

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016412.D
 Acq On : 01 Jun 2020 15:18
 Operator : SY/MD
 Sample : L2780-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:17:34 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	70818	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	65719	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	28824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28163	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	22995	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	41220	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.96	46	69179	51.71	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.42%
24) Chloroform-d	4.37	84	59317	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
26) 1,2-Dichloroethane-d4	5.05	65	32640	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.60%
32) Benzene-d6	5.07	84	114869	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.00%
36) 1,2-Dichloropropane-d6	6.09	67	35666	6.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.80%
41) Toluene-d8	7.33	98	97160	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
45) trans-1,3-Dichloropropene-	7.64	79	11233	5.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.00%
48) 2-Hexanone-d5	8.11	63	64554	66.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.42%#
59) 1,1,2,2-Tetrachloroethane-	10.23	84	25046	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.00%#
65) 1,2-Dichlorobenzene-d4	11.64	152	32118	6.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

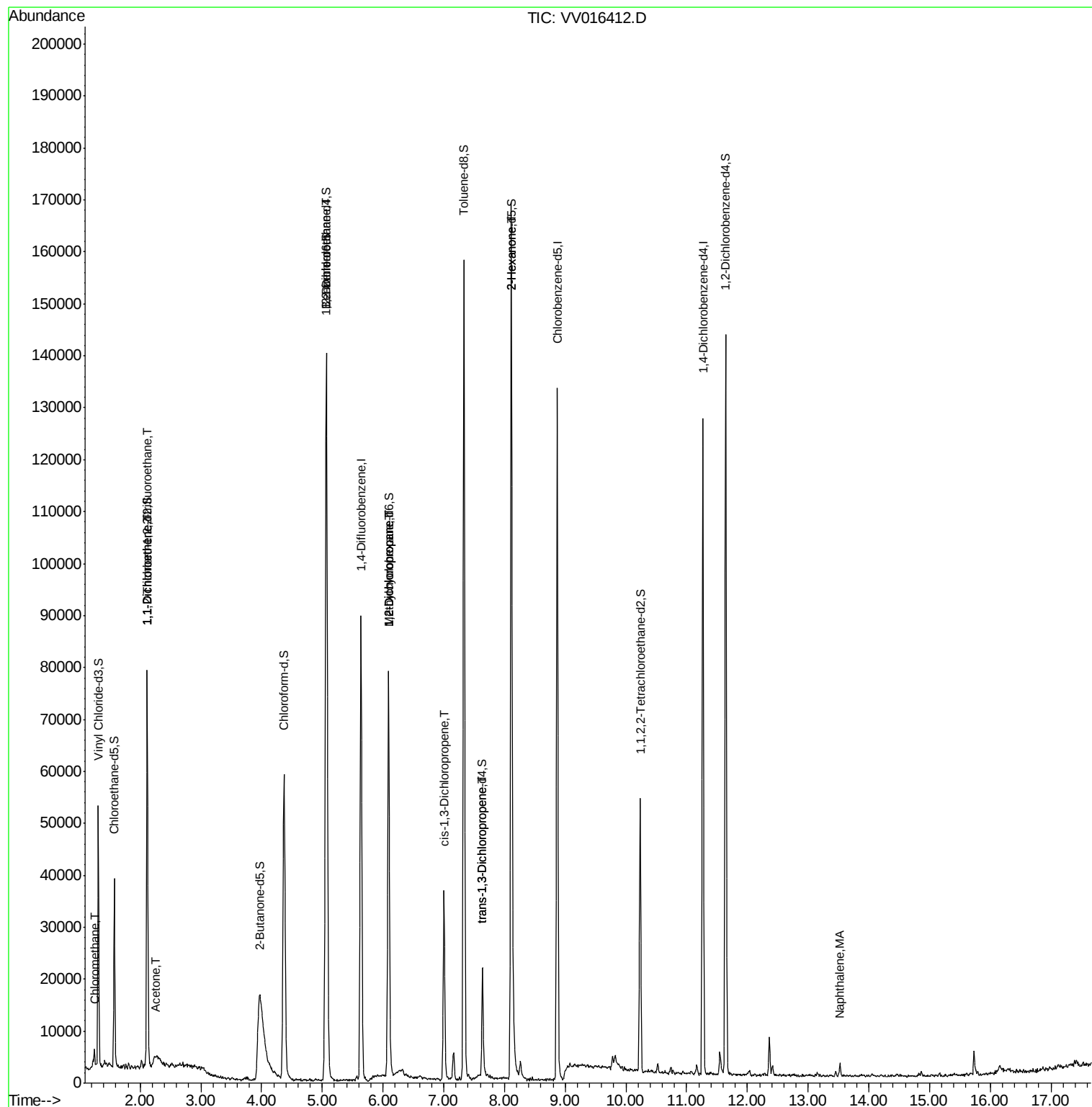
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1525	0.216	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	376	0.078	ug/L #	21
12) 1,1-Dichloroethene	2.11	96	372	0.082	ug/L #	1
13) Acetone	2.26	43	3499	3.889	ug/L	58
27) 1,2-Dichloroethane	5.06	62	849	0.135	ug/L #	76
35) Methylcyclohexane	6.09	83	8532	1.038	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	3922	0.797	ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	926	0.142	ug/L #	65
46) trans-1,3-Dichloropropene	7.64	75	528	0.098	ug/L #	49
50) 2-Hexanone	8.11	43	9096	4.389	ug/L #	65
70) Naphthalene	13.52	128	2218	0.169	ug/L #	91

