

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015774.D
 Acq On : 29 Apr 2020 02:37
 Operator : SY/MD
 Sample : L2419-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 03:50:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	111789	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51691	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36740	6.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.80%
7) Chloroethane-d5	1.58	69	33684	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.60%
11) 1,1-Dichloroethene-d2	2.12	63	53681	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.91	46	84028	44.80	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	4.38	84	55981	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.06	65	38364	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	130777	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	41753	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	116023	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.65	79	12659	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.11	63	68562	42.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27558	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41863	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

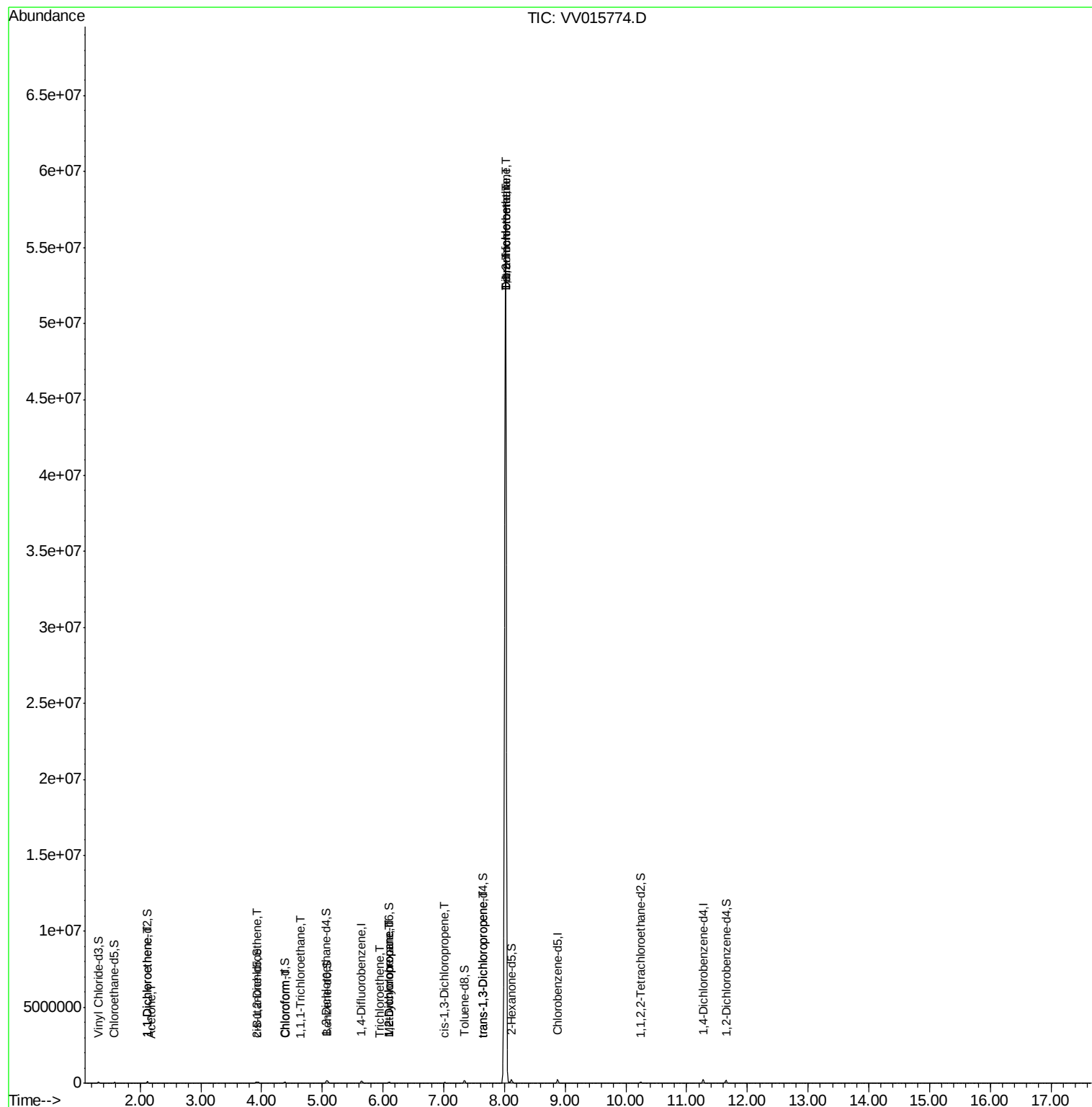
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	491	0.075	ug/L #	1
13) Acetone	2.19	43	3692	2.834	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	12728	1.580	ug/L	99
25) Chloroform	4.40	83	13048	0.859	ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	2015	0.142	ug/L #	72
34) Trichloroethene	5.94	95	10085	1.145	ug/L	96
35) Methylcyclohexane	6.10	83	10201	0.755	ug/L #	21
37) 1,2-Dichloropropane	6.09	63	5091	0.628	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1125	0.100	ug/L #	73
44) trans-1,3-Dichloropropene	7.64	75	715	0.075	ug/L #	63
45) 1,1,2-Trichloroethane	8.02	97	158873	28.752	ug/L #	1
47) Tetrachloroethene	8.02	164	14465225	2280.778	ug/L	92
49) Dibromochloromethane	8.02	129	14977660	2619.037	ug/L #	12

