

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010147.D
 Acq On : 06 Apr 2019 12:33
 Operator : SY/MD
 Sample : K2259-13
 Misc : 5.85G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ33

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:28:37 AM

Quant Time: Apr 07 01:30:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207447	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52445	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40336	14.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.08%
7) Chloroethane-d5	1.57	69	57421	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
10) 1,1-Dichloroethene-d2	2.13	63	91348	13.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.16%
20) 2-Butanone-d5	3.94	46	58194m	73.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.28%#
24) Chloroform-d	4.40	84	135545	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	5.08	65	88113	30.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.52%
29) Benzene-d6	5.10	84	254598	29.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.60%
33) 1,2-Dichloropropane-d6	6.12	67	84018	33.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.64%#
37) Toluene-d8	7.36	98	214739	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.84%
38) trans-1,3-Dichloropropene-	7.67	79	19945	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.64%
39) 2-Hexanone-d5	8.14	63	40564	79.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.66%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72700	29.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	55278	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

Target Compounds

					Ovalue
13) Acetone	2.20	43	6670	8.537	ug/L 98
14) Carbon disulfide	2.31	76	6254	1.063	ug/L # 89
16) Methylene chloride	2.54	84	6710	1.841	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	22988	9.279	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	1649547	599.682	ug/L 99
34) Benzene	5.14	78	10018m	1.237	ug/L
35) Trichloroethene	5.96	95	40903	17.553	ug/L 98
44) Toluene	7.43	91	5382	0.592	ug/L 86

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

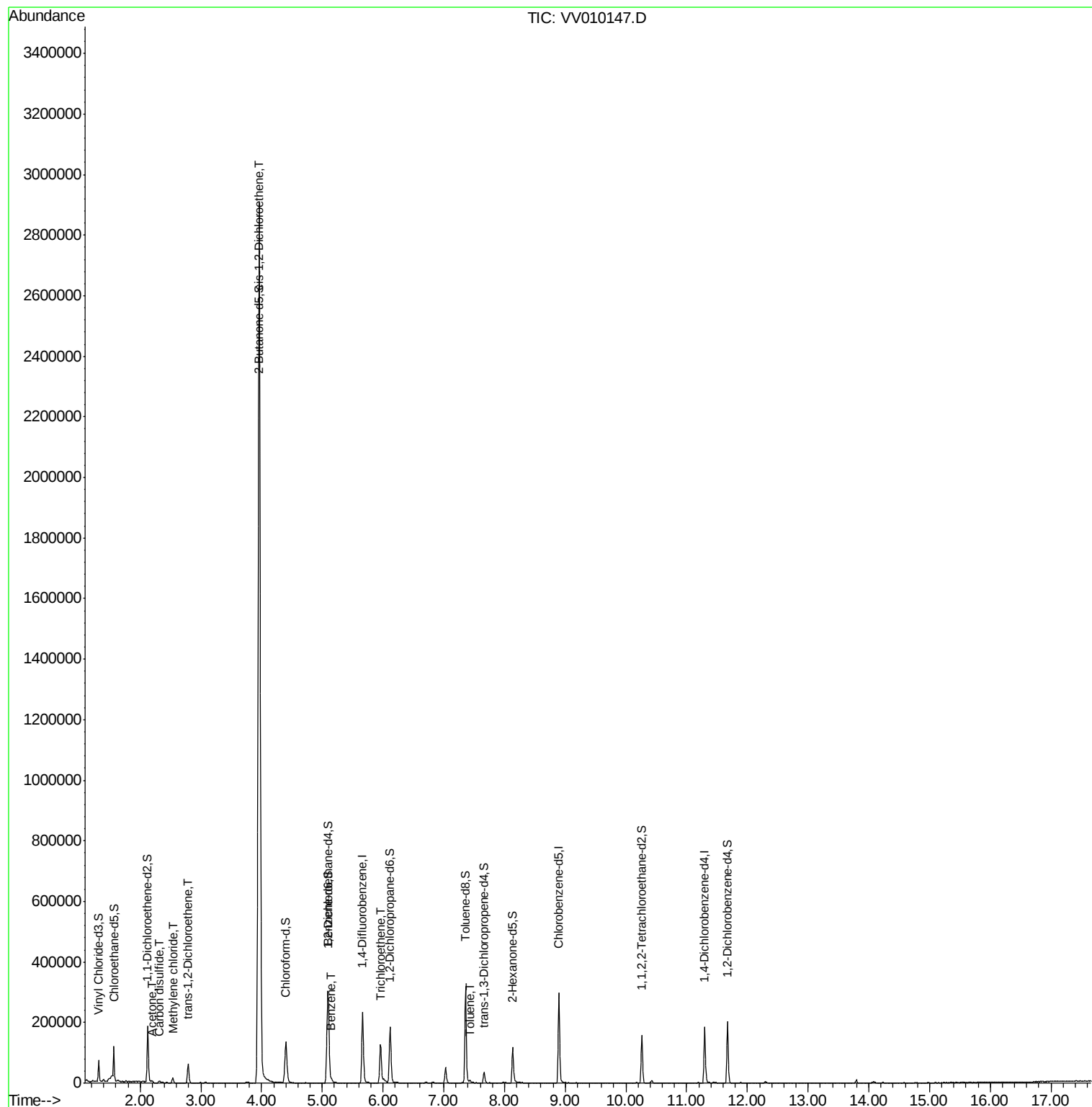
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
Data File : VV010147.D
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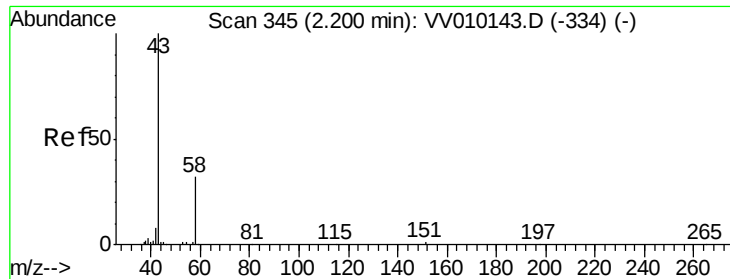
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.537 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010147.D

