

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015672.D
 Acq On : 24 Apr 2020 14:35
 Operator : SY/MD
 Sample : L2416-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP3

Quant Time: Apr 25 02:20:40 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	122028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115950	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30486	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.57	69	28262	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	45817	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.90	46	101188	49.42	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	4.38	84	70229	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	41808	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	132848	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.09	67	43087	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	120997	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.64	79	14431	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.11	63	79004	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31666	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	47647	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

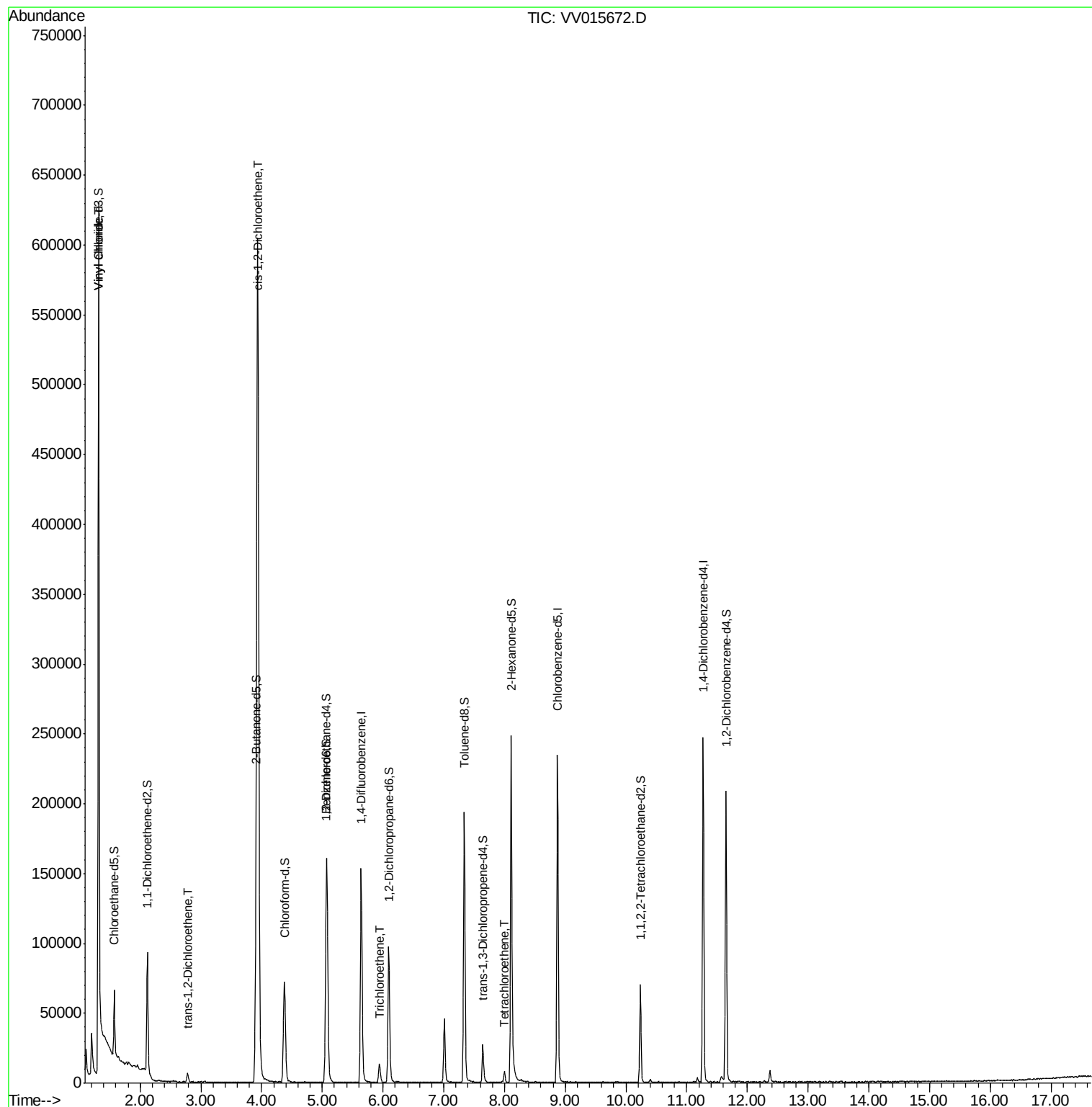
					Ovalue
5) Vinyl chloride	1.32	62	349947	36.236	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	1519	0.191	ug/L 94
22) cis-1,2-Dichloroethene	3.94	96	311939	35.477	ug/L 98
34) Trichloroethene	5.94	95	4608	0.504	ug/L 91
47) Tetrachloroethene	8.00	164	1545	0.235	ug/L 92

