

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017494.D
 Acq On : 14 Jul 2020 19:39
 Operator : SY/MD
 Sample : L3281-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX2

Quant Time: Jul 15 03:08:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130530	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65003	5.00	ug/L	0.00

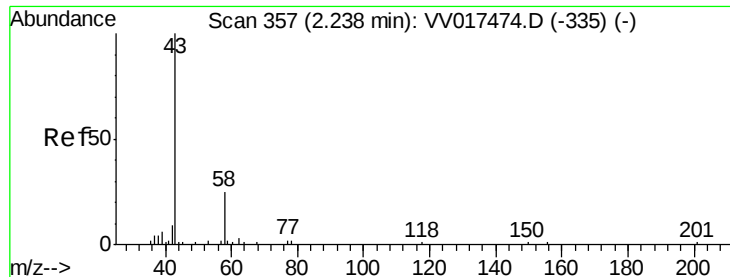
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37039	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	30505	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	57630	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.94	46	86992	54.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.92%
24) Chloroform-d	4.38	84	79369	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	47696	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	144892	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.10	67	41047	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.34	98	132185	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.64	79	18126	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.11	63	62439	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29833	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	57139	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	3313	2.857	ug/L #	13
14) Carbon disulfide	2.31	76	6650	0.267	ug/L	97
25) Chloroform	4.40	83	4006	0.223	ug/L	92
33) Benzene	5.14	78	2591	0.075	ug/L	100
35) Methylcyclohexane	6.15	83	1132	0.073	ug/L #	54
37) 1,2-Dichloropropane	6.10	63	5595	0.696	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1542	0.119	ug/L #	71
42) Toluene	7.41	91	10917	0.285	ug/L	94
43) 1,3,5-Trimethylbenzene	10.94	105	1273	0.033	ug/L	94
46) trans-1,3-Dichloropropene	7.64	75	973	0.085	ug/L #	73
50) 2-Hexanone	8.11	43	9504	3.044	ug/L #	68
54) Ethylbenzene	9.04	91	7943	0.181	ug/L	87
55) m,p-xylene	9.16	106	1477	0.089	ug/L	100

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



#13

Acetone

Concen: 2.857 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.03 min

Lab File: VV017494.D

Acq: 14 Jul 2020 19:39

Instrument :

MSVOA_V

ClientSampled :

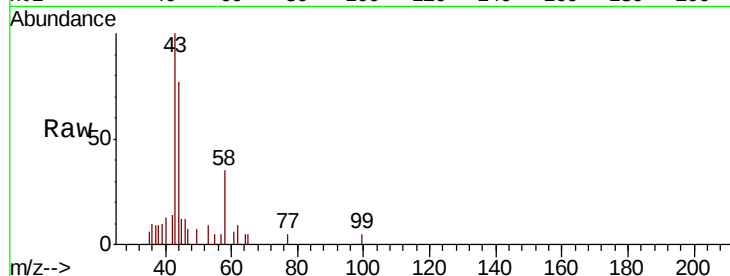
GAXX2

Tot Ion: 43 Resp: 3313

Ion Ratio Lower Upper

43 100

58 54.3 0.0 33.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

1500

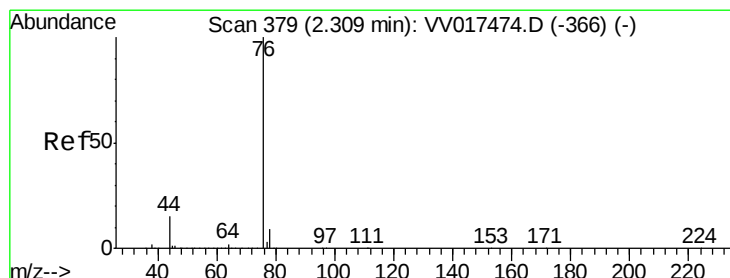
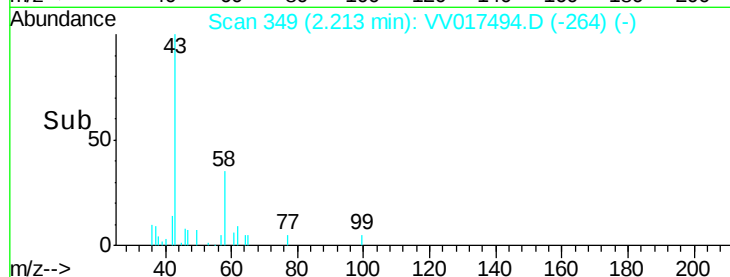
1000

500

0

2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 0.267 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017494.D

