

Data File : VV012599.D
Acq On : 06 Sep 2019 15:58
Operator : SY/MD
Sample : VV0906WBL02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK50

Quant Time: Sep 07 01:08:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62029	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70529	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	69039	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	116864	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.97	46	161870	52.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	4.40	84	114676	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	64476	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.09	84	210112	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	69872	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	164458	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	21418	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	84647	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46688	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	54170	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

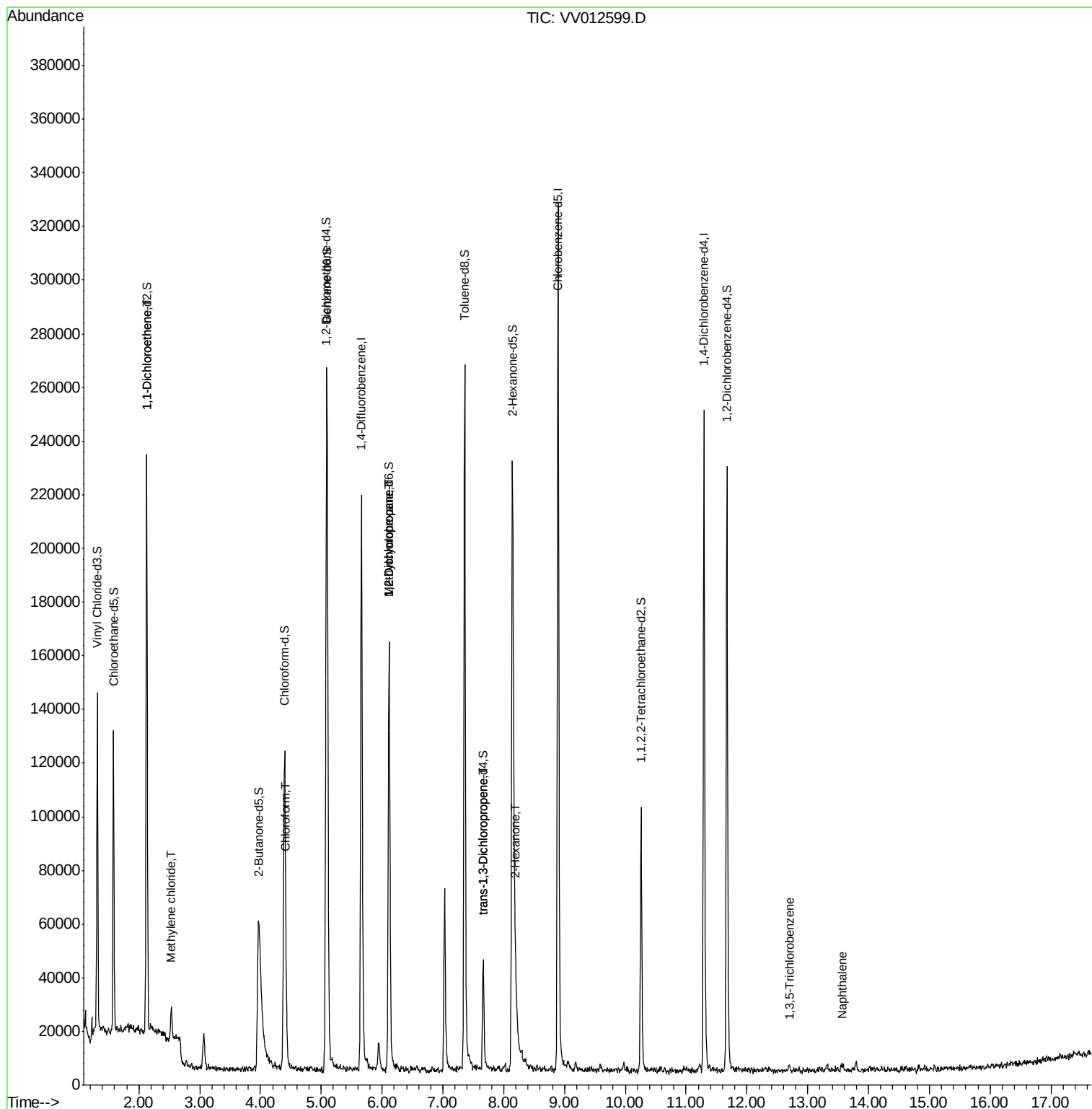
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	1464	0.073	ug/L #	1
16) Methylene chloride	2.53	84	5534	0.238	ug/L	95
25) Chloroform	4.42	83	5601	0.168	ug/L	87
35) Methylcyclohexane	6.12	83	16982	0.672	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8242	0.517	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1270	0.079	ug/L	92
48) 2-Hexanone	8.20	43	16379	2.444	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.70	180	813	0.051	ug/L #	84
69) Naphthalene	13.56	128	2080	0.125	ug/L #	84

