

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\
 Data File : VV014141.D
 Acq On : 19 Dec 2019 19:47
 Operator : SY/MD
 Sample : K6286-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDY9

Manual Integrations
 APPROVED

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 12/20/2019 10:49:39 AM

Quant Time: Dec 20 08:32:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 07:12:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	357310	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149514	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89693	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	91813	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	117077	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.92	46	289084	62.88	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.76%
24) Chloroform-d	4.40	84	213241	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	109536	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	368467	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.11	67	129065	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	263350	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	7.66	79	38050	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.13	63	186888	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	96676	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	119796	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	6305m	0.295	ug/L	
9) Trichlorofluoromethane	1.77	101	6179	0.186	ug/L	86
13) Acetone	2.19	43	8618m	2.681	ug/L	
18) trans-1,2-Dichloroethene	2.79	96	9813	0.506	ug/L	95
19) 1,1-Dichloroethane	3.23	63	18345	0.474	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	250555	11.014	ug/L	96
25) Chloroform	4.42	83	10120	0.246	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	7128	0.200	ug/L	95
34) Trichloroethene	5.95	95	483018	20.511	ug/L	97
47) Tetrachloroethene	8.02	164	3350	0.164	ug/L	91

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

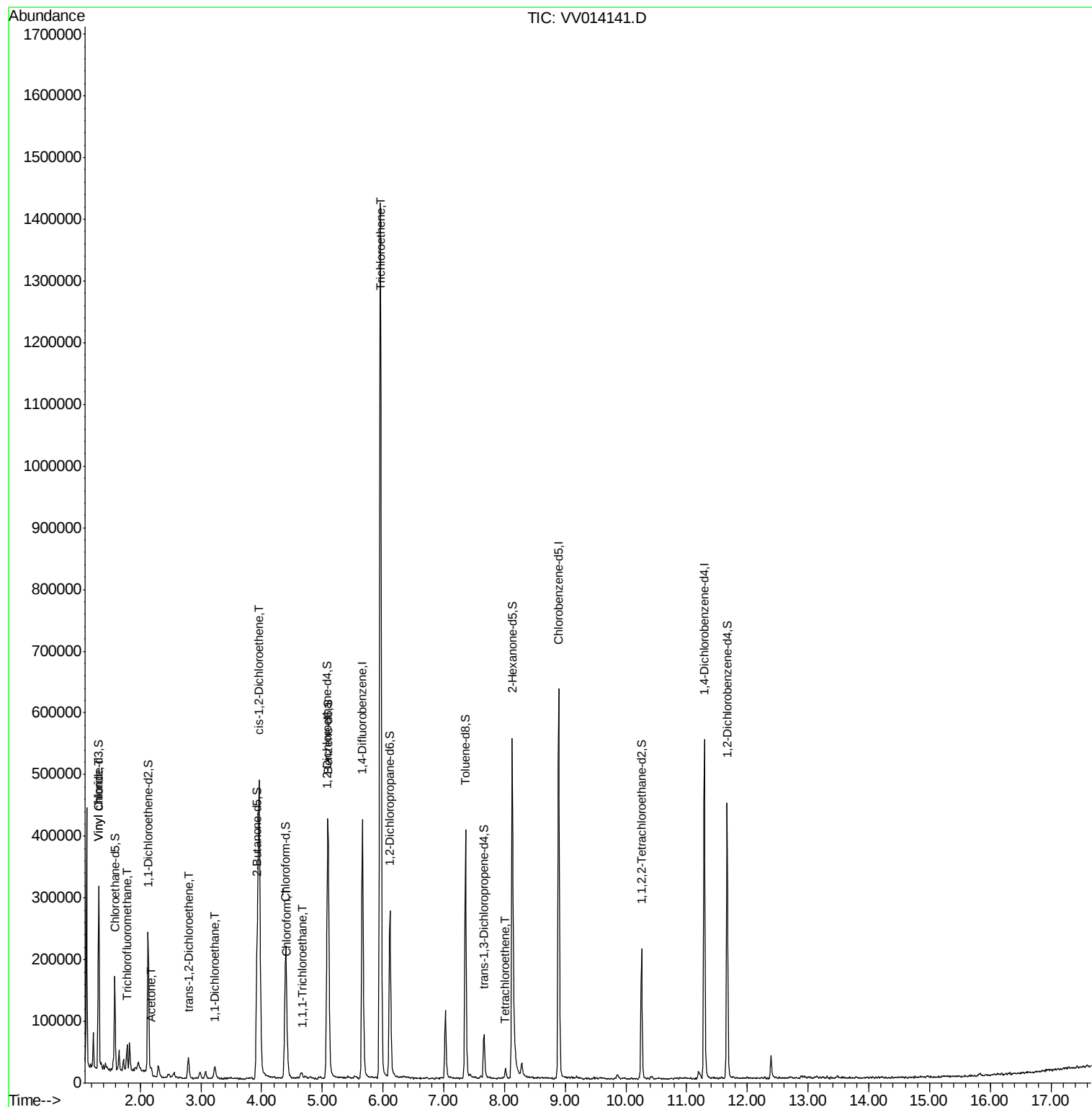
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121919\
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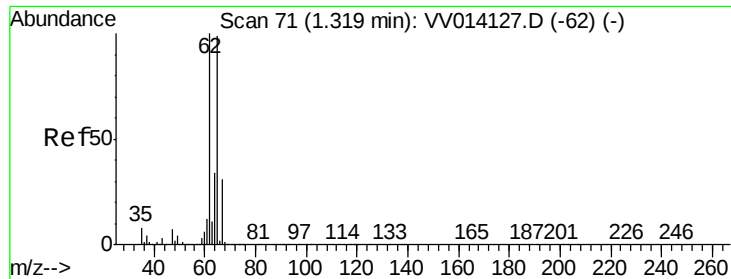
Instrument :
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QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.295 ug/L m

