

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013772.D
 Acq On : 25 Nov 2019 18:08
 Operator : SY/MD
 Sample : K6004-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE0

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 2:04:32 PM

Quant Time: Nov 26 07:13:29 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	350177	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95481	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	88427	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	203753	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	3.92	46	237117	52.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	4.40	84	204954	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	102771	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	398952	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.11	67	124577	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	326709	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.66	79	41168	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.13	63	174748	45.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93486	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	137716	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	44288	2.117	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	148598	8.826	ug/L	84
13) Acetone	2.19	43	16380m	5.199	ug/L	
14) Carbon disulfide	2.32	76	17274	0.444	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	2722	0.143	ug/L #	79
19) 1,1-Dichloroethane	3.23	63	75984	2.002	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	587092	26.333	ug/L	99
34) Trichloroethene	5.96	95	1824165	77.806	ug/L	98
37) 1,2-Dichloropropane	6.22	63	4385	0.201	ug/L #	91
47) Tetrachloroethene	8.02	164	2176	0.107	ug/L	91

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

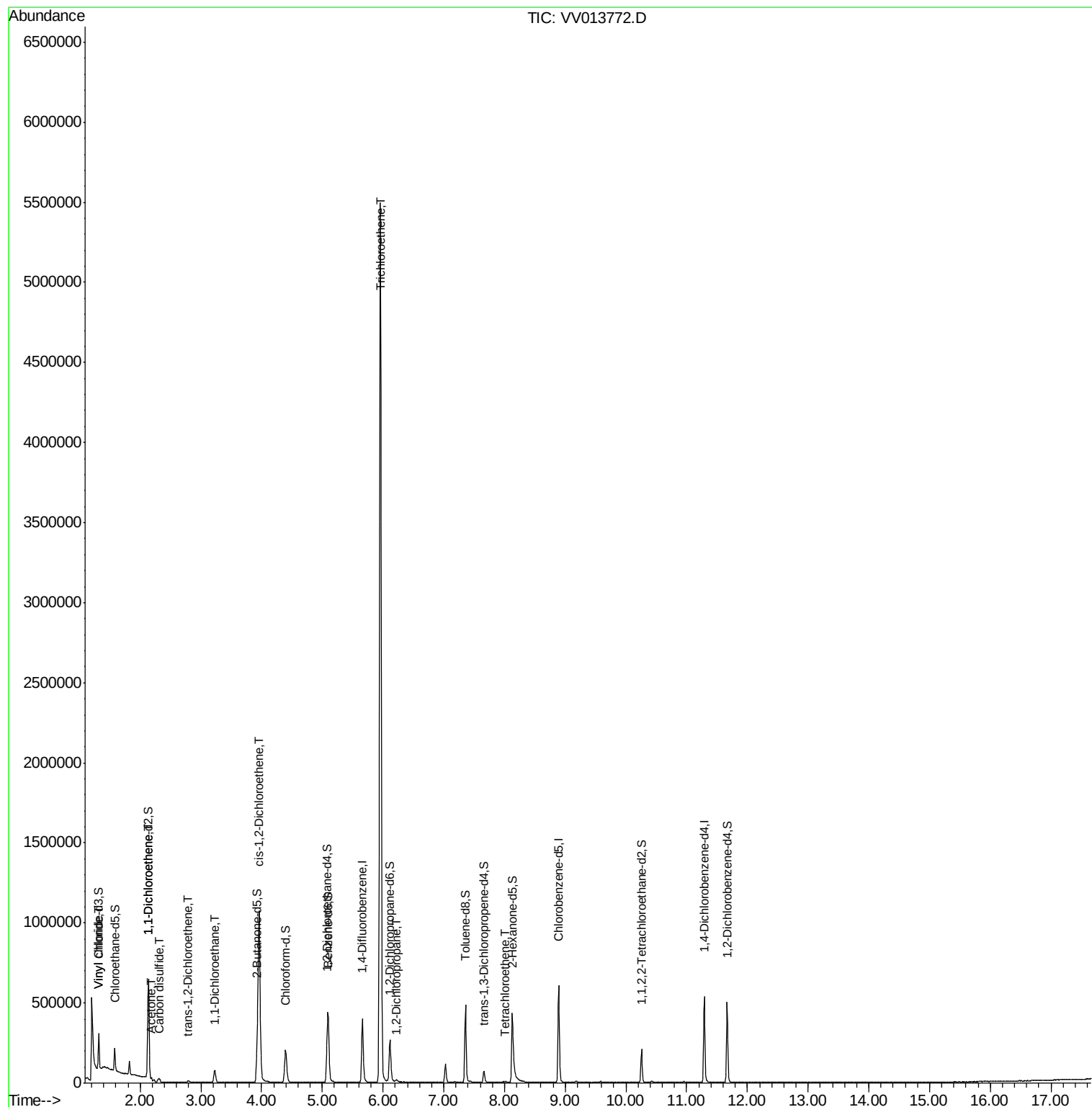
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112519\
Data File : VV013772.D
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Operator : SY/MD
Sample : K6004-02
Misc : 25.0mL/MSVOA V/WATER
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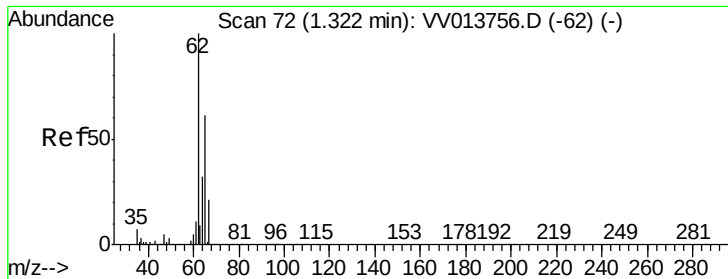
Instrument :
MSVOA_V
ClientSampleId :
B0AE0

