

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV071502.D
 Acq On : 15 Jul 2020 11:20
 Operator : SY/MD
 Sample : L3281-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX5

Quant Time: Jul 16 01:31:36 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	143851	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139522	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37605	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	31519	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	59279	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.92	46	83515	48.64	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.28%
24) Chloroform-d	4.37	84	82271	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	48508	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.07	84	144925	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.09	67	41027	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.33	98	134062	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	7.64	79	18570	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
48) 2-Hexanone-d5	8.11	63	58747	45.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27875	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	58637	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

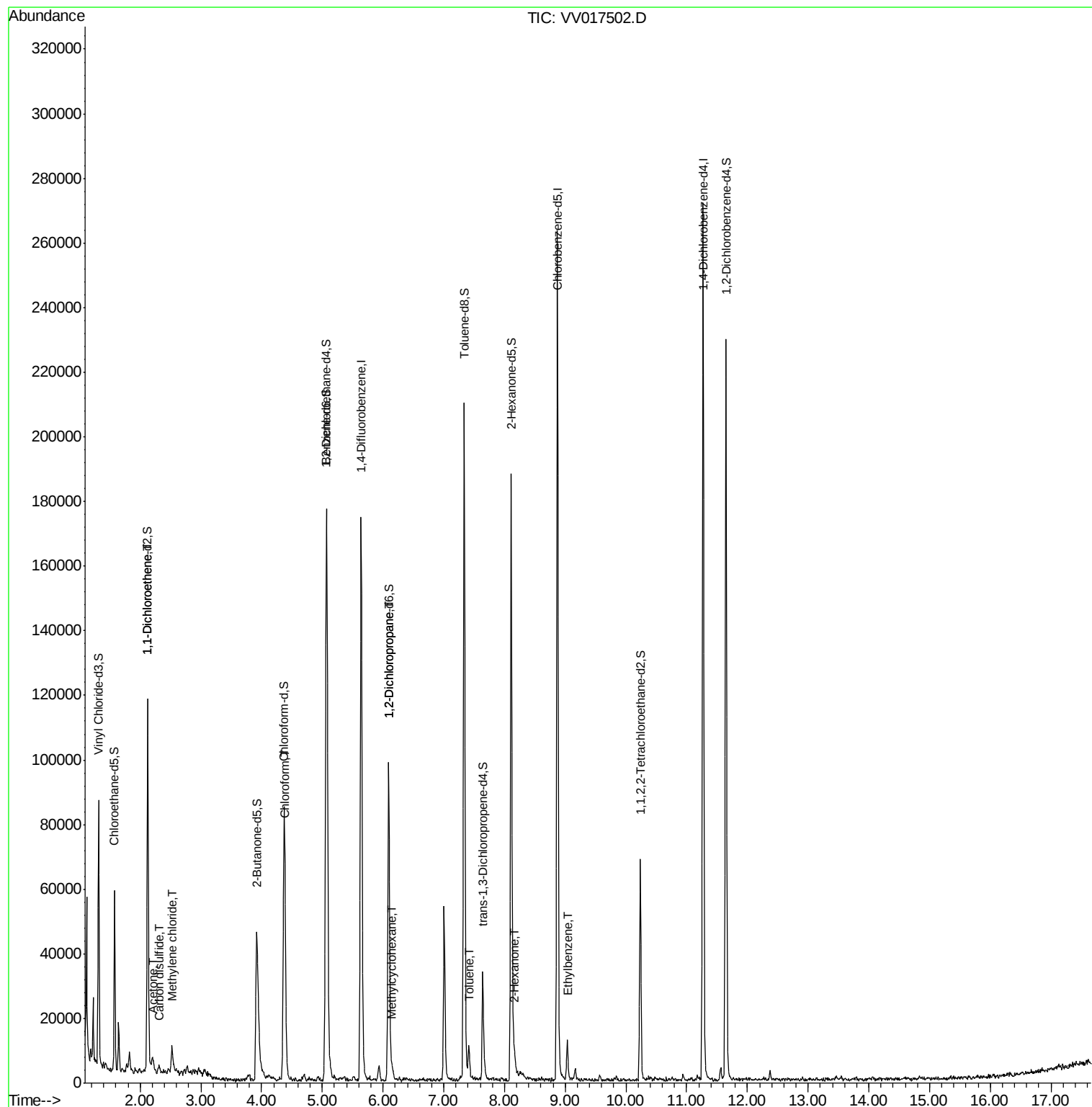
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	692	0.080	ug/L #	1
13) Acetone	2.21	43	8015	6.430	ug/L	92
14) Carbon disulfide	2.31	76	2301	0.086	ug/L #	79
16) Methylene chloride	2.52	84	2614	0.251	ug/L	91
25) Chloroform	4.40	83	4001	0.207	ug/L	95
35) Methylcyclohexane	6.15	83	1385	0.083	ug/L #	51
37) 1,2-Dichloropropane	6.09	63	5844	0.680	ug/L #	84
42) Toluene	7.41	91	7314	0.178	ug/L	100
50) 2-Hexanone	8.17	43	1715	0.514	ug/L #	75
54) Ethylbenzene	9.04	91	7438	0.159	ug/L	92