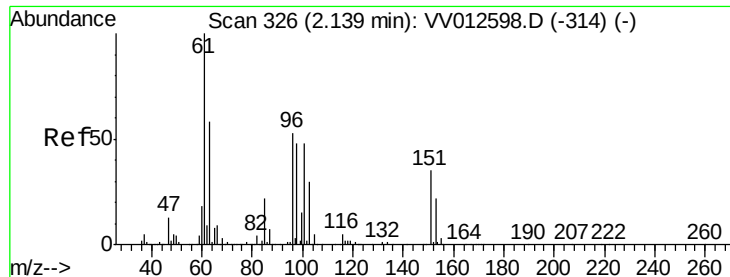
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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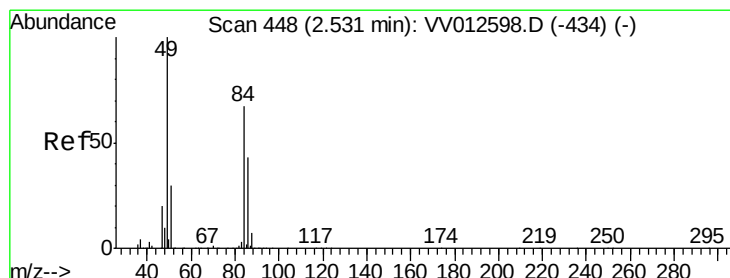
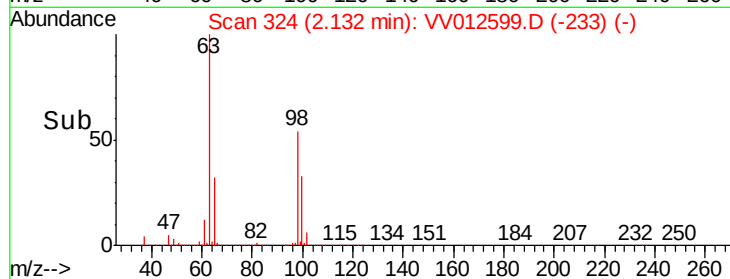
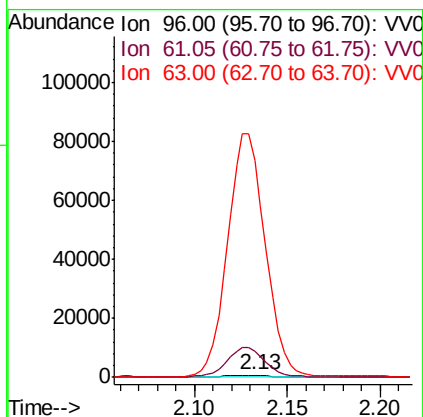
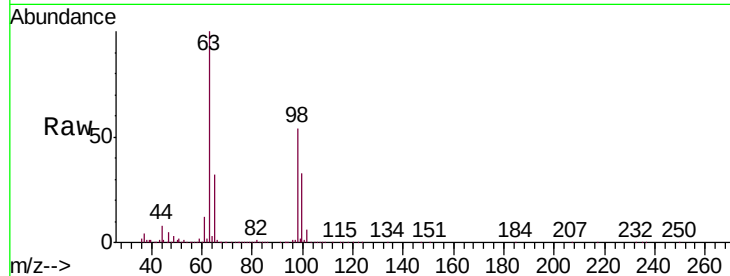




#12
 1,1-Dichloroethene
 Concen: 0.073 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012599.D
 Acq: 06 Sep 2019 15:58