Acq: 06 Apr 2019 12:33

Instrument :

MSVOA_V

ClientSampleId :

ETJ33

Tot Ion: 43 Resp: 6670

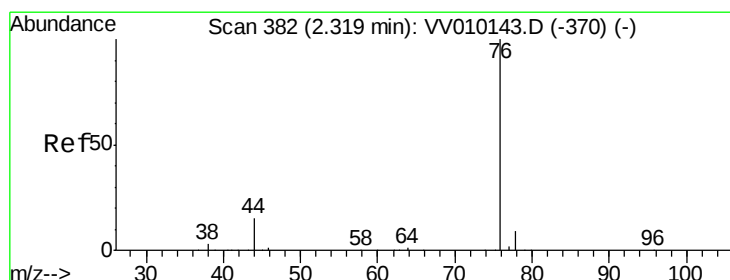
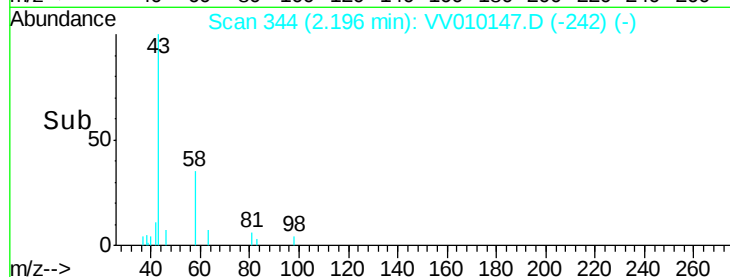
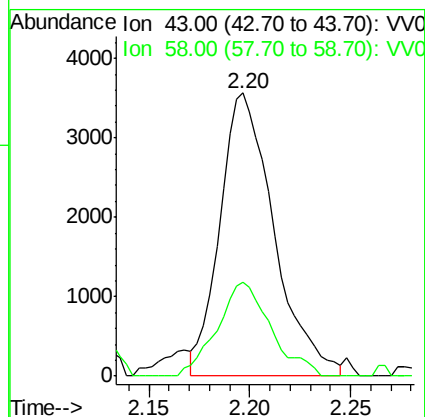
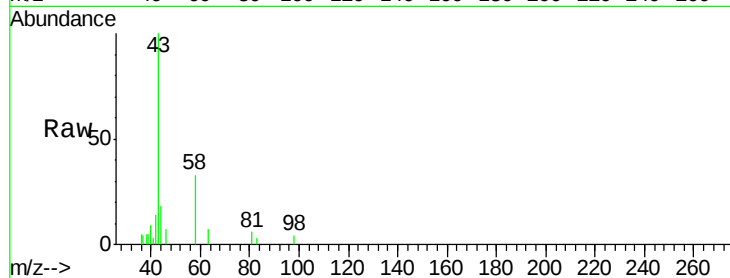
Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.6