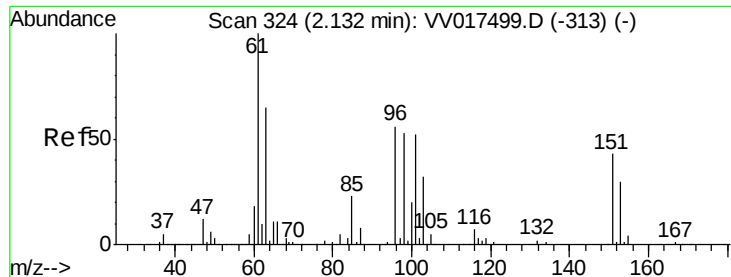
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
Data File : VV017502.D
Acq On : 15 Jul 2020 11:20
Operator : SY/MD
Sample : L3281-15
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Jul 16 01:31:36 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

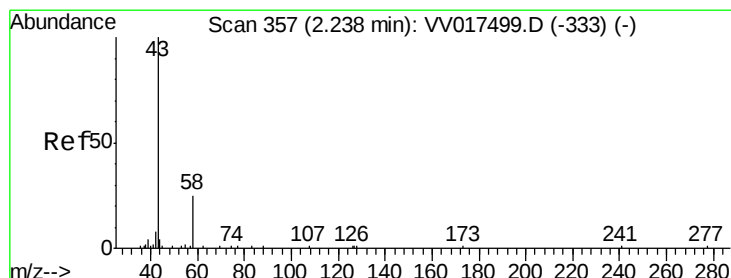
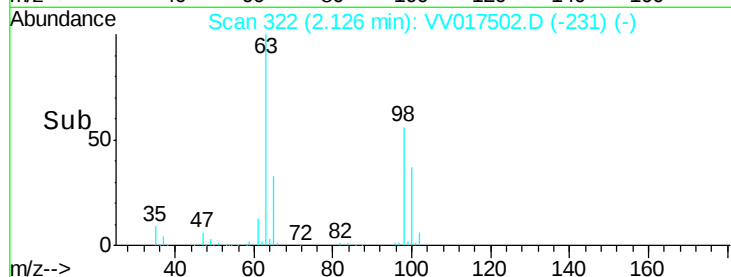
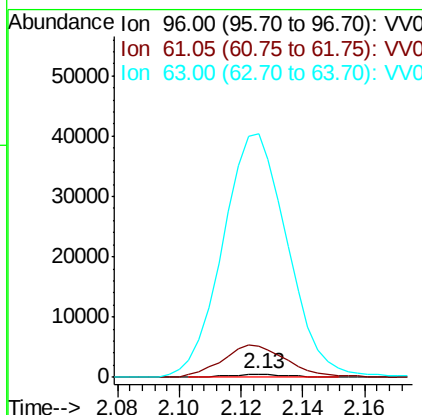
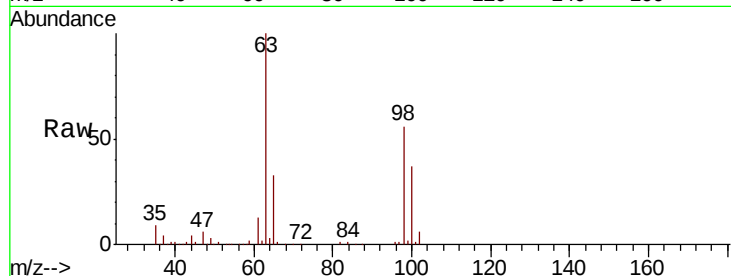