RT: 1.32 min Scan# 73

Delta R.T. 0.01 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Instrument :

MSVOA_V

ClientSampleId :

BFDY9

Tot Ion: 62 Resp: 6305

Ion Ratio Lower Upper

62 100

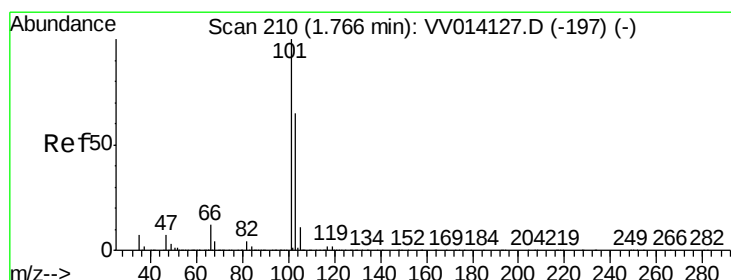
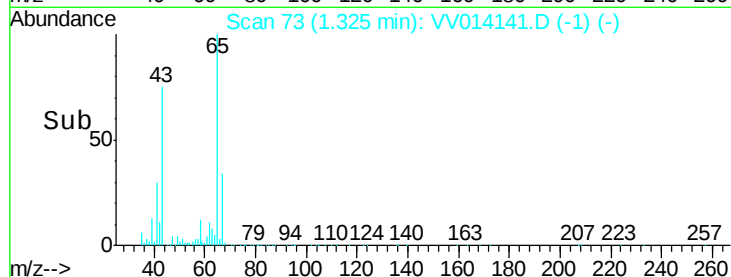
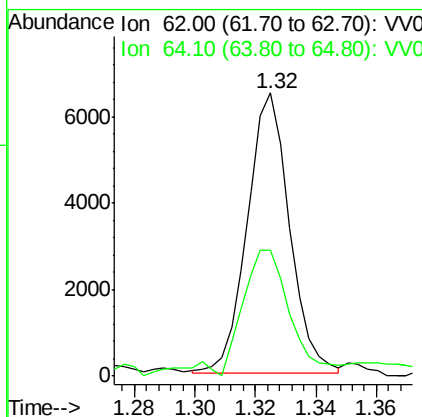
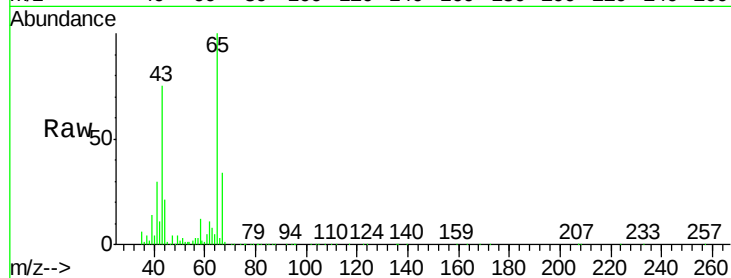
64 44.5 23.3 43.3#

