

Data File : VV013642.D
Acq On : 15 Nov 2019 16:32
Operator : SY/MD
Sample : VV1115WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK55

Quant Time: Nov 15 23:53:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	398966	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	389909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	172770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114785	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	103284	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	154811	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.96	46	273084	47.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	4.40	84	249459	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	124093	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.09	84	499062	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.11	67	152770	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	440119	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	53698	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	207316	44.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103582	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	171026	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

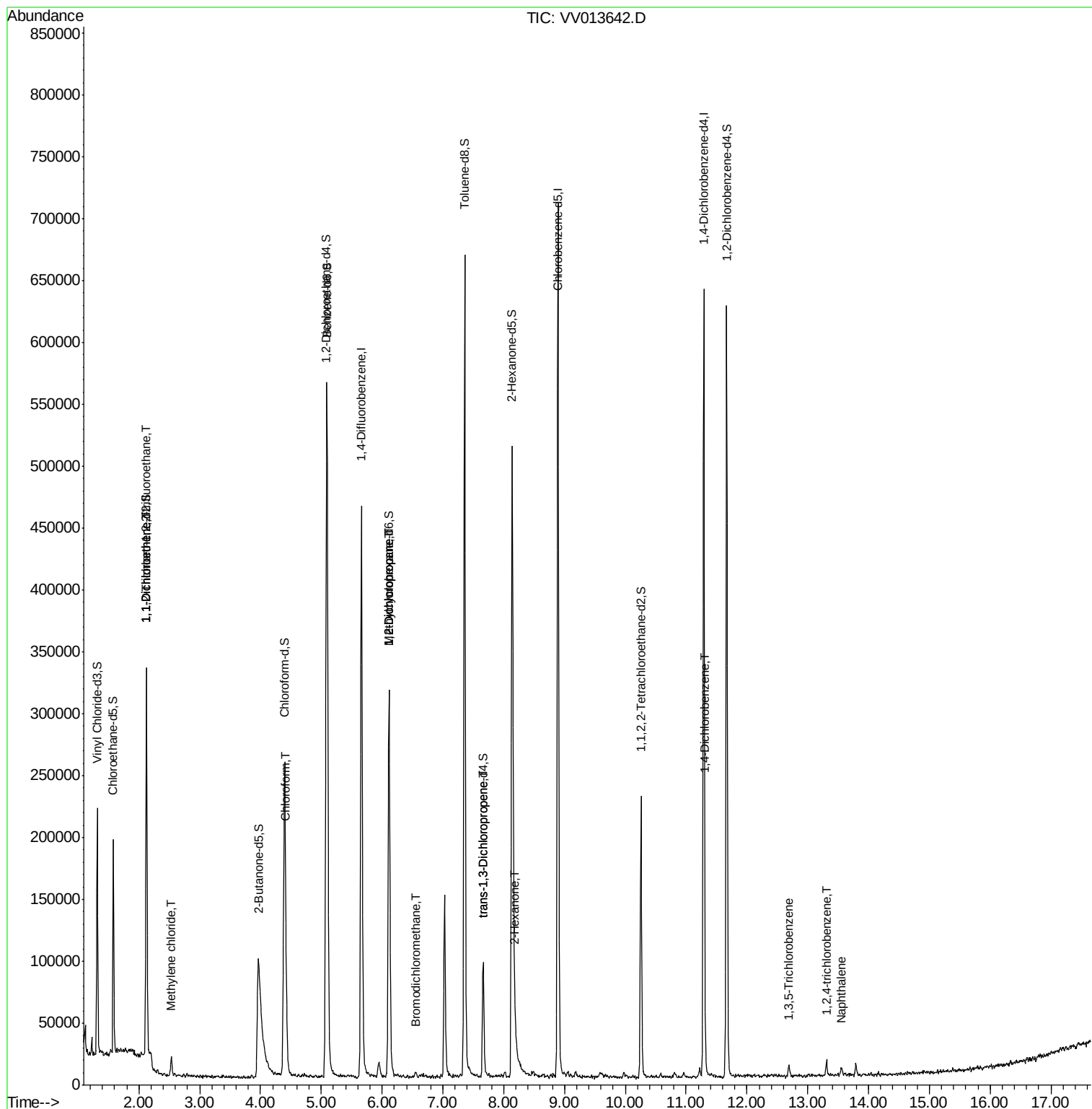
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1905	0.078	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1825	0.077	ug/L #	1
16) Methylene chloride	2.53	84	6755	0.204	ug/L	94
25) Chloroform	4.42	83	28636	0.403	ug/L	99
35) Methylcyclohexane	6.12	83	36985	0.768	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	16258	0.575	ug/L #	85
38) Bromodichloromethane	6.56	83	3069	0.078	ug/L #	82
44) trans-1,3-Dichloropropene	7.67	75	2290	0.072	ug/L	91
48) 2-Hexanone	8.19	43	9527	0.817	ug/L #	41
63) 1,4-Dichlorobenzene	11.31	146	3614	0.061	ug/L #	84
67) 1,3,5-Trichlorobenzene	12.69	180	3193	0.066	ug/L #	93
68) 1,2,4-trichlorobenzene	13.31	180	3804	0.096	ug/L #	95
69) Naphthalene	13.55	128	5164	0.096	ug/L #	94

