

Data File : VV012284.D
Acq On : 19 Aug 2019 18:33
Operator : SY/MD
Sample : K4395-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5

Quant Time: Aug 20 02:38:21 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	115255	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28022	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	21348	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	40701	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.94	46	83985	52.89	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.78%
24) Chloroform-d	4.40	84	81045	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	42272	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	150288	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	42691	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	131902	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.66	79	17607	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.13	63	50818	44.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28438	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	55151	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

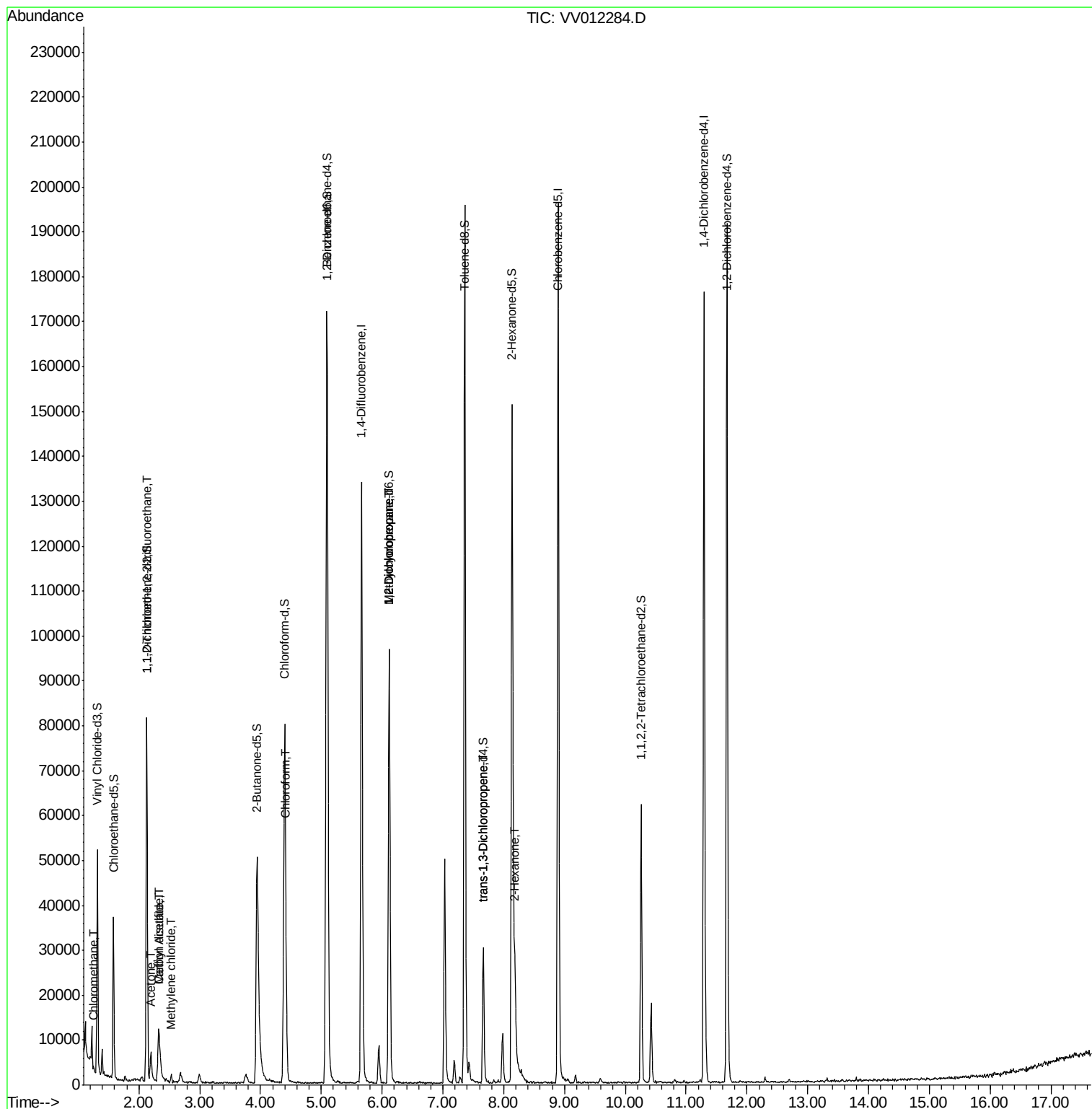
						Qvalue
3) Chloromethane	1.25	50	1033	0.143	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	532	0.090	ug/L #	14
13) Acetone	2.20	43	7103	8.552	ug/L #	55
14) Carbon disulfide	2.32	76	1862	0.127	ug/L #	92
15) Methyl Acetate	2.32	43	1806	1.096	ug/L #	44
16) Methylene chloride	2.53	84	731	0.133	ug/L #	70
25) Chloroform	4.42	83	3811	0.229	ug/L	87
35) Methylcyclohexane	6.11	83	11869	0.875	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	5476	0.758	ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	730	0.080	ug/L	95
48) 2-Hexanone	8.19	43	11592	4.245	ug/L #	87

