

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015041.D
 Acq On : 19 Mar 2020 02:28
 Operator : SY/MD
 Sample : L1941-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM0

Manual Integrations
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sam
 3/19/2020 11:31:08 AM

Quant Time: Mar 19 06:59:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357398	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	363195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	219674	50.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111076	66.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	133.04%
7) Chloroethane-d5	1.58	69	67552	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.12	63	106260	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	3.93	46	105231	92.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.95%
24) Chloroform-d	4.38	84	203411	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.06	65	134148	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
32) Benzene-d6	5.08	84	427784	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.09	67	121250	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.16%
41) Toluene-d8	7.34	98	420317	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.64	79	63078	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.12	63	109121	93.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.91%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	174908	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.66	152	217913	49.41	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	53045	12.644	ug/L	99
29) Cyclohexane	4.71	56	4349	1.334	ug/L #	89
31) Carbon tetrachloride	4.86	117	44205	12.554	ug/L	99
33) Benzene	5.13	78	14195427	1596.652	ug/L	100
35) Methylcyclohexane	6.16	83	3928m	1.028	ug/L	
46) Tetrachloroethene	8.00	164	1941	0.849	ug/L	84
51) Chlorobenzene	8.90	112	20897195m	2957.163	ug/L	
62) 1,3-Dichlorobenzene	11.21	146	7273053	1099.941	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	21741314m	3158.801	ug/L	
65) 1,2-Dichlorobenzene	11.67	146	25560163m	3639.374	ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	5155	0.985	ug/L	89
68) 1,2,4-trichlorobenzene	13.29	180	8968821	1861.572	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	3535022	746.843	ug/L	98

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

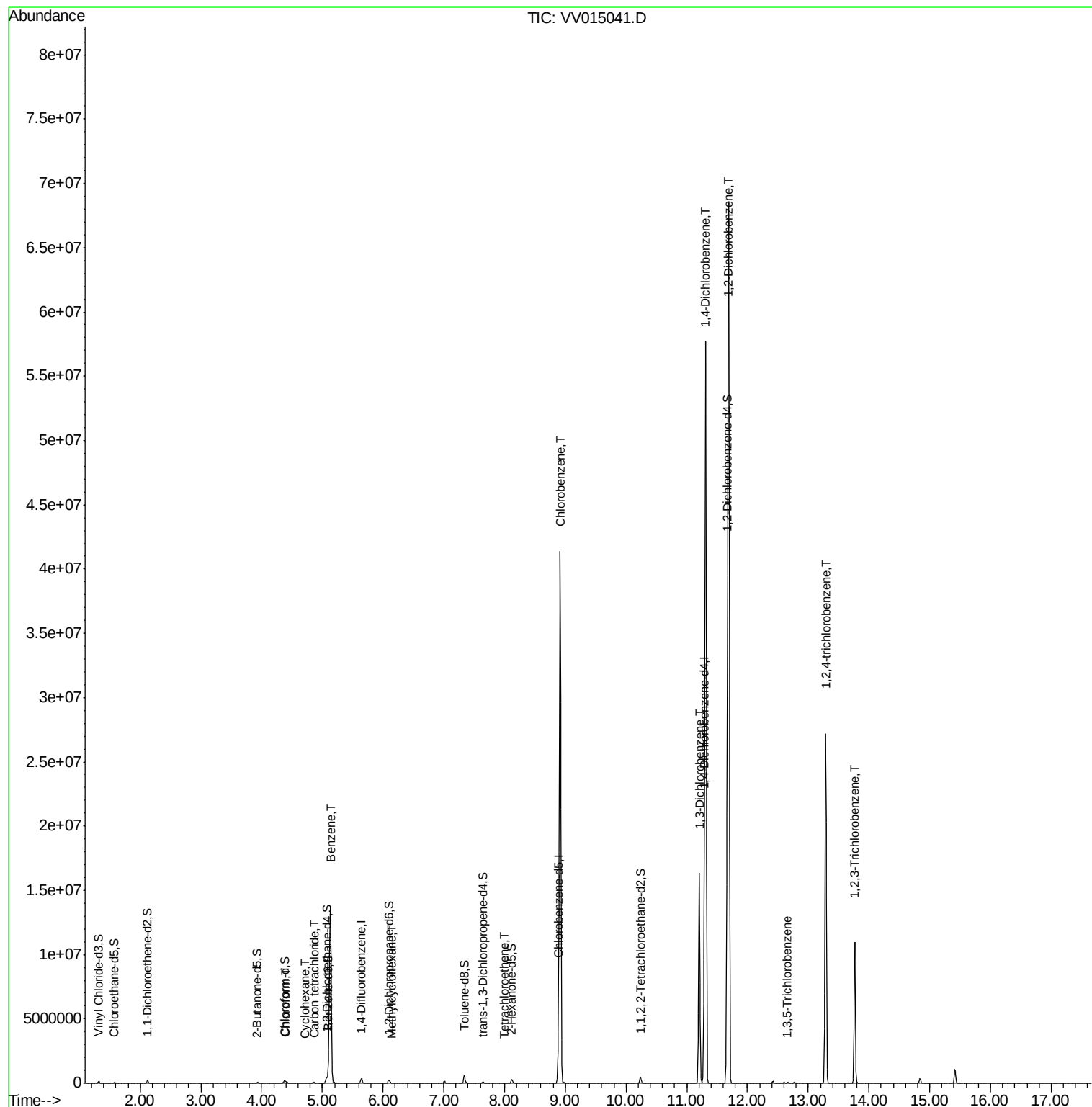
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031820\
Data File : VV015041.D
Acq On : 19 Mar 2020 02:28
Operator : SY/MD
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ALS Vial : 32 Sample Multiplier: 1