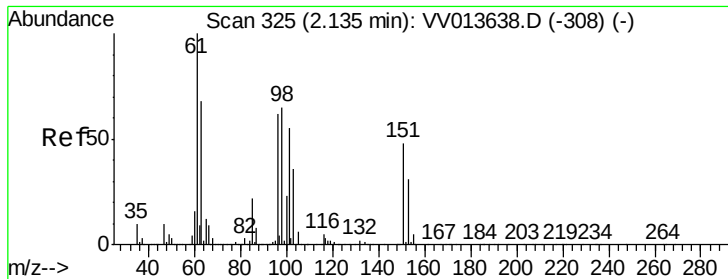
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013642.D

Acq: 15 Nov 2019 16:32

Instrument :

MSVOA_V

ClientSampleId :

VBLK55

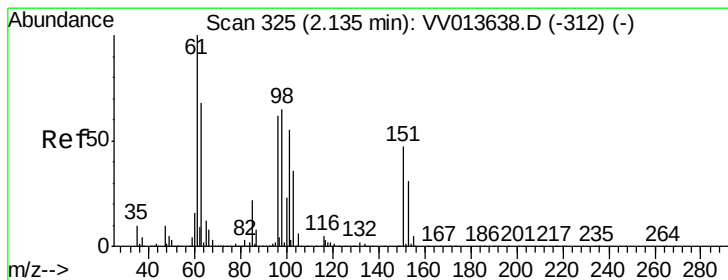
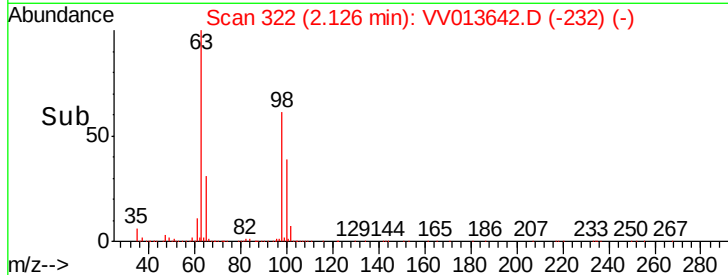
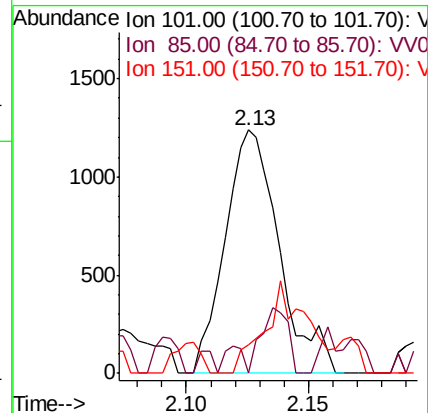
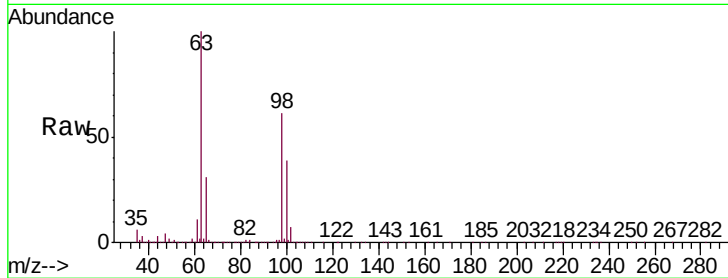
Tgt Ion: 101 Resp: 1905

Ion Ratio Lower Upper

101 100

85 3.9 32.0 48.0#

151 0.0 69.0 103.6#



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013642.D

Acq: 15 Nov 2019 16:32

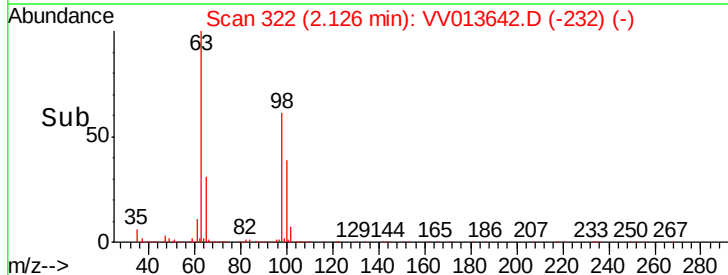
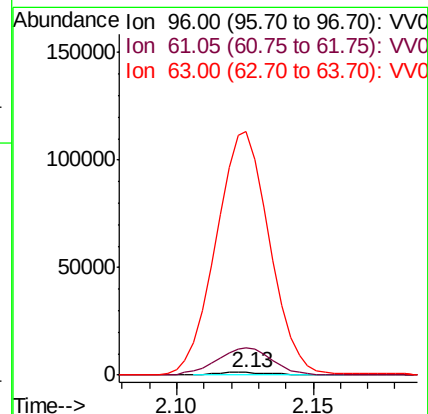
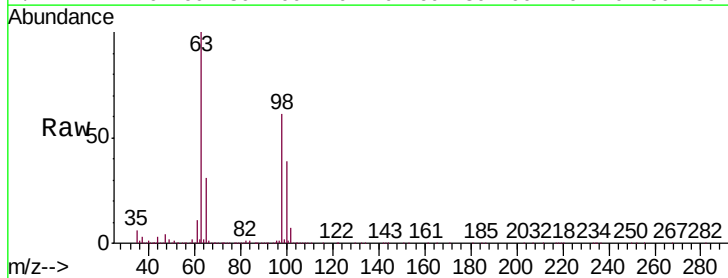
Tgt Ion: 96 Resp: 1825

