

Data File : VV012282.D
Acq On : 19 Aug 2019 17:38
Operator : SY/MD
Sample : VV0819WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK38

Quant Time: Aug 20 02:38:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117413	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25732	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	20331	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.13	63	39013	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.96	46	78764	48.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.40	84	78076	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	42435	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	145715	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	40909	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	130255	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	17715	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	50101	43.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27496	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	54522	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

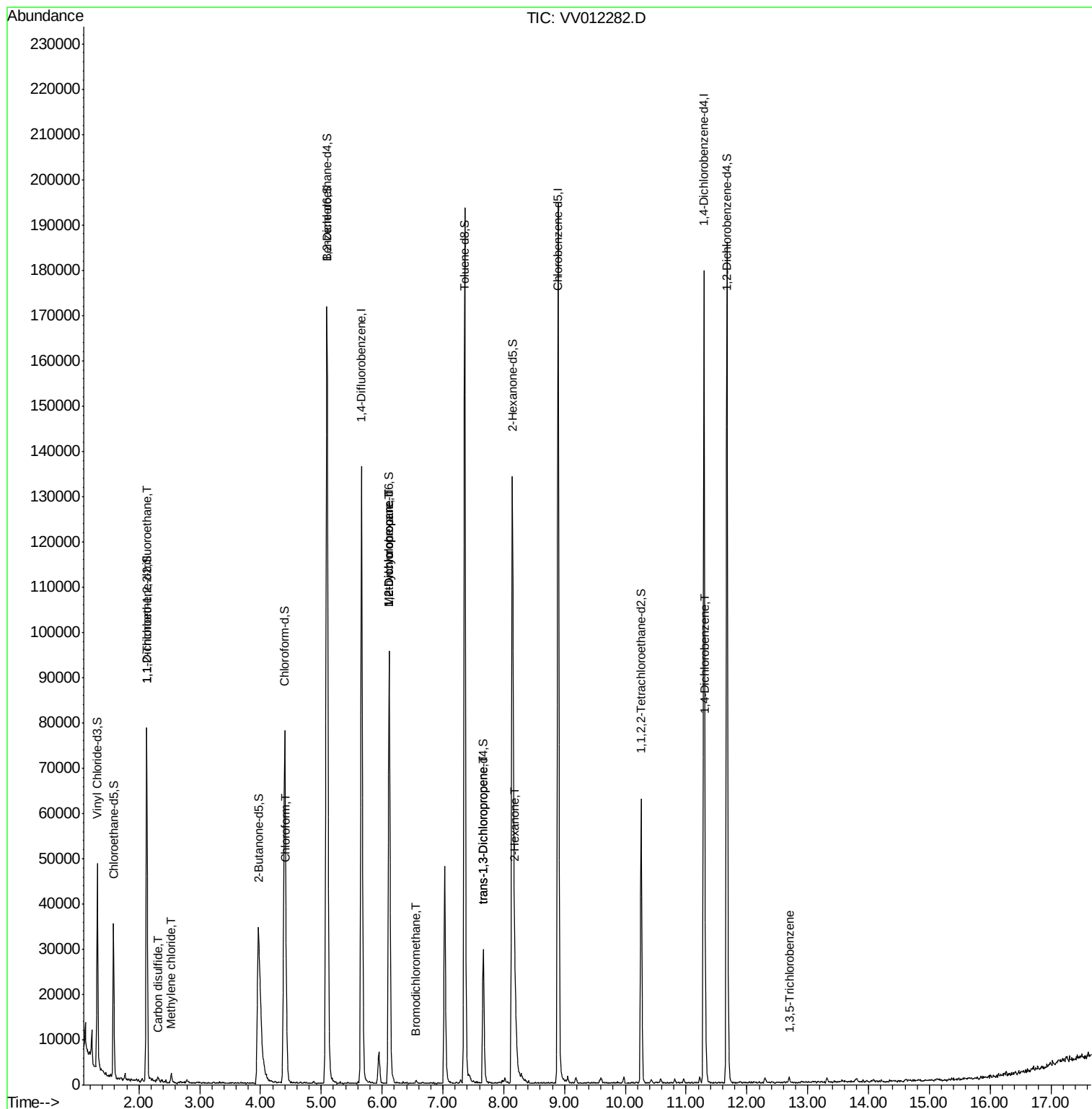
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	548	0.091	ug/L #	26
14) Carbon disulfide	2.31	76	1033	0.069	ug/L #	73
16) Methylene chloride	2.53	84	650	0.116	ug/L	82
25) Chloroform	4.43	83	4196	0.248	ug/L	92
35) Methylcyclohexane	6.12	83	11469	0.840	ug/L #	22
37) 1,2-Dichloropropane	6.12	63	5191	0.713	ug/L #	81
38) Bromodichloromethane	6.56	83	445	0.040	ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	498	0.054	ug/L	83
48) 2-Hexanone	8.18	43	9744	3.543	ug/L #	88
63) 1,4-Dichlorobenzene	11.32	146	919	0.052	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	751	0.052	ug/L #	29

