

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013818.D
 Acq On : 27 Nov 2019 12:50
 Operator : SY/MD
 Sample : K6004-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE4

Manual Integrations
 APPROVED

mohammad
 12/2/2019 3:15:23 PM

Quant Time: Nov 29 02:09:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	324621	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	311552	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79709	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	81878	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	128211	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.92	46	230811	55.26	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	4.40	84	199600	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	98515	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	364935	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.11	67	118518	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	285108	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	7.66	79	37033	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.13	63	161865	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	84353	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	121755	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	47950	2.473 ug/L #	21
12) 1,1-Dichloroethene	2.14	96	33210	2.128 ug/L #	60
13) Acetone	2.19	43	10440m	3.574 ug/L	
16) Methylene chloride	2.53	84	2581	0.121 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	7018	0.398 ug/L	91
19) 1,1-Dichloroethane	3.23	63	42568	1.210 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	366667	17.741 ug/L	97
34) Trichloroethene	5.96	95	229644	10.893 ug/L	98

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

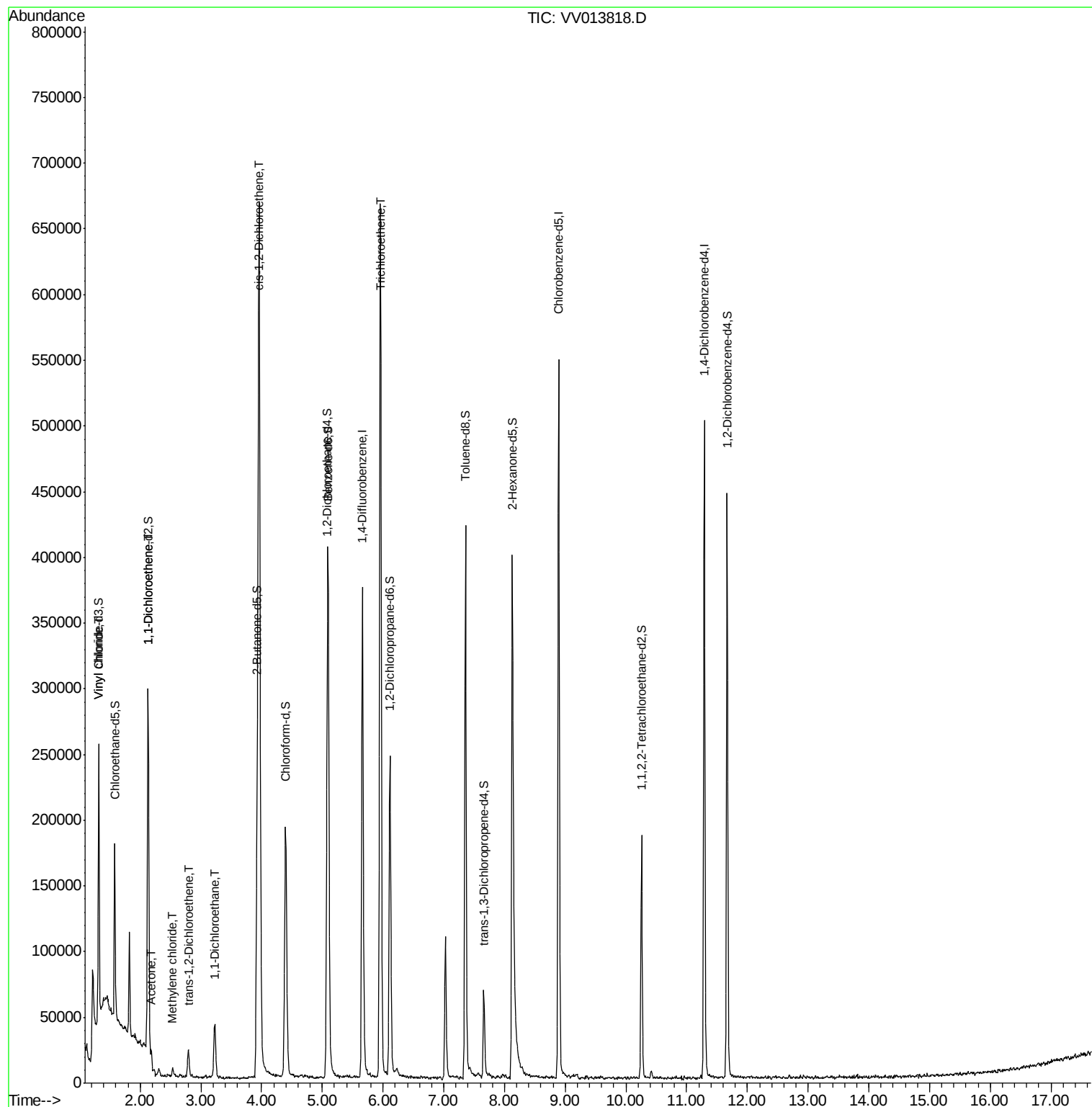
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013818.D
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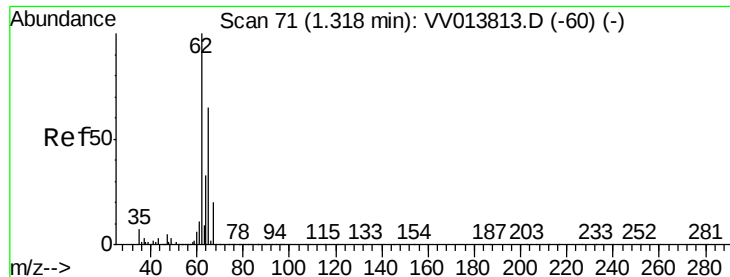
Instrument :
MSVOA_V
ClientSampleId :
B0AE4

