

Data File : VV011873.D
Acq On : 12 Jul 2019 18:18
Operator : SY/MD
Sample : K3785-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XL1

Quant Time: Jul 13 04:24:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:20:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157155	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66172	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62158	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	50715	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.13	63	88057	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.96	46	148911	60.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.16%
24) Chloroform-d	4.40	84	111283	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.08	65	61747	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.10	84	228419	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	71022	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	198063	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.67	79	22991	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	98342	52.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36847	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	69531	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

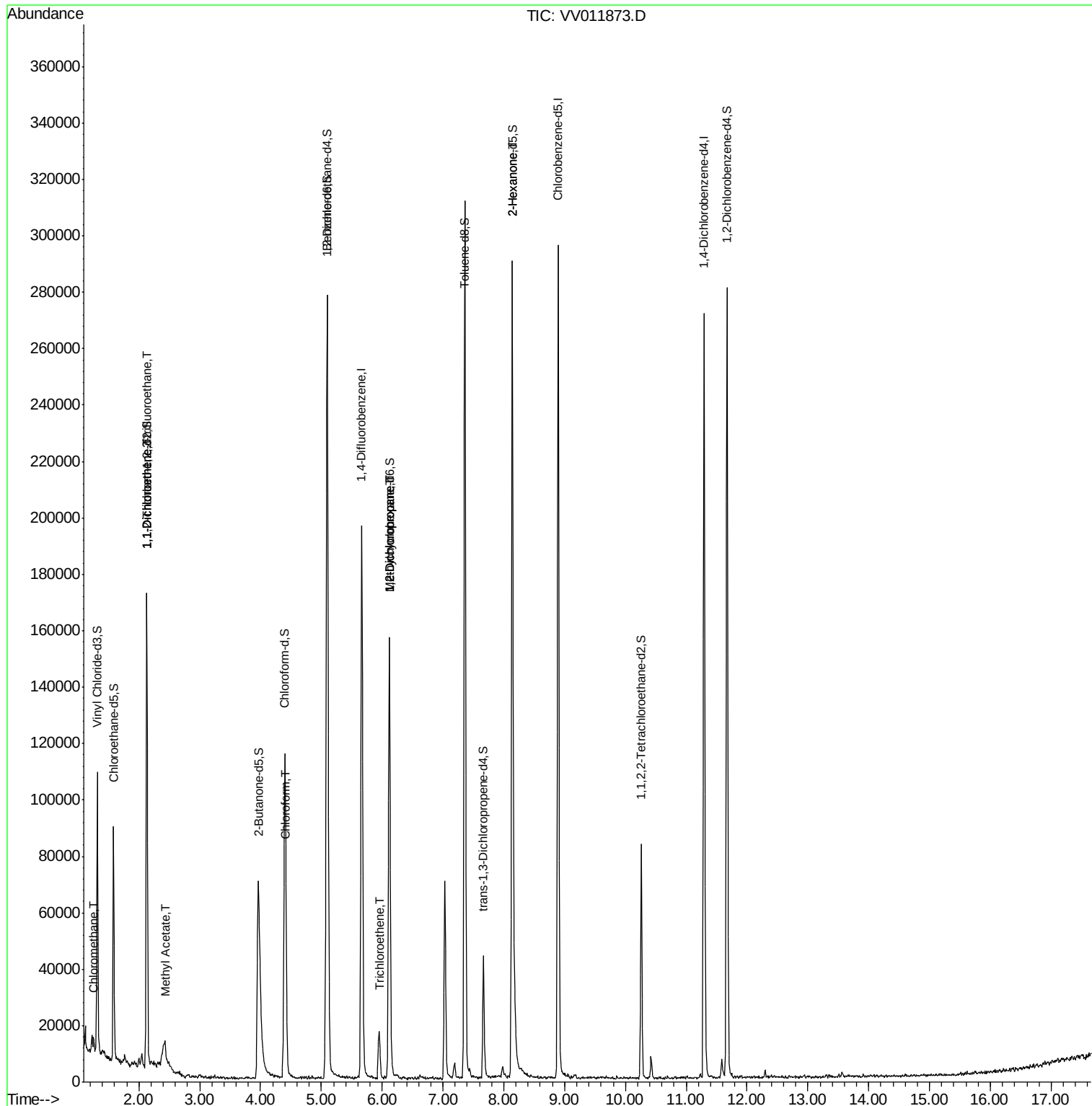
						Qvalue
3) Chloromethane	1.25	50	2775	0.182	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	879	0.096	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	891	0.106	ug/L #	1
15) Methyl Acetate	2.42	43	2081	0.576	ug/L #	62
25) Chloroform	4.43	83	2589	0.111	ug/L	82
34) Trichloroethene	5.96	95	1364	0.100	ug/L	84
35) Methylcyclohexane	6.12	83	17222	0.860	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8885	0.742	ug/L #	84
48) 2-Hexanone	8.14	43	14529	2.842	ug/L #	75

