

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017784.D
 Acq On : 31 Jul 2020 19:11
 Operator : SY/MD
 Sample : L3520-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 D0AB9

Quant Time: Aug 01 04:52:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	143264	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138810	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27872	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	25709	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.12	63	47594	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.93	46	71493	43.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	4.38	84	71560	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.06	65	41945	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.07	84	123124	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.09	67	34072	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.20%
41) Toluene-d8	7.34	98	107413	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
45) trans-1,3-Dichloropropene-	7.65	79	15020	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	8.11	63	43782	36.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23767	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	51883	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

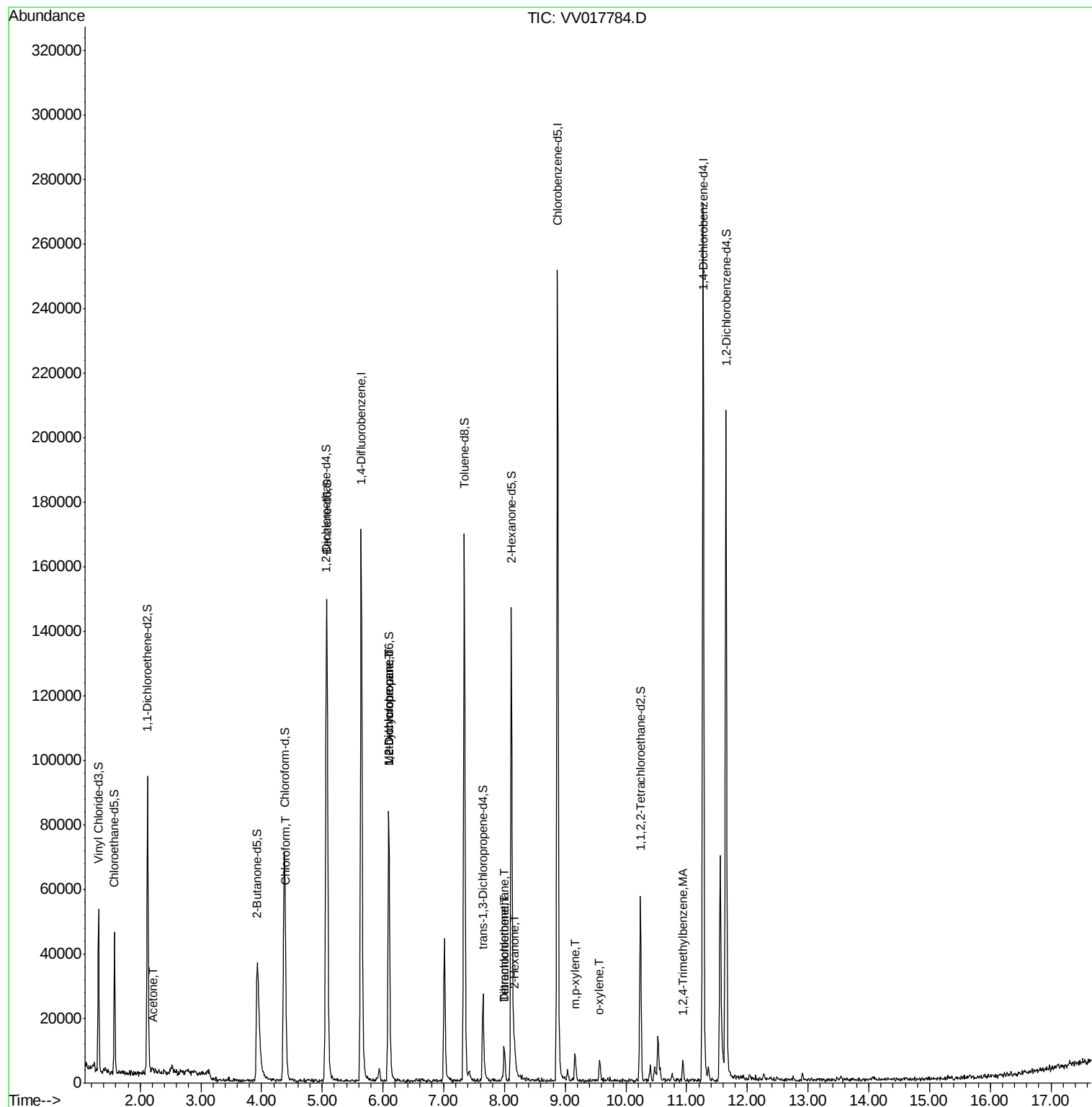
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	3018	2.356	ug/L	86
25) Chloroform	4.40	83	5167	0.260	ug/L	96
35) Methylcyclohexane	6.09	83	10365	0.624	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	4888	0.529	ug/L #	83
44) 1,2,4-Trimethylbenzene	10.94	105	3346	0.082	ug/L	98
49) Tetrachloroethene	8.00	164	2203	0.228	ug/L	96
50) 2-Hexanone	8.17	43	4677	1.306	ug/L #	89
51) Dibromochloromethane	7.99	129	2459	0.276	ug/L #	9
55) m,p-xylene	9.16	106	2459	0.136	ug/L	97
56) o-xylene	9.56	106	1711	0.098	ug/L	90