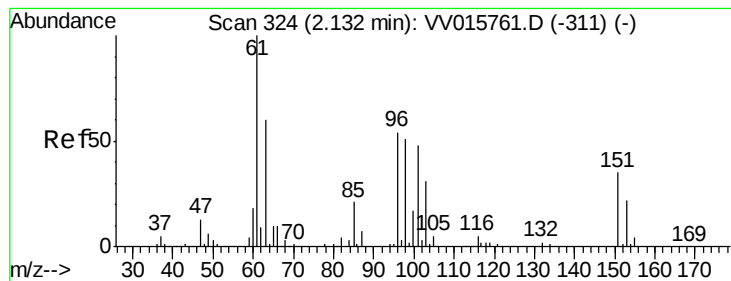
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

Instrument :

MSVOA_V

ClientSampleId :

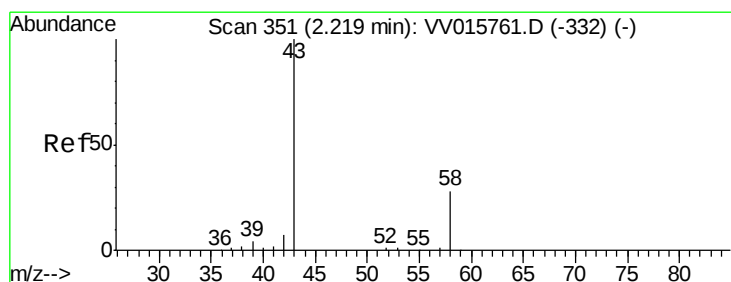
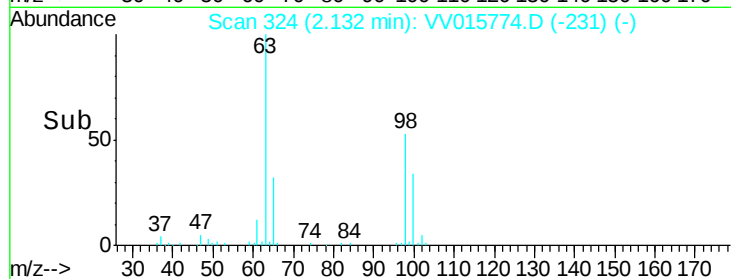
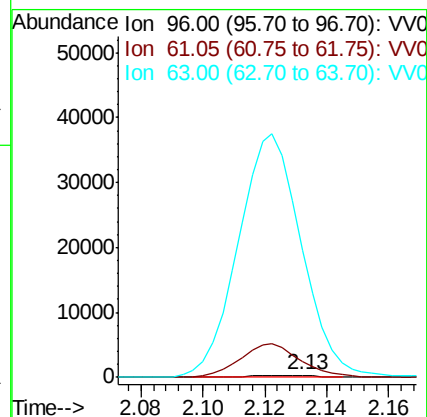
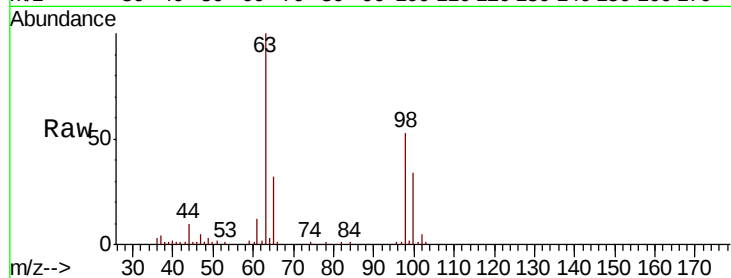
Tot Ion: 96 Resp: 491

Ion Ratio Lower Upper

96 100

61 827.6 130.1 241.7#

63 6684.0 91.4 169.8#



#13

Acetone

Concen: 2.834 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV015774.D

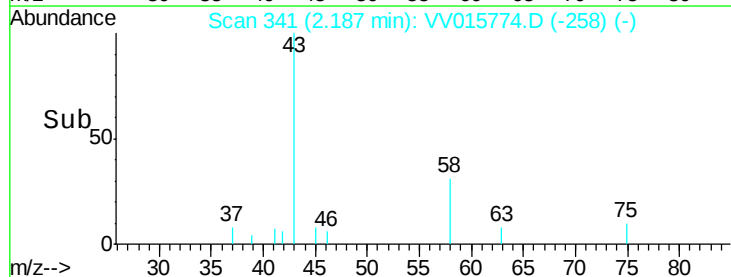
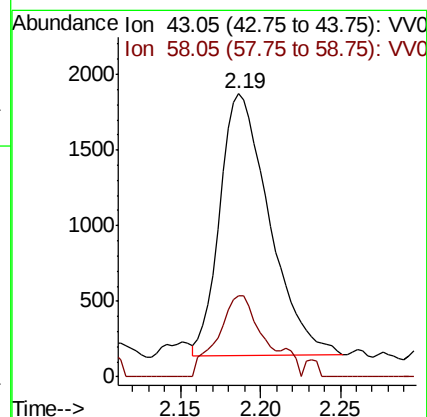
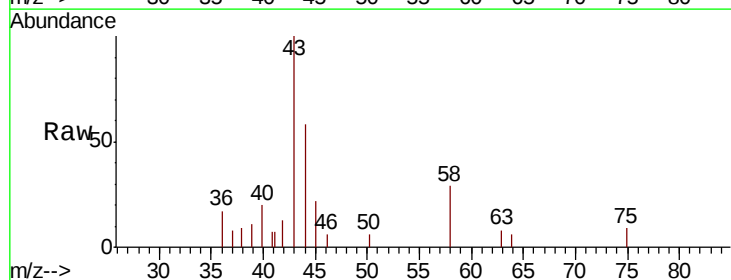
Acq: 29 Apr 2020 02:37