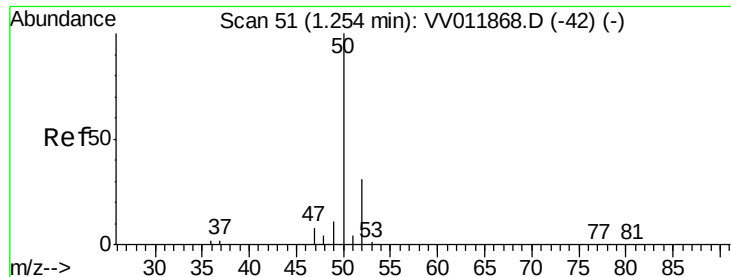
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.182 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011873.D

Acq: 12 Jul 2019 18:18

Instrument :

MSVOA_V

ClientSampled :

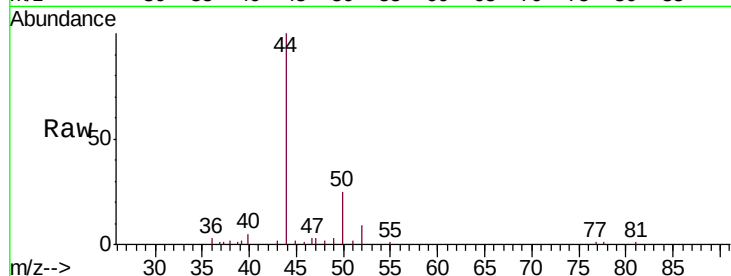
C0XL1

Tgt Ion: 50 Resp: 2775

Ion Ratio Lower Upper

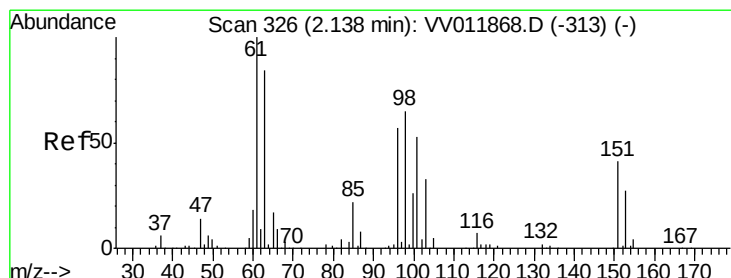
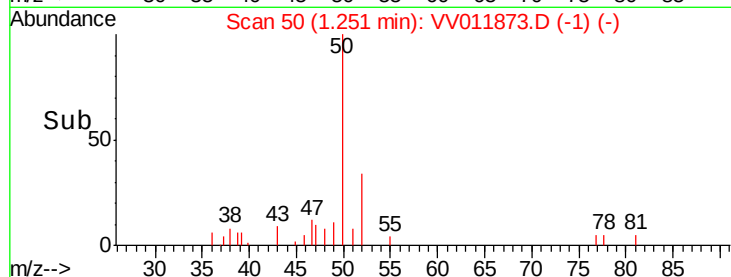
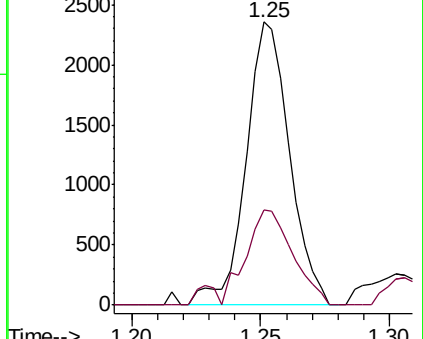
50 100

52 33.8 22.0 41.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.096 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV011873.D

