

Data File : VV013397.D
Acq On : 29 Oct 2019 16:12
Operator : SY/MD
Sample : VV1029WBL01
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK43

Quant Time: Oct 30 02:53:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	370499	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	398599	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	193658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166986	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	133403	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	208656	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.97	46	400258	49.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	4.40	84	320646	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	170781	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	675958	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	211234	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	569625	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	73279	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	226702	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131916	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	210474	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

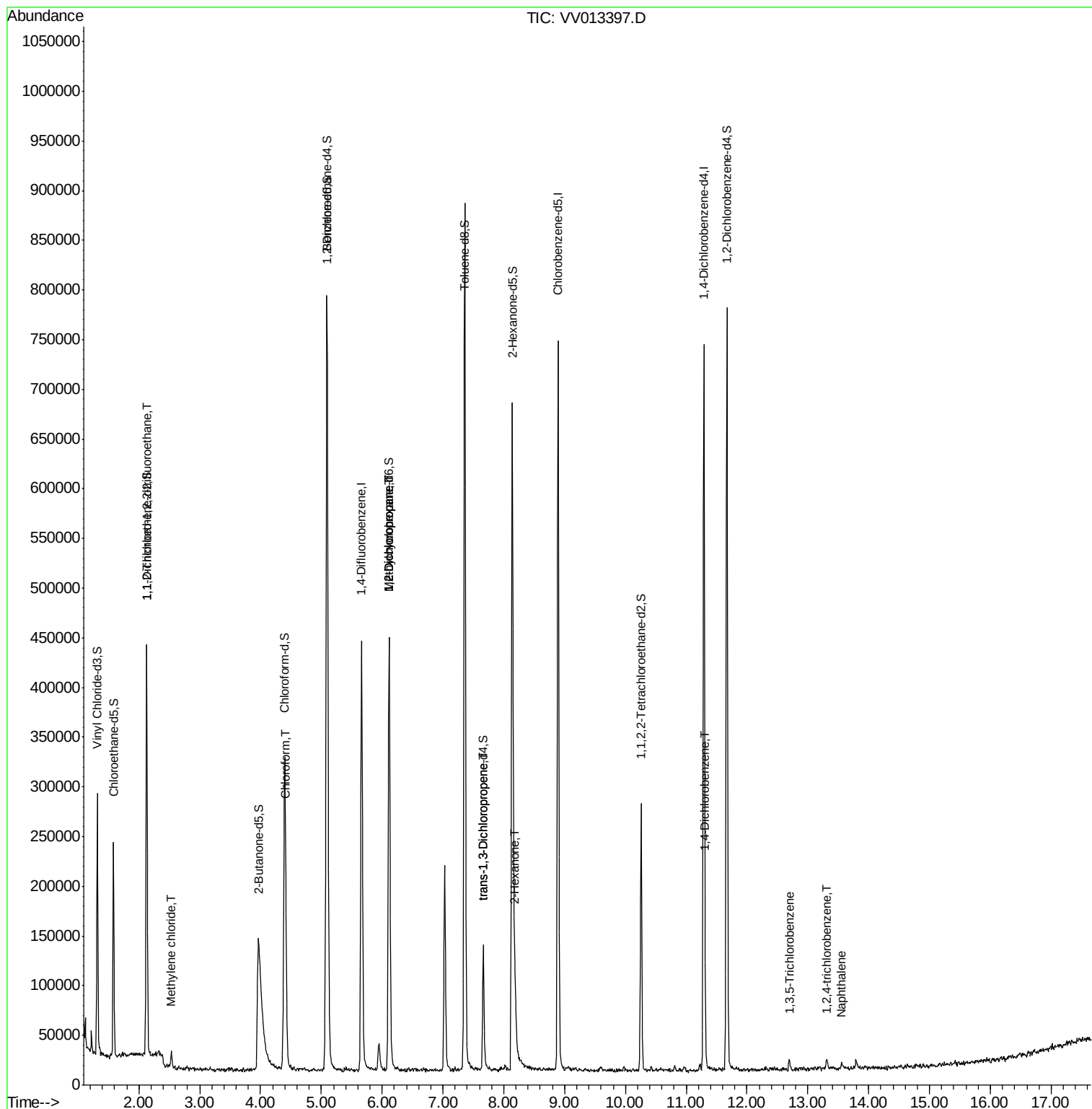
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2431	0.082 ug/L #	19
16) Methylene chloride	2.53	84	6089	0.148 ug/L	93
25) Chloroform	4.42	83	19610	0.267 ug/L	100
35) Methylcyclohexane	6.12	83	48086	0.788 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	21560	0.573 ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	3364	0.084 ug/L	95
48) 2-Hexanone	8.19	43	39565	2.639 ug/L #	86
63) 1,4-Dichlorobenzene	11.32	146	3694	0.056 ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	3082	0.059 ug/L #	90
68) 1,2,4-trichlorobenzene	13.31	180	3733	0.092 ug/L	97
69) Naphthalene	13.56	128	4835	0.087 ug/L #	90

