

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016418.D
 Acq On : 01 Jun 2020 18:09
 Operator : SY/MD
 Sample : L2780-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:18:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88789	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85085	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27187	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.58	69	22612	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.12	63	38942	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.95	46	79766	47.56	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.12%
24) Chloroform-d	4.38	84	53378	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.06	65	30459	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.07	84	106672	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.09	67	32786	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.33	98	88812	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
45) trans-1,3-Dichloropropene-	7.64	79	10606	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
48) 2-Hexanone-d5	8.11	63	61953	49.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23565	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	30477	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	1250	0.141 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	942	0.157 ug/L #	57
13) Acetone	2.22	43	1752	1.553 ug/L	80
22) cis-1,2-Dichloroethene	3.94	96	1180	0.176 ug/L	85
25) Chloroform	4.40	83	2999	0.250 ug/L	89
27) 1,2-Dichloroethane	5.07	62	615	0.078 ug/L #	76
34) Trichloroethene	5.94	95	1720	0.260 ug/L	89
35) Methylcyclohexane	6.10	83	7875	0.740 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	3858	0.606 ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	942	0.112 ug/L #	75
46) trans-1,3-Dichloropropene	7.64	75	467	0.067 ug/L #	52
49) Tetrachloroethene	7.99	164	10536	2.175 ug/L	98
50) 2-Hexanone	8.11	43	8666	3.230 ug/L #	64
51) Dibromochloromethane	7.99	129	10371	2.435 ug/L #	9
70) Naphthalene	13.53	128	1807	0.108 ug/L #	78

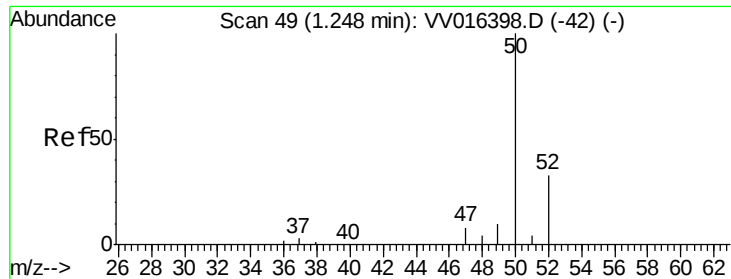
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
Data File : VV016418.D
Acq On : 01 Jun 2020 18:09
Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 02 01:18:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration

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

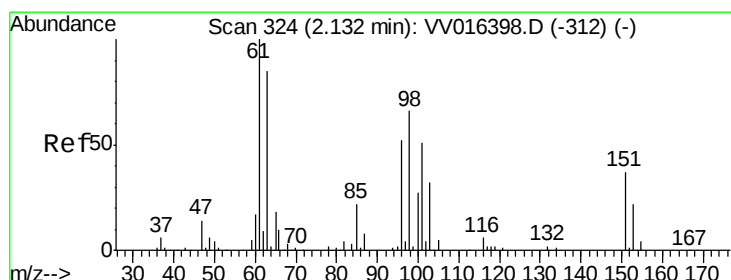
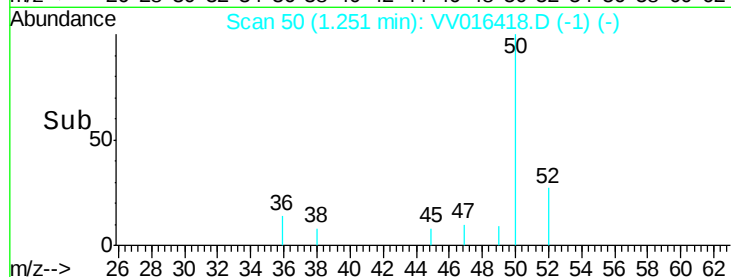
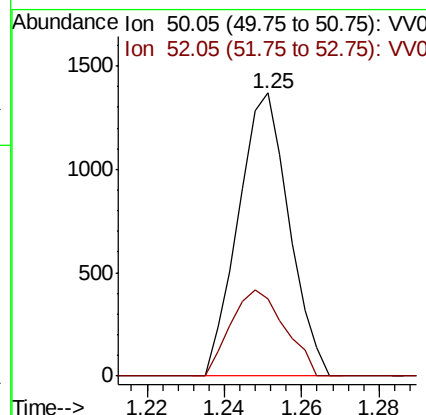
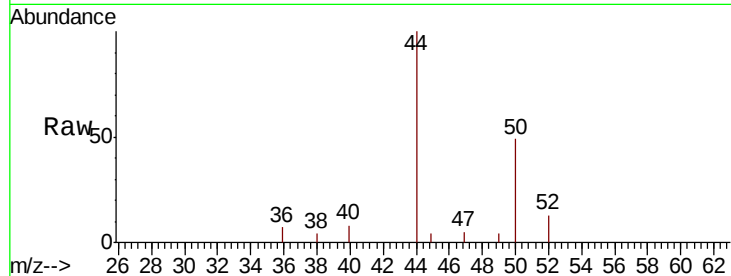
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