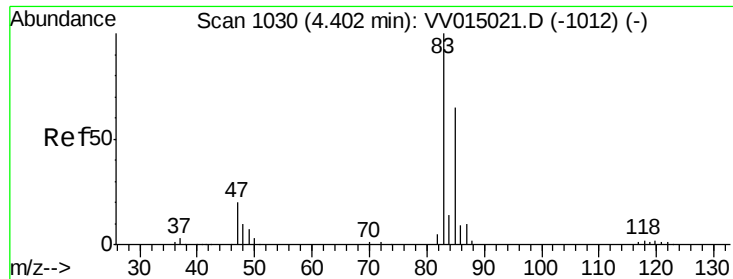
Instrument :
MSVOA_V
ClientSampleId :
C0DM0

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Quant Time: Mar 19 06:59:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration





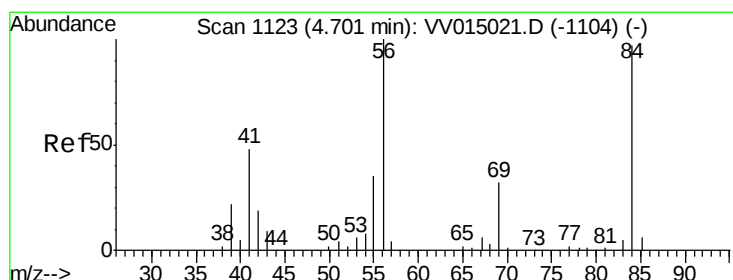
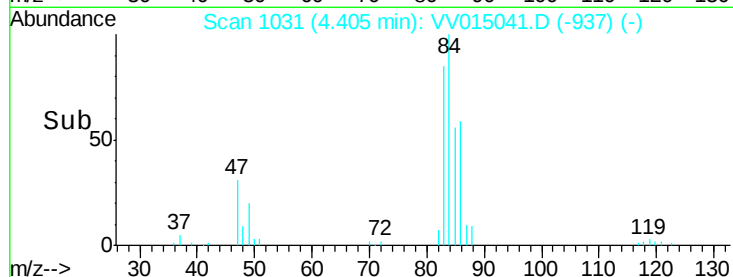
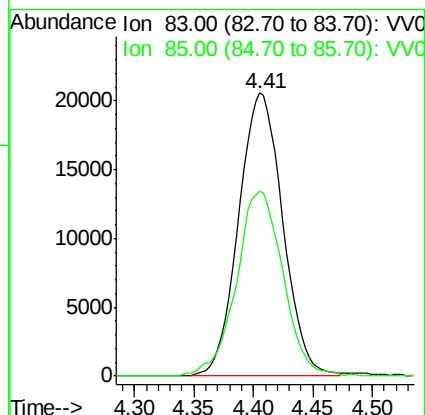
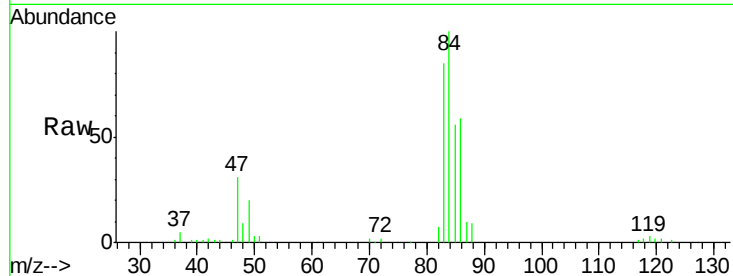
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Chloroform
Concen: 12.644 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015041.D
Acq: 19 Mar 2020 02:28