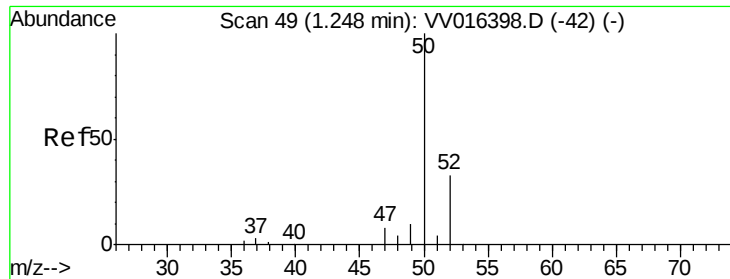
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.216 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016412.D

Acq: 01 Jun 2020 15:18

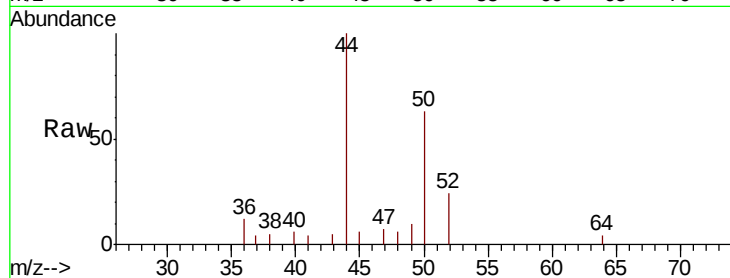
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1525

Ion Ratio Lower Upper

50 100

52 38.4 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV016412.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV016412.D (-1) (-)

1.25

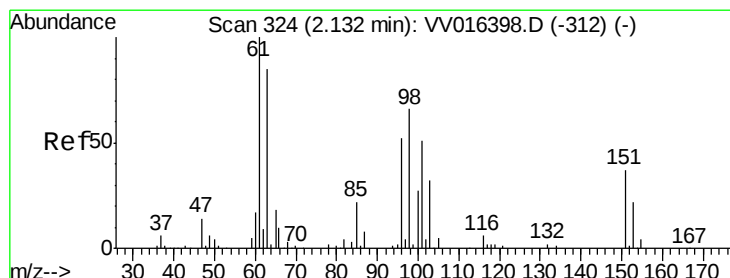
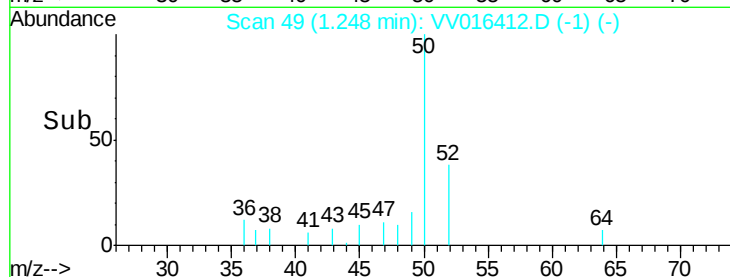
1500