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#9

Trichlorofluoromethane

Concen: 0.186 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.01 min

Lab File: VV014141.D

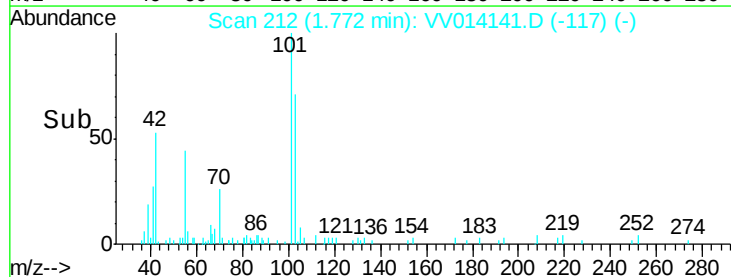
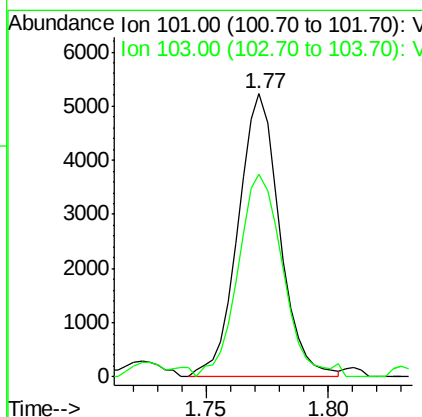
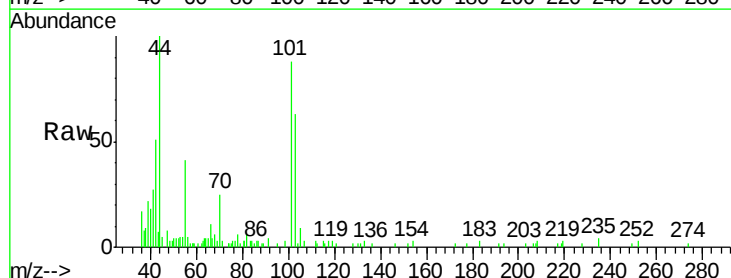
Acq: 19 Dec 2019 19:47

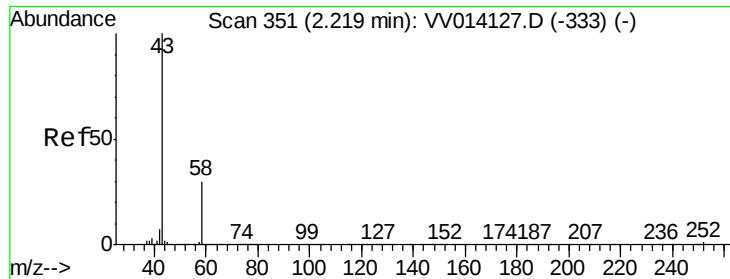
Tgt Ion: 101 Resp: 6179

Ion Ratio Lower Upper

101 100

103 76.9 52.9 79.3





#13

Acetone

Concen: 2.681 ug/L m

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Instrument :

