

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013826.D
 Acq On : 27 Nov 2019 16:01
 Operator : SY/MD
 Sample : K6003-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE9

Manual Integrations
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 12/2/2019 3:15:31 PM

Quant Time: Nov 29 02:43:31 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	313114	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	316136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69938	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.58	69	68848	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.13	63	276560	8.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	169.60%#
20) 2-Butanone-d5	3.96	46	216473	53.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.46%
24) Chloroform-d	4.40	84	180229	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	91107	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	327978	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.11	67	107032	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	265085	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	7.66	79	34620	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.14	63	168528	48.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86976	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	120349	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	18648m	0.997	ug/L
12) 1,1-Dichloroethene	2.14	96	357078	23.720	ug/L # 67
13) Acetone	2.23	43	64871	23.026	ug/L # 55
14) Carbon disulfide	2.31	76	59056	1.699	ug/L 99
16) Methylene chloride	2.53	84	5272	0.256	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	7736	0.188	ug/L # 84
19) 1,1-Dichloroethane	3.23	63	542465	15.984	ug/L 99
21) 2-Butanone	4.05	43	150592	35.363	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	114791	5.758	ug/L # 98
34) Trichloroethene	5.96	95	3487137	163.010	ug/L 96
37) 1,2-Dichloropropane	6.22	63	10796	0.542	ug/L # 93

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

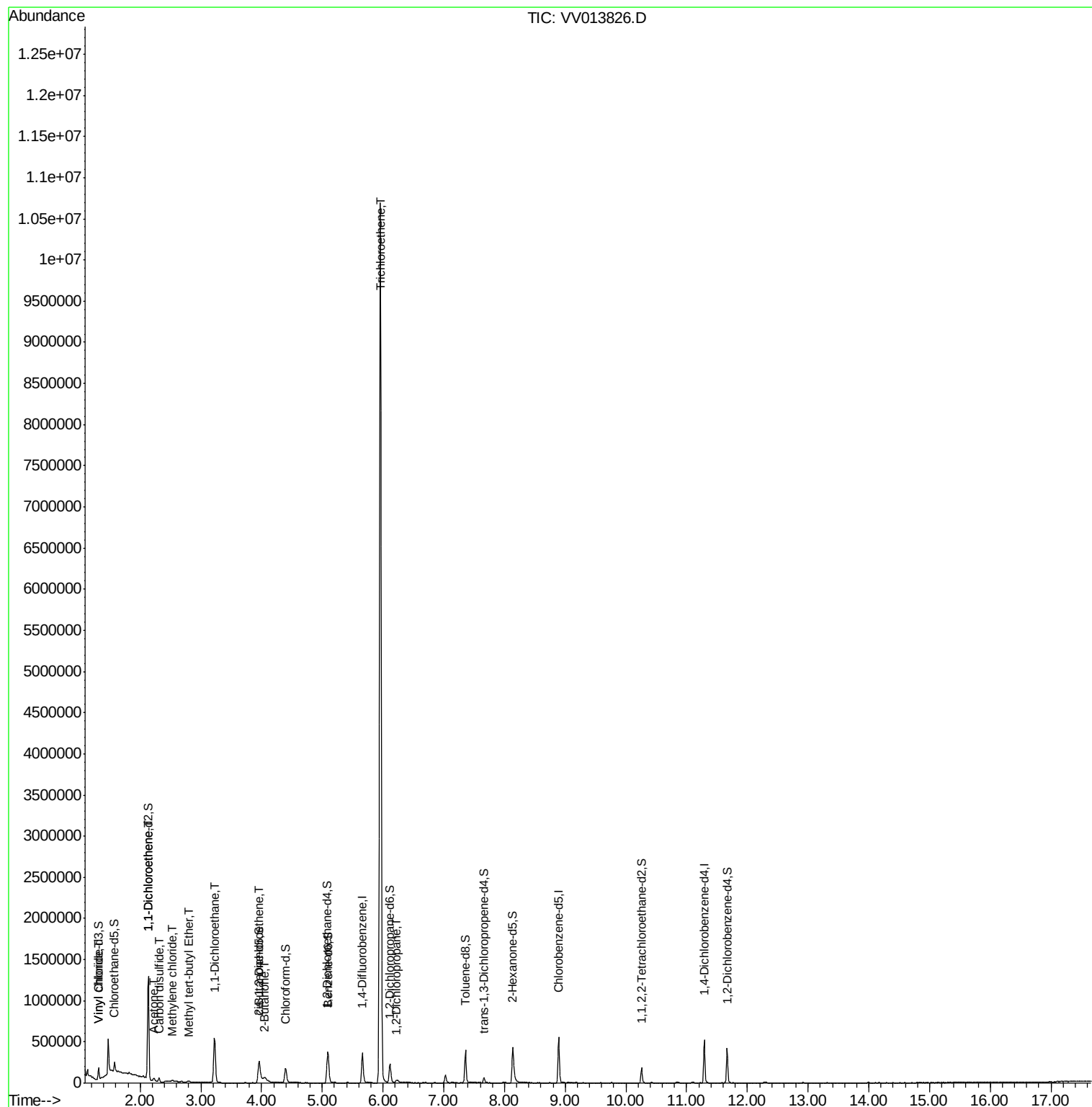
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013826.D
Acq On : 27 Nov 2019 16:01
Operator : SY/MD
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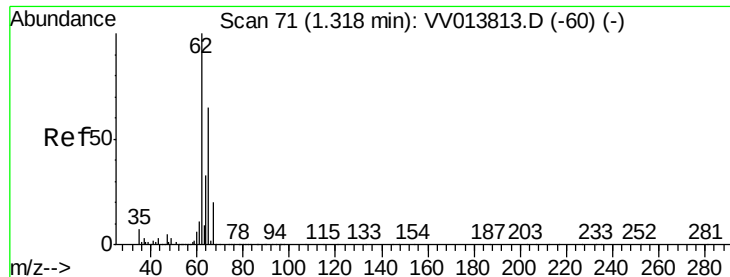
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.997 ug/L m