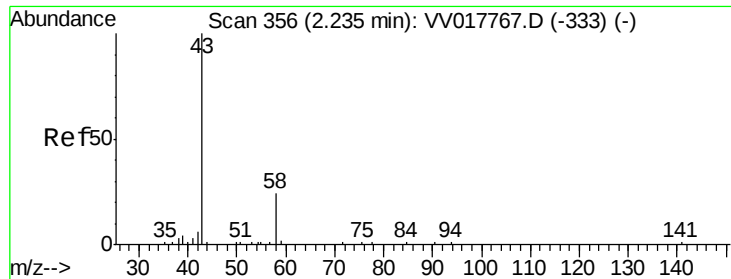
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 01 04:42:38 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.356 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV017784.D

Acq: 31 Jul 2020 19:11

Instrument :

MSVOA_V

ClientSampleId :

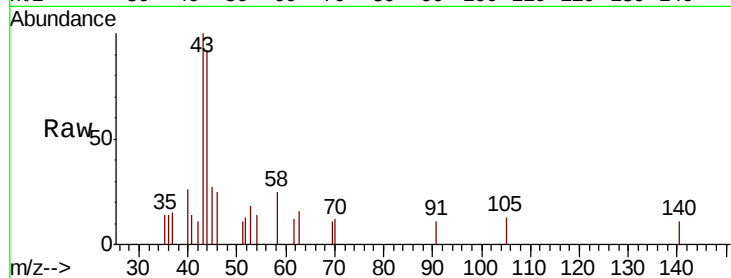
D0AB9

Tot Ion: 43 Resp: 3018

Ion Ratio Lower Upper

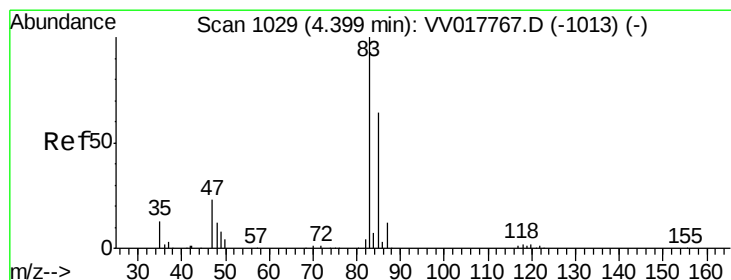
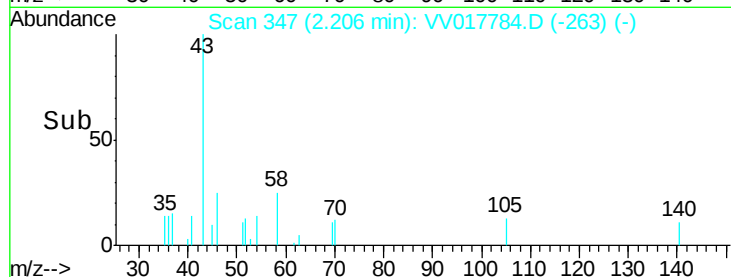
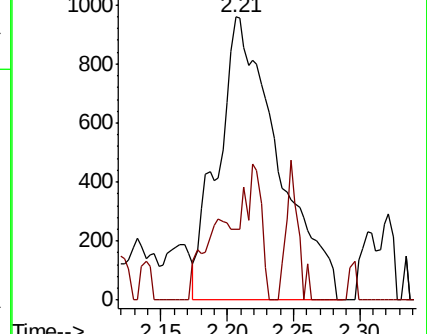
43 100