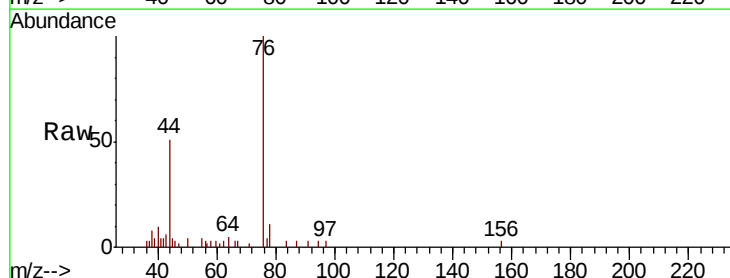
Acq: 14 Jul 2020 19:39

Tgt Ion: 76 Resp: 6650

Ion Ratio Lower Upper

76 100

78 10.6 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

5000

4000

3000

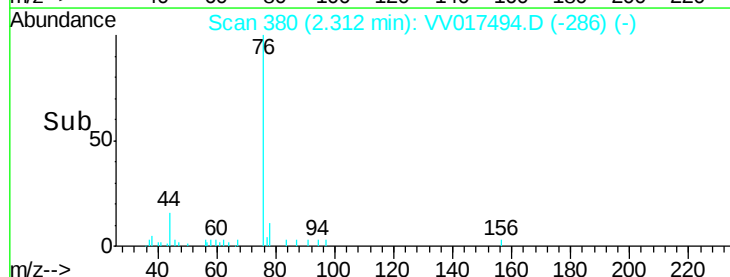
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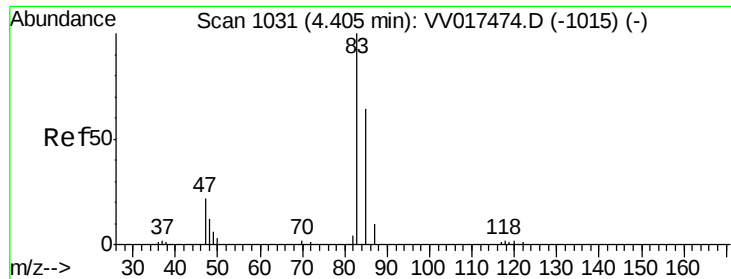
1000

0

2.25 2.30 2.35

Time-->





#25

Chloroform

Concen: 0.223 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV017494.D

Acq: 14 Jul 2020 19:39

Instrument :

MSVOA_V

ClientSampleId :

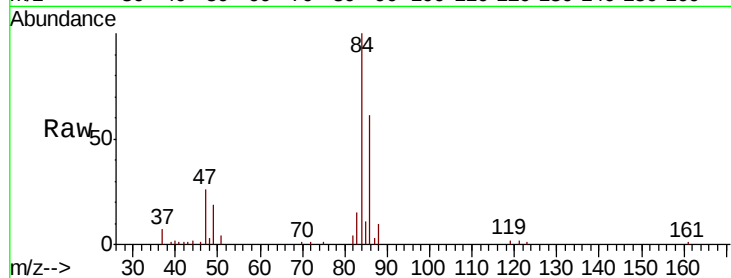
GAXX2

Tot Ion: 83 Resp: 4006

Ion Ratio Lower Upper

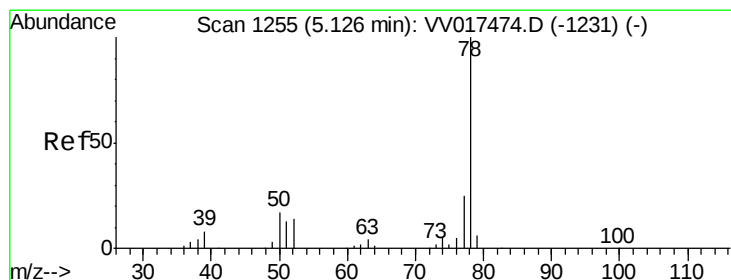
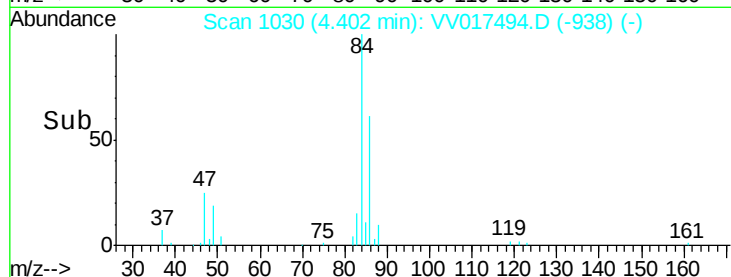
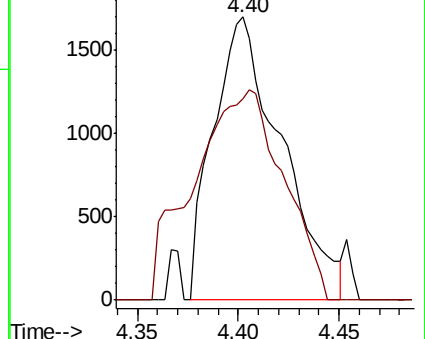
83 100