Instrument :
MSVOA_V
ClientSampled :
C0DM0

Tot Ion	83	Resp	53045
Ion Ratio	100	Lower	Upper
85	65.5	45.4	84.4

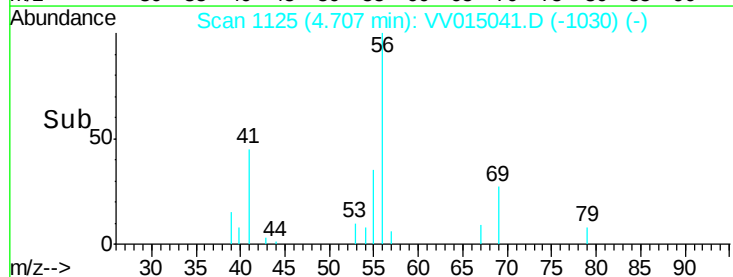
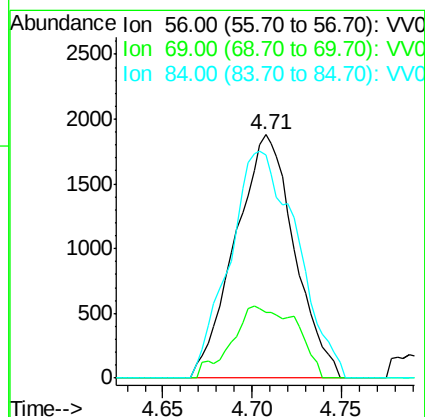
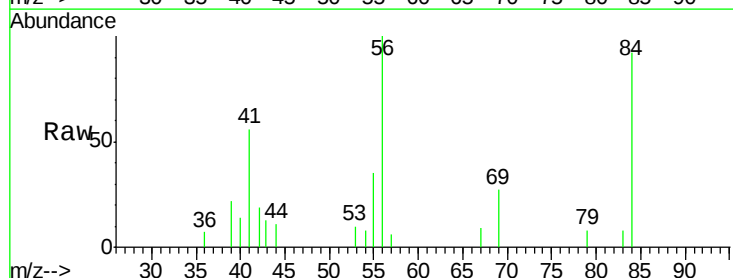
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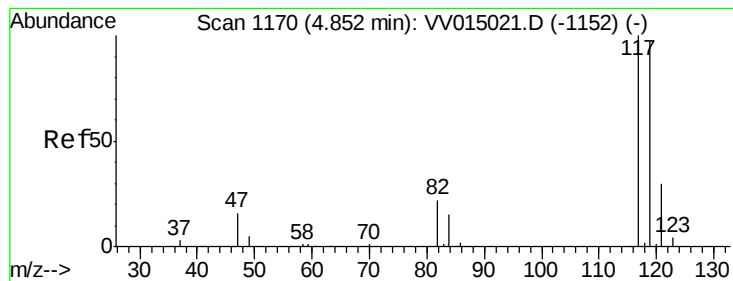
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#29
Cyclohexane
Concen: 1.334 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV015041.D
Acq: 19 Mar 2020 02:28

Tgt Ion	56	Resp	4349
Ion Ratio	100	Lower	Upper
69	16.6	25.8	38.6#
84	106.0	80.0	120.0





#31

Carbon tetrachloride

Concen: 12.554 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV015041.D

Acq: 19 Mar 2020 02:28

Instrument :

MSVOA_V

ClientSampled :

C0DM0

Tot Ion:117 Resp: 44205

Ion Ratio Lower Upper

117 100

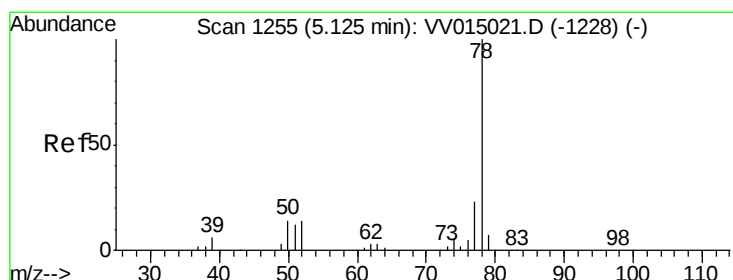
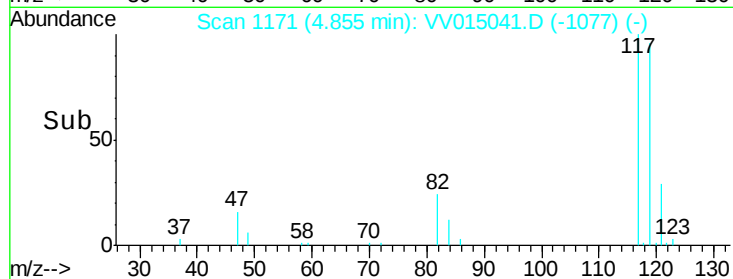
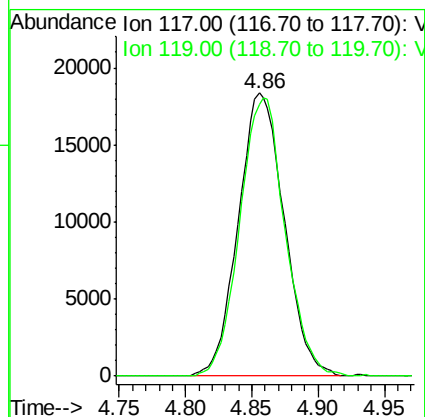
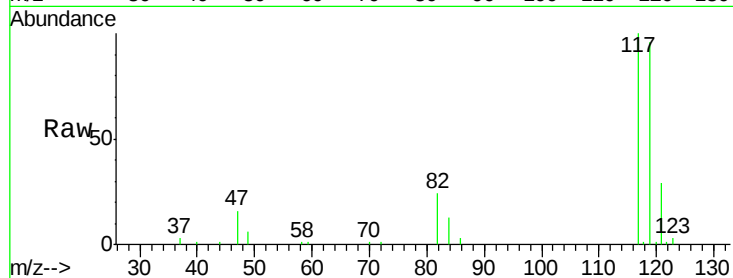
119 96.9 76.6 114.8