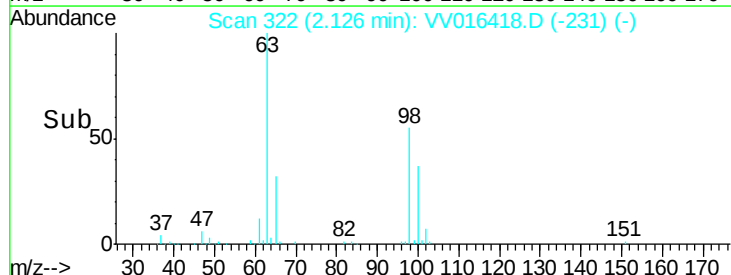
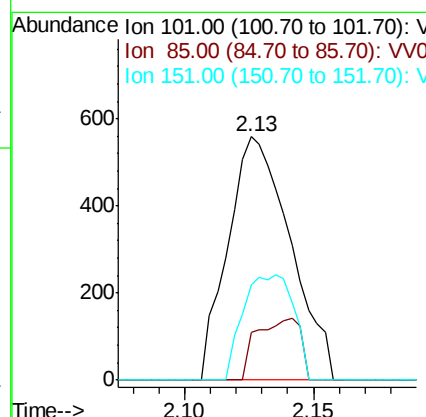
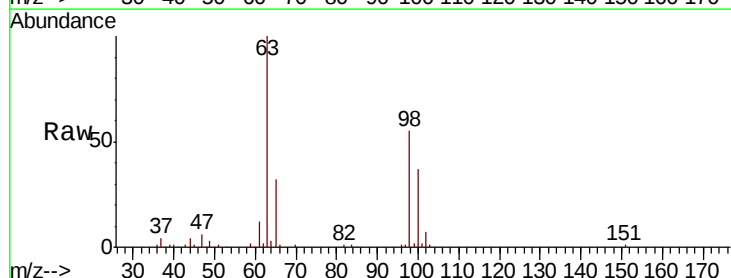
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MSVOA_V
ClientSampleId :

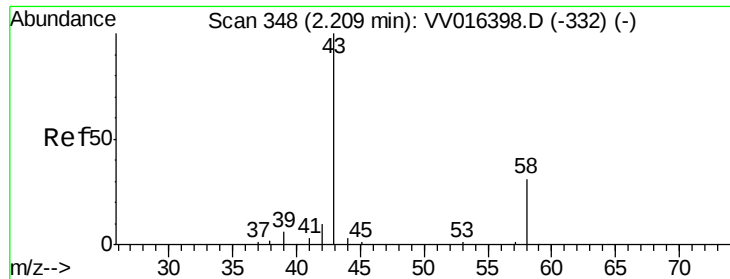
Tot Ion: 50 Resp: 1250
Ion Ratio Lower Upper
50 100
52 27.2 23.1 42.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.157 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

Tgt Ion:101 Resp: 942
Ion Ratio Lower Upper
101 100
85 17.7 35.7 53.5#
151 35.1 57.2 85.8#





#13

Acetone

Concen: 1.553 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV016418.D

Acq: 01 Jun 2020 18:09

Instrument :

MSVOA_V

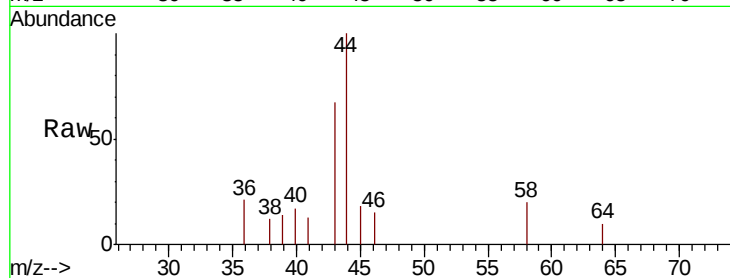
ClientSampleId :

Tot Ion: 43 Resp: 1752

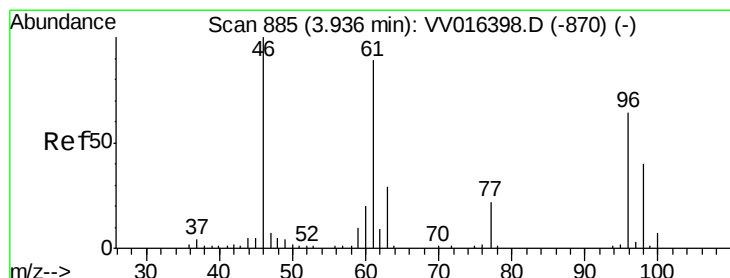
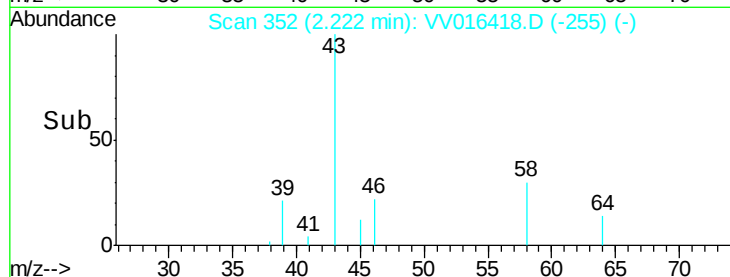
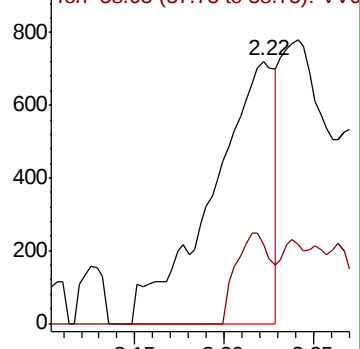
Ion Ratio Lower Upper

43 100

58 19.0 0.0 59.2



Abundance Ion 43.05 (42.75 to 43.75): VV016418.D (-255) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.176 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016418.D