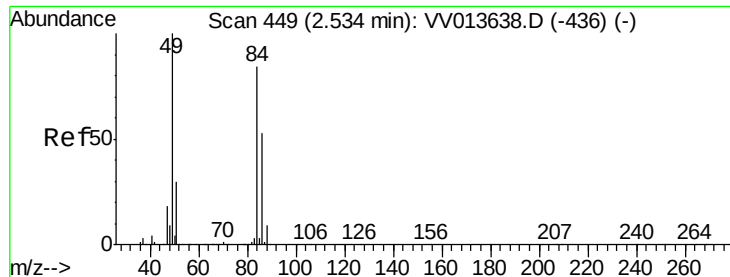
Ion Ratio Lower Upper

96 100

61 1037.6 112.5 208.9#

63 9139.6 76.9 142.7#

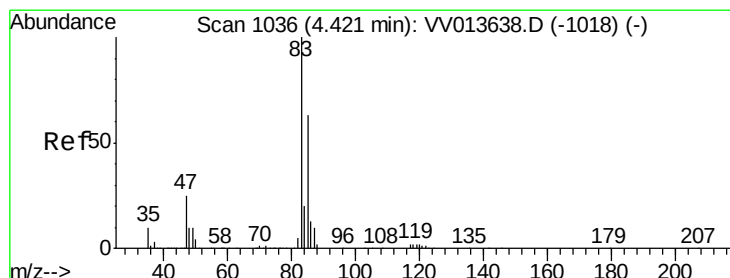
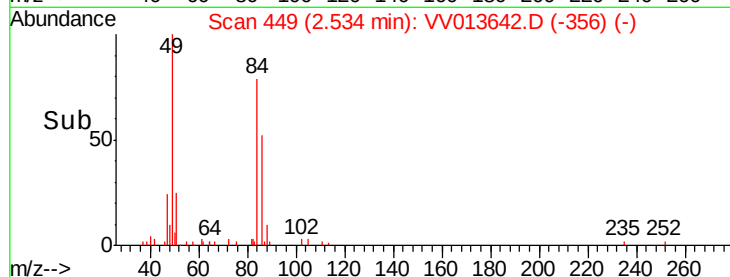
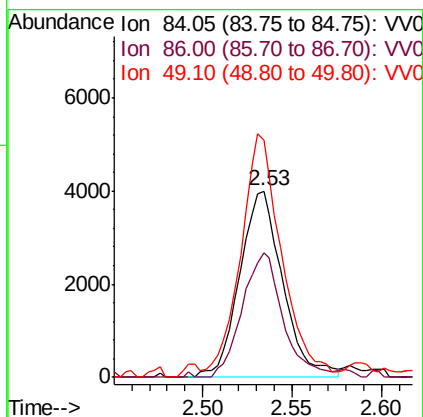
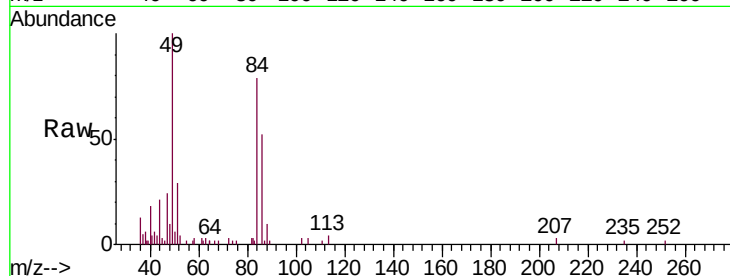




#16
Methylene chloride
Concen: 0.204 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013642.D
Acq: 15 Nov 2019 16:32

