

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013766.D
 Acq On : 25 Nov 2019 15:23
 Operator : SY/MD
 Sample : K5941-20DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD8DL

Manual Integrations
 APPROVED

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 11/26/2019 2:04:23 PM

Quant Time: Nov 26 06:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 04:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	365318	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98623	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	92580	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	239051	6.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.60%#
20) 2-Butanone-d5	3.95	46	279101	59.38	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.76%
24) Chloroform-d	4.40	84	221221	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	111931	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	423083	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.11	67	135805	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	362623	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	46317	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	208748	53.97	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102693	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	159102	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	61964	2.839	ug/L #	1
8) Chloroethane	1.60	64	23147	1.760	ug/L #	68
12) 1,1-Dichloroethene	2.14	96	196735	11.201	ug/L #	73
14) Carbon disulfide	2.32	76	4087	0.101	ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	41556	2.095	ug/L	99
19) 1,1-Dichloroethane	3.23	63	75295	1.902	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	13261	0.570	ug/L	98
27) 1,2-Dichloroethane	5.18	62	10620m	0.442	ug/L	
34) Trichloroethene	5.96	95	47446	2.001	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	2228	0.142	ug/L	89

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

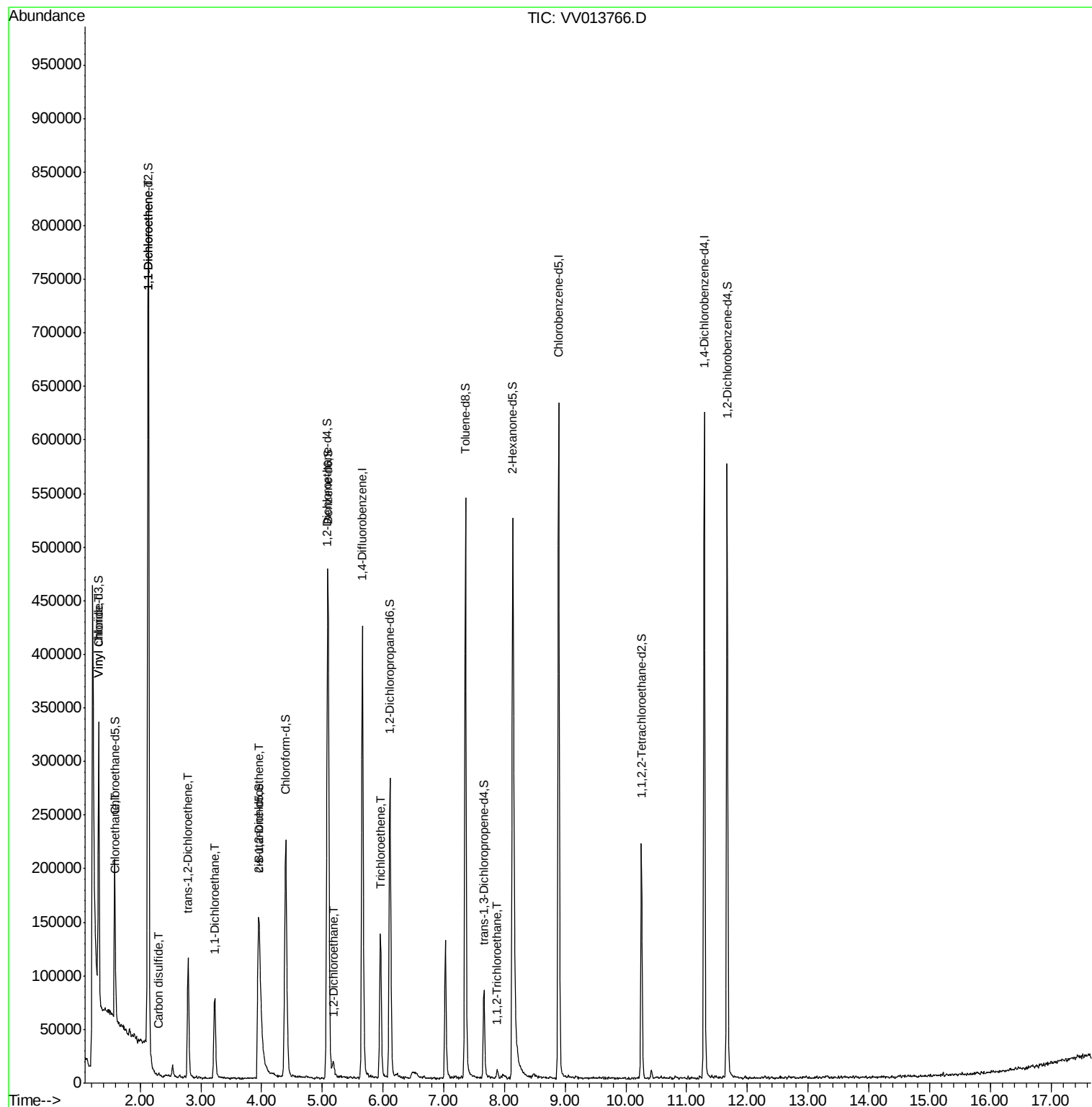
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112519\
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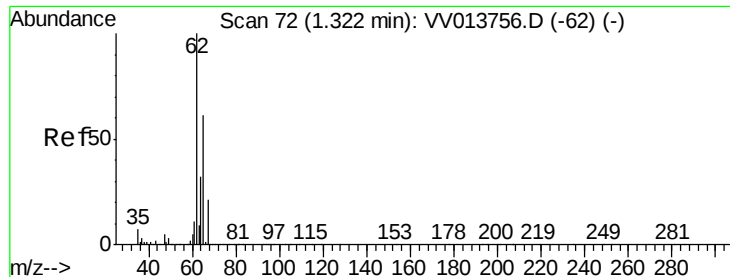
Instrument :
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#5