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#14

Carbon disulfide

Concen: 1.063 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV010147.D

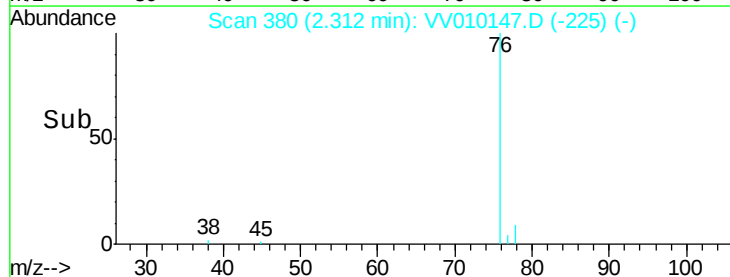
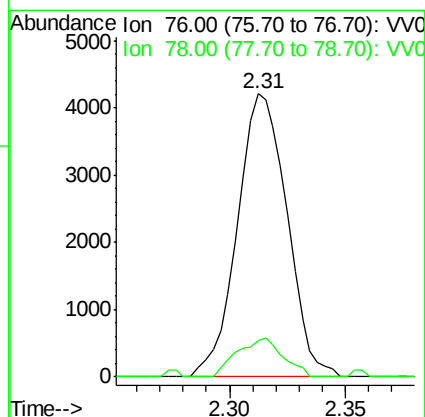
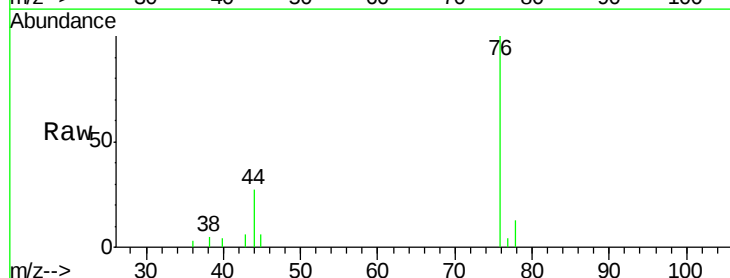
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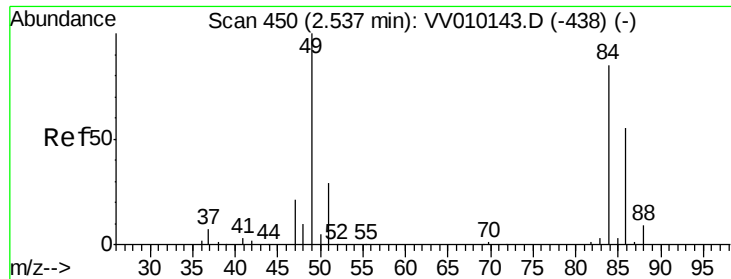
Tgt Ion: 76 Resp: 6254

Ion Ratio Lower Upper

76 100

78 12.8 7.1 10.7#





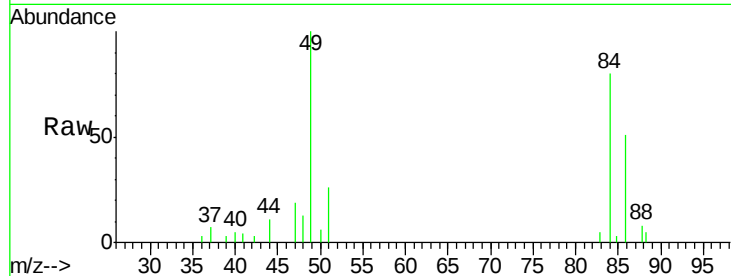
#16
Methvlene chloride
Concen: 1.841 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010147.D
Acq: 06 Apr 2019 12:33