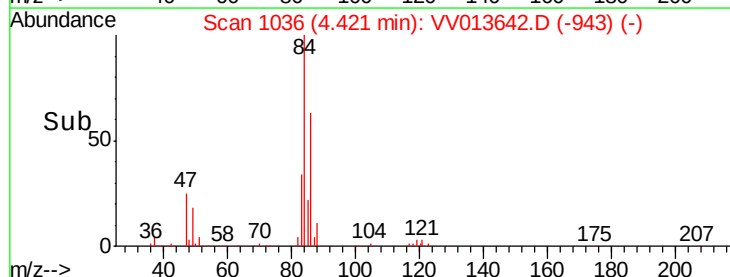
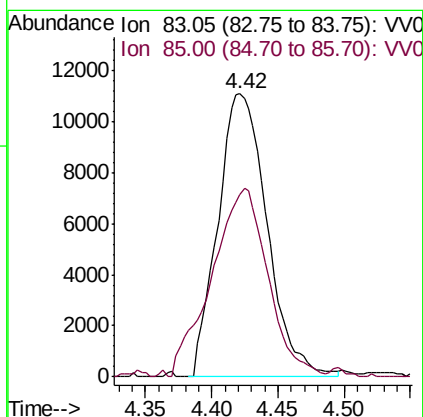
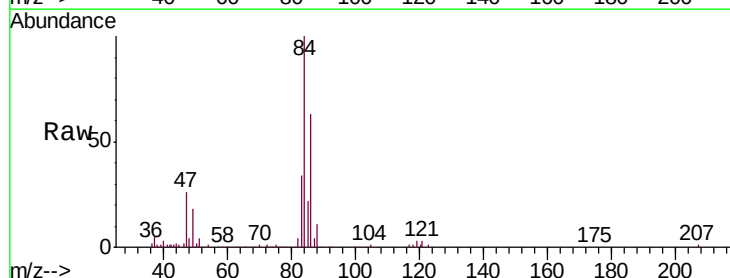
Instrument :
MSVOA_V
ClientSampleId :
VBLK55

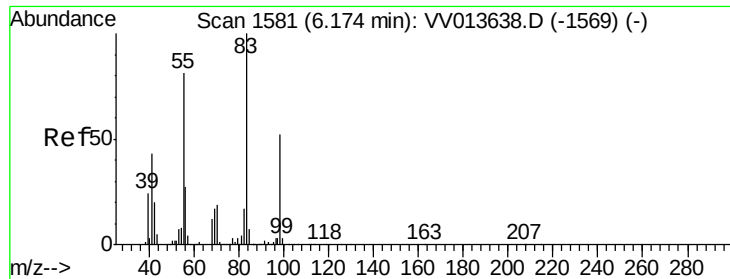
Tgt Ion: 84 Resp: 6755
Ion Ratio Lower Upper
84 100
86 66.7 44.1 81.9
49 127.2 83.4 155.0



#25
Chloroform
Concen: 0.403 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013642.D
Acq: 15 Nov 2019 16:32

Tgt Ion: 83 Resp: 28636
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.5

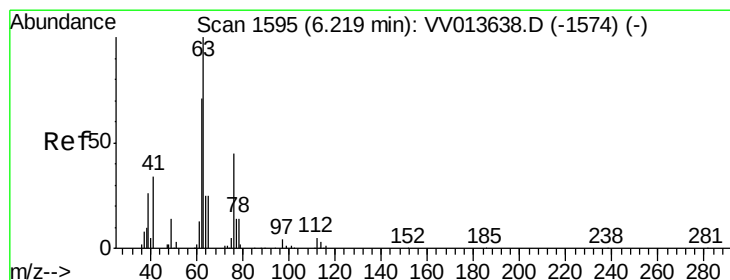
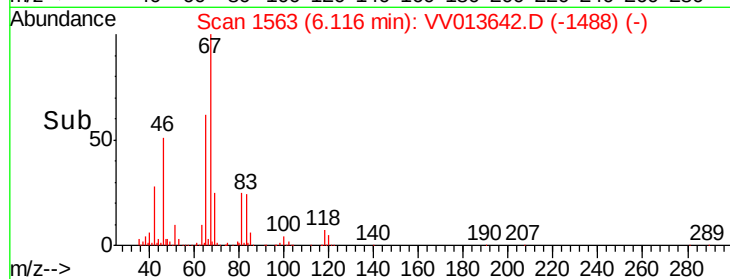
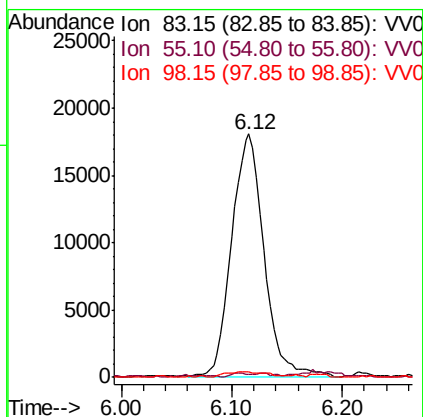
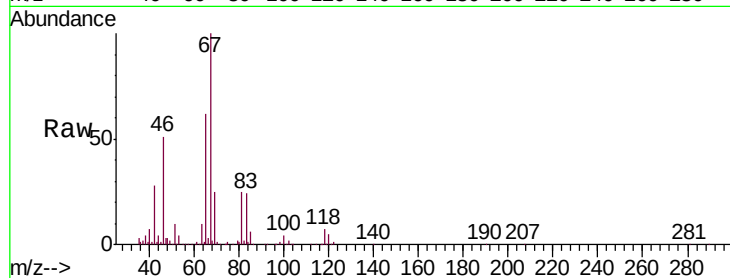




#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013642.D
Acq: 15 Nov 2019 16:32

