

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015944.D
 Acq On : 07 May 2020 17:07
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 MDL06

Manual Integrations
 APPROVED

apatel
 5/8/2020 12:58:25 PM

Quant Time: May 08 06:01:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 12:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132907	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131532	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37727	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	35475	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	60858	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.96	46	113603	54.69	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	4.38	84	80543	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	51154	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.07	84	166033	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.09	67	53445	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.34	98	151442	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
45) trans-1,3-Dichloropropene-	7.65	79	18410	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
48) 2-Hexanone-d5	8.12	63	85673	52.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36168	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	56084	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2329	0.229	ug/L	97
3) Chloromethane	1.24	50	2895	0.281	ug/L	98
5) Vinyl chloride	1.32	62	2370	0.240	ug/L #	56
6) Bromomethane	1.53	94	1696	0.303	ug/L	79
8) Chloroethane	1.59	64	3359	0.544	ug/L	91
9) Trichlorofluoromethane	1.76	101	3130	0.231	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2214	0.290	ug/L	91
12) 1,1-Dichloroethene	2.13	96	2433	0.333	ug/L #	1
13) Acetone	2.25	43	3025m	2.241	ug/L	
14) Carbon disulfide	2.30	76	5730	0.237	ug/L #	94
16) Methylene chloride	2.52	84	2782	0.318	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	4556	0.240	ug/L #	89
18) trans-1,2-Dichloroethene	2.78	96	1892	0.234	ug/L	95
19) 1,1-Dichloroethane	3.21	63	3874	0.249	ug/L	95
21) 2-Butanone	4.06	43	4166m	2.024	ug/L	
22) cis-1,2-Dichloroethene	3.95	96	1851	0.219	ug/L	99
23) Bromochloromethane	4.29	128	856m	0.237	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.41	83	11830	0.690	ug/L	98
27) 1,2-Dichloroethane	5.16	62	2720	0.258	ug/L #	76
29) 1,1,1-Trichloroethane	4.63	97	3134	0.216	ug/L	97
30) Cyclohexane	4.70	56	3176	0.219	ug/L #	90
31) Carbon tetrachloride	4.85	117	2728	0.218	ug/L	94
33) Benzene	5.13	78	7809	0.236	ug/L	100
34) Trichloroethene	5.94	95	2111	0.223	ug/L	93
35) Methylcyclohexane	6.15	83	3778	0.264	ug/L	96
37) 1,2-Dichloropropane	6.21	63	2196	0.261	ug/L #	87
38) Bromodichloromethane	6.54	83	2476	0.232	ug/L #	90
39) cis-1,3-Dichloropropene	7.05	75	2615	0.220	ug/L	91
40) 4-Methyl-2-pentanone	7.26	43	11085	2.115	ug/L #	86
42) Toluene	7.41	91	8339	0.238	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	5858	0.182	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	5681	0.177	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	2333	0.232	ug/L	98
47) 1,1,2-Trichloroethane	7.87	97	1349	0.240	ug/L	88
49) Tetrachloroethene	8.00	164	1635	0.248	ug/L	87
50) 2-Hexanone	8.17	43	15562	4.199	ug/L #	88
51) Dibromochloromethane	8.27	129	1292	0.205	ug/L	92
52) 1,2-Dibromoethane	8.38	107	1151	0.221	ug/L #	93
53) Chlorobenzene	8.91	112	5349	0.237	ug/L	99
54) Ethylbenzene	9.04	91	8406	0.211	ug/L	97
55) m,p-xylene	9.16	106	3029	0.205	ug/L	83
56) o-xylene	9.57	106	2673	0.189	ug/L	91
57) Styrene	9.59	104	4296	0.182	ug/L	98
58) Isopropylbenzene	9.95	105	8151	0.210	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	1639	0.273	ug/L #	90
62) Bromoform	9.76	173	520	0.183	ug/L #	60
63) 1,3-Dichlorobenzene	11.21	146	3996	0.240	ug/L	95
64) 1,4-Dichlorobenzene	11.30	146	4490	0.268	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	3996	0.265	ug/L	93
68) 1,3,5-Trichlorobenzene	12.67	180	2689	0.221	ug/L #	92
69) 1,2,4-trichlorobenzene	13.29	180	2589	0.247	ug/L	95
70) Naphthalene	13.53	128	3483	0.209	ug/L #	91
71) 1,2,3-Trichlorobenzene	13.77	180	2033	0.220	ug/L	95