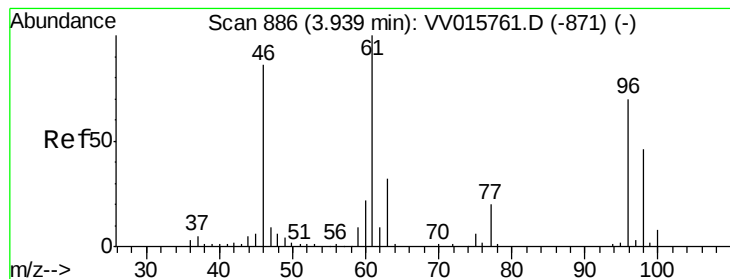
Tgt Ion: 43 Resp: 3692

Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.6



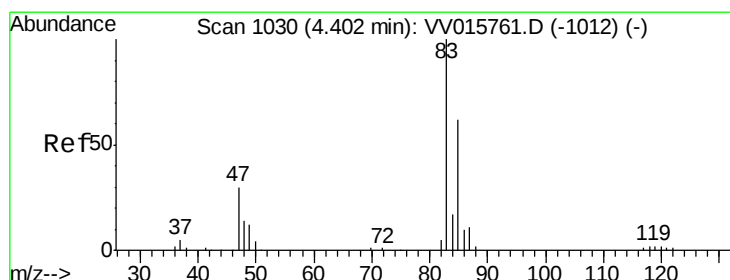
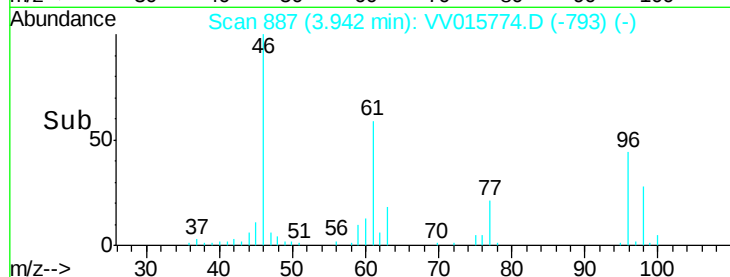
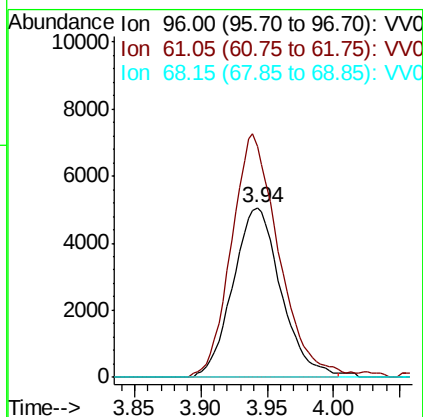
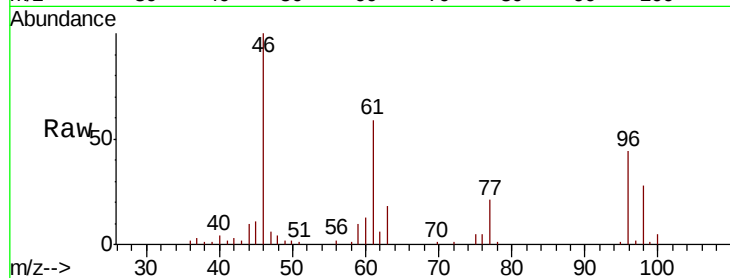


#22

cis-1,2-Dichloroethene
Concen: 1.580 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

Instrument :
MSVOA_V
ClientSampleId :