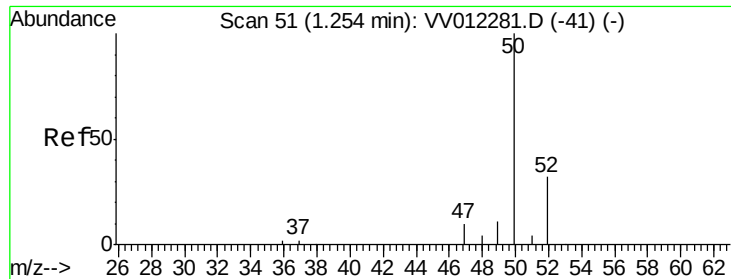
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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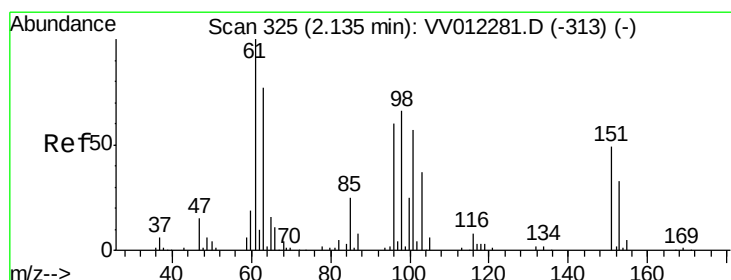
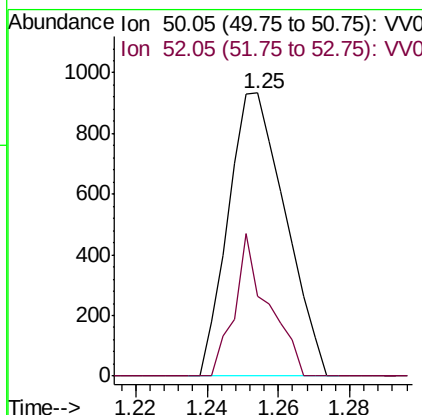
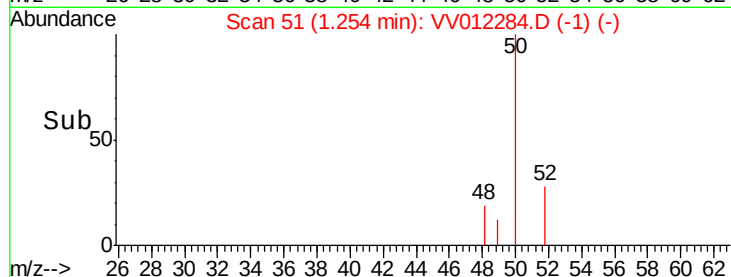
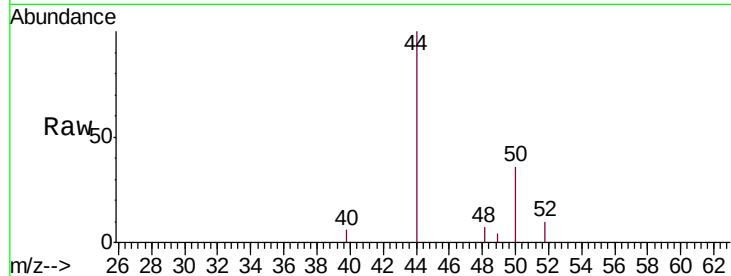




#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV012284.D
Acq: 19 Aug 2019 18:33