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Quant Method : Z:\V0ASRV\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





#5

Vinyl chloride

Concen: 2.117 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013772.D

Acq: 25 Nov 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

B0AE0

Tot Ion: 62 Resp: 44288

Ion Ratio Lower Upper

62 100

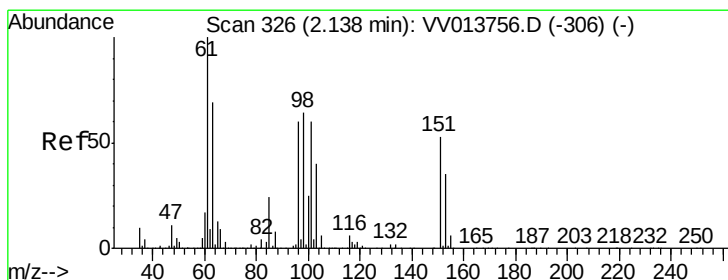
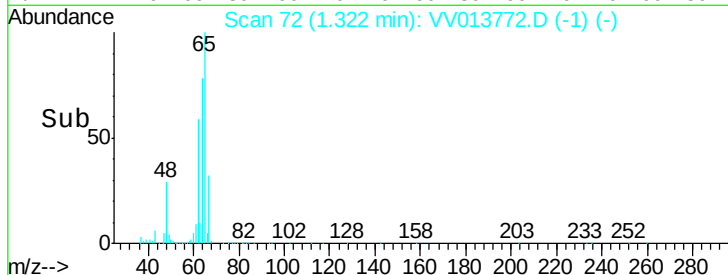
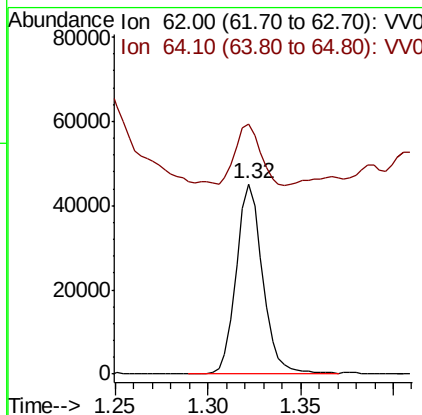
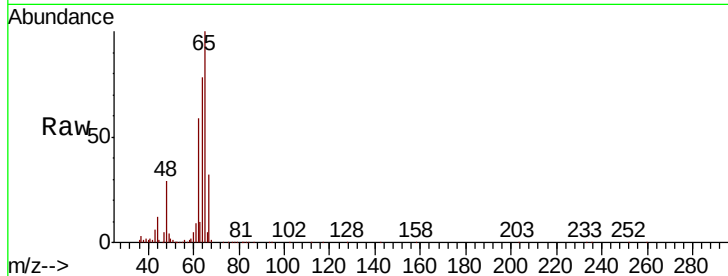
64 131.6 23.3 43.3#

