

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016395.D
 Acq On : 31 May 2020 18:14
 Operator : SY/MD
 Sample : L2780-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 07:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	71335	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	67071	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	28791	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29189	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	23492	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	40189	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.94	46	73568	54.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.20%
24) Chloroform-d	4.38	84	51284	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.06	65	28722	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.08	84	98586	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.10	67	31168	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.34	98	81176	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.65	79	9119	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	8.12	63	50436	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22393	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	28496	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

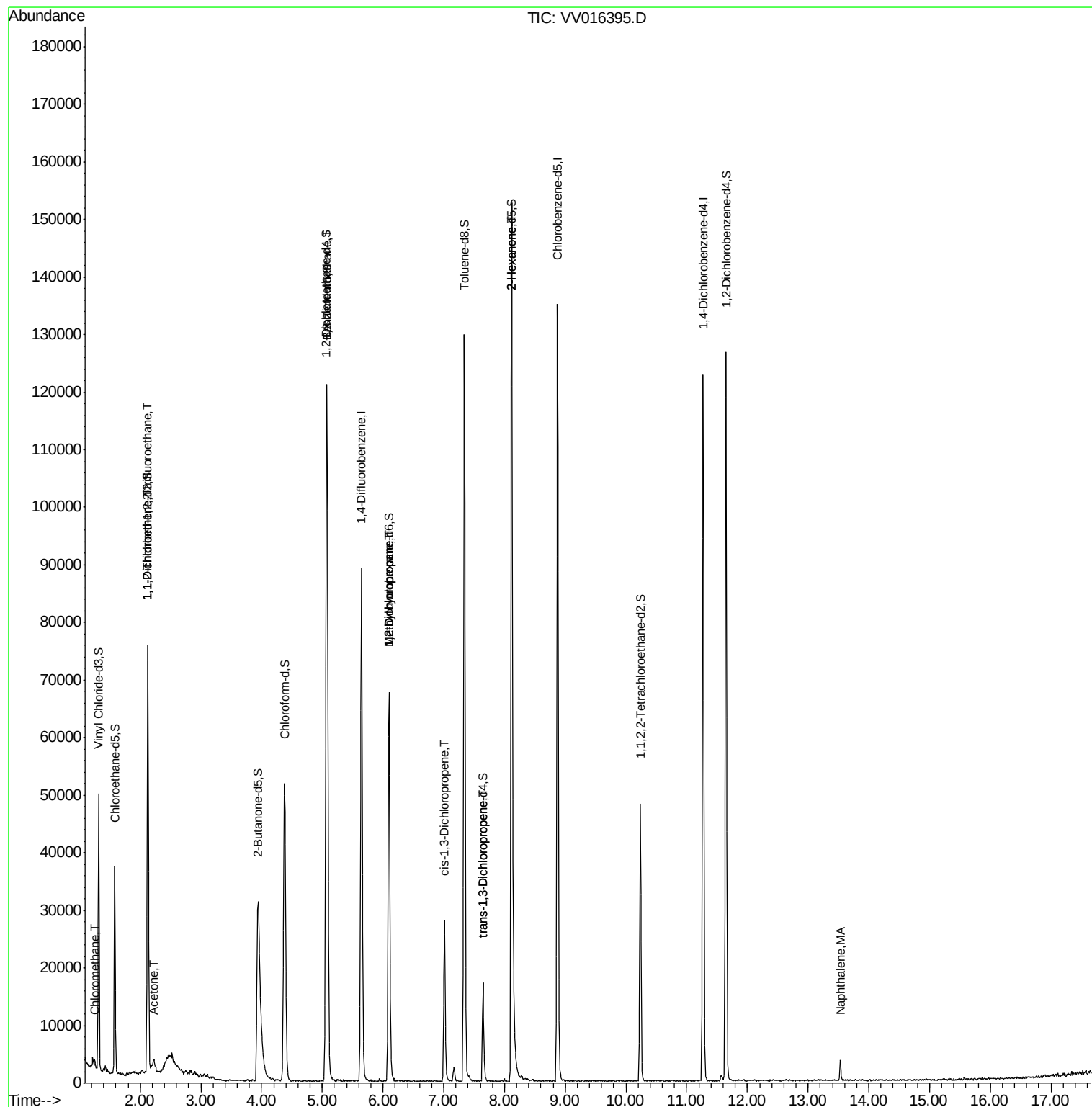
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	619	0.087	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	446	0.092	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1185	0.258	ug/L #	1
13) Acetone	2.22	43	3978	4.389	ug/L	92
27) 1,2-Dichloroethane	5.08	62	734	0.116	ug/L #	76
35) Methylcyclohexane	6.10	83	7265	0.866	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	3677	0.732	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	735	0.111	ug/L #	63
46) trans-1,3-Dichloropropene	7.64	75	439	0.080	ug/L #	72
50) 2-Hexanone	8.12	43	8797	4.159	ug/L #	78
70) Naphthalene	13.53	128	3111	0.237	ug/L #	95