Acq: 01 Jun 2020 18:09

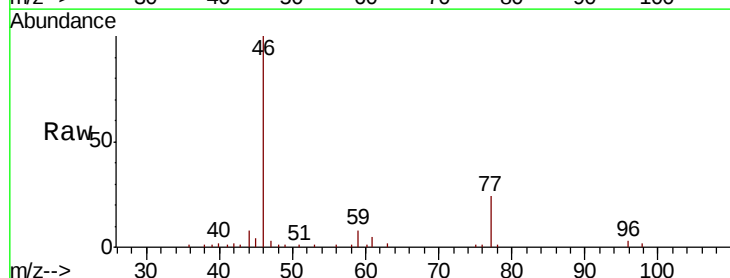
Tgt Ion: 96 Resp: 1180

Ion Ratio Lower Upper

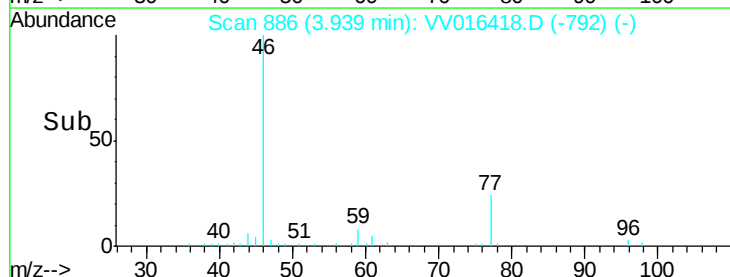
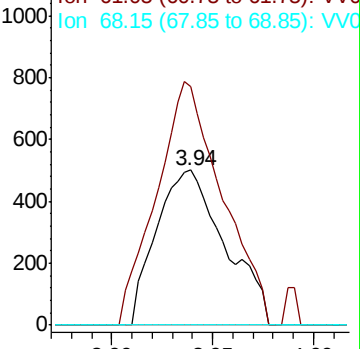
96 100

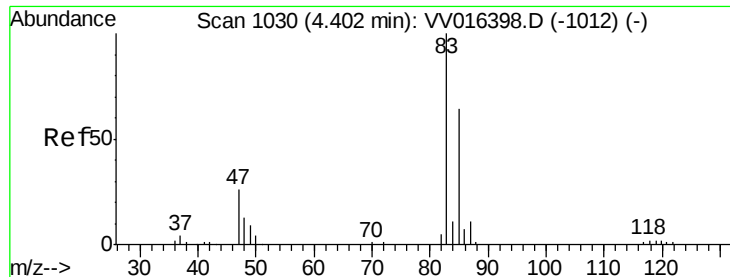
61 153.8 94.8 176.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016418.D (-792) (-)

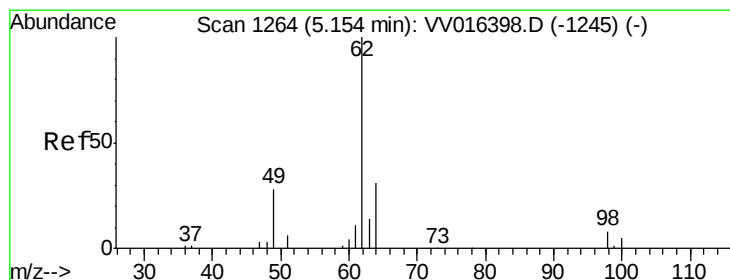
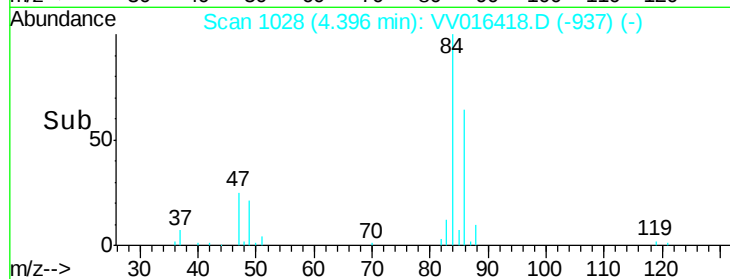
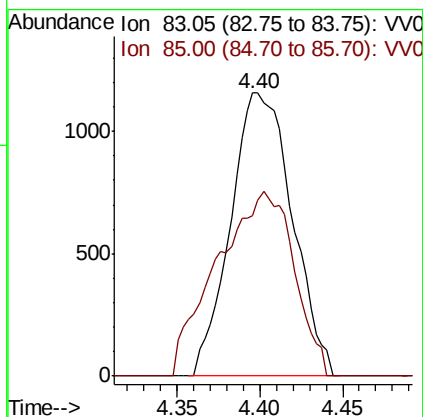
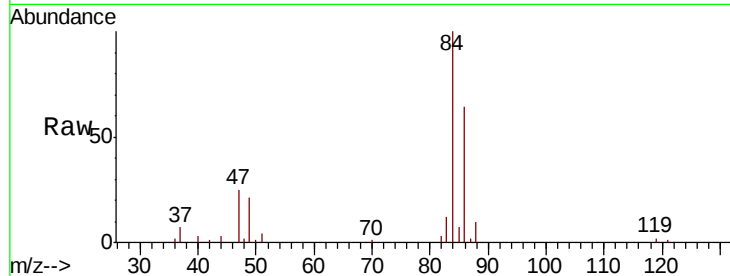




#25
Chloroform
Concen: 0.250 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