MSVOA_V

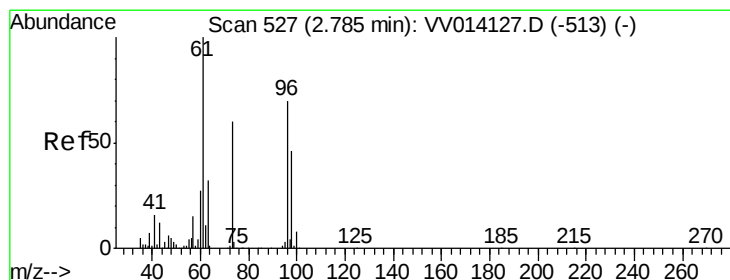
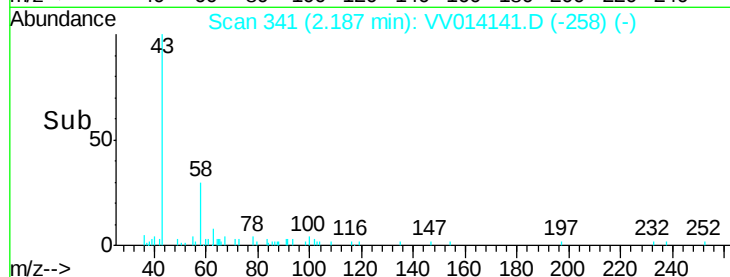
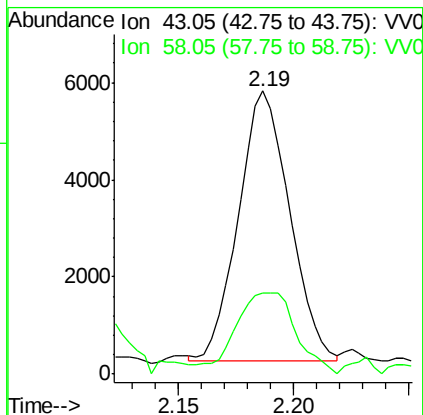
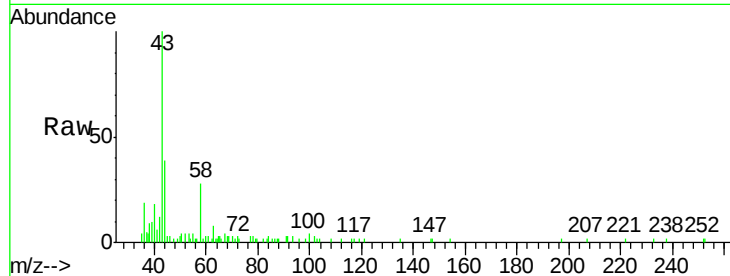
ClientSampleId :

BFDY9

Tot Ion	Ratio	Lower	Upper
43	100		
58	8.4	0.0	27.2

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#18

trans-1,2-Dichloroethene

Concen: 0.506 ug/L

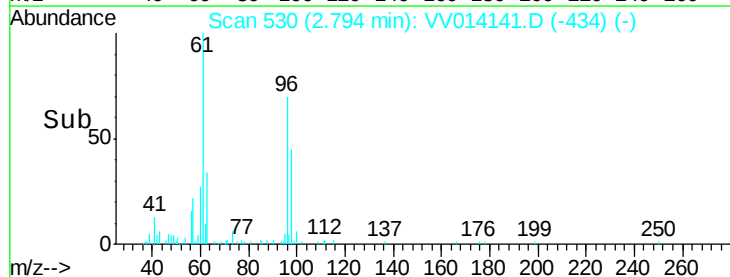
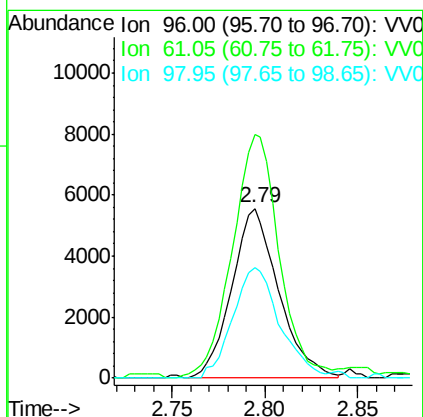
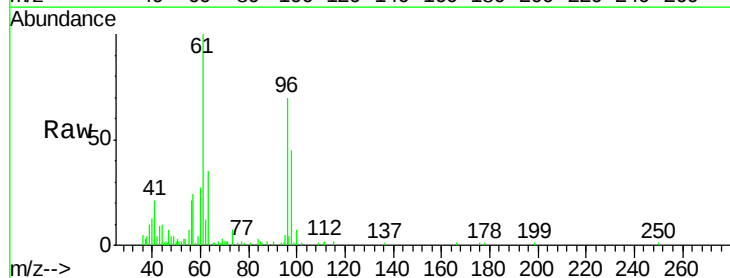
RT: 2.79 min Scan# 530