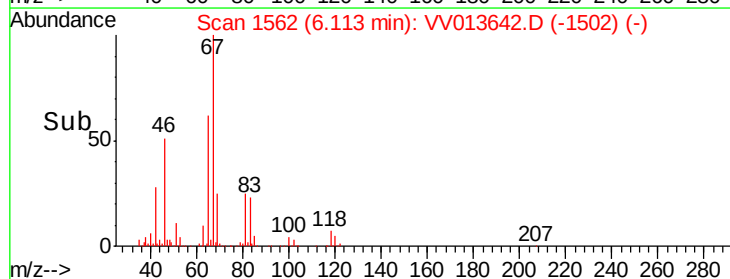
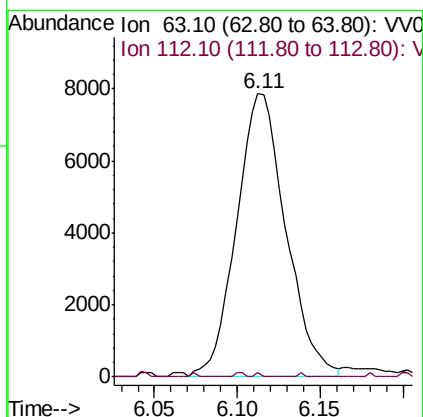
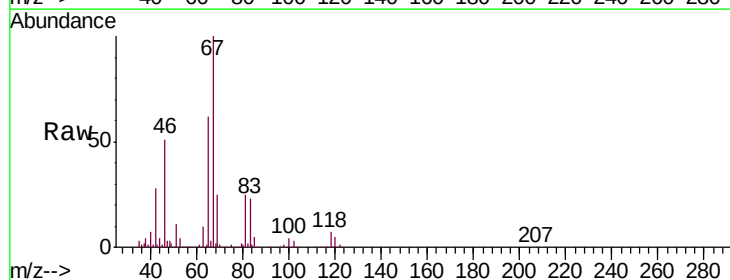
Instrument :
MSVOA_V
ClientSampleId :
VBLK55

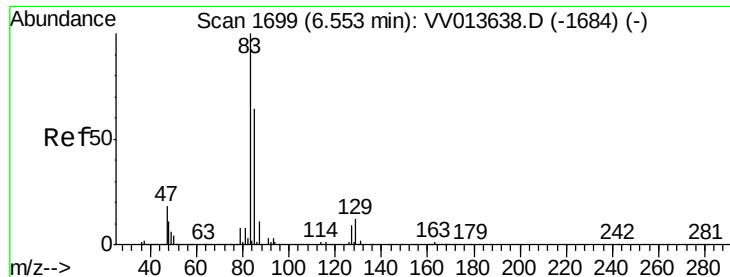
Tgt Ion: 83 Resp: 36985
Ion Ratio Lower Upper
83 100
55 0.9 64.1 96.1#
98 0.6 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV013642.D
Acq: 15 Nov 2019 16:32

Tgt Ion: 63 Resp: 16258
Ion Ratio Lower Upper
63 100
112 0.1 4.1 6.1#





#38

Bromodichloromethane

Concen: 0.078 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV013642.D

Acq: 15 Nov 2019 16:32

Instrument :

MSVOA_V

ClientSampleId :

VBLK55

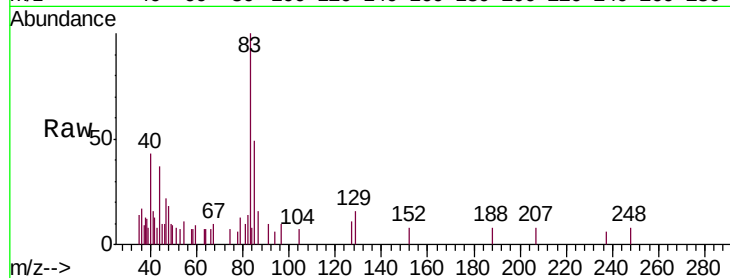
Tgt Ion: 83 Resp: 3069

Ion Ratio Lower Upper

83 100

85 49.0 44.9 83.5

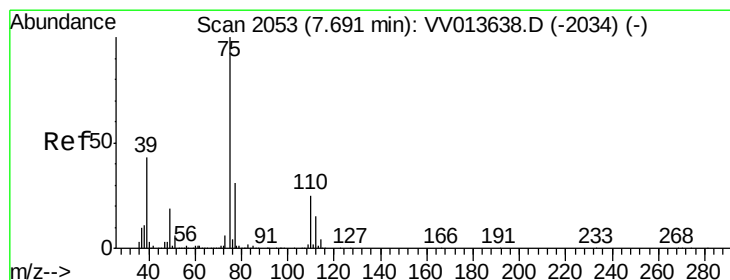
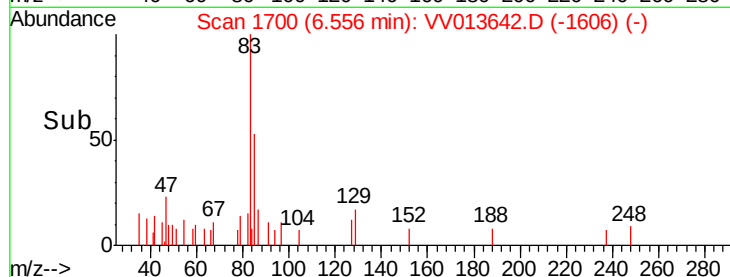
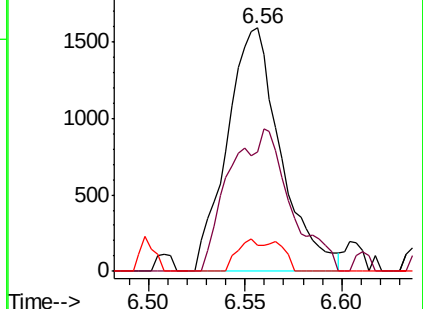
127 10.9 7.0 10.6#



