

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015682.D
 Acq On : 24 Apr 2020 18:27
 Operator : SY/MD
 Sample : L2370-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP2

Quant Time: Apr 25 03:47:45 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	124562	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31263	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.57	69	28222	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	44259	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.91	46	101595	48.61	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	4.38	84	71836	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	40733	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.07	84	135501	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.09	67	42913	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.34	98	120938	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.64	79	11580	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.11	63	78350	45.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31865	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	48687	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

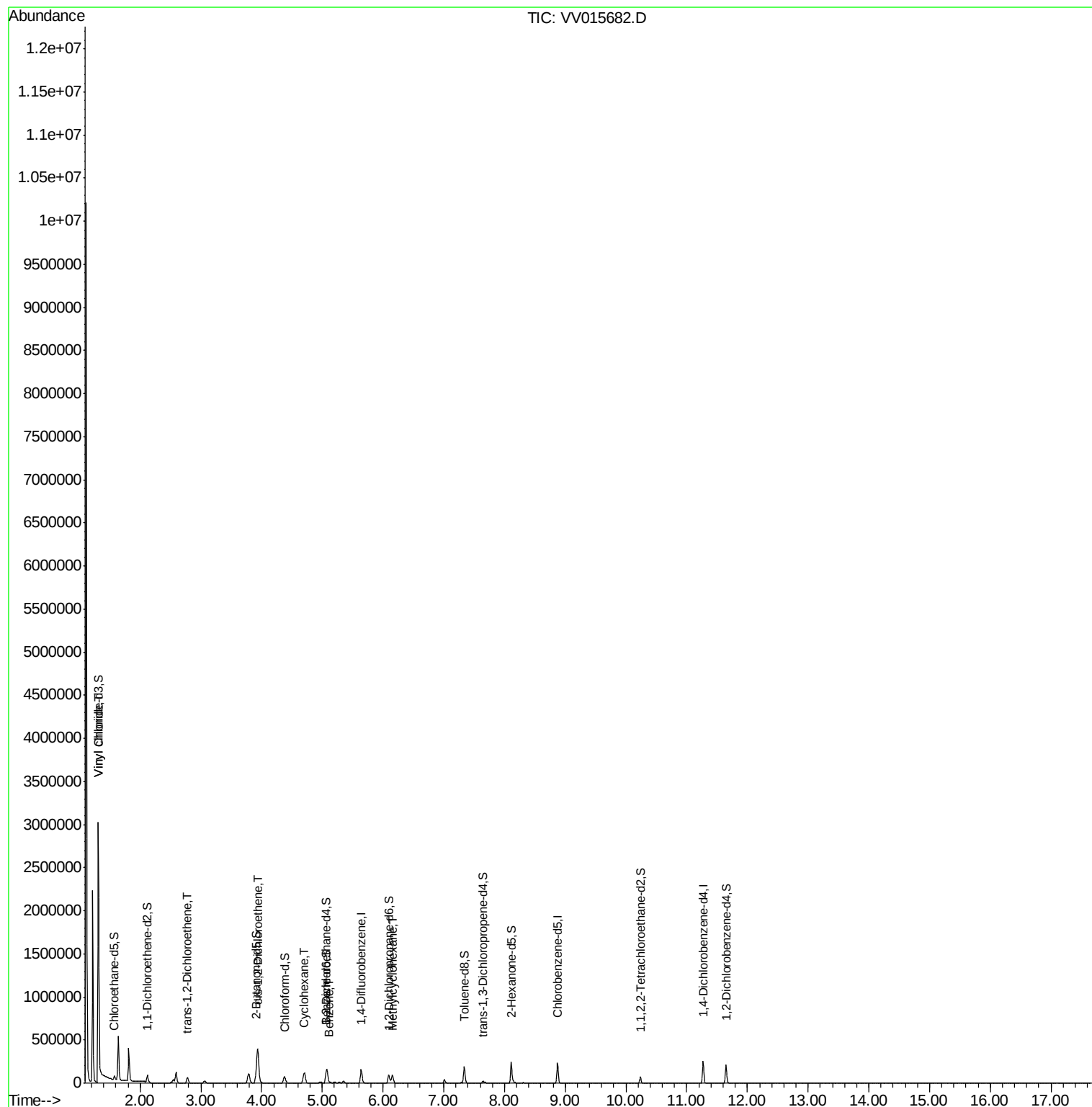
					Ovalue
5) Vinyl chloride	1.32	62	298208	30.250 ug/L	# 72
18) trans-1,2-Dichloroethene	2.78	96	12821	1.579 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	200642	22.355 ug/L	99
30) Cyclohexane	4.70	56	64451	4.474 ug/L	98
33) Benzene	5.13	78	8212	0.242 ug/L	100
35) Methylcyclohexane	6.15	83	36037	2.503 ug/L	94