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV013826.D

Acq: 27 Nov 2019 16:01

Instrument :

MSVOA_V

ClientSampleId :

B0AE9

Tgt Ion: 62 Resp: 18648

Ion Ratio Lower Upper

62 100

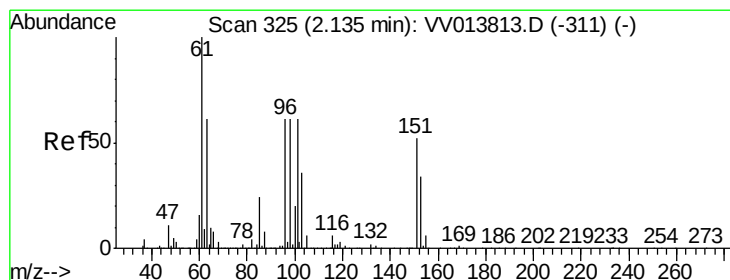
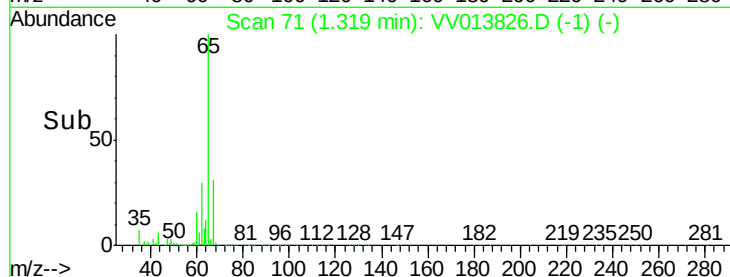
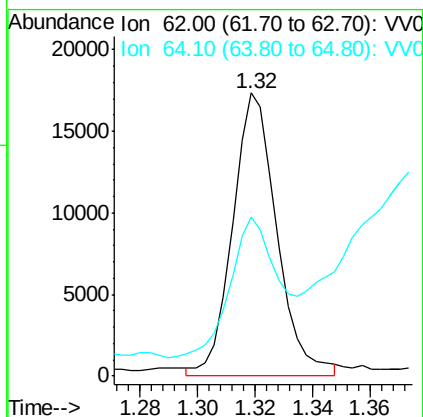
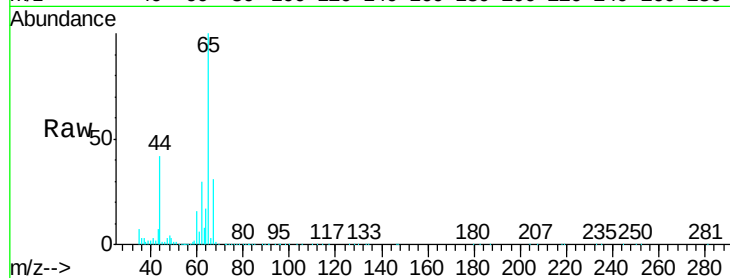
64 56.1 23.3 43.3#

