

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016400.D
 Acq On : 01 Jun 2020 10:24
 Operator : SY/MD
 Sample : L2826-04DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:14:50 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	89221	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	83715	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33841	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	26655	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	47610	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.96	46	89234	52.95	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	4.38	84	60839	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	34512	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	118274	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.10	67	35788	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	102153	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
45) trans-1,3-Dichloropropene-	7.64	79	12746	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
48) 2-Hexanone-d5	8.12	63	65995	53.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27234	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32609	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

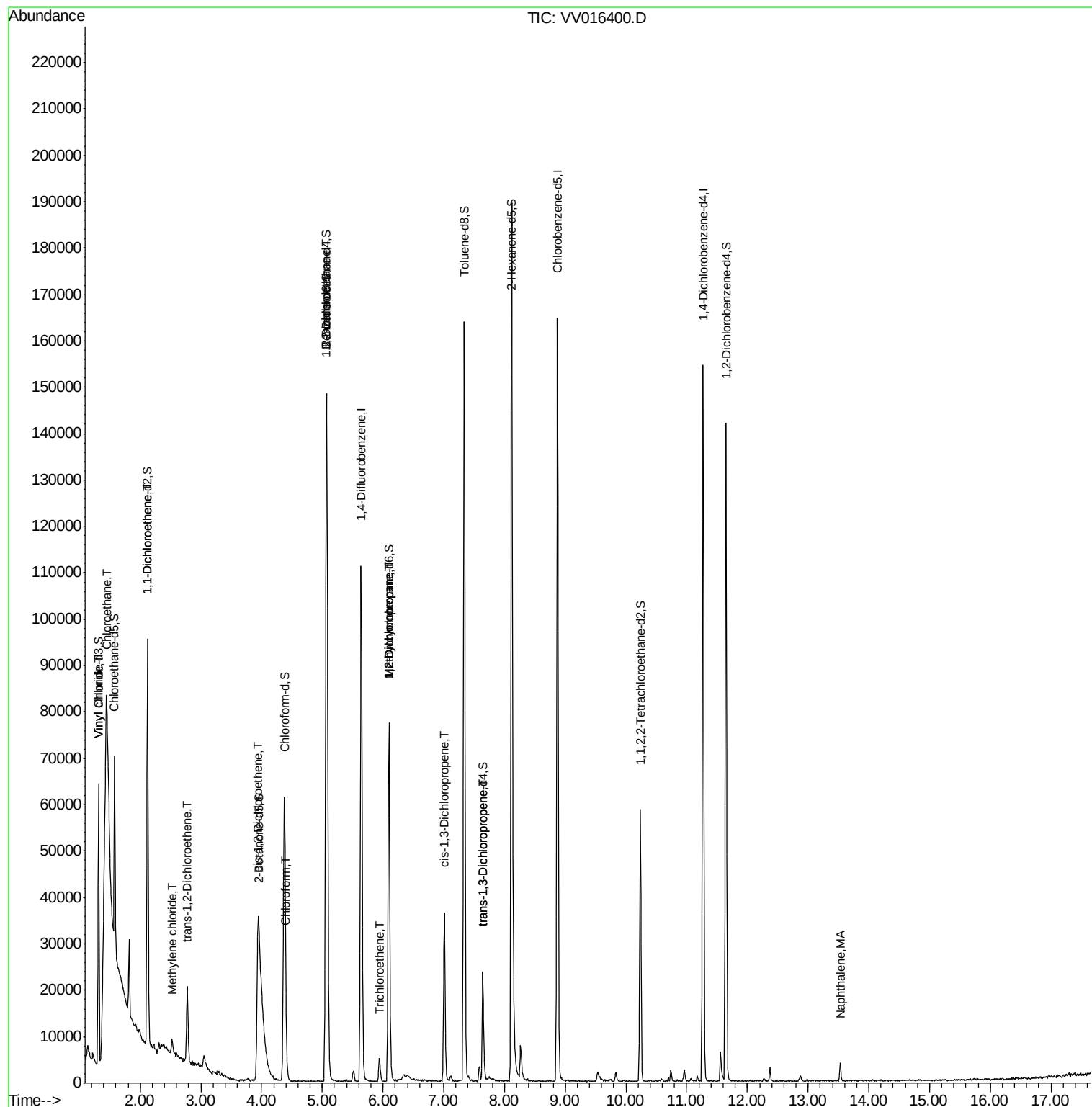
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2420	0.304	ug/L #	66
8) Chloroethane	1.44	64	371953	77.565	ug/L #	50
12) 1,1-Dichloroethene	2.12	96	421	0.073	ug/L #	1
16) Methylene chloride	2.53	84	1123	0.183	ug/L	92
18) trans-1,2-Dichloroethene	2.78	96	5286	0.867	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	10365	1.541	ug/L	90
25) Chloroform	4.41	83	2550	0.212	ug/L	96
27) 1,2-Dichloroethane	5.07	62	854	0.107	ug/L #	76
34) Trichloroethene	5.94	95	1953	0.301	ug/L	85
35) Methylcyclohexane	6.09	83	8505	0.812	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4324	0.690	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	891	0.108	ug/L #	36
46) trans-1,3-Dichloropropene	7.64	75	689	0.101	ug/L #	79
70) Naphthalene	13.53	128	3541	0.217	ug/L #	95