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

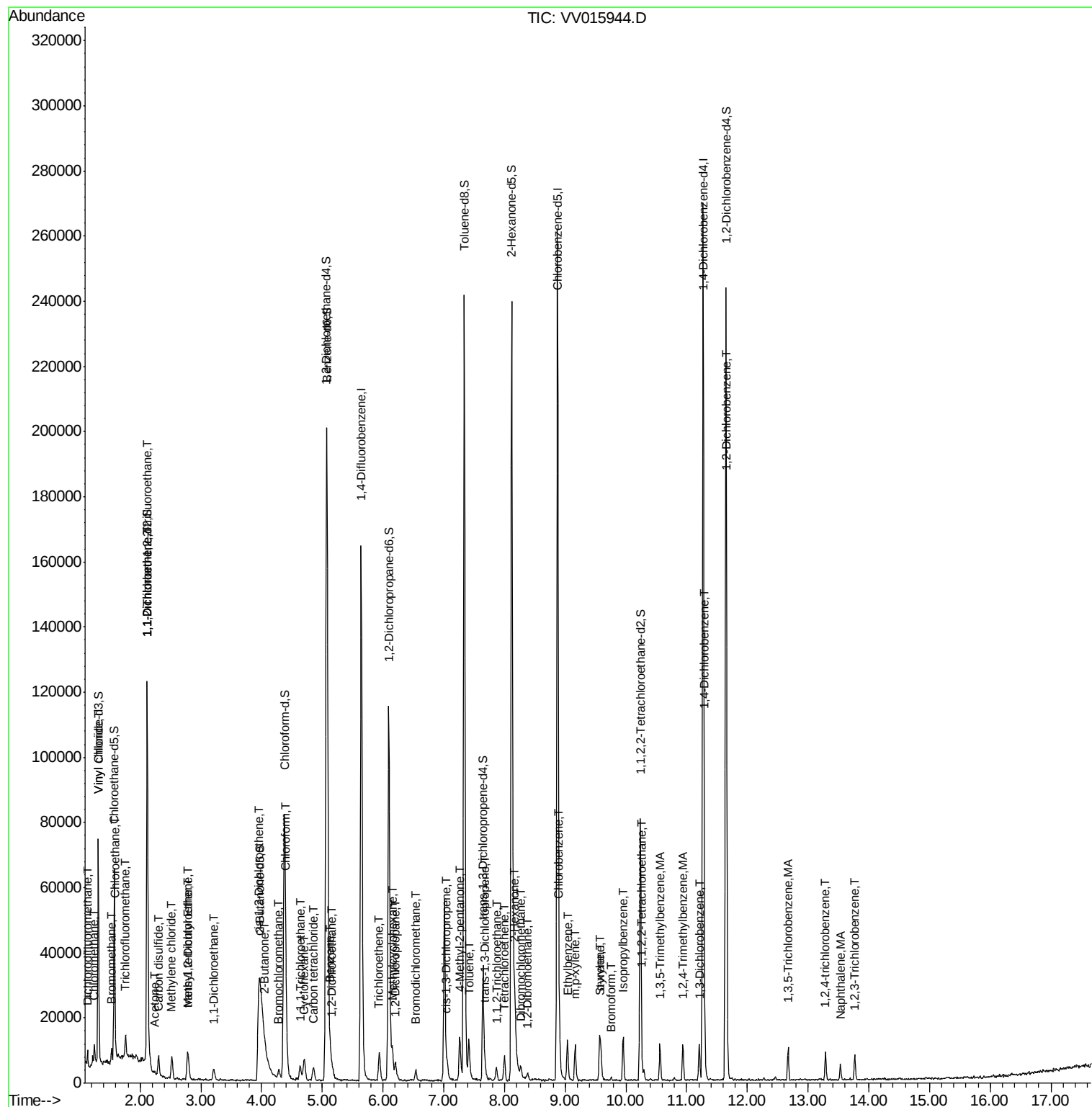
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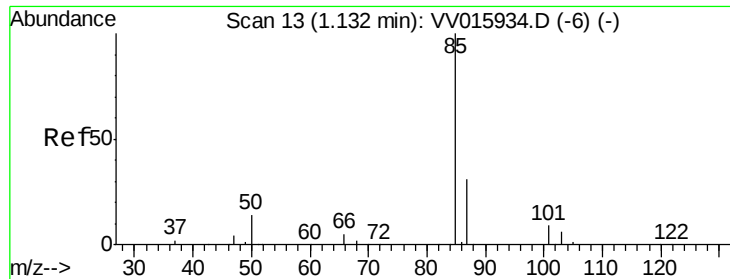
Instrument :
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ClientSampleID :
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#2

Dichlorodifluoromethane

Concen: 0.229 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 85 Resp: 2329

Ion Ratio Lower Upper

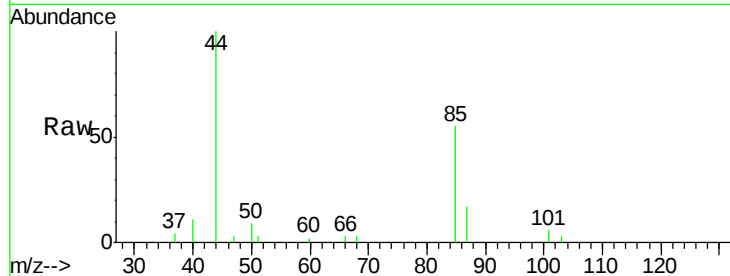
85 100

87 31.6 26.4 39.6

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Abundance Ion 85.00 (84.70 to 85.70): VV015934.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015934.D (-6) (-)

1.14

2500

2000

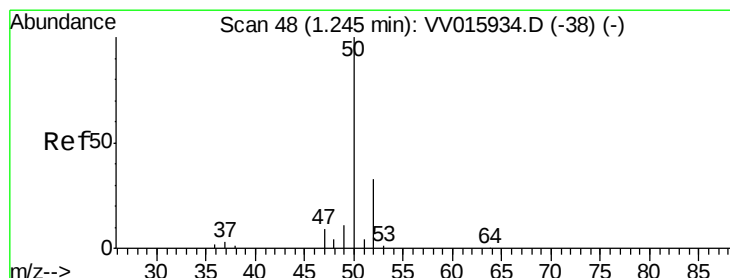
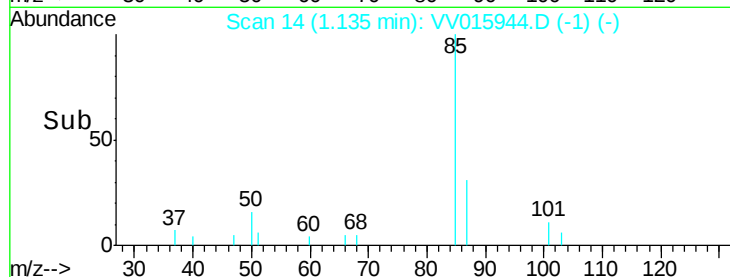
1500

1000

500

0

Time-->



#3

Chloromethane

Concen: 0.281 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015944.D

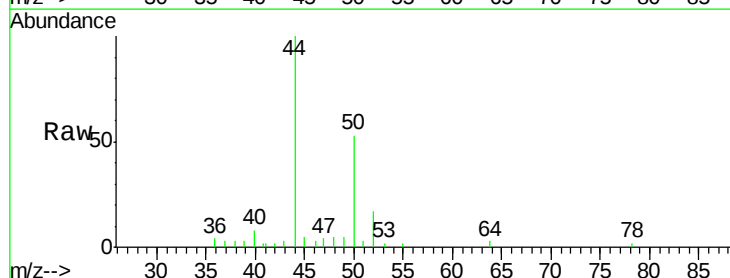
Acq: 07 May 2020 17:07

Tgt Ion: 50 Resp: 2895

Ion Ratio Lower Upper

50 100

52 31.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV015934.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV015934.D (-38) (-)