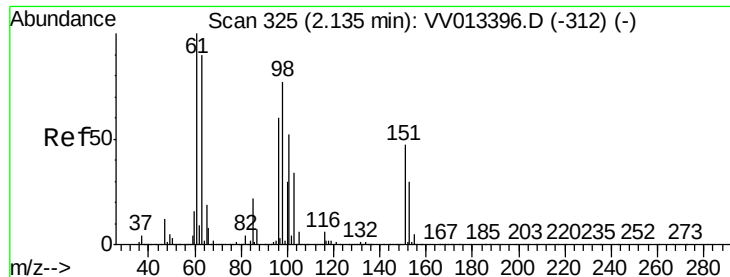
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013397.D
Acq On : 29 Oct 2019 16:12
Operator : SY/MD
Sample : VV1029WBL01
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK43

Quant Time: Oct 30 02:53:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013397.D

Acq: 29 Oct 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

VBLK43

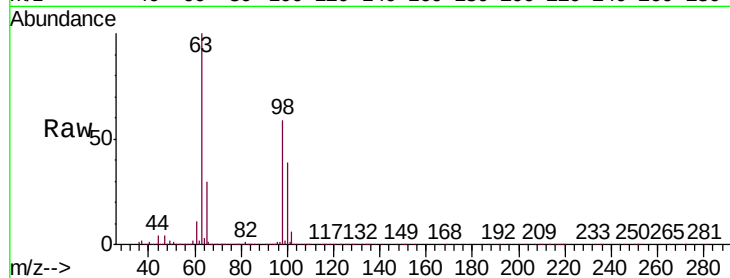
Tgt Ion:101 Resp: 2431

Ion Ratio Lower Upper

101 100

85 6.3 33.0 49.4#

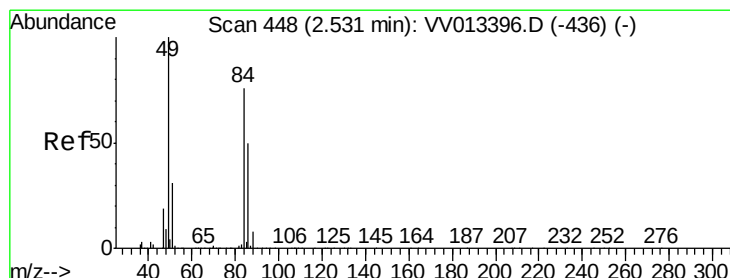
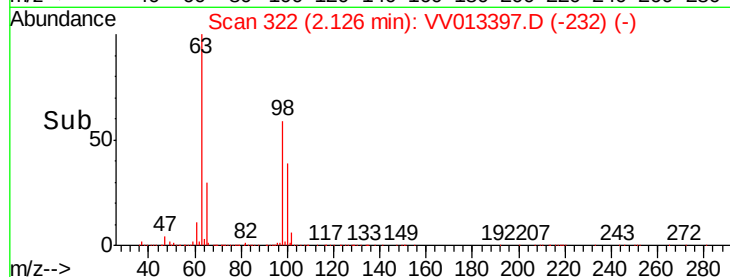
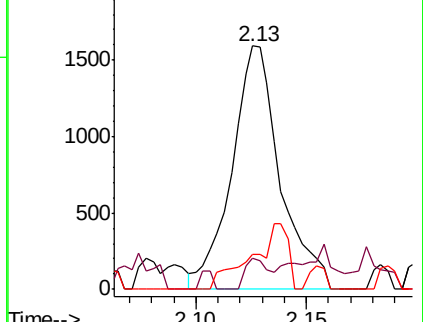
151 0.0 68.2 102.2#