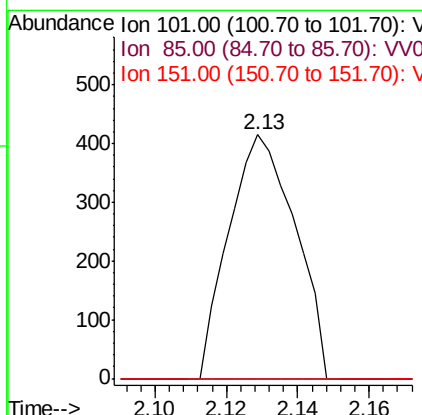
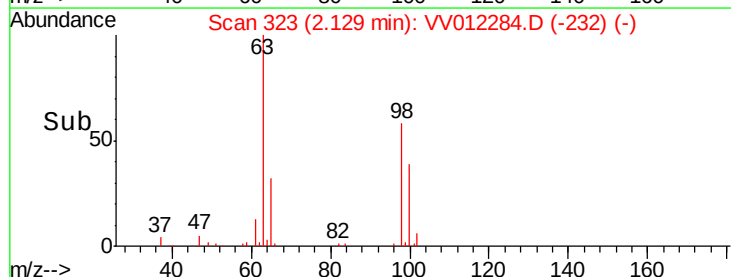
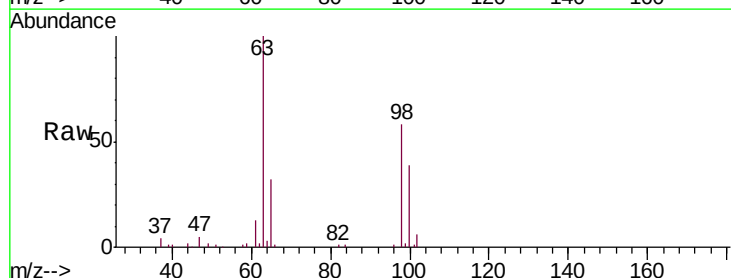
Instrument :
MSVOA_V
ClientSampled :
C0AJ5

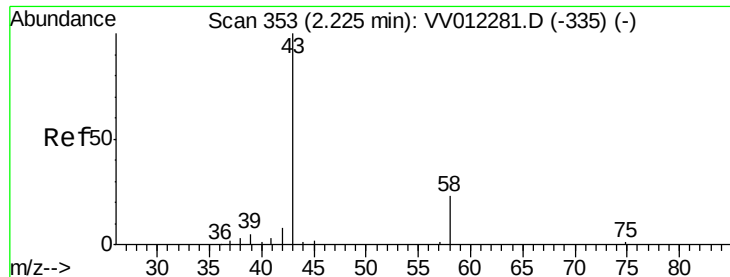
Tgt Ion: 50 Resp: 1033
Ion Ratio Lower Upper
50 100
52 28.1 22.6 42.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012284.D
Acq: 19 Aug 2019 18:33

Tgt Ion: 101 Resp: 532
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 71.5 107.3#





#13

Acetone

Concen: 8.552 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV012284.D

Acq: 19 Aug 2019 18:33

Instrument :

MSVOA_V

ClientSampled :