1.24

3000

2500

2000

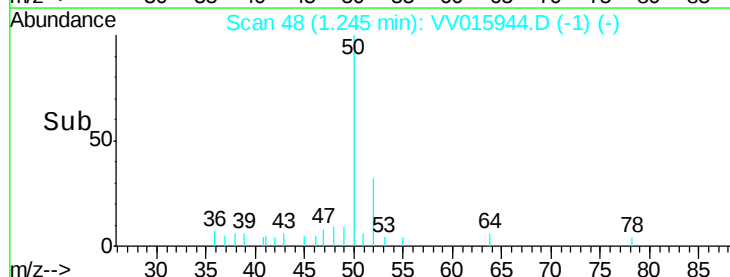
1500

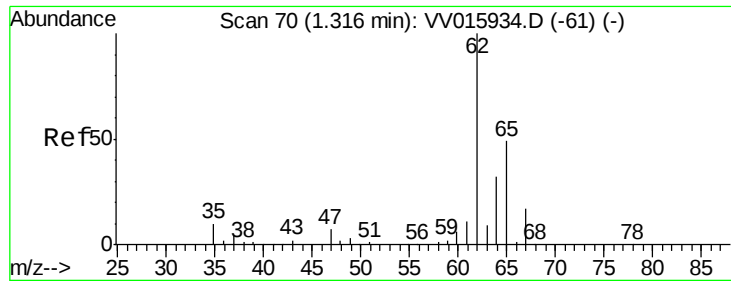
1000

500

0

Time-->





#5

Vinyl chloride

Concen: 0.240 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 62 Resp: 2370

Ion Ratio Lower Upper

62 100

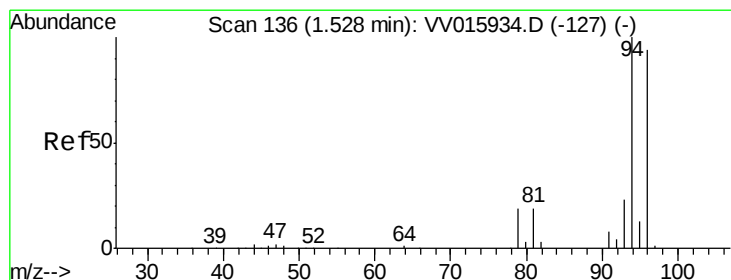
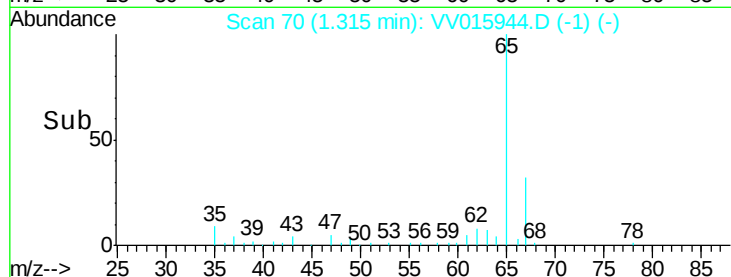
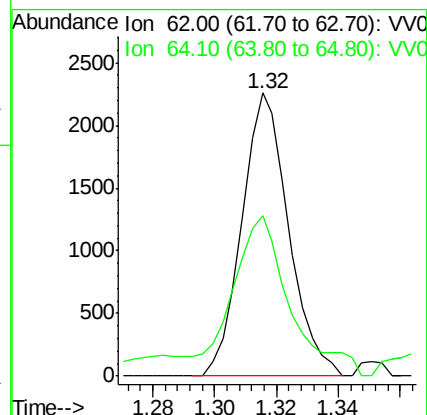
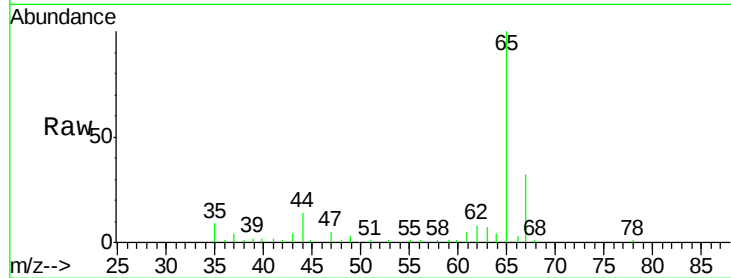
64 56.5 22.4 41.6#

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#6

Bromomethane

Concen: 0.303 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV015944.D

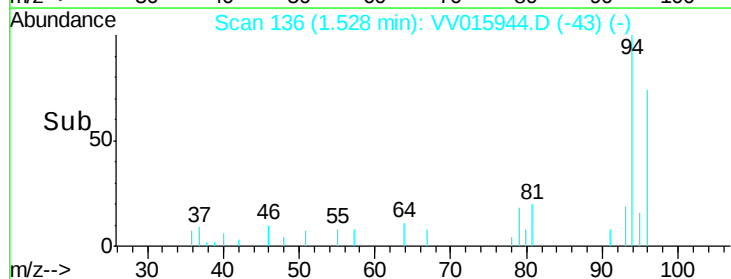
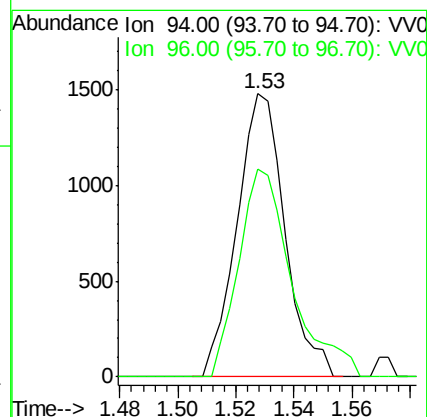
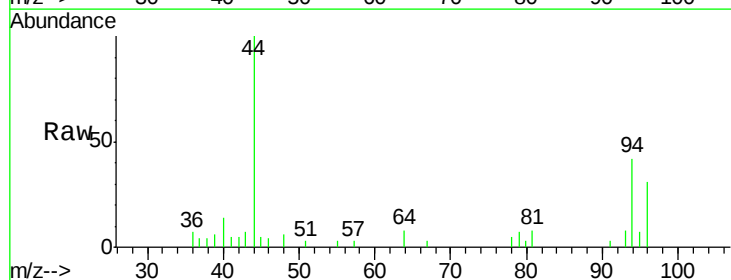
Acq: 07 May 2020 17:07