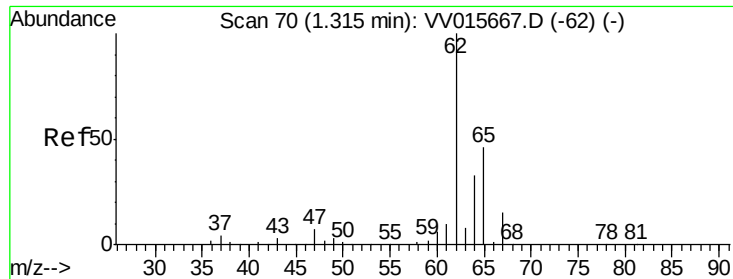
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 36.236 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015672.D

Acq: 24 Apr 2020 14:35

Instrument :

MSVOA_V

ClientSampled :

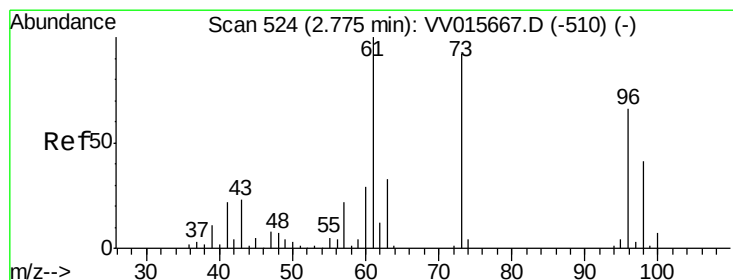
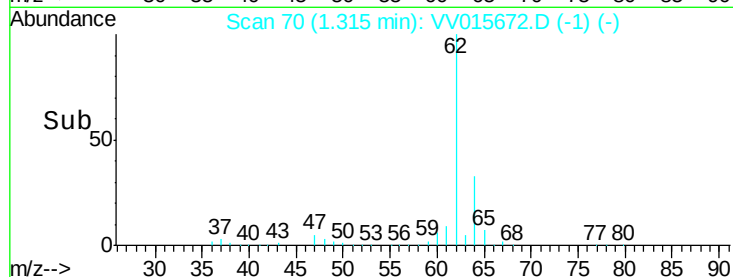
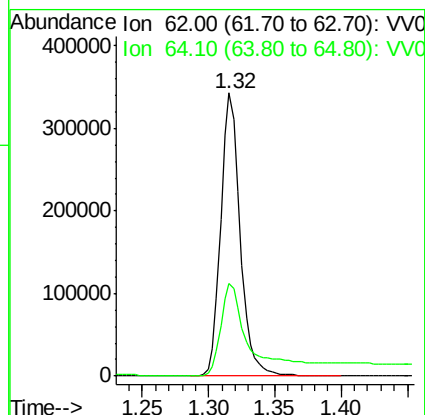
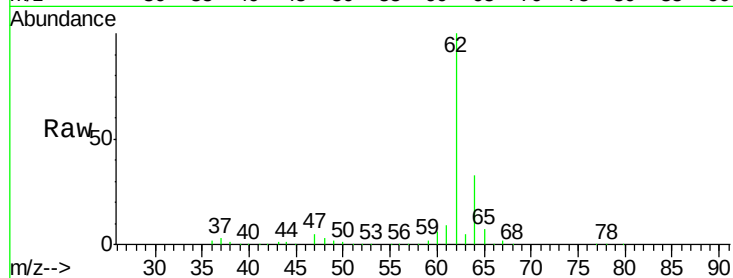
ETKP3