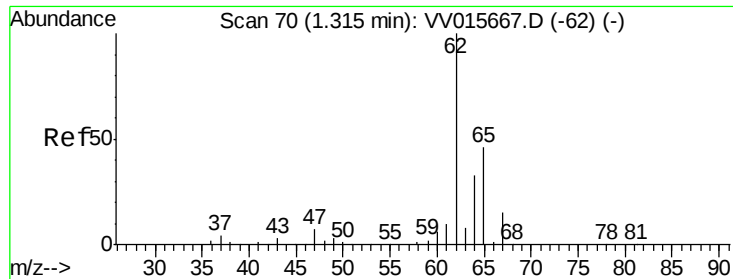
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 30.250 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015682.D

Acq: 24 Apr 2020 18:27

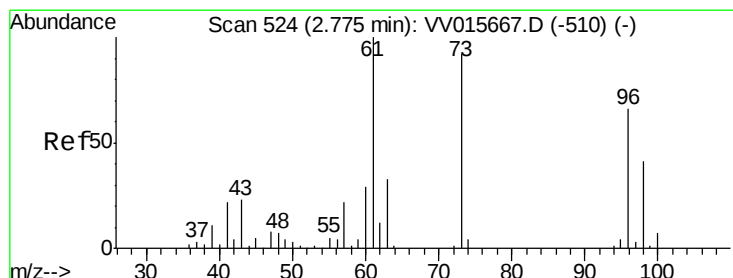
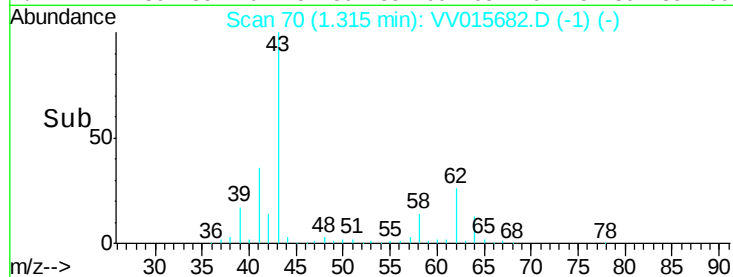
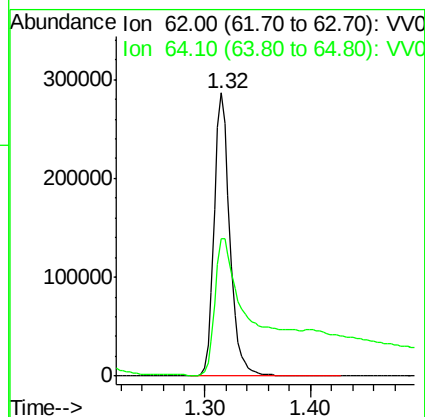
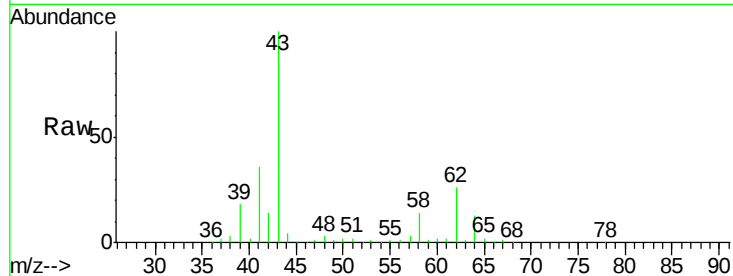
Instrument :
MSVOA_V
ClientSampled :
ETKP2