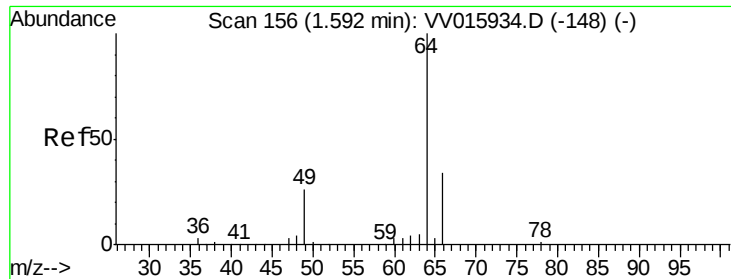
Tgt Ion: 94 Resp: 1696

Ion Ratio Lower Upper

94 100

96 73.6 65.4 121.4





#8

Chloroethane

Concen: 0.544 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 64 Resp: 3359

Ion Ratio Lower Upper

64 100

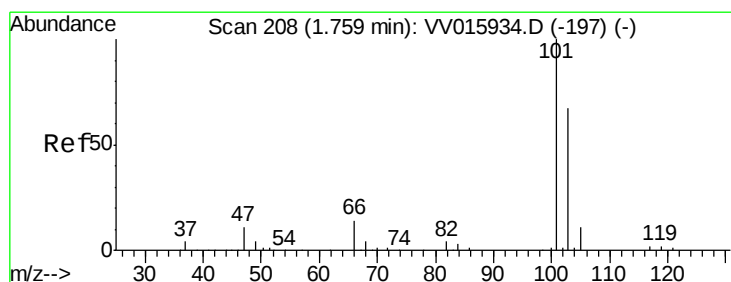
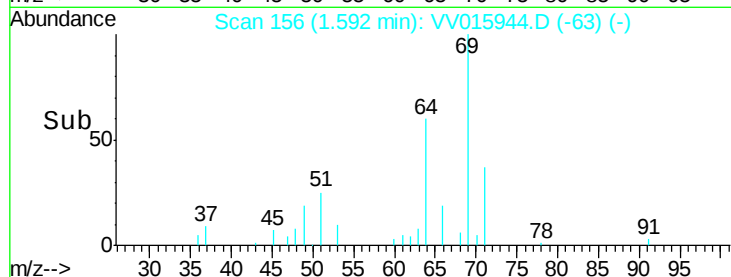
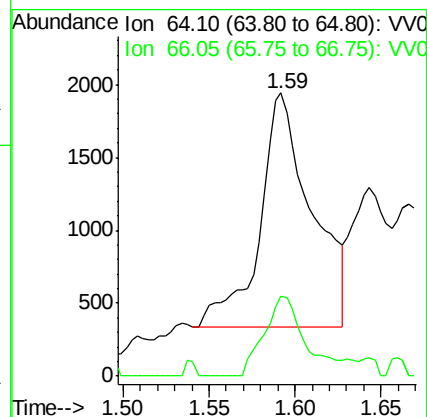
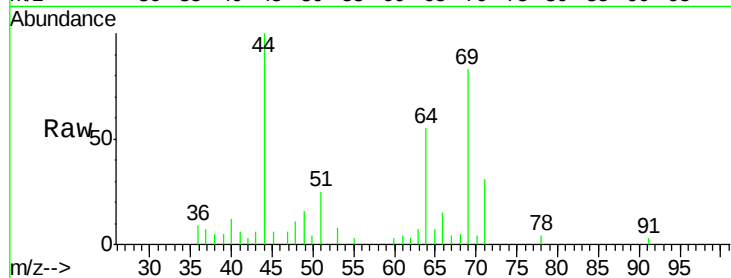
66 28.4 23.6 43.8

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#9

Trichlorofluoromethane

Concen: 0.231 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.00 min

Lab File: VV015944.D

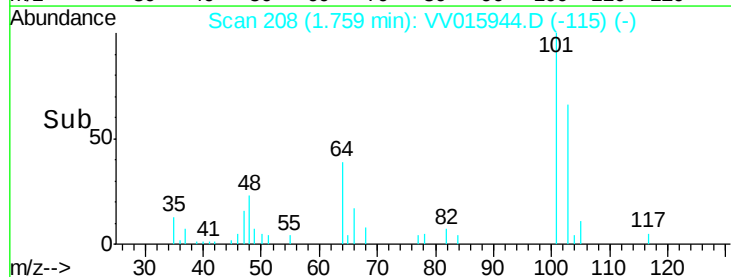
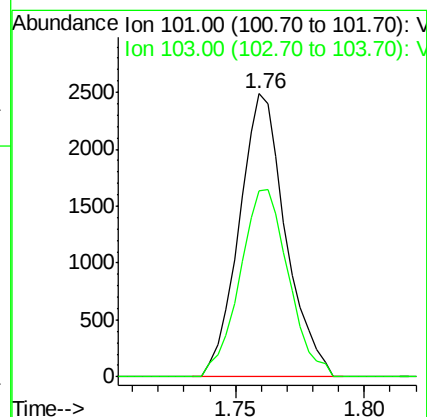
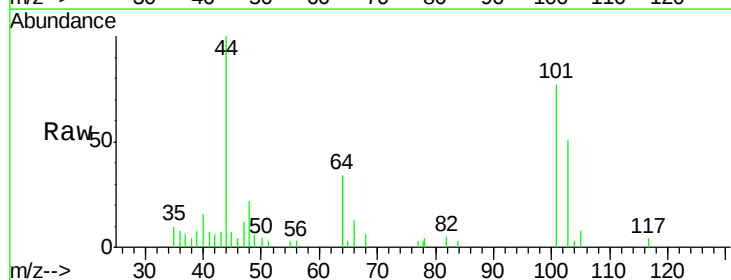
Acq: 07 May 2020 17:07