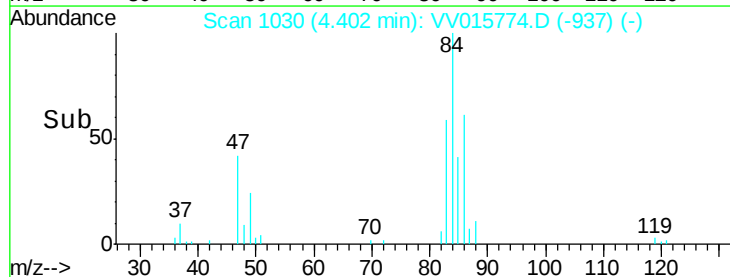
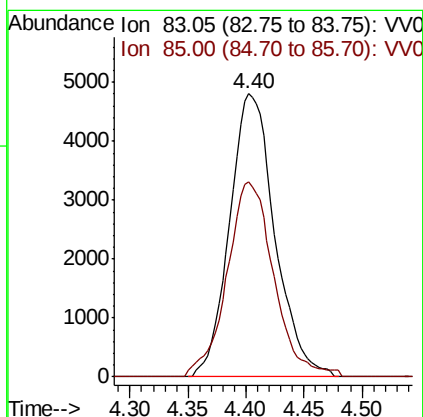
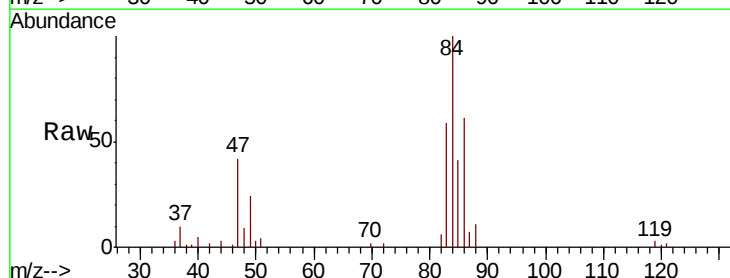
Tot Ion: 96 Resp: 12728
Ion Ratio Lower Upper
96 100
61 136.2 96.4 179.0
68 0.0 0.0 0.0

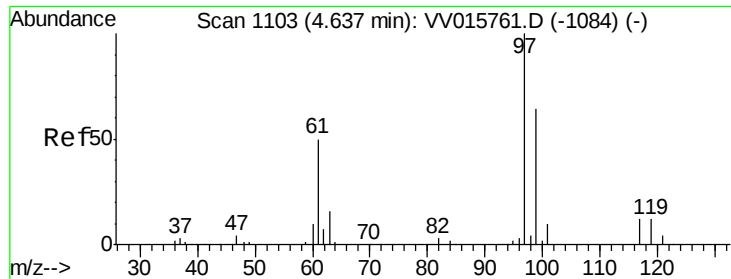


#25

Chloroform
Concen: 0.859 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

Tgt Ion: 83 Resp: 13048
Ion Ratio Lower Upper
83 100
85 68.7 46.1 85.5

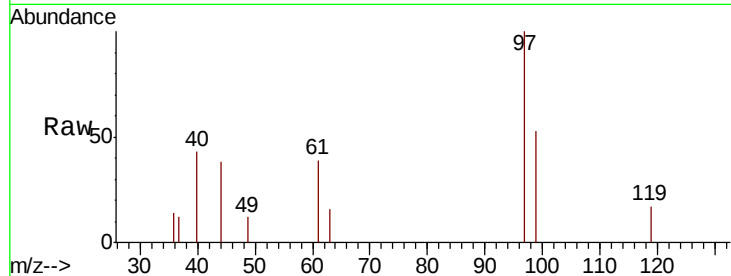




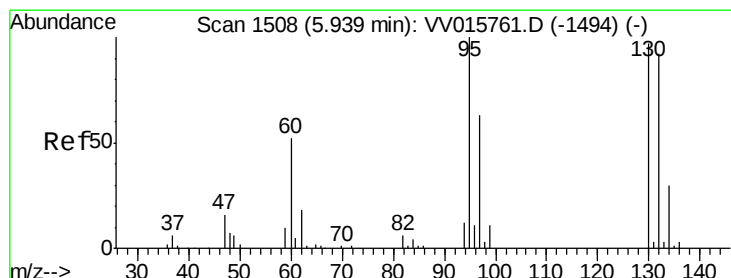
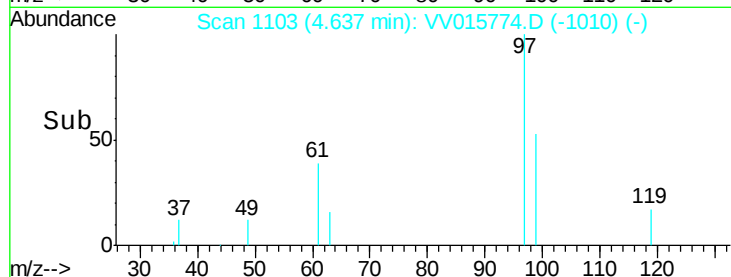
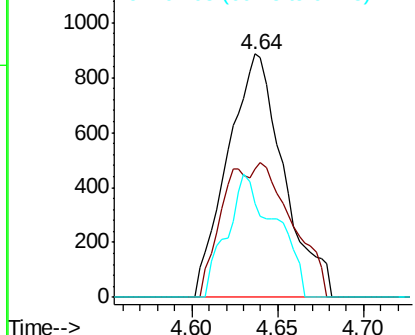
#29
 1,1,1-Trichloroethane
 Concen: 0.142 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV015774.D
 Acq: 29 Apr 2020 02:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 2015
 Ion Ratio Lower Upper
 97 100
 99 29.2 51.6 77.4#
 61 43.8 38.6 57.8