58 14.3 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.260 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017784.D

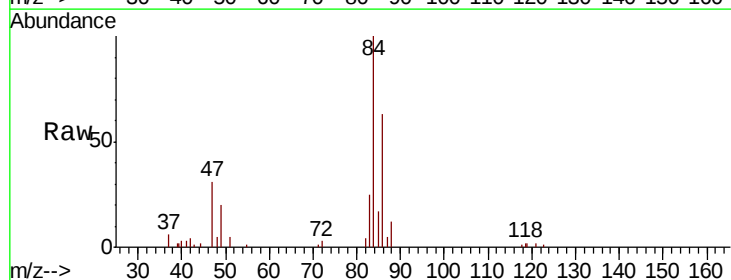
Acq: 31 Jul 2020 19:11

Tgt Ion: 83 Resp: 5167

Ion Ratio Lower Upper

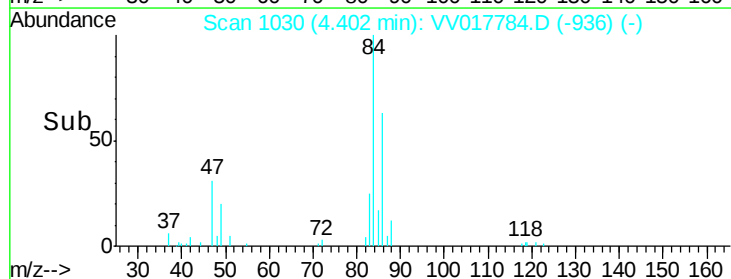
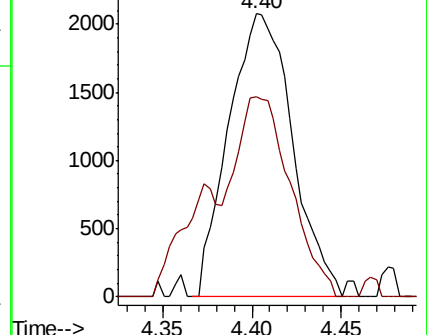
83 100

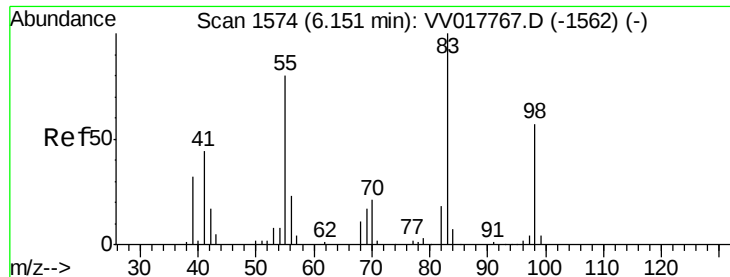
85 70.7 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