Instrument :
MSVOA_V
ClientSampleId :
ETJ33

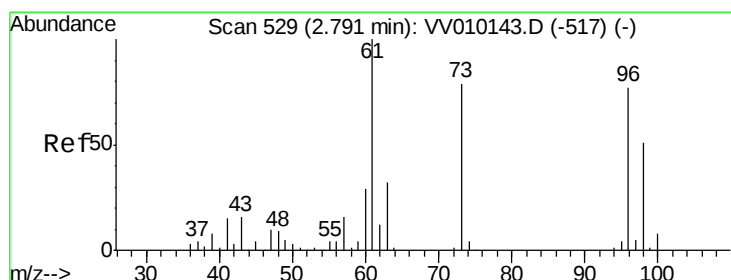
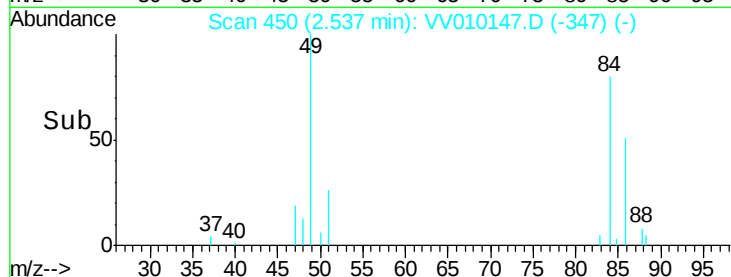
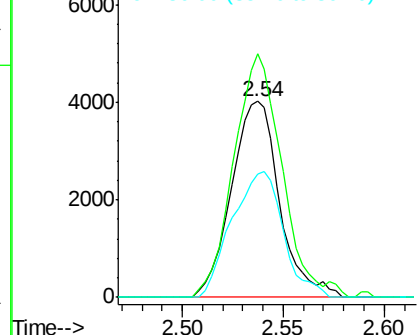
Tot Ion	Ratio	Lower	Upper
84	100		
49	124.4	84.3	156.5
86	63.3	45.4	84.2

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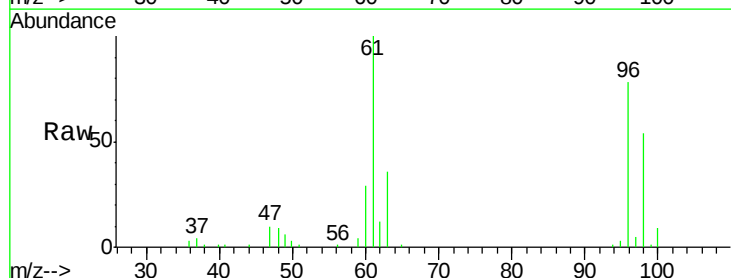


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

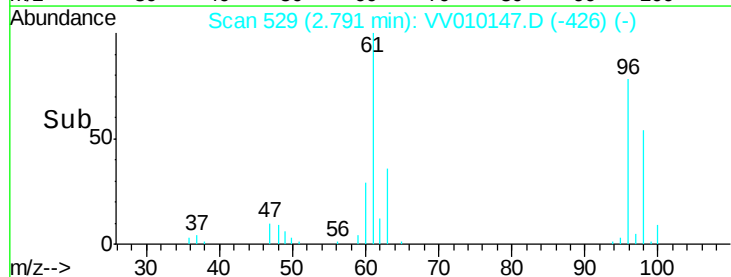
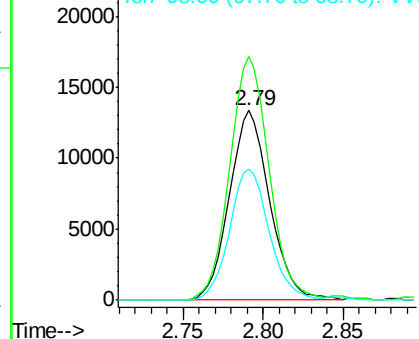


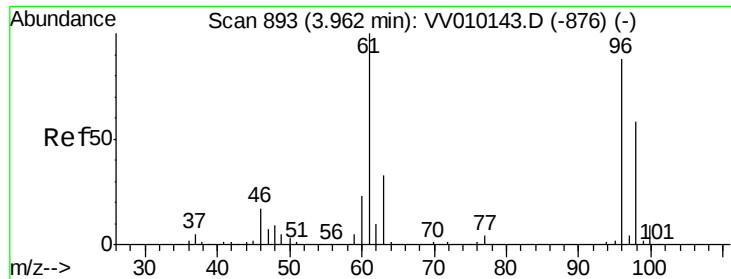
#18
trans-1,2-Dichloroethene
Concen: 9.279 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV010147.D
Acq: 06 Apr 2019 12:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.3	90.0	167.2
98	69.3	44.2	82.2