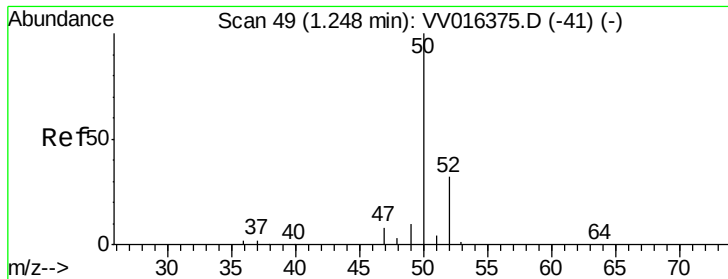
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053120\
Data File : VV016395.D
Acq On : 31 May 2020 18:14
Operator : SY/MD
Sample : L2780-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:21:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.087 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016395.D

Acq: 31 May 2020 18:14

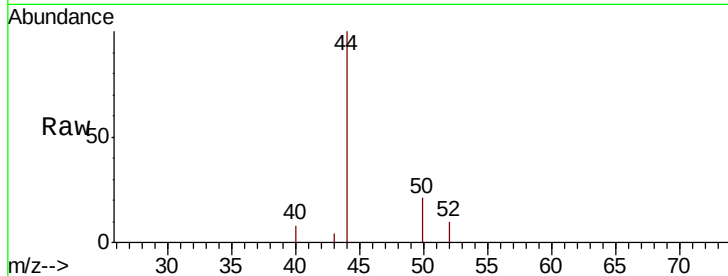
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 619

Ion Ratio Lower Upper

50 100

52 47.2 23.1 42.9#



Abundance Ion 50.05 (49.75 to 50.75): VV016395.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV016395.D (-1) (-)

1.25

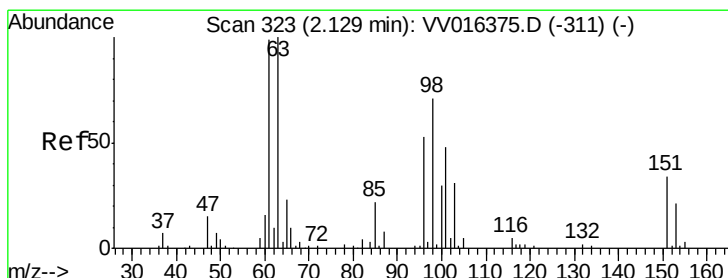
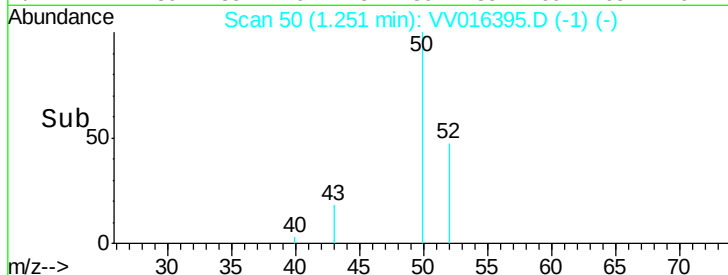
600

400

200

0

Time-->



#10

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

Concen: 0.092 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016395.D

Acq: 31 May 2020 18:14

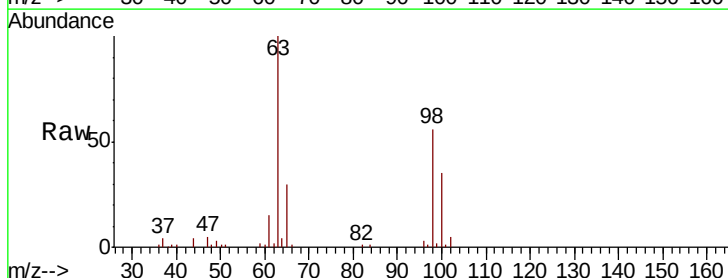
Tgt Ion: 101 Resp: 446

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): VV016395.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016395.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016395.D (-230) (-)