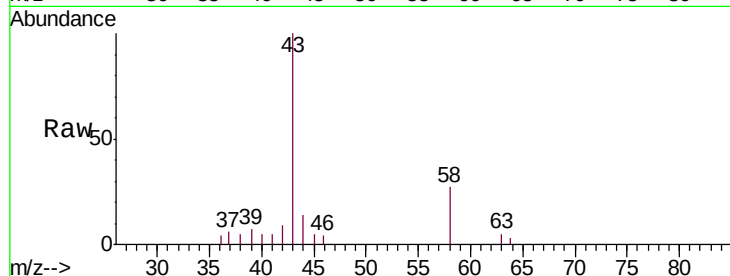
C0AJ5

Tgt Ion: 43 Resp: 7103

Ion Ratio Lower Upper

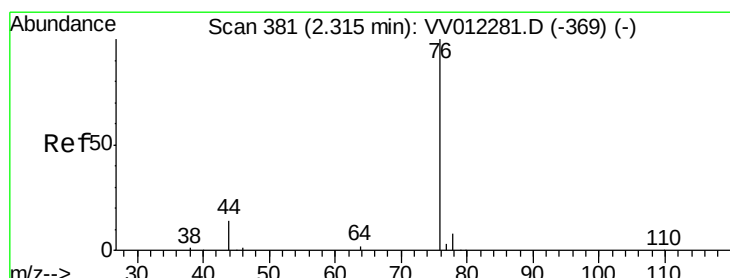
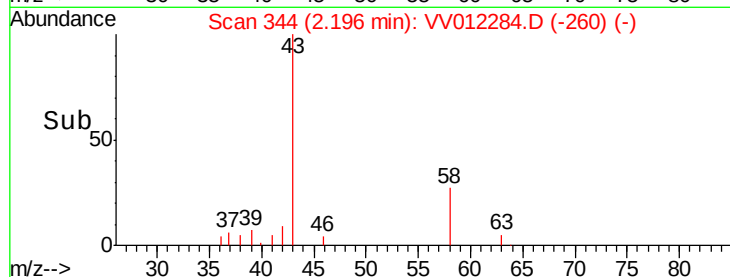
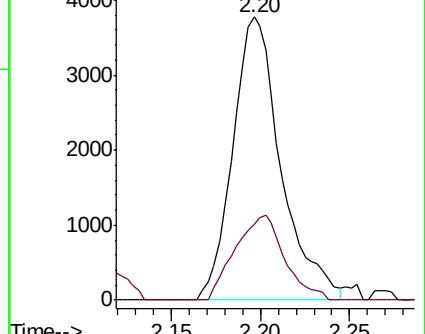
43 100

58 30.8 0.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV012284.D

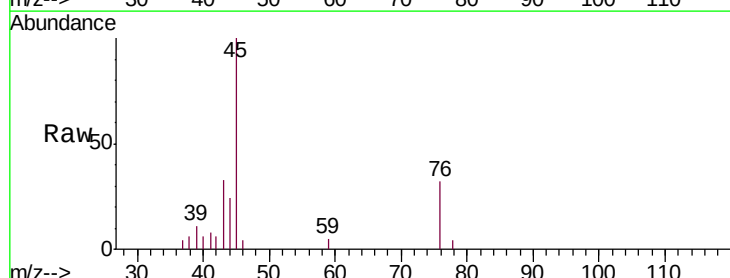
Acq: 19 Aug 2019 18:33

Tgt Ion: 76 Resp: 1862

Ion Ratio Lower Upper

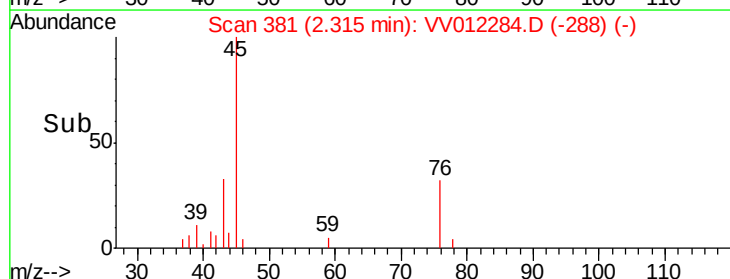
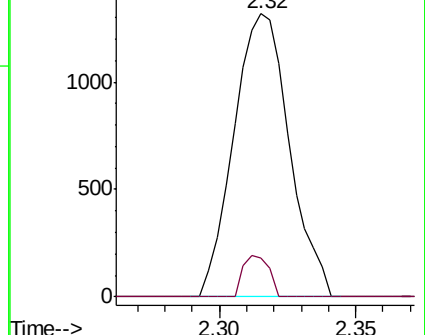
76 100

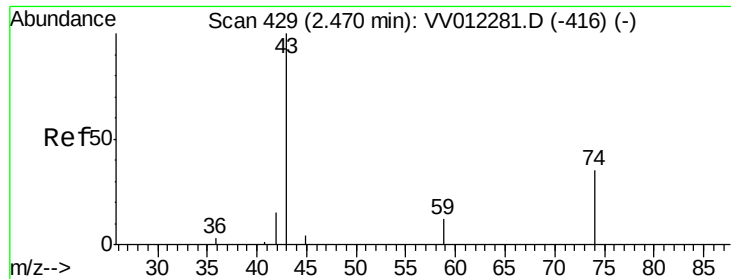
78 13.5 8.3 12.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