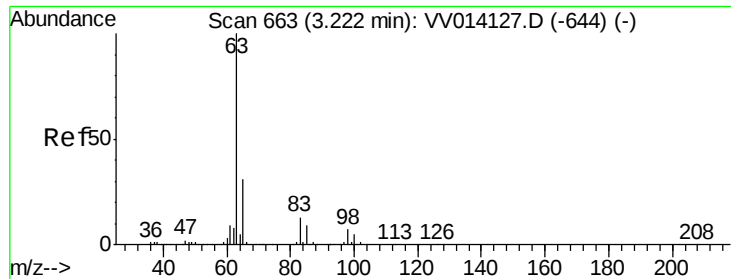
Delta R.T. 0.01 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	95.1	176.7
98	65.0	46.5	86.3





#19

1,1-Dichloroethane

Concen: 0.474 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.01 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Instrument :

MSVOA_V

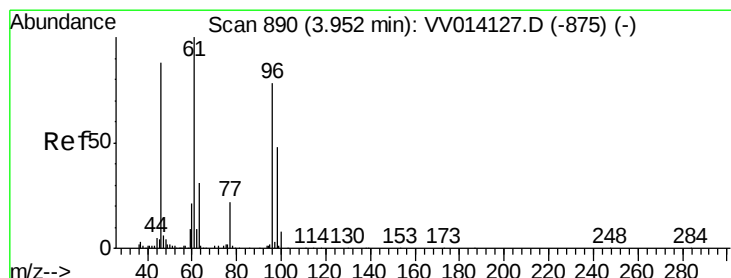
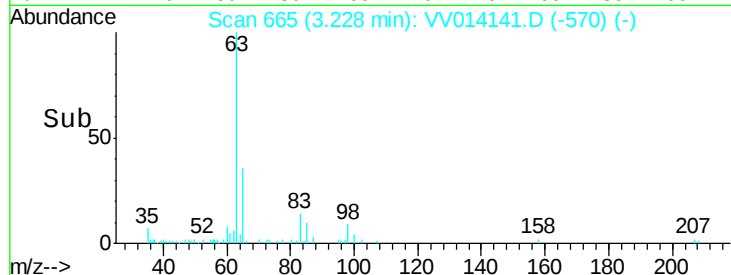
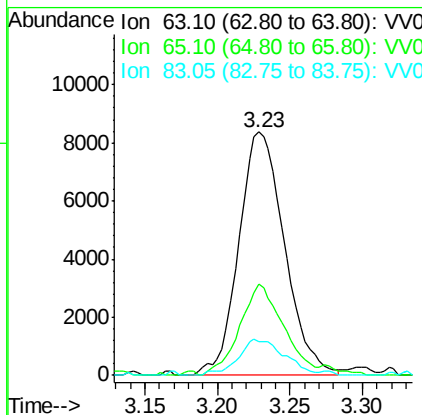
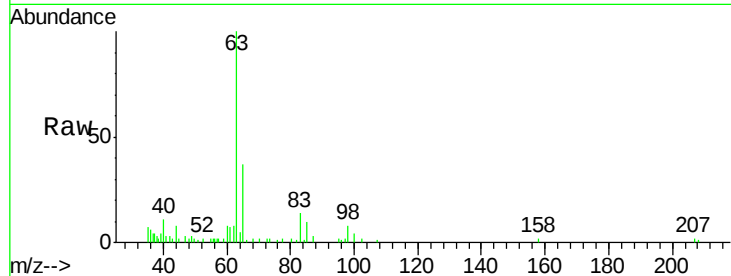
ClientSampleId :