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.473 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013818.D

Acq: 27 Nov 2019 12:50

Instrument :

MSVOA_V

ClientSampled :

B0AE4

Tgt Ion: 62 Resp: 47950

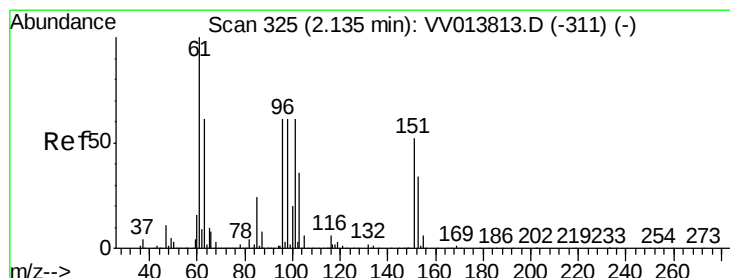
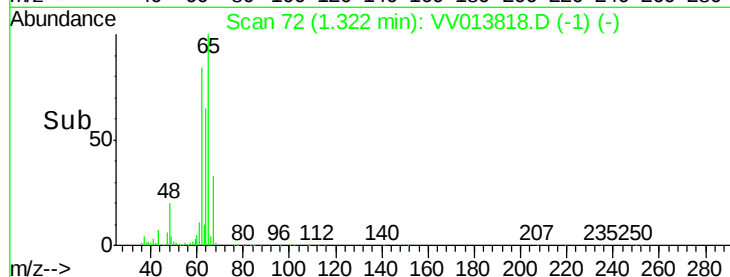
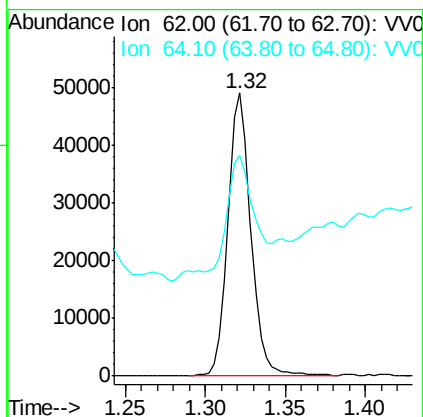
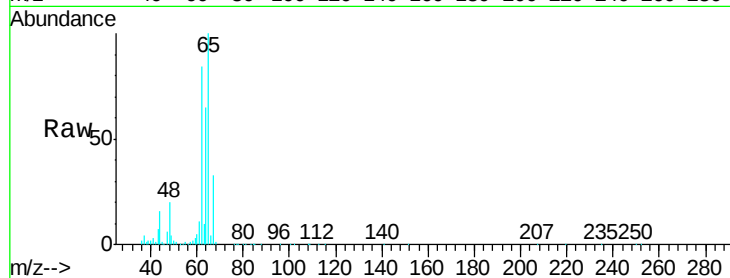
Ion Ratio Lower Upper