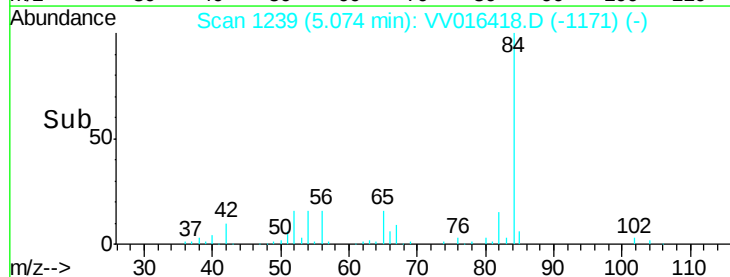
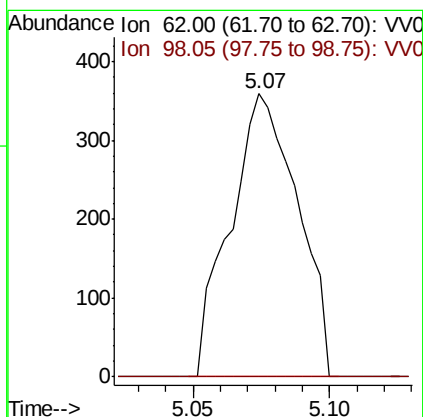
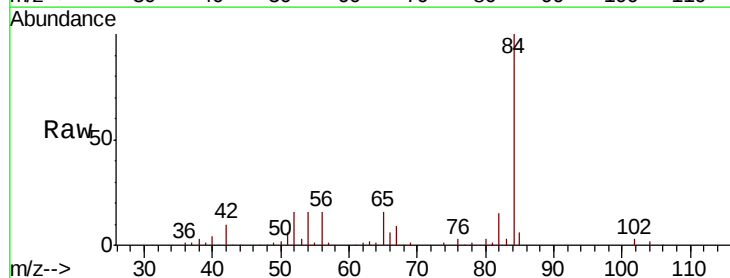
Instrument :
MSVOA_V
ClientSampled :

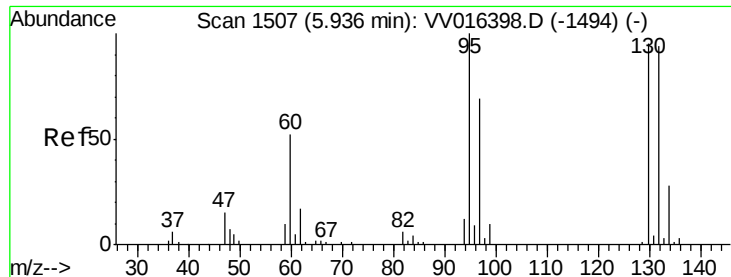
Tot Ion: 83 Resp: 2999
Ion Ratio Lower Upper
83 100
85 56.9 45.8 85.2



#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

Tgt Ion: 62 Resp: 615
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#

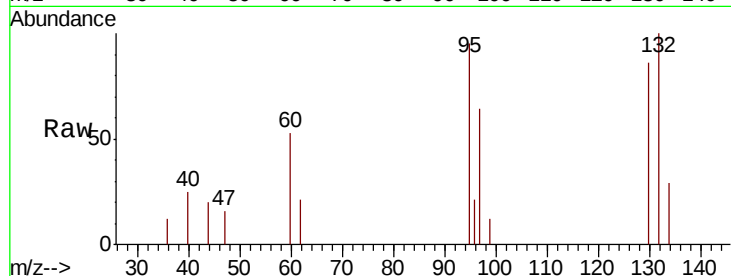




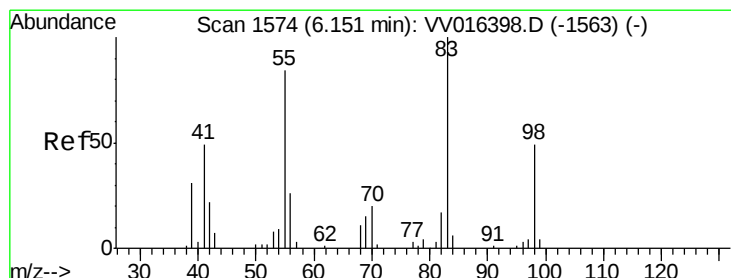
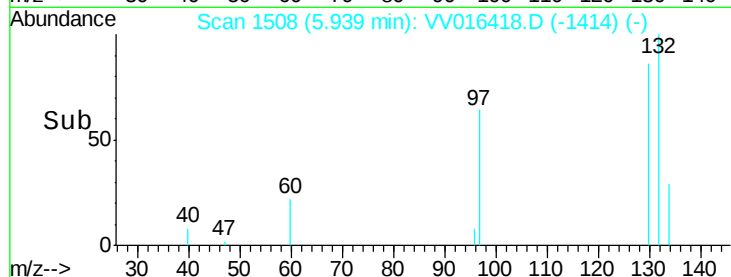
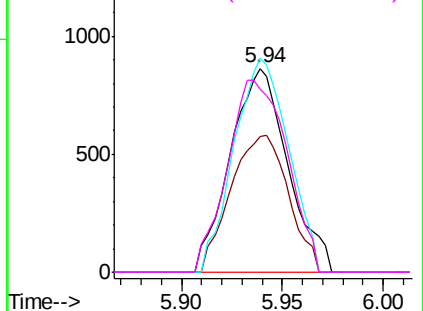
#34
 Trichloroethene
 Concen: 0.260 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016418.D
 Acq: 01 Jun 2020 18:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 1720
 Ion Ratio Lower Upper
 95 100
 97 66.9 42.6 79.0
 132 104.9 59.6 110.8
 130 89.9 64.8 120.4