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#33

Benzene

Concen: 1596.652 ug/L

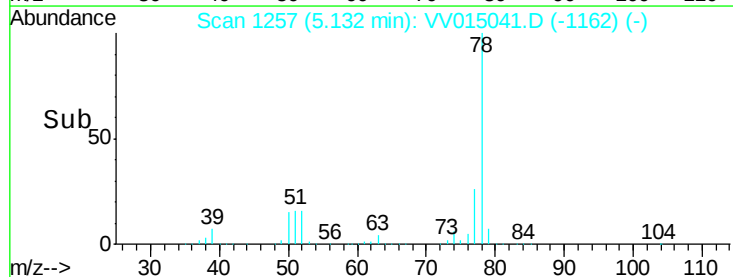
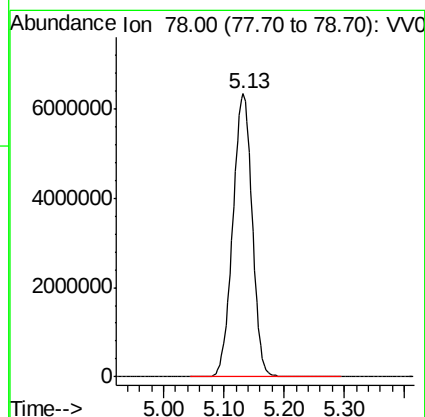
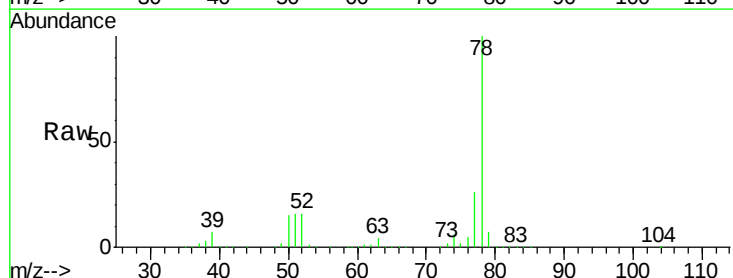
RT: 5.13 min Scan# 1257

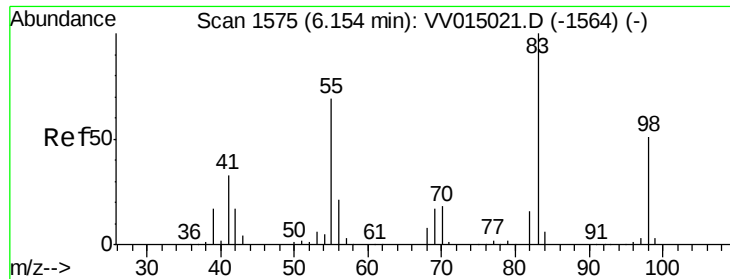
Delta R.T. 0.01 min

Lab File: VV015041.D

Acq: 19 Mar 2020 02:28

Tgt Ion: 78 Resp:14195427





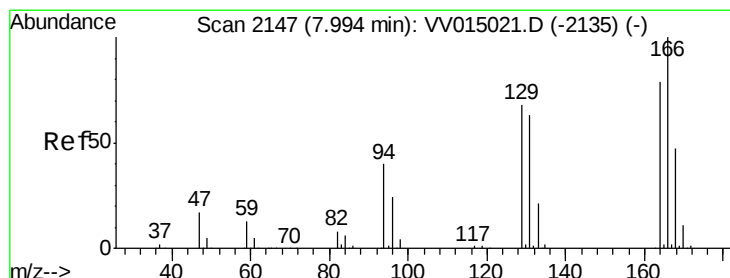
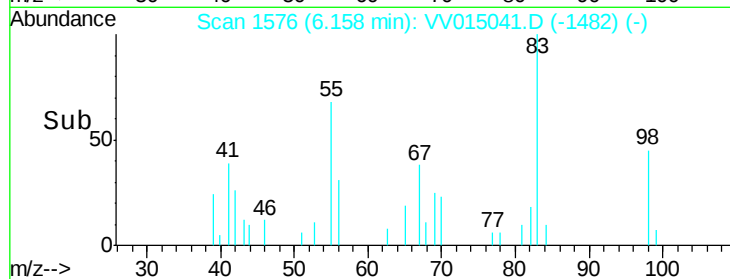
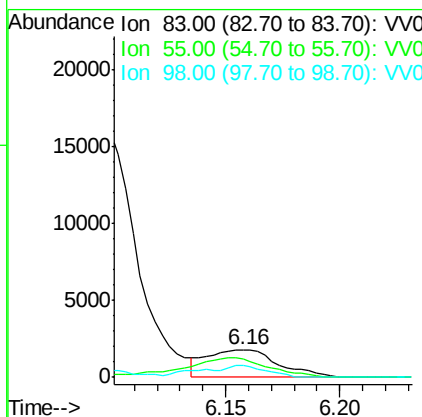
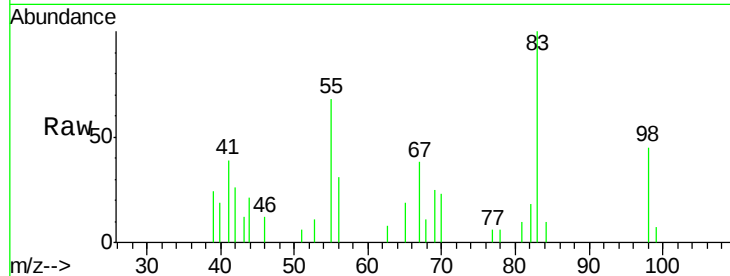
#35
Methvlcvclohexane
Concen: 1.028 ug/L m
RT: 6.16 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VV015041.D
Acq: 19 Mar 2020 02:28

Instrument :
MSVOA_V
ClientSampleId :
C0DM0

Tot Ion	83	Resp	3928
Ion Ratio	Lower	Upper	
83	100		
55	76.0	55.4	83.0
98	25.4	40.6	61.0#