62 100

64 77.9 23.3 43.3#

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#12

1,1-Dichloroethene

Concen: 2.128 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013818.D

Acq: 27 Nov 2019 12:50

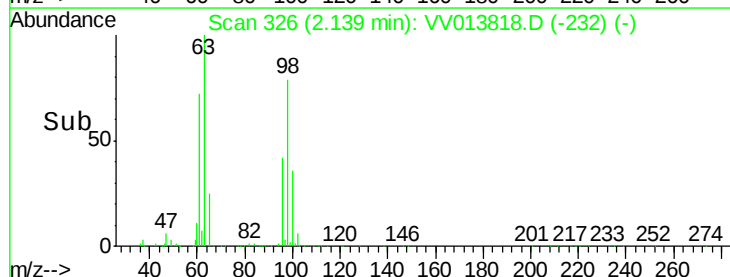
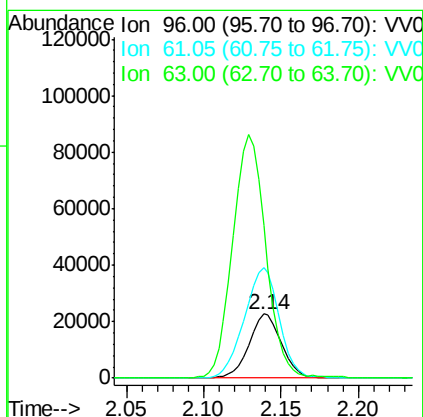
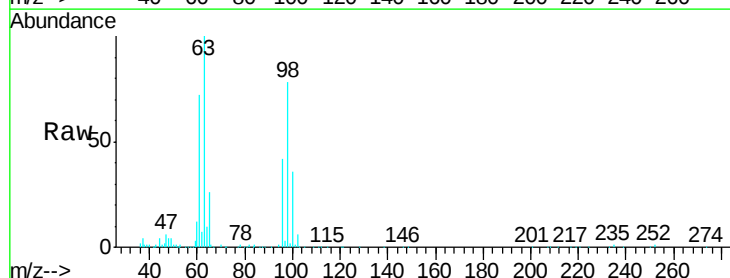
Tgt Ion: 96 Resp: 33210

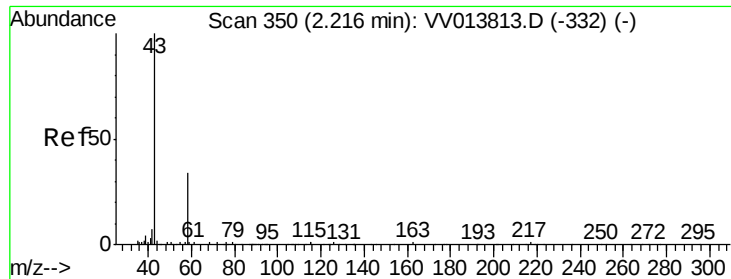
Ion Ratio Lower Upper

96 100

61 172.1 116.3 215.9

63 238.7 96.7 179.7#





#13

Acetone

Concen: 3.574 ug/L m

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV013818.D

Acq: 27 Nov 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

B0AE4

Tgt Ion: 43 Resp: 10440

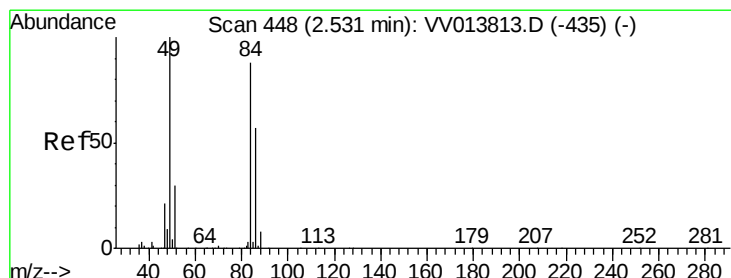
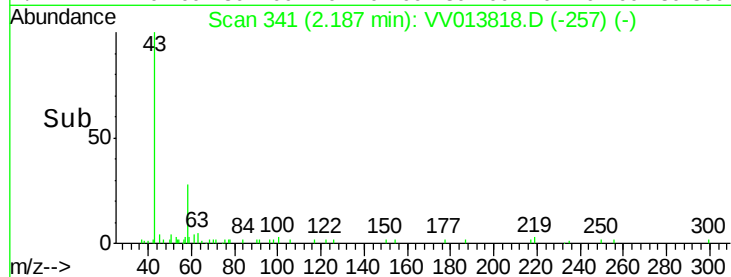
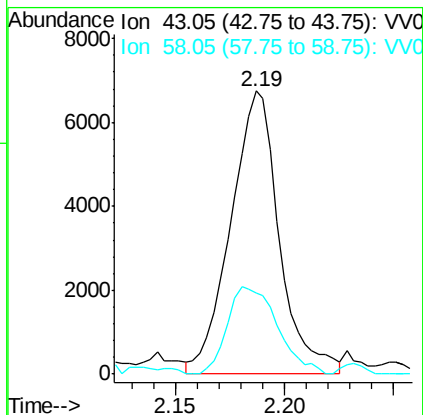
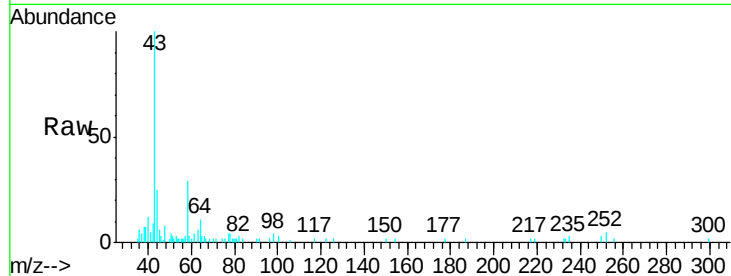
Ion Ratio Lower Upper