#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV017502.D
 Acq: 15 Jul 2020 11:20

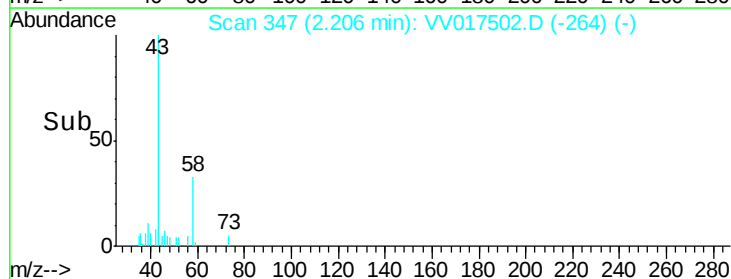
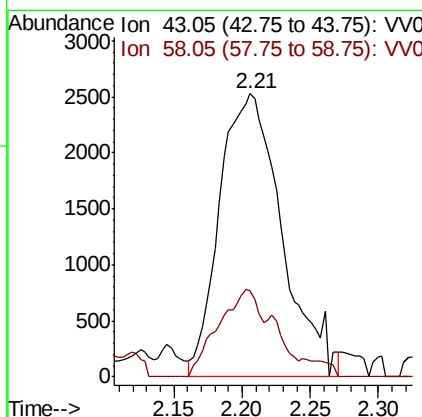
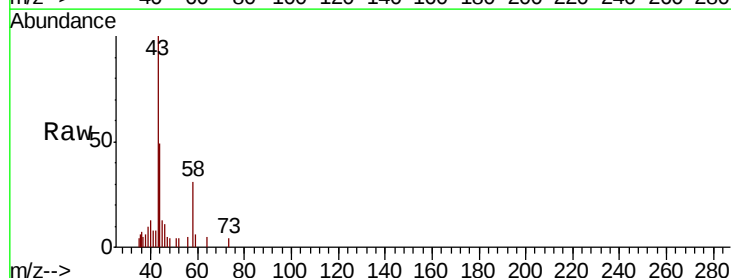
Instrument :
 MSVOA_V
 ClientSampleID :
 GAXX5

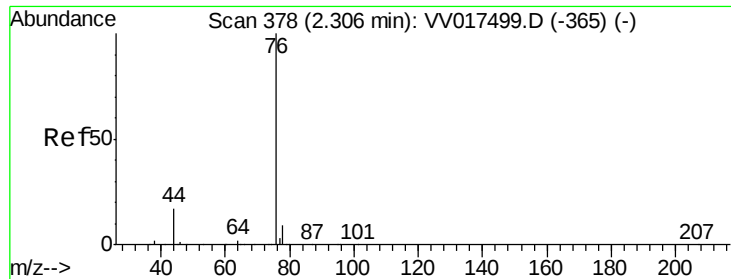
Tot Ion: 96 Resp: 692
 Ion Ratio Lower Upper
 96 100
 61 965.1 137.2 254.8#
 63 7661.5 103.6 192.4#



#13
 Acetone
 Concen: 6.430 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.03 min
 Lab File: VV017502.D
 Acq: 15 Jul 2020 11:20

Tgt Ion: 43 Resp: 8015
 Ion Ratio Lower Upper
 43 100
 58 20.4 0.0 33.6





#14

Carbon disulfide

Concen: 0.086 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV017502.D

Acq: 15 Jul 2020 11:20

Instrument :

MSVOA_V

ClientSampleId :