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#12

1,1-Dichloroethene

Concen: 8.826 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013772.D

Acq: 25 Nov 2019 18:08

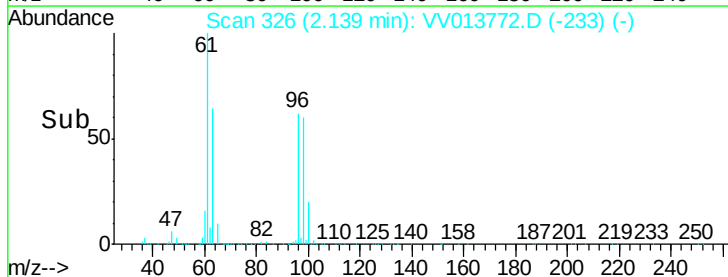
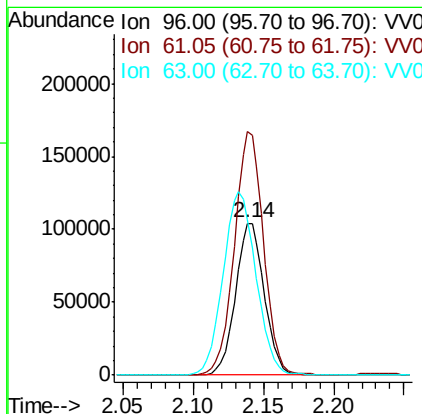
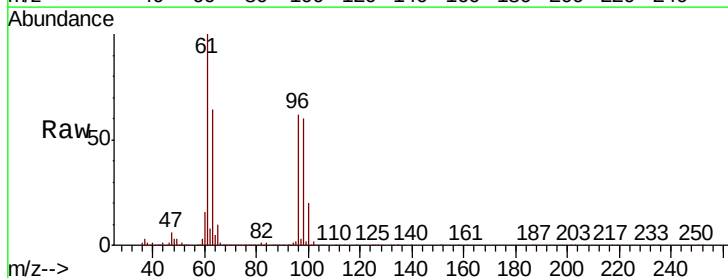
Tgt Ion: 96 Resp: 148598