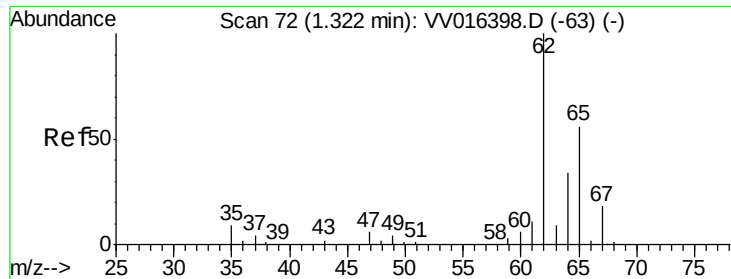
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060120\
Data File : VV016400.D
Acq On : 01 Jun 2020 10:24
Operator : SY/MD
Sample : L2826-04DL 4X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 02 01:14:50 2020
Quant Method : Z:\V0ASRV\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





#5

Vinyl chloride

Concen: 0.304 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

Instrument :

MSVOA_V

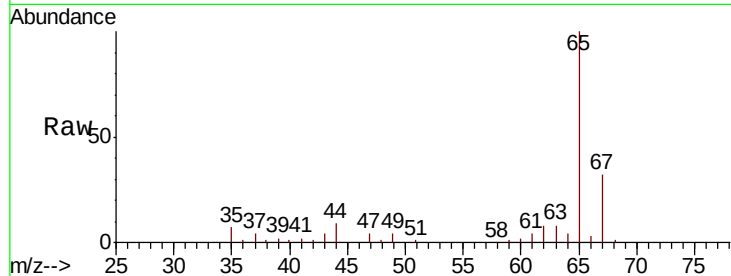
ClientSampleId :

Tot Ion: 62 Resp: 2420

Ion Ratio Lower Upper

62 100

64 52.1 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

6000

5000

4000

3000

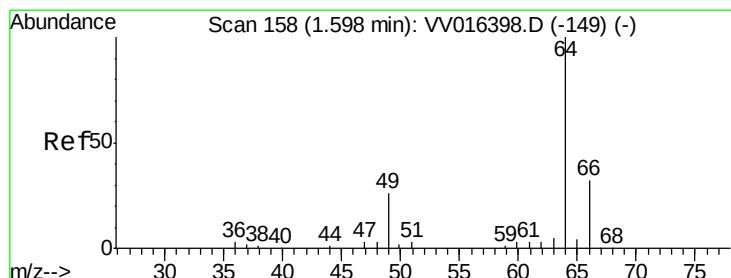
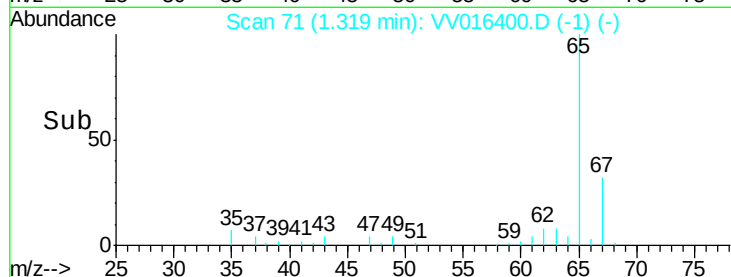
2000

1000

0

1.28 1.30 1.32 1.34 1.36

Time-->



#8

Chloroethane

Concen: 77.565 ug/L

RT: 1.44 min Scan# 110

Delta R.T. -0.15 min

Lab File: VV016400.D

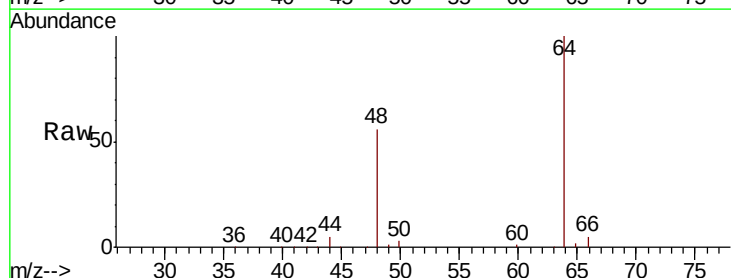
Acq: 01 Jun 2020 10:24

Tgt Ion: 64 Resp: 371953

Ion Ratio Lower Upper

64 100

66 5.1 23.4 43.6#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

50000

40000

30000

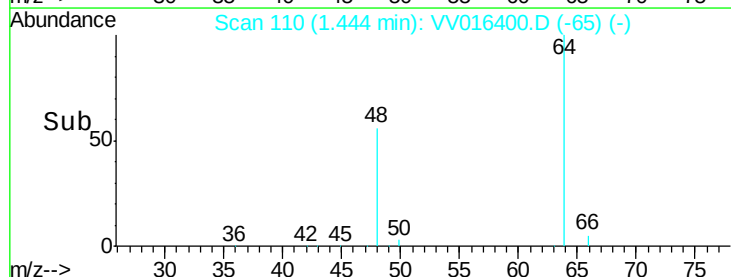
20000

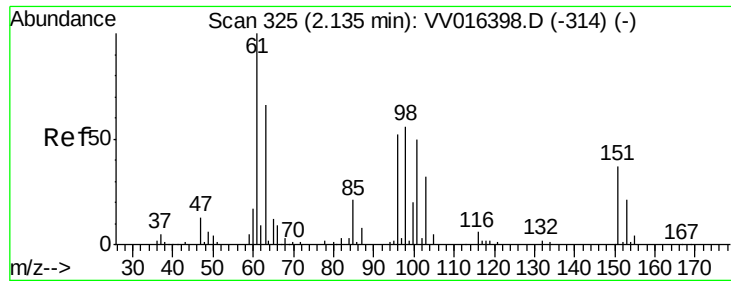
10000

0

1.20 1.40 1.60

Time-->





#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

Instrument :