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Tot Ion:	63	Resp:	18345
Ion Ratio	Lower	Upper	
63	100		
65	37.3	22.7	42.1
83	13.9	9.2	17.2

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#22

cis-1,2-Dichloroethene

Concen: 11.014 ug/L

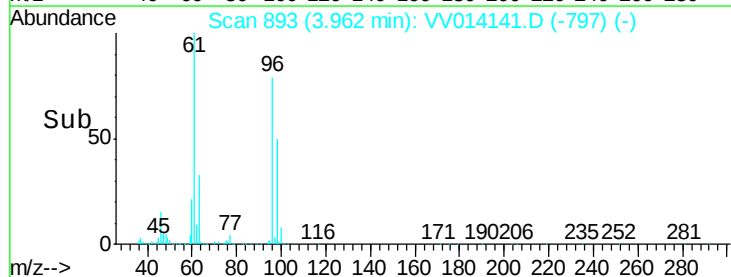
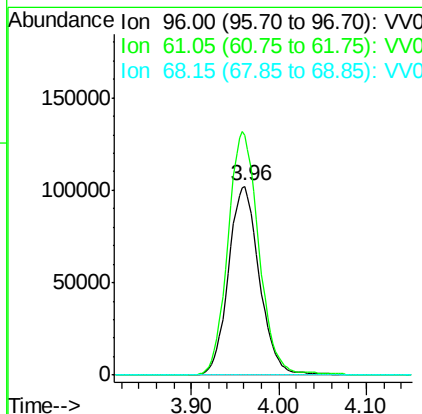
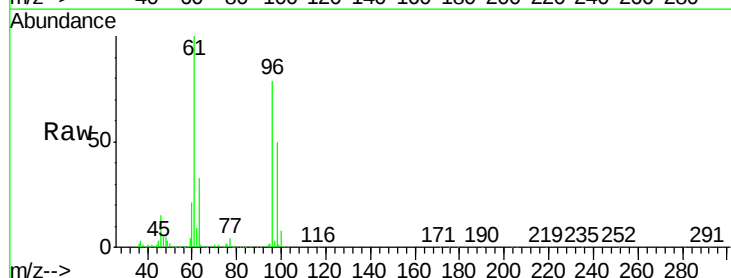
RT: 3.96 min Scan# 893

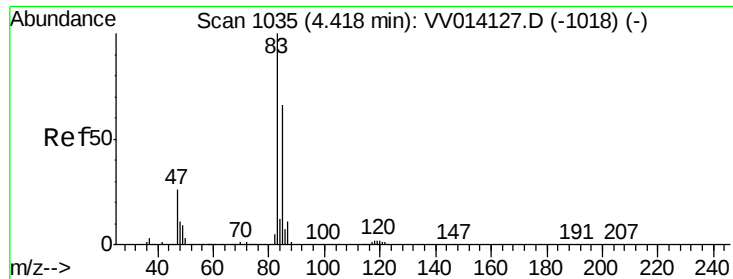
Delta R.T. 0.01 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Tgt Ion:	96	Resp:	250555
Ion Ratio	Lower	Upper	
96	100		
61	127.0	86.1	159.9
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.246 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Instrument :

MSVOA_V

ClientSampleId :