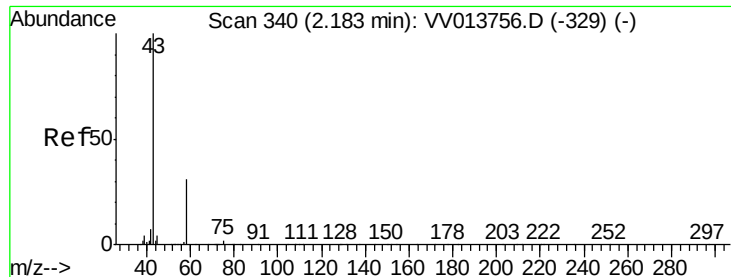
Ion Ratio Lower Upper

96 100

61 160.3 116.3 215.9

63 102.3 96.7 179.7





#13

Acetone

Concen: 5.199 ug/L m

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV013772.D

Acq: 25 Nov 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

B0AE0

Tot Ion: 43 Resp: 16380

Ion Ratio Lower Upper

43 100

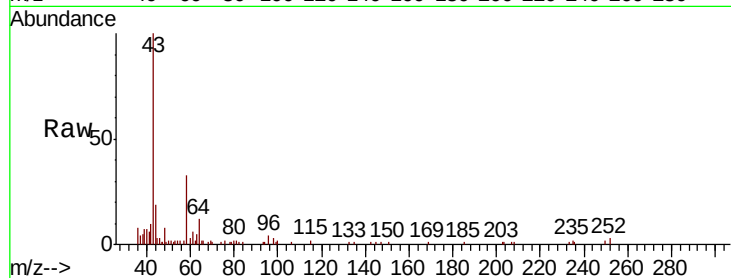
58 1.4 0.0 27.2

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

12000

10000

8000

6000

4000

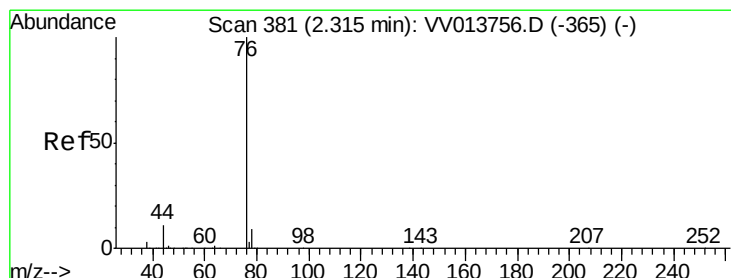
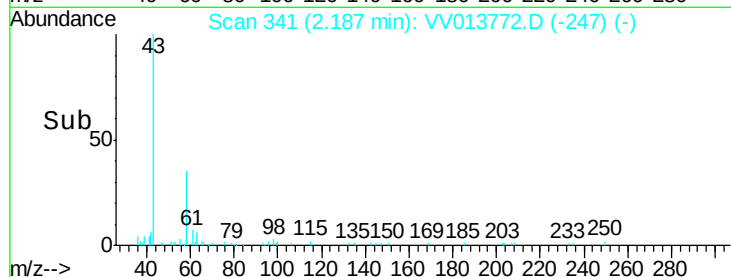
2000

0

2.15

2.20

Time-->



#14

Carbon disulfide

Concen: 0.444 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV013772.D

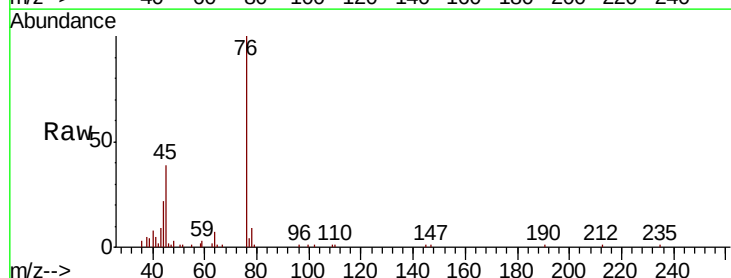
Acq: 25 Nov 2019 18:08

Tgt Ion: 76 Resp: 17274

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

10000

5000

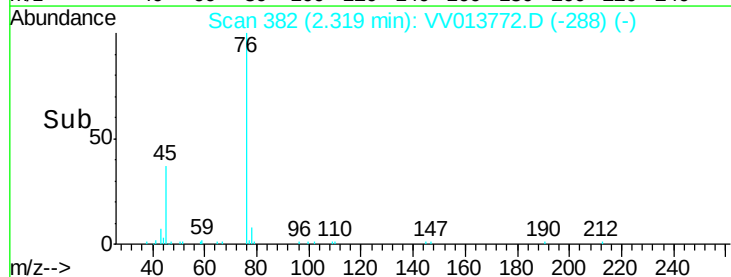
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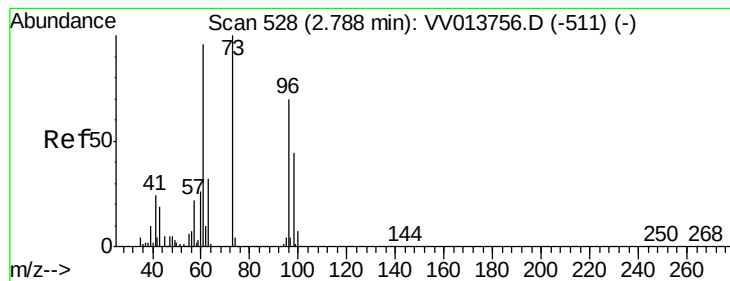
2.25