85 71.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#33

Benzene

Concen: 0.075 ug/L

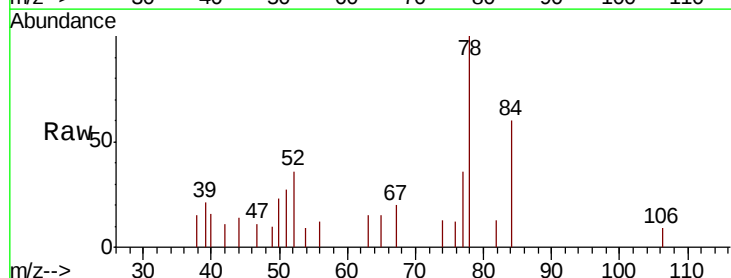
RT: 5.14 min Scan# 1258

Delta R.T. 0.01 min

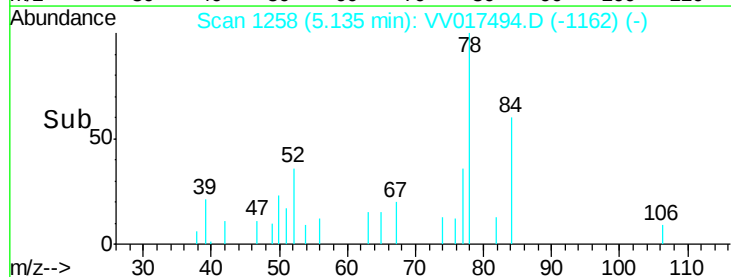
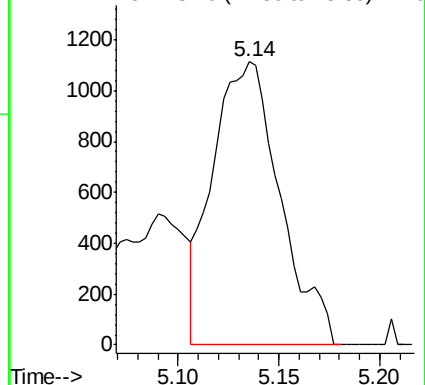
Lab File: VV017494.D

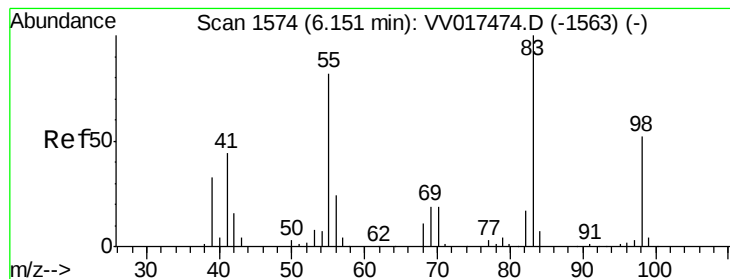
Acq: 14 Jul 2020 19:39

Tgt Ion: 78 Resp: 2591



Abundance Ion 78.10 (77.80 to 78.80): VV0





#35

Methvlcvclohexane

Concen: 0.073 ug/L

RT: 6.15 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VV017494.D

Acq: 14 Jul 2020 19:39

Instrument :

MSVOA_V

ClientSampleId :

GAXX2

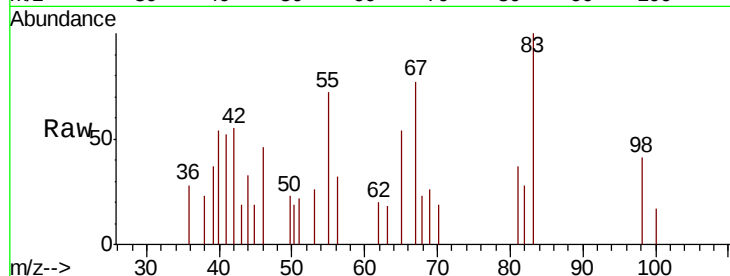
Tot Ion: 83 Resp: 1132

Ion Ratio Lower Upper

83 100

55 26.8 62.0 93.0#

98 32.5 41.4 62.2#

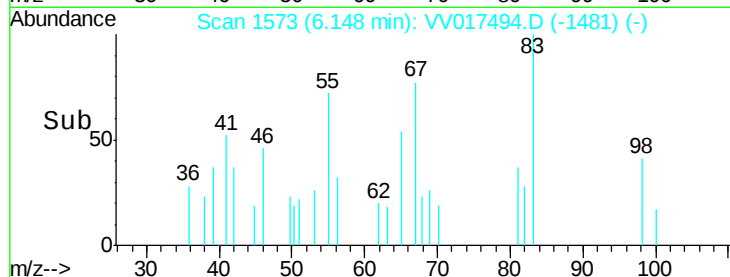


Abundance Ion 83.15 (82.85 to 83.85): VV017494.D (-1481) (-)