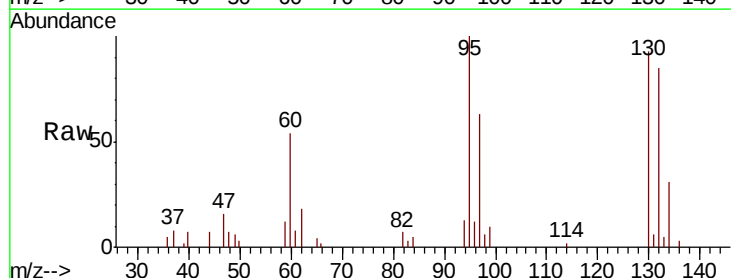


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

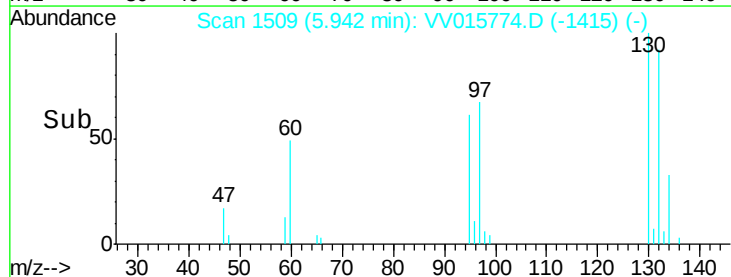
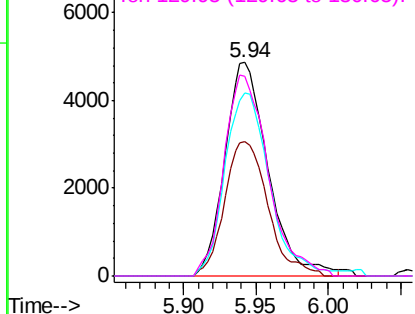


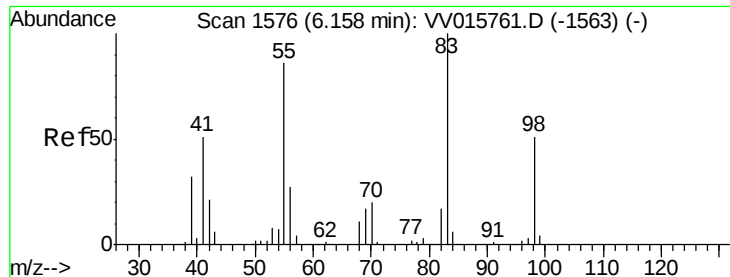
#34
 Trichloroethene
 Concen: 1.145 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV015774.D
 Acq: 29 Apr 2020 02:37

Tgt Ion: 95 Resp: 10085
 Ion Ratio Lower Upper
 95 100
 97 62.7 44.7 82.9
 132 85.5 65.2 121.0
 130 93.3 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

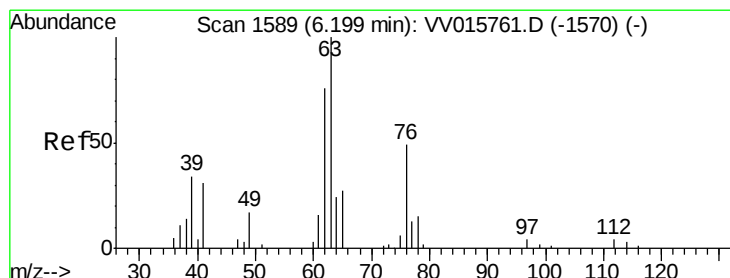
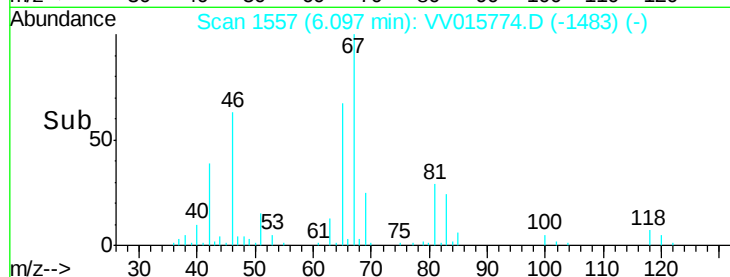
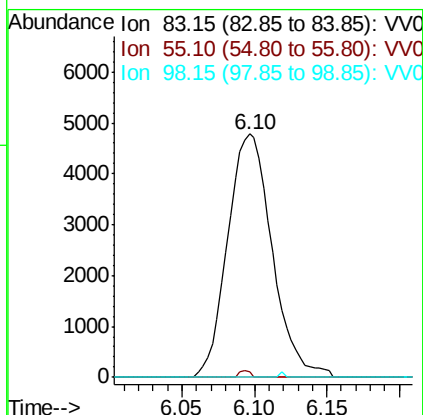
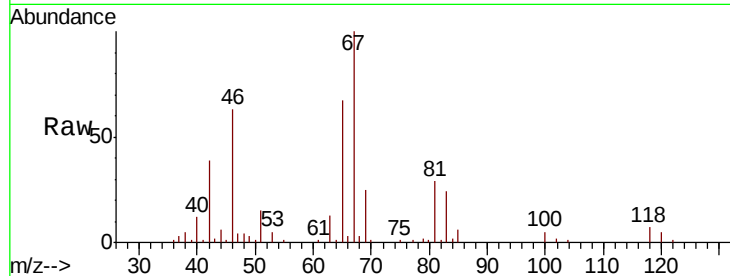