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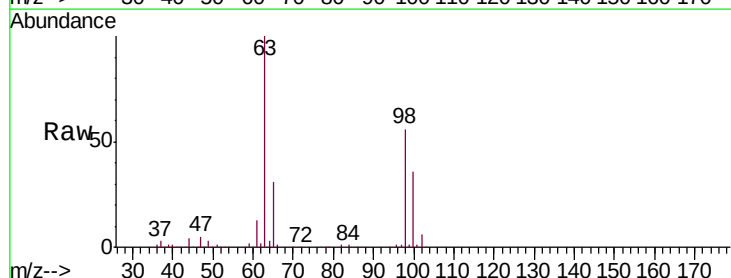
Tgt Ion: 101 Resp: 879

Ion Ratio Lower Upper

101 100

85 6.4 34.8 52.2#

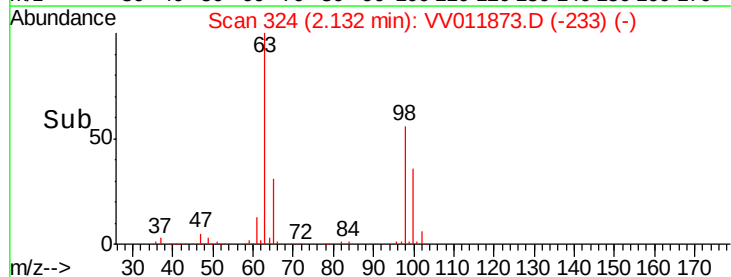
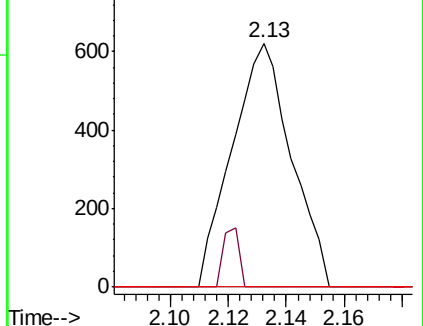
151 0.0 60.8 91.2#