1000

500

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016412.D

Acq: 01 Jun 2020 15:18

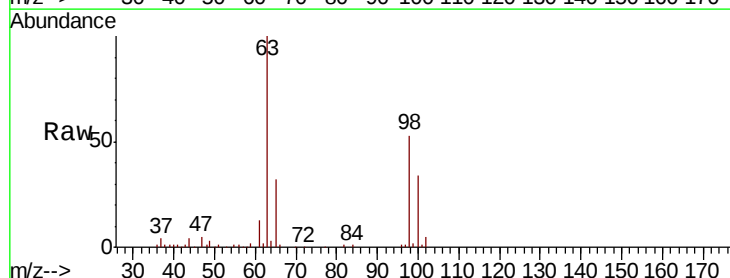
Tgt Ion: 101 Resp: 376

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 57.2 85.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016412.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV016412.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV016412.D (-231) (-)

2.12

400

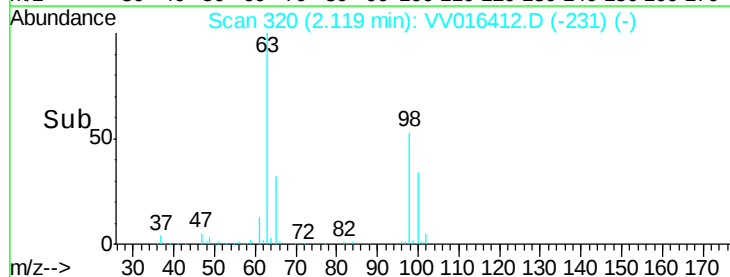
300

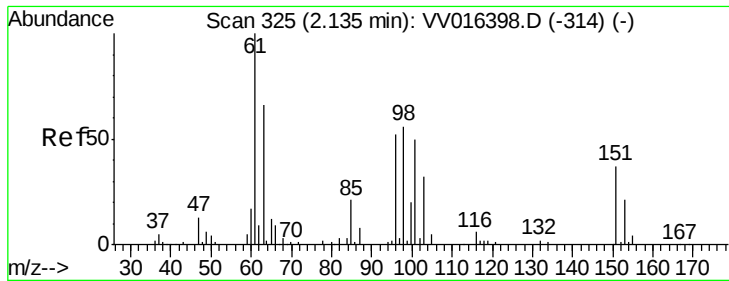
200

100

0

Time-->

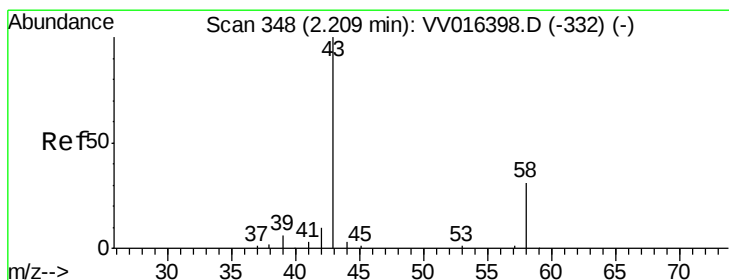
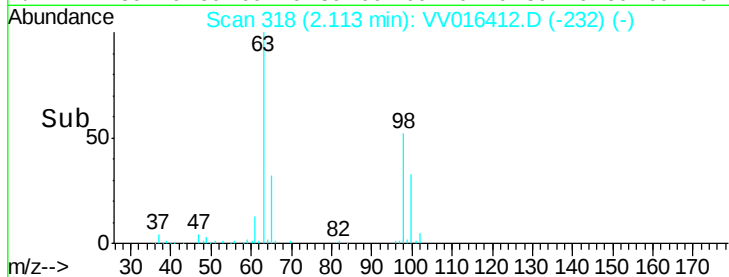
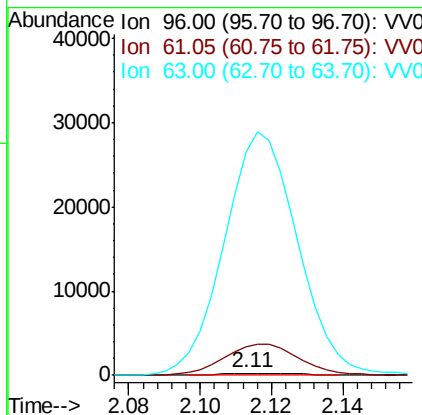
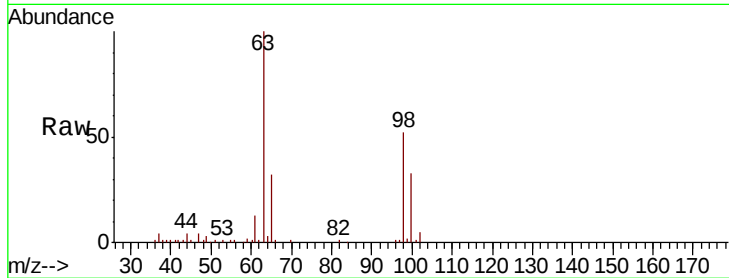