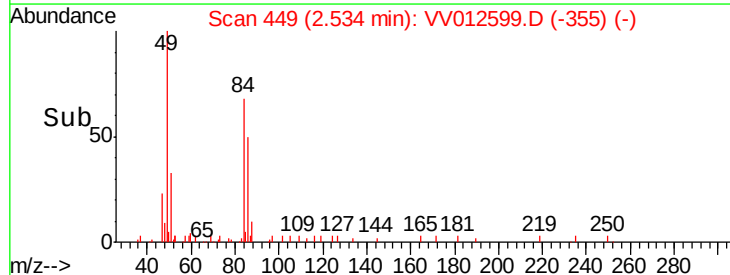
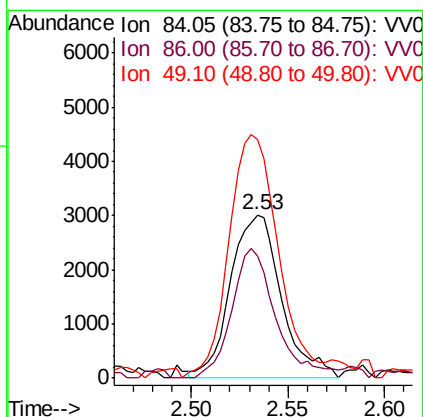
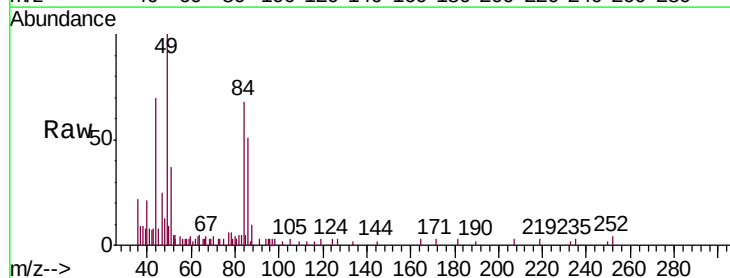
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK50

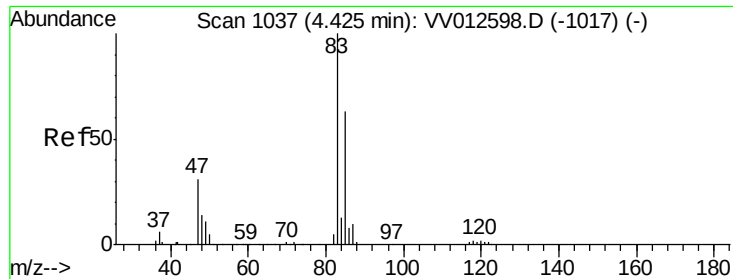
Tgt Ion: 96 Resp: 1464
 Ion Ratio Lower Upper
 96 100
 61 1369.5 132.7 246.5#
 63 11231.9 84.1 156.1#



#16
 Methylene chloride
 Concen: 0.238 ug/L
 RT: 2.53 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: VV012599.D
 Acq: 06 Sep 2019 15:58

Tgt Ion: 84 Resp: 5534
 Ion Ratio Lower Upper
 84 100
 86 74.6 43.6 81.0
 49 146.3 103.0 191.2





#25

Chloroform

Concen: 0.168 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012599.D

Acq: 06 Sep 2019 15:58

Instrument :

MSVOA_V

ClientSampleId :