MSVOA_V

ClientSampleId :

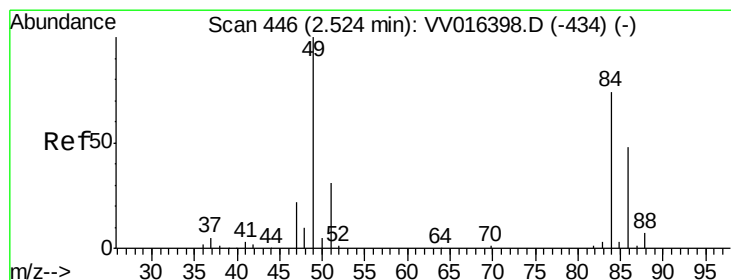
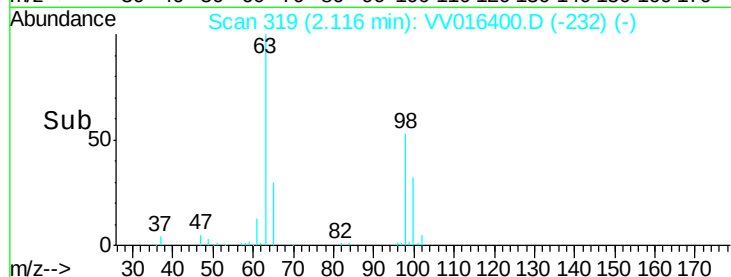
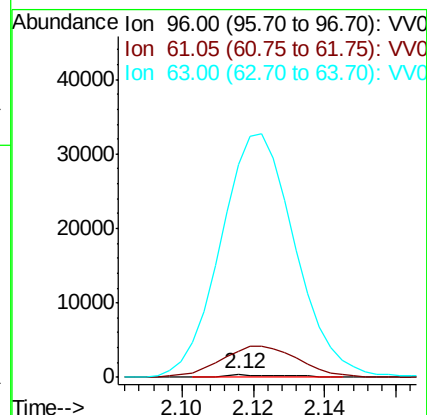
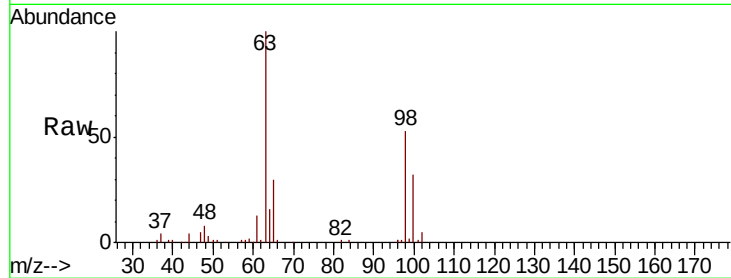
Tot Ion: 96 Resp: 421

Ion Ratio Lower Upper

96 100

61 857.6 125.4 233.0#

63 6848.9 88.2 163.8#



#16

Methylene chloride

Concen: 0.183 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

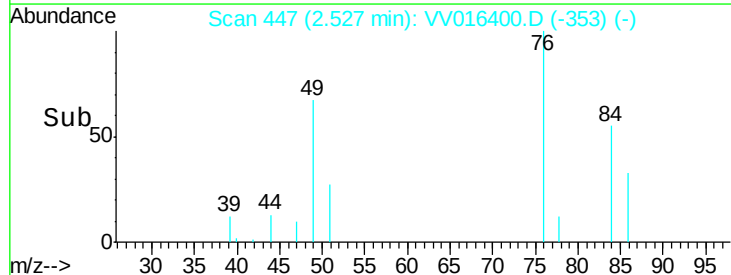
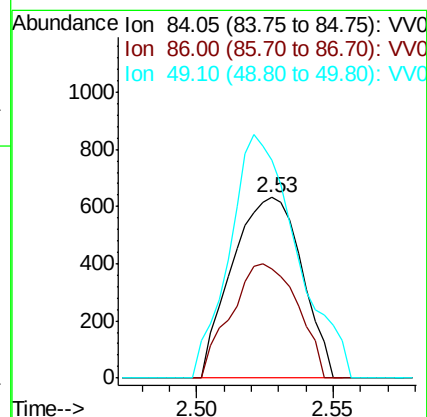
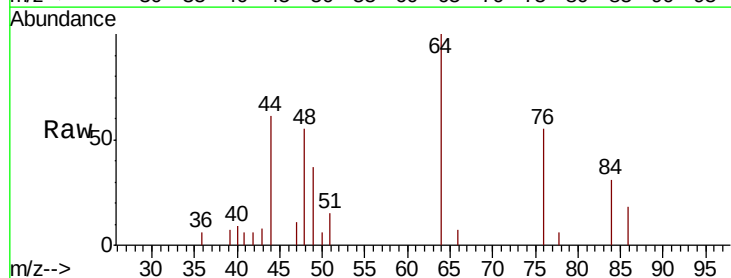
Tgt Ion: 84 Resp: 1123