Ion 55.10 (54.80 to 55.80): VV017494.D (-1481) (-)

Ion 98.15 (97.85 to 98.85): VV017494.D (-1481) (-)

Time-->



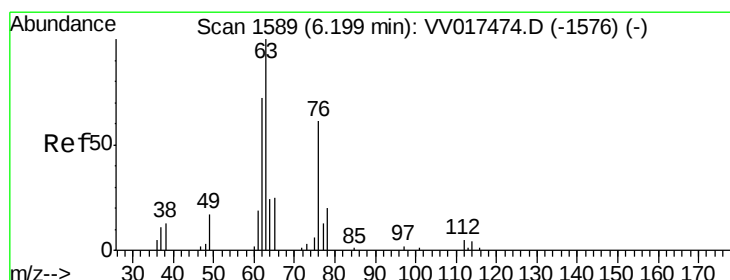
Abundance

Ion 83.15 (82.85 to 83.85): VV017494.D (-1481) (-)

Ion 55.10 (54.80 to 55.80): VV017494.D (-1481) (-)

Ion 98.15 (97.85 to 98.85): VV017494.D (-1481) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.696 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017494.D

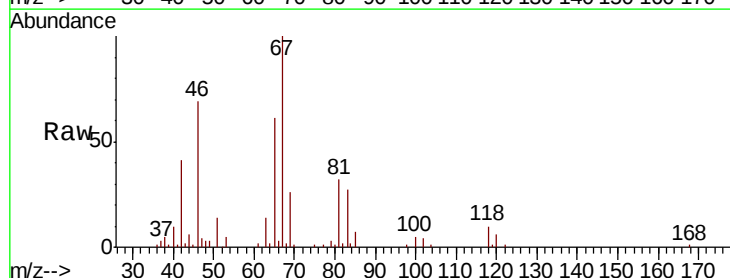
Acq: 14 Jul 2020 19:39

Tgt Ion: 63 Resp: 5595

Ion Ratio Lower Upper

63 100

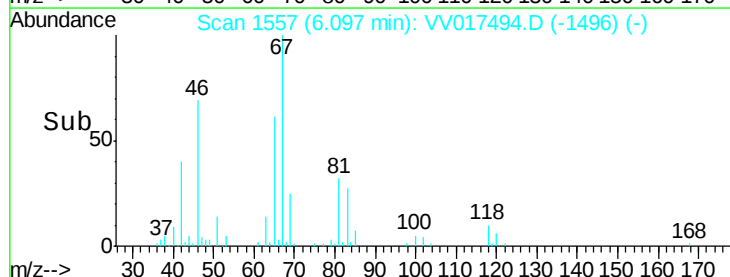
112 0.8 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV017494.D (-1496) (-)

Ion 112.10 (111.80 to 112.80): VV017494.D (-1496) (-)

Time-->

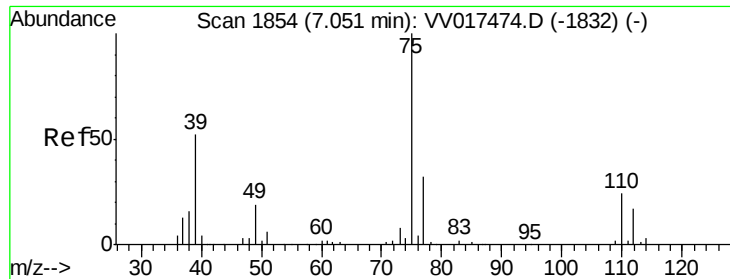


Abundance

Ion 63.10 (62.80 to 63.80): VV017494.D (-1496) (-)

Ion 112.10 (111.80 to 112.80): VV017494.D (-1496) (-)