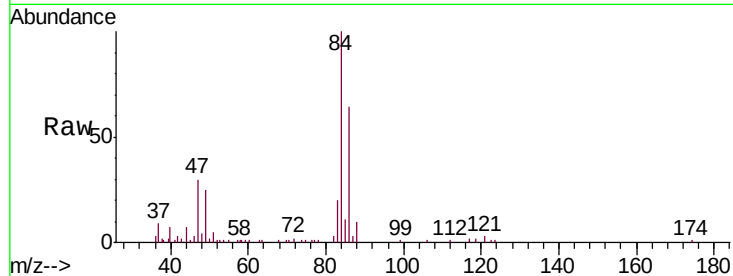
VBLK50

Tgt Ion: 83 Resp: 5601

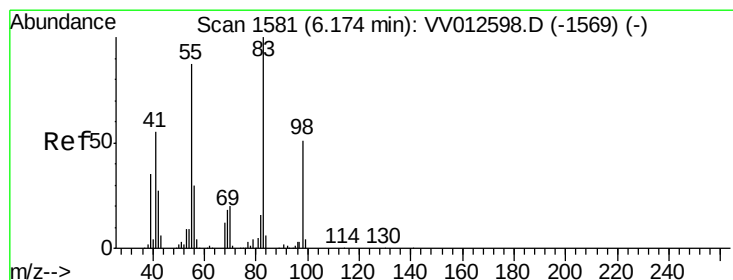
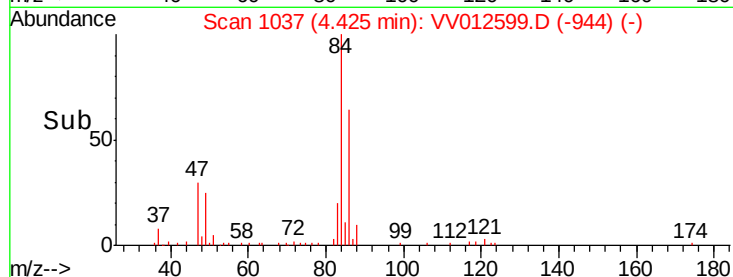
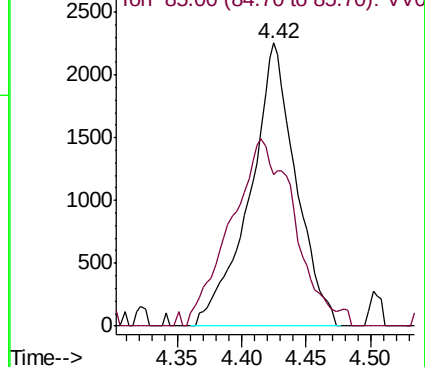
Ion Ratio Lower Upper

83 100

85 53.4 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV012598.D (-1017) (-)



#35

Methylcyclohexane

Concen: 0.672 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012599.D

Acq: 06 Sep 2019 15:58

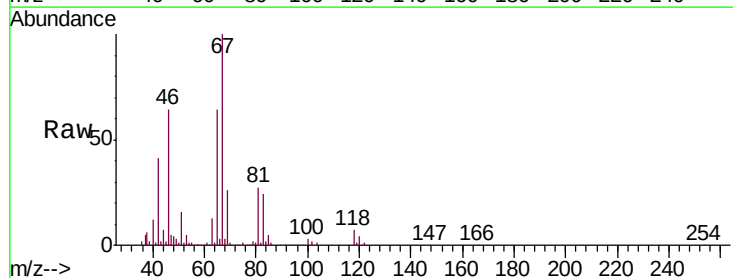
Tgt Ion: 83 Resp: 16982

Ion Ratio Lower Upper

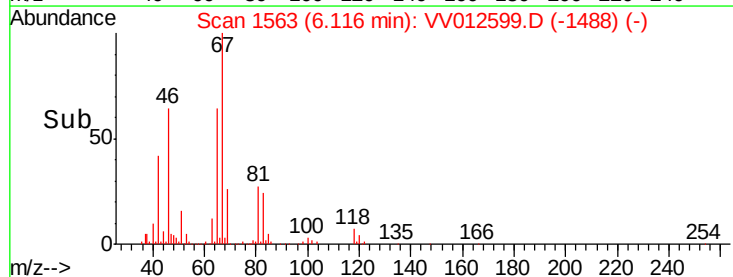
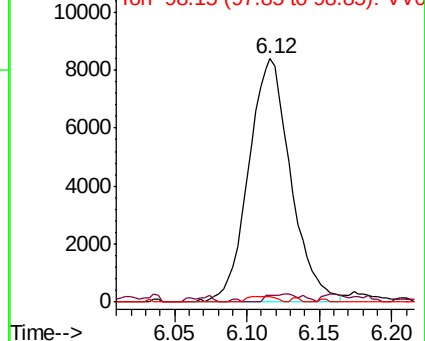
83 100