Vinyl chloride

Concen: 2.839 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV013766.D

Acq: 25 Nov 2019 15:23

Instrument :

MSVOA_V

ClientSampleID :

B0AD8DL

Tot Ion: 62 Resp: 61964

Ion Ratio Lower Upper

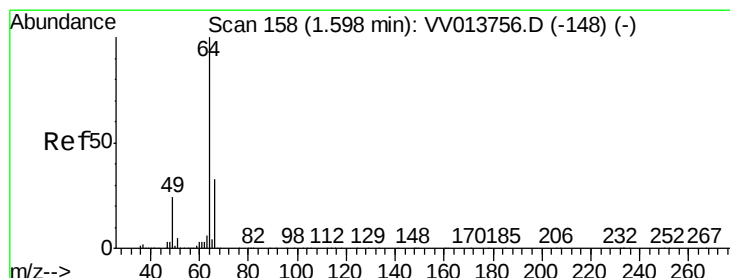
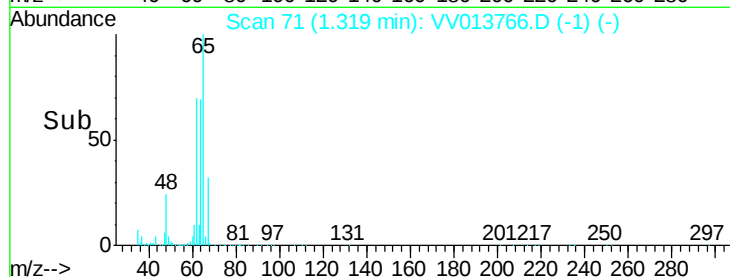
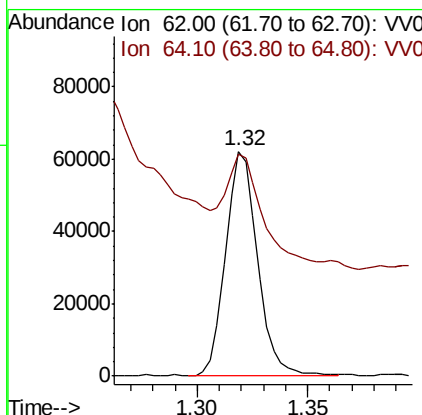
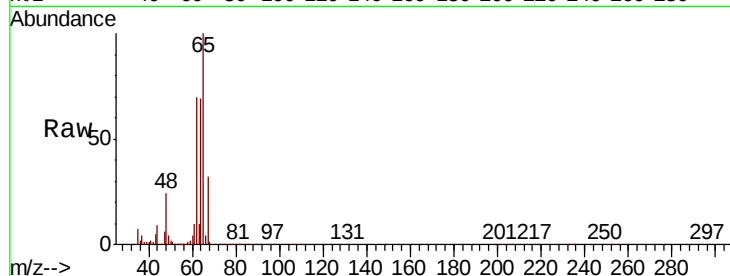
62 100

