

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV017505.D
 Acq On : 15 Jul 2020 12:32
 Operator : SY/MD
 Sample : L3281-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX9

Quant Time: Jul 16 01:32:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	153665	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148098	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75740	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34033	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	28979	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.13	63	63958	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.92	46	81757	44.57	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.14%
24) Chloroform-d	4.38	84	75603	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
26) 1,2-Dichloroethane-d4	5.06	65	45282	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.08	84	139210	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.10	67	38196	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.34	98	124959	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
45) trans-1,3-Dichloropropene-	7.64	79	17898	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
48) 2-Hexanone-d5	8.11	63	55609	40.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28642	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	55954	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

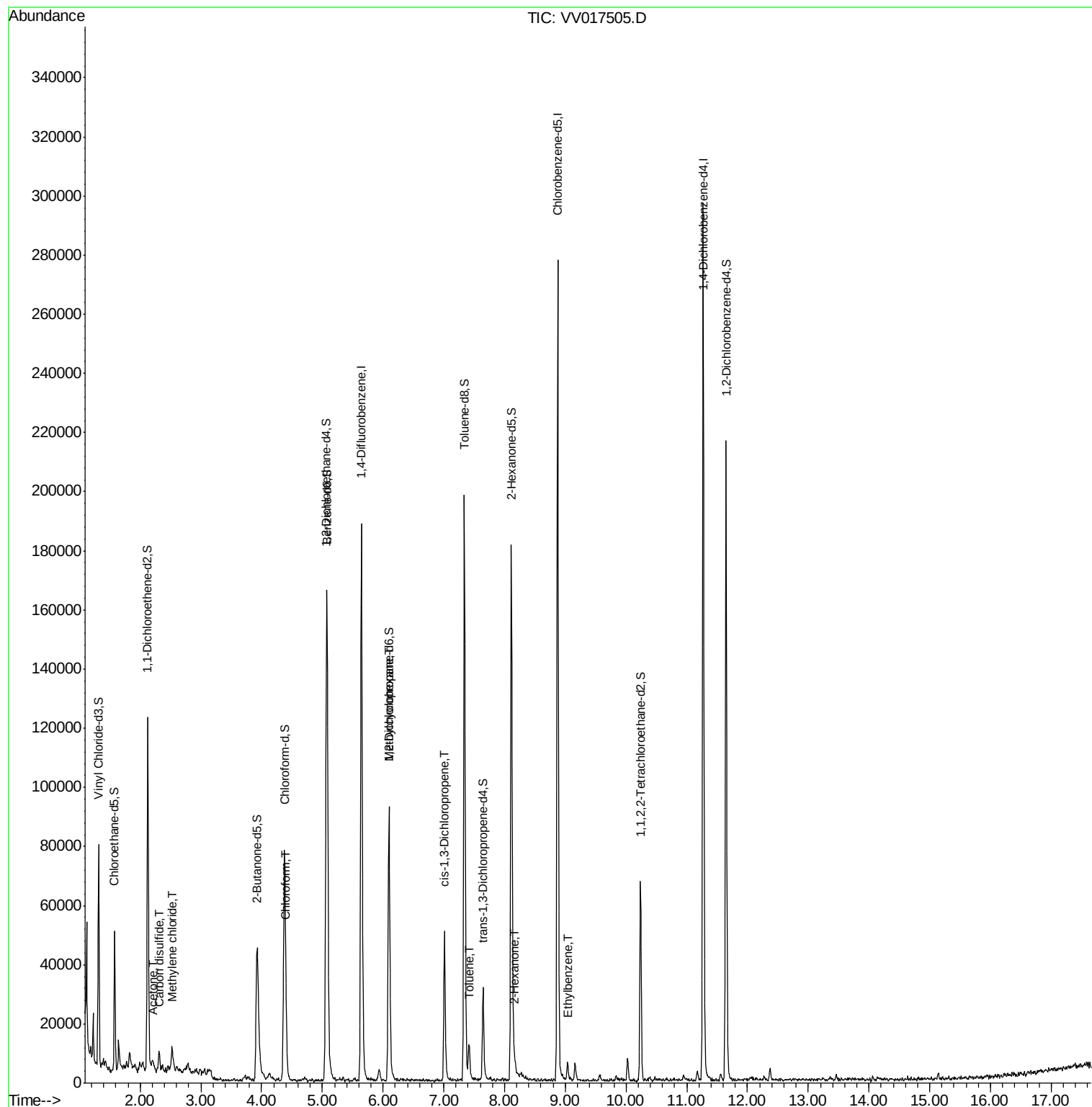
					Ovalue
13) Acetone	2.21	43	4804	3.608	ug/L 91
14) Carbon disulfide	2.31	76	6845	0.239	ug/L 97
16) Methylene chloride	2.52	84	2856	0.257	ug/L 87
25) Chloroform	4.41	83	4360	0.211	ug/L 96
35) Methylcyclohexane	6.10	83	11766	0.665	ug/L # 17
39) cis-1,3-Dichloropropene	7.01	75	1469	0.100	ug/L # 51
42) Toluene	7.41	91	8019	0.184	ug/L 98
50) 2-Hexanone	8.17	43	2720	0.768	ug/L # 47
54) Ethylbenzene	9.04	91	3843	0.077	ug/L 99