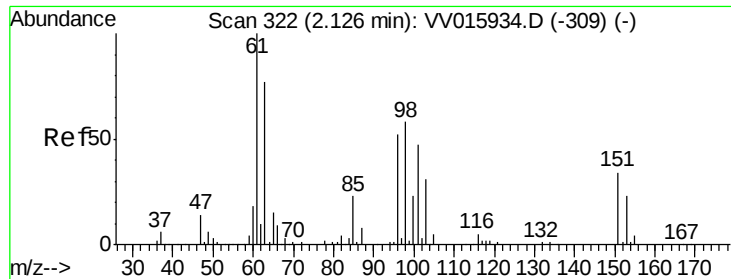
Tgt Ion: 101 Resp: 3130

Ion Ratio Lower Upper

101 100

103 69.0 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.290 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

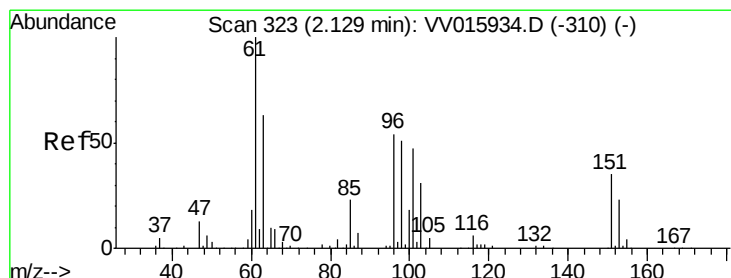
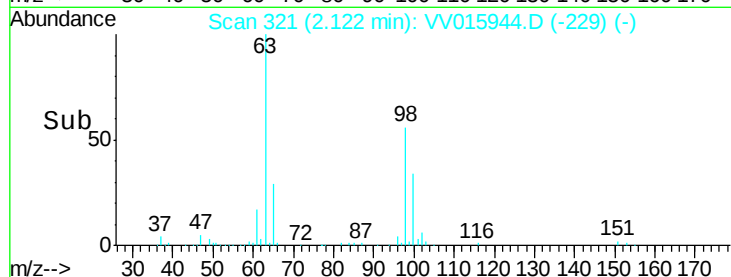
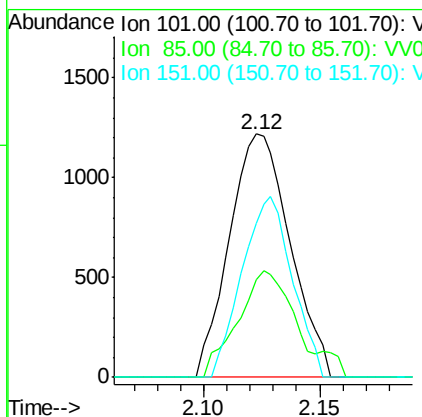
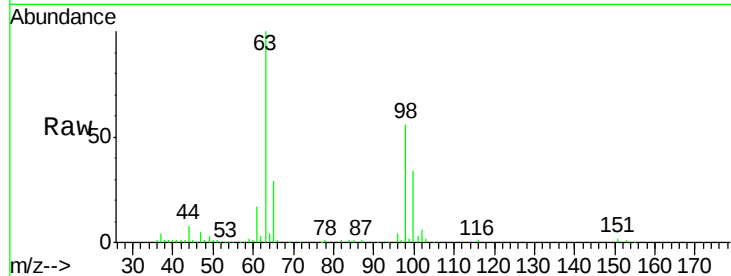
ClientSampled :

MDL06

Tot Ion:	101	Resp:	2214
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.7	53.5
151	61.5	58.0	87.0

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#12

1,1-Dichloroethene

Concen: 0.333 ug/L

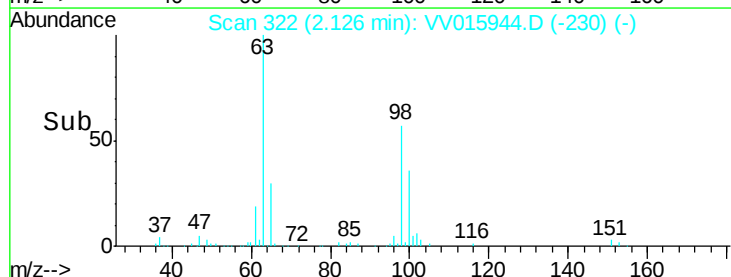
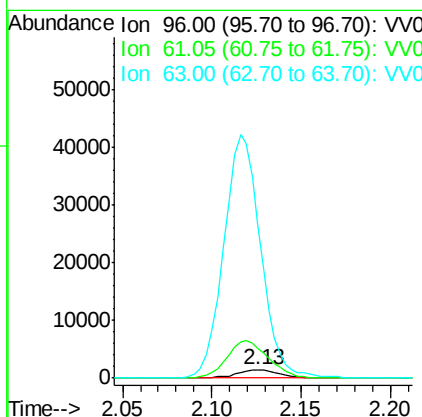
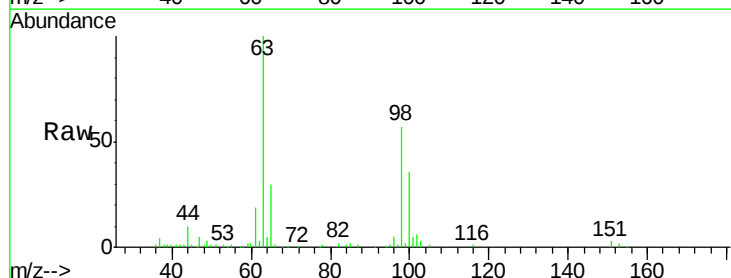
RT: 2.13 min Scan# 322