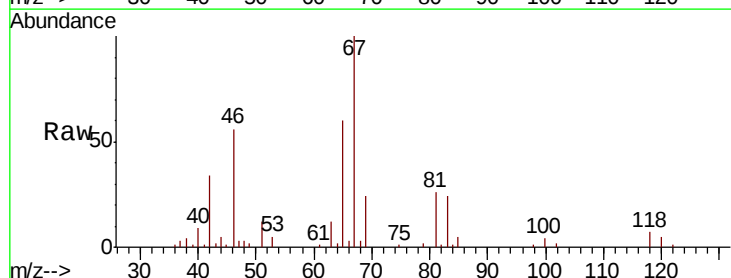


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

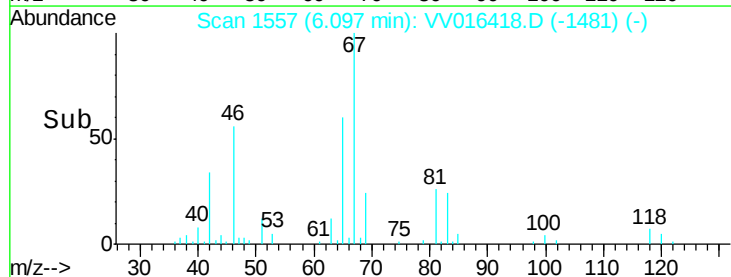
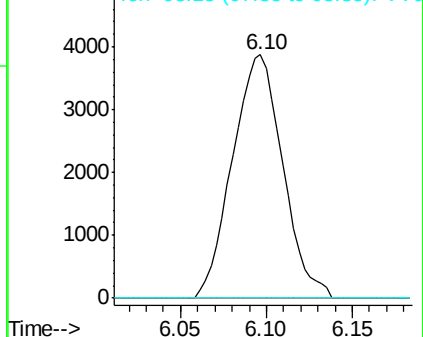


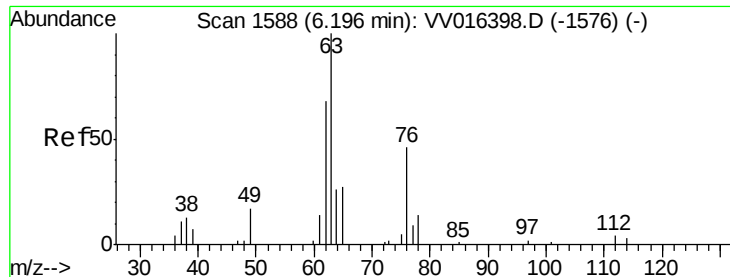
#35
 Methylcyclohexane
 Concen: 0.740 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016418.D
 Acq: 01 Jun 2020 18:09

Tgt Ion: 83 Resp: 7875
 Ion Ratio Lower Upper
 83 100
 55 0.0 67.0 100.4#
 98 1.7 39.0 58.4#



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

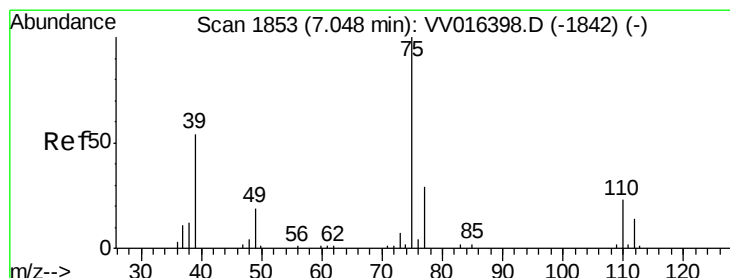
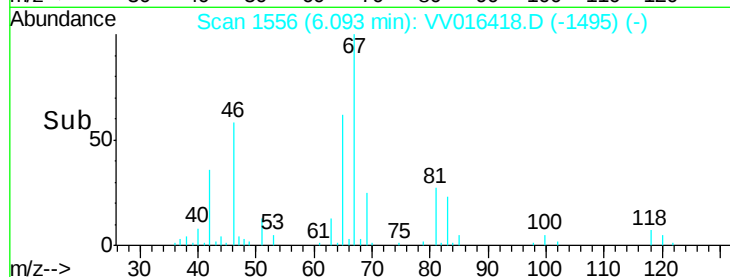
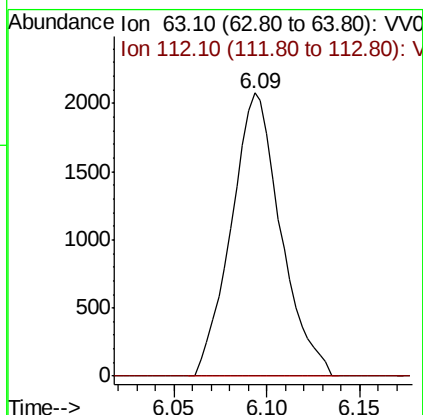
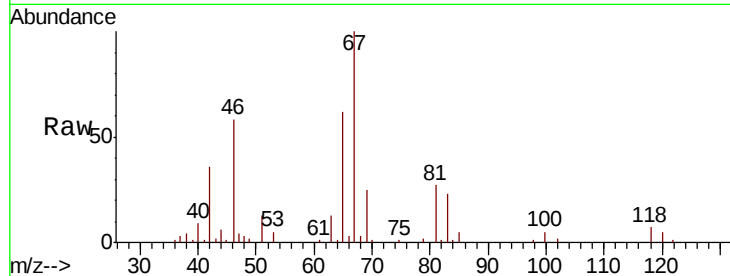