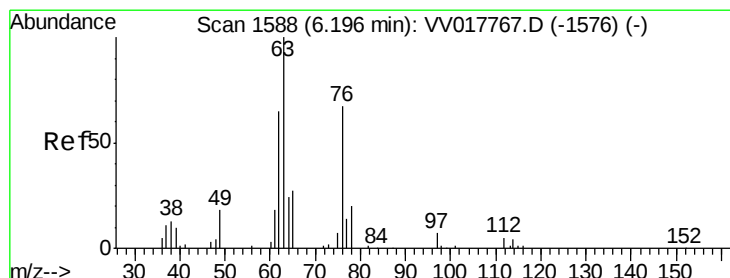
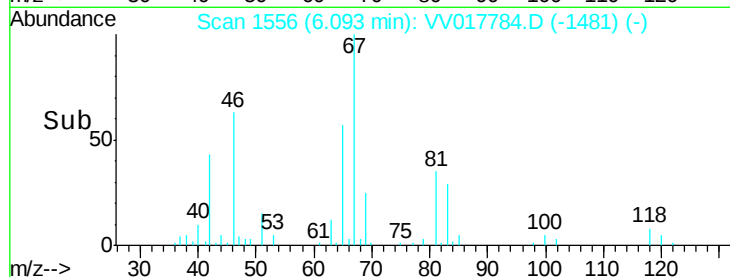
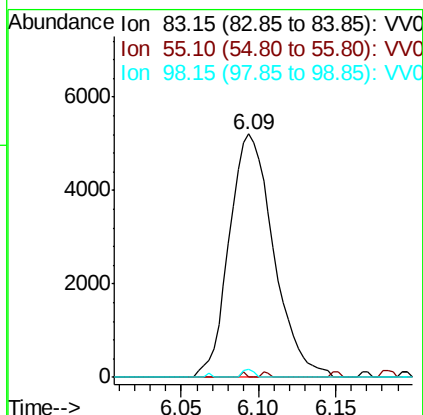
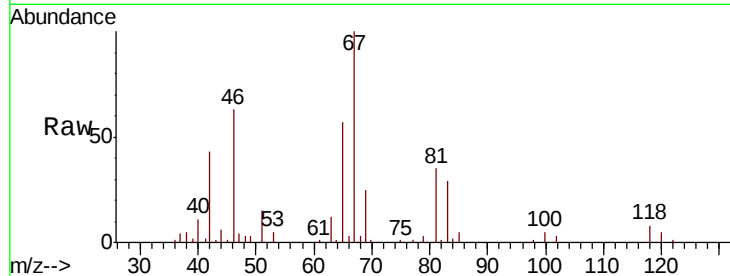




#35
Methvlcvclohexane
Concen: 0.624 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017784.D
Acq: 31 Jul 2020 19:11

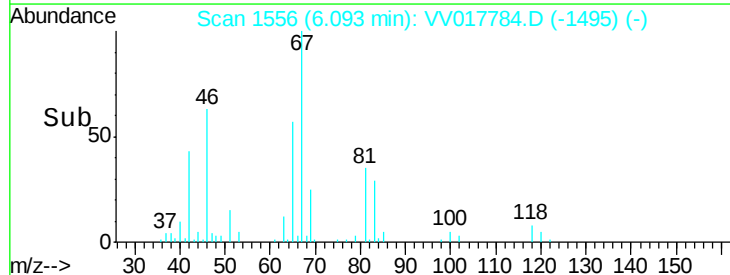
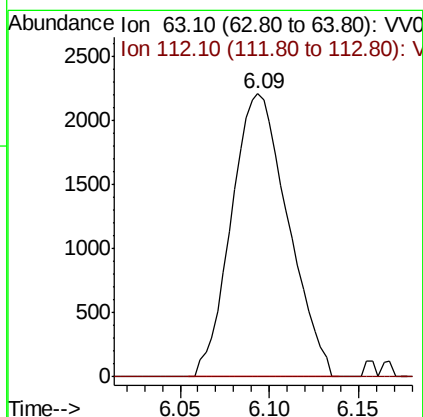
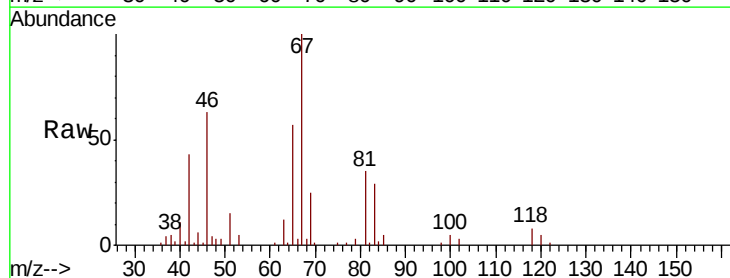
Instrument :
MSVOA_V
ClientSampleId :
D0AB9