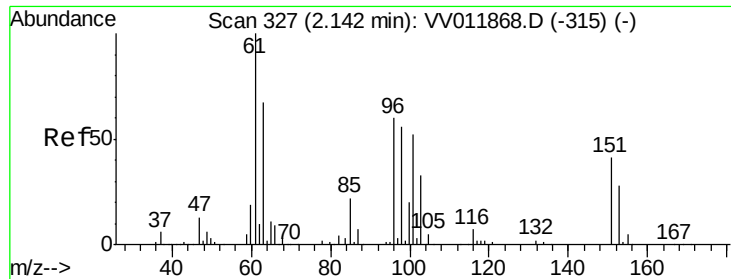


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

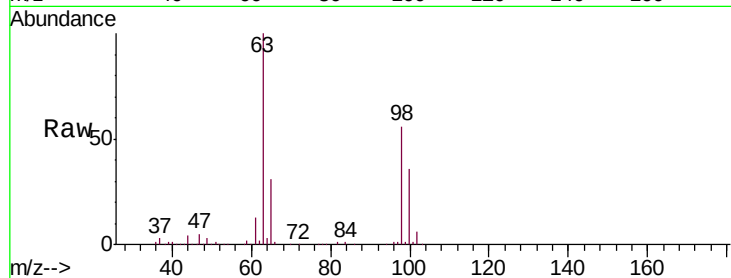




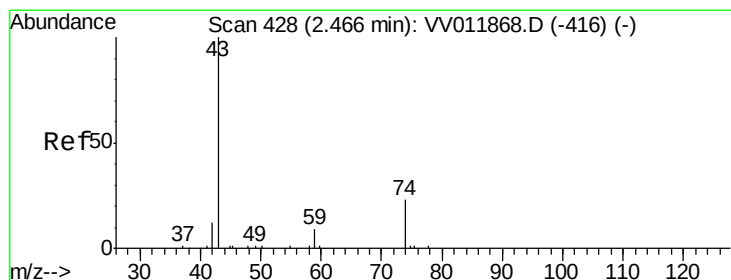
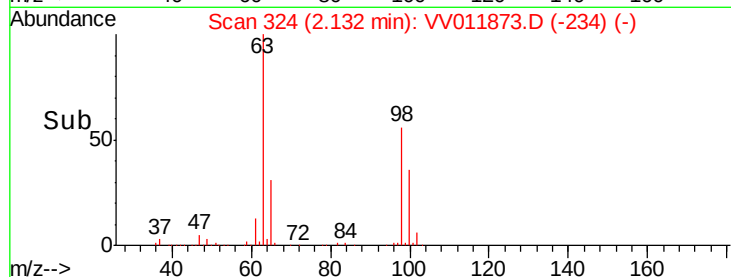
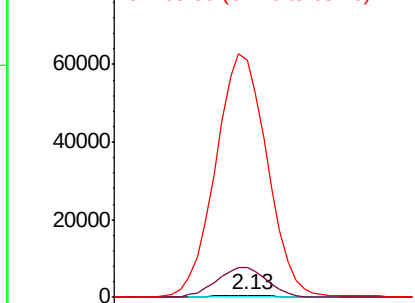
#12
 1,1-Dichloroethene
 Concen: 0.106 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV011873.D
 Acq: 12 Jul 2019 18:18

Instrument :
 MSVOA_V
 ClientSampled :
 C0XL1

Tgt Ion: 96 Resp: 891
 Ion Ratio Lower Upper
 96 100
 61 1374.0 128.1 237.9#
 63 10818.4 96.7 179.5#

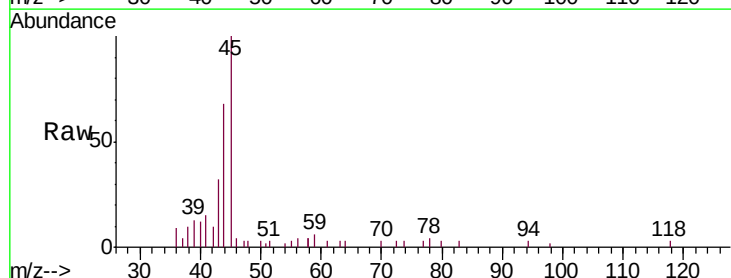


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

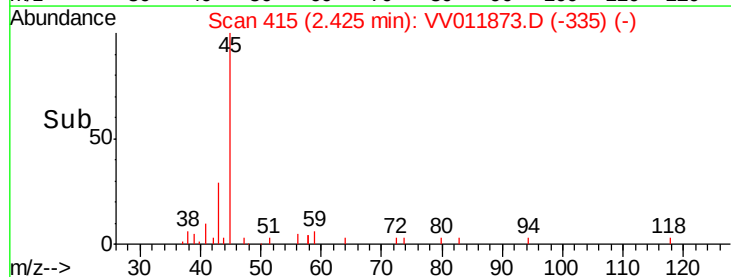
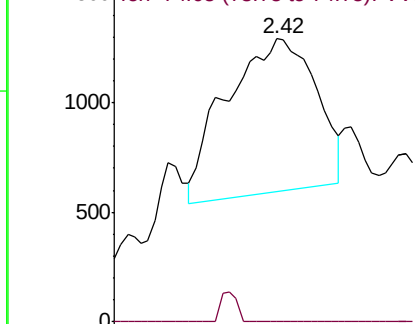


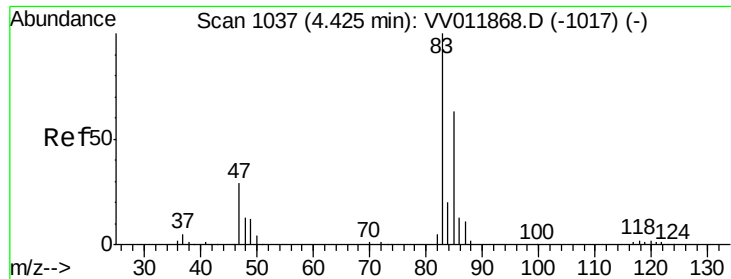
#15
 Methyl Acetate
 Concen: 0.576 ug/L
 RT: 2.42 min Scan# 415
 Delta R.T. -0.04 min
 Lab File: VV011873.D
 Acq: 12 Jul 2019 18:18

Tgt Ion: 43 Resp: 2081
 Ion Ratio Lower Upper
 43 100
 74 3.5 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 74.05 (73.75 to 74.75): VV0