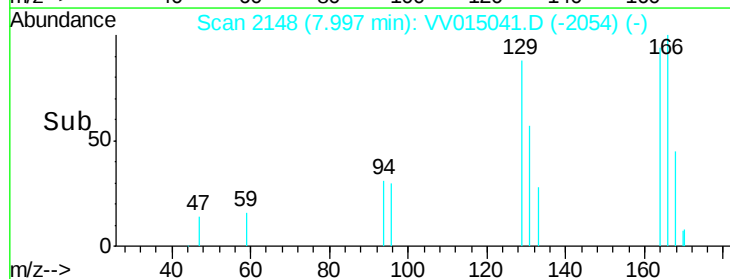
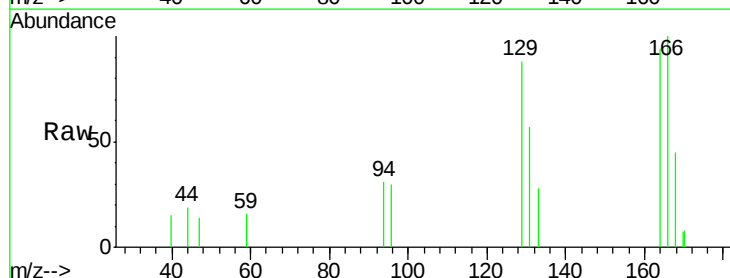
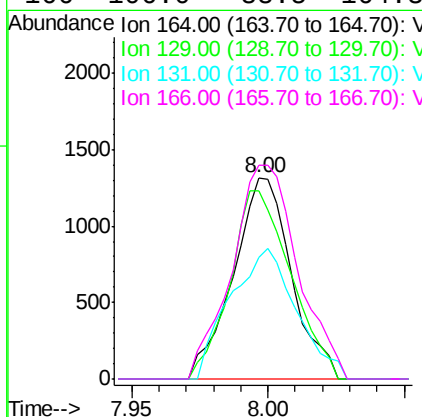
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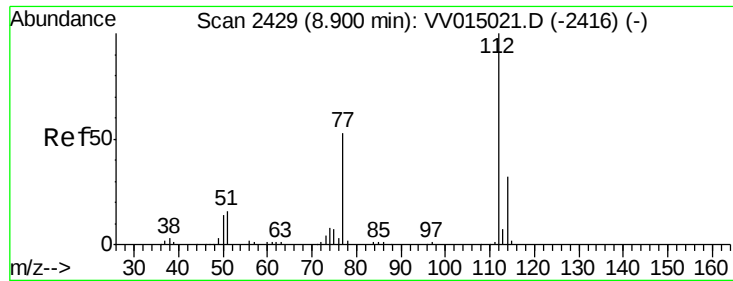
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#46
Tetrachloroethene
Concen: 0.849 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015041.D
Acq: 19 Mar 2020 02:28

Tgt Ion	164	Resp	1941
Ion Ratio	Lower	Upper	
164	100		
129	93.6	60.4	112.2
131	60.5	57.0	105.8
166	106.0	88.5	164.3





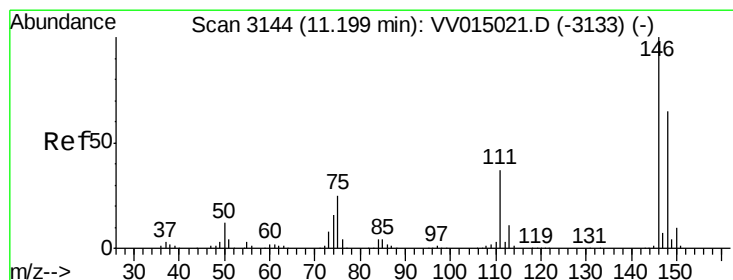
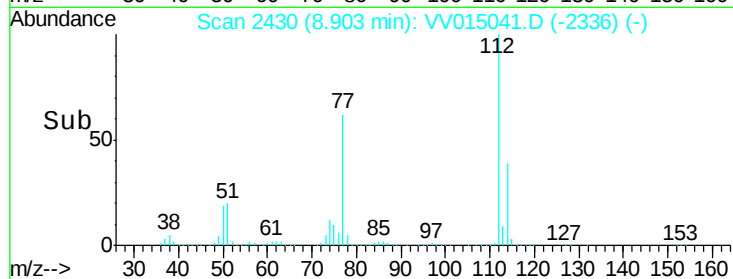
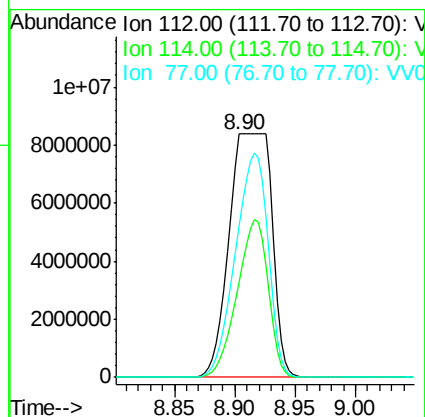
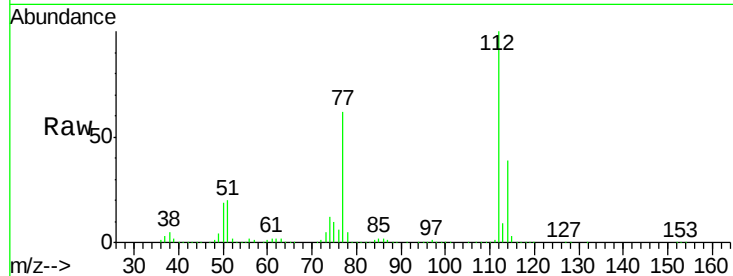
#51
Chlorobenzene
Concen: 2957.163 ug/L m
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015041.D
Acq: 19 Mar 2020 02:28