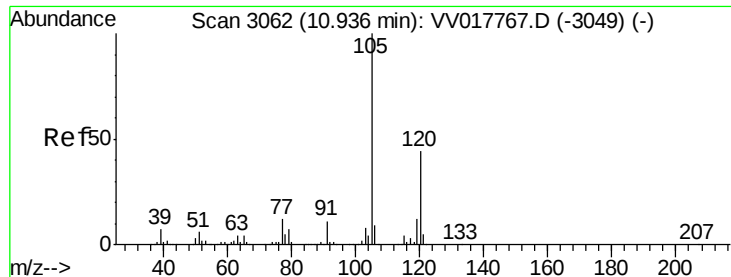
Tot Ion: 83 Resp: 10365
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 0.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017784.D
Acq: 31 Jul 2020 19:11

Tgt Ion: 63 Resp: 4888
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#

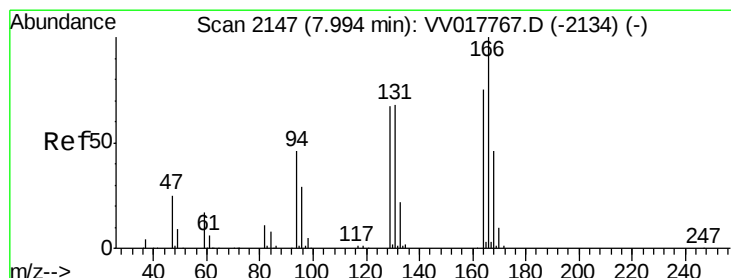
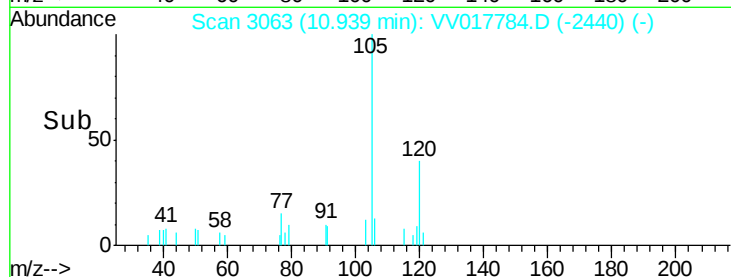
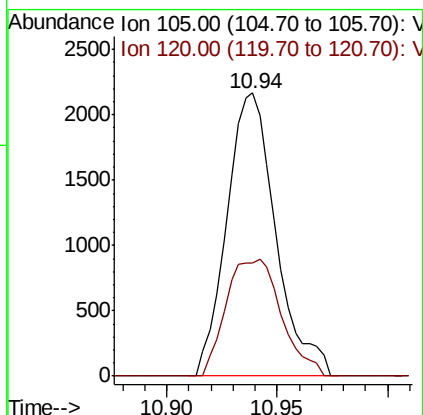
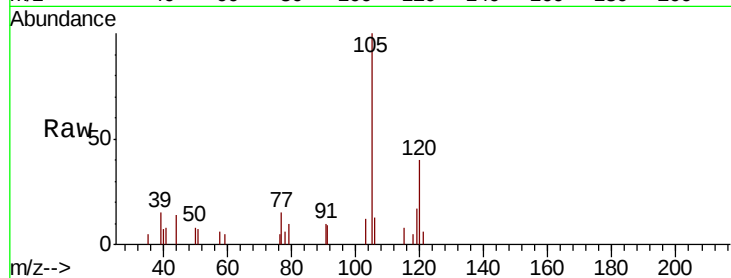




#44
1,2,4-Trimethylbenzene
Concen: 0.082 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VV017784.D
Acq: 31 Jul 2020 19:11