#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.11 min Scan# 318
 Delta R.T. -0.02 min
 Lab File: VV016412.D
 Acq: 01 Jun 2020 15:18

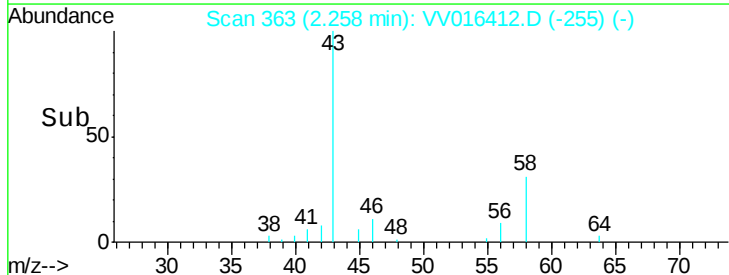
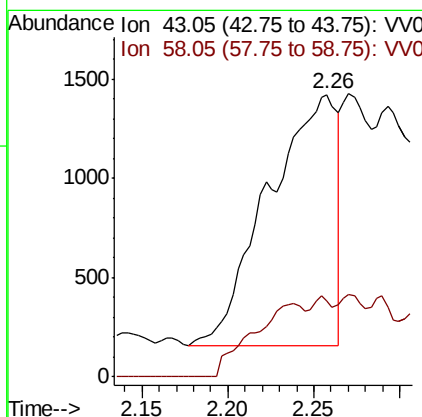
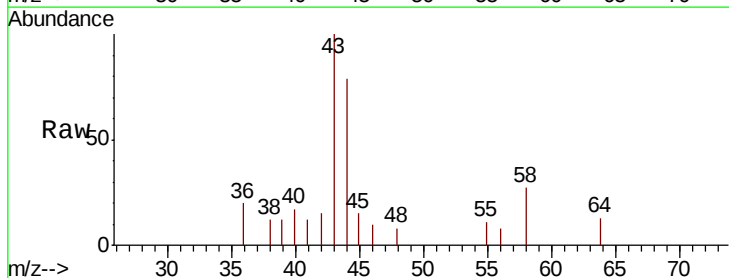
Instrument :
 MSVOA_V
 ClientSampleId :

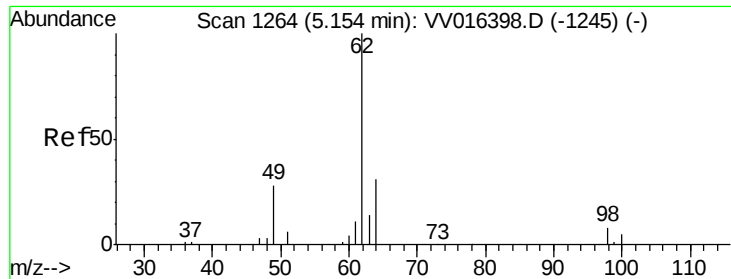
Tot Ion: 96 Resp: 372
 Ion Ratio Lower Upper
 96 100
 61 1351.0 125.4 233.0#
 63 10694.7 88.2 163.8#



#13
 Acetone
 Concen: 3.889 ug/L
 RT: 2.26 min Scan# 363
 Delta R.T. 0.05 min
 Lab File: VV016412.D
 Acq: 01 Jun 2020 15:18