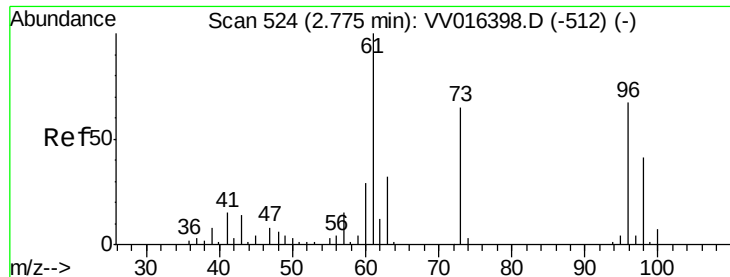
Ion Ratio Lower Upper

84 100

86 60.3 44.5 82.7

49 120.9 92.3 171.3

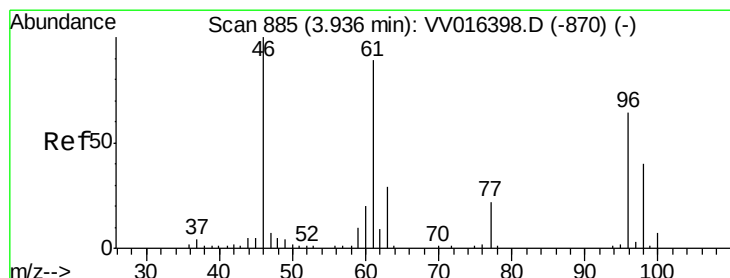
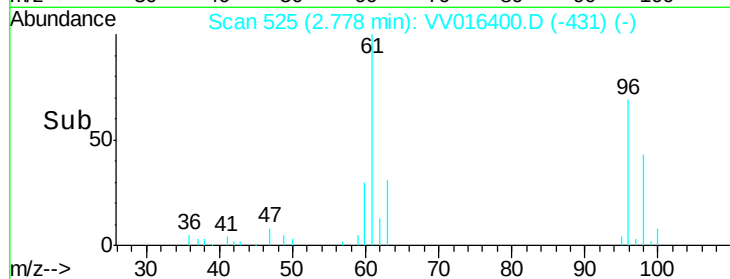
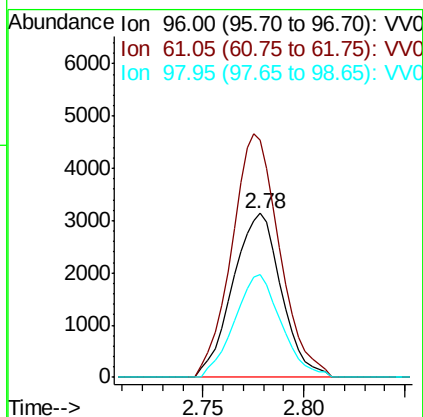
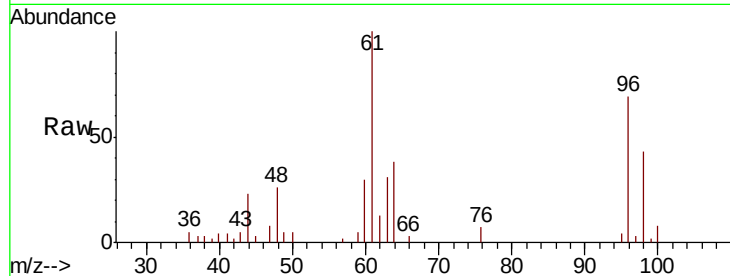




#18
trans-1,2-Dichloroethene
Concen: 0.867 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV016400.D
Acq: 01 Jun 2020 10:24

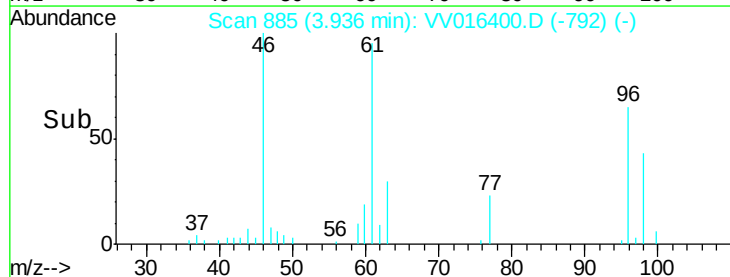
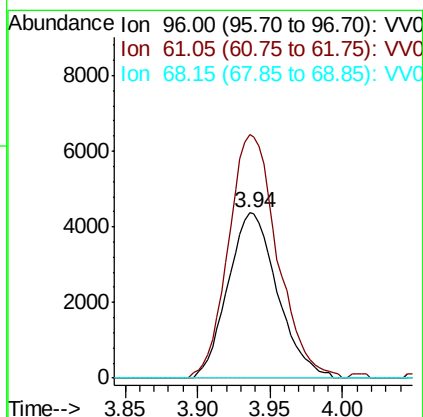
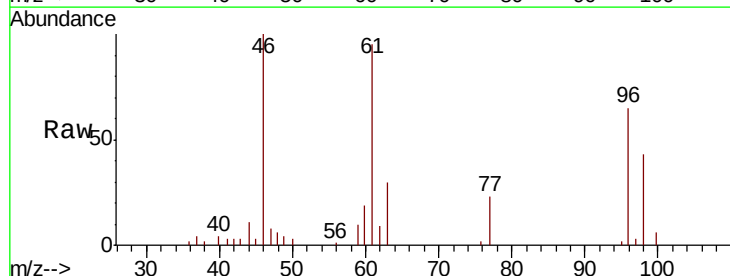
Instrument :
MSVOA_V
ClientSampleId :