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV013642.D

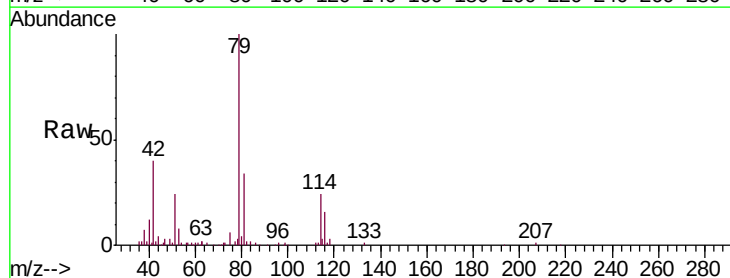
Acq: 15 Nov 2019 16:32

Tgt Ion: 75 Resp: 2290

Ion Ratio Lower Upper

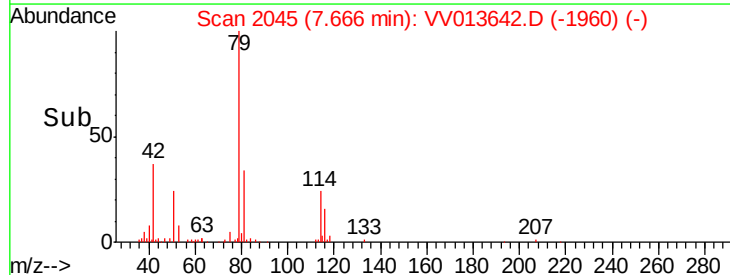
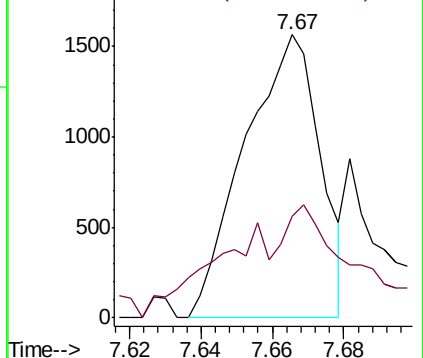
75 100

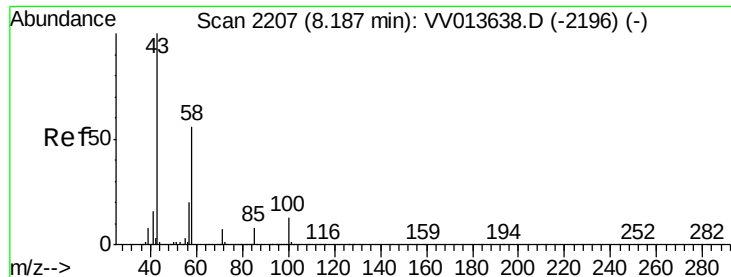
77 35.9 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

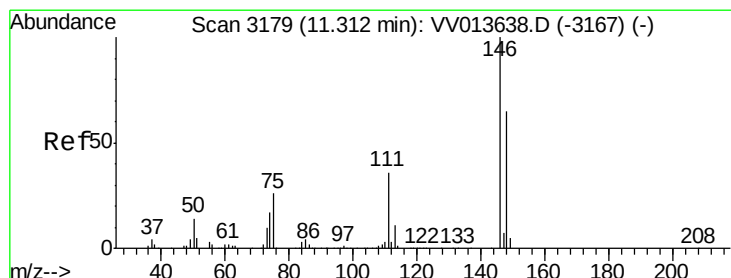
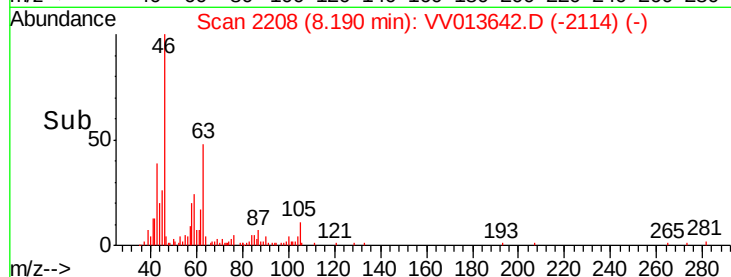
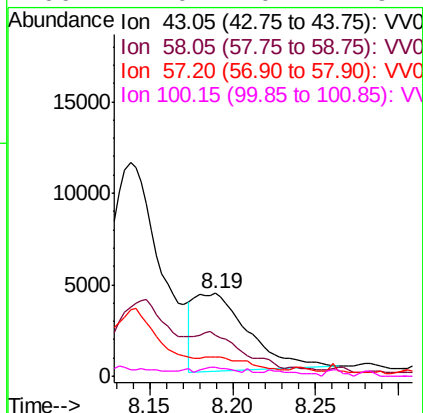
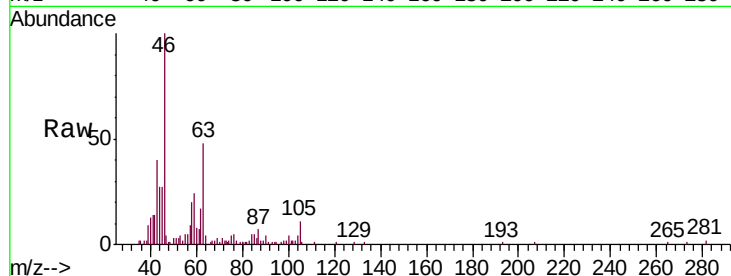