43 100

58 1.1 0.0 27.2

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#16

Methylene chloride

Concen: 0.121 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013818.D

Acq: 27 Nov 2019 12:50

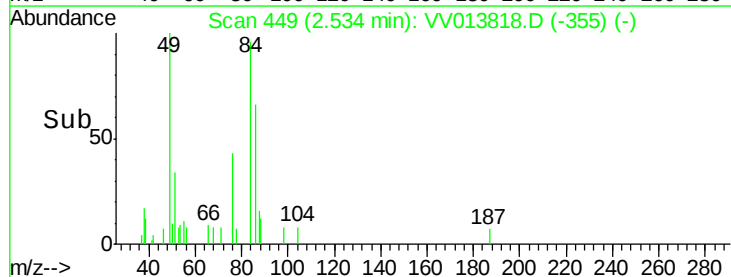
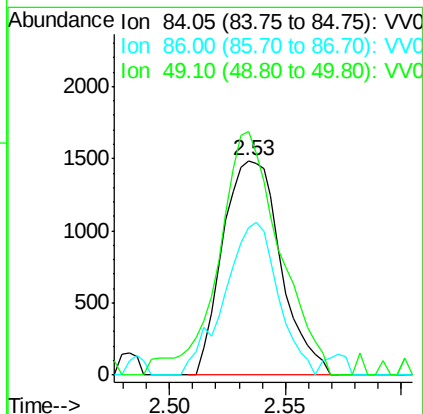
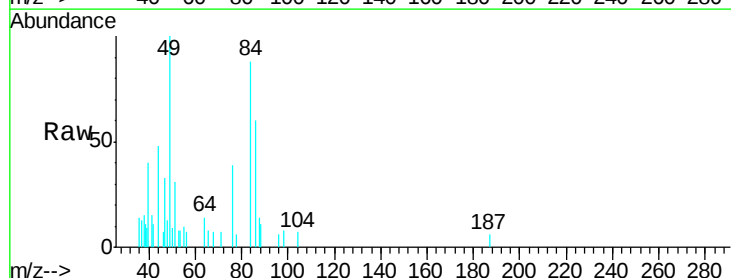
Tgt Ion: 84 Resp: 2581

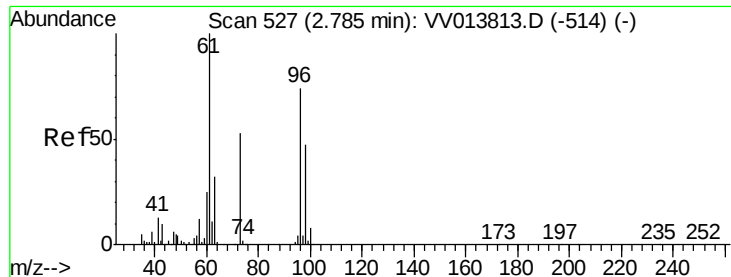
Ion Ratio Lower Upper

84 100

86 68.7 44.0 81.6

49 113.7 81.5 151.5





#18

trans-1,2-Dichloroethene

Concen: 0.398 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV013818.D

Acq: 27 Nov 2019 12:50

Instrument :