64 98.4 23.3 43.3#

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#8

Chloroethane

Concen: 1.760 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV013766.D

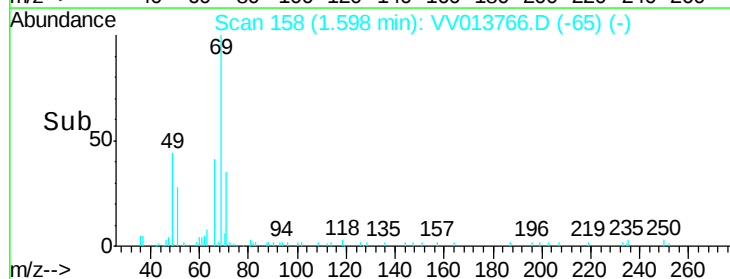
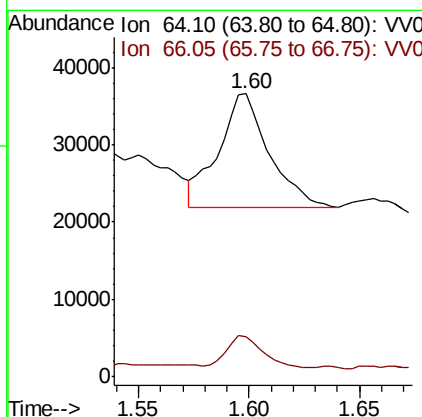
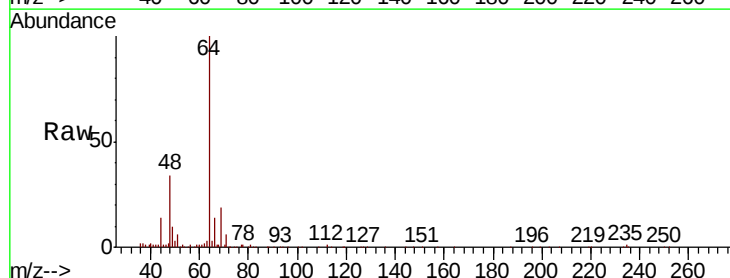
Acq: 25 Nov 2019 15:23