Instrument :
MSVOA_V
ClientSampled :
C0DM0

Tot Ion:112 Resp:20897195
Ion Ratio Lower Upper
112 100
114 39.3 22.4 41.6
77 62.2 42.9 64.3

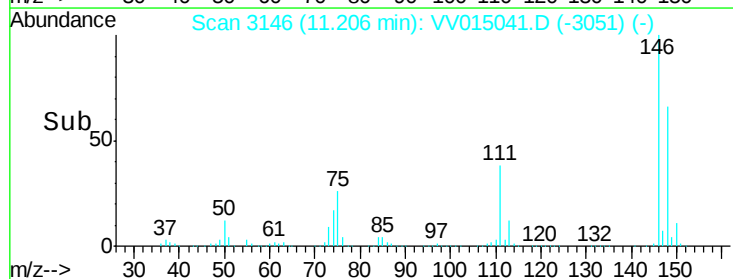
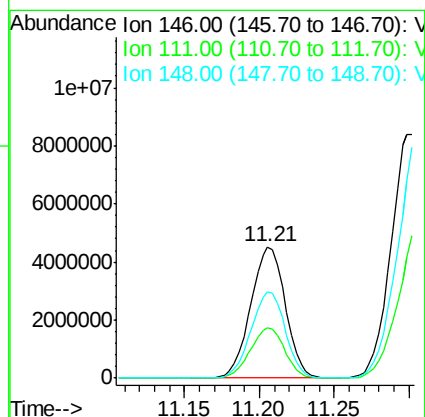
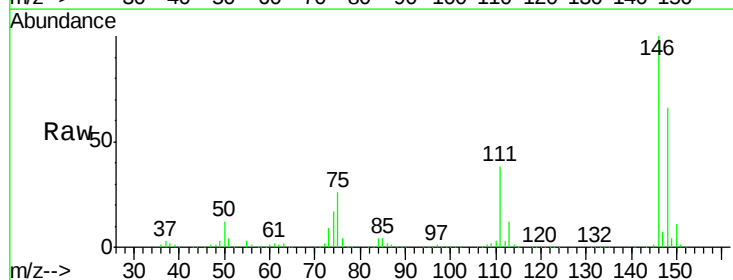
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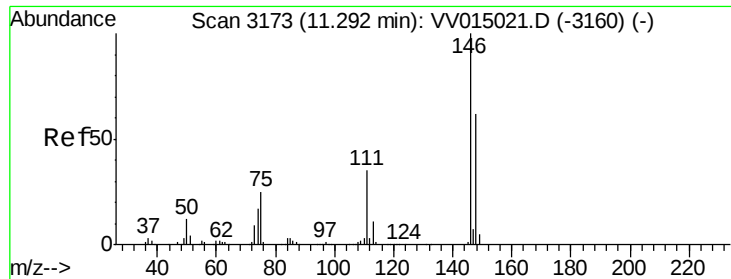
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#62
1,3-Dichlorobenzene
Concen: 1099.941 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.01 min
Lab File: VV015041.D
Acq: 19 Mar 2020 02:28

Tgt Ion:146 Resp: 7273053
Ion Ratio Lower Upper
146 100
111 38.3 25.7 47.7
148 65.7 45.4 84.4





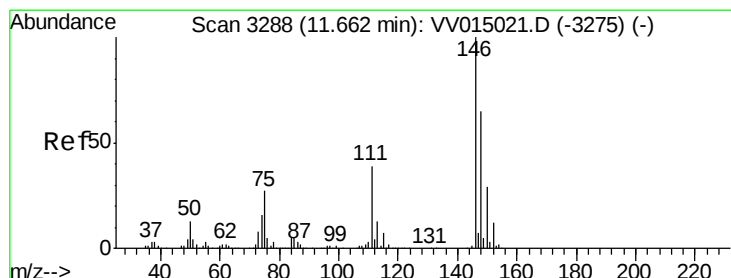
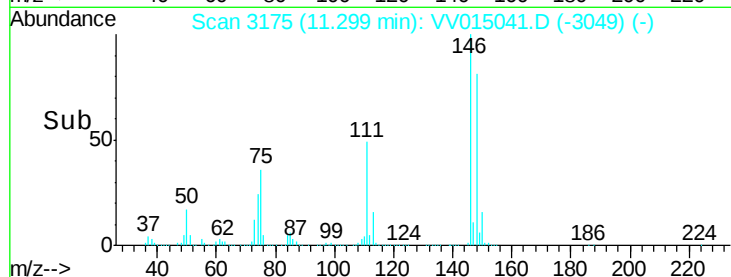
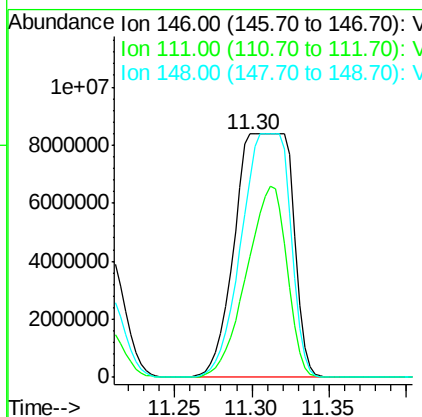
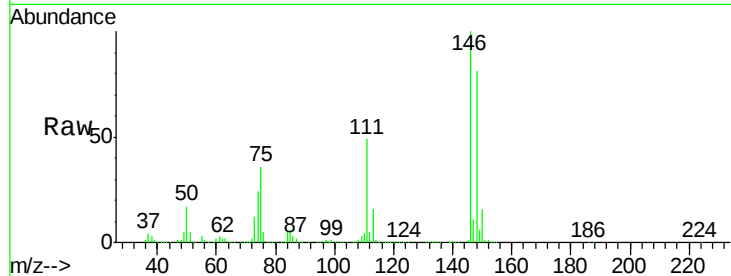
#63
 1,4-Dichlorobenzene
 Concen: 3158.801 ug/L m
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: VV015041.D
 Acq: 19 Mar 2020 02:28