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



#16

Methylene chloride

Concen: 0.148 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013397.D

Acq: 29 Oct 2019 16:12

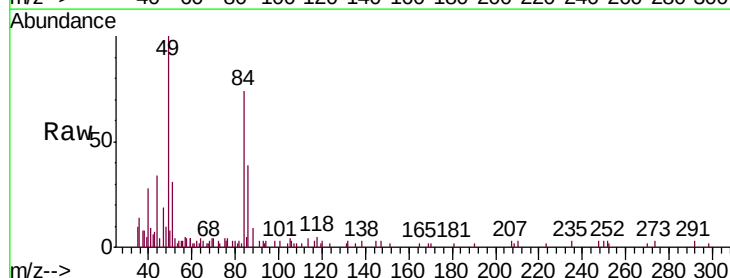
Tgt Ion: 84 Resp: 6089

Ion Ratio Lower Upper

84 100

86 53.0 43.8 81.4

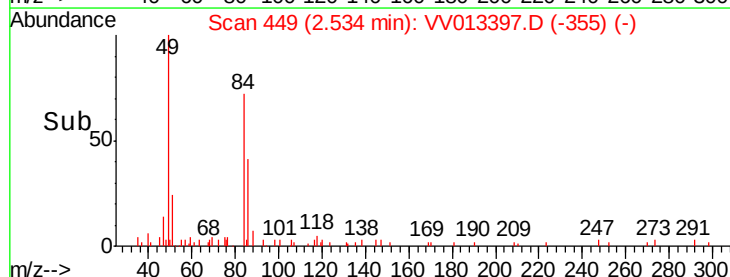
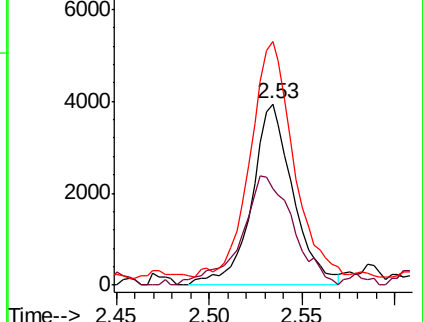
49 134.4 90.4 168.0

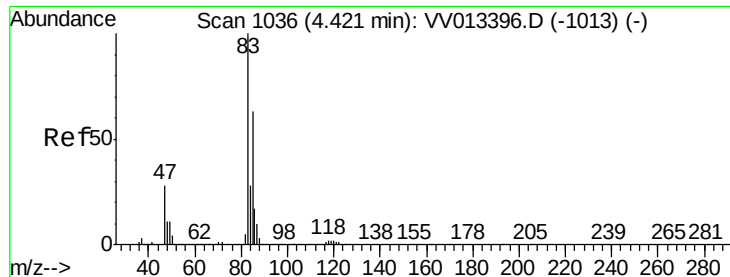


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

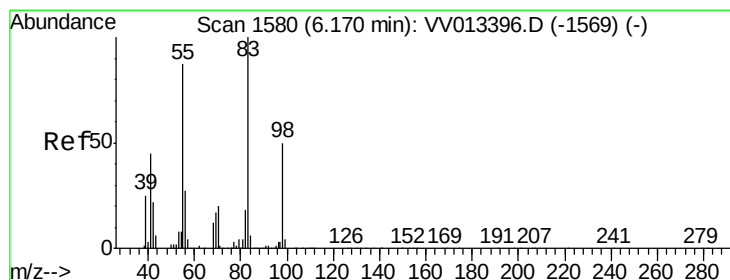
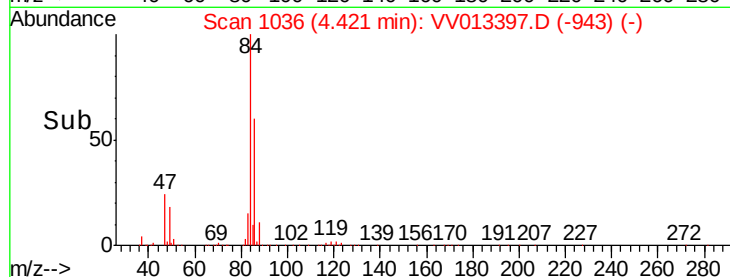
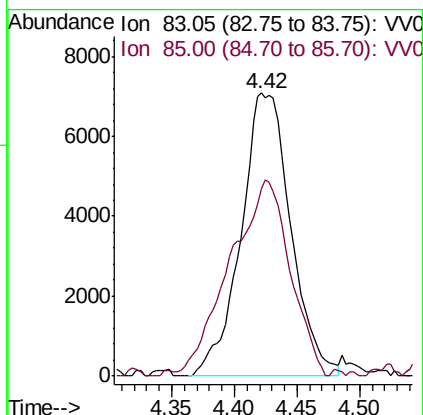
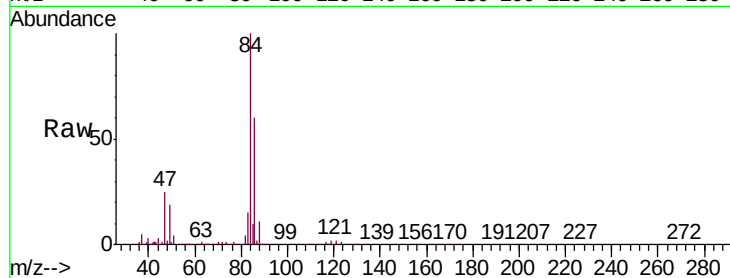