#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV016418.D
 Acq: 01 Jun 2020 18:09

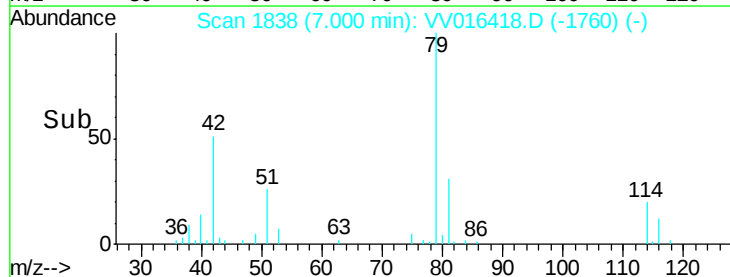
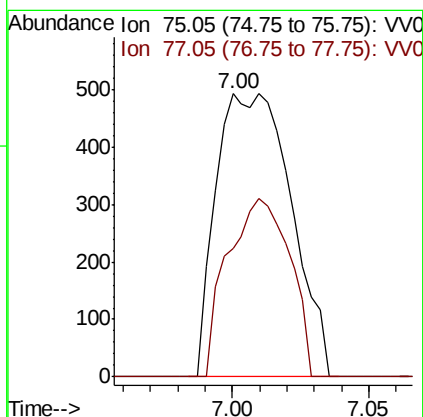
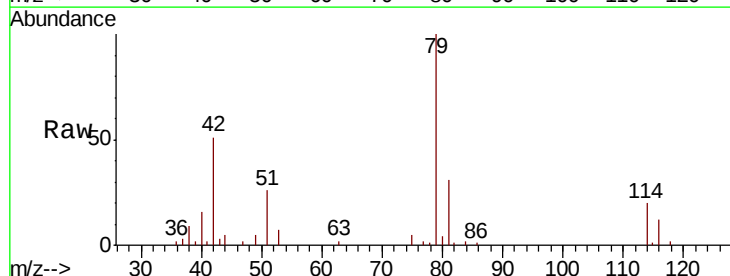
Instrument :
 MSVOA_V
 ClientSampleId :

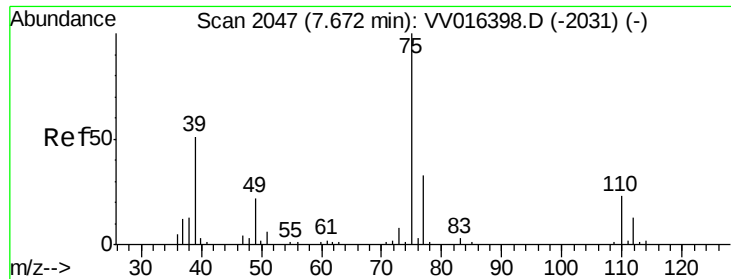
Tot Ion: 63 Resp: 3858
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.00 min Scan# 1838
 Delta R.T. -0.05 min
 Lab File: VV016418.D
 Acq: 01 Jun 2020 18:09

Tgt Ion: 75 Resp: 942
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.0 41.0#

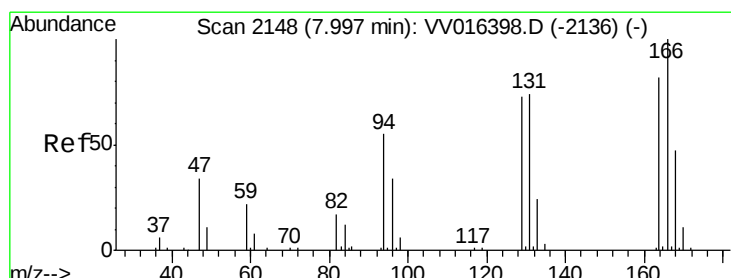
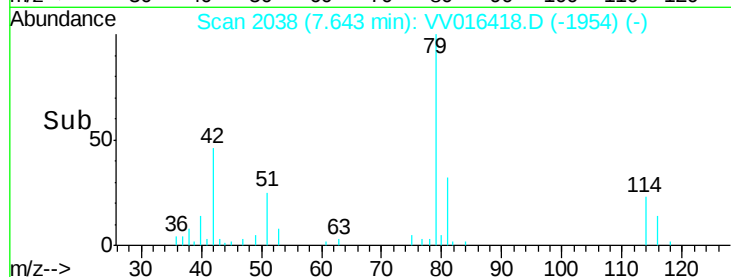
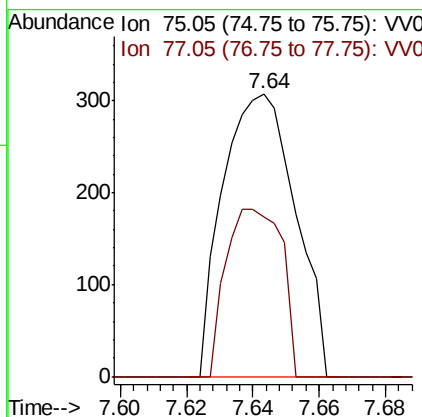
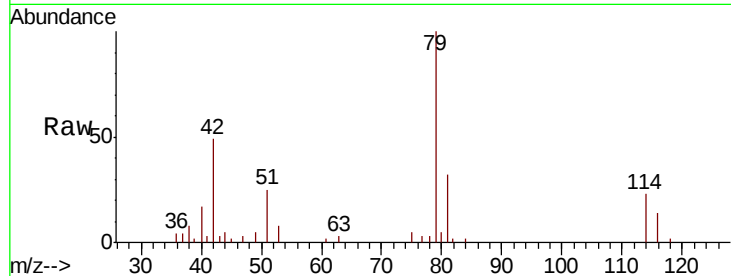