MSVOA_V

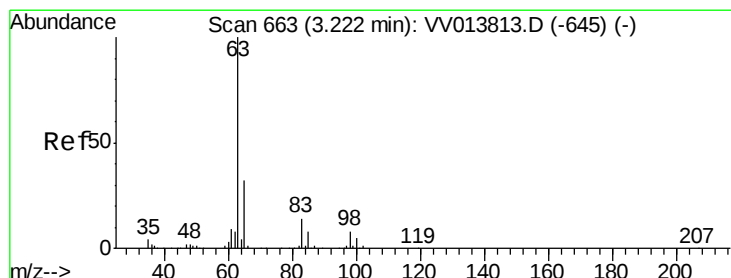
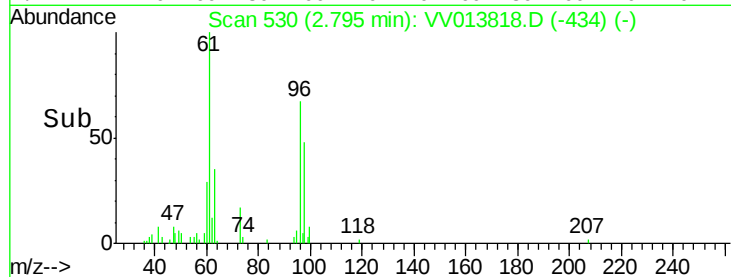
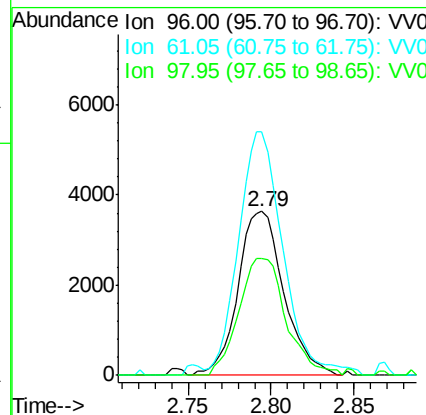
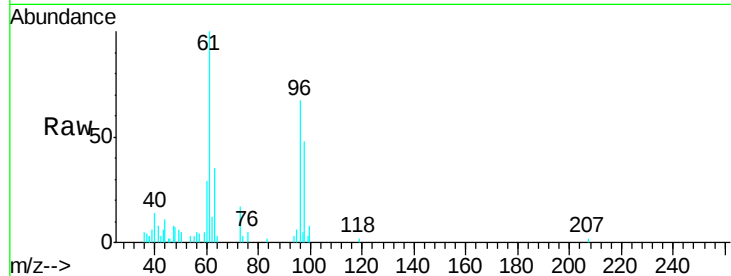
ClientSampleId :

B0AE4

Tgt Ion:	96	Resp:	7018
Ion	Ratio	Lower	Upper
96	100		
61	148.3	95.1	176.7
98	71.5	46.5	86.3

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#19

1,1-Dichloroethane

Concen: 1.210 ug/L

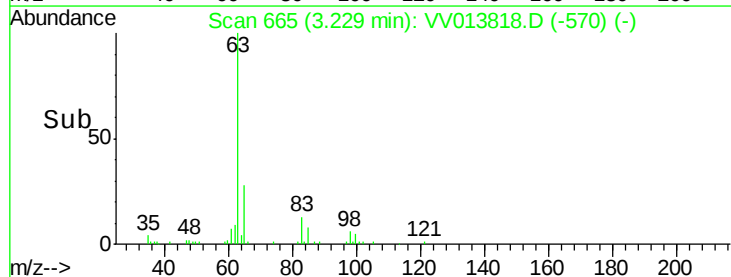
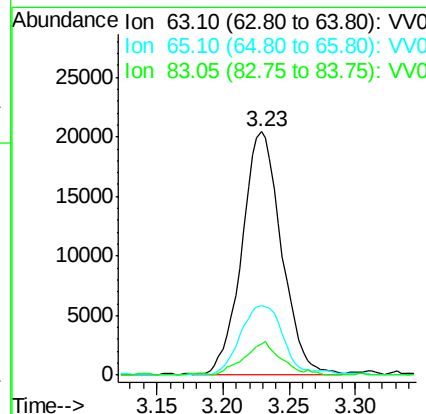
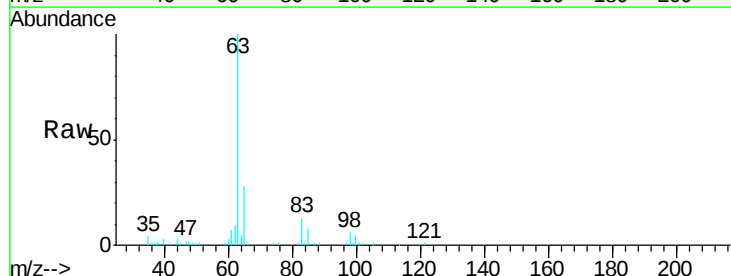
RT: 3.23 min Scan# 665