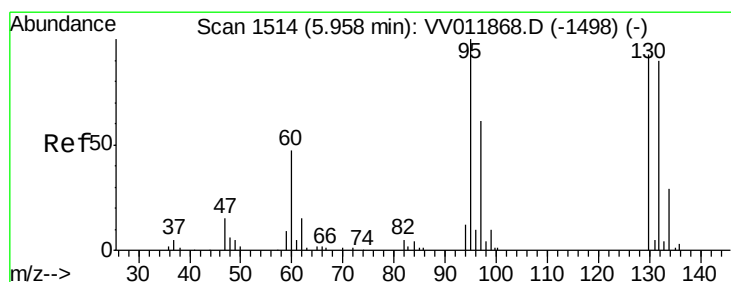
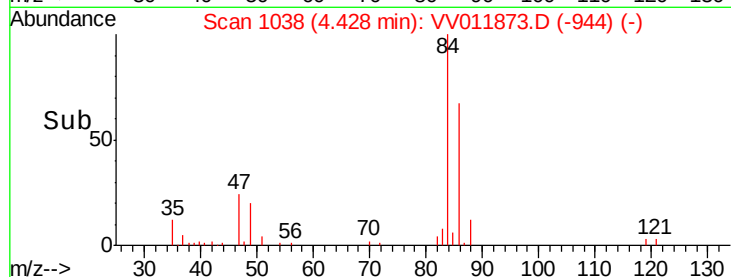
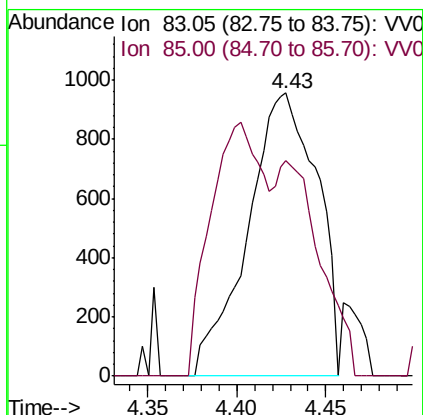
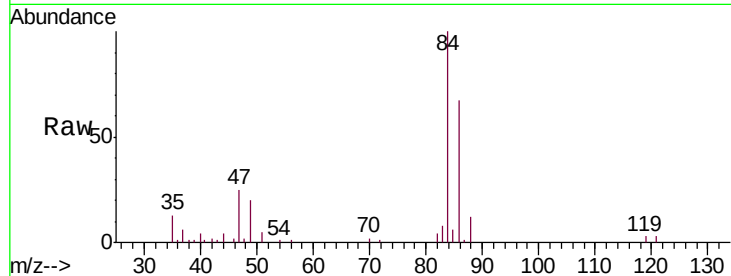




#25
Chloroform
Concen: 0.111 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011873.D
Acq: 12 Jul 2019 18:18

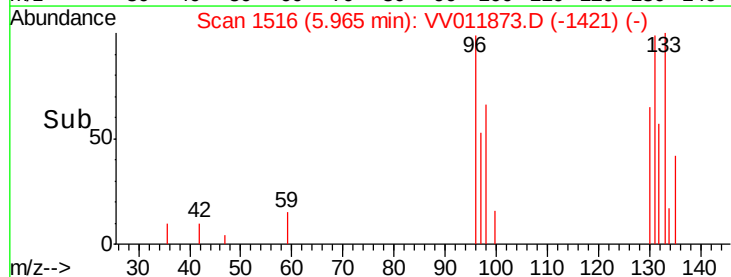
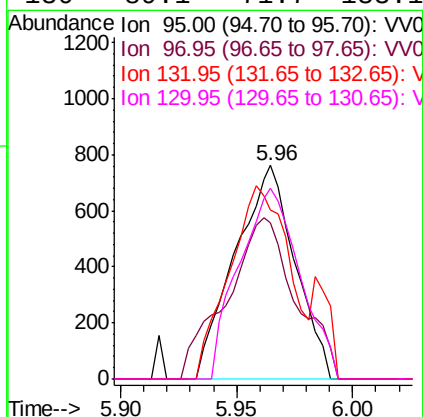
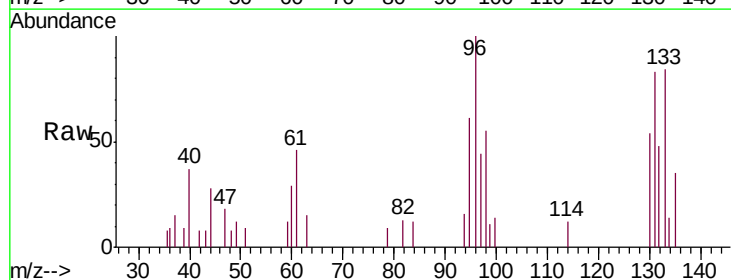
Instrument :
MSVOA_V
ClientSampled :
C0XL1