Tot Ion: 62 Resp: 298208

Ion Ratio Lower Upper

62 100

64 48.3 22.7 42.1#



#18

trans-1,2-Dichloroethene

Concen: 1.579 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015682.D

Acq: 24 Apr 2020 18:27

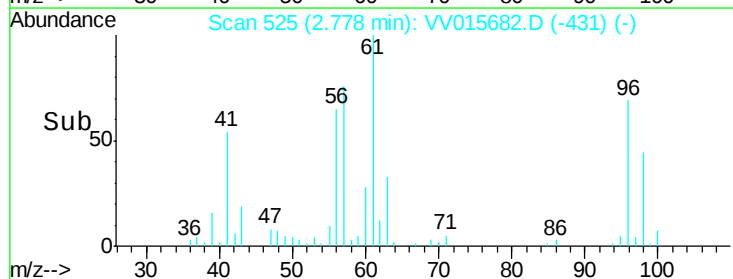
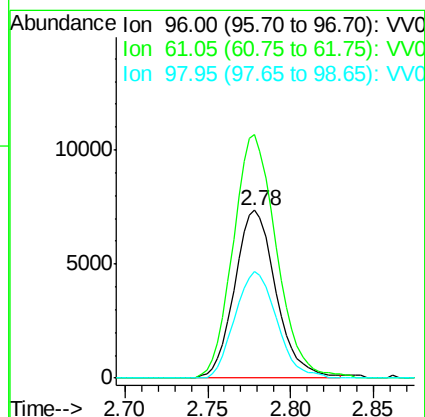
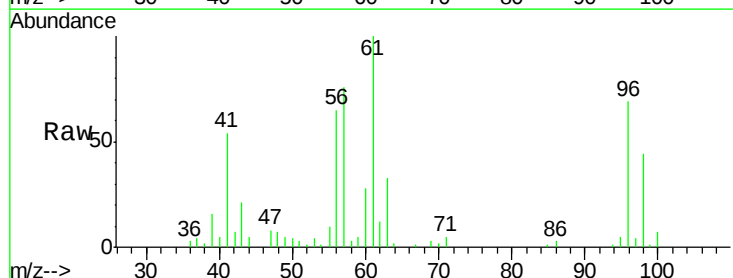
Tgt Ion: 96 Resp: 12821

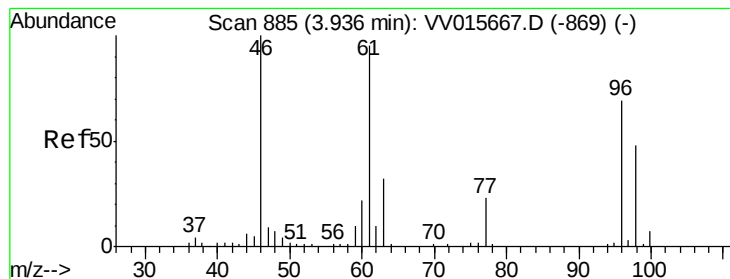
Ion Ratio Lower Upper

96 100

61 144.9 105.5 195.9

98 63.2 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 22.355 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015682.D