Tgt Ion: 43 Resp: 3499
 Ion Ratio Lower Upper
 43 100
 58 7.0 0.0 59.2

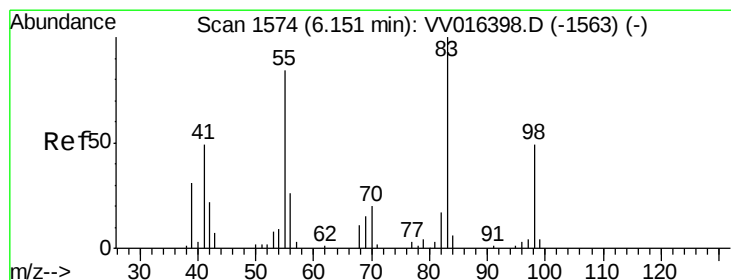
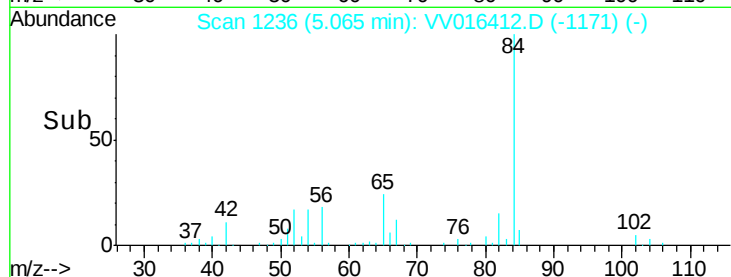
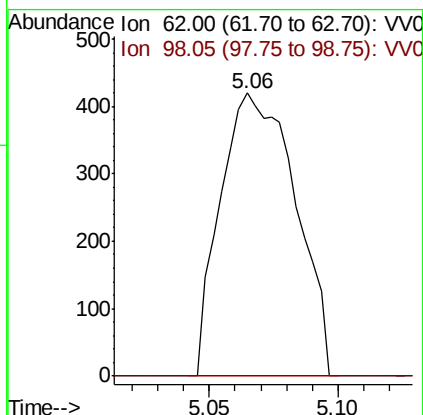
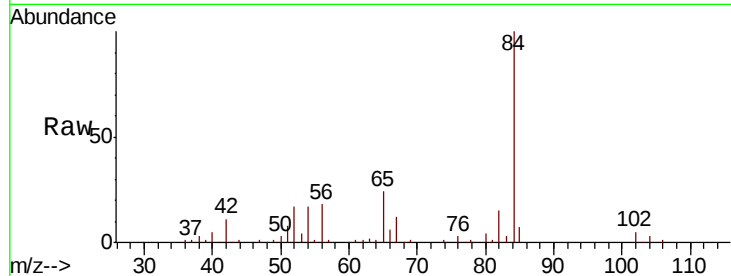




#27
 1,2-Dichloroethane
 Concen: 0.135 ug/L
 RT: 5.06 min Scan# 1236
 Delta R.T. -0.09 min
 Lab File: VV016412.D
 Acq: 01 Jun 2020 15:18

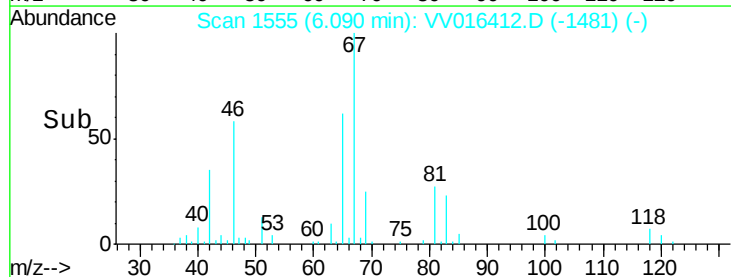
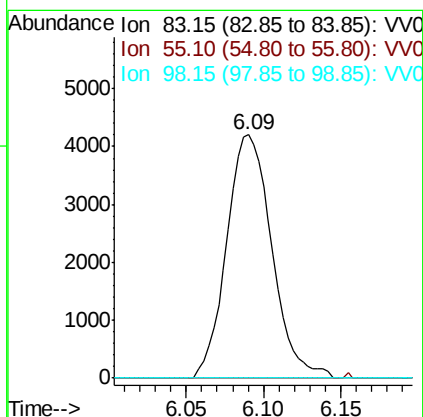
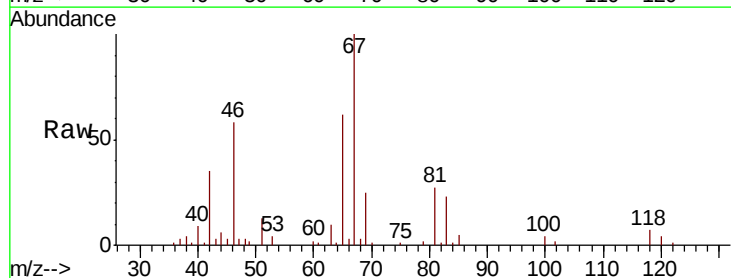
Instrument :
 MSVOA_V
 ClientSampleId :