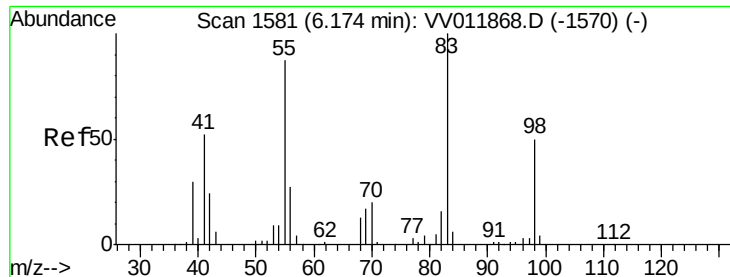
Tgt Ion: 83 Resp: 2589
Ion Ratio Lower Upper
83 100
85 76.2 43.8 81.4



#34
Trichloroethene
Concen: 0.100 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV011873.D
Acq: 12 Jul 2019 18:18

Tgt Ion: 95 Resp: 1364
Ion Ratio Lower Upper
95 100
97 72.8 43.2 80.2
132 78.9 68.8 127.8
130 89.1 71.7 133.1

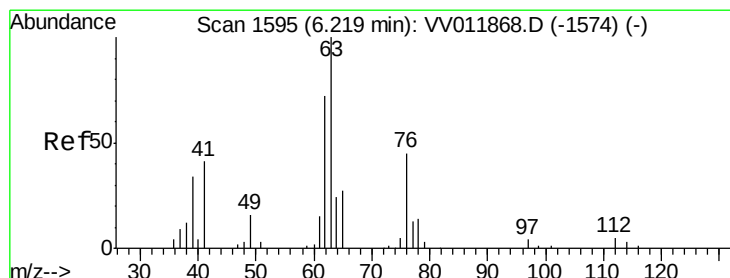
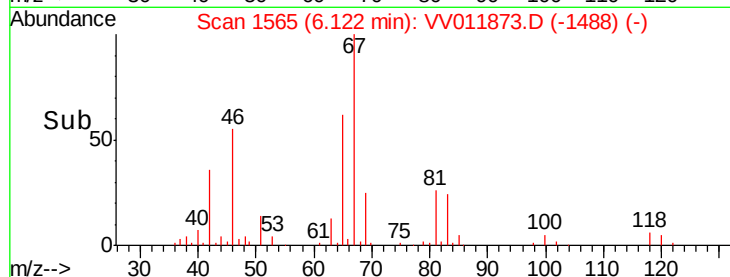
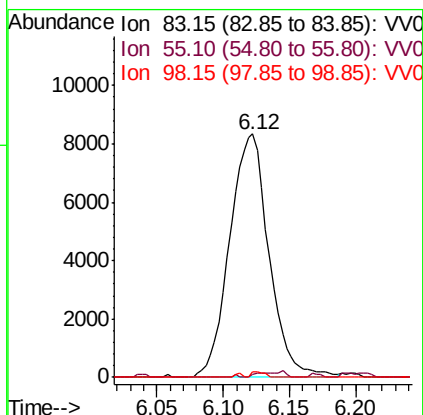
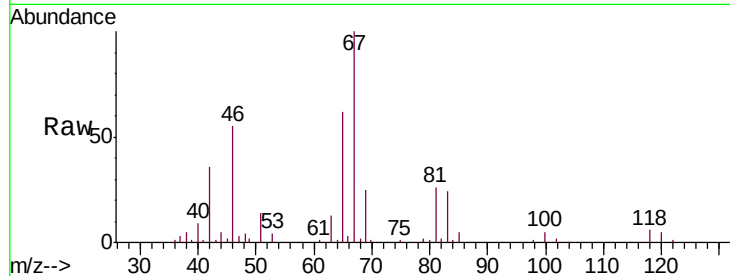