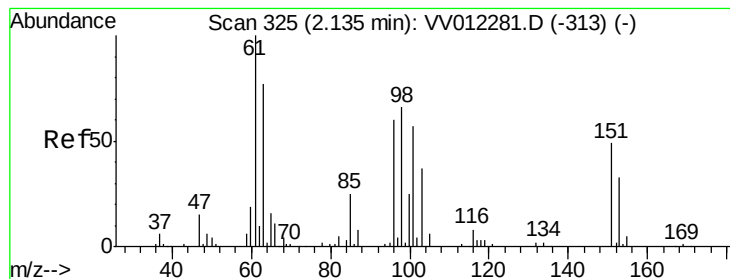
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.091 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012282.D

Acq: 19 Aug 2019 17:38

Instrument :

MSVOA_V

ClientSampled :

VBLK38

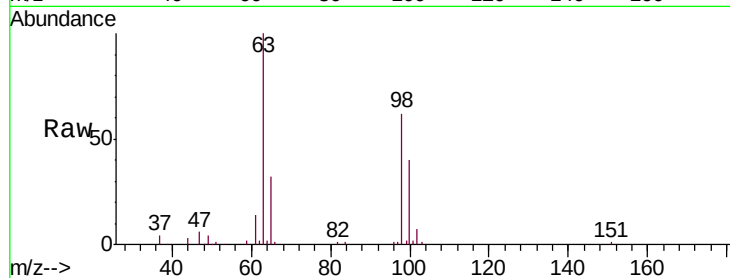
Tgt Ion: 101 Resp: 548

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

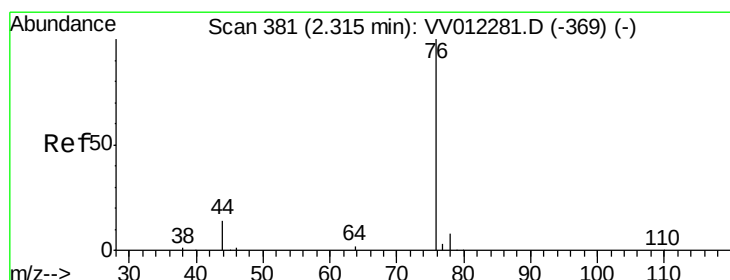
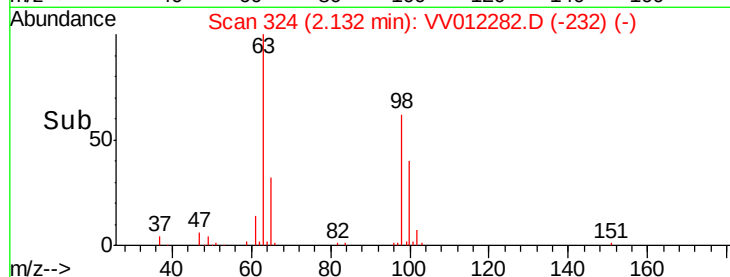
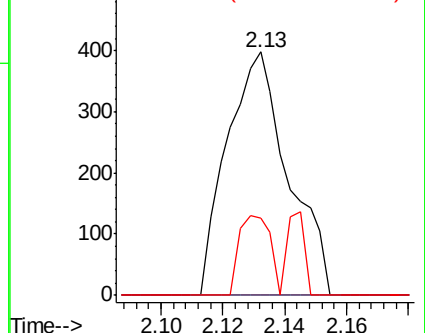
151 16.6 71.5 107.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#14