400

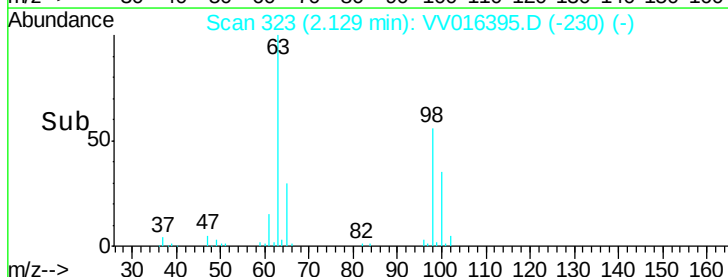
300

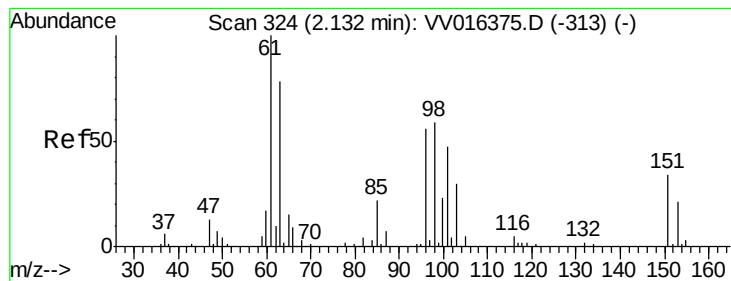
200

100

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.258 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016395.D

Acq: 31 May 2020 18:14

Instrument :
MSVOA_V
ClientSampleId :

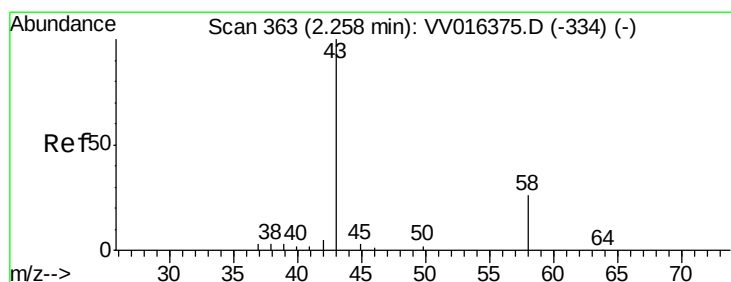
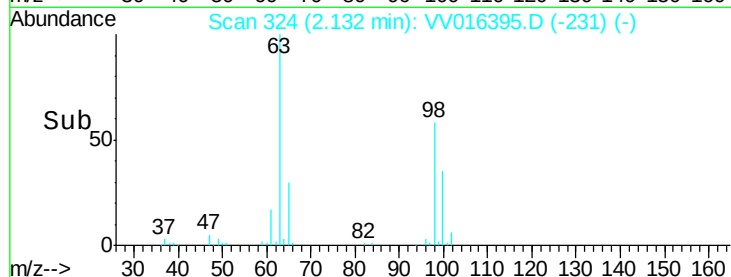
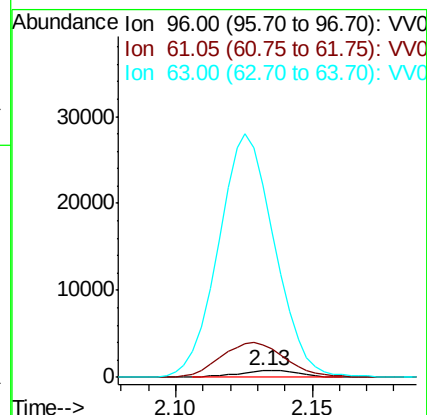
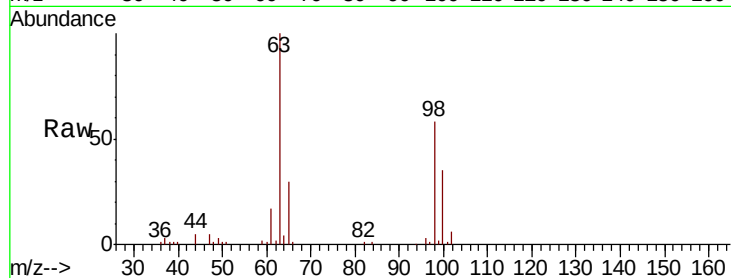
Tot Ion: 96 Resp: 1185