Acq: 24 Apr 2020 18:27

Instrument :
MSVOA_V
ClientSampled :
ETKP2

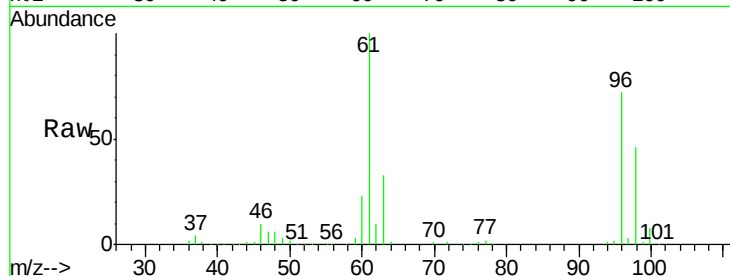
Tot Ion: 96 Resp: 200642

Ion Ratio Lower Upper

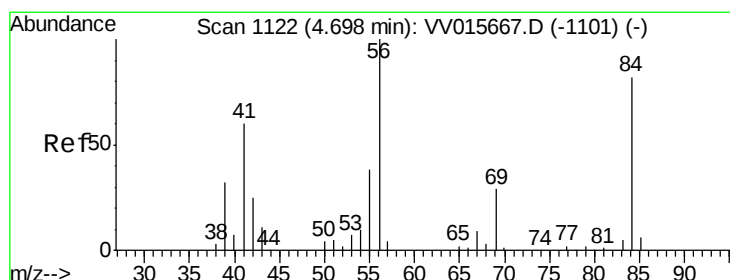
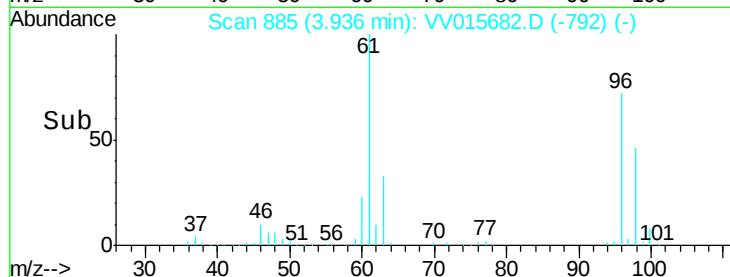
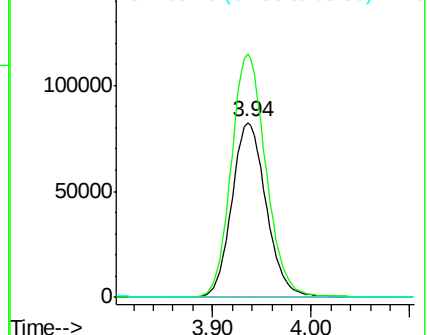
96 100

61 139.0 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



#30

Cyclohexane

Concen: 4.474 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV015682.D

Acq: 24 Apr 2020 18:27

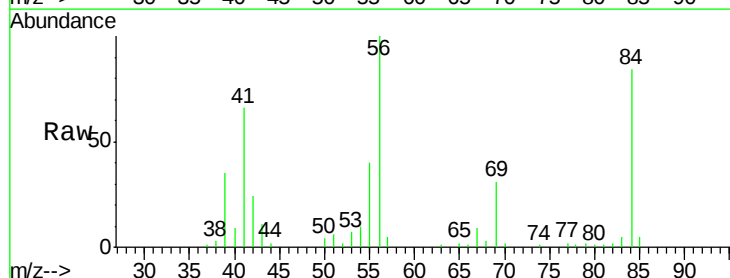
Tgt Ion: 56 Resp: 64451

Ion Ratio Lower Upper

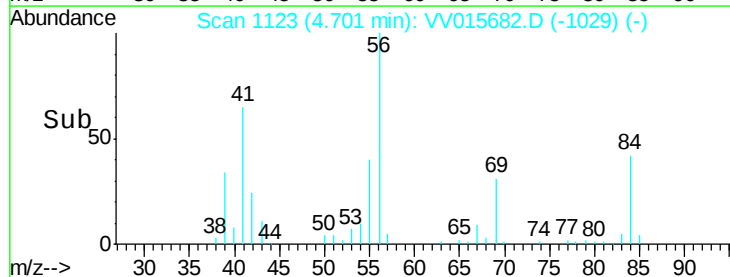
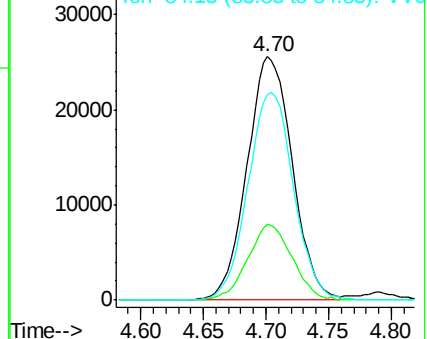
56 100