2.30

2.35

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.143 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV013772.D

Acq: 25 Nov 2019 18:08

Instrument :

MSVOA_V

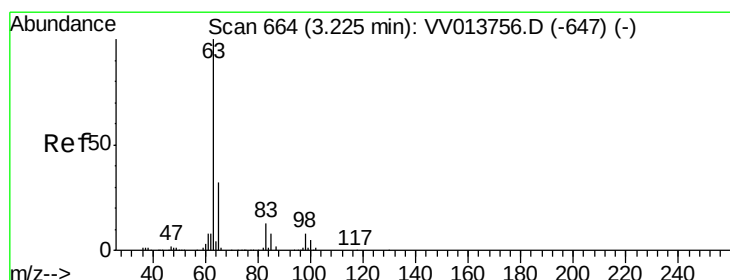
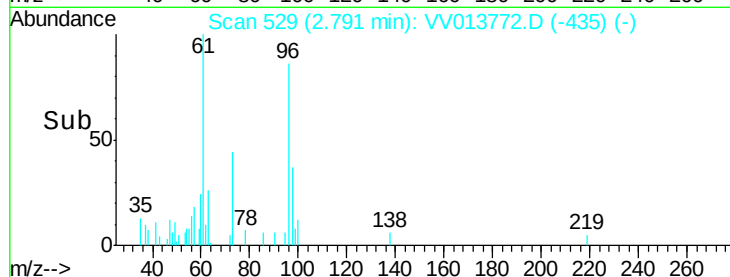
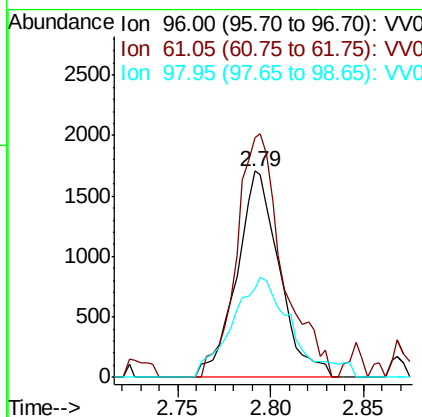
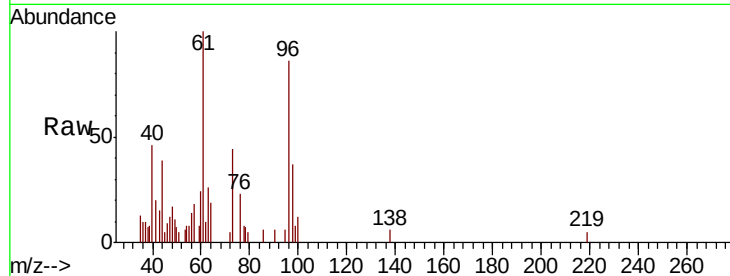
ClientSampleId :

B0AE0

Tot Ion:	96	Resp:	2722
Ion	Ratio	Lower	Upper
96	100		
61	116.0	95.1	176.7
98	42.7	46.5	86.3#