Ion Ratio Lower Upper

96 100

61 489.4 125.4 233.0#

63 2859.9 88.2 163.8#



#13

Acetone

Concen: 4.389 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.04 min

Lab File: VV016395.D

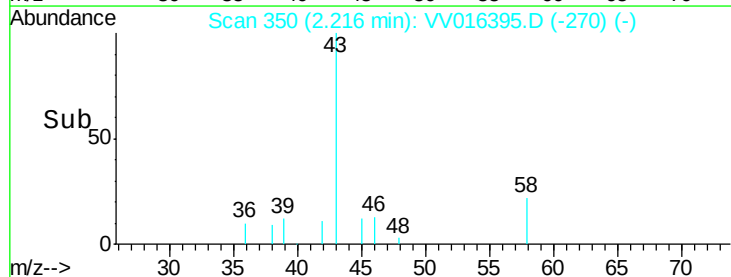
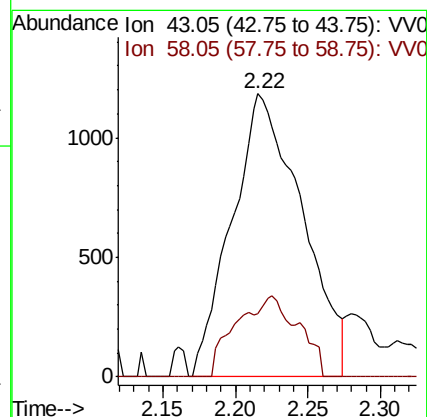
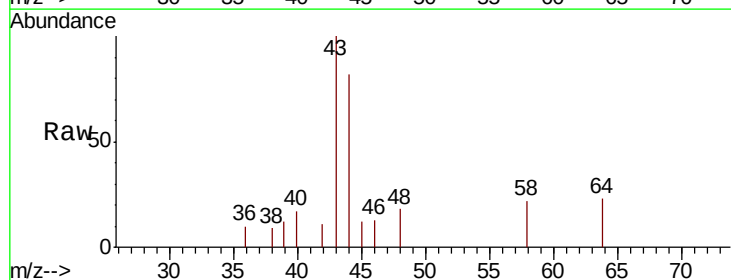
Acq: 31 May 2020 18:14