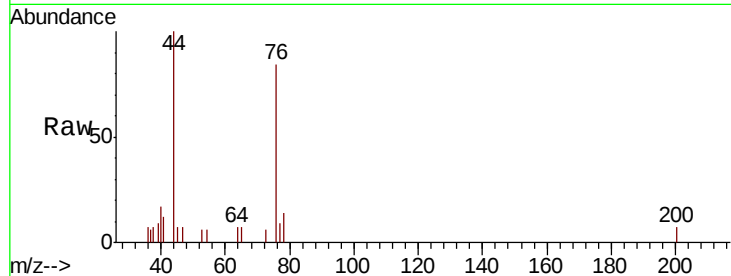
GAXX5

Tot Ion: 76 Resp: 2301

Ion Ratio Lower Upper

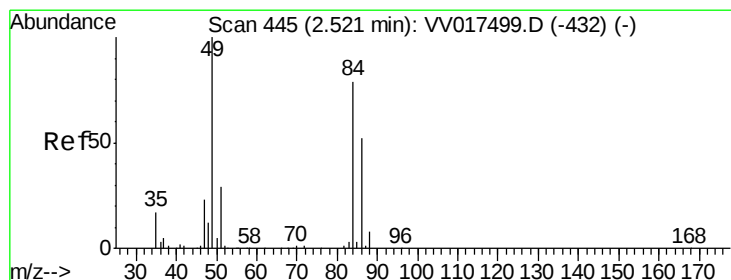
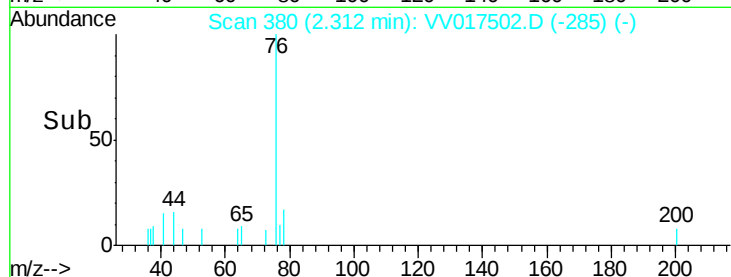
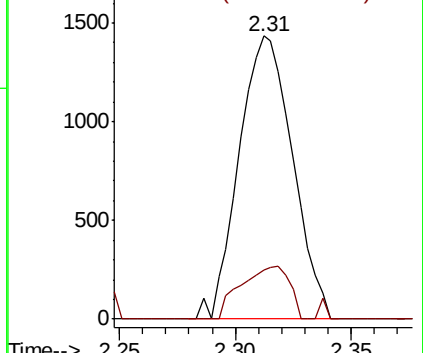
76 100

78 17.2 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.251 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017502.D