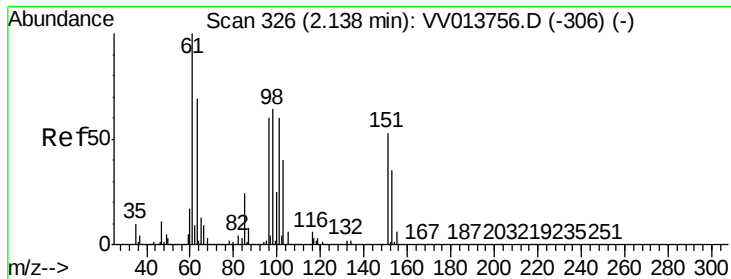
Tgt Ion: 64 Resp: 23147

Ion Ratio Lower Upper

64 100

66 14.3 22.6 42.0#





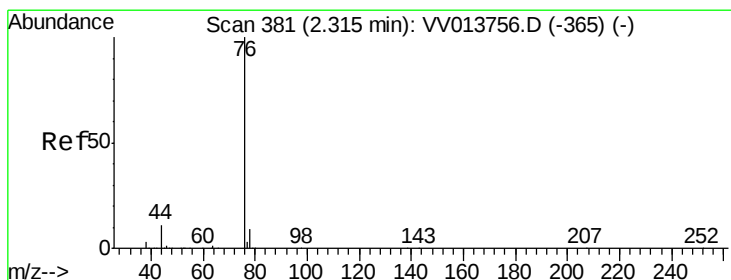
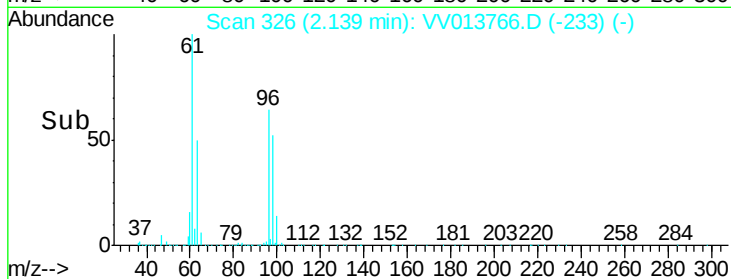
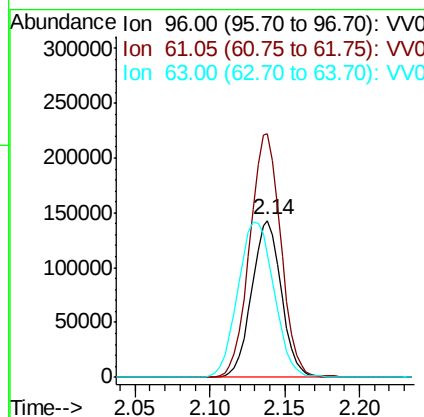
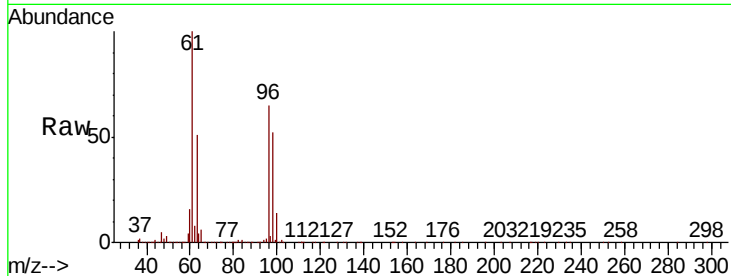
#12
 1,1-Dichloroethene
 Concen: 11.201 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV013766.D
 Acq: 25 Nov 2019 15:23

Instrument :
 MSVOA_V
 ClientSampleID :
 B0AD8DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.0	116.3	215.9
63	78.4	96.7	179.7

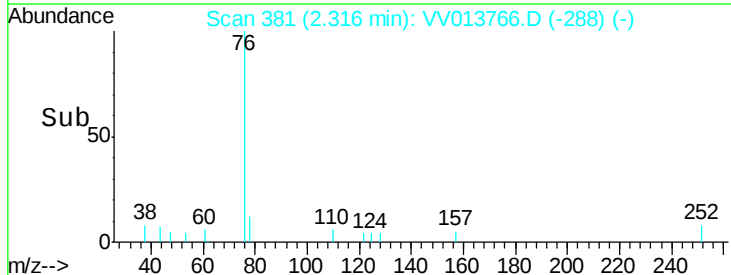
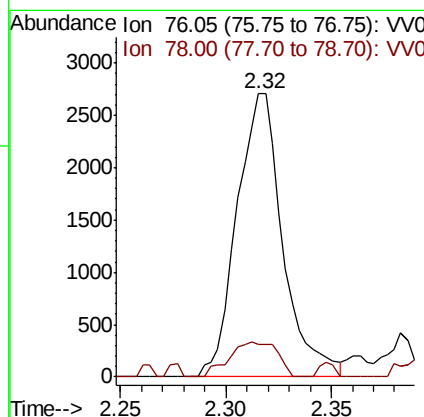
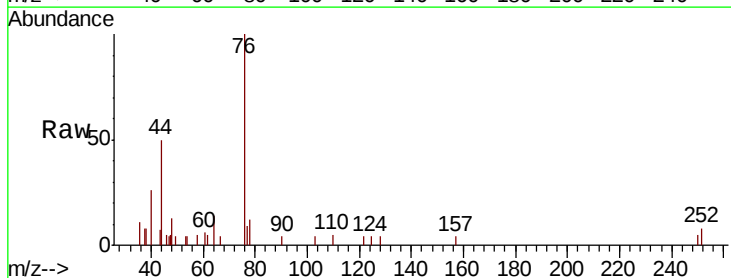
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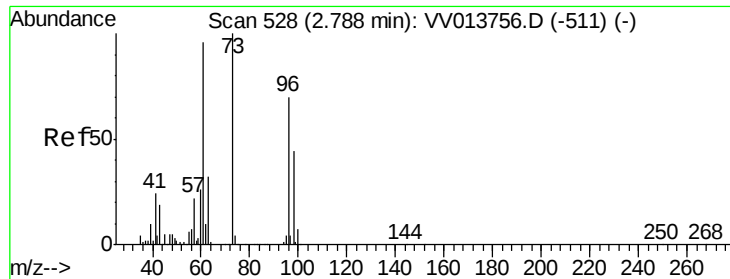
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#14
 Carbon disulfide
 Concen: 0.101 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VV013766.D
 Acq: 25 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
76	100		
78	11.6	7.5	11.3