#25
Chloroform
Concen: 0.267 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013397.D
Acq: 29 Oct 2019 16:12

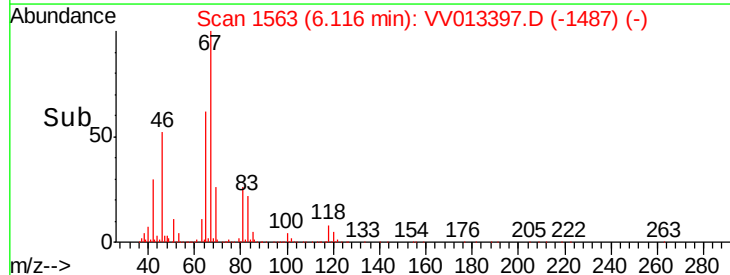
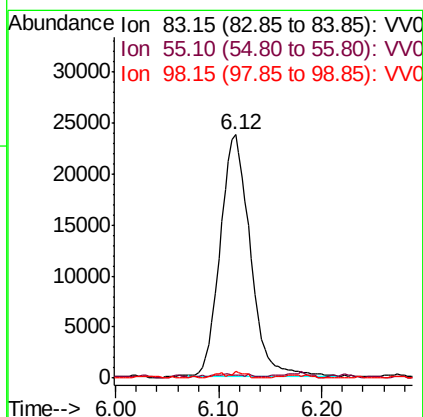
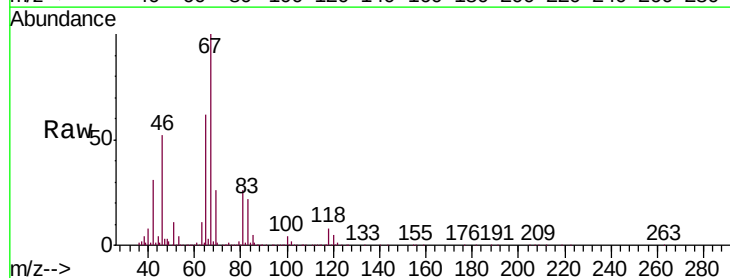
Instrument :
MSVOA_V
ClientSampleId :
VBLK43

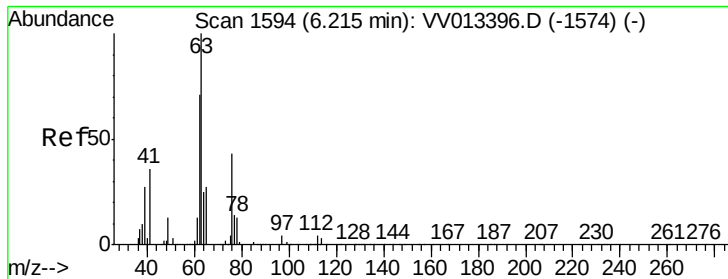
Tgt Ion: 83 Resp: 19610
Ion Ratio Lower Upper
83 100
85 66.3 46.5 86.5



#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013397.D
Acq: 29 Oct 2019 16:12

Tgt Ion: 83 Resp: 48086
Ion Ratio Lower Upper
83 100
55 0.4 66.0 99.0#
98 1.1 38.2 57.4#