Acq: 15 Jul 2020 11:20

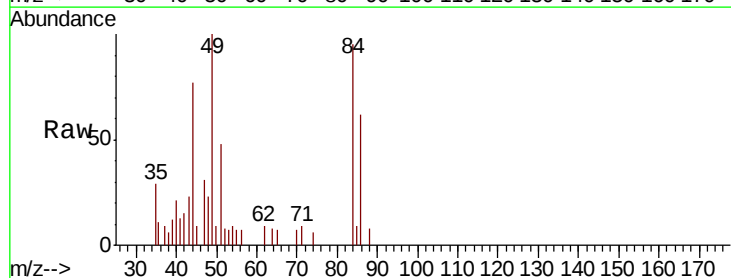
Tgt Ion: 84 Resp: 2614

Ion Ratio Lower Upper

84 100

86 64.9 45.5 84.5

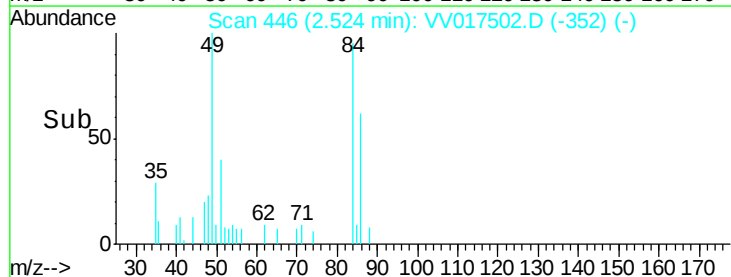
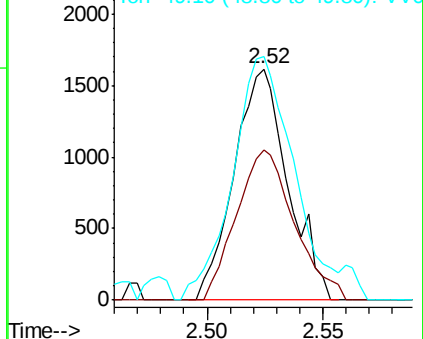
49 105.3 84.6 157.0

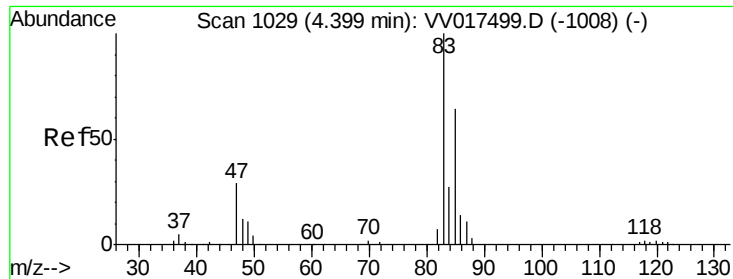


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

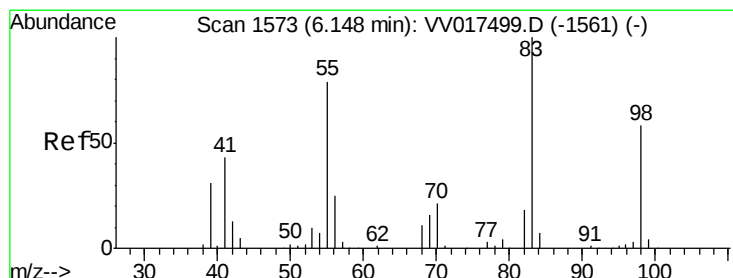
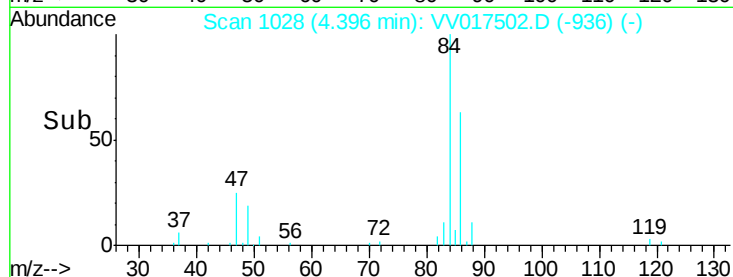
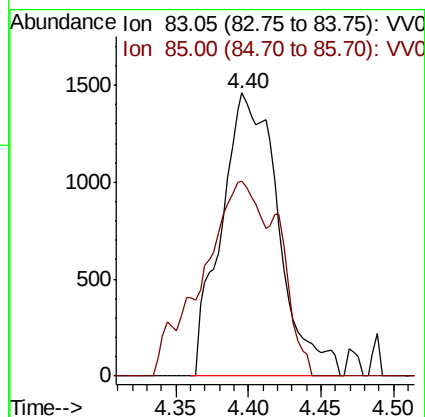
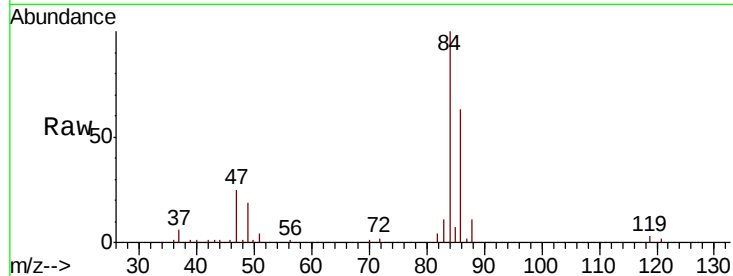




