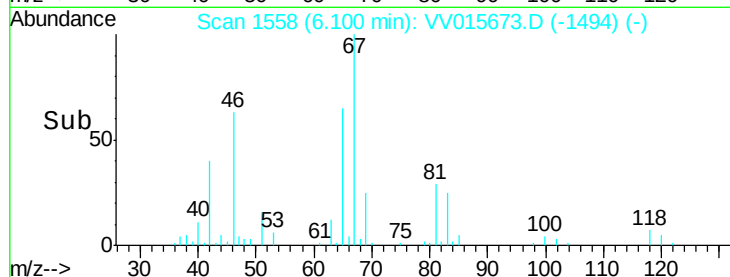
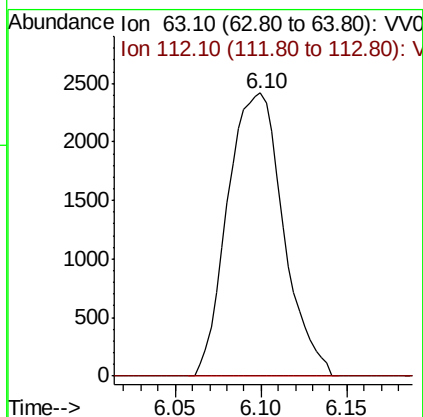
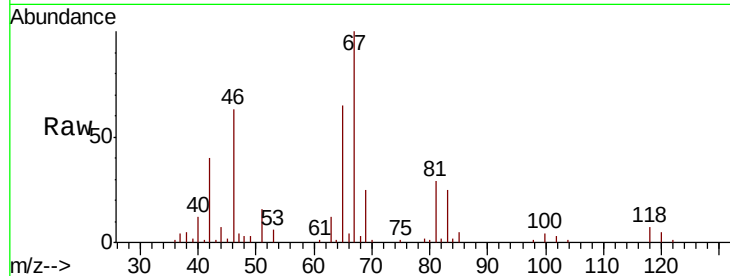




#37
 1,2-Dichloropropane
 Concen: 0.653 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.09 min
 Lab File: VV015673.D
 Acq: 24 Apr 2020 14:58

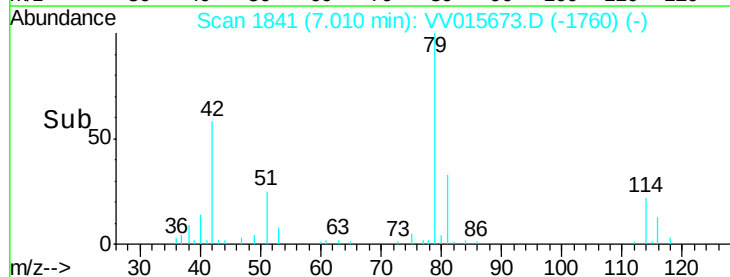
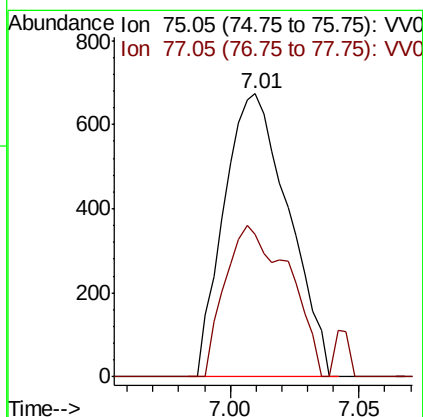
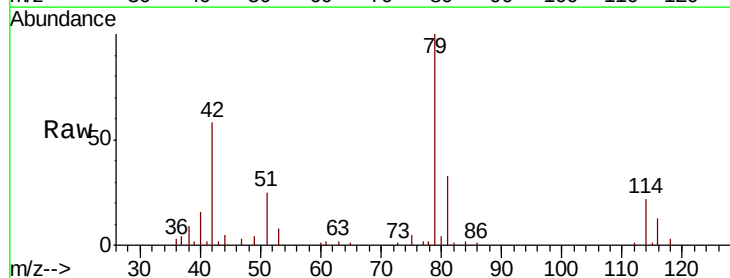
Instrument :
 MSVOA_V
 ClientSampled :