Carbon disulfide

Concen: 0.069 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012282.D

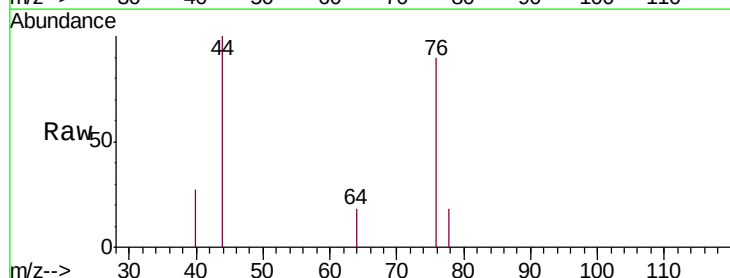
Acq: 19 Aug 2019 17:38

Tgt Ion: 76 Resp: 1033

Ion Ratio Lower Upper

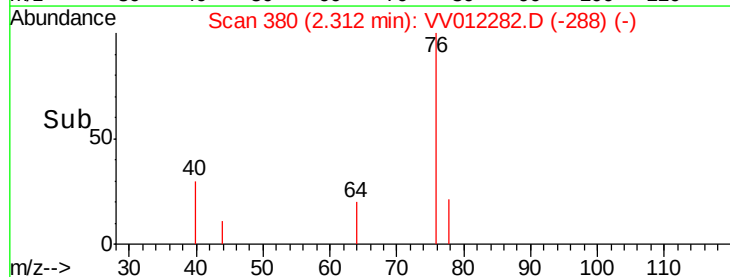
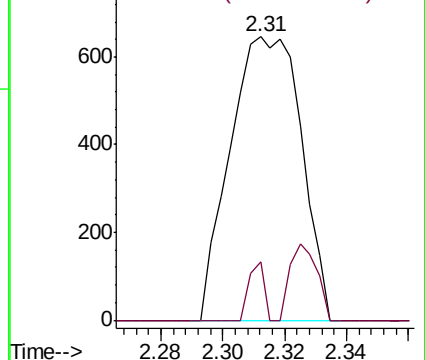
76 100

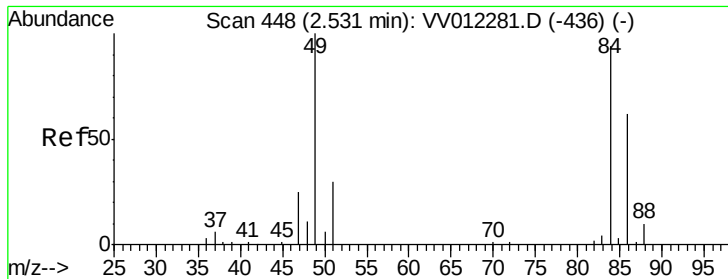
78 20.6 8.3 12.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

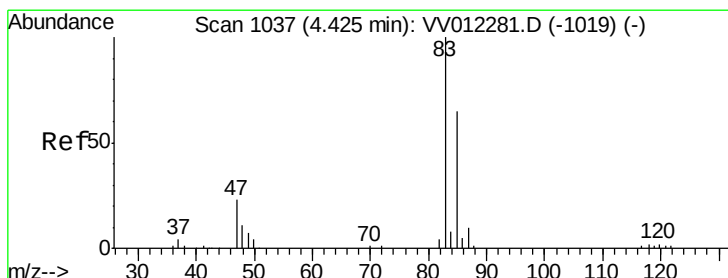
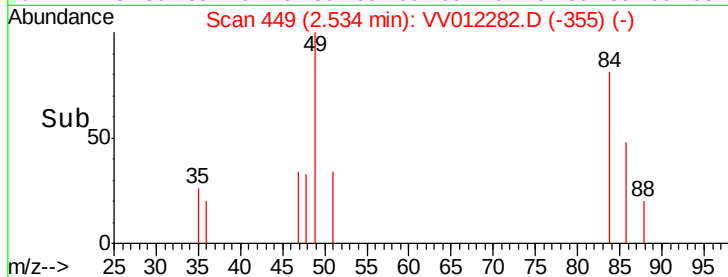
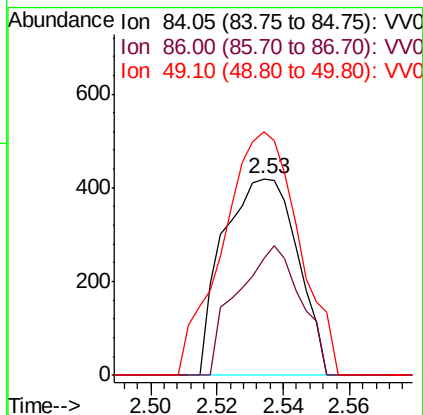
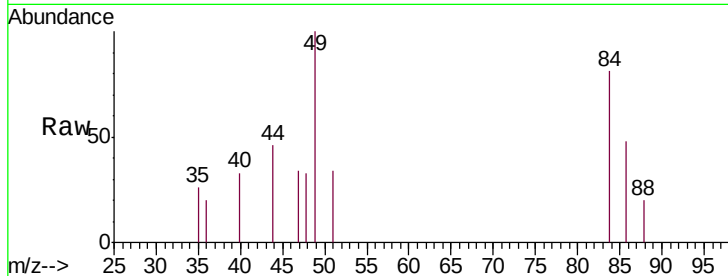