#25
Chloroform
Concen: 0.207 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV017502.D
Acq: 15 Jul 2020 11:20

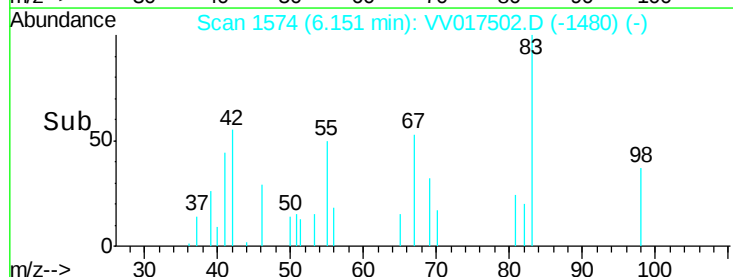
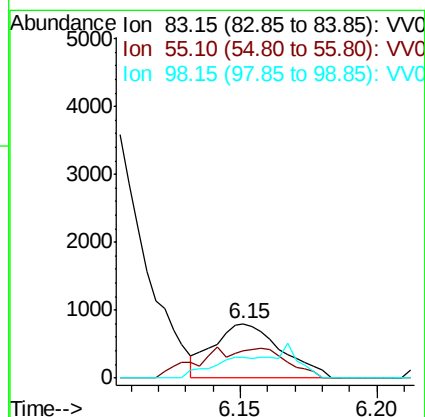
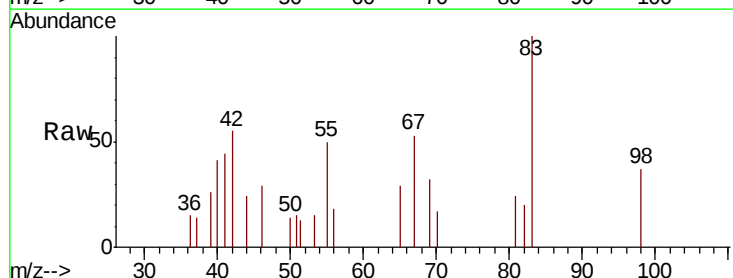
Instrument :
MSVOA_V
ClientSampleId :
GAXX5

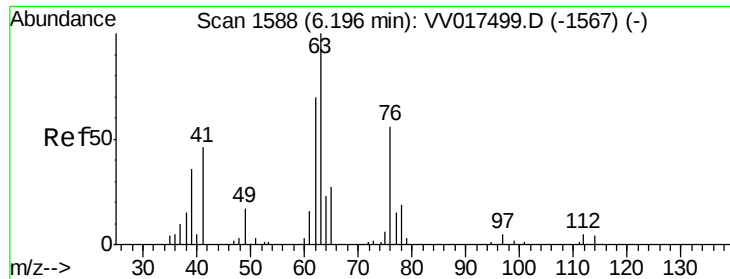
Tot Ion: 83 Resp: 4001
Ion Ratio Lower Upper
83 100
85 69.0 45.4 84.4



#35
Methylcyclohexane
Concen: 0.083 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VV017502.D
Acq: 15 Jul 2020 11:20

Tgt Ion: 83 Resp: 1385
Ion Ratio Lower Upper
83 100
55 28.4 62.0 93.0#
98 24.8 41.4 62.2#