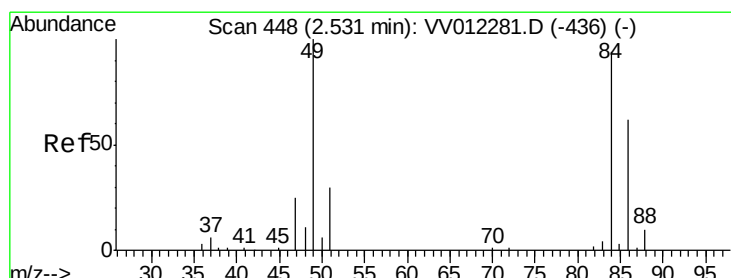
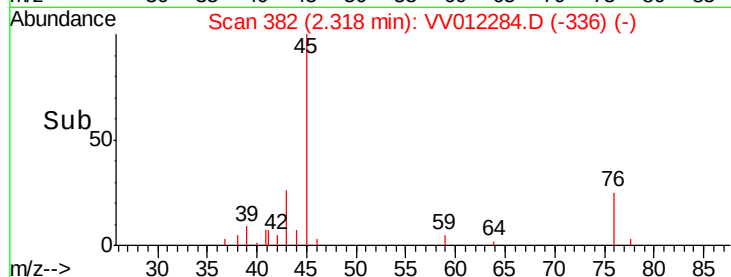
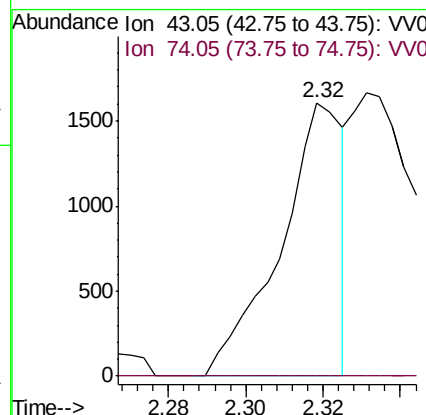
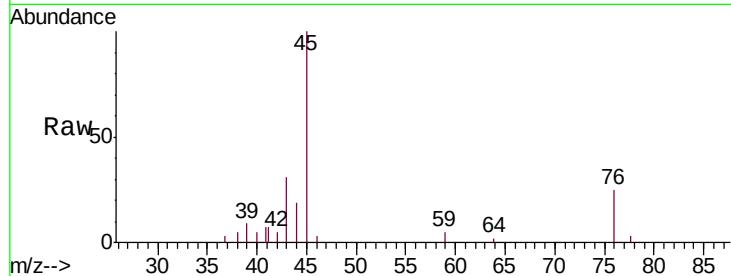




#15
Methyl Acetate
Concen: 1.096 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.15 min
Lab File: VV012284.D
Acq: 19 Aug 2019 18:33

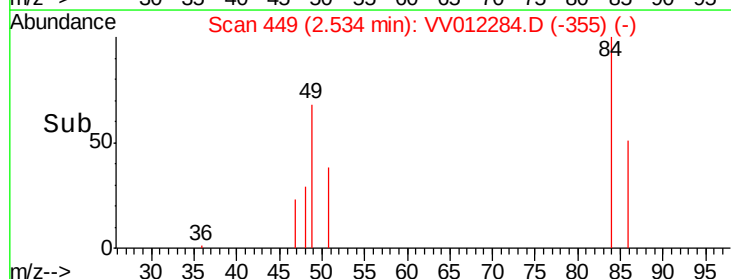
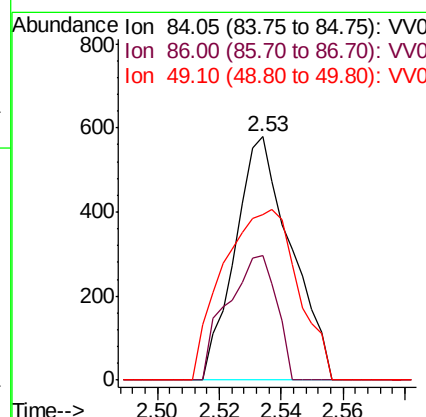
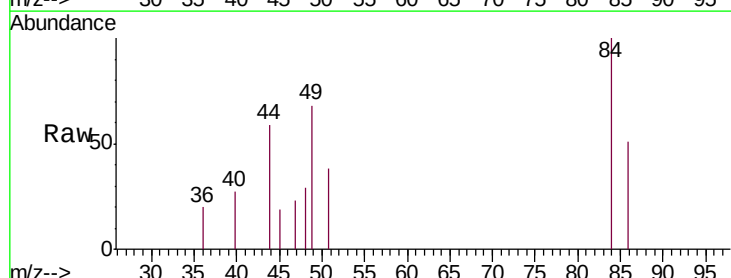
Instrument :
MSVOA_V
ClientSampled :
C0AJ5