#18

trans-1,2-Dichloroethene

Concen: 2.095 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV013766.D

Acq: 25 Nov 2019 15:23

Instrument :

MSVOA_V

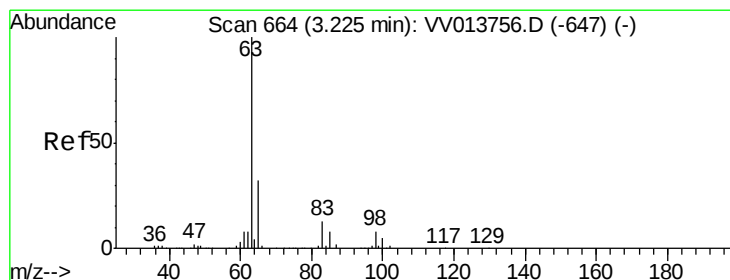
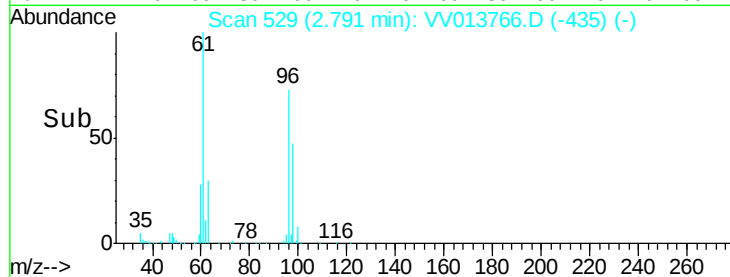
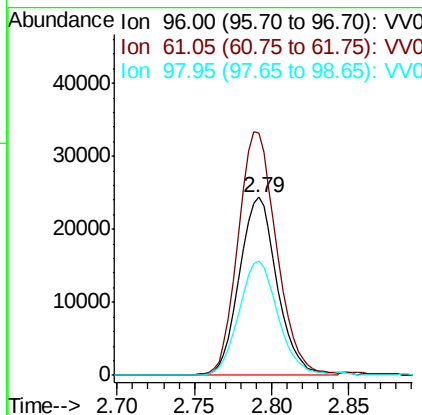
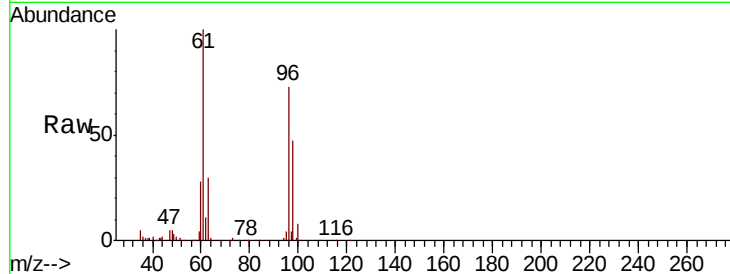
ClientSampleId :