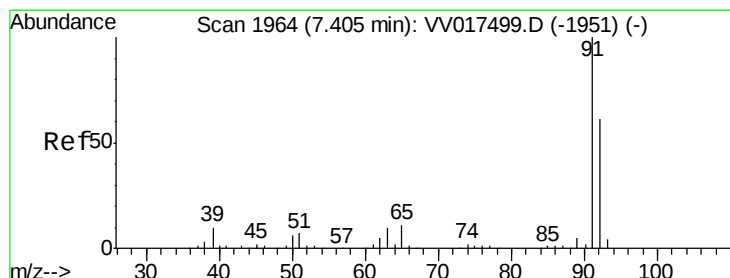
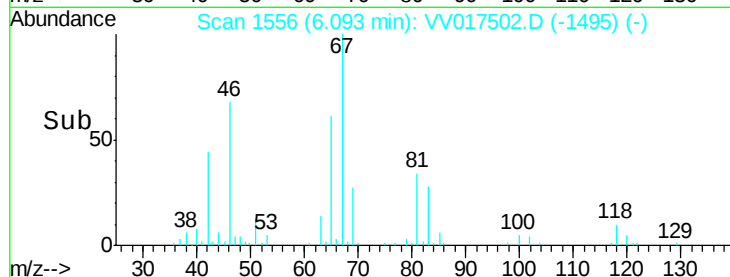
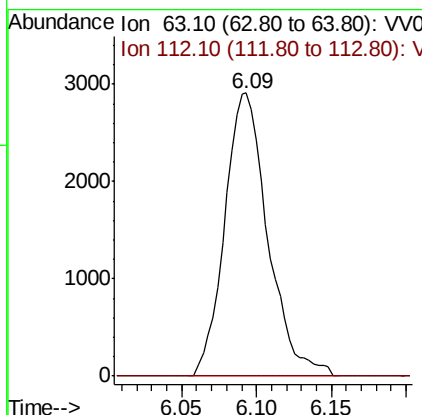
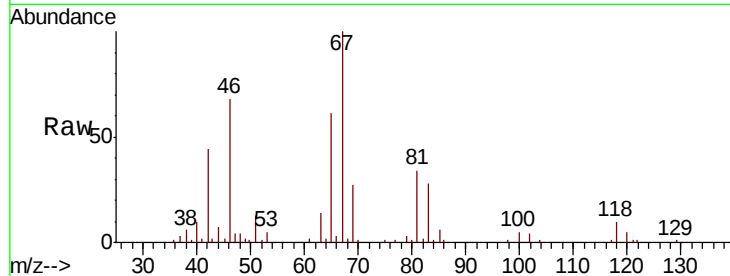




#37
 1,2-Dichloropropane
 Concen: 0.680 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017502.D
 Acq: 15 Jul 2020 11:20

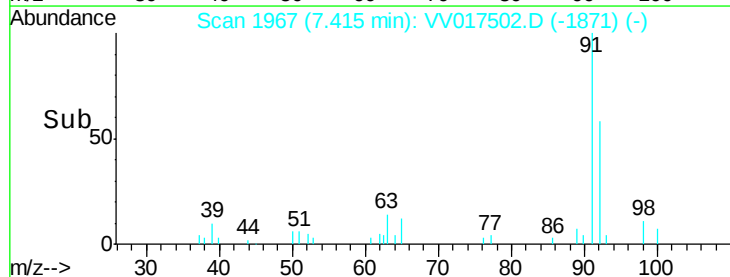
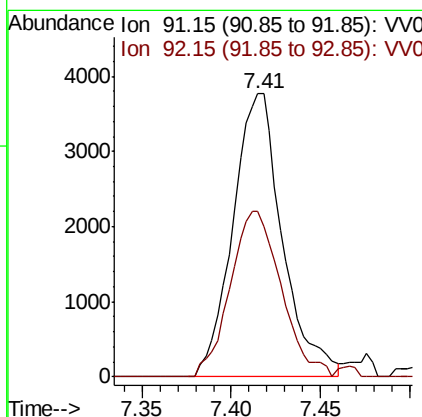
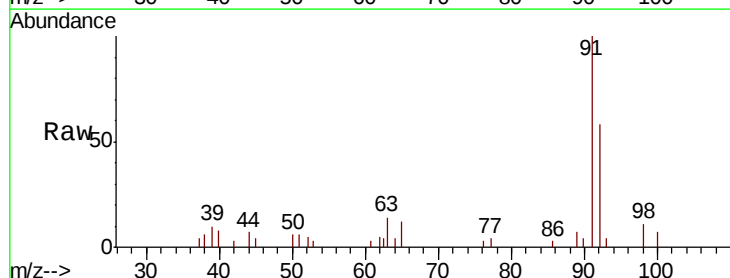
Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX5