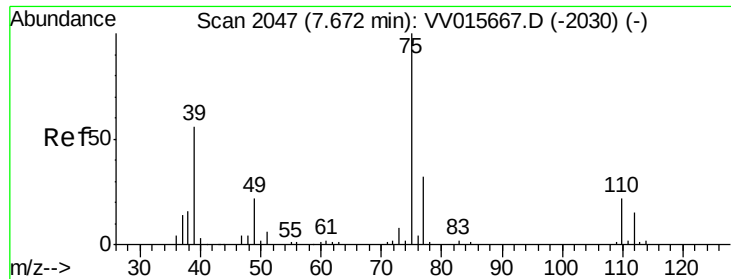
Tot Ion: 63 Resp: 5446
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015673.D
 Acq: 24 Apr 2020 14:58

Tgt Ion: 75 Resp: 1173
 Ion Ratio Lower Upper
 75 100
 77 50.5 22.3 41.5#

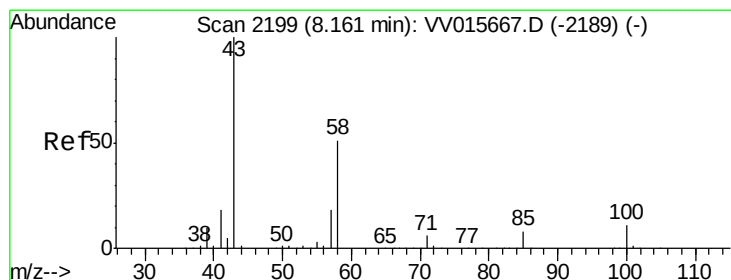
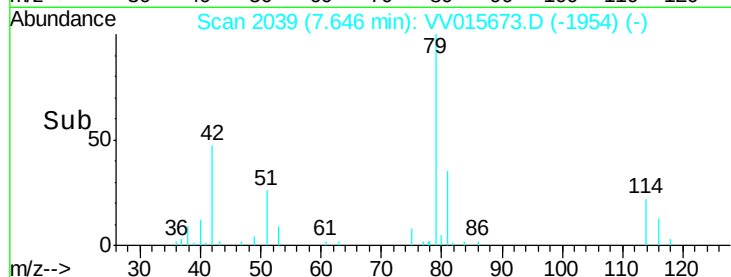
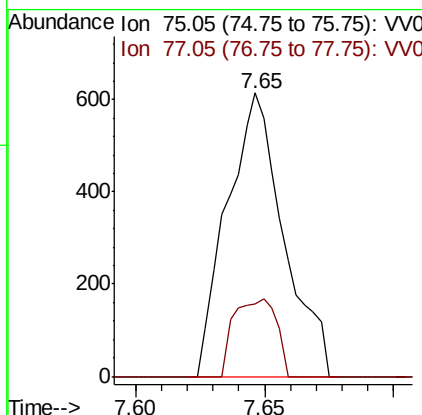
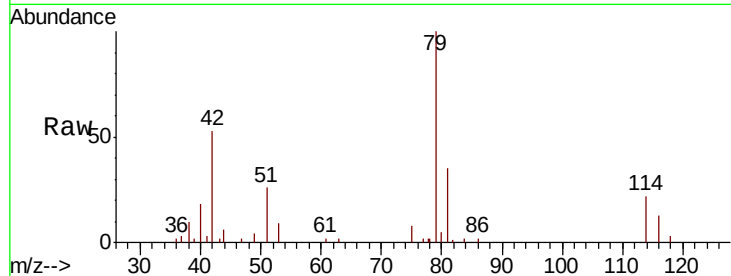




#44
trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015673.D
Acq: 24 Apr 2020 14:58