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Tot Ion: 83 Resp: 10120

Ion Ratio Lower Upper

83 100

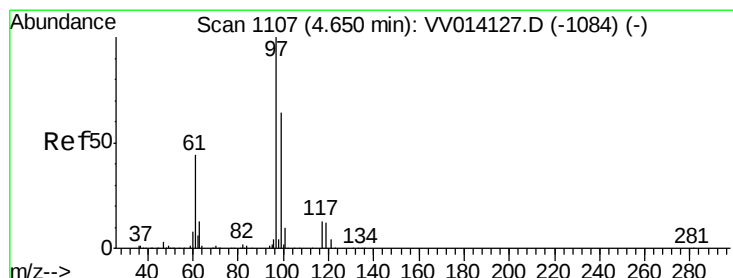
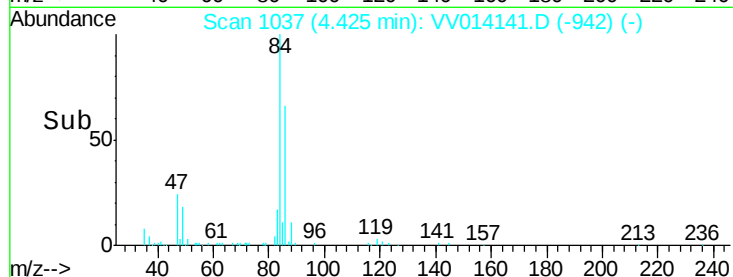
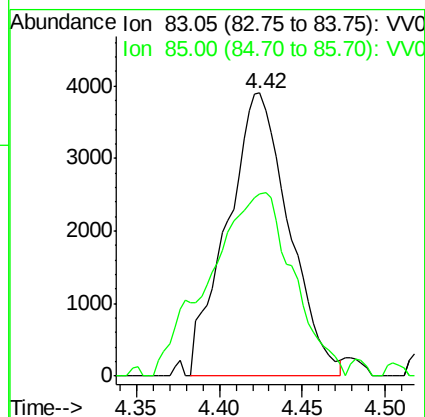
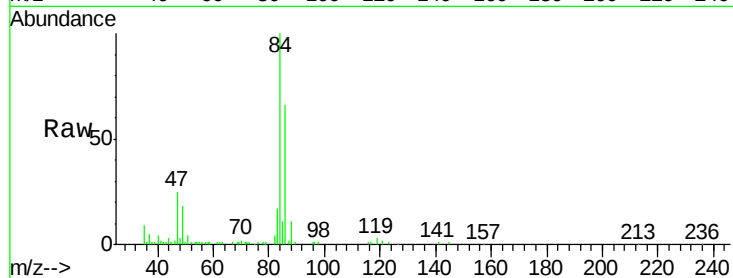
85 64.2 45.1 83.7

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#29

1,1,1-Trichloroethane

Concen: 0.200 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

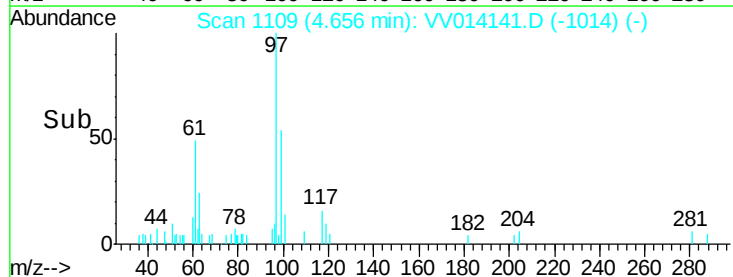
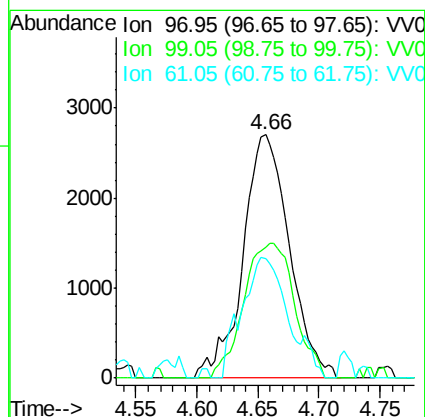
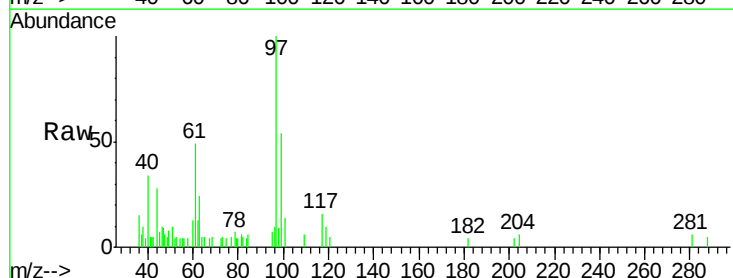
Tgt Ion: 97 Resp: 7128