B0AD8DL

Tot Ion:	96	Resp:	41556
Ion	Ratio	Lower	Upper
96	100		
61	136.3	95.1	176.7
98	64.4	46.5	86.3

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#19

1,1-Dichloroethane

Concen: 1.902 ug/L

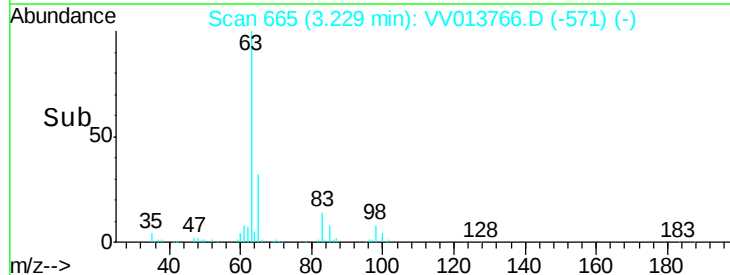
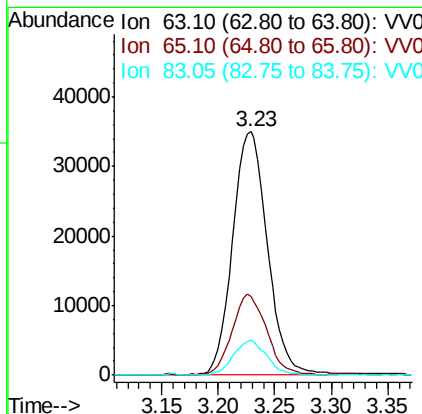
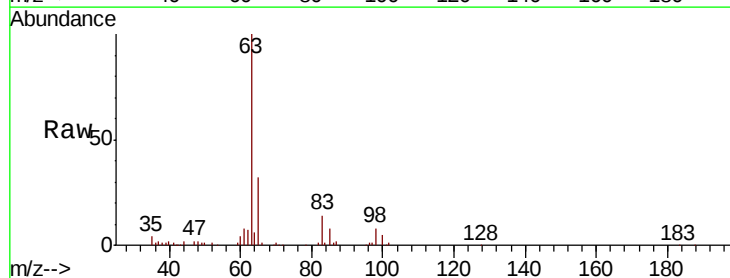
RT: 3.23 min Scan# 665

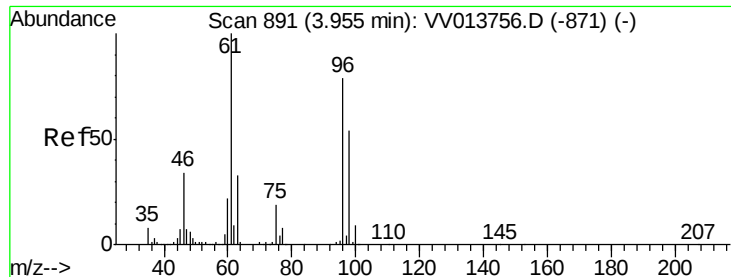
Delta R.T. 0.00 min

Lab File: VV013766.D

Acq: 25 Nov 2019 15:23

Tgt Ion:	63	Resp:	75295
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.7	42.1
83	14.2	9.2	17.2