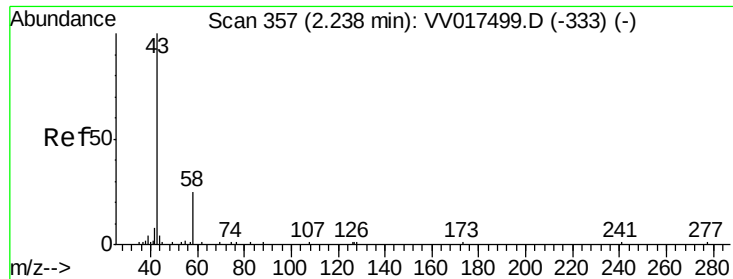
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 16 01:29:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.608 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV017505.D

Acq: 15 Jul 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

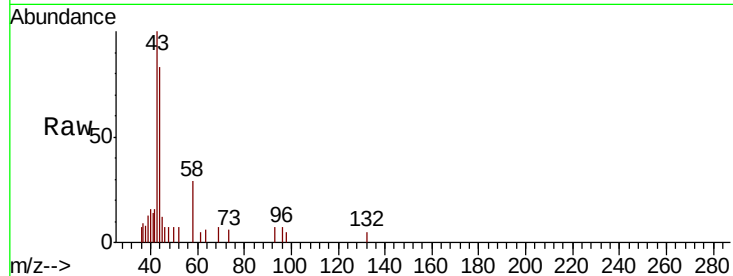
GAXX9

Tot Ion: 43 Resp: 4804

Ion Ratio Lower Upper

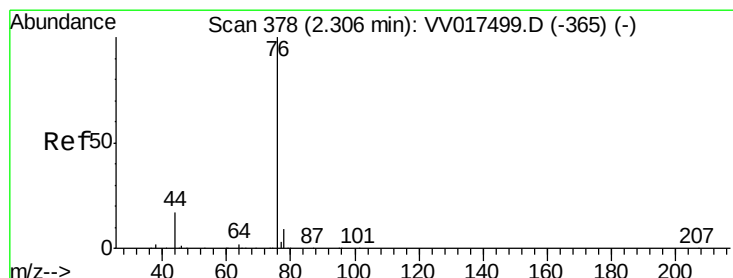
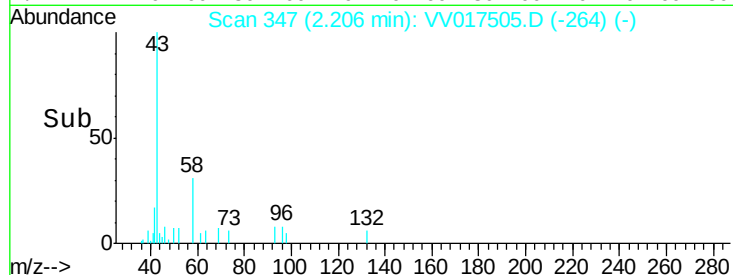
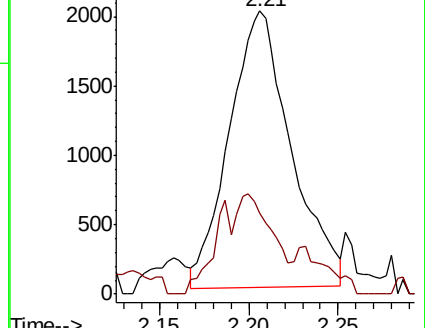
43 100