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#22

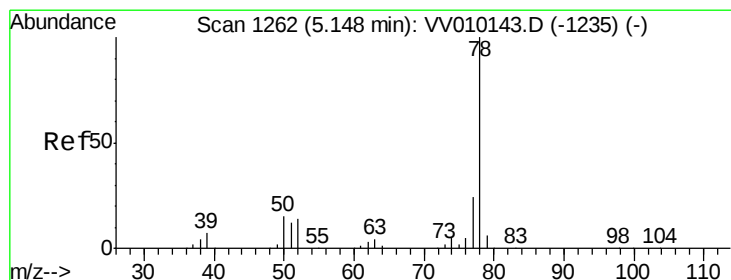
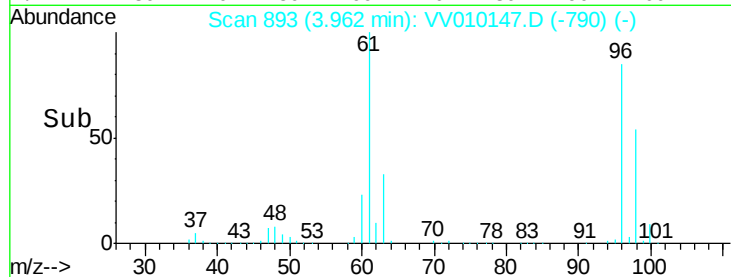
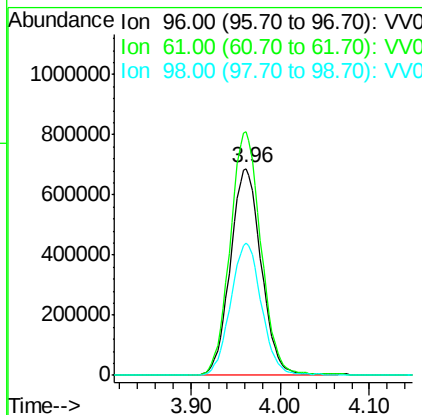
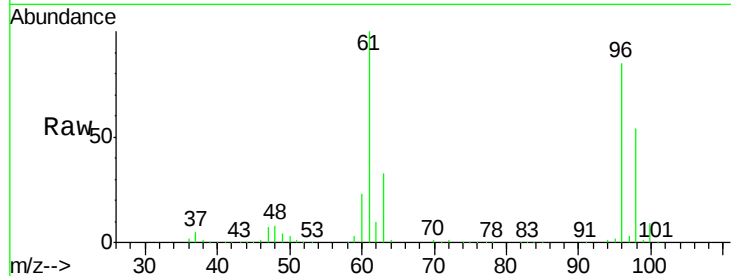
cis-1,2-Dichloroethene
Concen: 599.682 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010147.D
Acq: 06 Apr 2019 12:33

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Tot Ion: 96 Resp: 1649547
Ion Ratio Lower Upper
96 100
61 117.9 82.7 153.5
98 64.1 43.9 81.5

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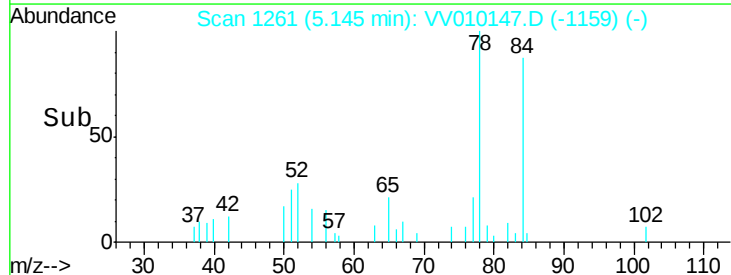
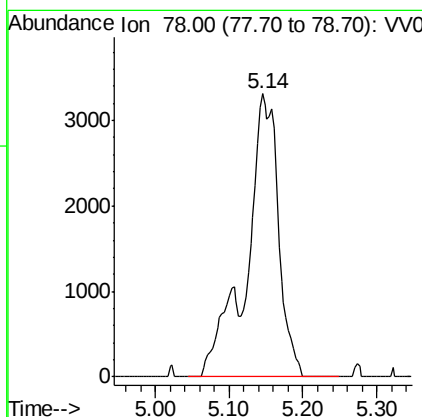
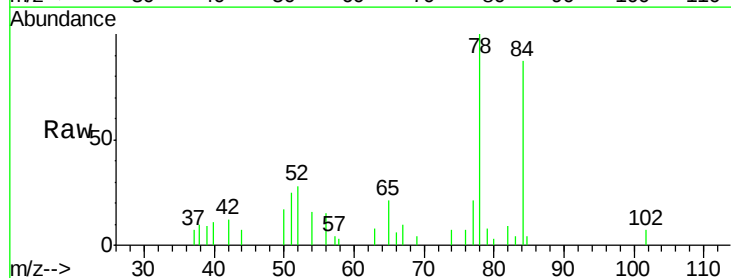
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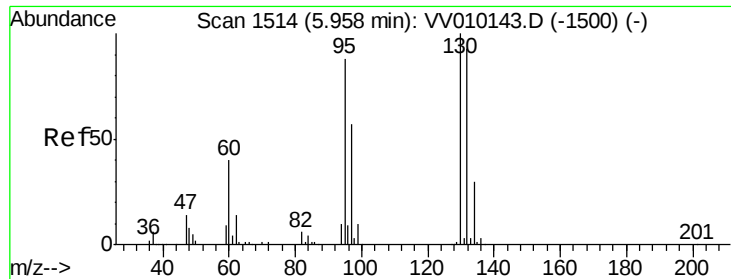