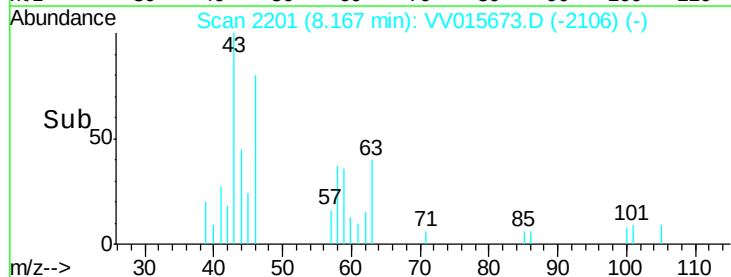
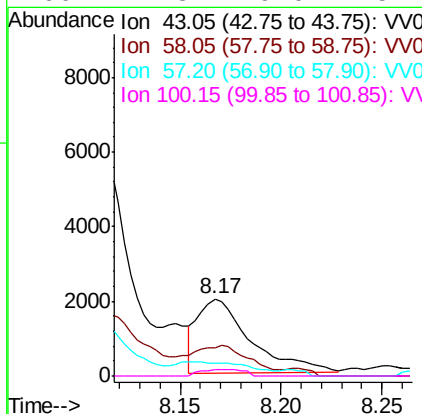
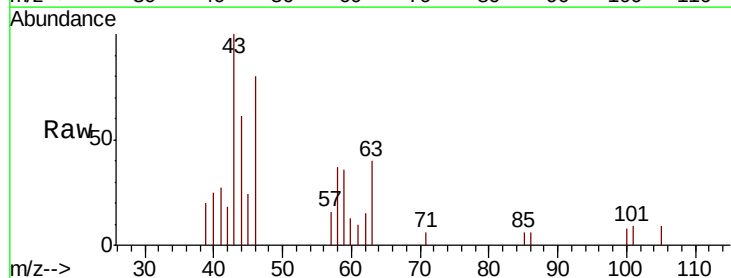
Instrument :
MSVOA_V
ClientSampleId :

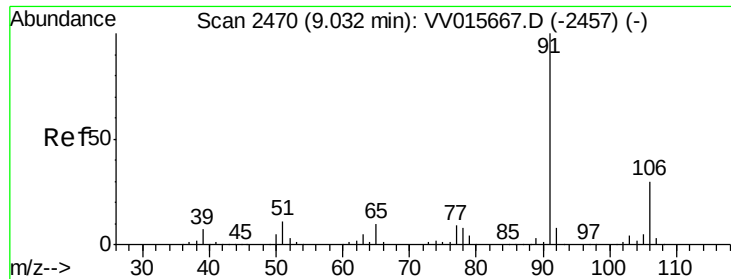
Tot Ion: 75 Resp: 939
Ion Ratio Lower Upper
75 100
77 25.7 21.8 40.6



#48
2-Hexanone
Concen: 0.940 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV015673.D
Acq: 24 Apr 2020 14:58

Tgt Ion: 43 Resp: 3626
Ion Ratio Lower Upper
43 100
58 45.7 41.1 61.7
57 17.8 15.0 22.4
100 7.3 9.0 13.4#





#52

Ethylbenzene

Concen: 0.074 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015673.D

Acq: 24 Apr 2020 14:58

Instrument :

MSVOA_V

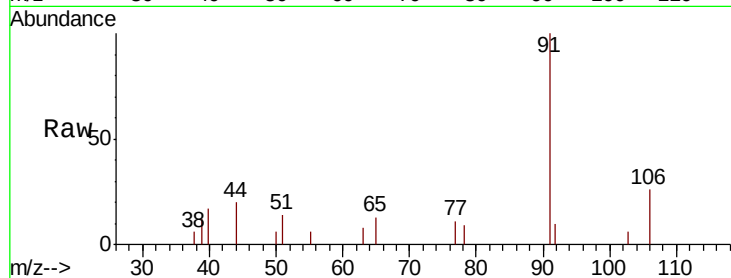
ClientSampleId :