58 20.9 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV017499.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV017499.D (-333) (-)



#14

Carbon disulfide

Concen: 0.239 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV017505.D

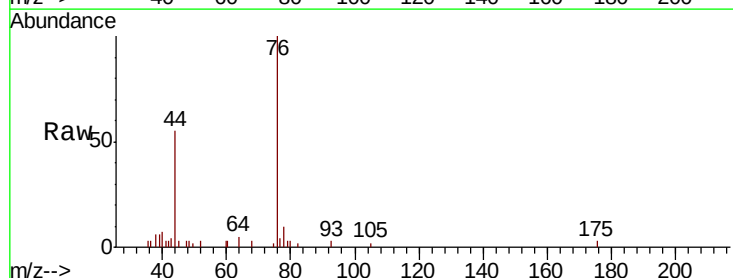
Acq: 15 Jul 2020 12:32

Tgt Ion: 76 Resp: 6845

Ion Ratio Lower Upper

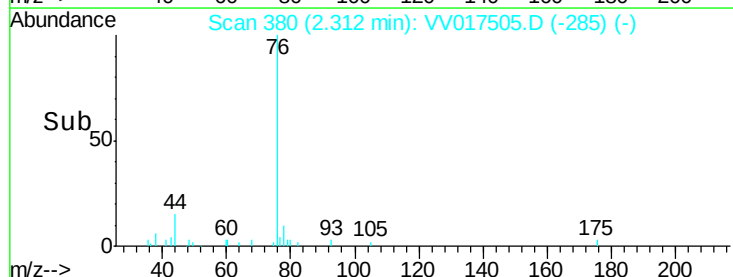
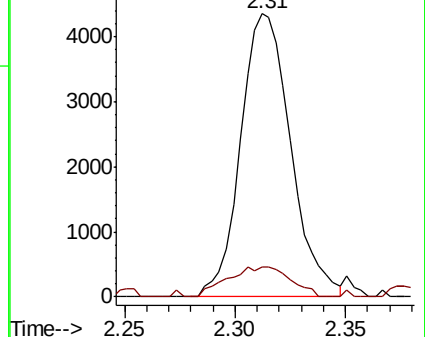
76 100

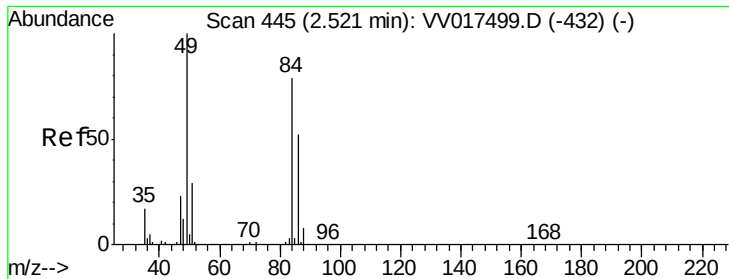
78 10.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV017499.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV017499.D (-365) (-)