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#12

1,1-Dichloroethene

Concen: 23.720 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013826.D

Acq: 27 Nov 2019 16:01

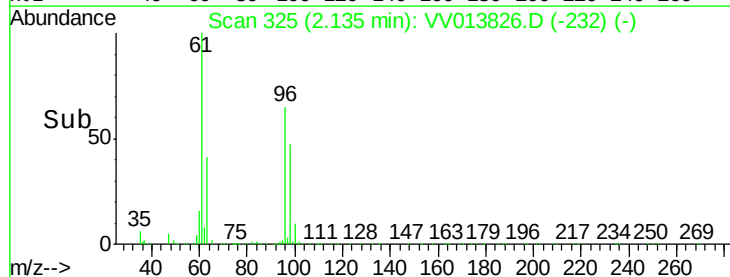
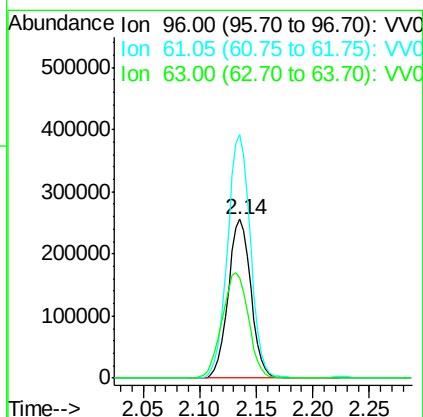
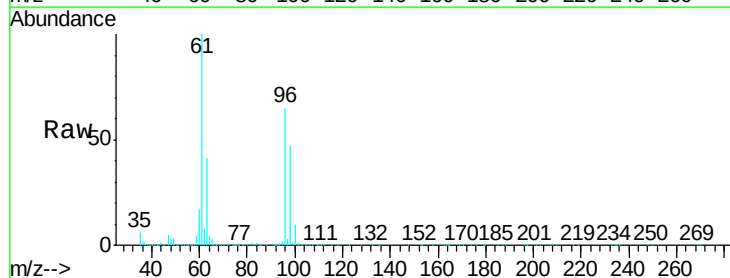
Tgt Ion: 96 Resp: 357078

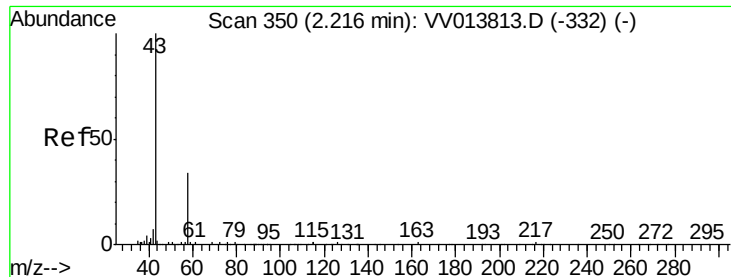
Ion Ratio Lower Upper

96 100

61 153.3 116.3 215.9

63 62.9 96.7 179.7#





#13

Acetone

Concen: 23.026 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV013826.D

Acq: 27 Nov 2019 16:01

Instrument :

MSVOA_V

ClientSampleId :