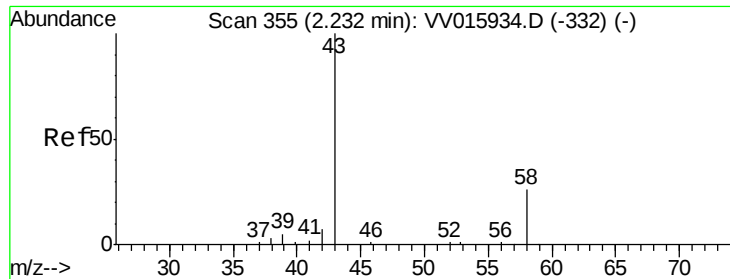
Delta R.T. -0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Tgt Ion:	96	Resp:	2433
Ion Ratio	Lower	Upper	
96	100		
61	360.4	139.9	259.7#
63	1869.8	106.4	197.6#





#13

Acetone

Concen: 2.241 ug/L m

RT: 2.25 min Scan# 360

Delta R.T. 0.02 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 43 Resp: 3025

Ion Ratio Lower Upper

43 100

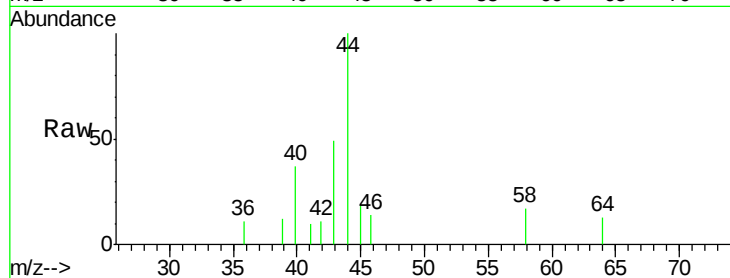
58 3.2 0.0 30.8

Manual Integrations

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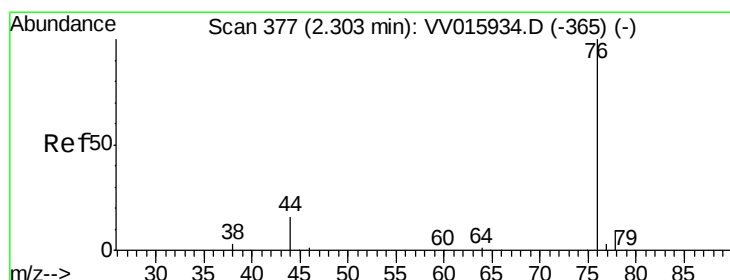
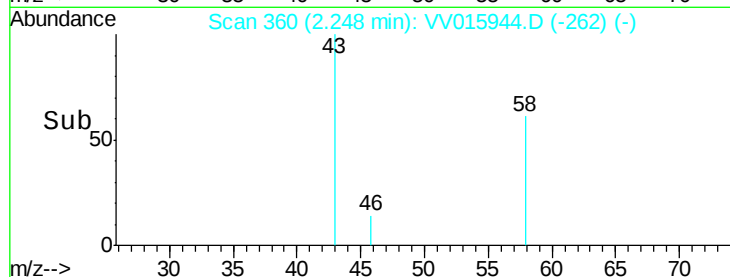
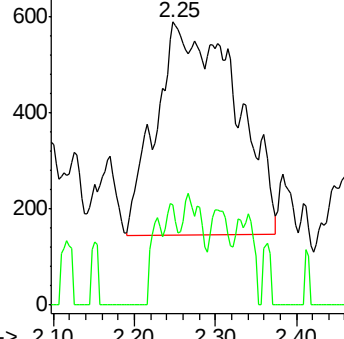
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.237 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VV015944.D

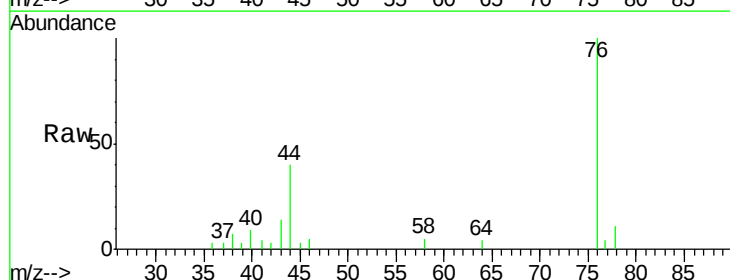
Acq: 07 May 2020 17:07

Tgt Ion: 76 Resp: 5730

Ion Ratio Lower Upper

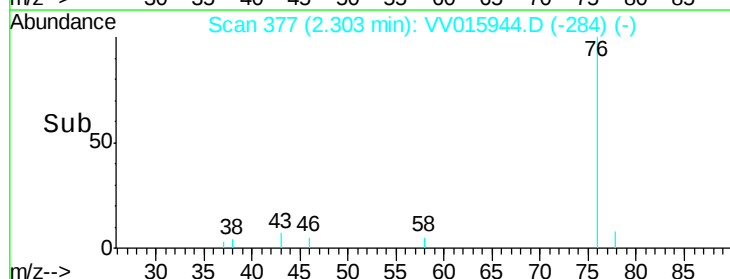
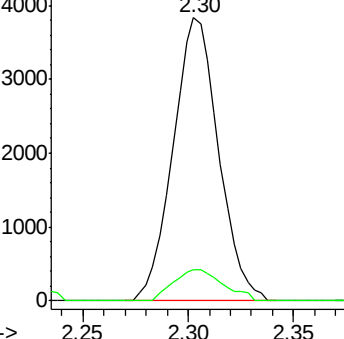
76 100

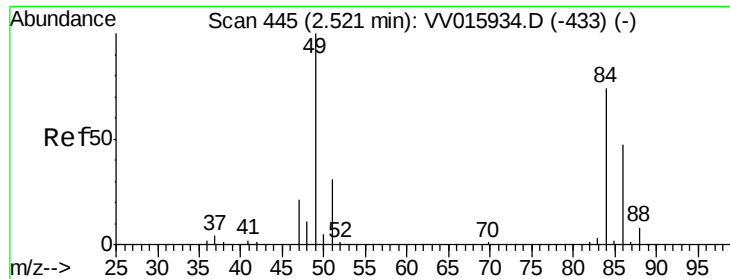
78 11.1 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