Tot Ion: 62 Resp: 349947

Ion Ratio Lower Upper

62 100

64 32.6 22.7 42.1



#18

trans-1,2-Dichloroethene

Concen: 0.191 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

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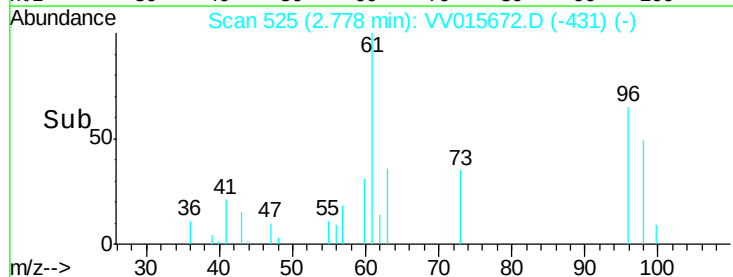
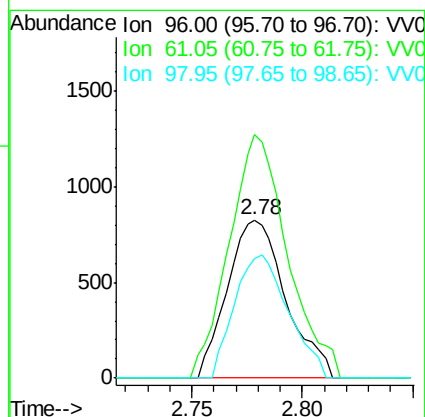
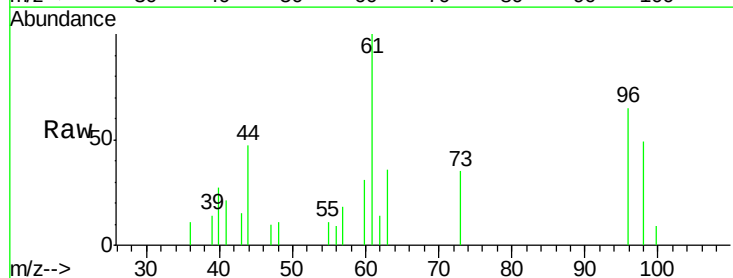
Tgt Ion: 96 Resp: 1519

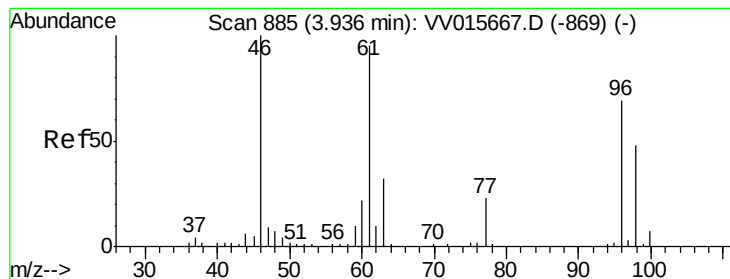
Ion Ratio Lower Upper

96 100

61 153.9 105.5 195.9

98 75.2 44.2 82.0



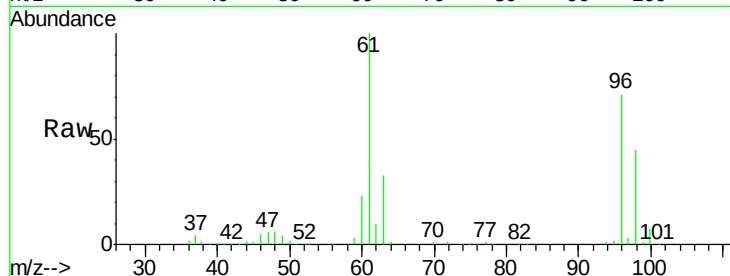


#22

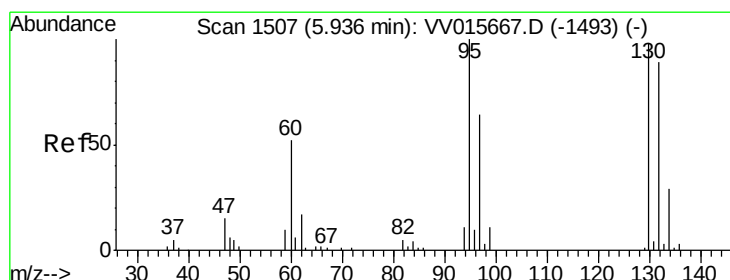
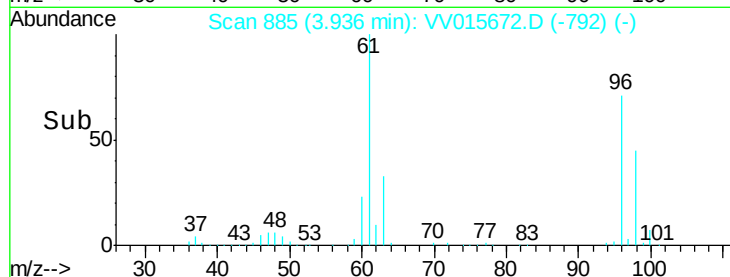
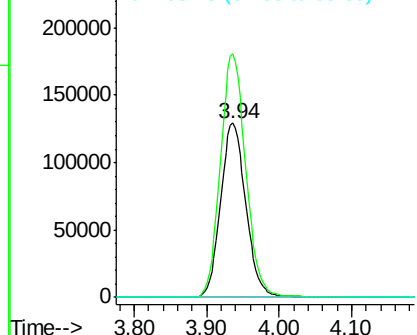
cis-1,2-Dichloroethene
Concen: 35.477 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :
ETKP3

