

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012952.D
 Acq On : 23 Sep 2019 22:24
 Operator : SY/MD
 Sample : K4984-05
 Misc : 5.86G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDK9

Manual Integrations
 APPROVED

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 9/24/2019 12:26:02 PM

Quant Time: Sep 24 14:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	793972	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	693614	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.30	152	240329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	276409	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
7) Chloroethane-d5	1.58	69	236372	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
10) 1,1-Dichloroethene-d2	2.13	63	361917	17.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.68%
20) 2-Butanone-d5	3.94	46	180311	42.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.78%
24) Chloroform-d	4.40	84	467975	21.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.08	65	266274	21.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.00%
29) Benzene-d6	5.10	84	963696	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
33) 1,2-Dichloropropane-d6	6.12	67	296574	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	7.37	98	792934	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	7.67	79	106964	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	260063	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	236048	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	13080	1.457	ug/L #	1
13) Acetone	2.19	43	29962	6.627	ug/L	99
16) Methylene chloride	2.53	84	43616	3.675	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	16285	1.533	ug/L	97
22) cis-1,2-Dichloroethene	3.95	96	26326782m	2264.287	ug/L	
35) Trichloroethene	5.96	95	16569859	1540.608	ug/L	97
47) Tetrachloroethene	8.02	164	103117924m	11796.313	ug/L	
64) 1,4-Dichlorobenzene	11.32	146	512720	33.023	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	418454	29.656	ug/L #	93

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

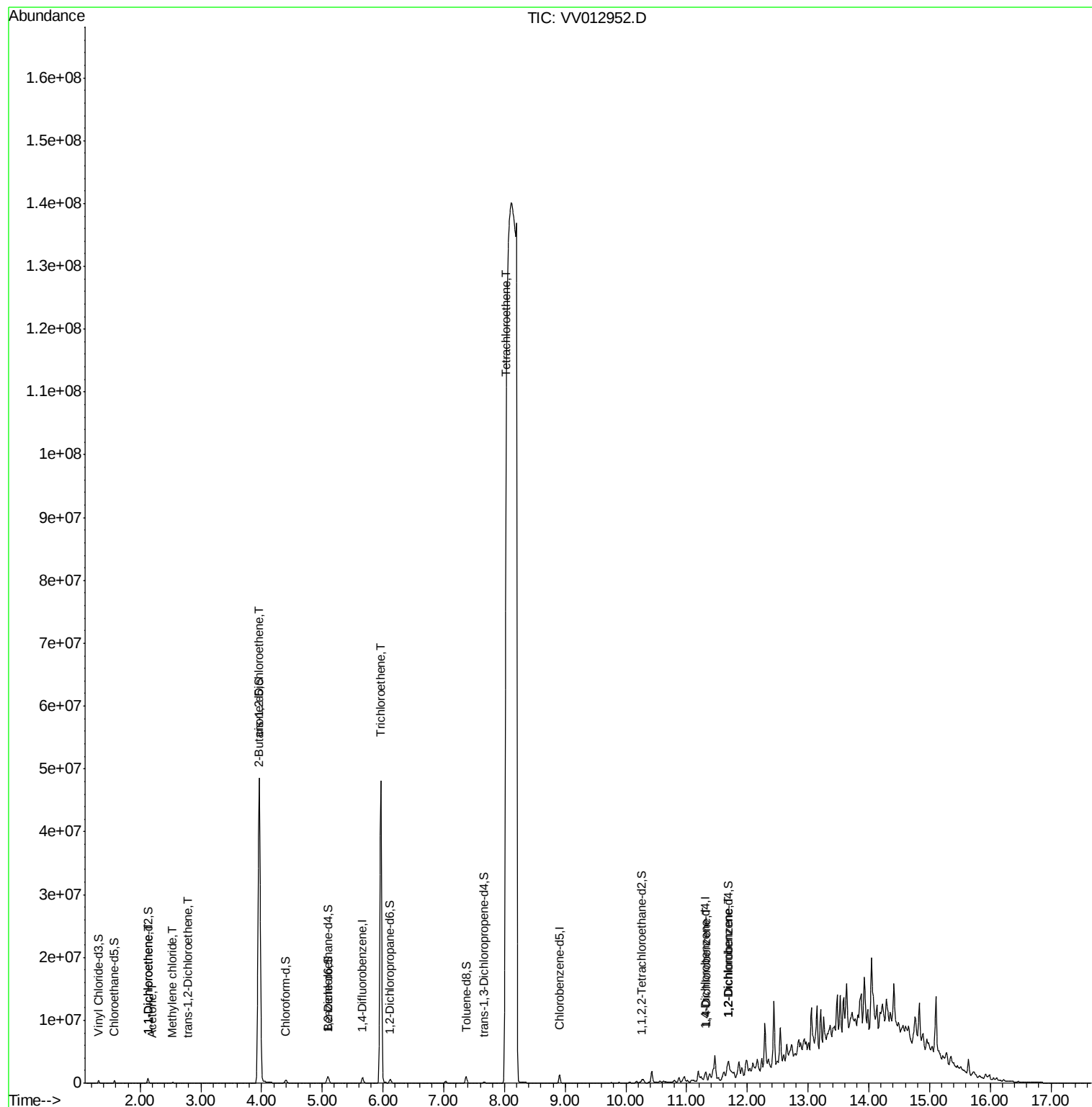
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092319\
Data File : VV012952.D
Acq On : 23 Sep 2019 22:24
Operator : SY/MD
Sample : K4984-05
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ALS Vial : 1 Sample Multiplier: 1