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#19

1,1-Dichloroethane

Concen: 2.002 ug/L

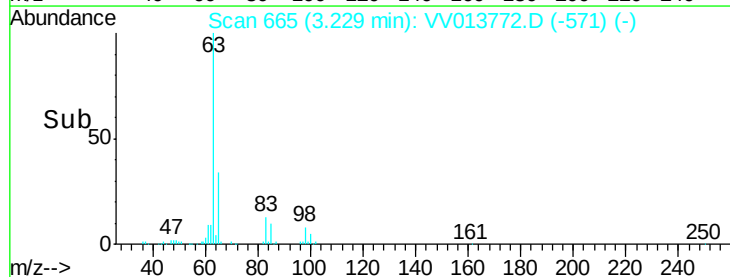
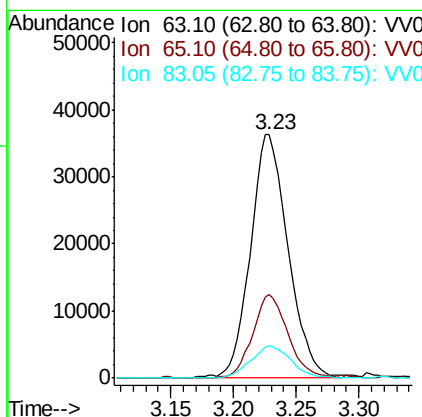
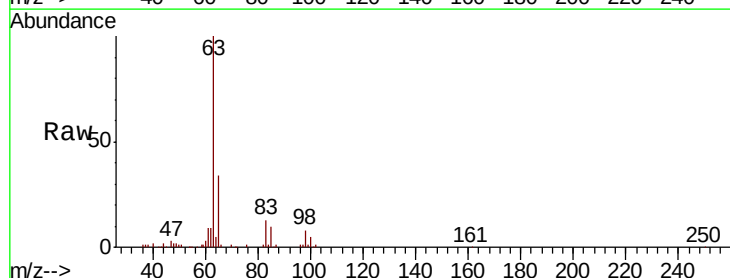
RT: 3.23 min Scan# 665

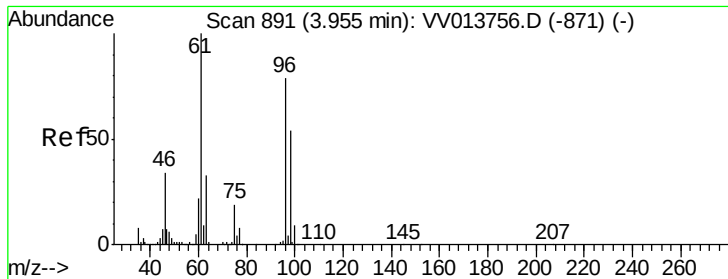
Delta R.T. 0.00 min

Lab File: VV013772.D

Acq: 25 Nov 2019 18:08

Tgt Ion:	63	Resp:	75984
Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.7	42.1
83	13.2	9.2	17.2