Tot Ion: 96 Resp: 311939
Ion Ratio Lower Upper
96 100
61 139.9 96.4 179.0
68 0.0 0.0 0.0



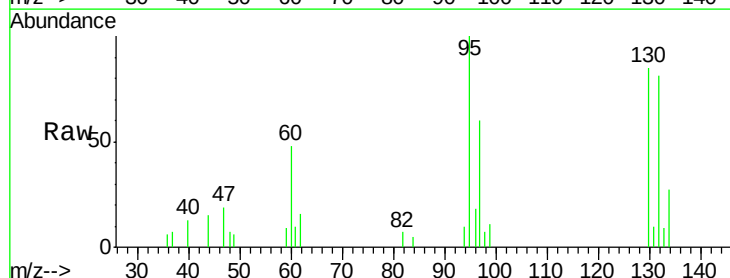
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



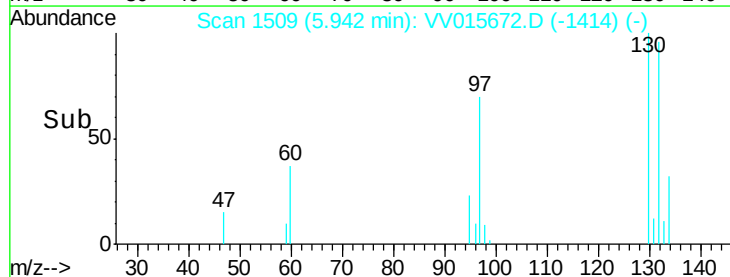
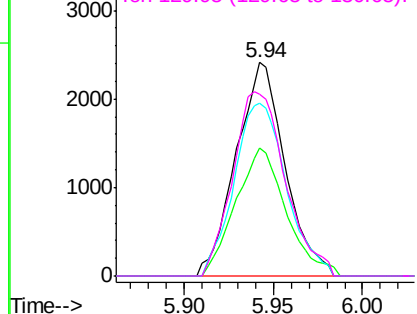
#34

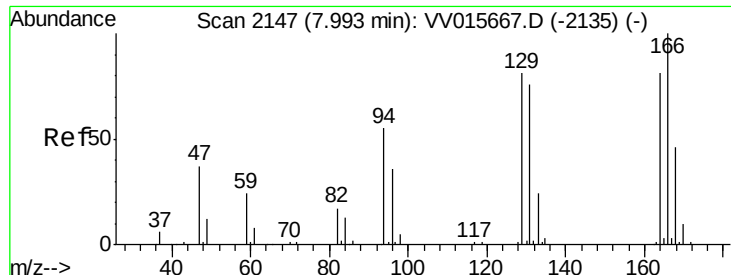
Trichloroethene
Concen: 0.504 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 95 Resp: 4608
Ion Ratio Lower Upper
95 100
97 59.8 44.7 82.9
132 81.2 65.2 121.0
130 85.0 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.235 ug/L

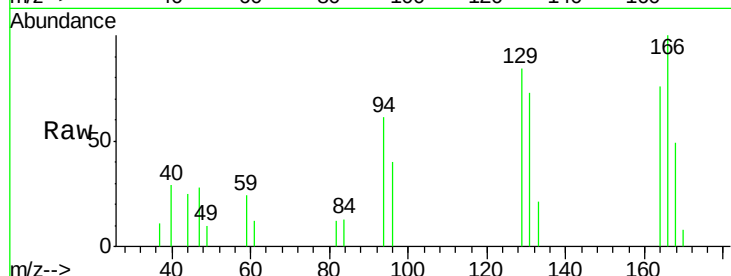
RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV015672.D

Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :
ETKP3



Tot Ion:164 Resp: 1545

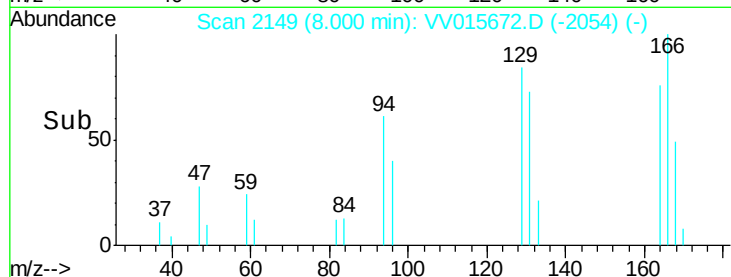
Ion Ratio Lower Upper

164 100

129 109.2 66.7 123.9

131 95.8 66.6 123.6

166 130.8 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