#16
Methylene chloride
Concen: 0.116 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012282.D
Acq: 19 Aug 2019 17:38

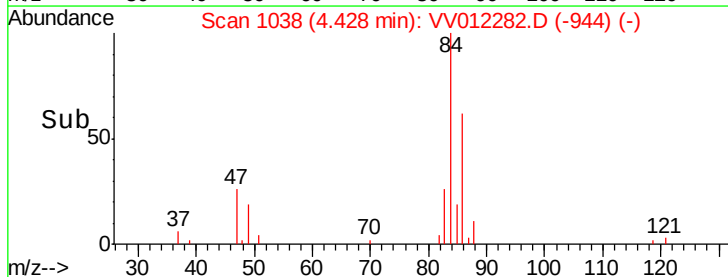
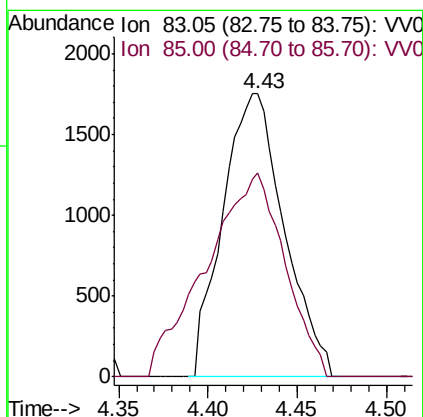
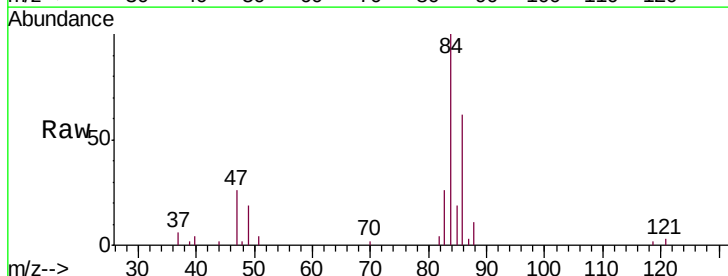
Instrument :
MSVOA_V
ClientSampleId :
VBLK38

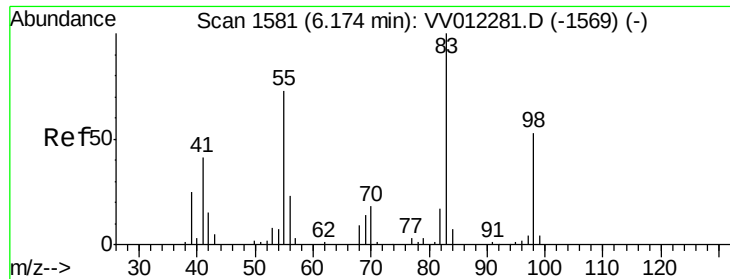
Tgt Ion: 84 Resp: 650
Ion Ratio Lower Upper
84 100
86 59.2 49.5 91.9
49 123.9 72.1 133.9



#25
Chloroform
Concen: 0.248 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012282.D
Acq: 19 Aug 2019 17:38