Tot Ion: 91 Resp: 3011

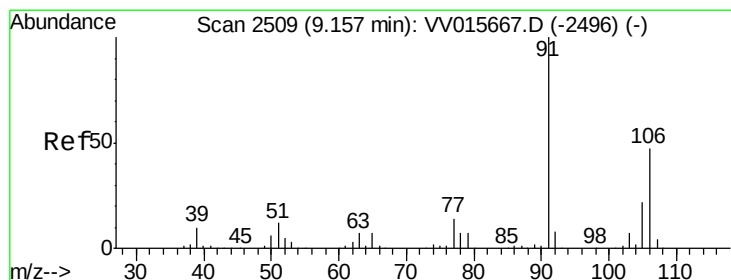
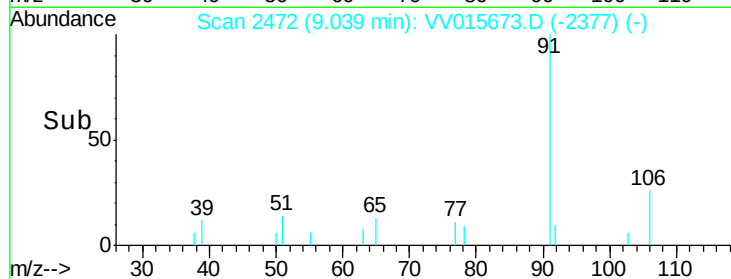
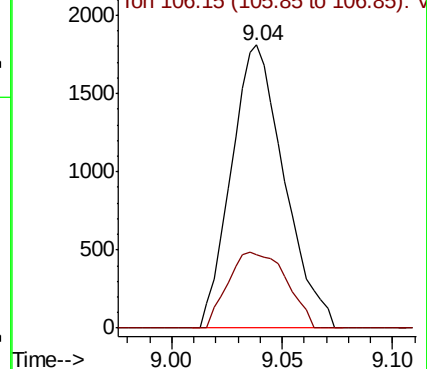
Ion Ratio Lower Upper

91 100

106 25.9 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015667.D (-2457) (-)



#53

m,p-xylene

Concen: 0.273 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015673.D

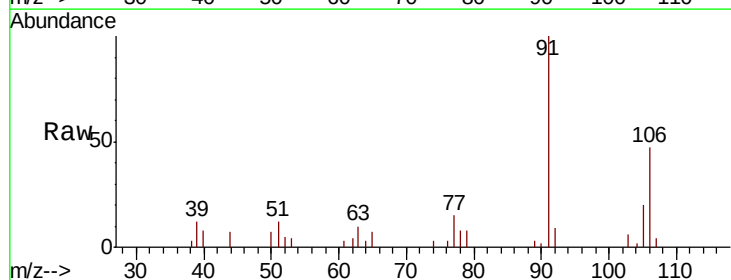
Acq: 24 Apr 2020 14:58

Tgt Ion: 106 Resp: 4058

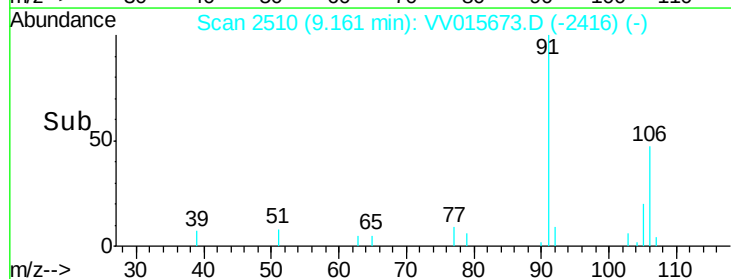
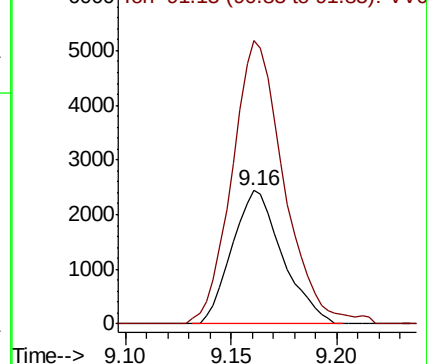
Ion Ratio Lower Upper

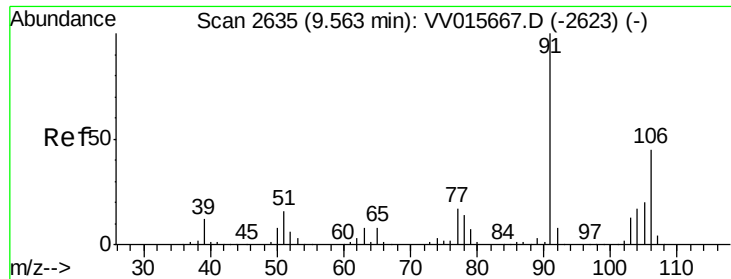
106 100

91 212.0 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015667.D (-2496) (-)





#54
 o-xylene
 Concen: 0.141 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV015673.D
 Acq: 24 Apr 2020 14:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 2022
 Ion Ratio Lower Upper
 106 100
 91 228.3 159.8 296.8