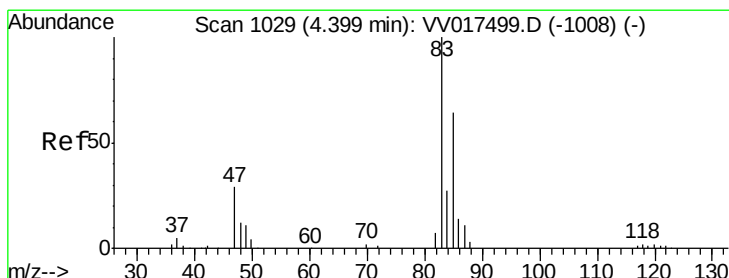
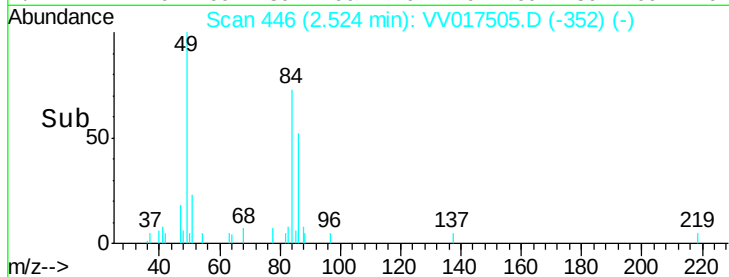
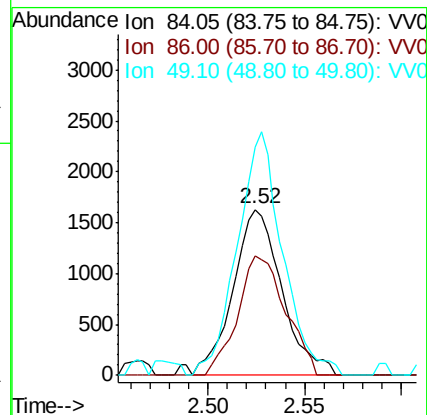
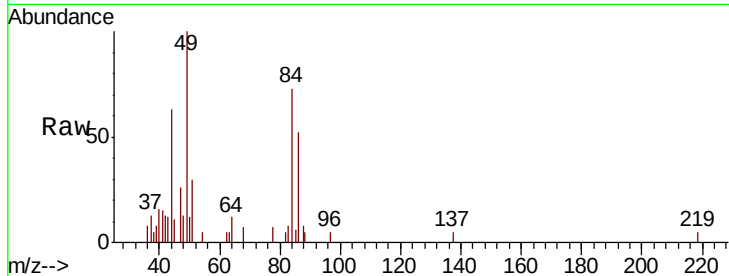




#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017505.D
Acq: 15 Jul 2020 12:32

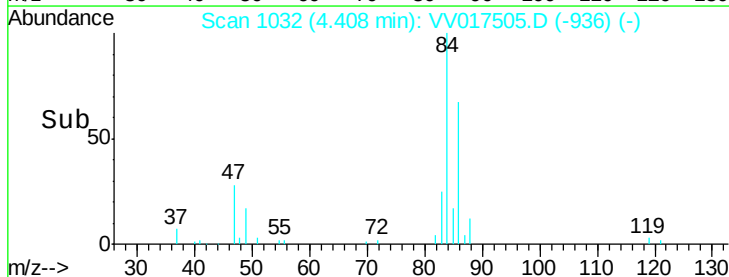
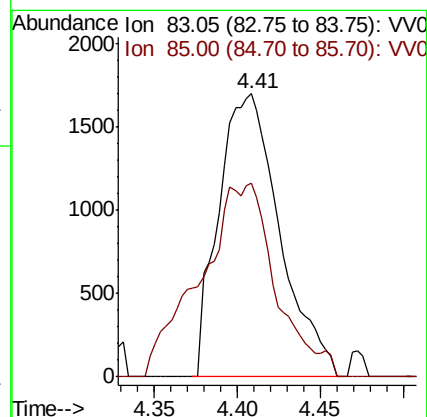
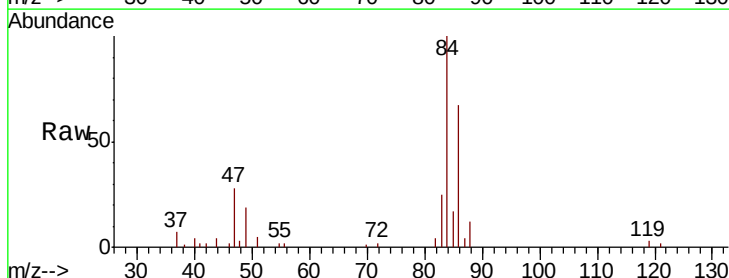
Instrument :
MSVOA_V
ClientSampled :
GAXX9