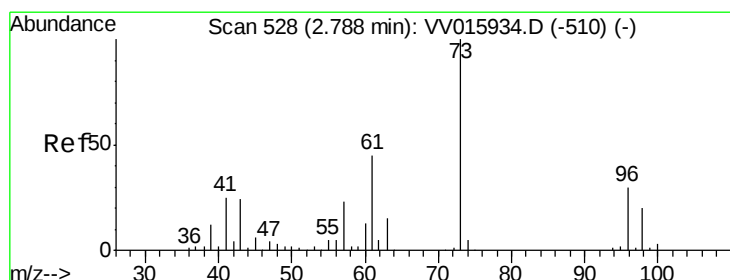
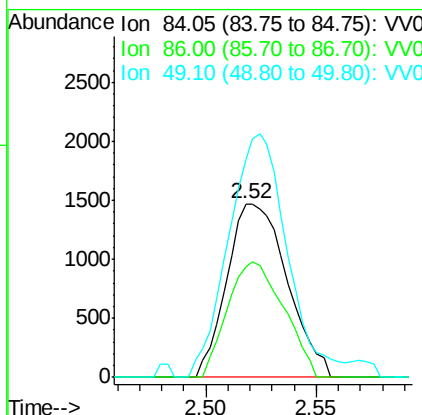
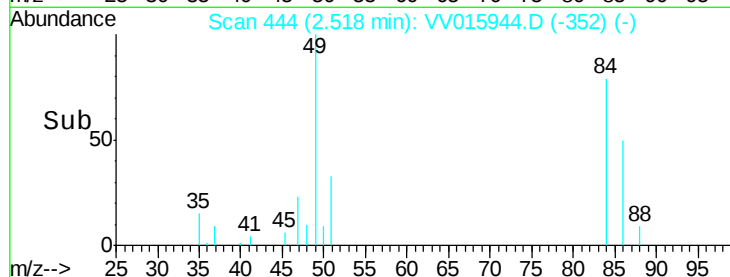
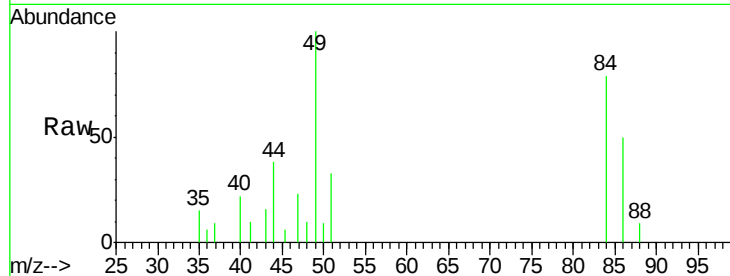
#16
Methvlene chloride
Concen: 0.318 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion: 84 Resp: 2782
Ion Ratio Lower Upper
84 100
86 63.5 45.6 84.8
49 125.8 93.6 173.8

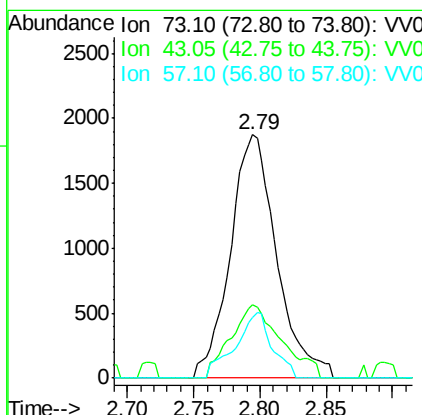
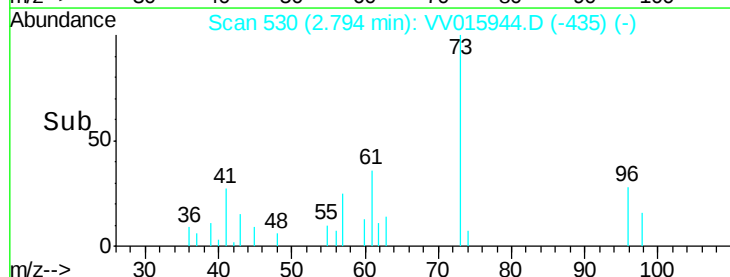
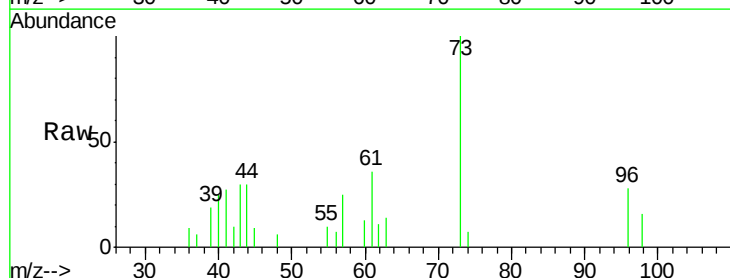
Manual Integrations
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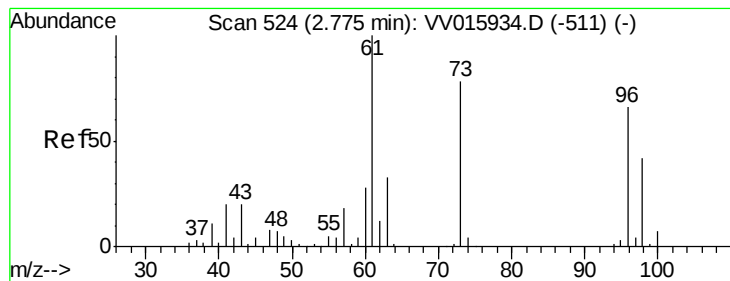
apatel
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#17
Methyl tert-butyl Ether
Concen: 0.240 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion: 73 Resp: 4556
Ion Ratio Lower Upper
73 100
43 33.0 18.8 28.2#
57 21.5 17.8 26.6