B0AE9

Tgt Ion: 43 Resp: 64871

Ion Ratio Lower Upper

43 100

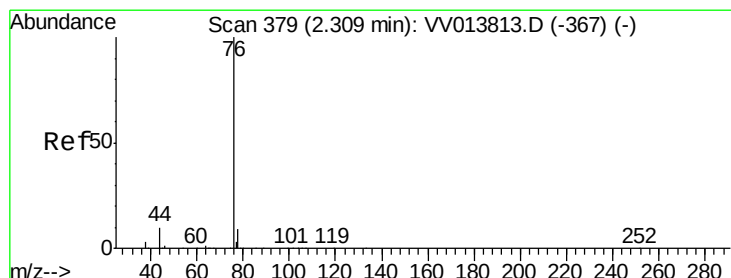
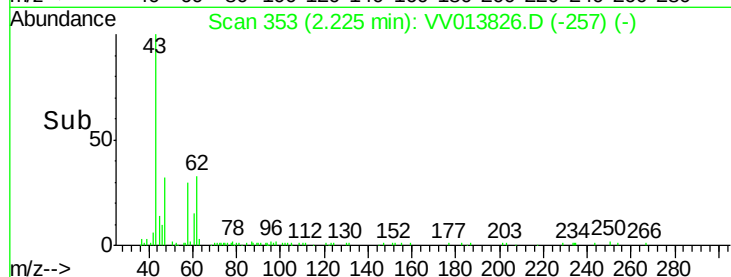
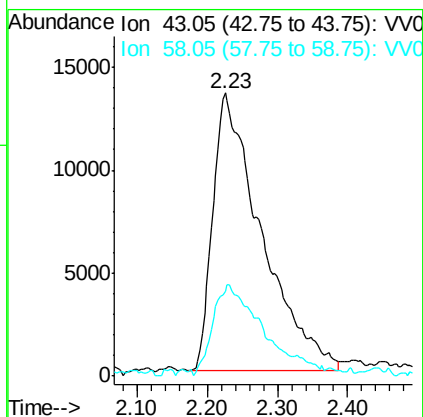
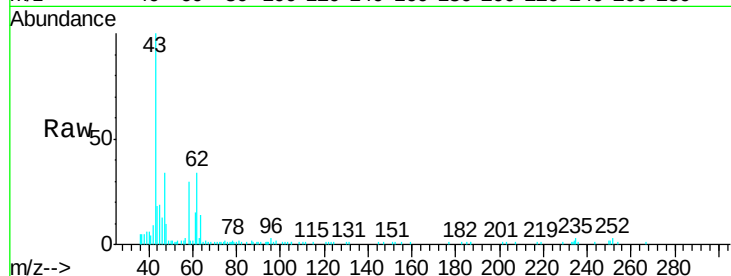
58 31.9 0.0 27.2#

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#14

Carbon disulfide

Concen: 1.699 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013826.D

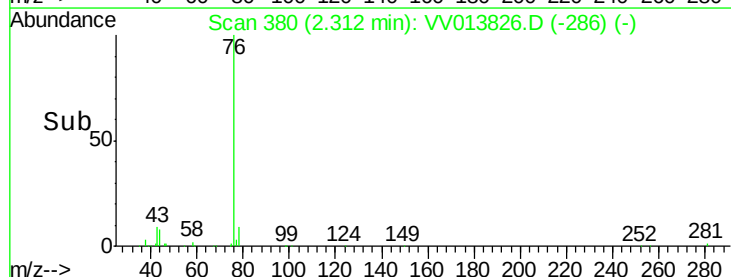
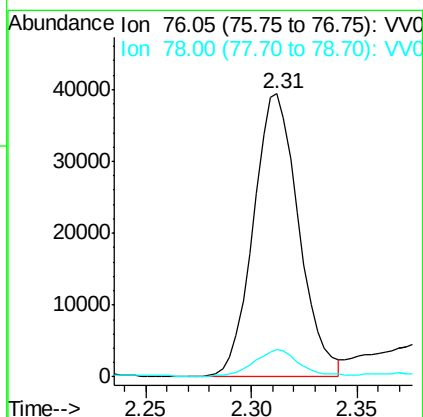
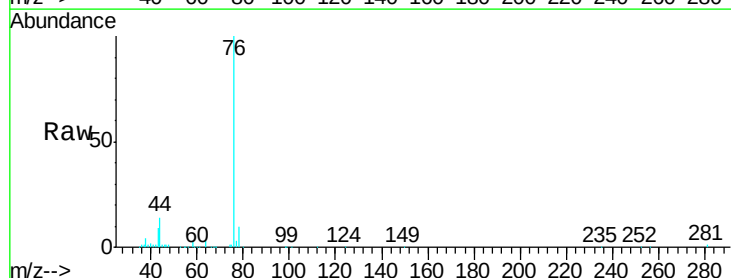
Acq: 27 Nov 2019 16:01