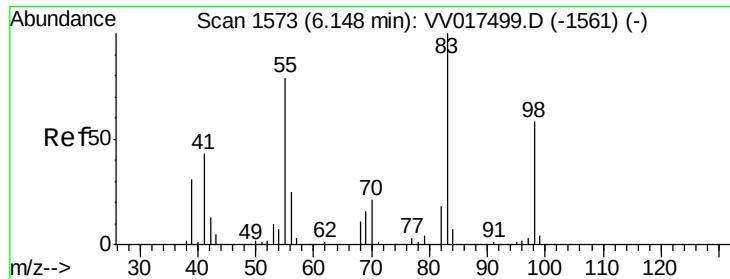
Tot Ion: 84 Resp: 2856
Ion Ratio Lower Upper
84 100
86 71.6 45.5 84.5
49 137.5 84.6 157.0



#25
Chloroform
Concen: 0.211 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017505.D
Acq: 15 Jul 2020 12:32

Tgt Ion: 83 Resp: 4360
Ion Ratio Lower Upper
83 100
85 68.3 45.4 84.4

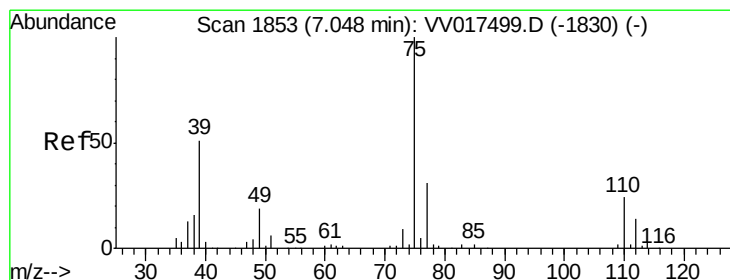
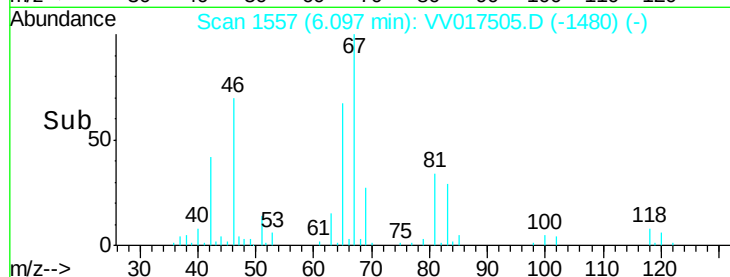
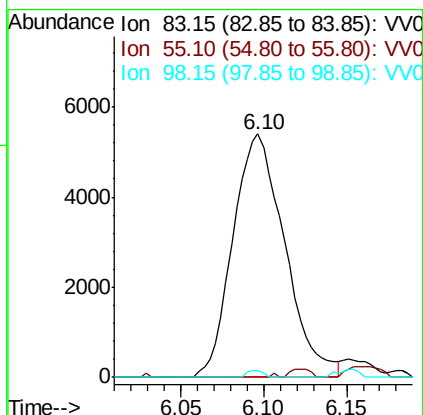
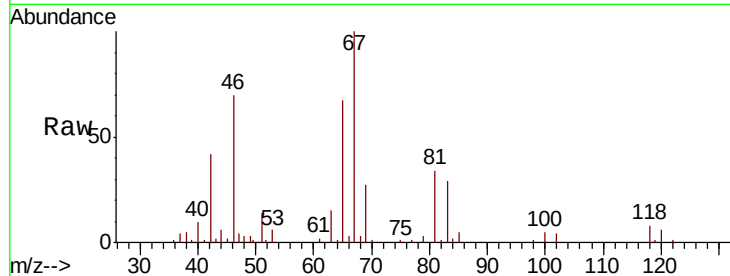




#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017505.D
Acq: 15 Jul 2020 12:32