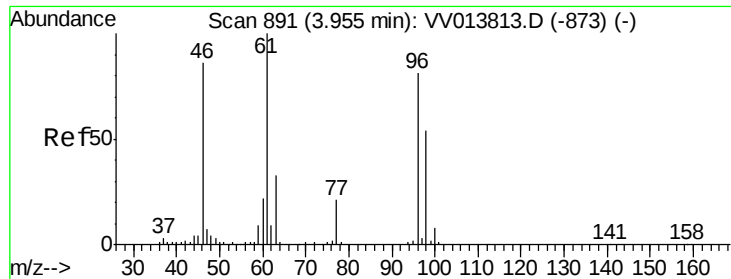
Delta R.T. 0.01 min

Lab File: VV013818.D

Acq: 27 Nov 2019 12:50

Tgt Ion:	63	Resp:	42568
Ion	Ratio	Lower	Upper
63	100		
65	28.4	22.7	42.1
83	12.8	9.2	17.2





#22

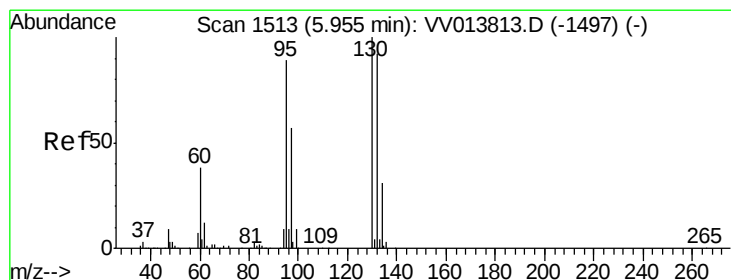
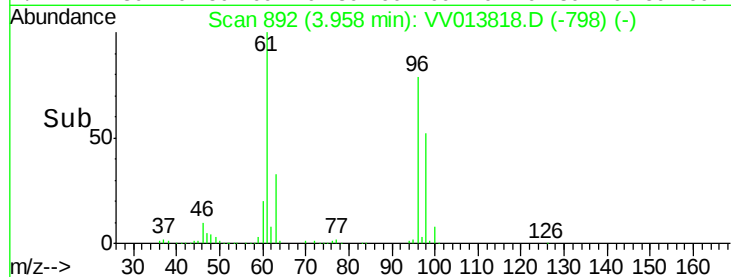
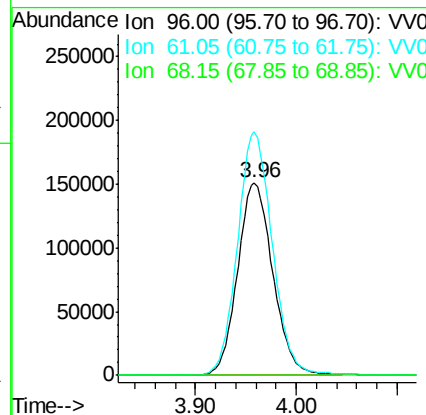
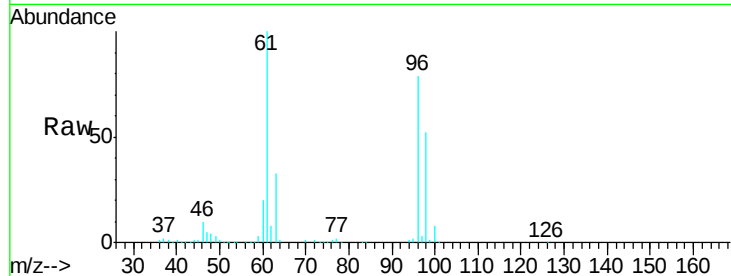
cis-1,2-Dichloroethene
Concen: 17.741 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013818.D
Acq: 27 Nov 2019 12:50

Instrument :
MSVOA_V
ClientSampleId :
B0AE4

Tgt Ion:	96	Resp:	366667
Ion Ratio	Lower	Upper	
96	100		
61	126.2	86.1	159.9
68	0.0	0.0	0.0

Manual Integrations
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#34

Trichloroethene
Concen: 10.893 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013818.D
Acq: 27 Nov 2019 12:50

Tgt Ion:	95	Resp:	229644
Ion Ratio	Lower	Upper	
95	100		
97	64.8	45.6	84.8
132	106.3	70.5	130.9
130	108.7	75.9	140.9