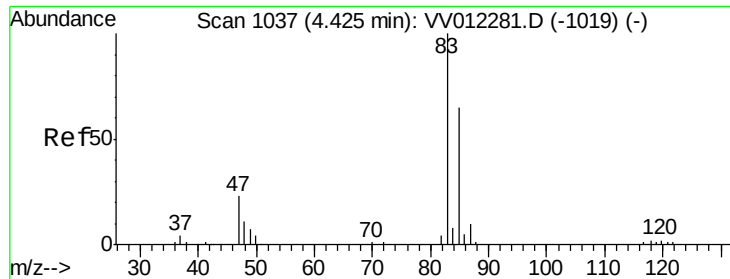
Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
74 0.0 24.9 37.3#



#16
Methylene chloride
Concen: 0.133 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012284.D
Acq: 19 Aug 2019 18:33

Tgt Ion: 84 Resp: 731
Ion Ratio Lower Upper
84 100
86 51.5 49.5 91.9
49 68.2 72.1 133.9#

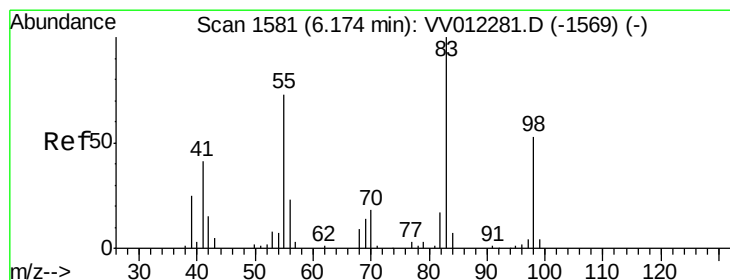
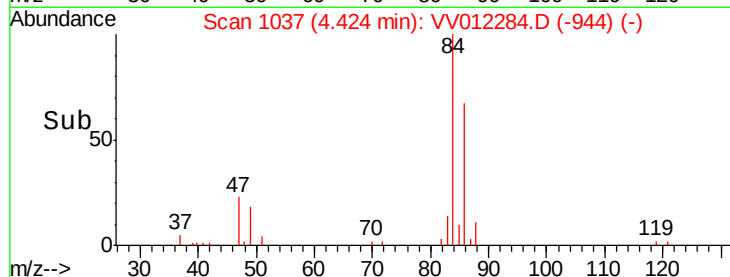
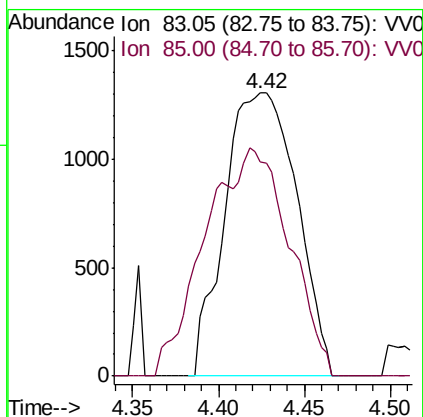
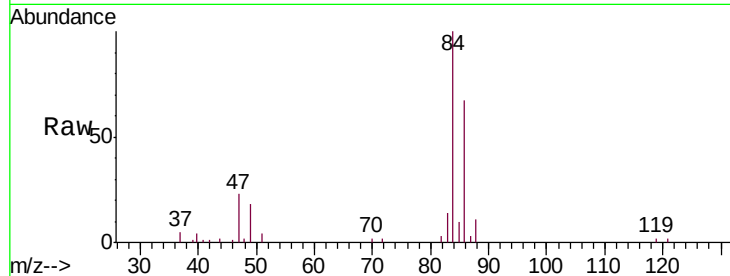




#25
Chloroform
Concen: 0.229 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012284.D
Acq: 19 Aug 2019 18:33