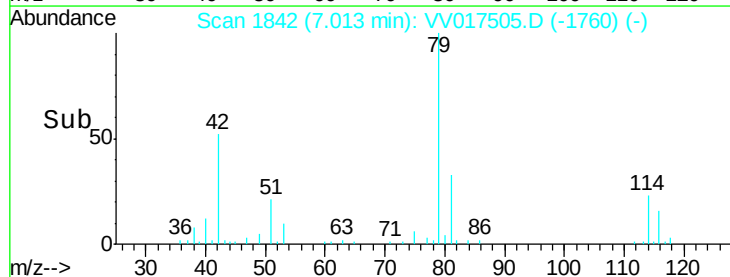
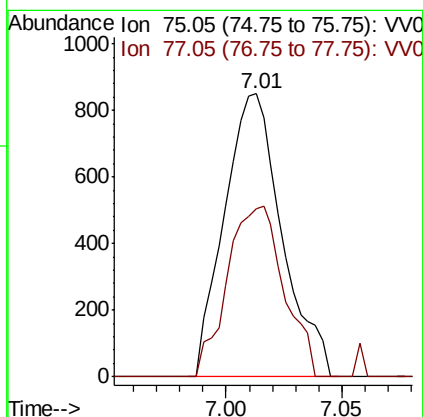
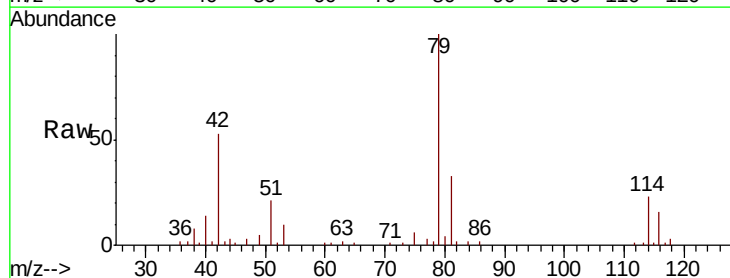
Instrument :
MSVOA_V
ClientSampleId :
GAXX9

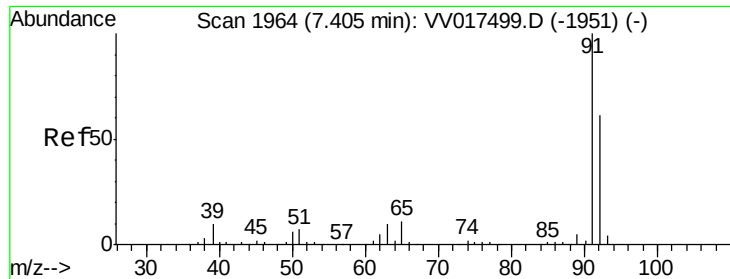
Tot Ion: 83 Resp: 11766
Ion Ratio Lower Upper
83 100
55 0.2 62.0 93.0#
98 0.8 41.4 62.2#



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV017505.D
Acq: 15 Jul 2020 12:32

Tgt Ion: 75 Resp: 1469
Ion Ratio Lower Upper
75 100
77 59.4 22.3 41.5#





#42

Toluene

Concen: 0.184 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017505.D

Acq: 15 Jul 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

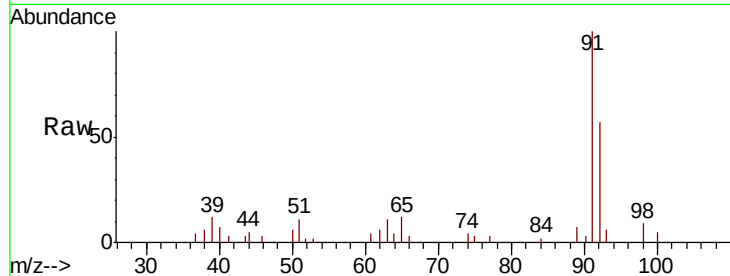
GAXX9

Tot Ion: 91 Resp: 8019

Ion Ratio Lower Upper

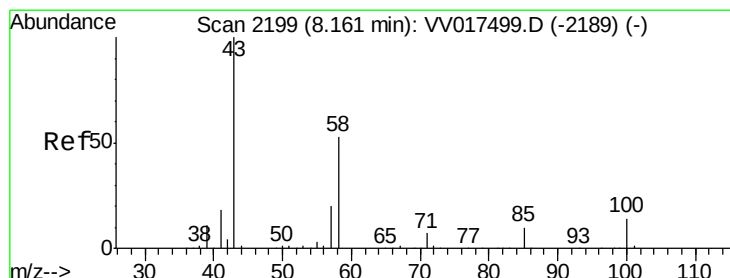
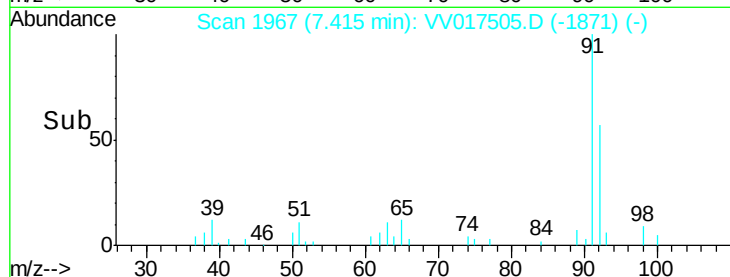
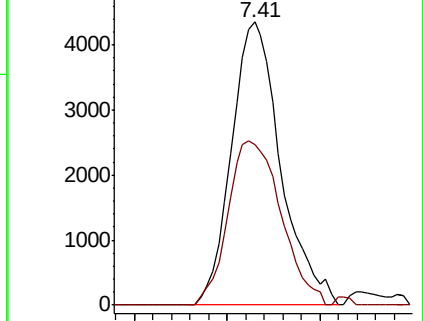
91 100