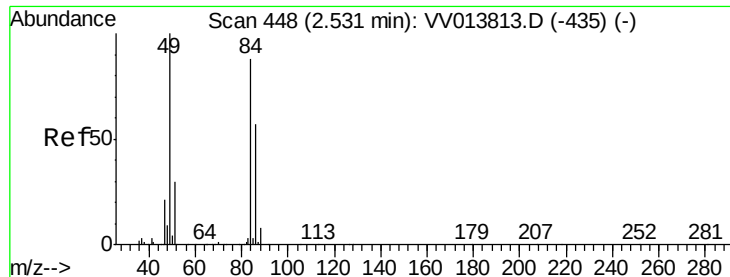
Tgt Ion: 76 Resp: 59056

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3





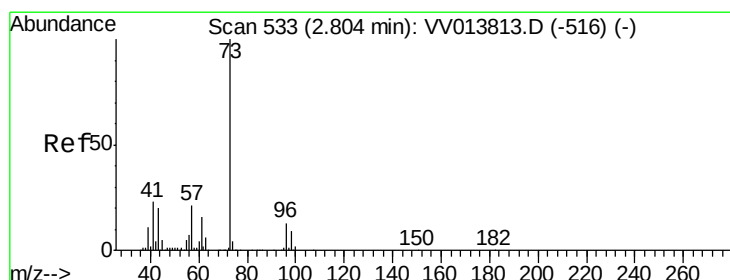
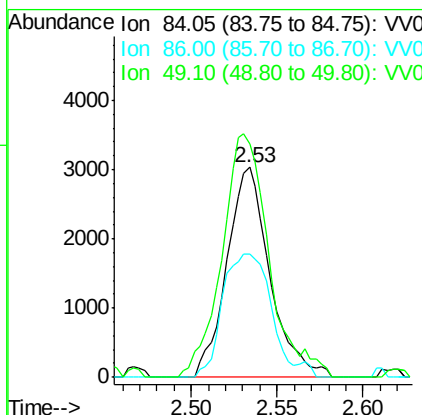
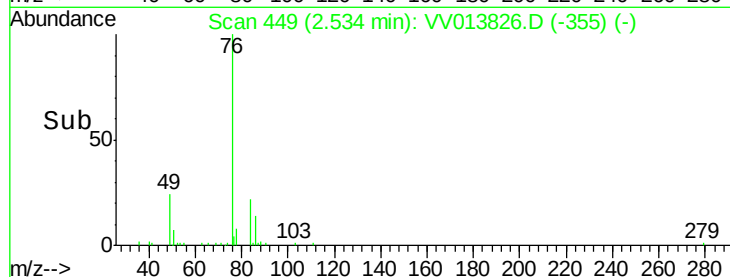
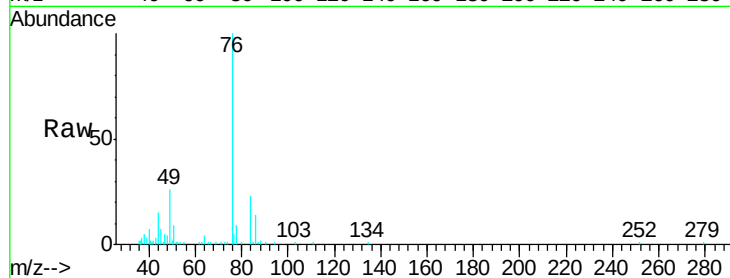
#16
Methylene chloride
Concen: 0.256 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013826.D
Acq: 27 Nov 2019 16:01

Instrument :
MSVOA_V
ClientSampleId :
B0AE9

Tgt Ion	Ratio	Lower	Upper
84	100		
86	58.5	44.0	81.6
49	111.3	81.5	151.5

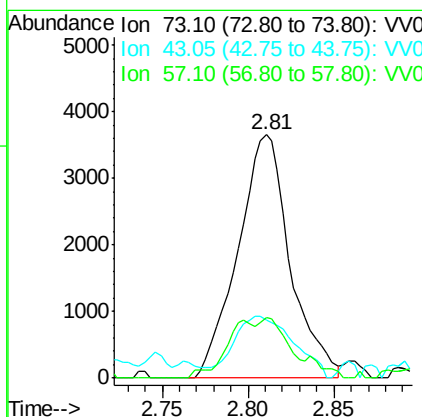
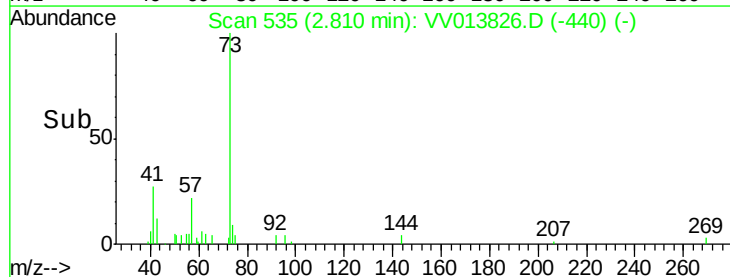
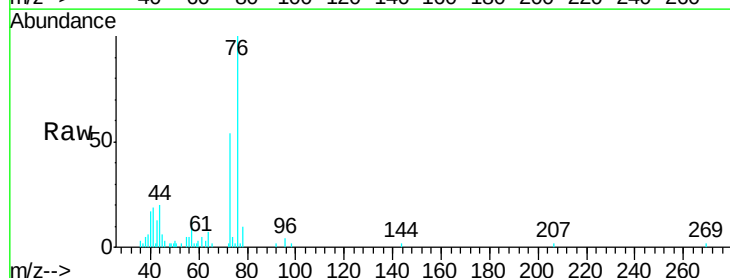
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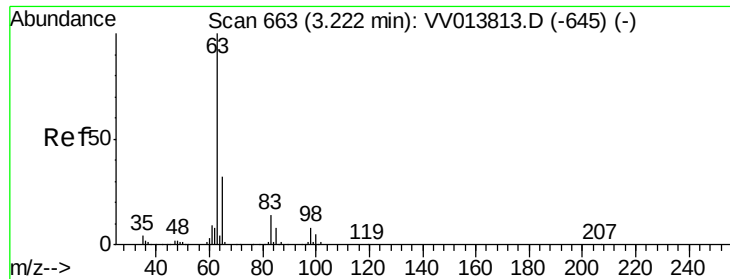
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#17
Methyl tert-butyl Ether
Concen: 0.188 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.01 min
Lab File: VV013826.D
Acq: 27 Nov 2019 16:01