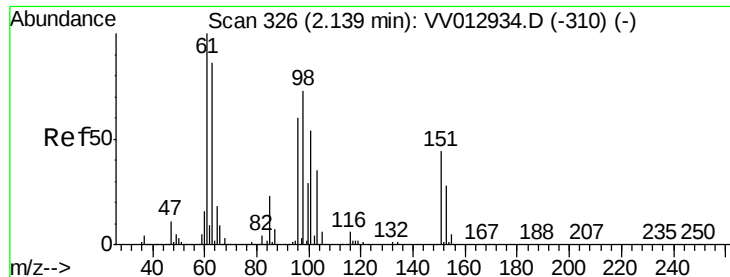
Instrument :
MSVOA_V
ClientSampleId :
BEDK9

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Quant Time: Sep 24 14:46:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.457 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV012952.D

Acq: 23 Sep 2019 22:24

Instrument :

MSVOA_V

ClientSampleId :

BEDK9

Tot Ion: 96 Resp: 13080

Ion Ratio Lower Upper

96 100

61 315.0 117.2 217.8#

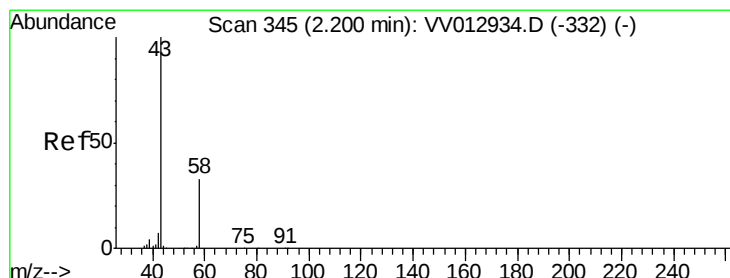
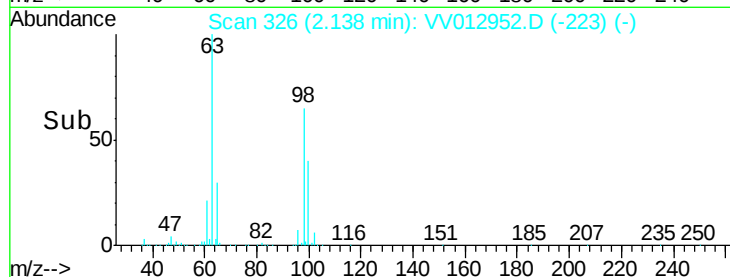
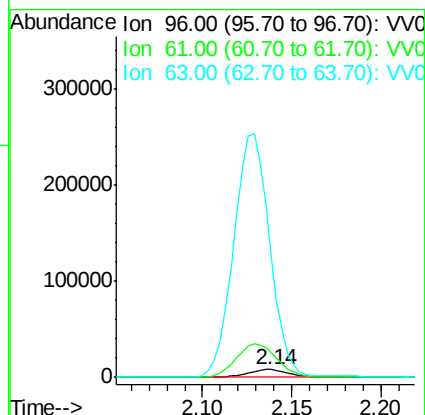
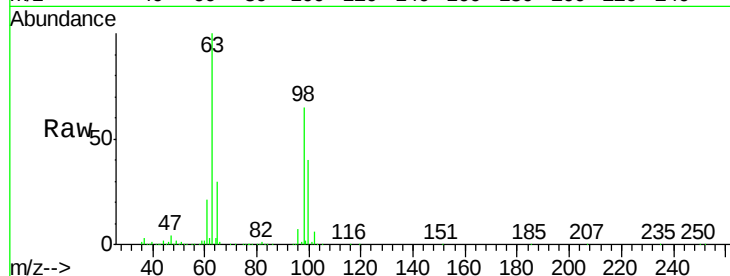
63 1532.1 89.6 166.4