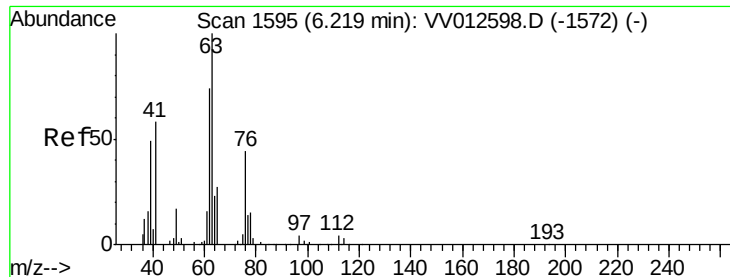
55 2.7 69.0 103.6#

98 1.4 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV012598.D (-1569) (-)

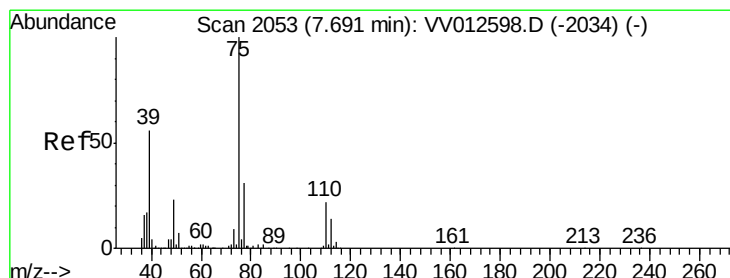
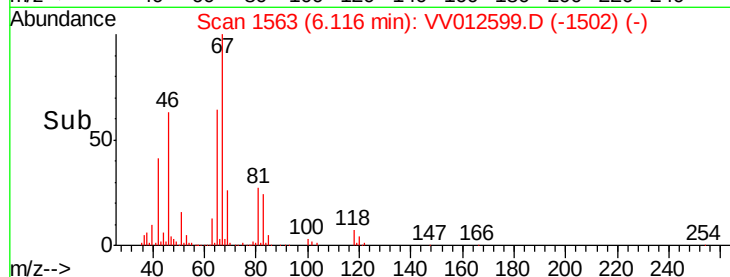
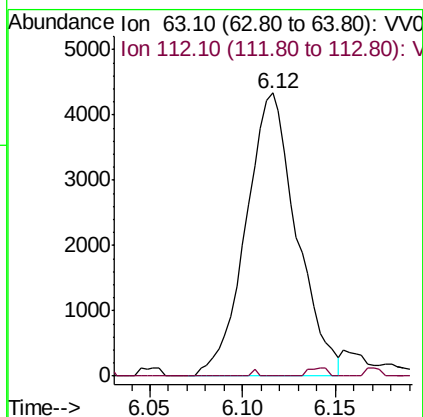
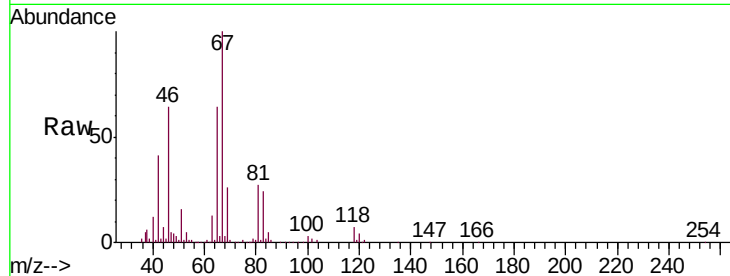




#37
 1,2-Dichloropropane
 Concen: 0.517 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012599.D
 Acq: 06 Sep 2019 15:58