Tgt Ion	Ratio	Lower	Upper
73	100		
43	29.3	15.5	23.3#
57	16.4	17.5	26.3#





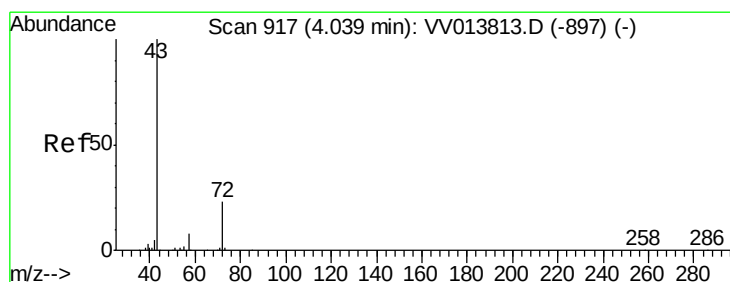
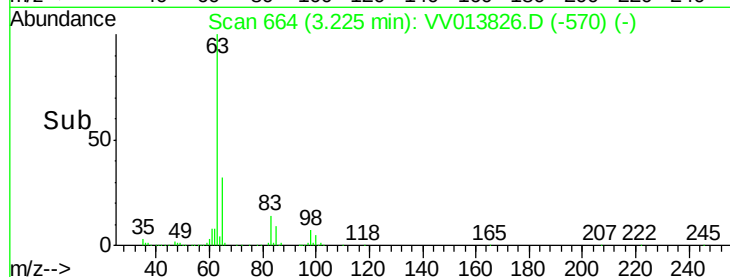
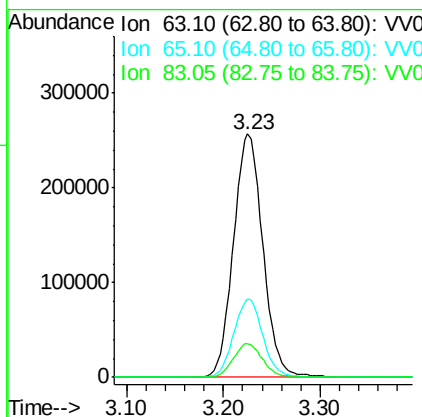
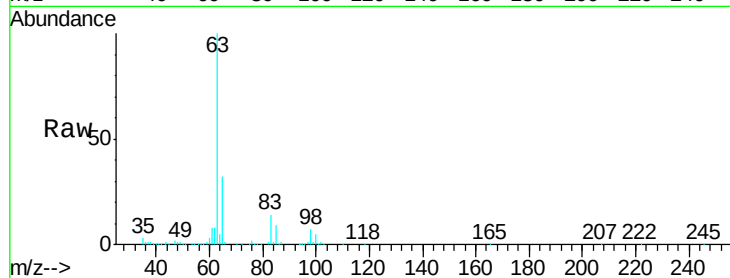
#19
 1,1-Dichloroethane
 Concen: 15.984 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV013826.D
 Acq: 27 Nov 2019 16:01