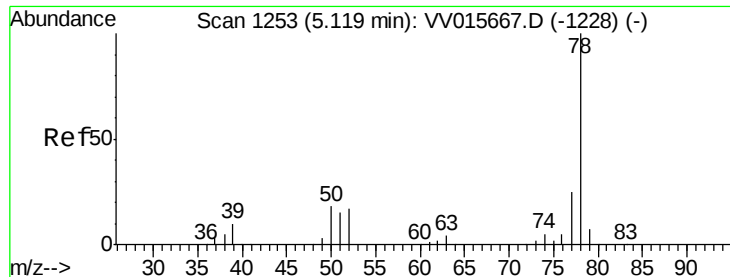
69 30.6 23.9 35.9

84 85.7 66.9 100.3



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





#33

Benzene

Concen: 0.242 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VV015682.D

Acq: 24 Apr 2020 18:27

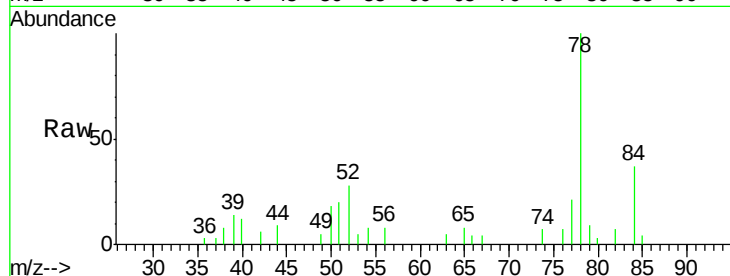
Instrument :

MSVOA_V

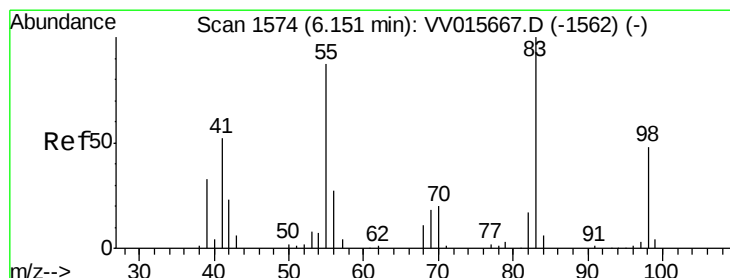
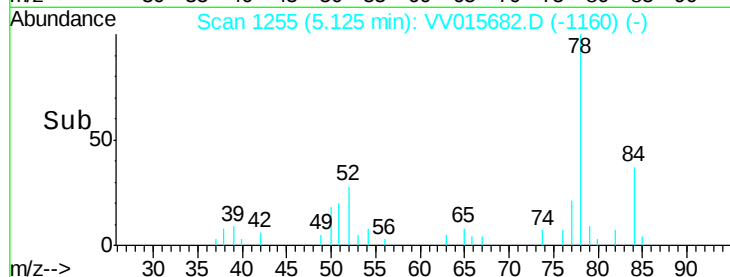
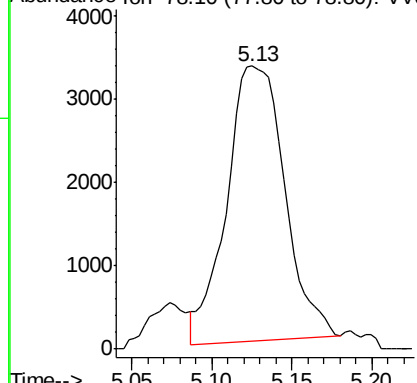
ClientSampleId :

ETKP2

Tgt Ion: 78 Resp: 8212



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 2.503 ug/L

RT: 6.15 min Scan# 1575

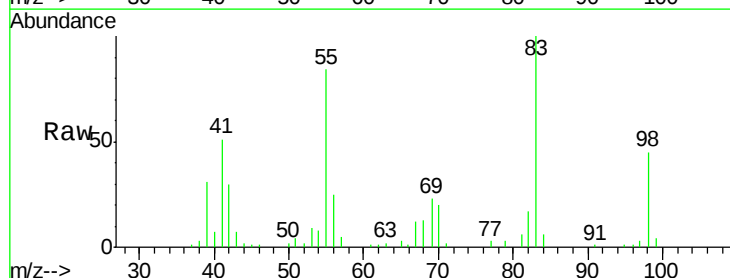
Delta R.T. 0.00 min

Lab File: VV015682.D

Acq: 24 Apr 2020 18:27

Tgt Ion: 83 Resp: 36037

Ion	Ratio	Lower	Upper
83	100		
55	90.8	66.6	99.8
98	47.7	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