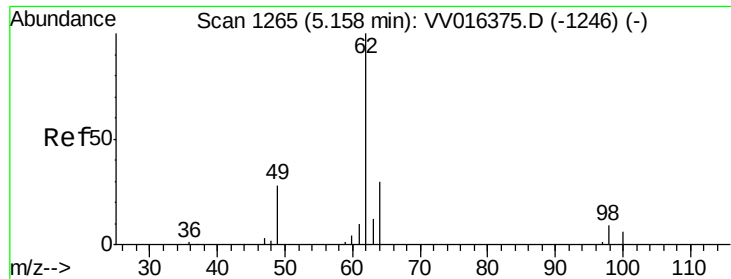
Tgt Ion: 43 Resp: 3978

Ion Ratio Lower Upper

43 100

58 25.4 0.0 59.2

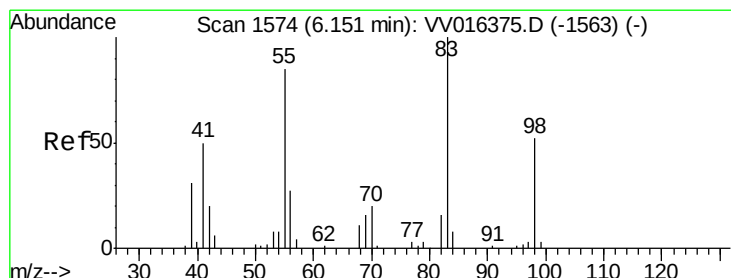
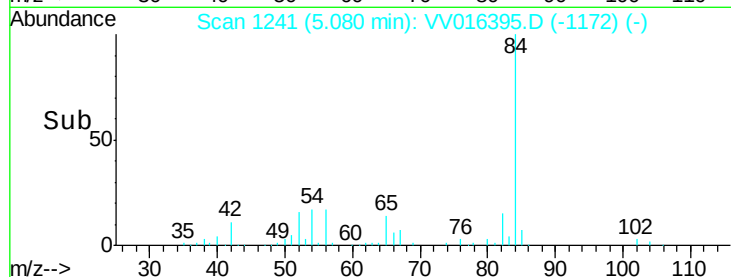
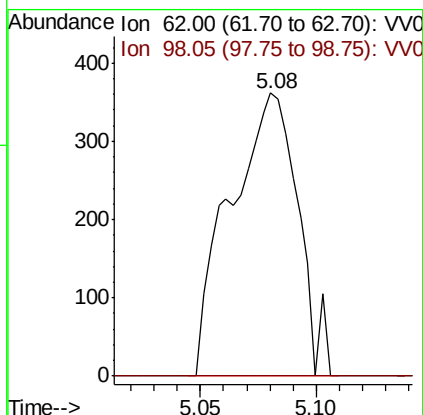
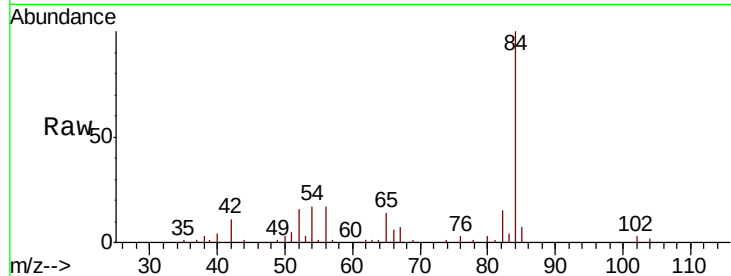




#27
 1,2-Dichloroethane
 Concen: 0.116 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: VV016395.D
 Acq: 31 May 2020 18:14

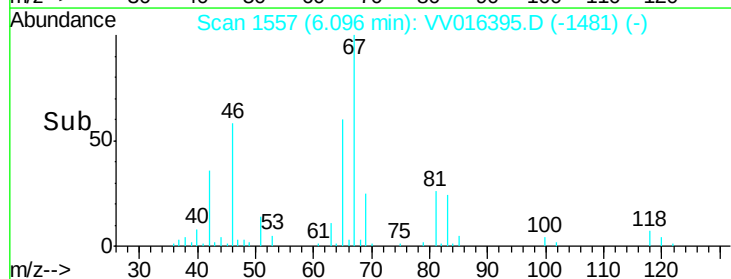
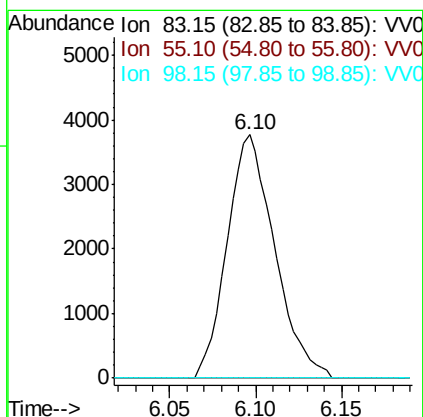
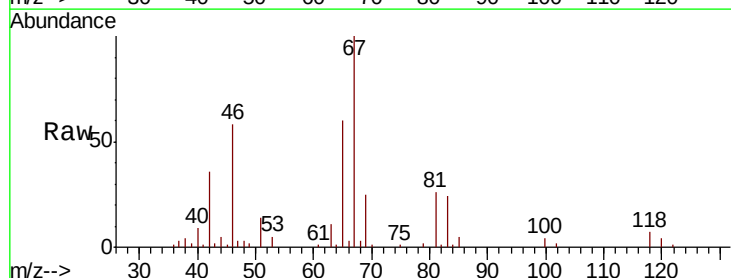
Instrument :
 MSVOA_V
 ClientSampleId :