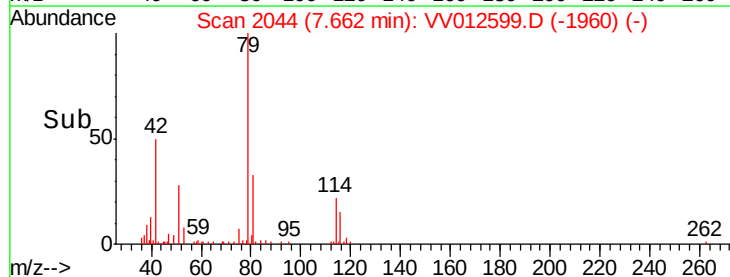
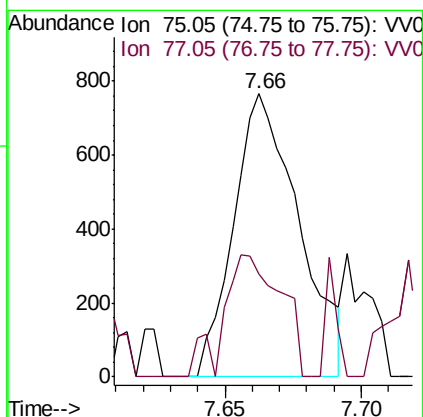
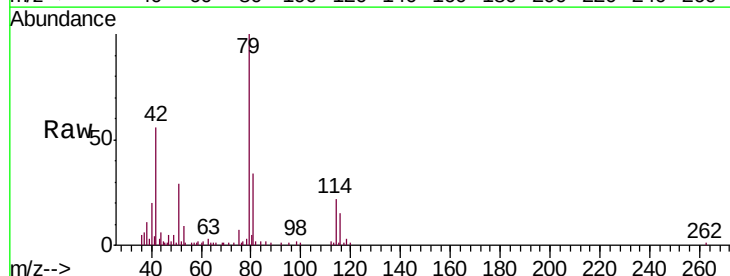
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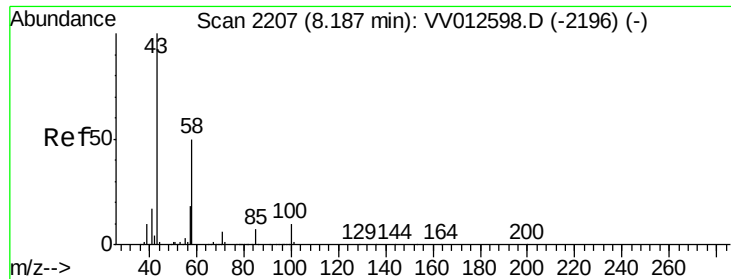
Tgt Ion: 63 Resp: 8242
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.9 5.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012599.D
 Acq: 06 Sep 2019 15:58

Tgt Ion: 75 Resp: 1270
 Ion Ratio Lower Upper
 75 100
 77 36.4 22.5 41.7

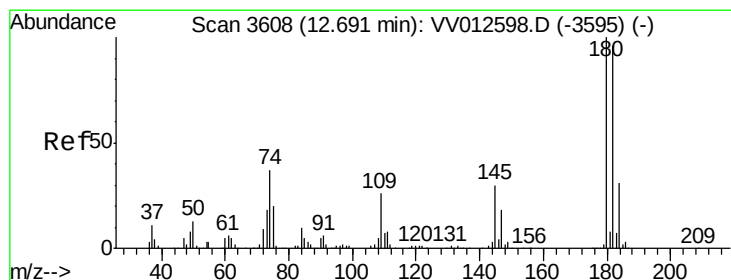
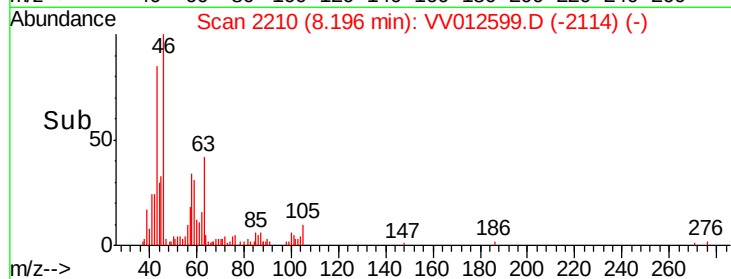
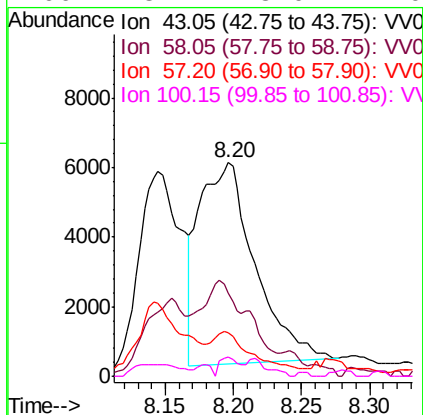
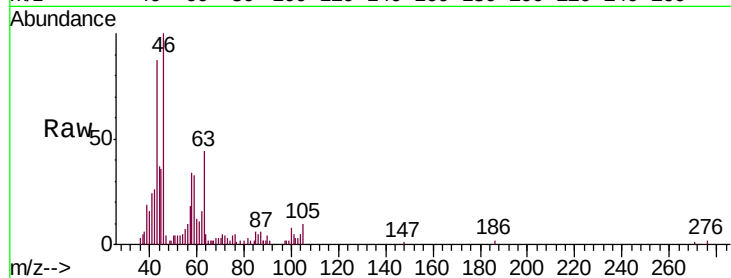