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#13

Acetone

Concen: 6.627 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV012952.D

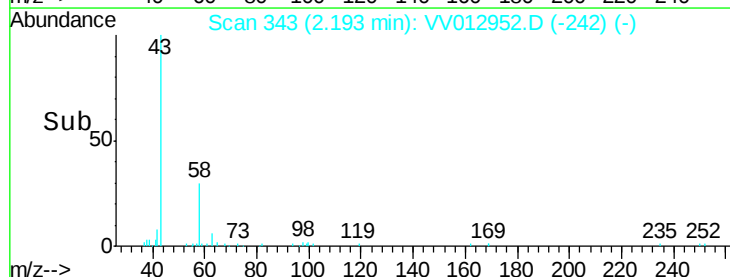
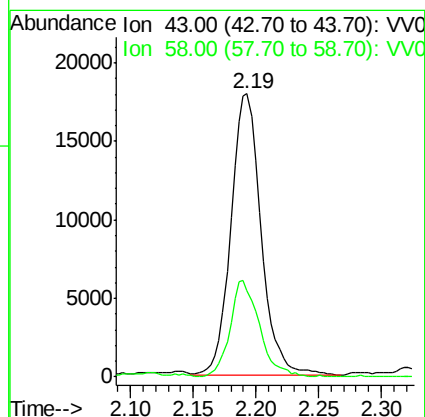
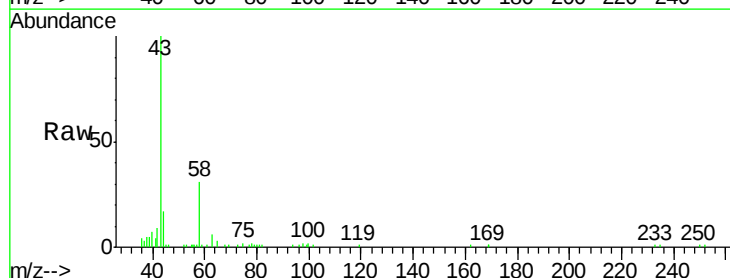
Acq: 23 Sep 2019 22:24