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE9

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.7	42.1
83	14.0	9.2	17.2

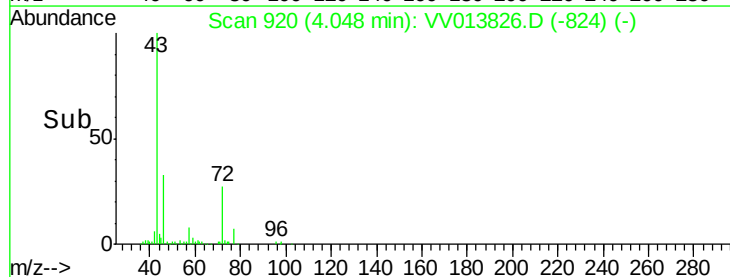
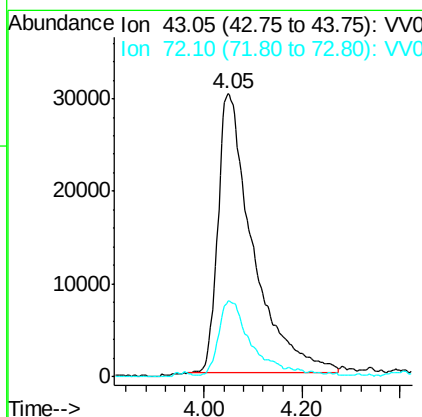
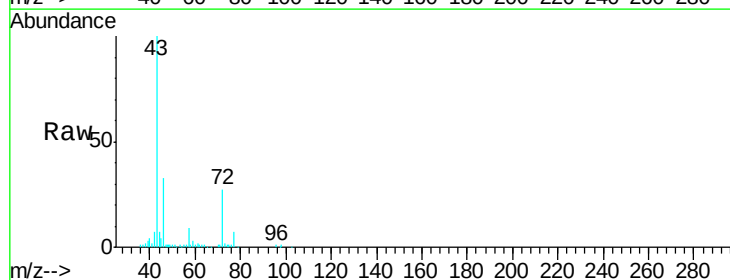
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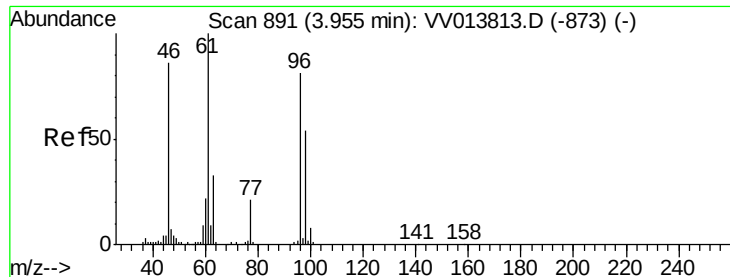
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#21
 2-Butanone
 Concen: 35.363 ug/L
 RT: 4.05 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VV013826.D
 Acq: 27 Nov 2019 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.3	12.3	36.9





#22

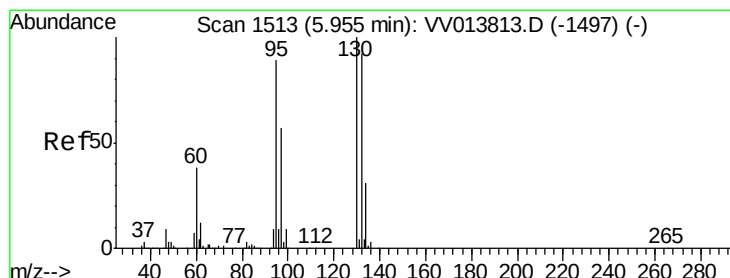
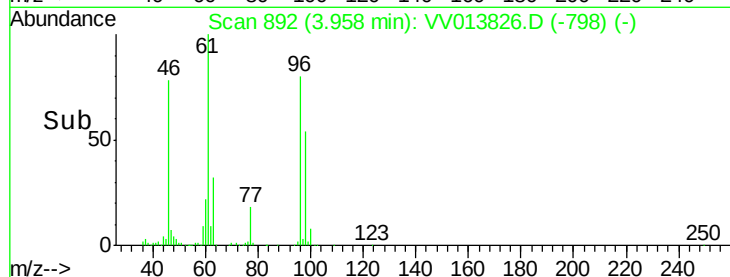
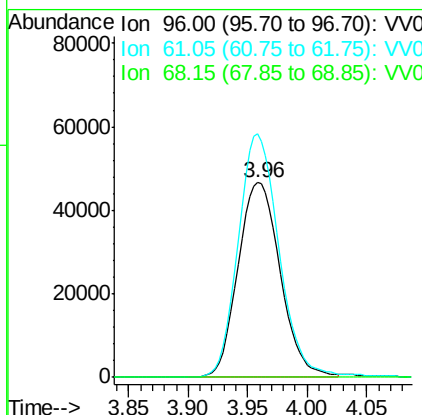
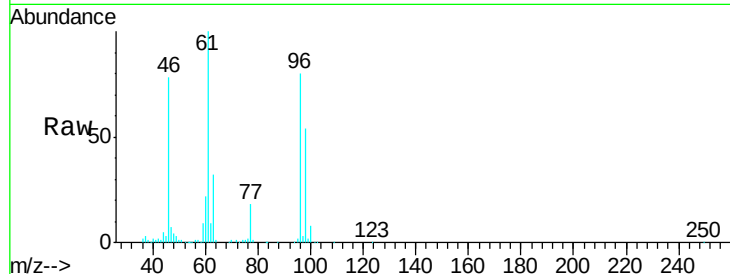
cis-1,2-Dichloroethene
Concen: 5.758 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013826.D
Acq: 27 Nov 2019 16:01