#35
Methvlcvclohexane
Concen: 0.755 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

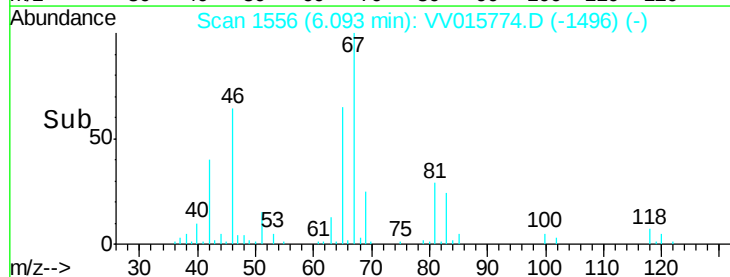
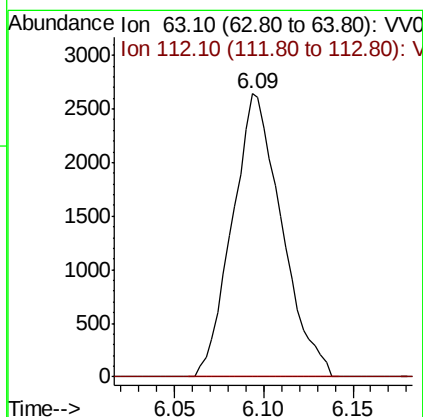
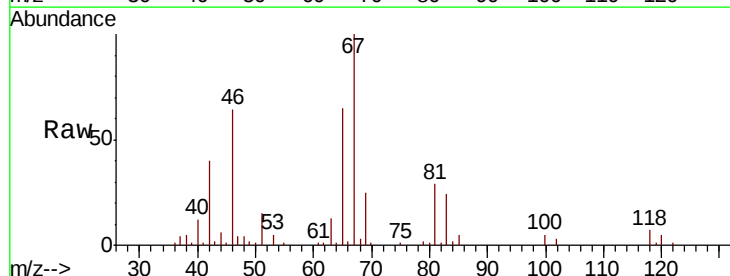
Instrument :
MSVOA_V
ClientSampleId :

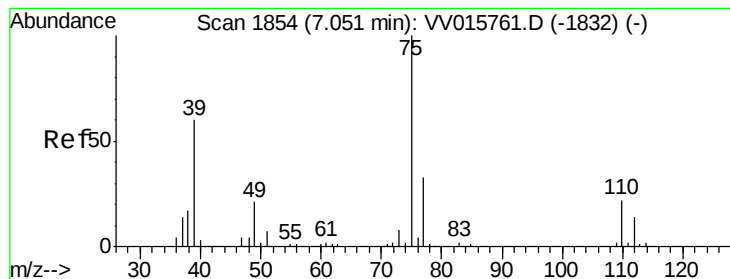
Tot Ion: 83 Resp: 10201
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 10.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

Tgt Ion: 63 Resp: 5091
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



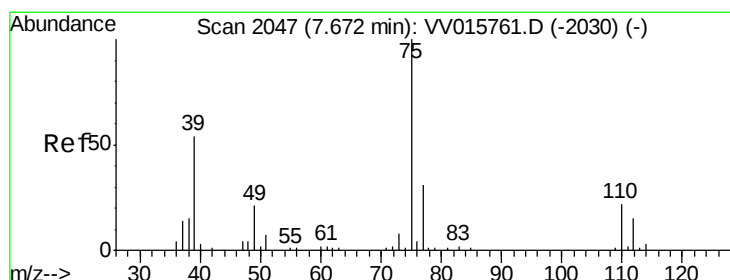
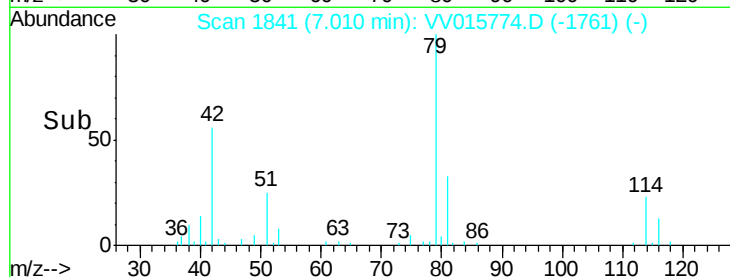
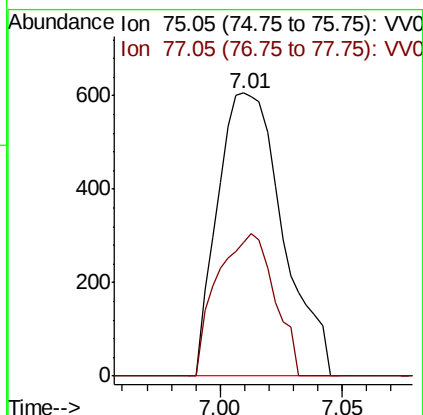
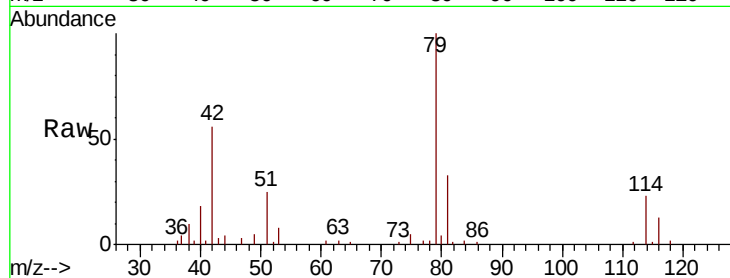