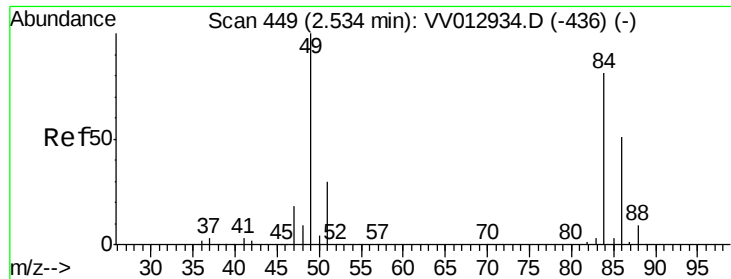
Tgt Ion: 43 Resp: 29962

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.0





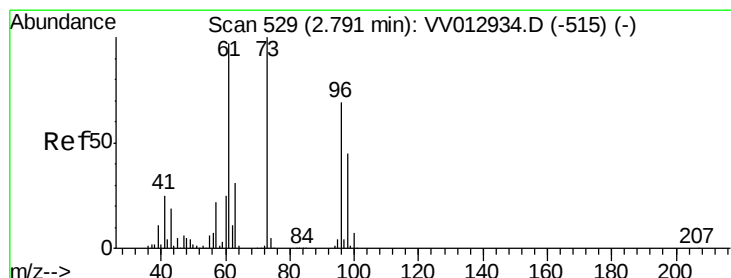
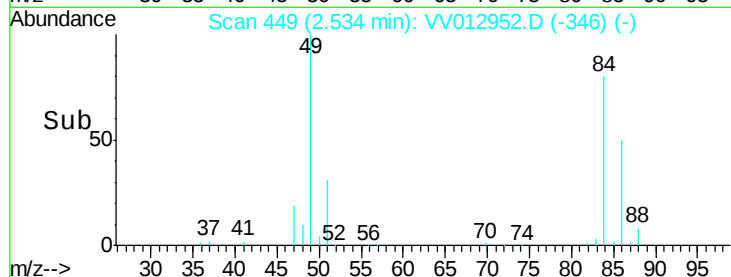
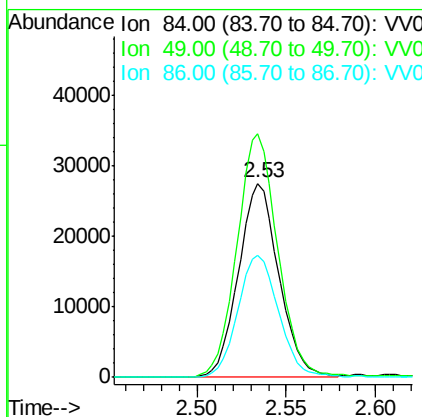
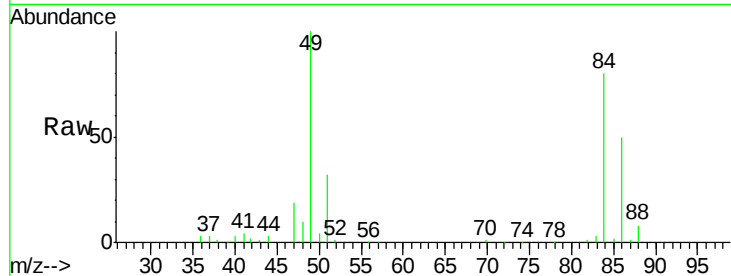
#16
Methylene chloride
Concen: 3.675 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012952.D
Acq: 23 Sep 2019 22:24

Instrument :
MSVOA_V
ClientSampled :
BEDK9

Tot Ion	Ratio	Lower	Upper
84	100		
49	125.5	88.3	164.1
86	62.8	44.9	83.3

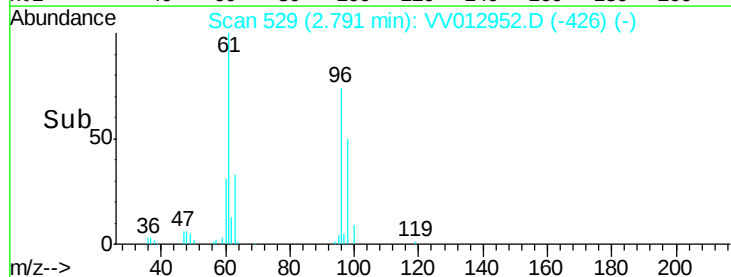
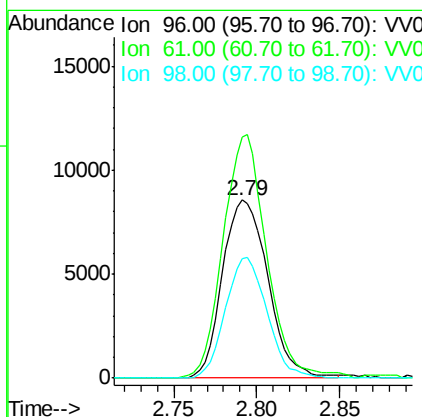
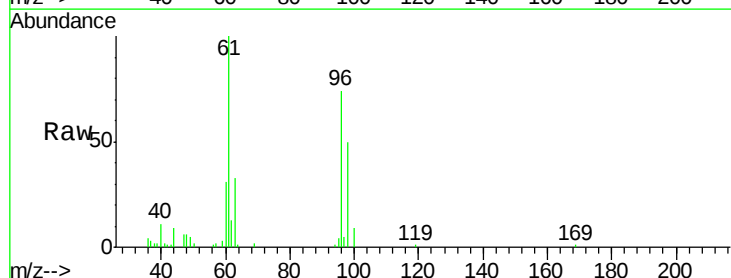
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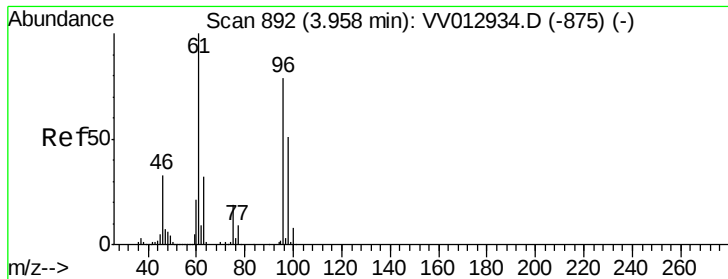
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#18
trans-1,2-Dichloroethene
Concen: 1.533 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV012952.D
Acq: 23 Sep 2019 22:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.7	96.8	179.8
98	67.5	44.8	83.2