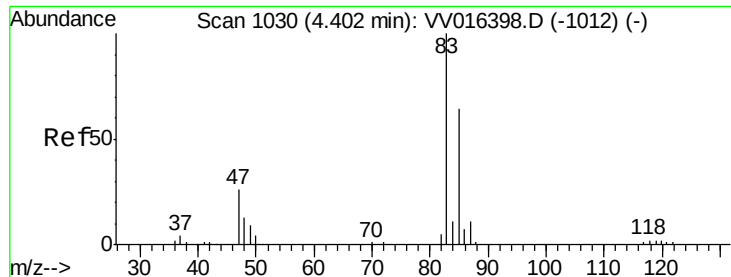
Tot Ion: 96 Resp: 5286
Ion Ratio Lower Upper
96 100
61 144.1 103.1 191.5
98 62.5 43.0 79.8



#22
cis-1,2-Dichloroethene
Concen: 1.541 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016400.D
Acq: 01 Jun 2020 10:24

Tgt Ion: 96 Resp: 10365
Ion Ratio Lower Upper
96 100
61 147.2 94.8 176.0
68 0.0 0.0 0.0

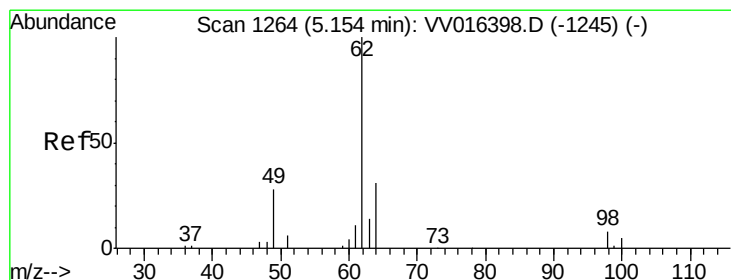
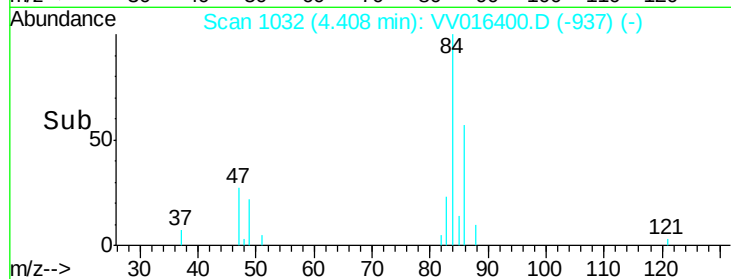
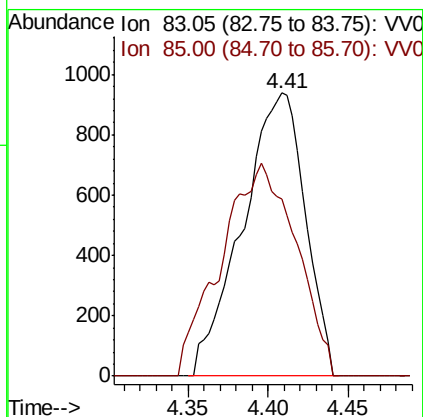
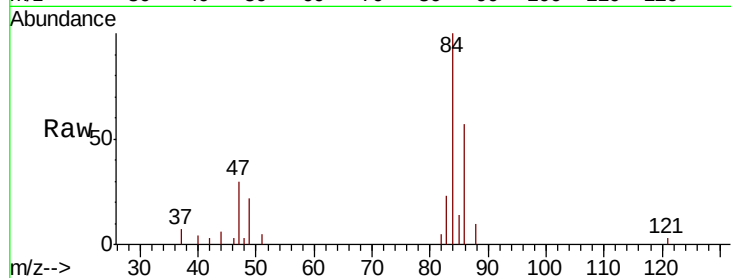




#25
Chloroform
Concen: 0.212 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016400.D
Acq: 01 Jun 2020 10:24

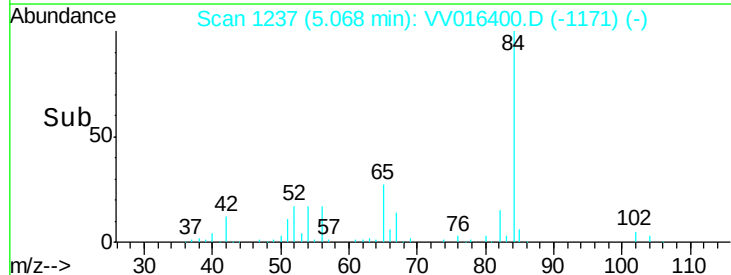
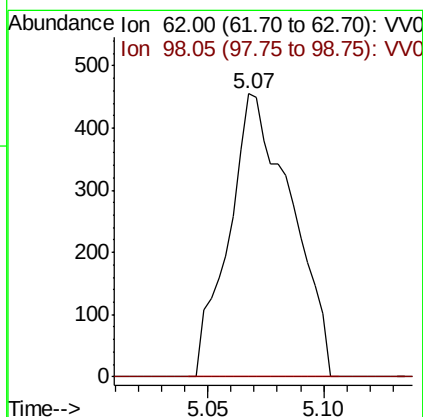
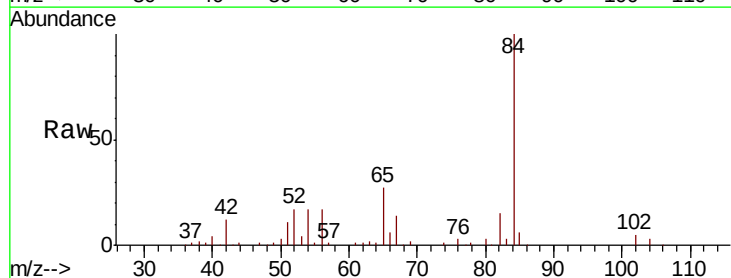
Instrument :
MSVOA_V
ClientSampled :