#34

Benzene
Concen: 1.237 ug/L m
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV010147.D
Acq: 06 Apr 2019 12:33

Tgt Ion: 78 Resp: 10018





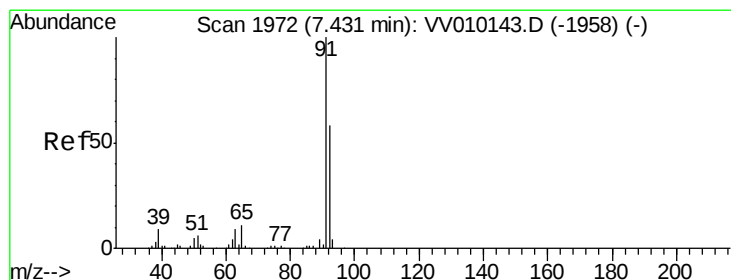
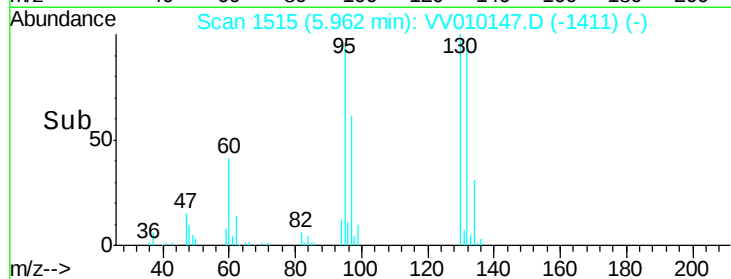
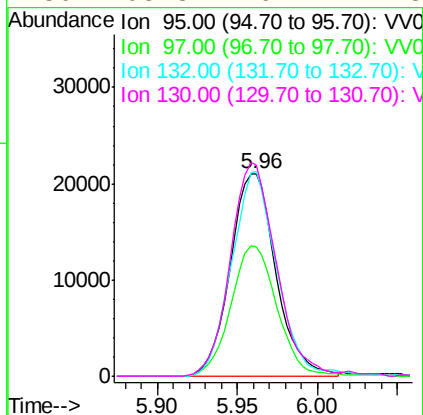
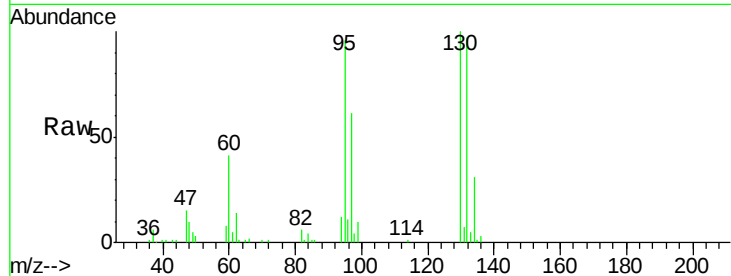
#35
 Trichloroethene
 Concen: 17.553 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV010147.D
 Acq: 06 Apr 2019 12:33

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		40903		
97	65.0	45.8	85.2		
132	98.9	70.6	131.0		
130	105.8	76.1	141.3		

Manual Integrations
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#44
 Toluene
 Concen: 0.592 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV010147.D
 Acq: 06 Apr 2019 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		5382		
92	48.1	41.0	76.2		