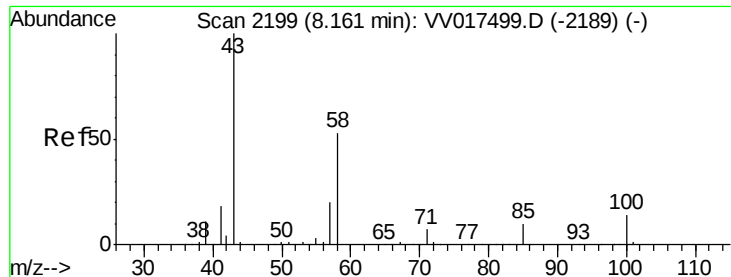
Tot Ion: 63 Resp: 5844
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.4 6.6#



#42
 Toluene
 Concen: 0.178 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV017502.D
 Acq: 15 Jul 2020 11:20

Tgt Ion: 91 Resp: 7314
 Ion Ratio Lower Upper
 91 100
 92 58.3 40.7 75.5

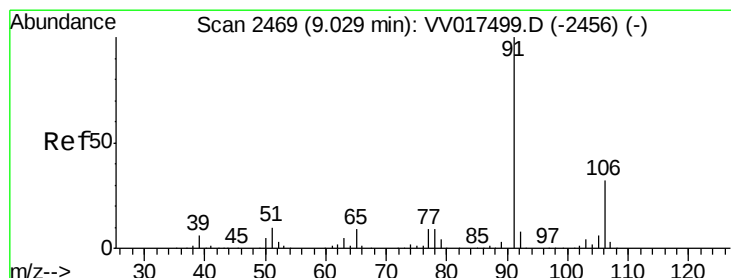
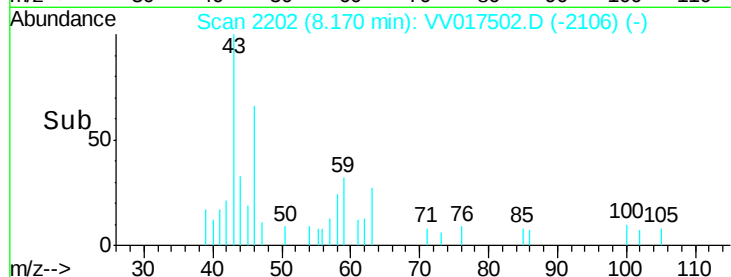
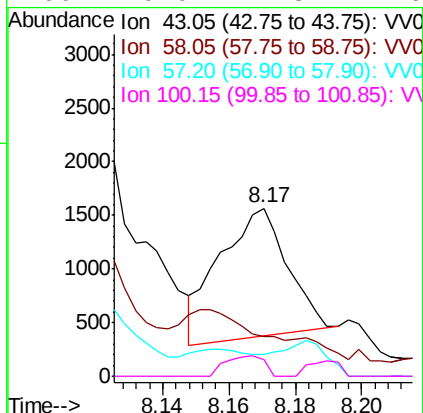
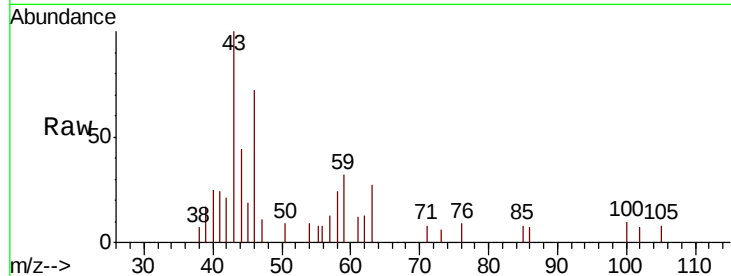




#50
2-Hexanone
Concen: 0.514 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017502.D
Acq: 15 Jul 2020 11:20

Instrument :
MSVOA_V
ClientSampled :
GAXX5

Tot Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 78.9 43.0 64.4#
57 18.1 16.8 25.2
100 9.0 11.8 17.6#



#54
Ethylbenzene
Concen: 0.159 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.01 min
Lab File: VV017502.D
Acq: 15 Jul 2020 11:20

Tgt Ion: 91 Resp: 7438
Ion Ratio Lower Upper
91 100
106 26.9 21.9 40.7