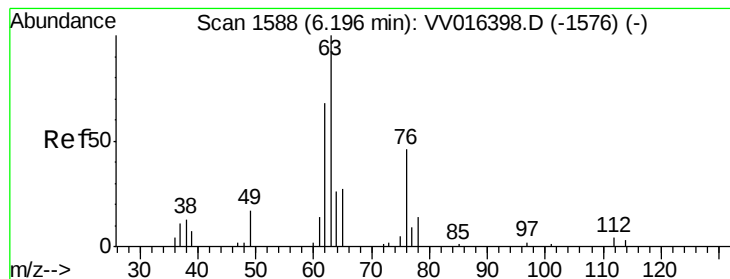
Tot Ion: 62 Resp: 849
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#35
 Methylcyclohexane
 Concen: 1.038 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.06 min
 Lab File: VV016412.D
 Acq: 01 Jun 2020 15:18

Tgt Ion: 83 Resp: 8532
 Ion Ratio Lower Upper
 83 100
 55 0.2 67.0 100.4#
 98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.797 ug/L

RT: 6.09 min Scan# 1554

Delta R.T. -0.11 min

Lab File: VV016412.D

Acq: 01 Jun 2020 15:18

Instrument :

MSVOA_V

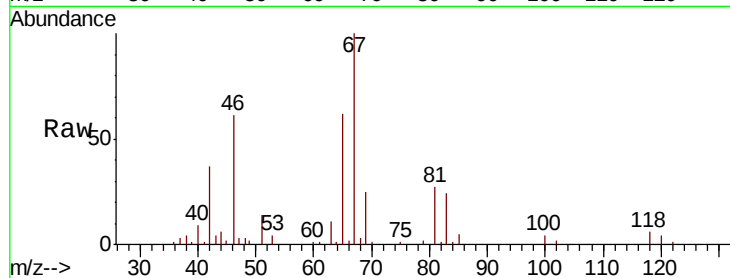
ClientSampleId :

Tot Ion: 63 Resp: 3922

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) (-)

6.09

2000

1500

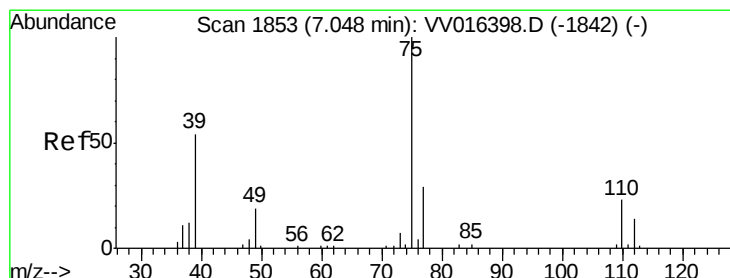
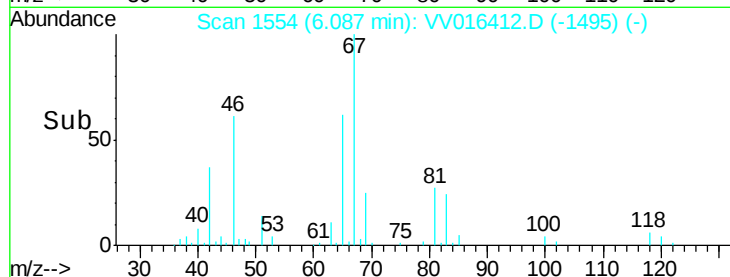
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV016412.D

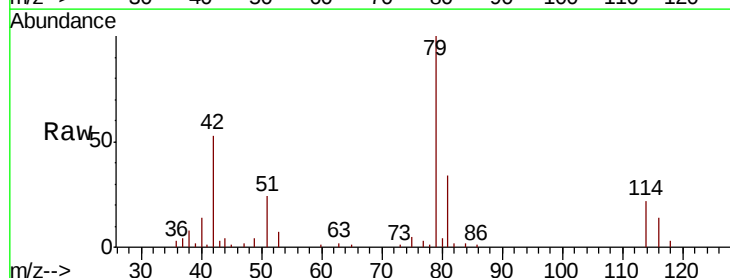
Acq: 01 Jun 2020 15:18

Tgt Ion: 75 Resp: 926

Ion Ratio Lower Upper

75 100

77 50.8 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) (-)