#22

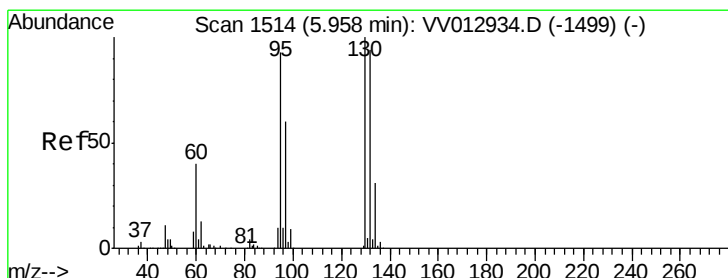
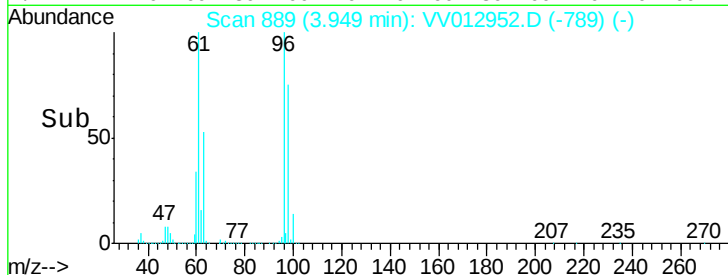
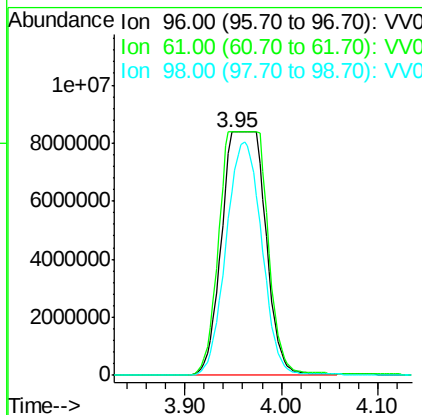
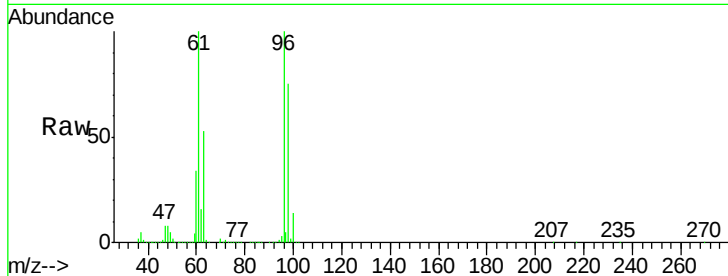
cis-1,2-Dichloroethene
 Concen: 2264.287 ug/L m
 RT: 3.95 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VV012952.D
 Acq: 23 Sep 2019 22:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDK9

Tot Ion: 96 Resp:26326782
 Ion Ratio Lower Upper
 96 100
 61 100.0 90.9 168.7
 98 75.3 45.6 84.6