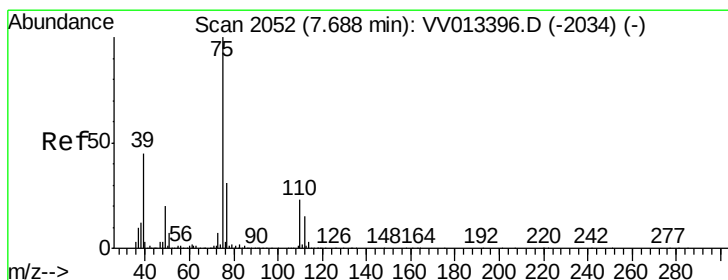
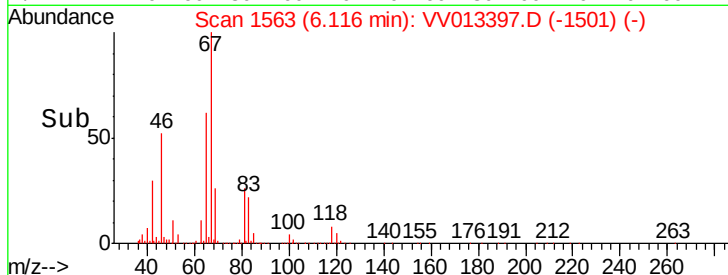
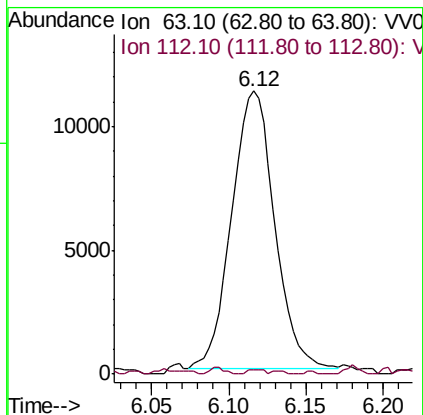
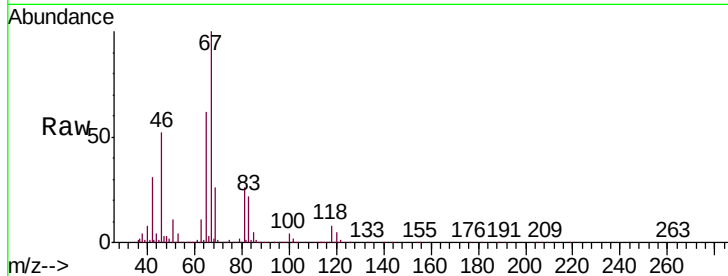




#37
 1,2-Dichloropropane
 Concen: 0.573 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013397.D
 Acq: 29 Oct 2019 16:12

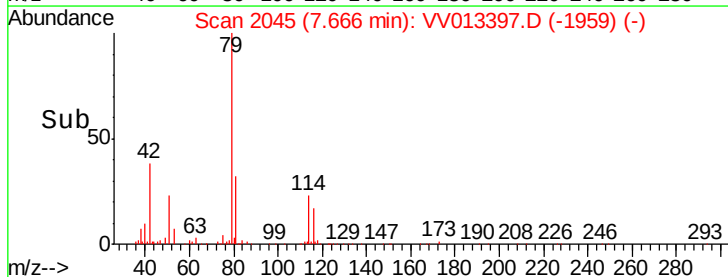
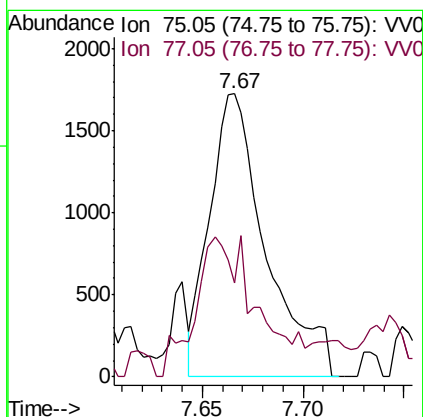
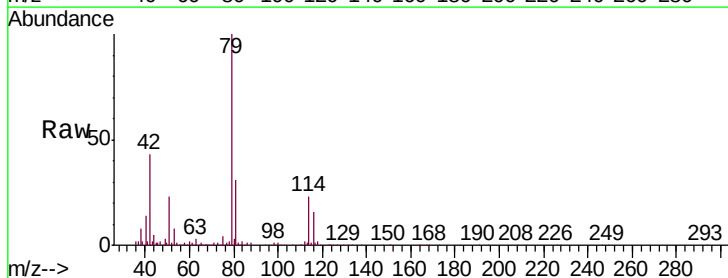
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK43