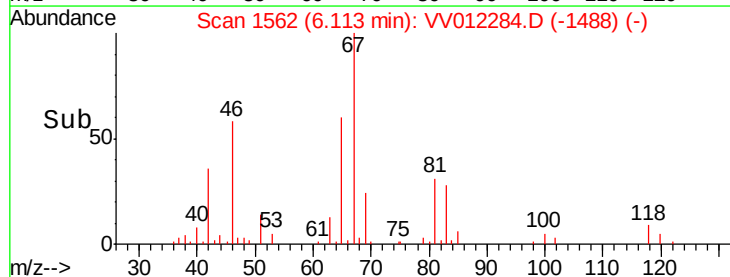
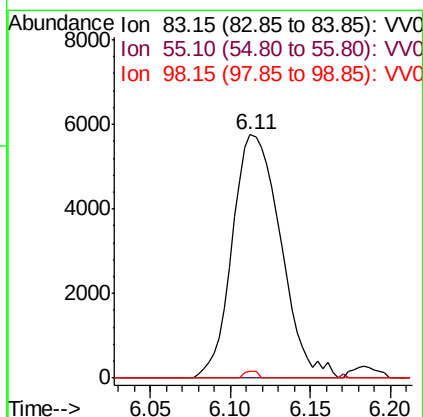
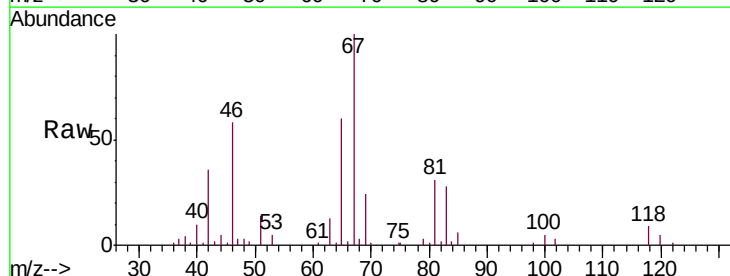
Instrument :
MSVOA_V
ClientSampleId :
C0AJ5

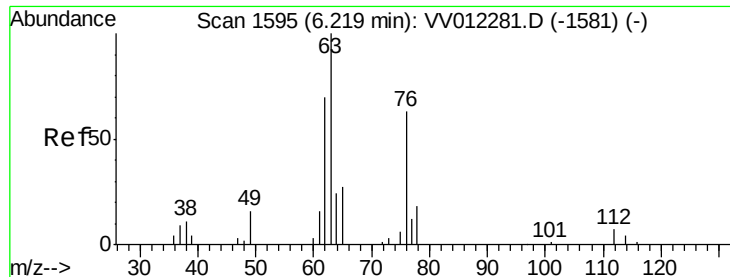
Tgt Ion: 83 Resp: 3811
Ion Ratio Lower Upper
83 100
85 75.9 46.1 85.5



#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012284.D
Acq: 19 Aug 2019 18:33

Tgt Ion: 83 Resp: 11869
Ion Ratio Lower Upper
83 100
55 0.2 57.3 85.9#
98 0.7 40.3 60.5#

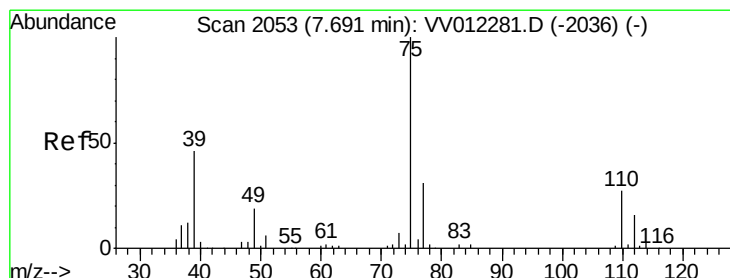
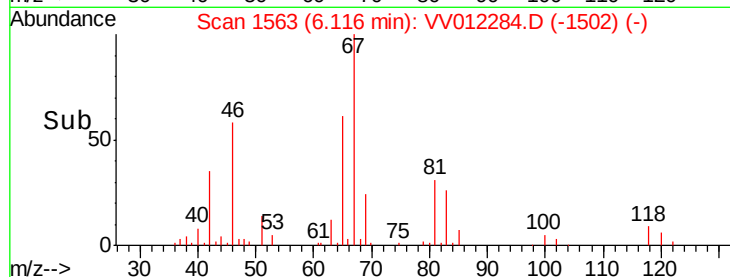
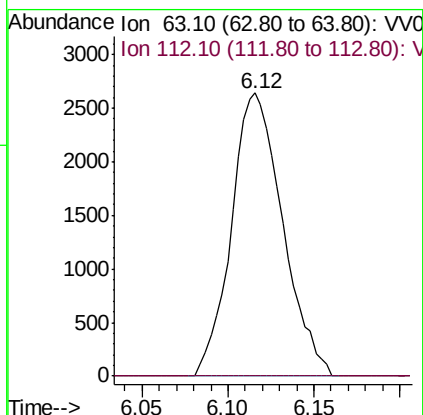
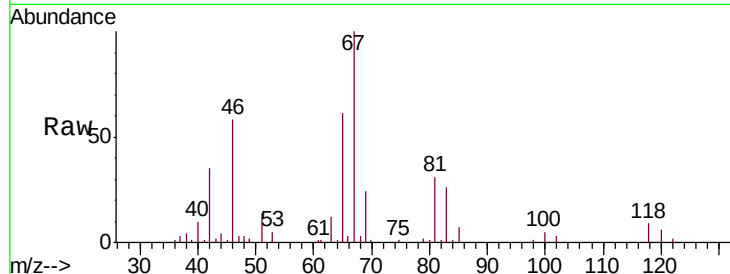