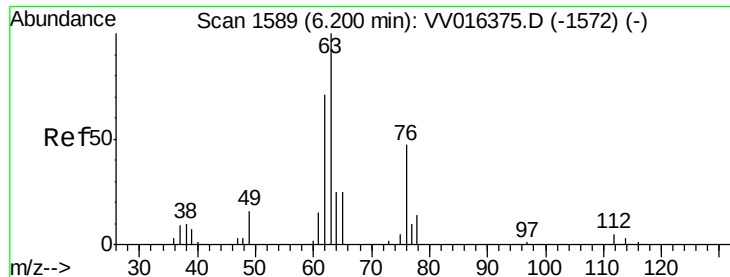
Tot Ion: 62 Resp: 734
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#35
 Methylcyclohexane
 Concen: 0.866 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016395.D
 Acq: 31 May 2020 18:14

Tgt Ion: 83 Resp: 7265
 Ion Ratio Lower Upper
 83 100
 55 0.0 67.0 100.4#
 98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.11 min

Lab File: VV016395.D

Acq: 31 May 2020 18:14

Instrument :

MSVOA_V

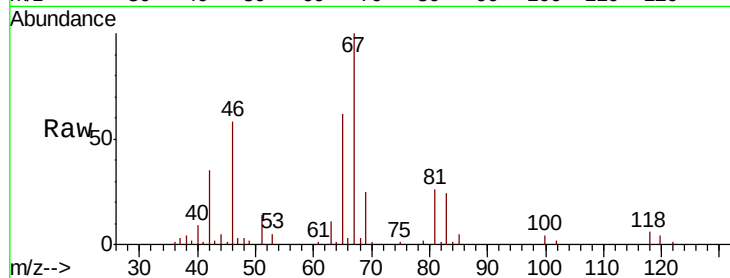
ClientSampleId :

Tot Ion: 63 Resp: 3677

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

2000

1500

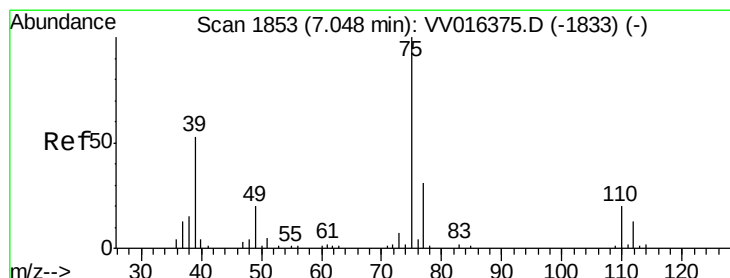
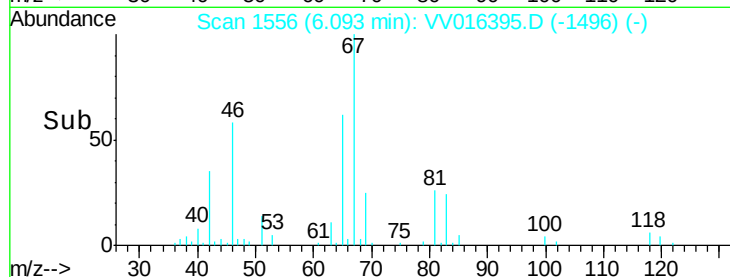
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016395.D