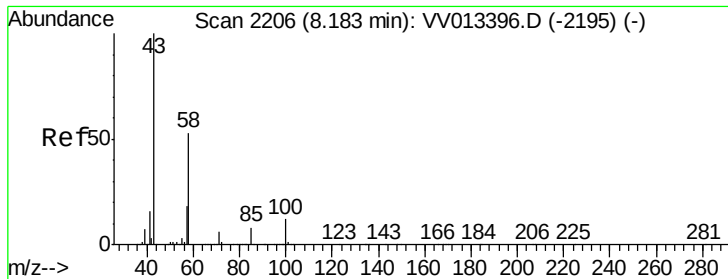
Tgt Ion: 63 Resp: 21560
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.02 min
 Lab File: VV013397.D
 Acq: 29 Oct 2019 16:12

Tgt Ion: 75 Resp: 3364
 Ion Ratio Lower Upper
 75 100
 77 33.4 21.5 39.9

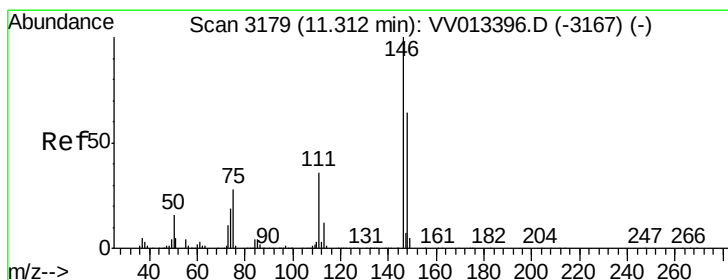
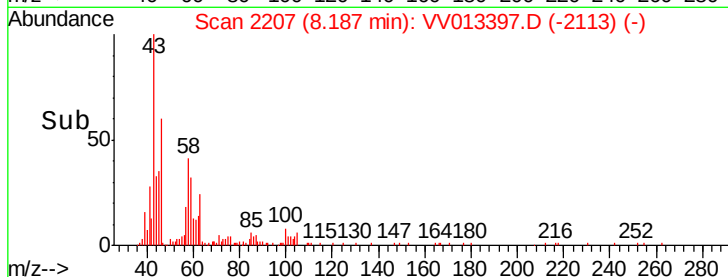
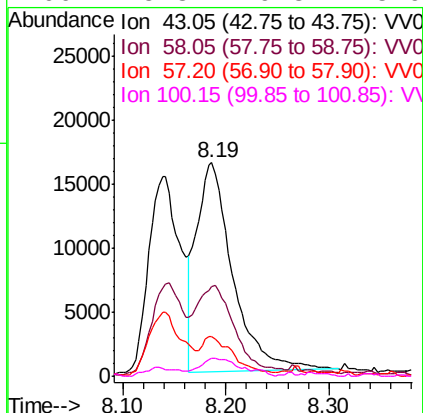
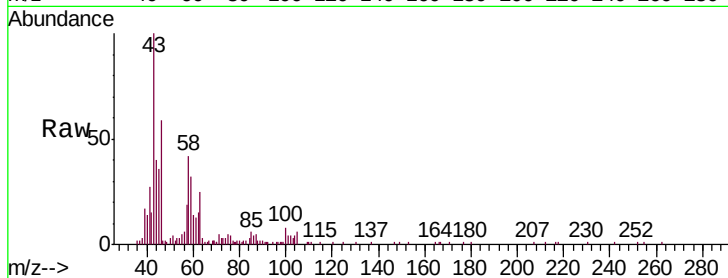




#48
2-Hexanone
Concen: 2.639 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013397.D
Acq: 29 Oct 2019 16:12