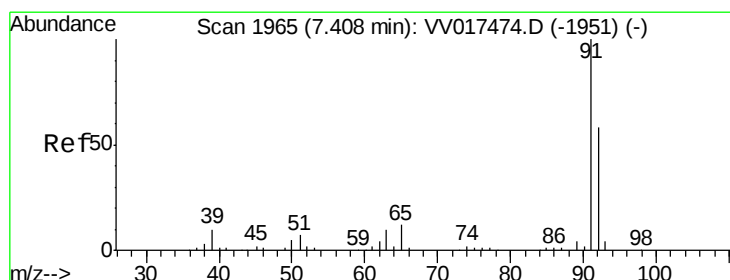
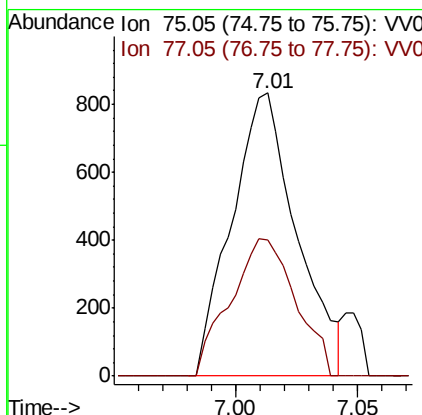
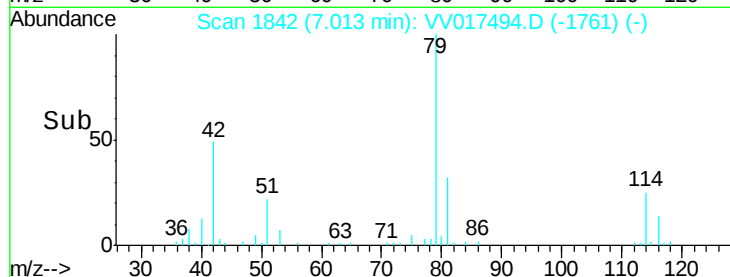
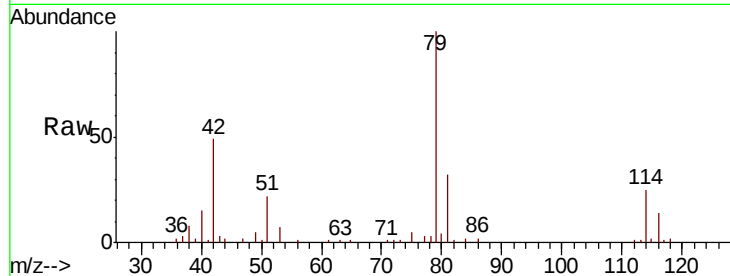
Time-->



#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017494.D
 Acq: 14 Jul 2020 19:39

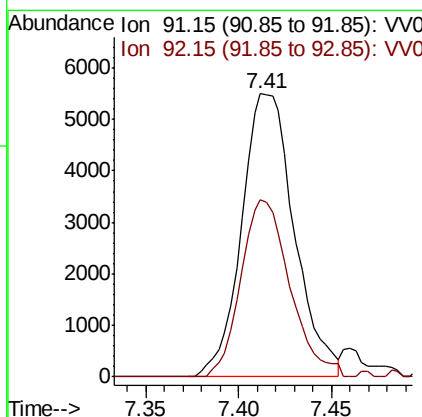
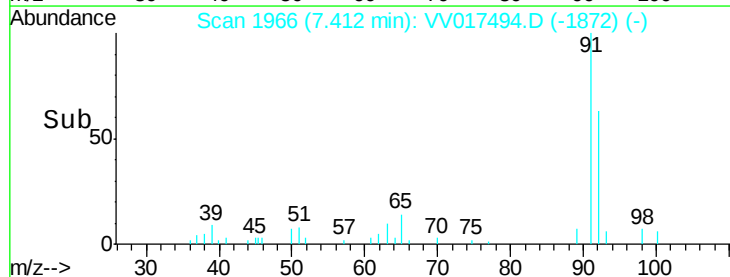
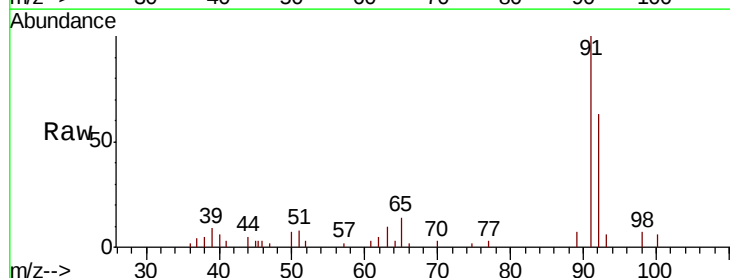
Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX2

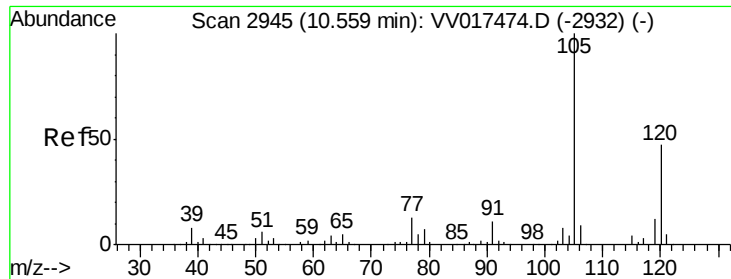
Tot Ion: 75 Resp: 1542
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.3 41.5#