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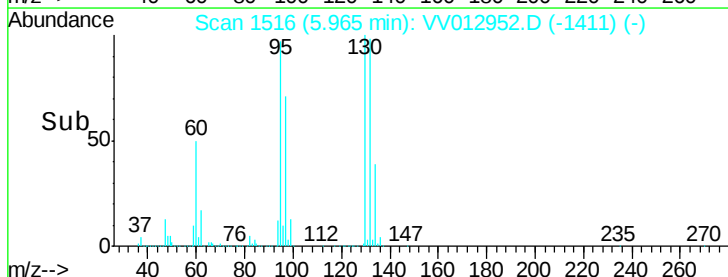
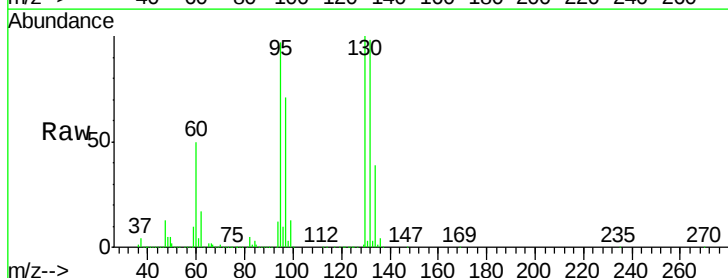
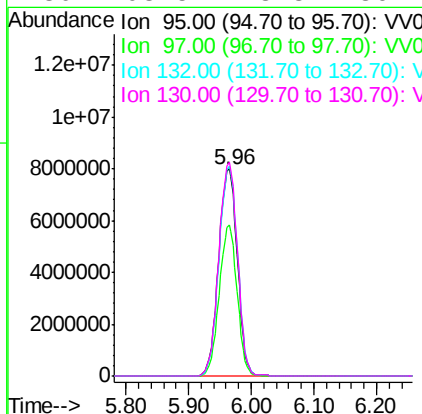
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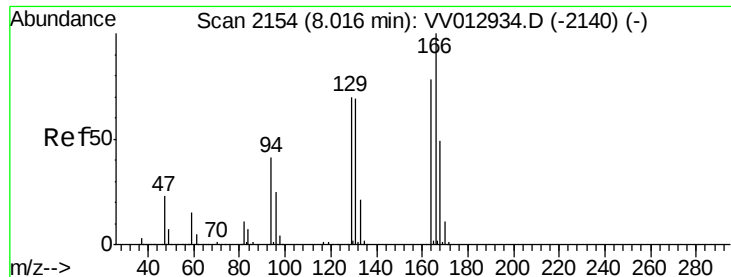


#35

Trichloroethene
 Concen: 1540.608 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV012952.D
 Acq: 23 Sep 2019 22:24

Tgt Ion: 95 Resp:16569859
 Ion Ratio Lower Upper
 95 100
 97 69.6 44.7 82.9
 132 101.0 70.1 130.1
 130 103.5 73.3 136.1





#47

Tetrachloroethene

Concen: 11796.313 ug/L m

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012952.D

Acq: 23 Sep 2019 22:24

Instrument :

MSVOA_V

ClientSampleId :