Tgt Ion: 83 Resp: 4196
Ion Ratio Lower Upper
83 100
85 72.2 46.1 85.5

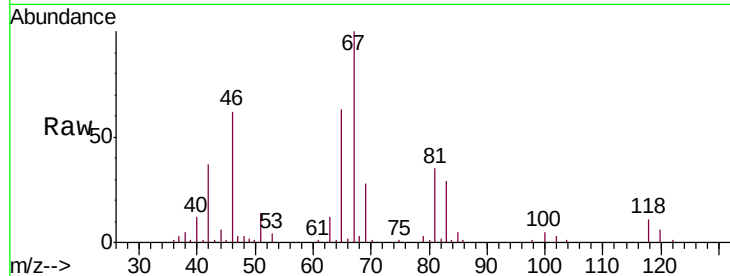




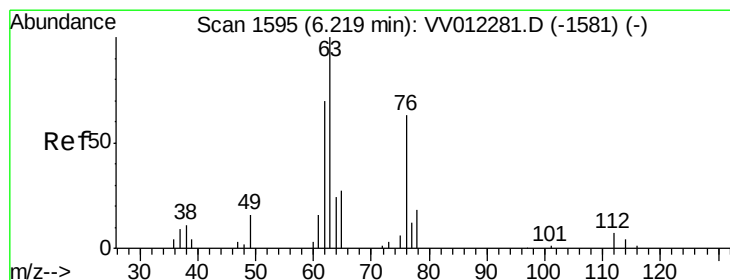
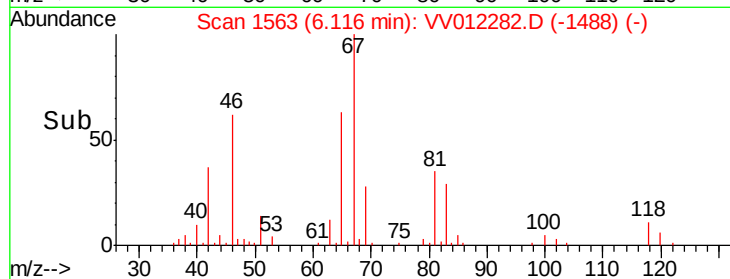
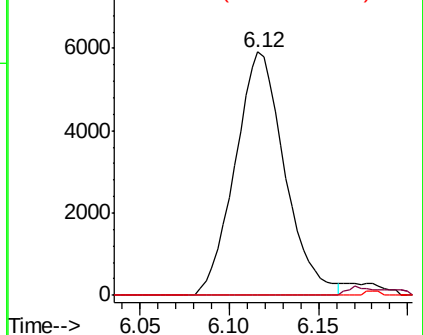
#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012282.D
Acq: 19 Aug 2019 17:38

Instrument :
MSVOA_V
ClientSampleId :
VBLK38

Tgt Ion: 83 Resp: 11469
Ion Ratio Lower Upper
83 100
55 2.9 57.3 85.9#
98 0.5 40.3 60.5#

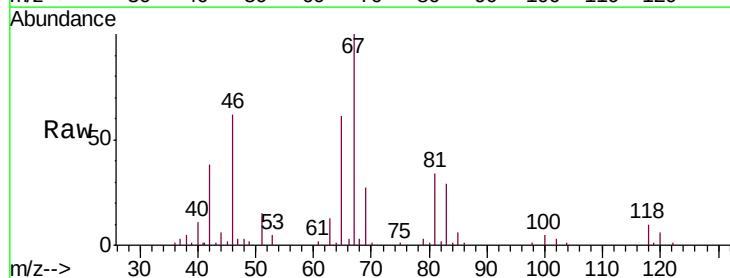


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

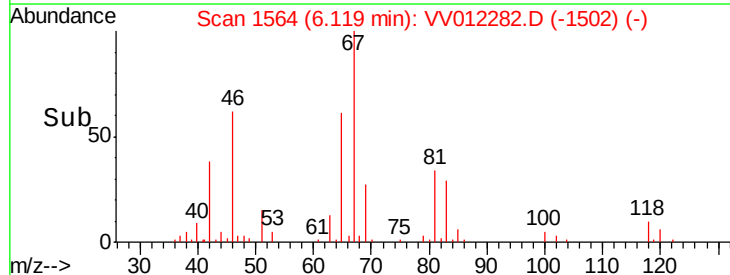
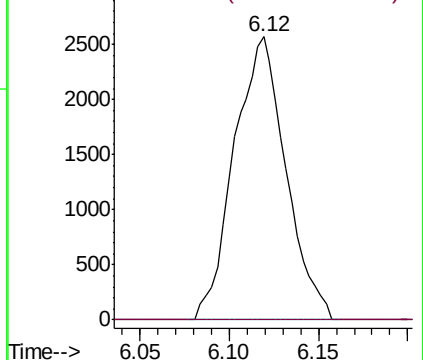


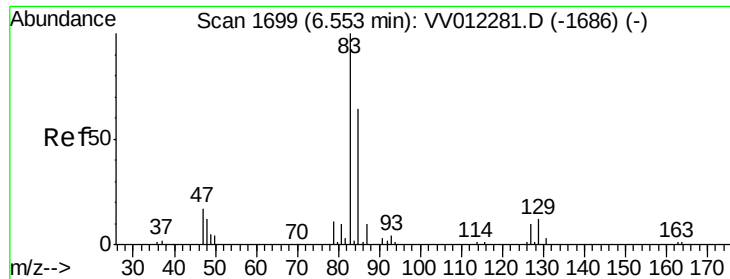
#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012282.D
Acq: 19 Aug 2019 17:38