#39

cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

Instrument :
MSVOA_V
ClientSampleId :

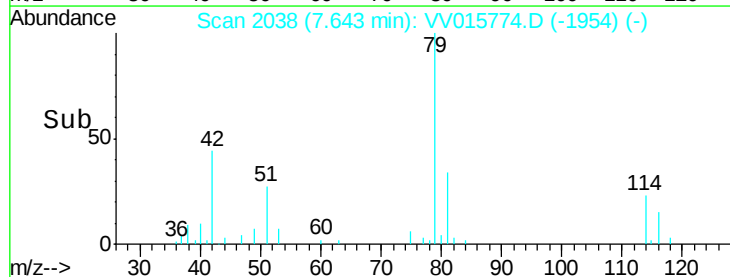
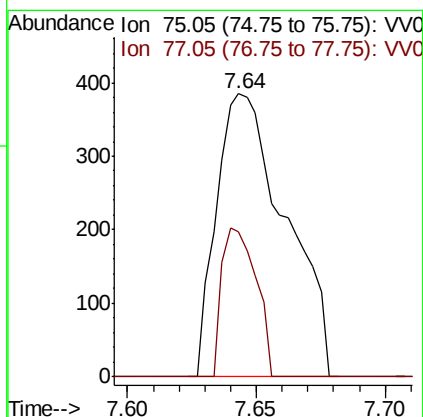
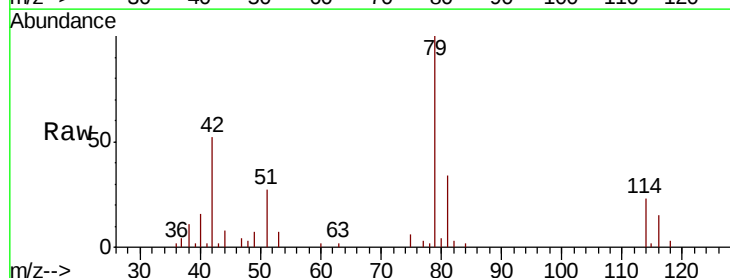
Tot Ion: 75 Resp: 1125
Ion Ratio Lower Upper
75 100
77 47.2 22.3 41.5#

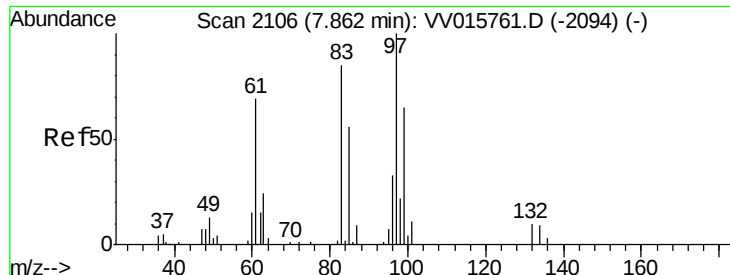


#44

trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

Tgt Ion: 75 Resp: 715
Ion Ratio Lower Upper
75 100
77 51.4 21.8 40.6#





#45

1,1,2-Trichloroethane

Concen: 28.752 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.16 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 158873