#37
 1,2-Dichloropropane
 Concen: 0.758 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012284.D
 Acq: 19 Aug 2019 18:33

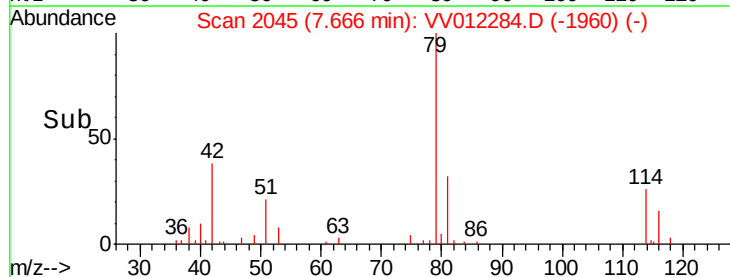
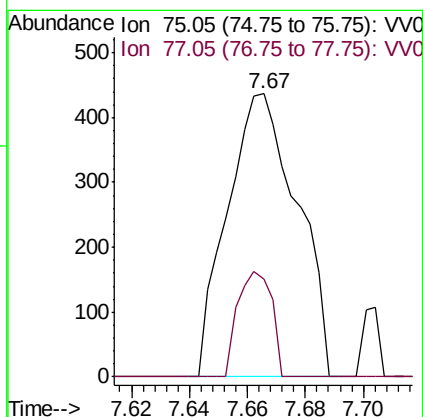
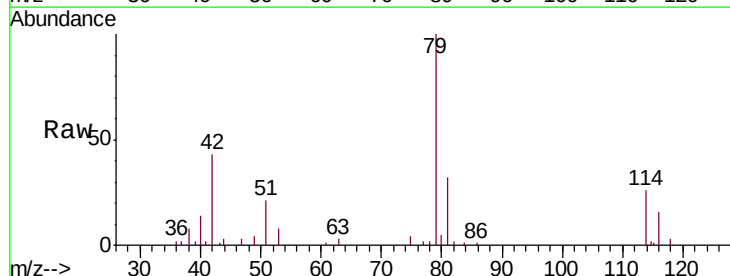
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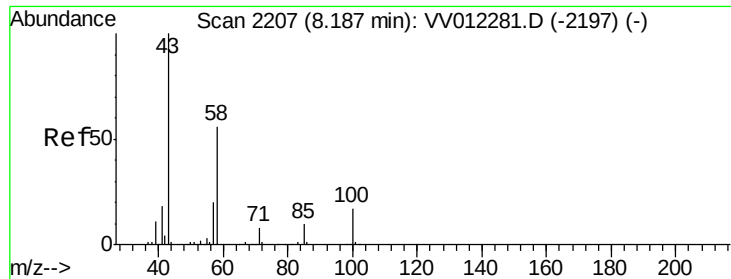
Tgt Ion: 63 Resp: 5476
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.1 7.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012284.D
 Acq: 19 Aug 2019 18:33

Tgt Ion: 75 Resp: 730
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.1 41.1





#48
 2-Hexanone
 Concen: 4.245 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VV012284.D
 Acq: 19 Aug 2019 18:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ5

Tgt Ion: 43 Resp: 11592
 Ion Ratio Lower Upper
 43 100
 58 44.6 45.4 68.2#
 57 19.1 16.8 25.2
 100 10.4 12.2 18.2#