Tgt Ion: 63 Resp: 5191
Ion Ratio Lower Upper
63 100
112 0.0 5.1 7.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.040 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV012282.D

Acq: 19 Aug 2019 17:38

Instrument :

MSVOA_V

ClientSampleId :

VBLK38

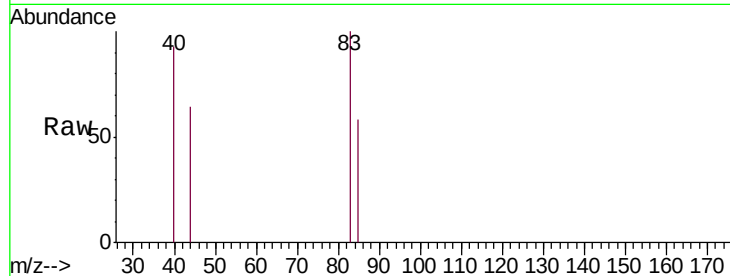
Tgt Ion: 83 Resp: 445

Ion Ratio Lower Upper

83 100

85 57.8 44.5 82.7

127 0.0 8.9 13.3#

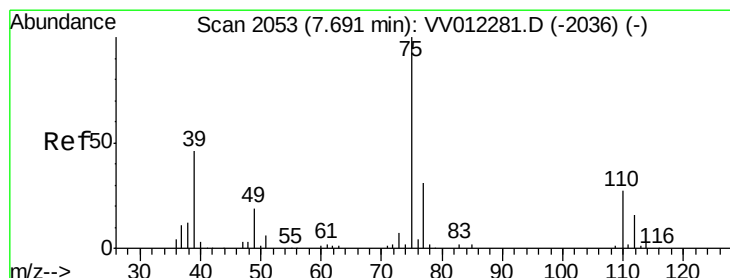
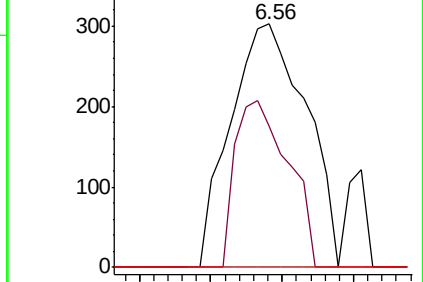
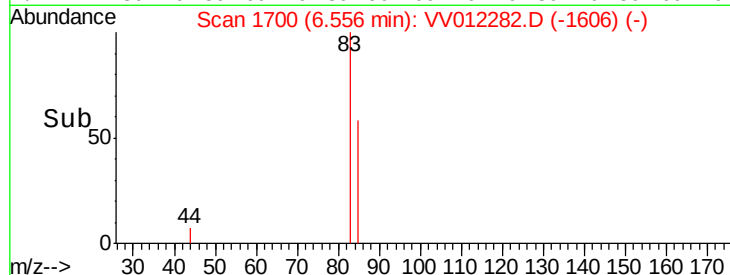


Abundance Ion 82.95 (82.65 to 83.65): VV012282.D (-1686) (-)

Ion 85.00 (84.70 to 85.70): VV012282.D (-1686) (-)

Ion 126.90 (126.60 to 127.60): VV012282.D (-1686) (-)

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.054 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV012282.D