7.00

600

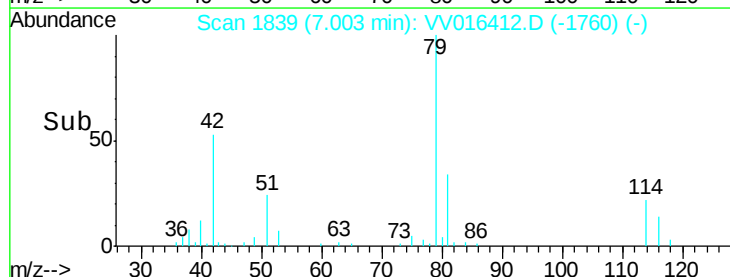
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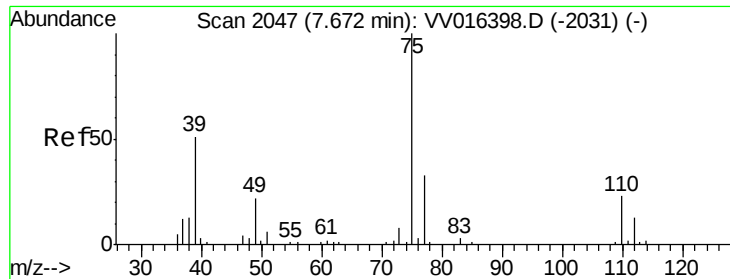
200

0

6.95 7.00 7.05

Time-->

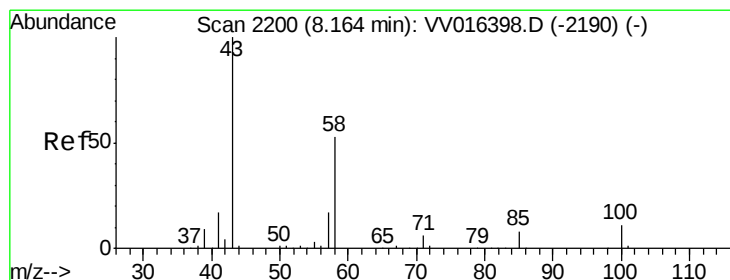
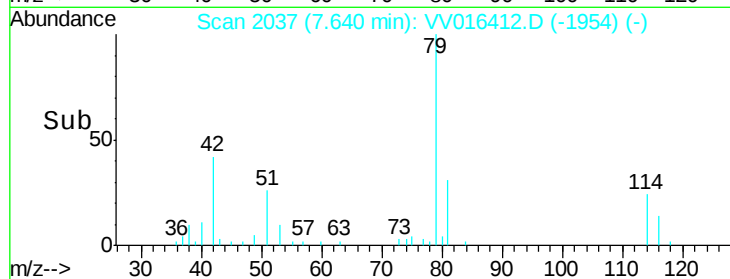
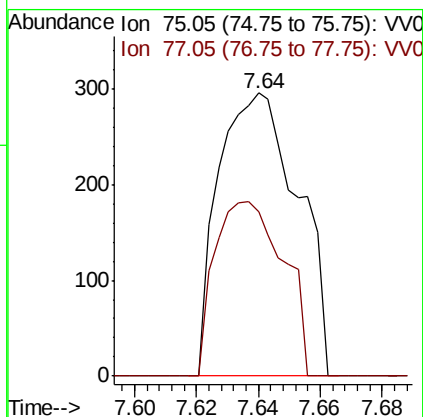
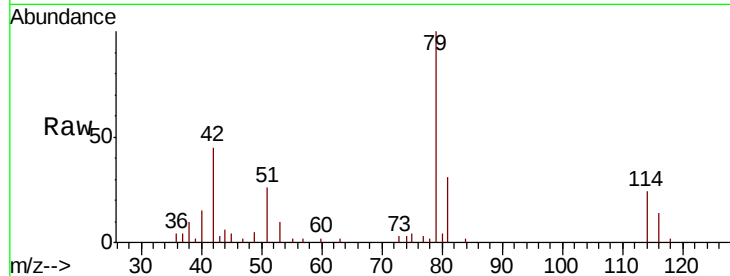