92 56.9 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV017499.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017499.D (-1951) (-)



#50

2-Hexanone

Concen: 0.768 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017505.D

Acq: 15 Jul 2020 12:32

Tgt Ion: 43 Resp: 2720

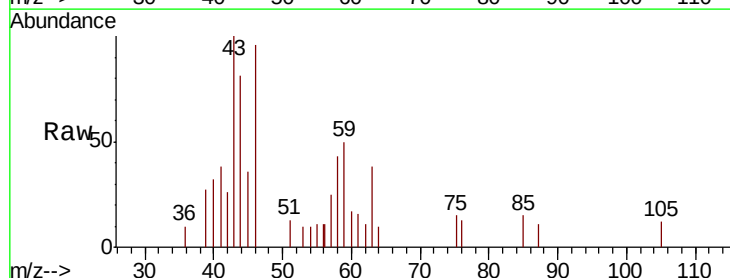
Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.4#

57 14.9 16.8 25.2#

100 1.9 11.8 17.6#

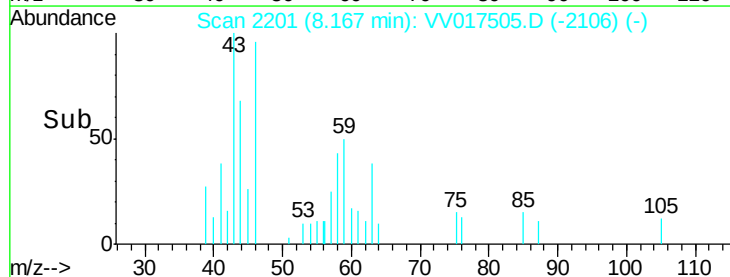
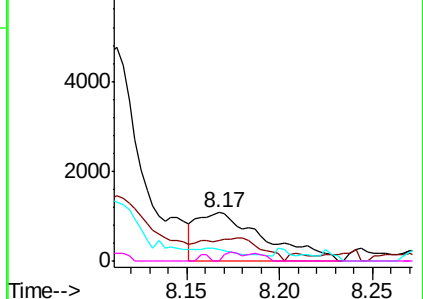


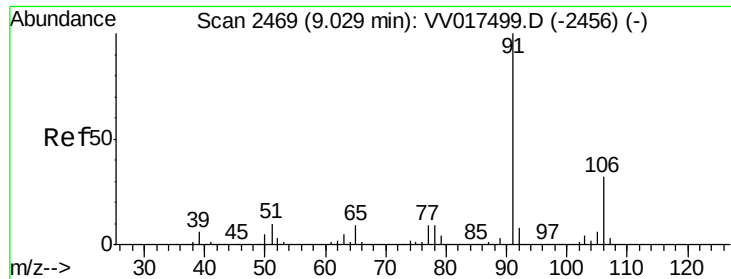
Abundance Ion 43.05 (42.75 to 43.75): VV017499.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV017499.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV017499.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV017499.D (-2189) (-)





#54
 Ethylbenzene
 Concen: 0.077 ug/L
 RT: 9.04 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: VV017505.D
 Acq: 15 Jul 2020 12:32

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX9

Tot Ion: 91 Resp: 3843
 Ion Ratio Lower Upper
 91 100
 106 31.6 21.9 40.7