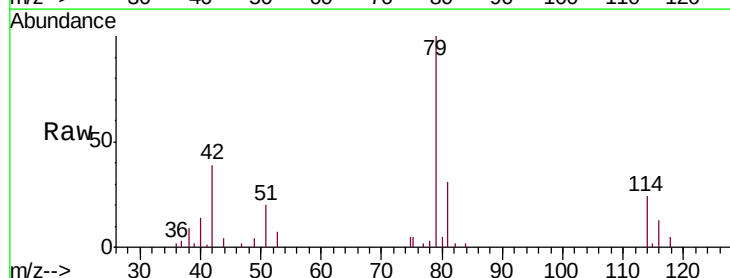
Acq: 19 Aug 2019 17:38

Tgt Ion: 75 Resp: 498

Ion Ratio Lower Upper

75 100

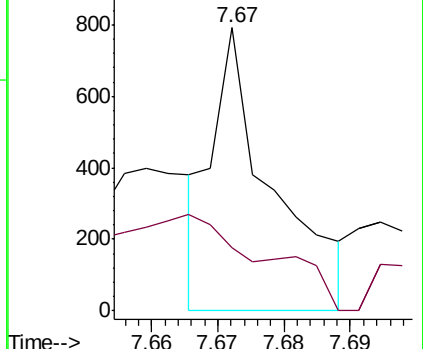
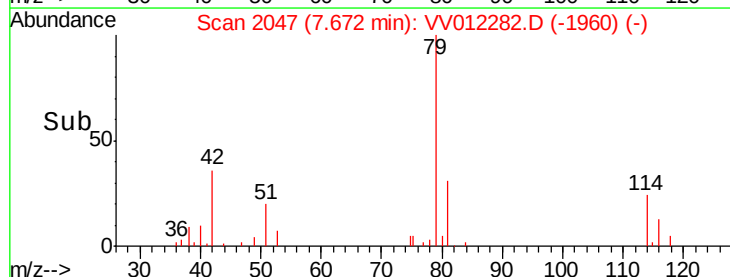
77 22.2 22.1 41.1

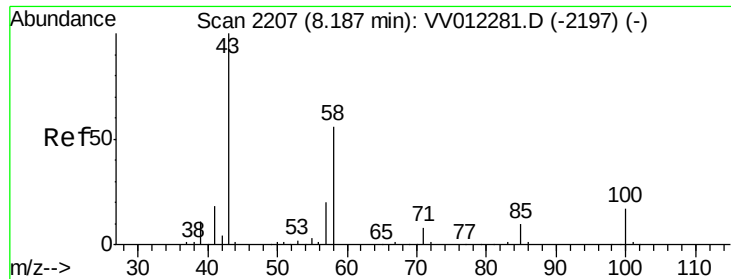


Abundance Ion 75.05 (74.75 to 75.75): VV012282.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV012282.D (-1960) (-)

Time-->

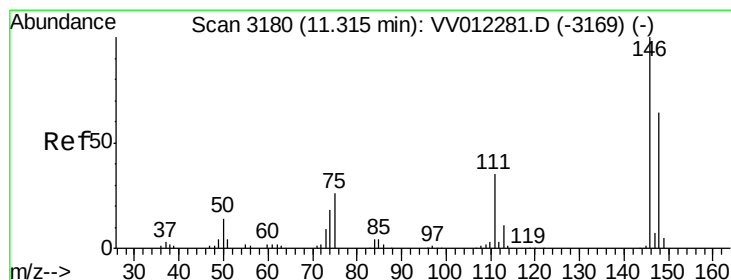
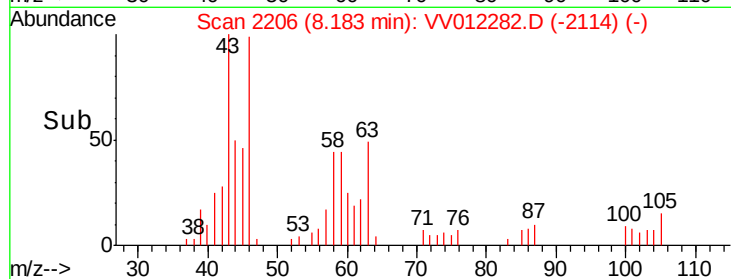
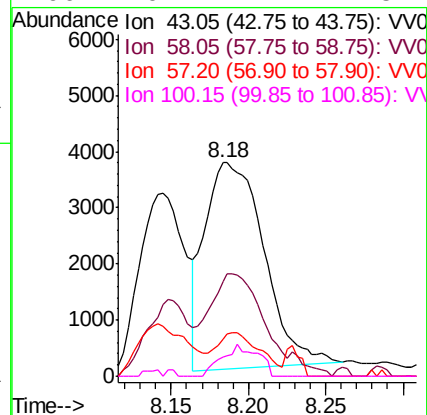
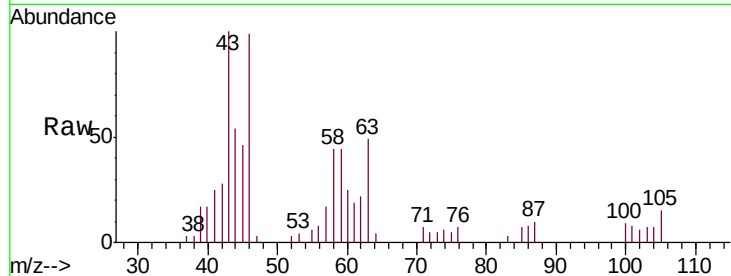