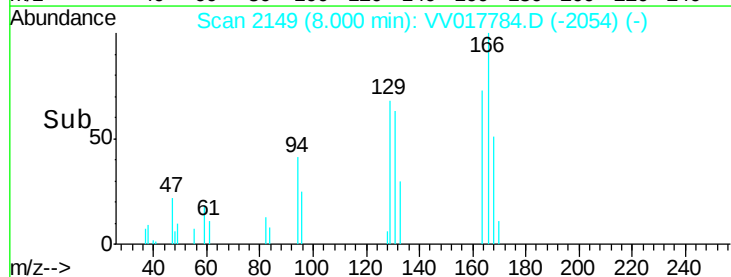
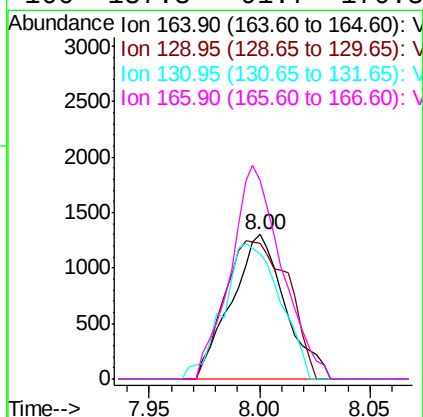
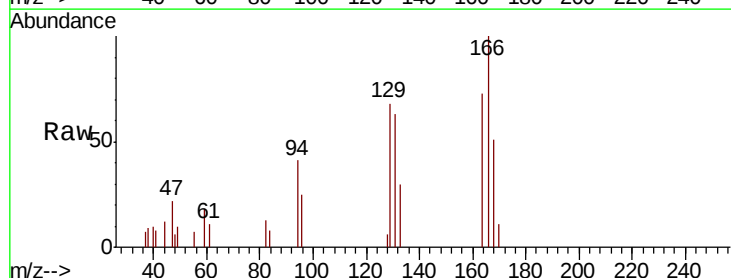
Instrument :
MSVOA_V
ClientSampleId :
D0AB9

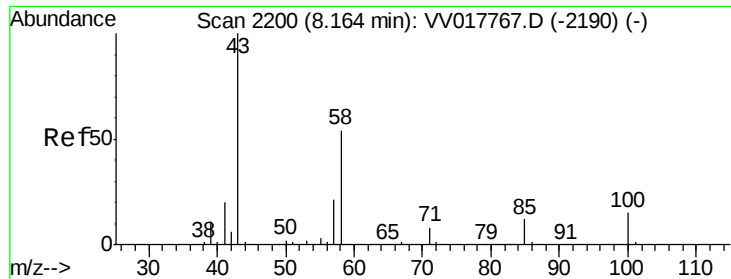
Tot Ion:105 Resp: 3346
Ion Ratio Lower Upper
105 100
120 46.3 35.9 53.9



#49
Tetrachloroethene
Concen: 0.228 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV017784.D
Acq: 31 Jul 2020 19:11

Tgt Ion:164 Resp: 2203
Ion Ratio Lower Upper
164 100
129 93.6 65.0 120.8
131 87.0 63.6 118.2
166 137.3 91.7 170.3

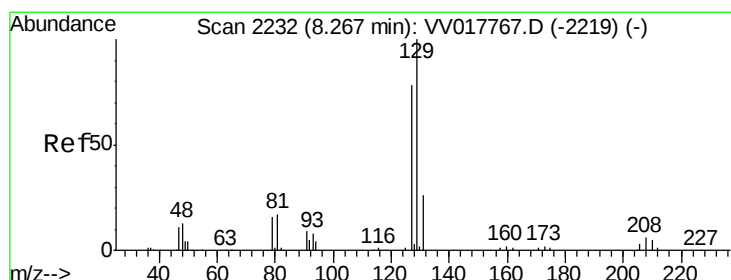
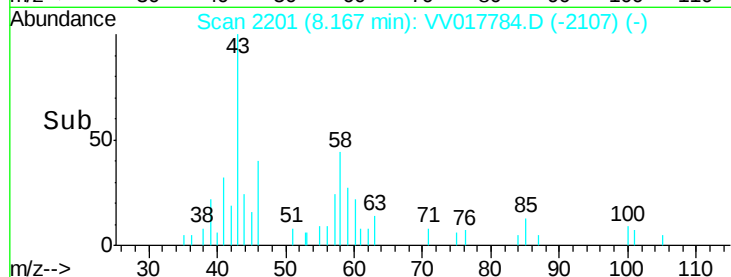
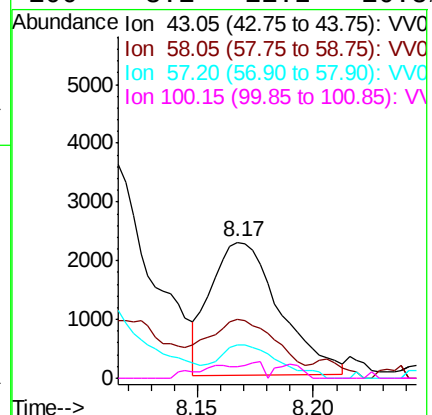
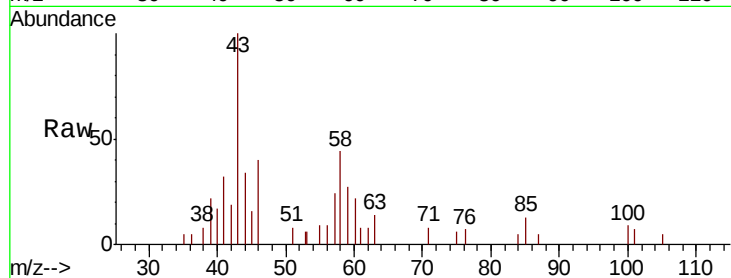