Instrument :
 MSVOA_V
 ClientSampled :
 C0DM0

Tot Ion:146 Resp:21741314
 Ion Ratio Lower Upper
 146 100
 111 49.4 25.8 48.0#
 148 81.1 45.7 84.9

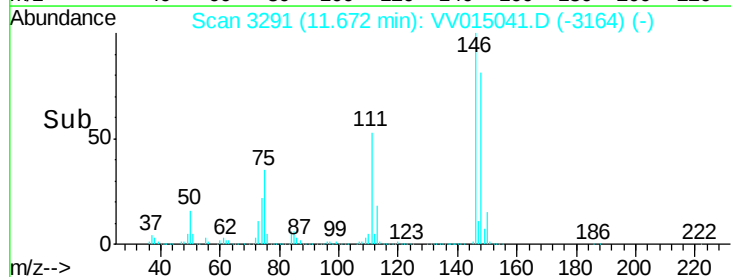
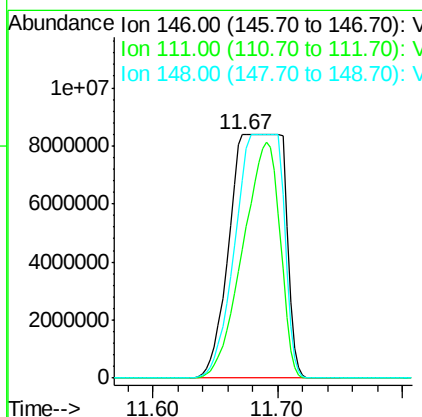
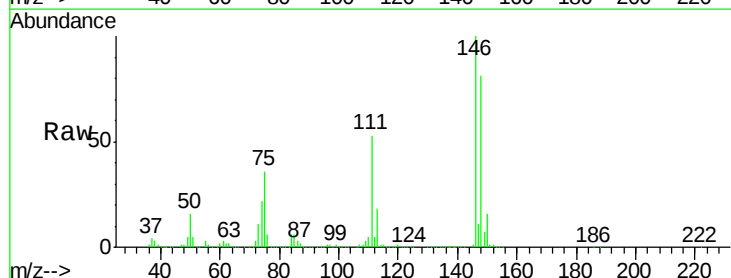
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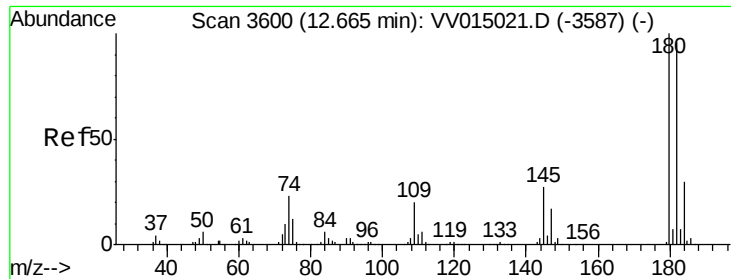
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#65
 1,2-Dichlorobenzene
 Concen: 3639.374 ug/L m
 RT: 11.67 min Scan# 3291
 Delta R.T. 0.01 min
 Lab File: VV015041.D
 Acq: 19 Mar 2020 02:28

Tgt Ion:146 Resp:25560163
 Ion Ratio Lower Upper
 146 100
 111 52.8 31.5 47.3#
 148 81.1 51.7 77.5#