#46
trans-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016412.D
Acq: 01 Jun 2020 15:18

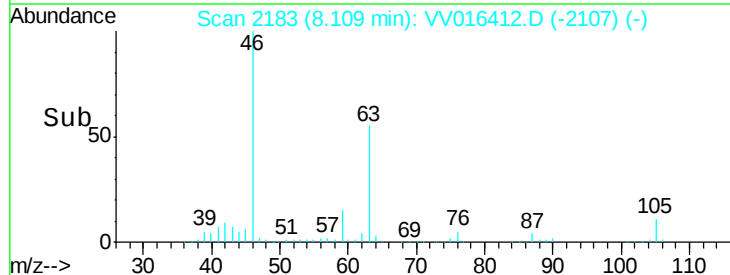
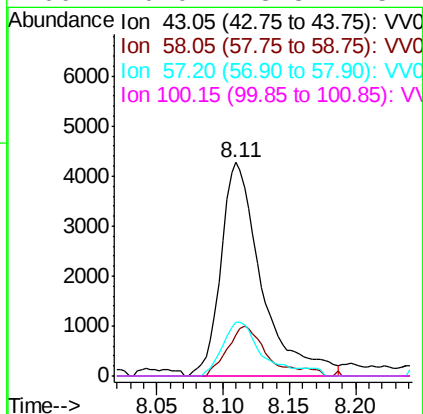
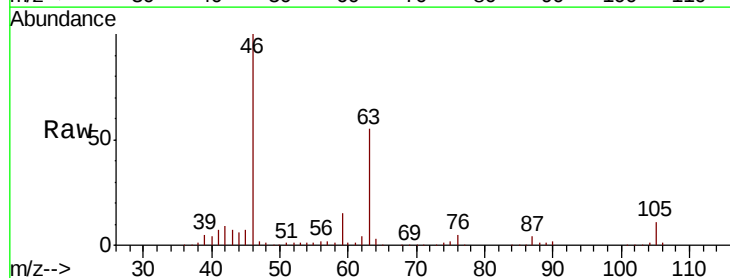
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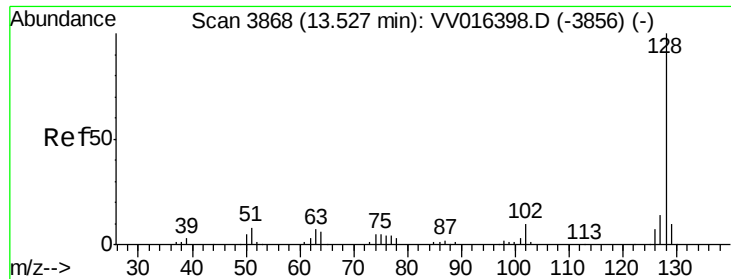
Tot Ion: 75 Resp: 528
Ion Ratio Lower Upper
75 100
77 58.1 21.1 39.3#



#50
2-Hexanone
Concen: 4.389 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV016412.D
Acq: 01 Jun 2020 15:18

Tgt Ion: 43 Resp: 9096
Ion Ratio Lower Upper
43 100
58 21.9 41.1 61.7#
57 25.6 14.2 21.4#
100 0.0 8.8 13.2#





#70

Naphthalene

Concen: 0.169 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV016412.D

Acq: 01 Jun 2020 15:18

Instrument :

MSVOA_V

ClientSampleId :

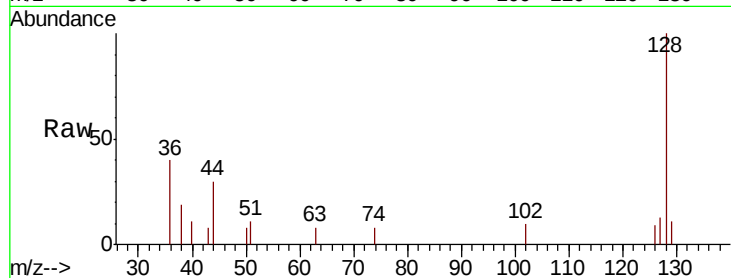
Tot Ion:128 Resp: 2218

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 7.0 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