#50
2-Hexanone
Concen: 1.306 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017784.D
Acq: 31 Jul 2020 19:11

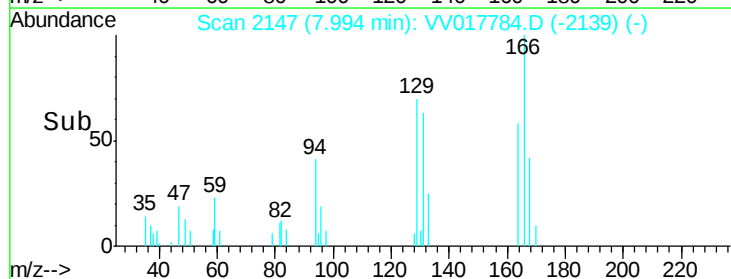
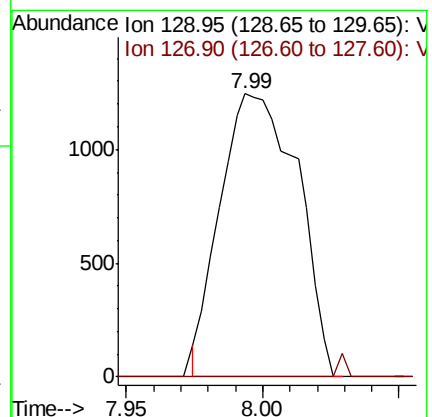
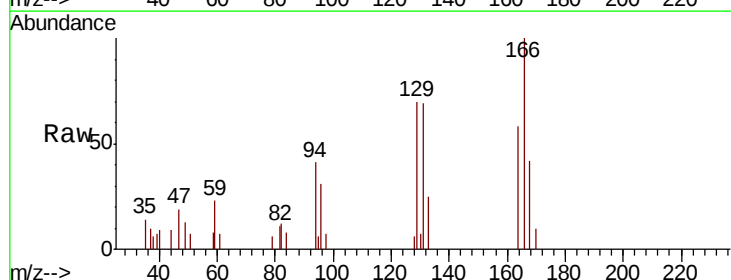
Instrument :
MSVOA_V
ClientSampleId :
D0AB9

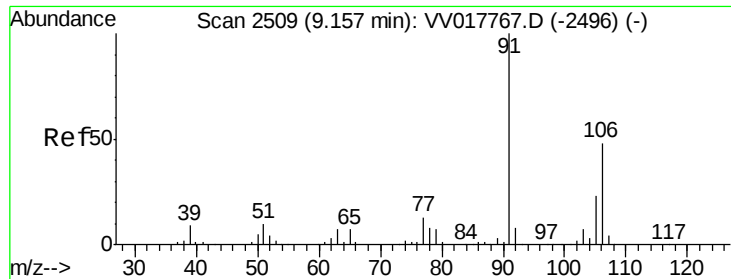
Tot Ion: 43 Resp: 4677
Ion Ratio Lower Upper
43 100
58 45.7 41.6 62.4
57 21.9 15.4 23.0
100 3.1 11.2 16.8#