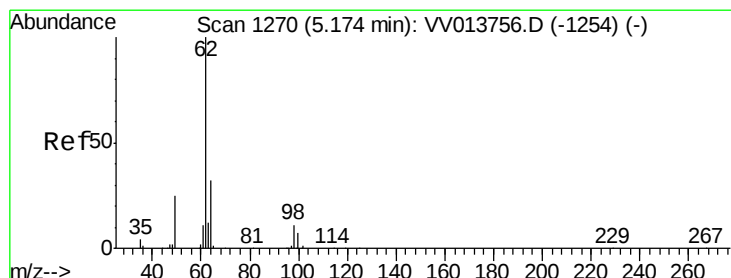
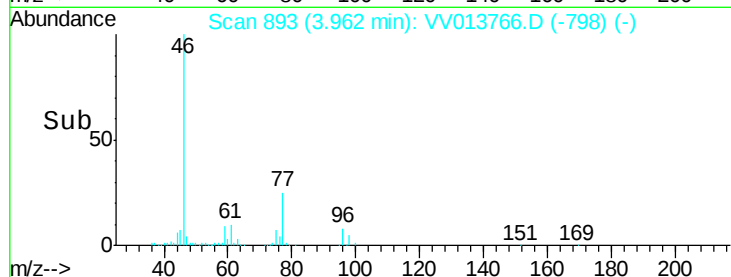
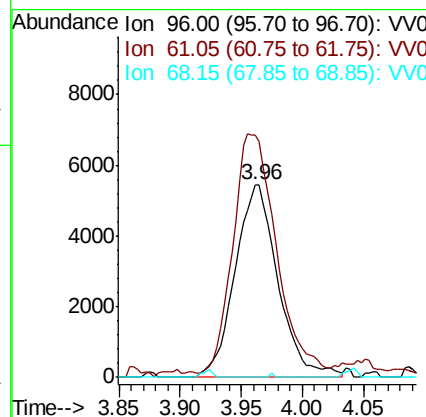
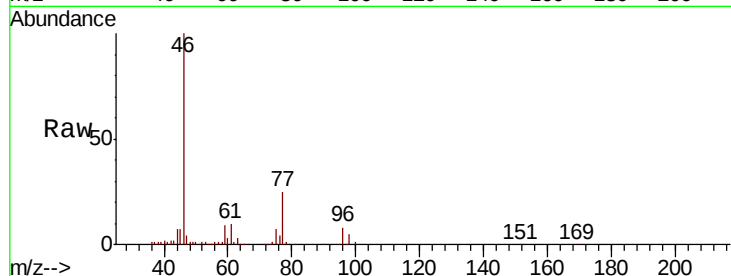
#22
 cis-1,2-Dichloroethene
 Concen: 0.570 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013766.D
 Acq: 25 Nov 2019 15:23

Instrument :
 MSVOA_V
 ClientSampleID :
 B0AD8DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.7	86.1	159.9
68	0.0	0.0	0.0

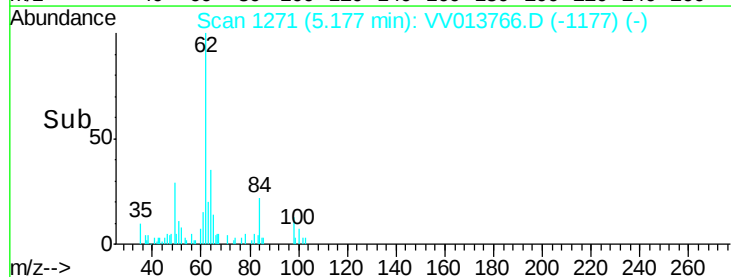
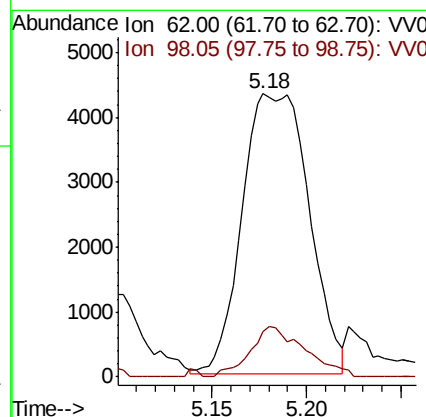
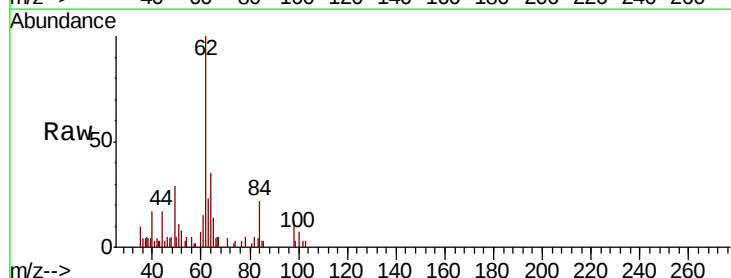
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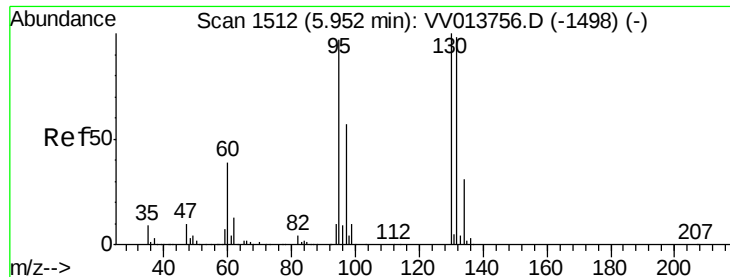
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#27
 1,2-Dichloroethane
 Concen: 0.442 ug/L m
 RT: 5.18 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VV013766.D
 Acq: 25 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	13.4	8.2	12.2