#42
 Toluene
 Concen: 0.285 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV017494.D
 Acq: 14 Jul 2020 19:39

Tgt Ion: 91 Resp: 10917
 Ion Ratio Lower Upper
 91 100
 92 62.5 40.7 75.5

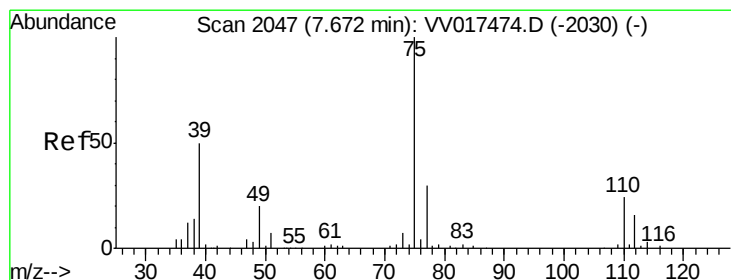
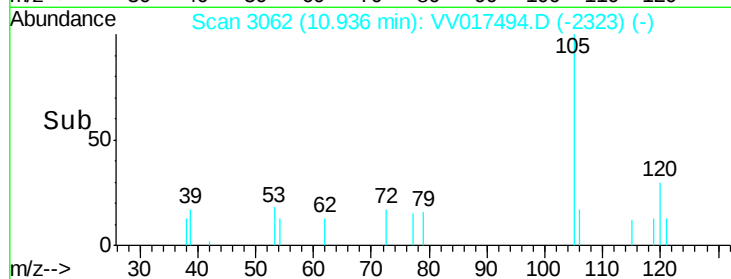
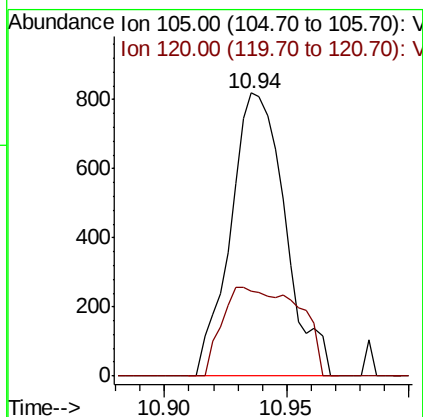
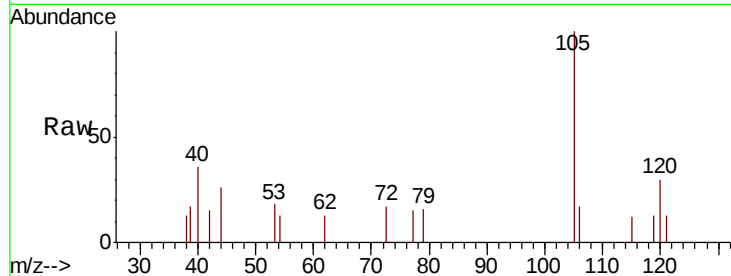




#43
1,3,5-Trimethylbenzene
Concen: 0.033 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. 0.38 min
Lab File: VV017494.D
Acq: 14 Jul 2020 19:39

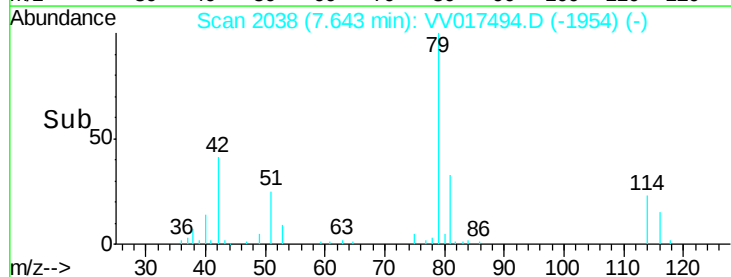
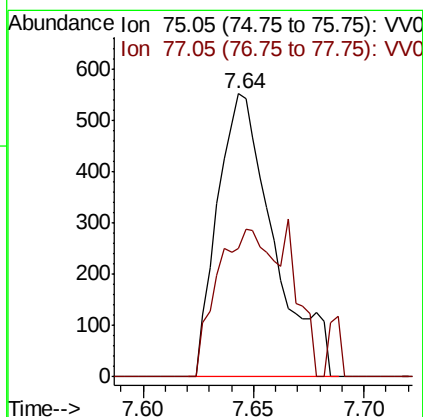
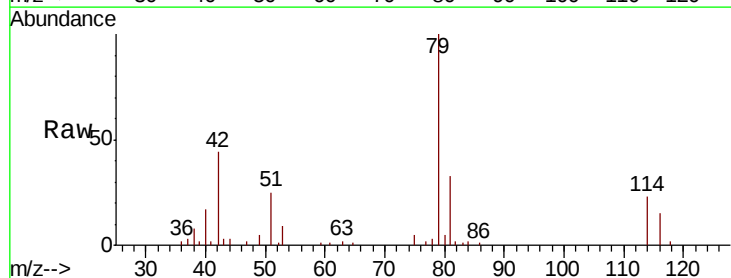
Instrument :
MSVOA_V
ClientSampleId :
GAXX2