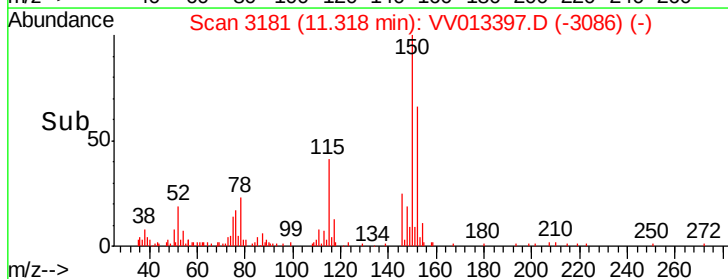
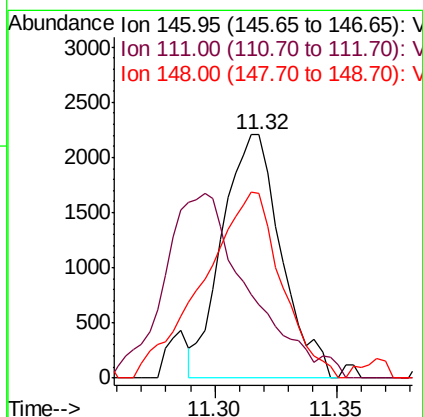
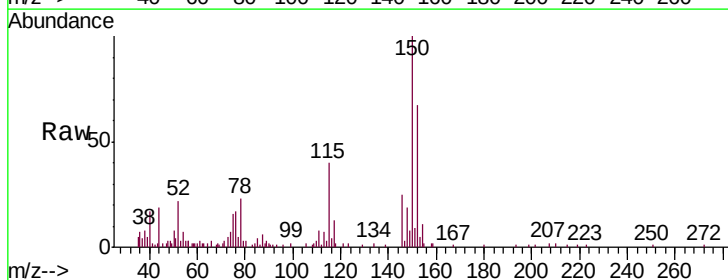
Instrument :
MSVOA_V
ClientSampled :
VBLK43

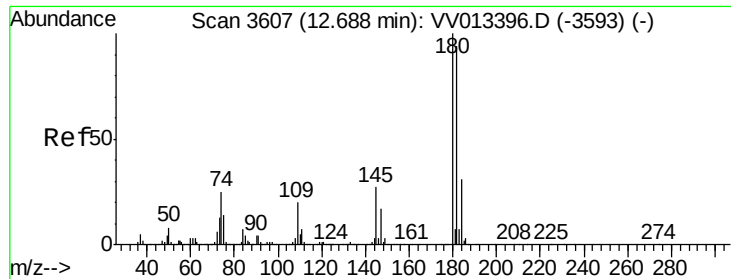
Tgt Ion:	43	Resp:	39565
Ion	Ratio	Lower	Upper
43	100		
58	43.0	43.5	65.3#
57	15.2	14.3	21.5
100	5.8	9.3	13.9#



#63
1,4-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.01 min
Lab File: VV013397.D
Acq: 29 Oct 2019 16:12

Tgt Ion:	146	Resp:	3694
Ion	Ratio	Lower	Upper
146	100		
111	30.4	25.4	47.2
148	76.1	44.9	83.5

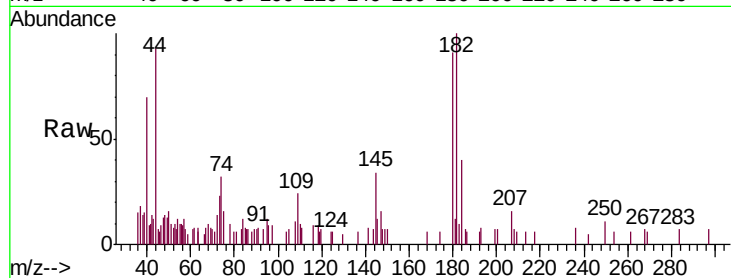




#67
 1,3,5-Trichlorobenzene
 Concen: 0.059 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
 Lab File: VV013397.D
 Acq: 29 Oct 2019 16:12

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.4	114.6
184	46.3	24.6	36.8
145	34.6	22.2	33.2



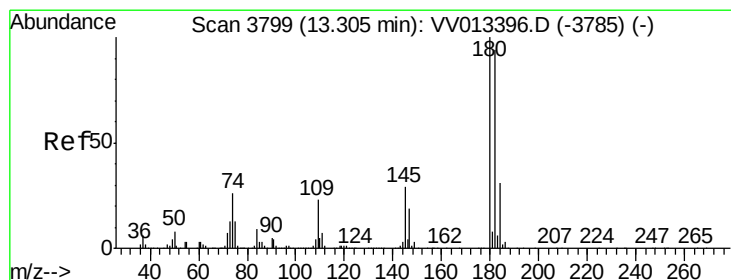
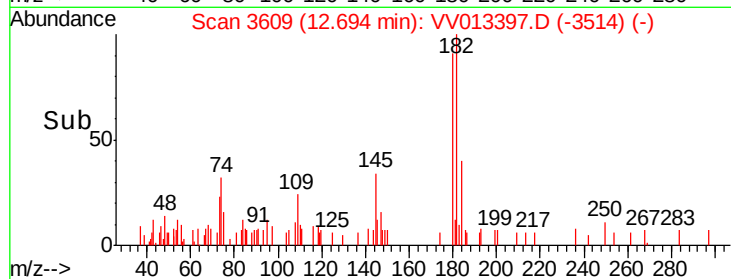
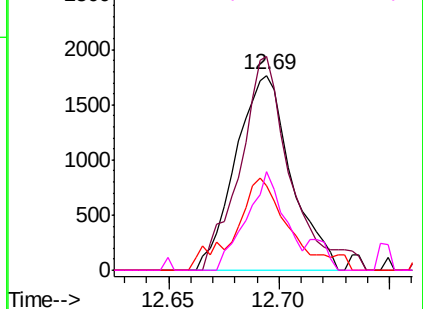
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