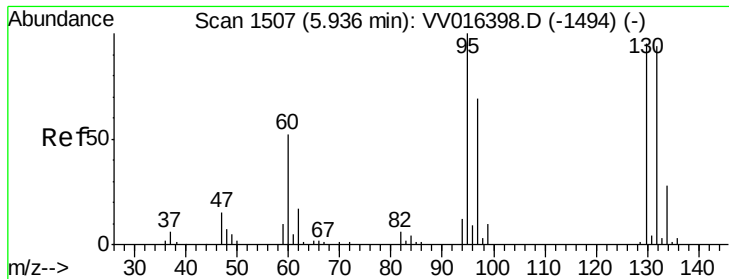
Tot Ion: 83 Resp: 2550
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.2



#27
1,2-Dichloroethane
Concen: 0.107 ug/L
RT: 5.07 min Scan# 1237
Delta R.T. -0.09 min
Lab File: VV016400.D
Acq: 01 Jun 2020 10:24

Tgt Ion: 62 Resp: 854
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#





#34

Trichloroethene

Concen: 0.301 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1953

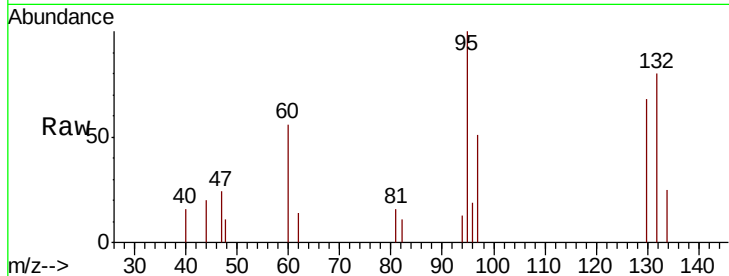
Ion Ratio Lower Upper

95 100

97 51.1 42.6 79.0

132 80.4 59.6 110.8

130 68.0 64.8 120.4

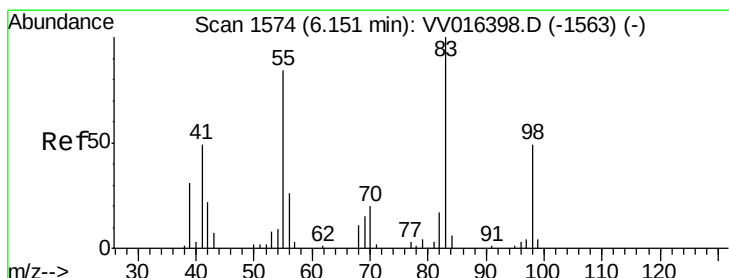
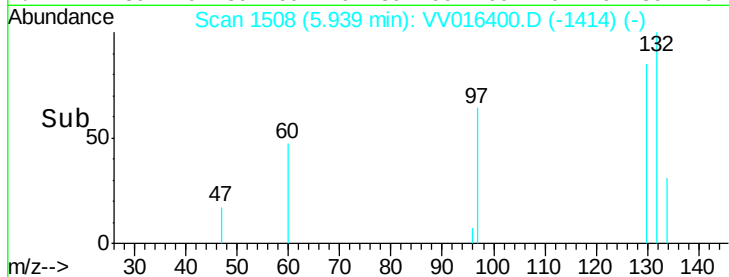
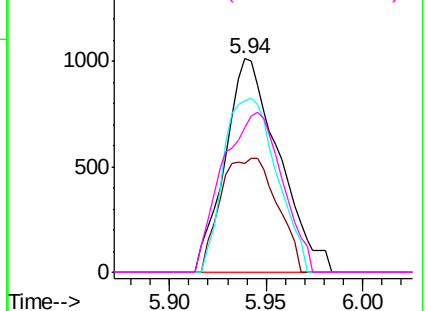


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.812 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

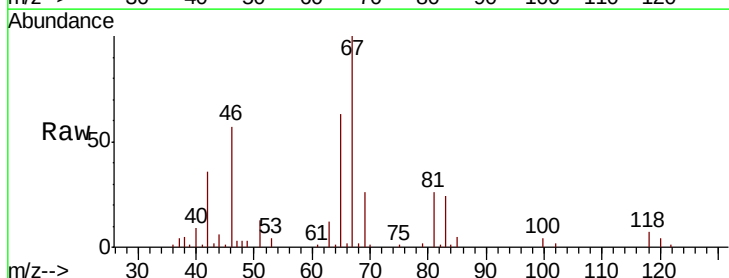
Tgt Ion: 83 Resp: 8505

Ion Ratio Lower Upper

83 100

55 0.2 67.0 100.4#

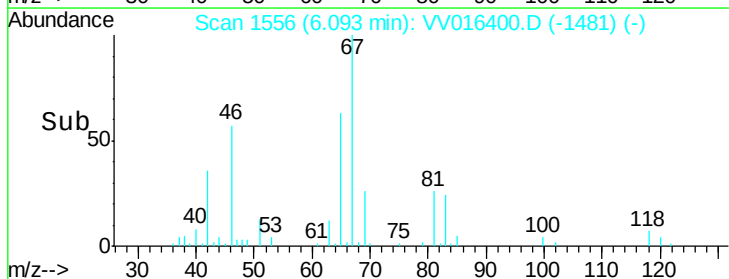
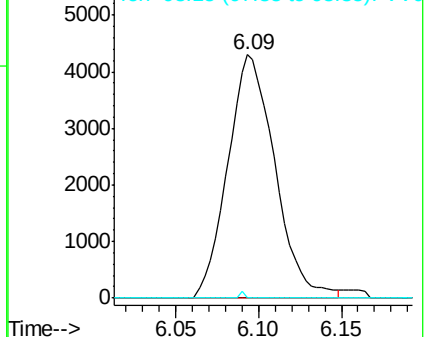
98 0.3 39.0 58.4#