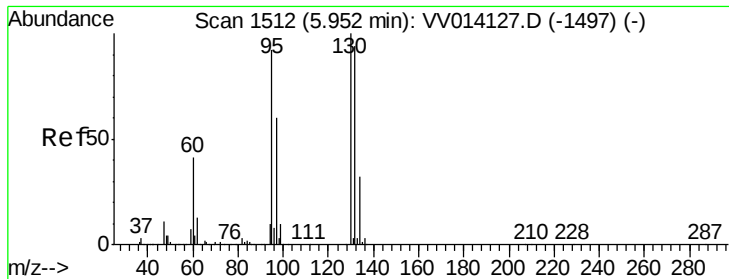
Ion Ratio Lower Upper

97 100

99 60.5 51.7 77.5

61 46.1 35.0 52.6





#34

Trichloroethene

Concen: 20.511 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Instrument :

MSVOA_V

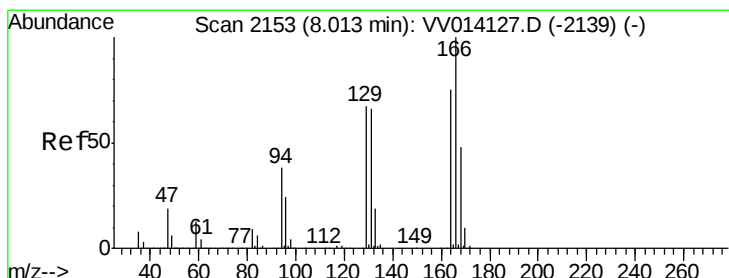
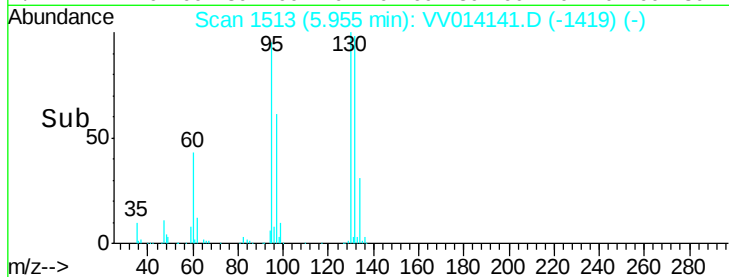
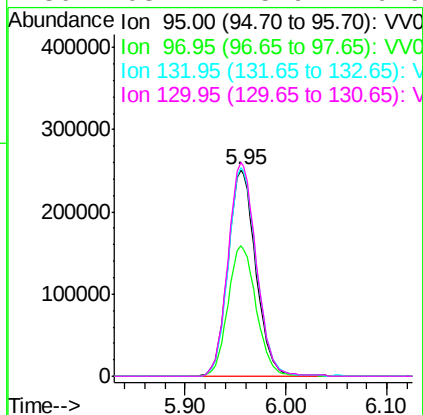
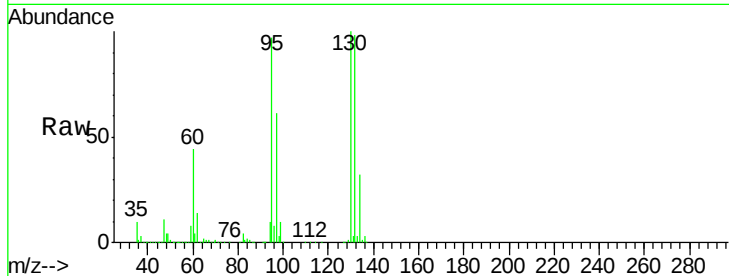
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
95	100	483018		
97	63.0		45.6	84.8
132	101.0		70.5	130.9
130	103.4		75.9	140.9

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#47

Tetrachloroethene

Concen: 0.164 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV014141.D

Acq: 19 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	3350		
129	95.0		60.3	112.1
131	100.3		59.9	111.3
166	123.6		89.1	165.5