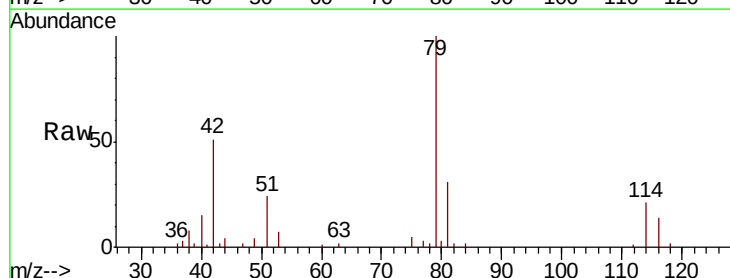
Acq: 31 May 2020 18:14

Tgt Ion: 75 Resp: 735

Ion Ratio Lower Upper

75 100

77 52.1 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

500

400

300

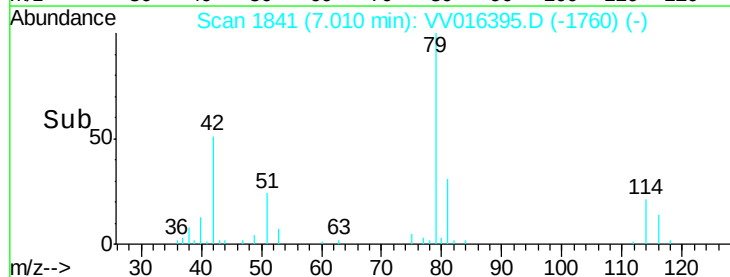
200

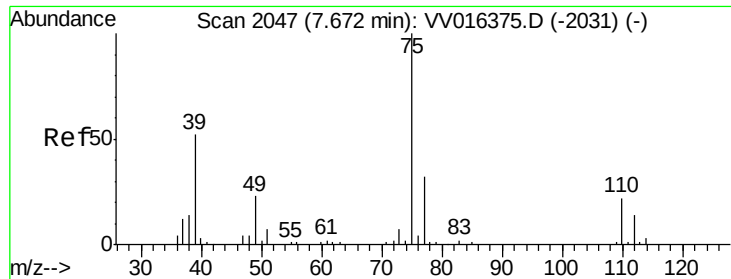
100

0

6.98 7.00 7.02 7.04

Time-->

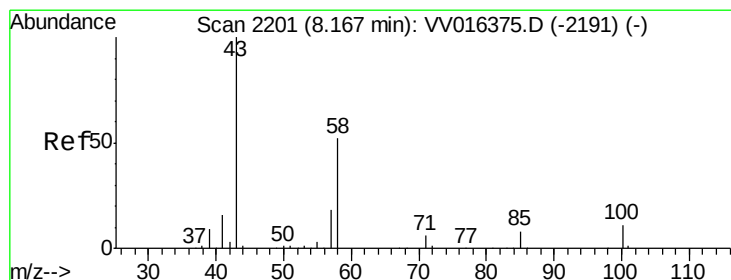
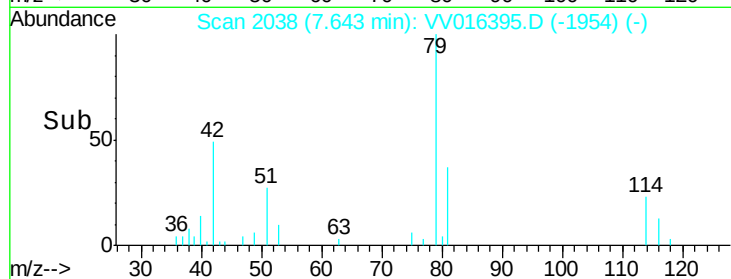
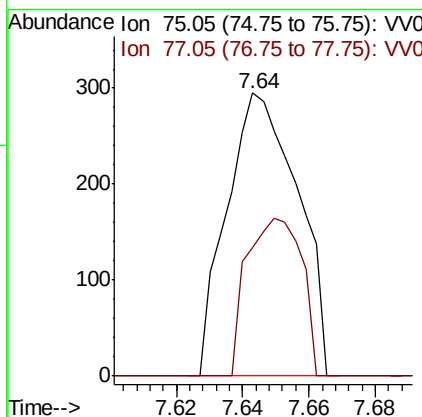
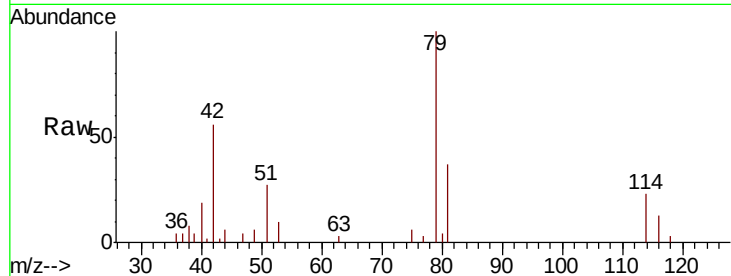




#46
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016395.D
Acq: 31 May 2020 18:14