#46
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

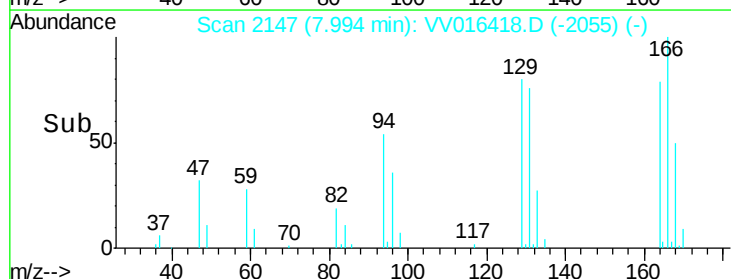
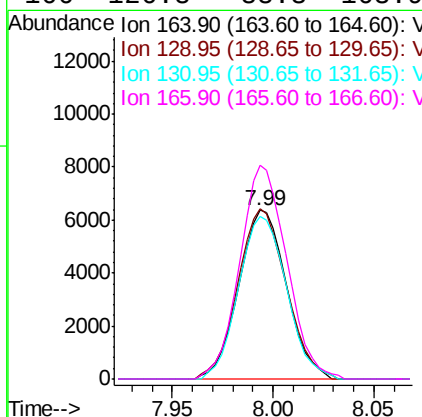
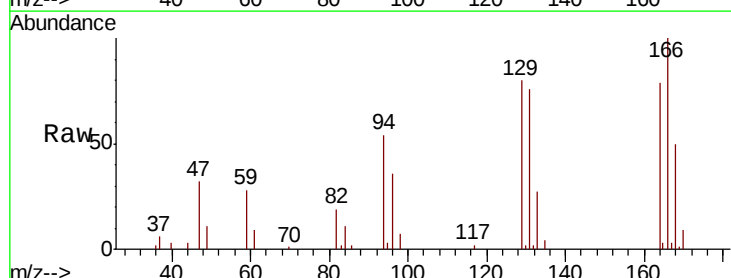
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MSVOA_V
ClientSampleId :

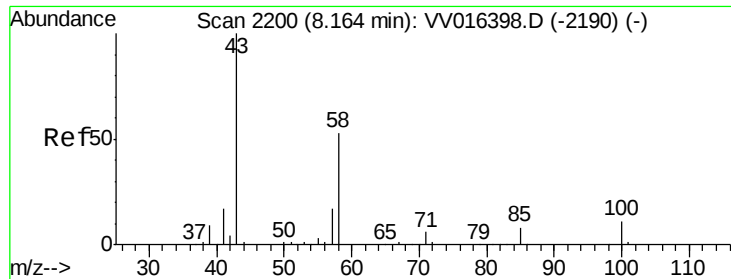
Tot Ion: 75 Resp: 467
Ion Ratio Lower Upper
75 100
77 56.2 21.1 39.3#



#49
Tetrachloroethene
Concen: 2.175 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

Tgt Ion:164 Resp: 10536
Ion Ratio Lower Upper
164 100
129 101.4 72.2 134.0
131 96.7 65.8 122.2
166 126.8 88.3 163.9

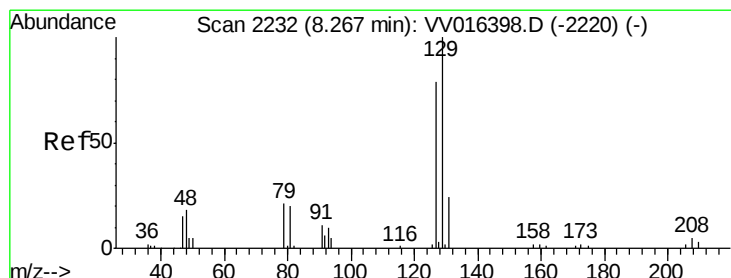
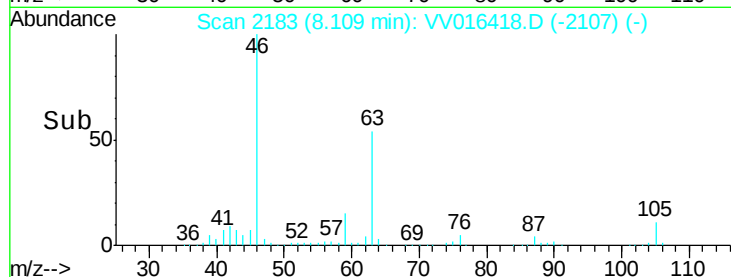
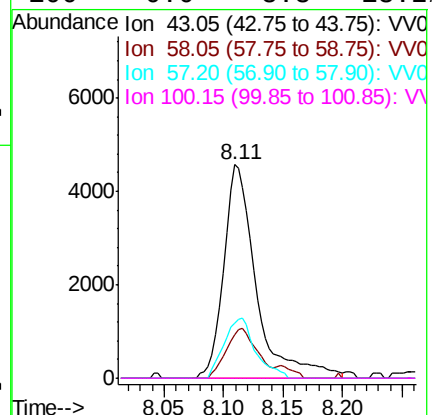
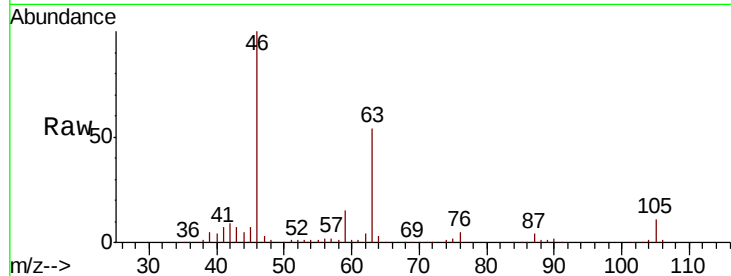