#48
2-Hexanone
Concen: 3.543 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012282.D
Acq: 19 Aug 2019 17:38

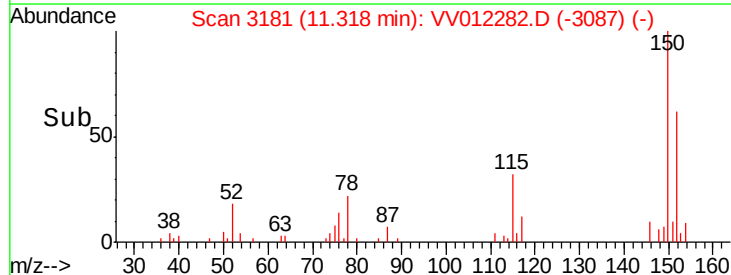
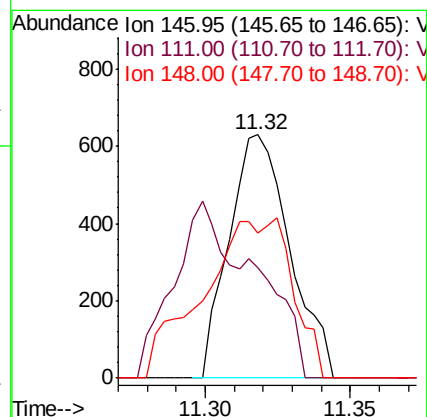
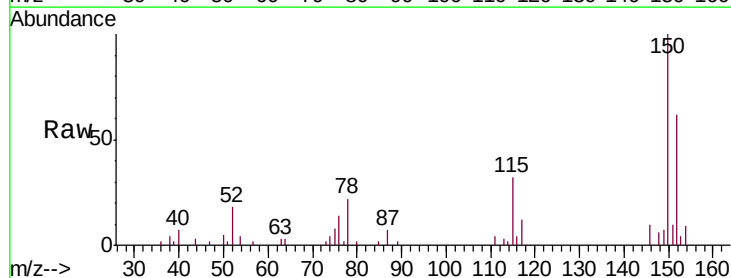
Instrument :
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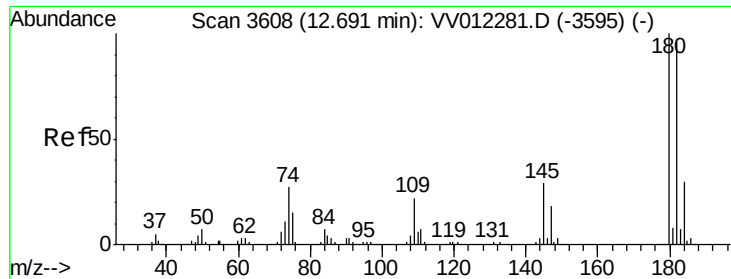
Tgt Ion:	43	Resp:	9744
Ion	Ratio	Lower	Upper
43	100		
58	48.8	45.4	68.2
57	15.4	16.8	25.2#
100	9.2	12.2	18.2#



#63
1,4-Dichlorobenzene
Concen: 0.052 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV012282.D
Acq: 19 Aug 2019 17:38

Tgt Ion:	146	Resp:	919
Ion	Ratio	Lower	Upper
146	100		
111	45.4	26.2	48.6
148	59.7	45.3	84.1

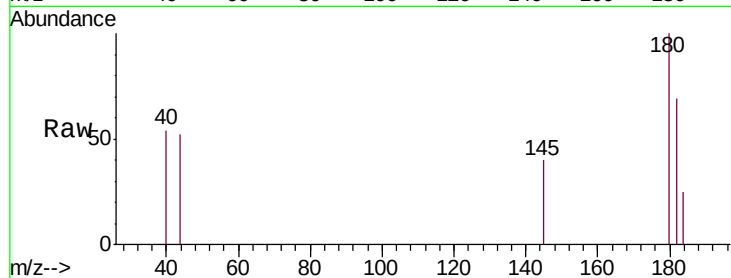




#67
 1,3,5-Trichlorobenzene
 Concen: 0.052 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.01 min
 Lab File: VV012282.D
 Acq: 19 Aug 2019 17:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK38

Tgt Ion:	180	Resp:	751
Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.9	113.9#
184	11.5	24.6	36.8#
145	16.8	22.6	33.8#



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