#48
2-Hexanone
Concen: 0.817 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV013642.D
Acq: 15 Nov 2019 16:32

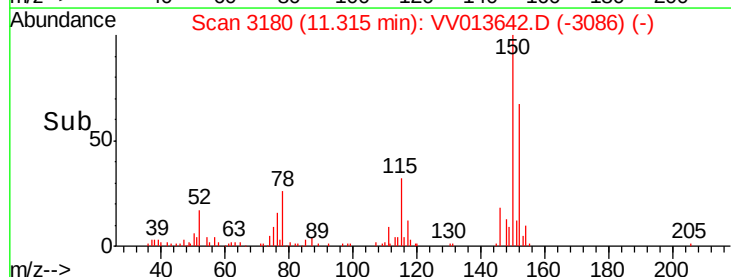
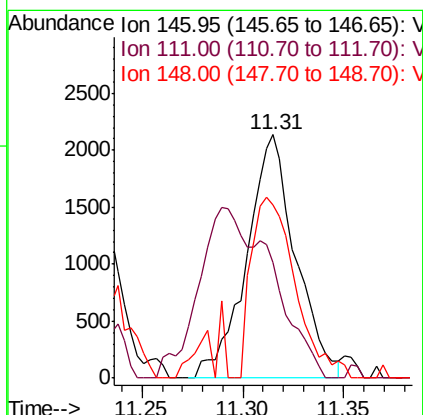
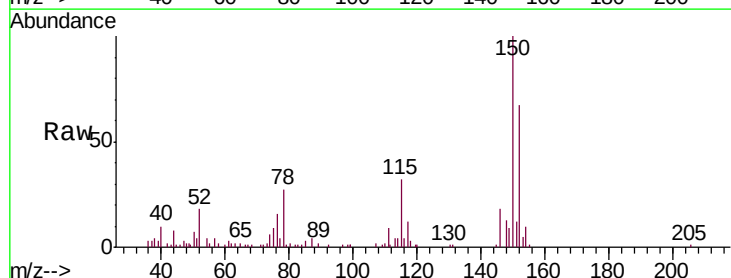
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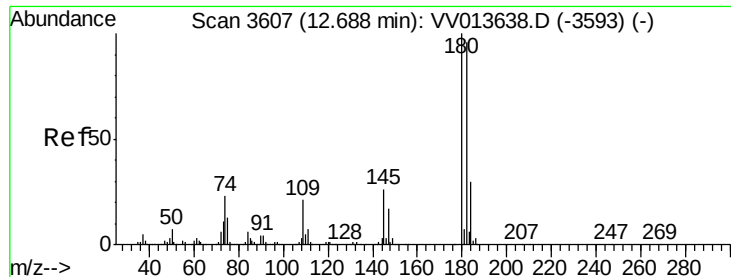
Tgt Ion:	43	Resp:	9527
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.0	64.6#
57	0.0	15.4	23.2#
100	7.0	10.1	15.1#



#63
1,4-Dichlorobenzene
Concen: 0.061 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013642.D
Acq: 15 Nov 2019 16:32

Tgt Ion:	146	Resp:	3614
Ion	Ratio	Lower	Upper
146	100		
111	55.5	25.6	47.6#
148	70.9	45.6	84.8