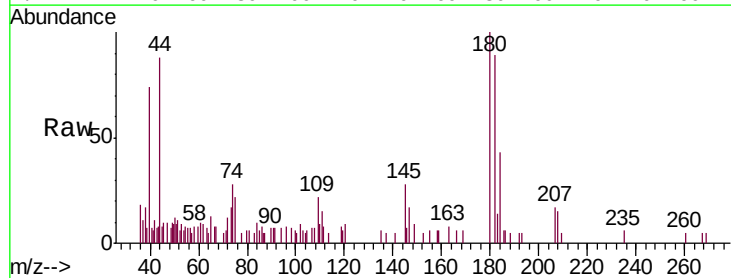
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.092 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: VV013397.D
 Acq: 29 Oct 2019 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.2	114.4
145	25.0	22.5	33.7

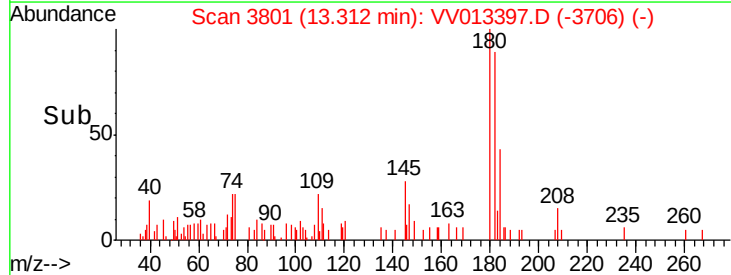
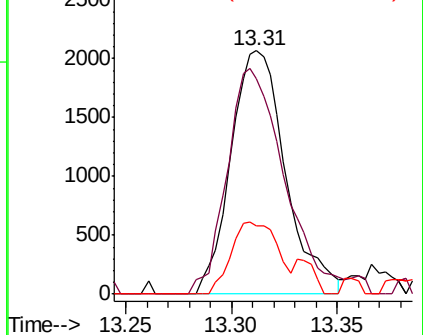


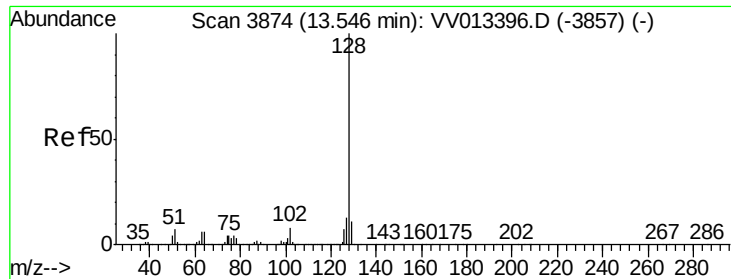
Abundance

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: 0.087 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.02 min

Lab File: VV013397.D

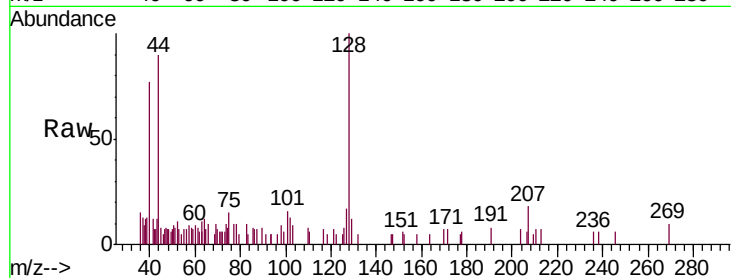
Acq: 29 Oct 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

VBLK43



Tgt Ion:	128	Resp:	4835
Ion	Ratio	Lower	Upper
128	100		
129	3.8	8.7	13.1#
127	12.1	10.6	16.0