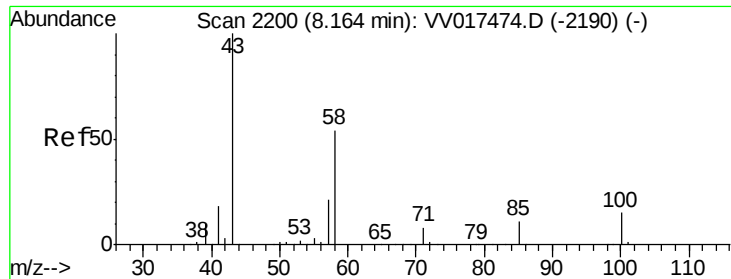
Tot Ion:105 Resp: 1273
Ion Ratio Lower Upper
105 100
120 44.0 38.6 58.0



#46
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017494.D
Acq: 14 Jul 2020 19:39

Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
77 45.1 21.2 39.4#

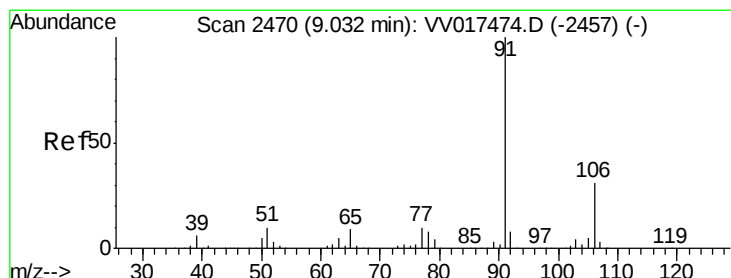
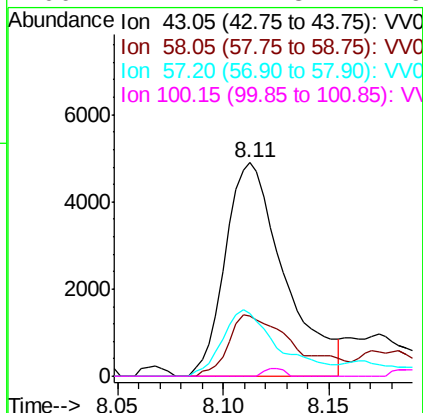
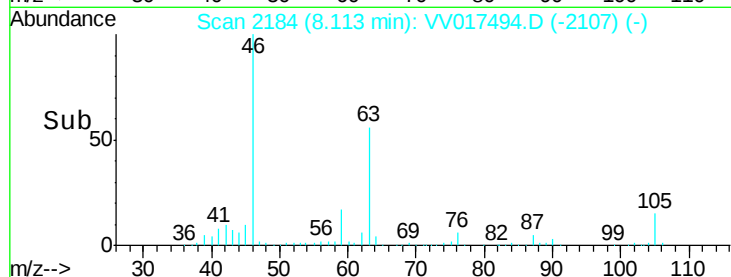
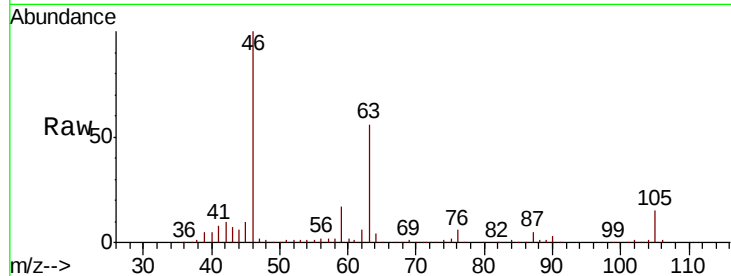




#50
2-Hexanone
Concen: 3.044 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV017494.D
Acq: 14 Jul 2020 19:39