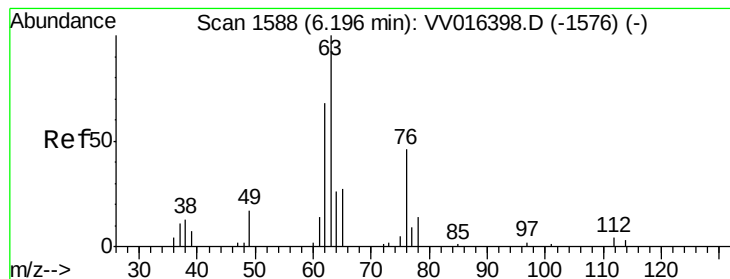


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.690 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

Instrument :

MSVOA_V

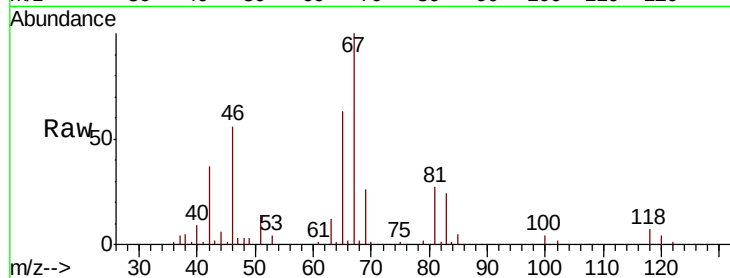
ClientSampleId :

Tot Ion: 63 Resp: 4324

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV016398.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV016398.D (-1576) (-)

6.10

2500

2000

1500

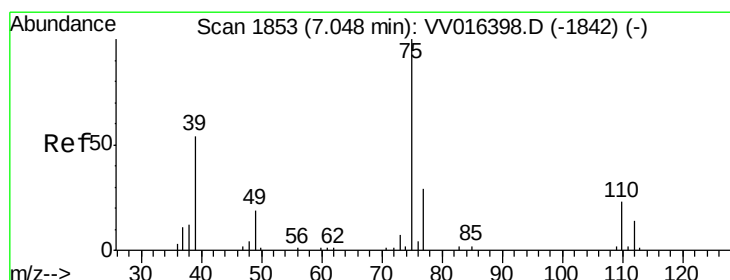
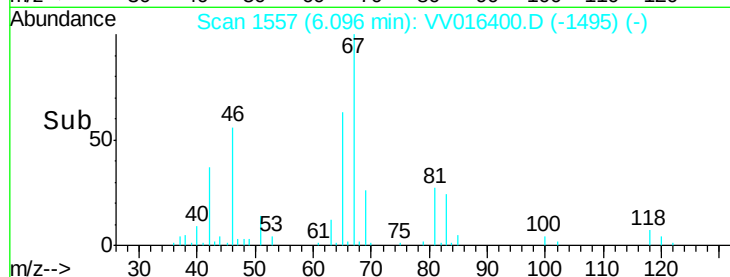
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016400.D

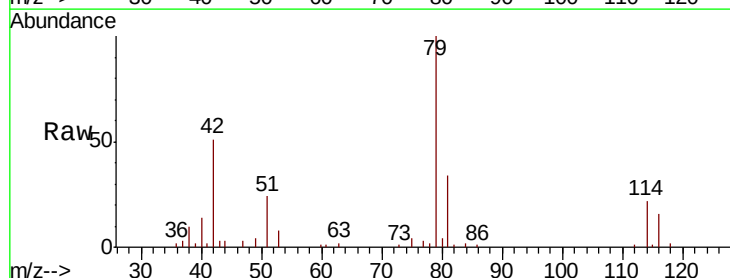
Acq: 01 Jun 2020 10:24

Tgt Ion: 75 Resp: 891

Ion Ratio Lower Upper

75 100

77 67.0 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV016398.D (-1842) (-)

Ion 77.05 (76.75 to 77.75): VV016398.D (-1842) (-)