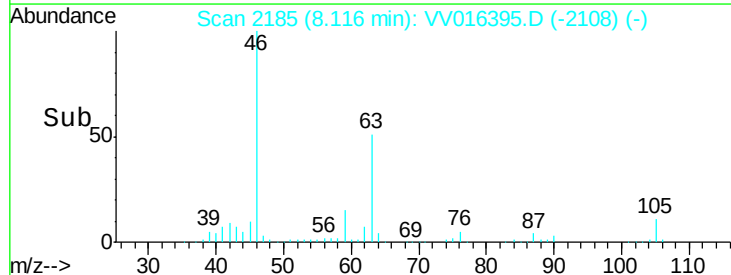
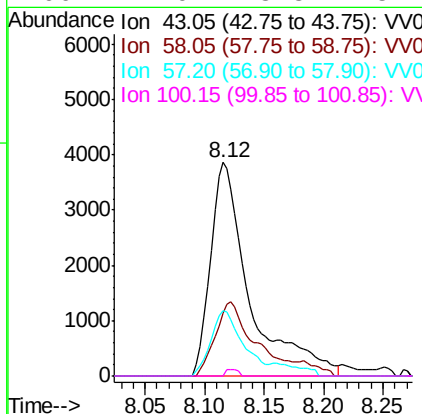
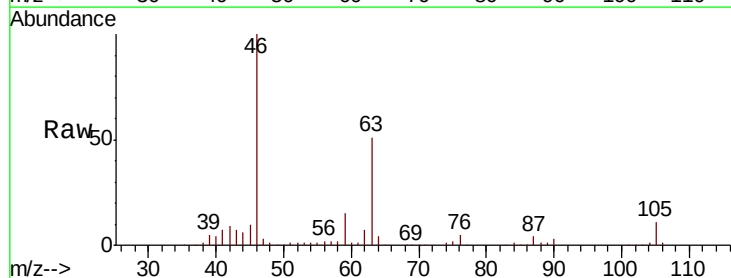
Instrument :
MSVOA_V
ClientSampleId :

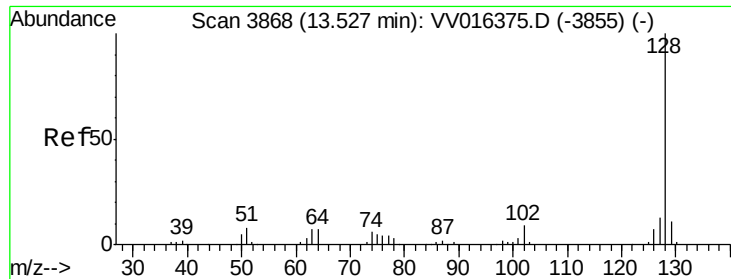
Tot Ion: 75 Resp: 439
Ion Ratio Lower Upper
75 100
77 45.4 21.1 39.3#



#50
2-Hexanone
Concen: 4.159 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016395.D
Acq: 31 May 2020 18:14

Tgt Ion: 43 Resp: 8797
Ion Ratio Lower Upper
43 100
58 35.2 41.1 61.7#
57 25.5 14.2 21.4#
100 1.0 8.8 13.2#





#70

Naphthalene

Concen: 0.237 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016395.D

Acq: 31 May 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

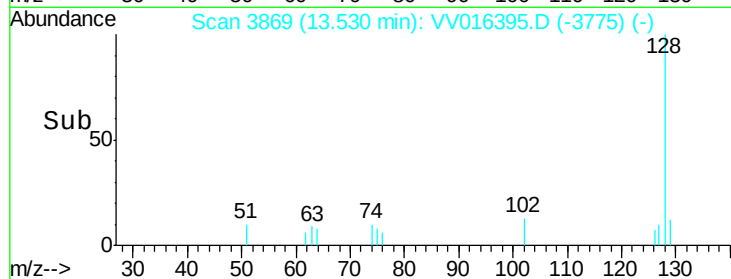
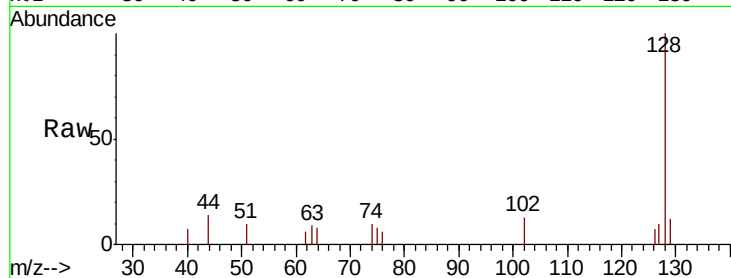
Tot Ion:128 Resp: 3111

Ion Ratio Lower Upper

128 100

129 9.7 8.6 12.8

127 10.4 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