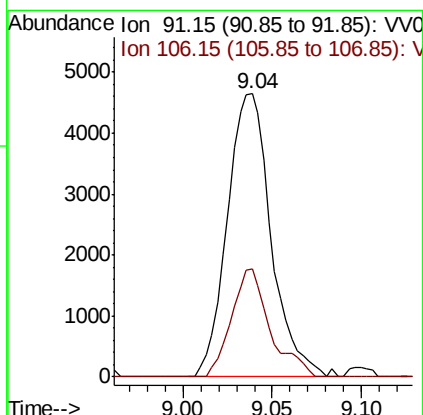
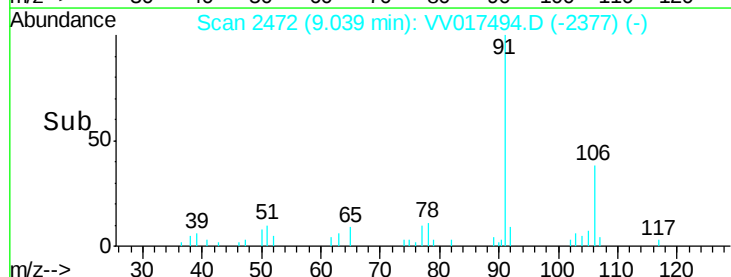
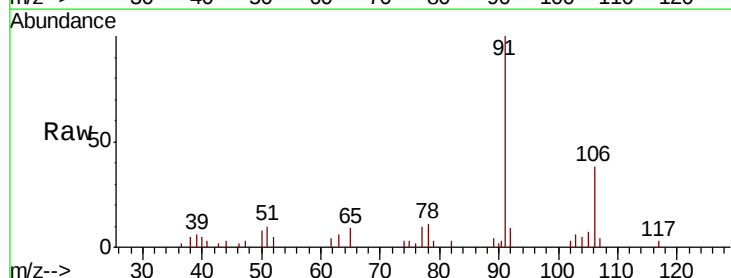
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MSVOA_V
ClientSampleId :
GAXX2

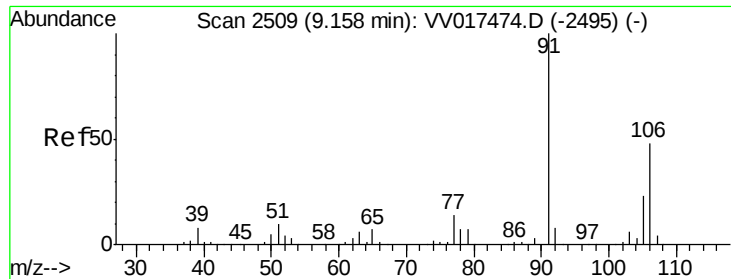
Tot Ion: 43 Resp: 9504
Ion Ratio Lower Upper
43 100
58 28.0 43.0 64.4#
57 30.3 16.8 25.2#
100 1.2 11.8 17.6#



#54
Ethylbenzene
Concen: 0.181 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV017494.D
Acq: 14 Jul 2020 19:39

Tgt Ion: 91 Resp: 7943
Ion Ratio Lower Upper
91 100
106 38.4 21.9 40.7





#55

m,p-xylene

Concen: 0.089 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV017494.D

Acq: 14 Jul 2020 19:39

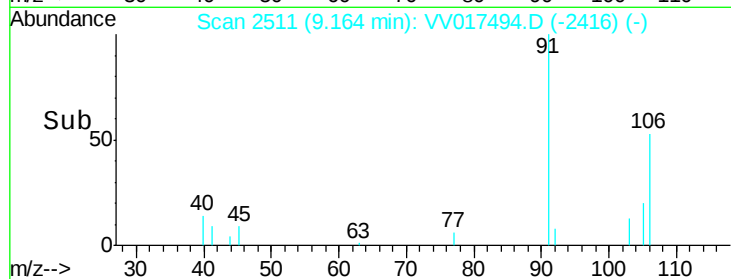
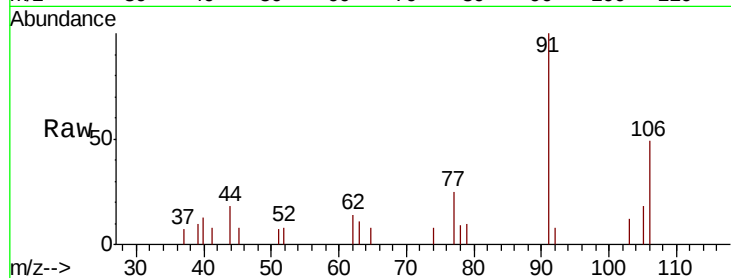
Instrument :
MSVOA_V
ClientSampleId :
GAXX2

Tot Ion:106 Resp: 1477

Ion Ratio Lower Upper

106 100

91 205.4 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