Instrument :
MSVOA_V
ClientSampleId :
B0AE9

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	114791		
61	125.0	86.1	159.9	
68	0.2	0.0	0.0#	

Manual Integrations
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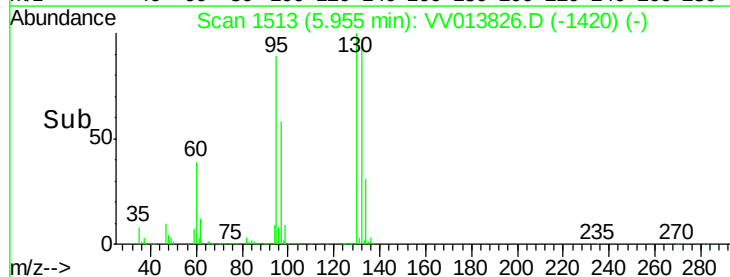
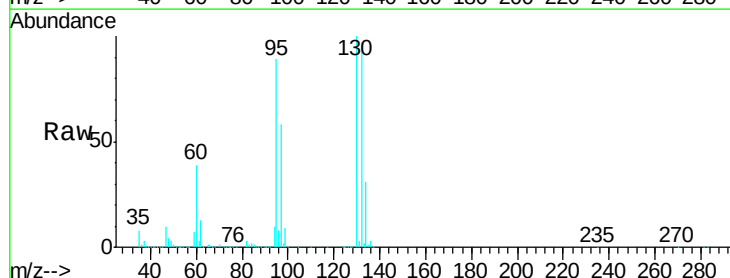
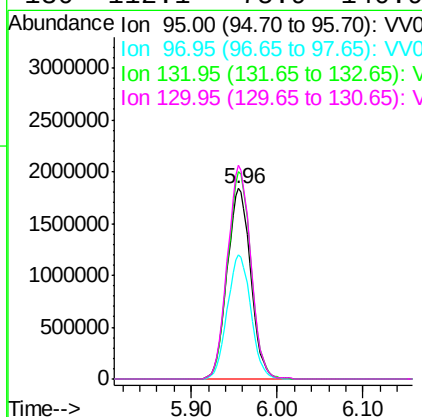
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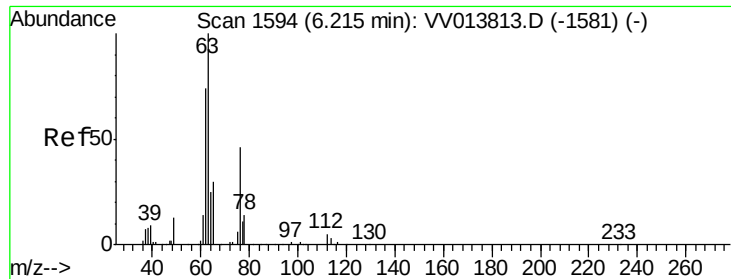


#34

Trichloroethene
Concen: 163.010 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013826.D
Acq: 27 Nov 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	3487137		
97	65.2	45.6	84.8	
132	108.8	70.5	130.9	
130	112.1	75.9	140.9	





#37
 1,2-Dichloropropane
 Concen: 0.542 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV013826.D
 Acq: 27 Nov 2019 16:01

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE9

Tgt Ion	Ratio	Lower	Upper
63	100		
112	3.2	4.4	6.6#

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