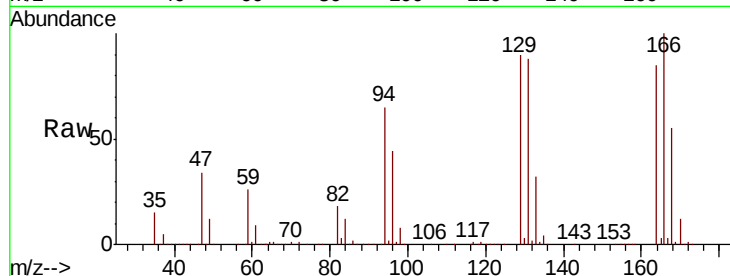
Ion Ratio Lower Upper

97 100

99 16.2 45.4 84.4#

83 287.7 61.3 113.9#

85 40.0 38.4 71.4

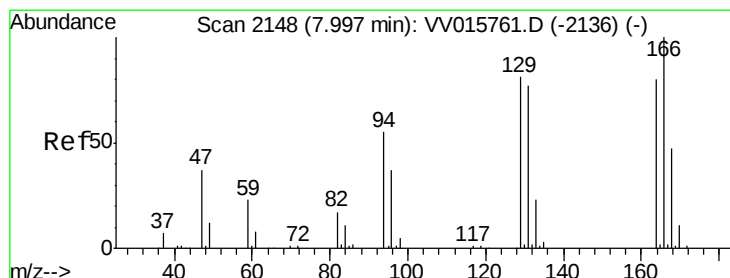
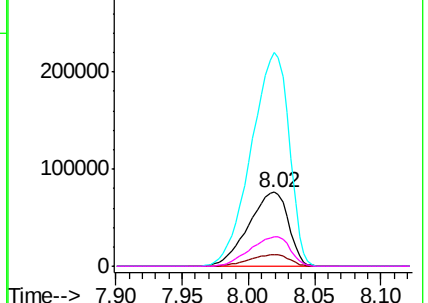
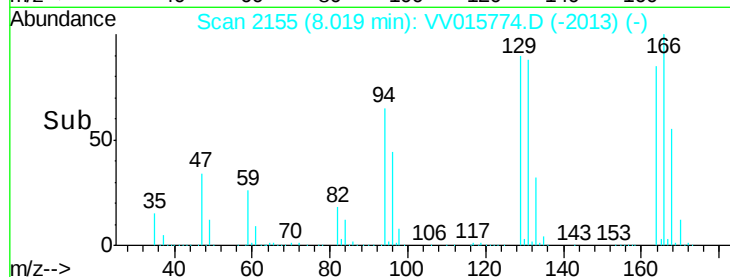


Abundance Ion 96.95 (96.65 to 97.65): VV015774.D (-2094) (-)

Ion 99.05 (98.75 to 99.75): VV015774.D (-2094) (-)

Ion 82.95 (82.65 to 83.65): VV015774.D (-2094) (-)

Ion 85.00 (84.70 to 85.70): VV015774.D (-2094) (-)



#47

Tetrachloroethene

Concen: 2280.778 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.02 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

Tgt Ion: 164 Resp: 14465225

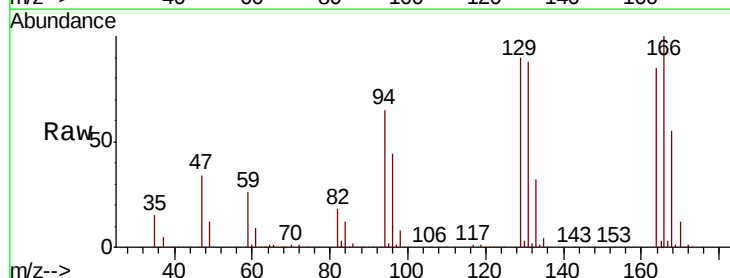
Ion Ratio Lower Upper

164 100

129 106.8 66.7 123.9

131 103.9 66.6 123.6

166 118.1 85.3 158.5

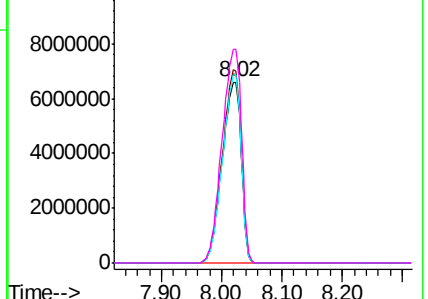
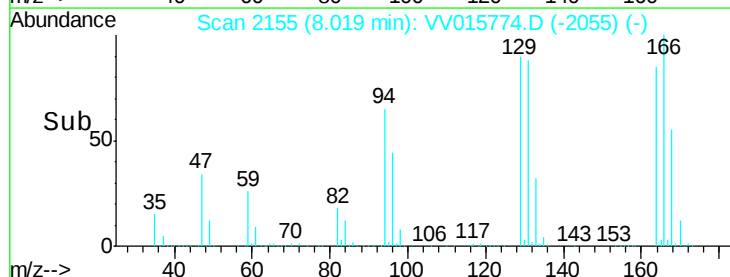


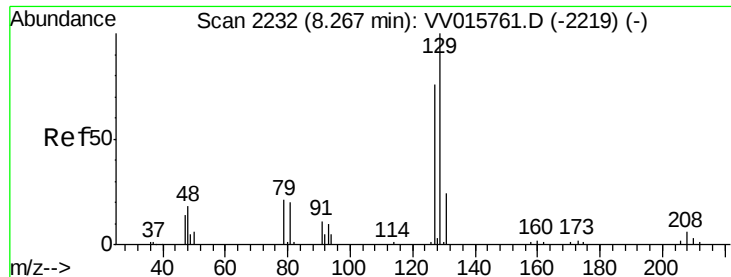
Abundance Ion 163.90 (163.60 to 164.60): VV015774.D (-2136) (-)

Ion 128.95 (128.65 to 129.65): VV015774.D (-2136) (-)

Ion 130.95 (130.65 to 131.65): VV015774.D (-2136) (-)

Ion 165.90 (165.60 to 166.60): VV015774.D (-2136) (-)





#49

Dibromochloromethane

Concen: 2619.037 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.25 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

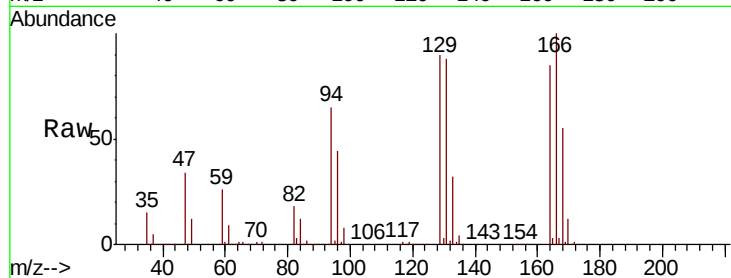
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp:14977660

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