#50
2-Hexanone
Concen: 3.230 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

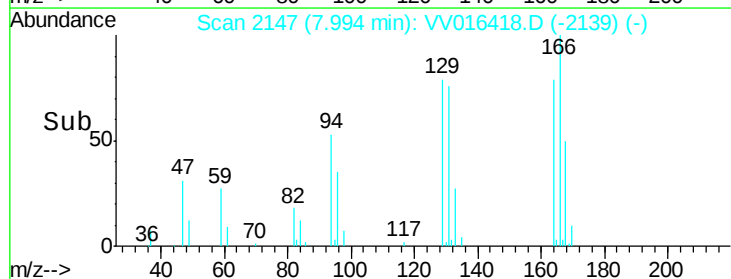
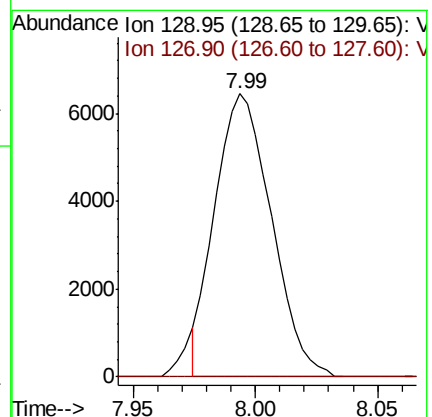
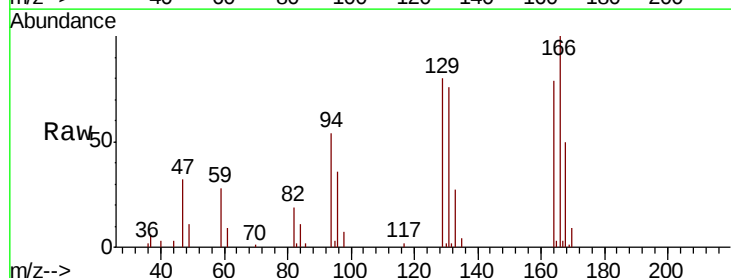
Instrument :
MSVOA_V
ClientSampleId :

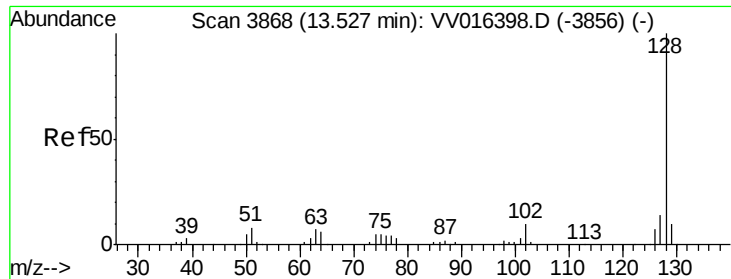
Tot Ion: 43 Resp: 8666
Ion Ratio Lower Upper
43 100
58 21.8 41.1 61.7#
57 27.0 14.2 21.4#
100 0.0 8.8 13.2#



#51
Dibromochloromethane
Concen: 2.435 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV016418.D
Acq: 01 Jun 2020 18:09

Tgt Ion:129 Resp: 10371
Ion Ratio Lower Upper
129 100
127 0.0 57.0 105.8#





#70

Naphthalene

Concen: 0.108 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

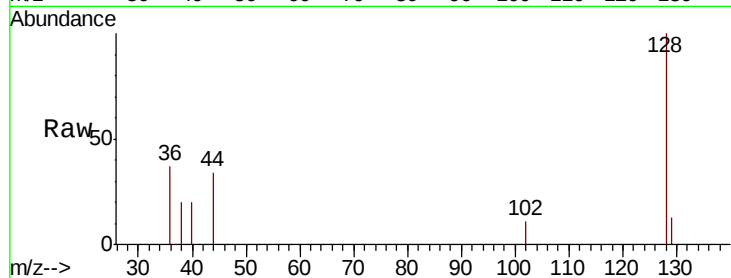
Lab File: VV016418.D

Acq: 01 Jun 2020 18:09

Instrument :

MSVOA_V

ClientSampleId :



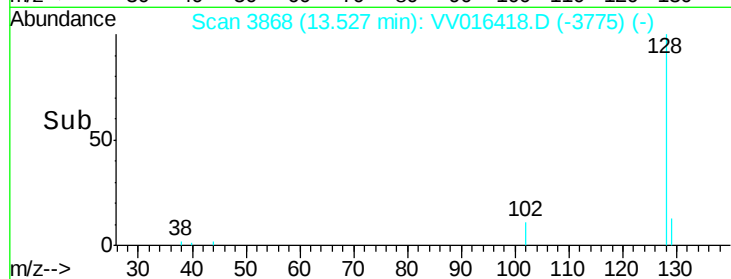
Tot Ion:128 Resp: 1807

Ion Ratio Lower Upper

128 100

129 6.3 8.6 12.8#

127 1.2 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