#51
Dibromochloromethane
Concen: 0.276 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV017784.D
Acq: 31 Jul 2020 19:11

Tgt Ion: 129 Resp: 2459
Ion Ratio Lower Upper
129 100
127 0.0 56.3 104.5#





#55

m,p-xylene

Concen: 0.136 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV017784.D

Acq: 31 Jul 2020 19:11

Instrument :

MSVOA_V

ClientSampled :

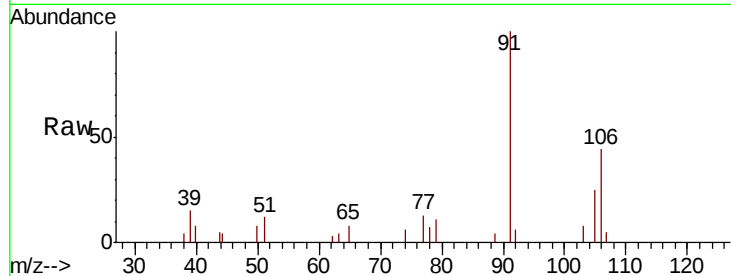
D0AB9

Tot Ion:106 Resp: 2459

Ion Ratio Lower Upper

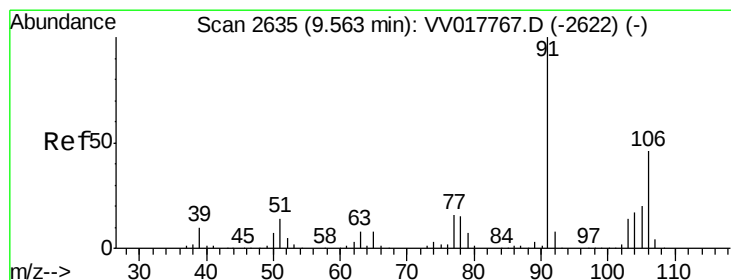
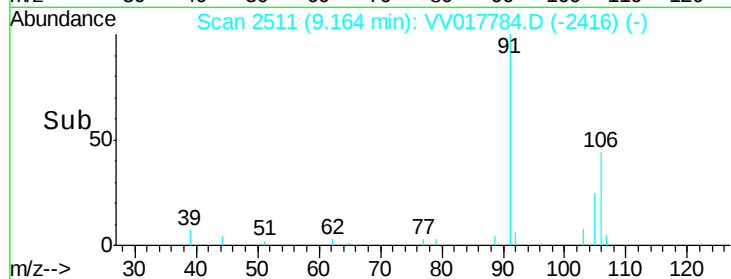
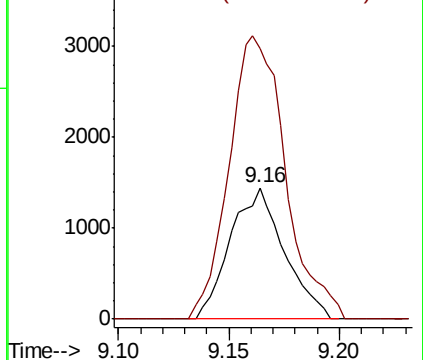
106 100

91 206.2 141.3 262.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.098 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV017784.D

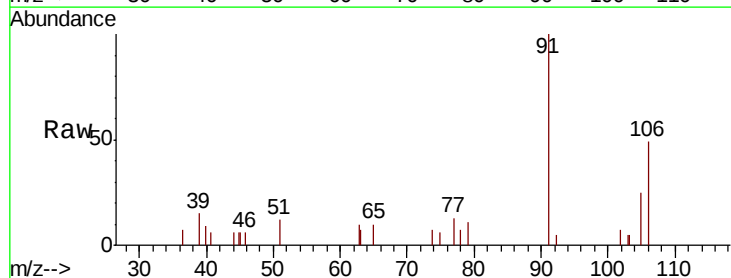
Acq: 31 Jul 2020 19:11

Tgt Ion:106 Resp: 1711

Ion Ratio Lower Upper

106 100

91 204.4 153.9 285.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