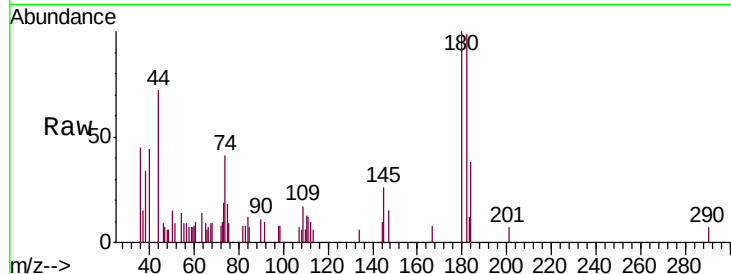




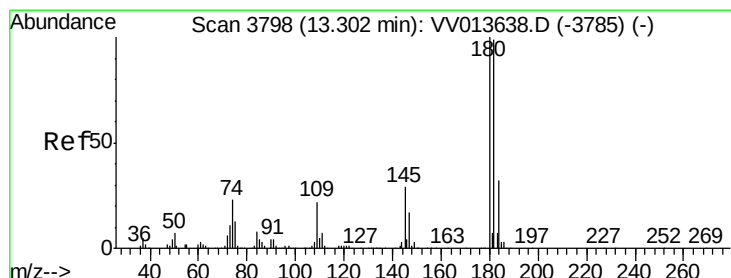
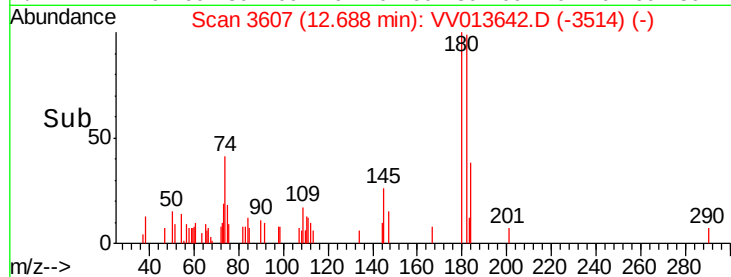
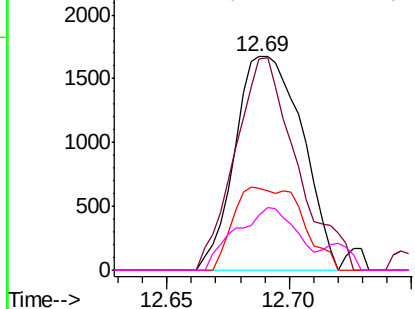
#67
 1,3,5-Trichlorobenzene
 Concen: 0.066 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VV013642.D
 Acq: 15 Nov 2019 16:32

Instrument :
 MSVOA_V
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Tgt Ion:180 Resp: 3193
 Ion Ratio Lower Upper
 180 100
 182 91.3 77.0 115.6
 184 39.7 24.4 36.6#
 145 26.9 21.5 32.3

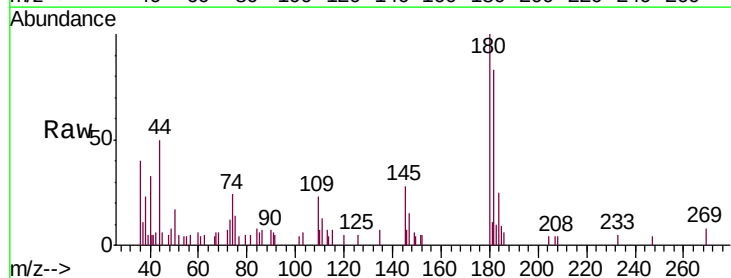


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

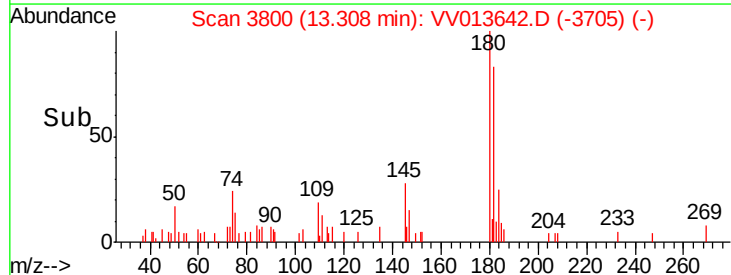
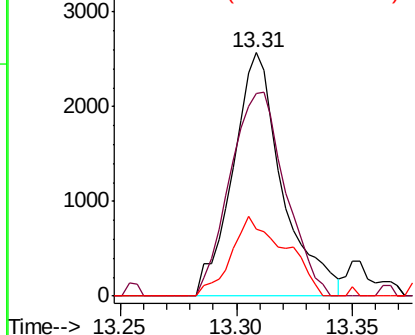


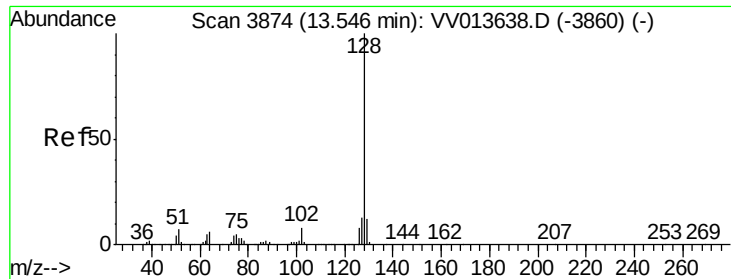
#68
 1,2,4-trichlorobenzene
 Concen: 0.096 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.01 min
 Lab File: VV013642.D
 Acq: 15 Nov 2019 16:32

Tgt Ion:180 Resp: 3804
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.2 115.8
 145 35.7 22.6 33.8#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.096 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

Lab File: VV013642.D

Acq: 15 Nov 2019 16:32

Instrument :

MSVOA_V

ClientSampleId :

VBLK55

Tgt Ion:128 Resp: 5164

Ion Ratio Lower Upper

128 100

129 10.0 8.6 13.0

127 16.8 10.4 15.6#