#22

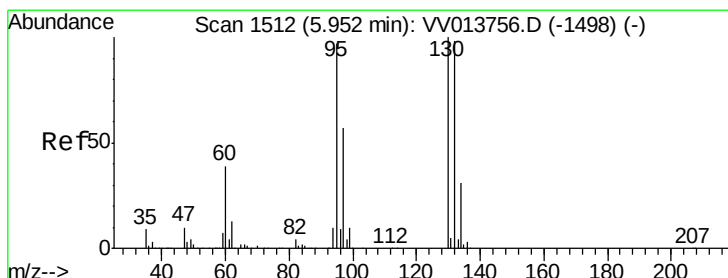
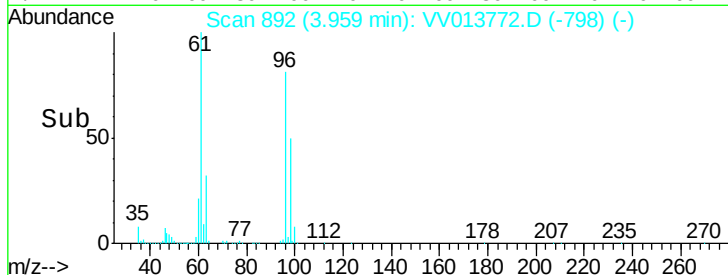
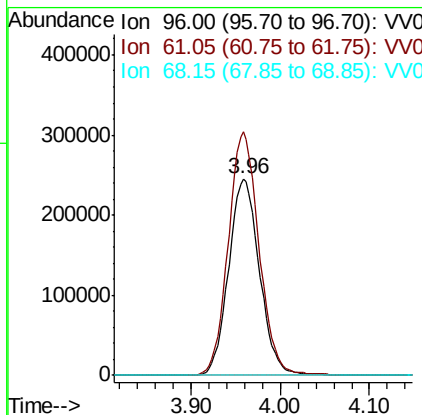
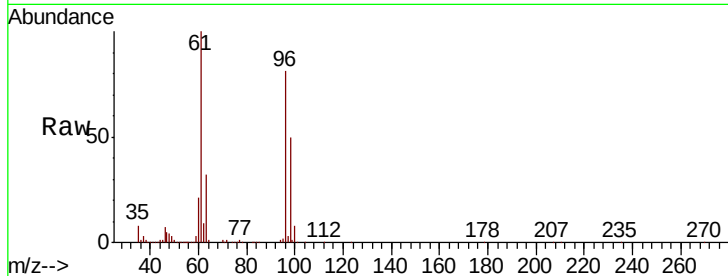
cis-1,2-Dichloroethene
Concen: 26.333 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.0	86.1	159.9
68	0.0	0.0	0.0

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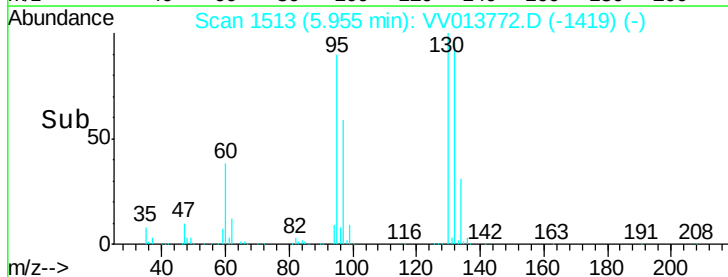
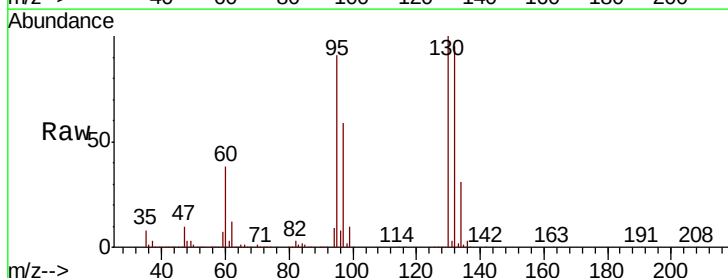
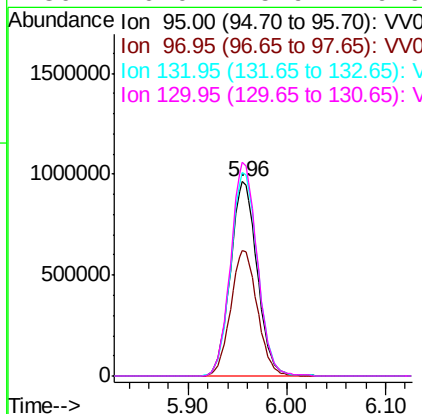
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11/26/2019 2:04:32 PM