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV011873.D
Acq: 12 Jul 2019 18:18

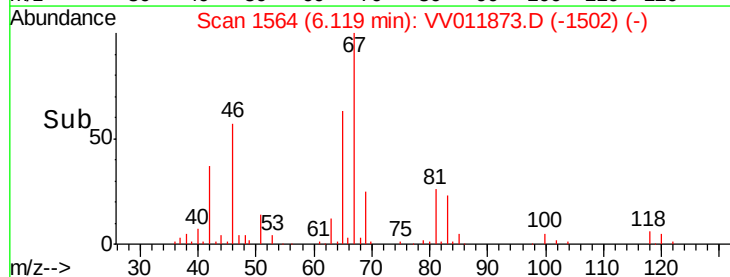
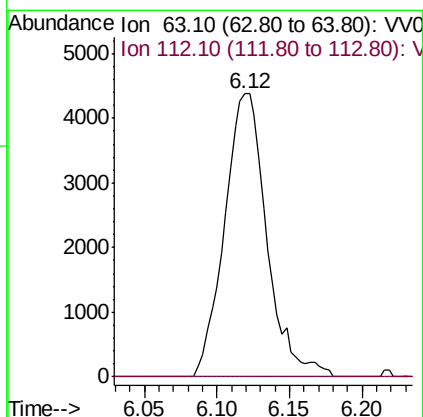
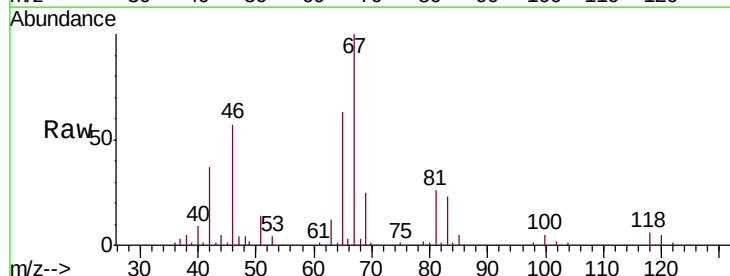
Instrument :
MSVOA_V
ClientSampleId :
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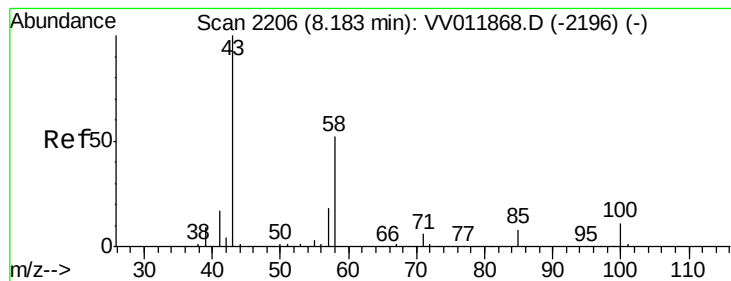
Tgt Ion: 83 Resp: 17222
Ion Ratio Lower Upper
83 100
55 0.6 63.6 95.4#
98 0.8 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011873.D
Acq: 12 Jul 2019 18:18

Tgt Ion: 63 Resp: 8885
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#48

2-Hexanone

Concen: 2.842 ug/L

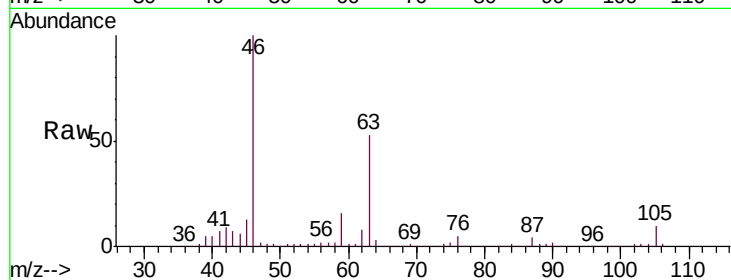
RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV011873.D

Acq: 12 Jul 2019 18:18

Instrument :
MSVOA_V
ClientSampleId :
C0XL1



Tgt Ion:	43	Resp:	14529
Ion	Ratio	Lower	Upper
43	100		
58	34.3	40.6	61.0#
57	30.5	14.4	21.6#
100	1.6	8.8	13.2#