#48
 2-Hexanone
 Concen: 2.444 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VV012599.D
 Acq: 06 Sep 2019 15:58

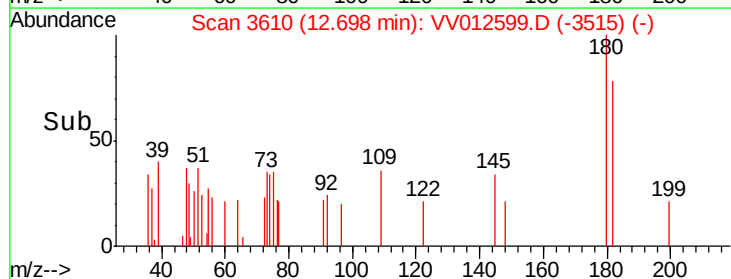
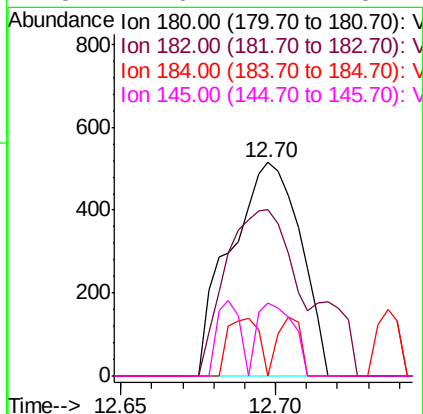
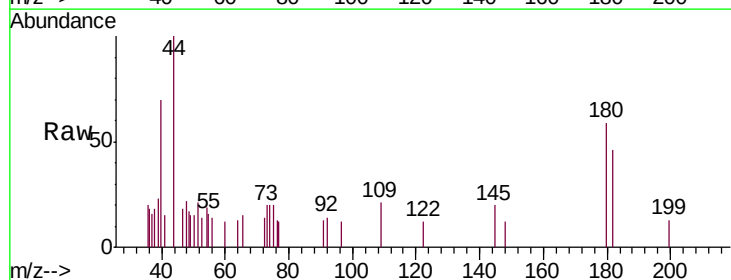
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK50

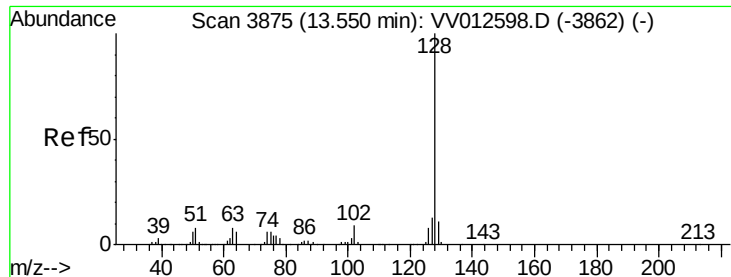
Tgt Ion:	43	Resp:	16379
Ion	Ratio	Lower	Upper
43	100		
58	29.5	39.3	58.9#
57	13.1	12.9	19.3
100	3.2	8.0	12.0#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.051 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.01 min
 Lab File: VV012599.D
 Acq: 06 Sep 2019 15:58

Tgt Ion:	180	Resp:	813
Ion	Ratio	Lower	Upper
180	100		
182	90.5	76.0	114.0
184	8.9	25.3	37.9#
145	17.6	24.7	37.1#





#69

Naphthalene

Concen: 0.125 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV012599.D

Acq: 06 Sep 2019 15:58

Instrument :

MSVOA_V

ClientSampleId :

VBLK50

Tgt Ion:128 Resp: 2080

Ion Ratio Lower Upper

128 100

129 5.2 8.6 12.8#

127 7.0 11.1 16.7#