BEDK9

Tot Ion:164 Resp:10311792

Ion Ratio Lower Upper

164 100

129 100.0 62.8 116.6

131 100.0 60.2 111.8

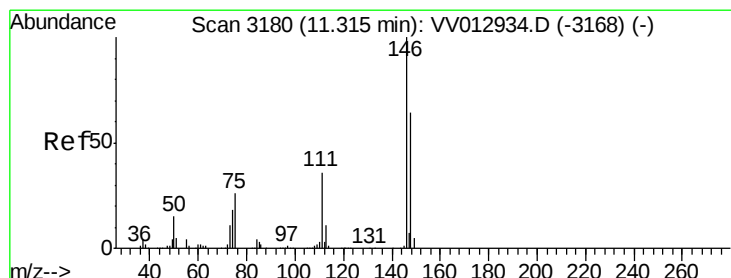
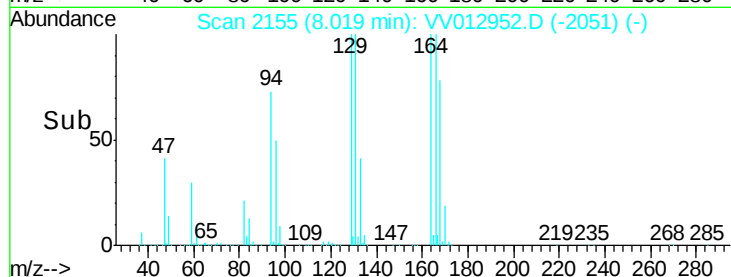
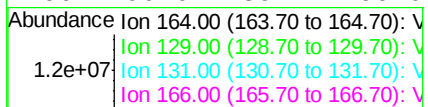
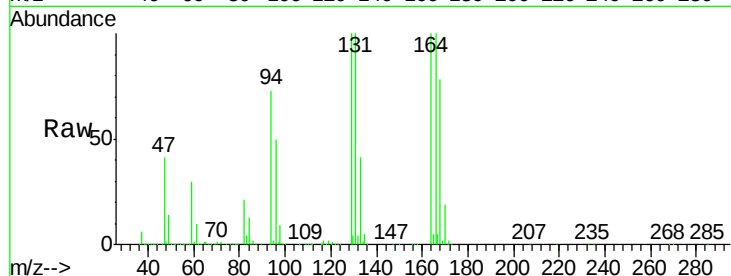
166 100.0 89.4 166.0

Manual Integrations

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#64

1,4-Dichlorobenzene

Concen: 33.023 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV012952.D

Acq: 23 Sep 2019 22:24

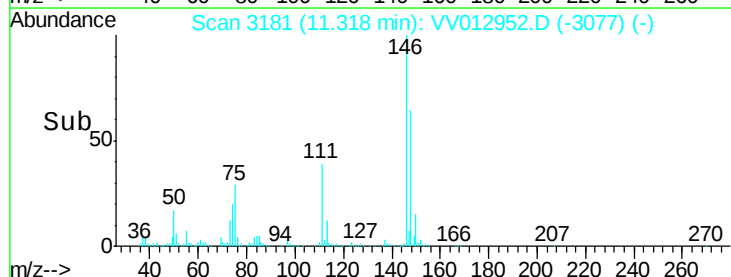
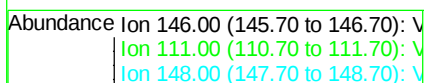
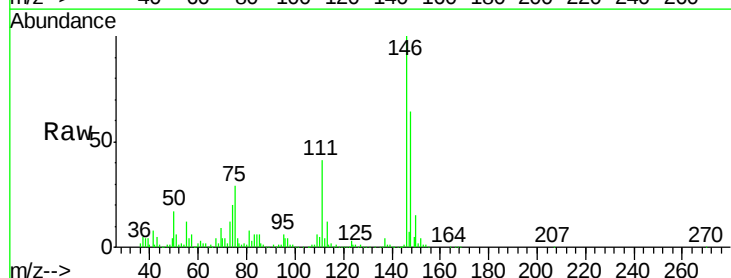
Tgt Ion:146 Resp: 512720

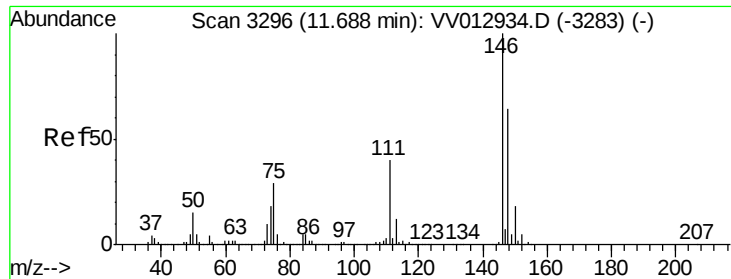
Ion Ratio Lower Upper

146 100

111 40.8 25.5 47.3

148 64.3 45.1 83.9





#65
 1,2-Dichlorobenzene
 Concen: 29.656 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV012952.D
 Acq: 23 Sep 2019 22:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDK9

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.7	31.9	47.9#
148	64.0	51.0	76.6

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