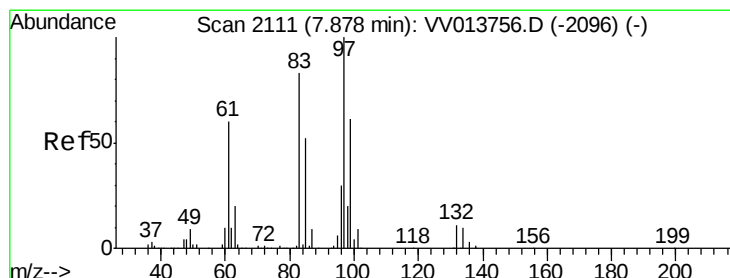
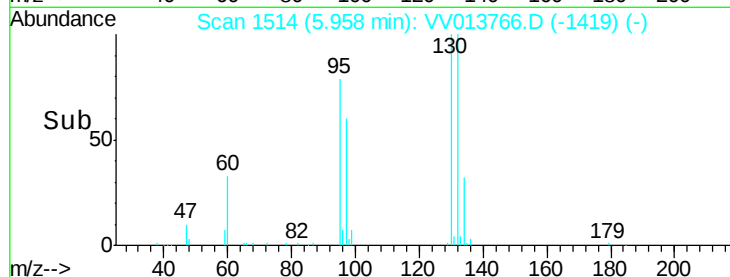
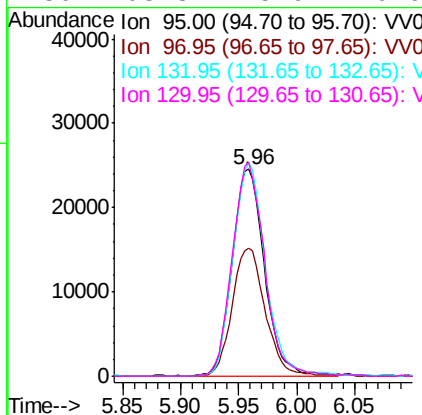
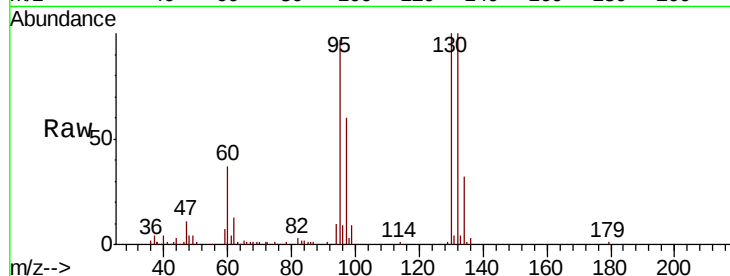
#34
 Trichloroethene
 Concen: 2.001 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: VV013766.D
 Acq: 25 Nov 2019 15:23

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 MSVOA_V
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 B0AD8DL

Tot Ion	95	Resp	47446
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.6	84.8
132	103.3	70.5	130.9
130	103.3	75.9	140.9

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#45
 1,1,2-Trichloroethane
 Concen: 0.142 ug/L
 RT: 7.88 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: VV013766.D
 Acq: 25 Nov 2019 15:23

Tgt Ion	97	Resp	2228
Ion	Ratio	Lower	Upper
97	100		
99	80.5	44.2	82.0
83	77.5	59.7	110.9
85	55.5	38.3	71.1