7.01

500

400

300

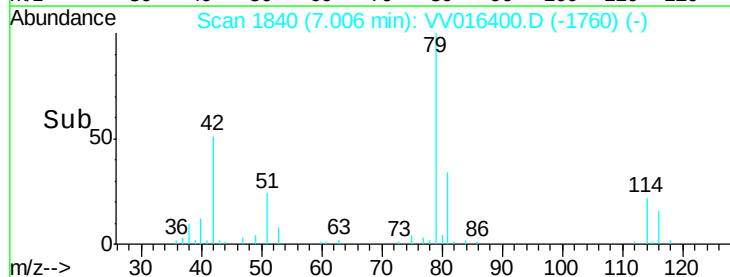
200

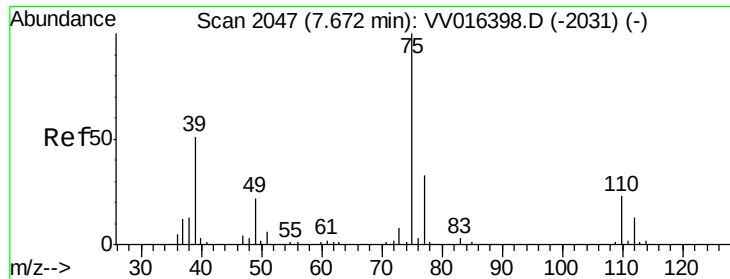
100

0

7.00 7.05

Time-->





#46

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

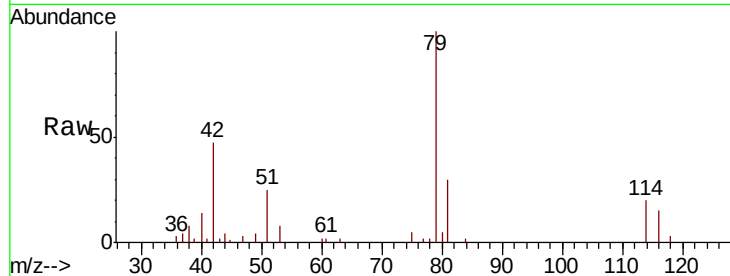
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 689

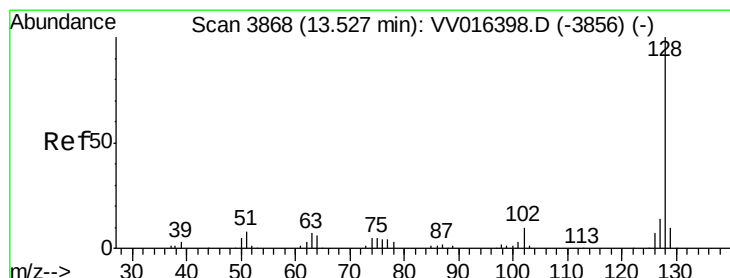
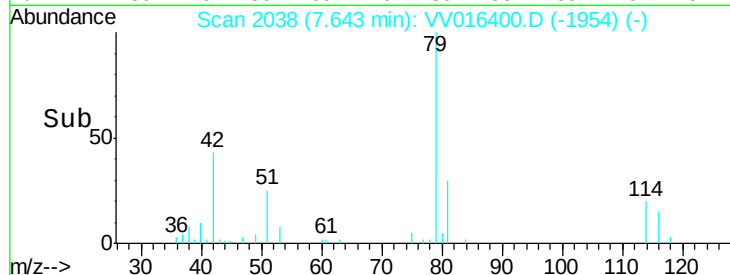
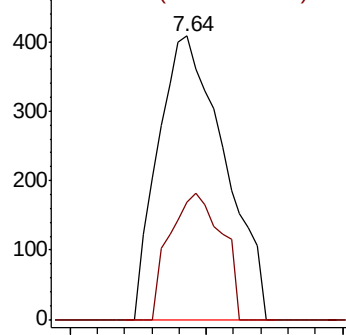
Ion Ratio Lower Upper

75 100

77 41.4 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VV016398.D (-2031) (-)



#70

Naphthalene

Concen: 0.217 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016400.D

Acq: 01 Jun 2020 10:24

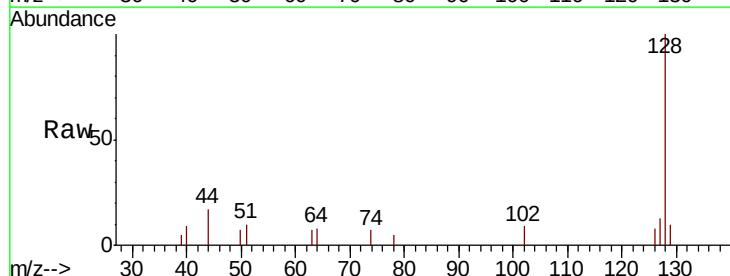
Tgt Ion: 128 Resp: 3541

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

127 10.2 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): VV016398.D (-3856) (-)

Ion 129.00 (128.70 to 129.70): VV016398.D (-3856) (-)

Ion 127.00 (126.70 to 127.70): VV016398.D (-3856) (-)

Abundance Ion 128.00 (127.70 to 128.70): VV016400.D (-3775) (-)

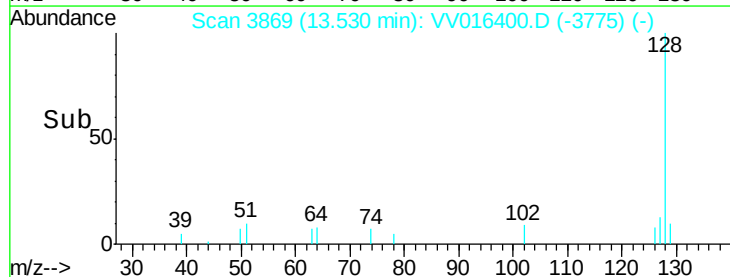
Ion 129.00 (128.70 to 129.70): VV016400.D (-3775) (-)

Ion 127.00 (126.70 to 127.70): VV016400.D (-3775) (-)

Abundance Ion 128.00 (127.70 to 128.70): VV016400.D (-3775) (-)

Ion 129.00 (128.70 to 129.70): VV016400.D (-3775) (-)

Ion 127.00 (126.70 to 127.70): VV016400.D (-3775) (-)



Time-->