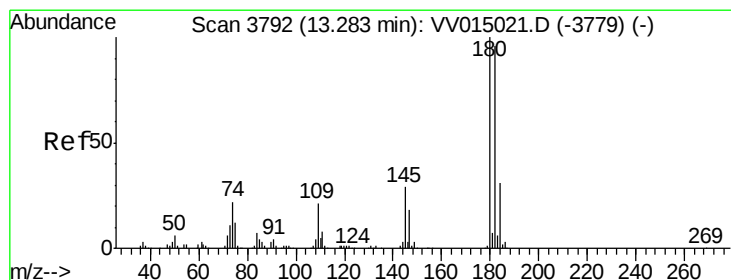
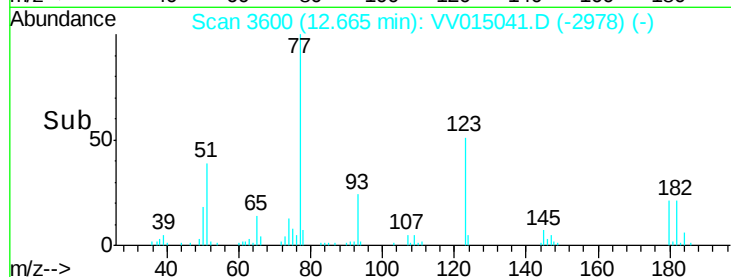
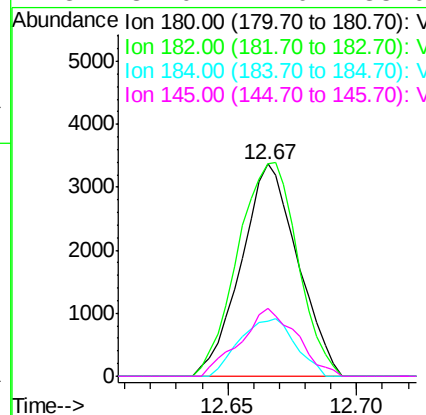
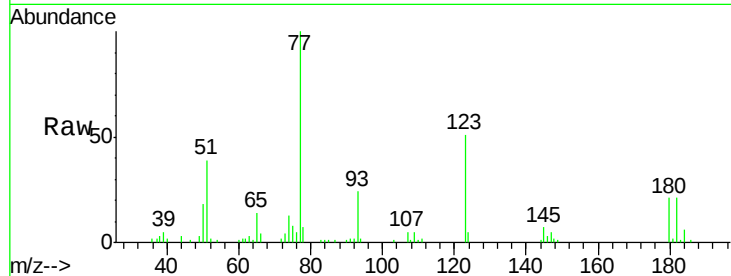
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 1,3,5-Trichlorobenzene
 Concen: 0.985 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VV015041.D
 Acq: 19 Mar 2020 02:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM0

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.5	75.2	112.8
184	26.7	23.9	35.9
145	32.0	22.0	33.0

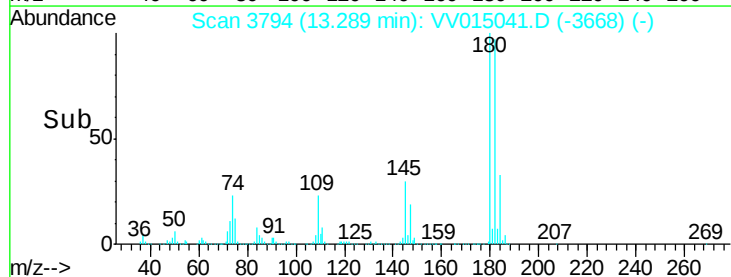
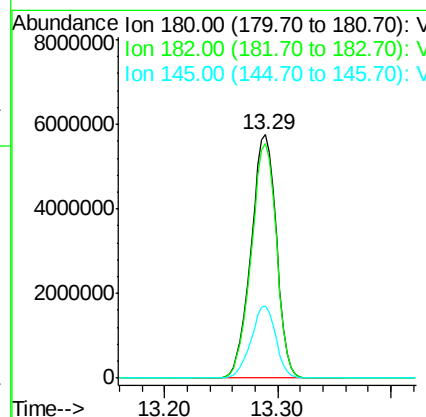
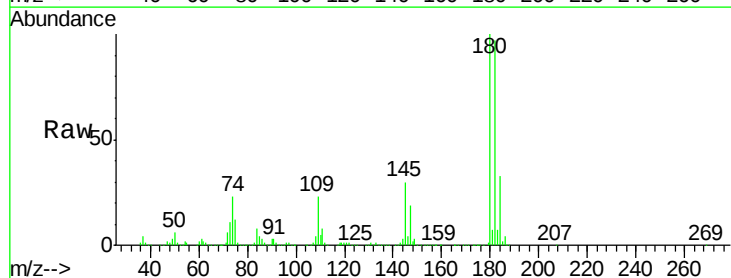
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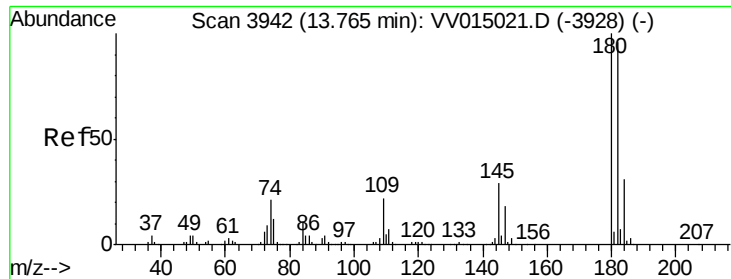
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#68
 1,2,4-trichlorobenzene
 Concen: 1861.572 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.01 min
 Lab File: VV015041.D
 Acq: 19 Mar 2020 02:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	29.1	22.2	33.4





#70
 1,2,3-Trichlorobenzene
 Concen: 746.843 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV015041.D
 Acq: 19 Mar 2020 02:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM0

Tot Ion:	180	Resp:	3535022
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.5	113.3
145	29.8	23.5	35.3

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