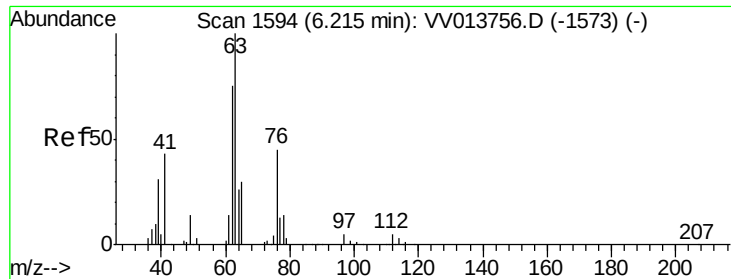


#34

Trichloroethene
Concen: 77.806 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.8
132	104.8	70.5	130.9
130	110.0	75.9	140.9





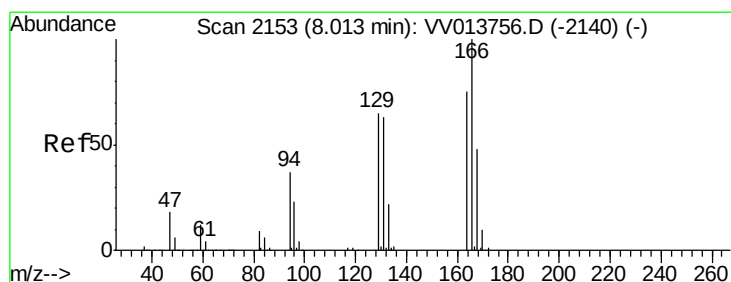
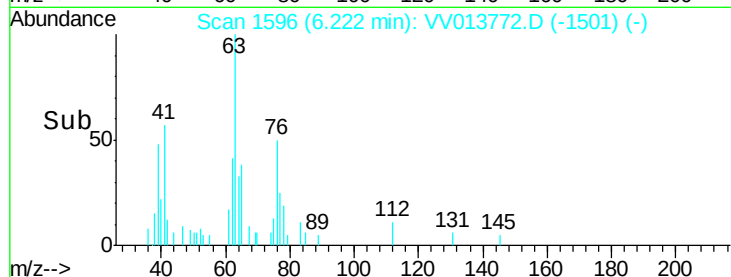
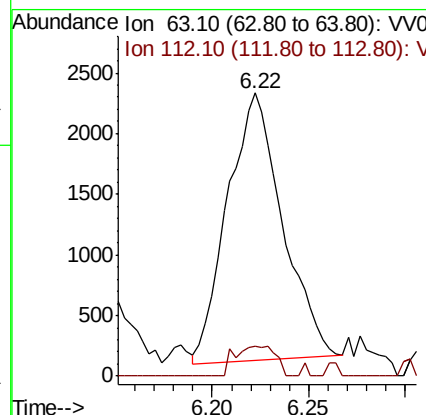
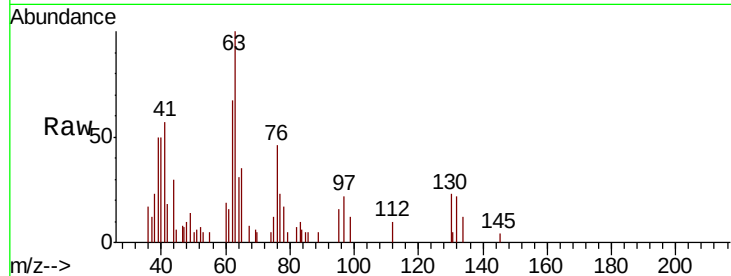
#37
 1,2-Dichloropropane
 Concen: 0.201 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: VV013772.D
 Acq: 25 Nov 2019 18:08

Instrument :
 MSVOA_V
 ClientSampled :
 B0AE0

Tot Ion: 63 Resp: 4385
 Ion Ratio Lower Upper
 63 100
 112 8.4 4.4 6.6#

Manual Integrations
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#47
 Tetrachloroethene
 Concen: 0.107 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV013772.D
 Acq: 25 Nov 2019 18:08

Tgt Ion: 164 Resp: 2176
 Ion Ratio Lower Upper
 164 100
 129 72.8 60.3 112.1
 131 72.4 59.9 111.3
 166 128.9 89.1 165.5