#18

trans-1,2-Dichloroethene

Concen: 0.234 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

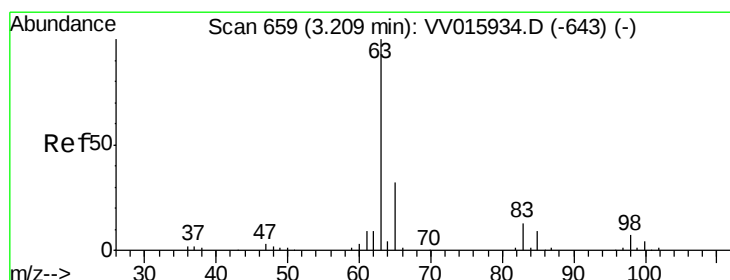
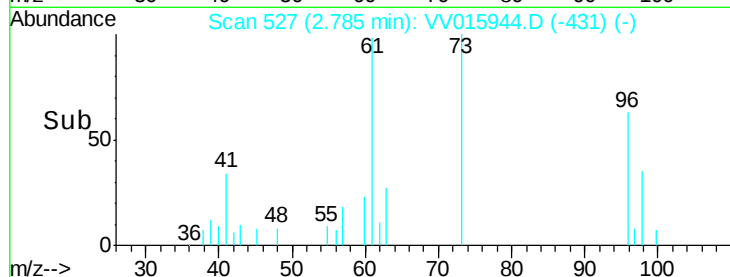
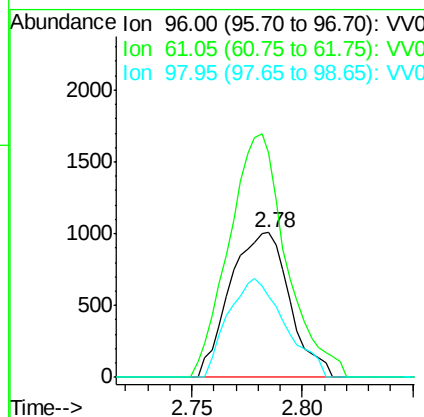
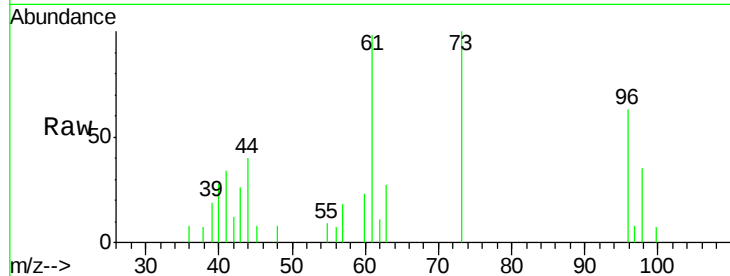
ClientSampled :

MDL06

Tot Ion:	96	Resp:	1892
Ion	Ratio	Lower	Upper
96	100		
61	155.0	105.3	195.5
98	55.8	44.0	81.6

Manual Integrations
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#19

1,1-Dichloroethane

Concen: 0.249 ug/L

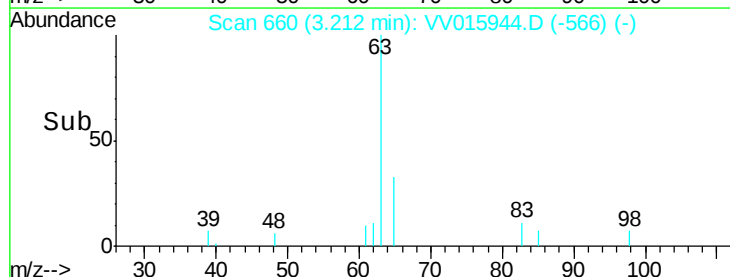
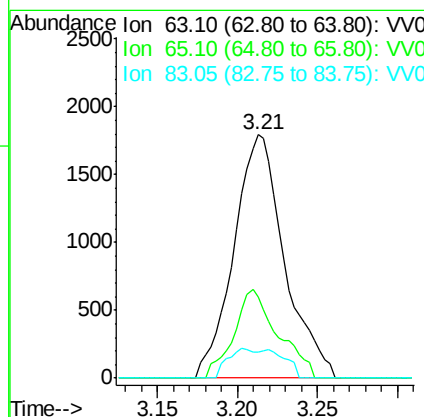
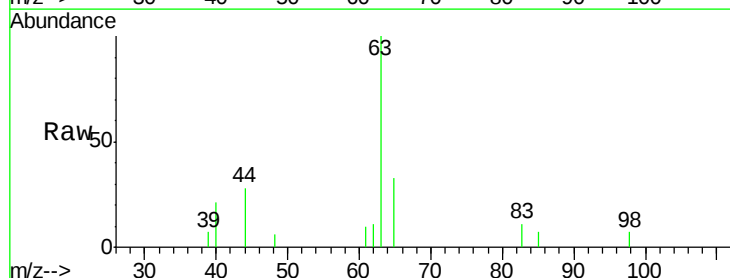
RT: 3.21 min Scan# 660

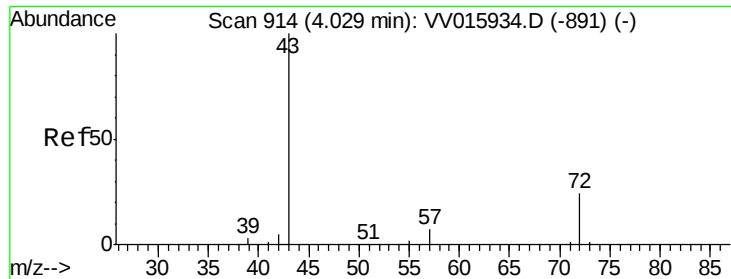
Delta R.T. 0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Tgt Ion:	63	Resp:	3874
Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.0	41.0
83	10.8	9.8	18.2





#21

2-Butanone

Concen: 2.024 ug/L m

RT: 4.06 min Scan# 924

Delta R.T. 0.03 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 43 Resp: 4166

Ion Ratio Lower Upper

43 100

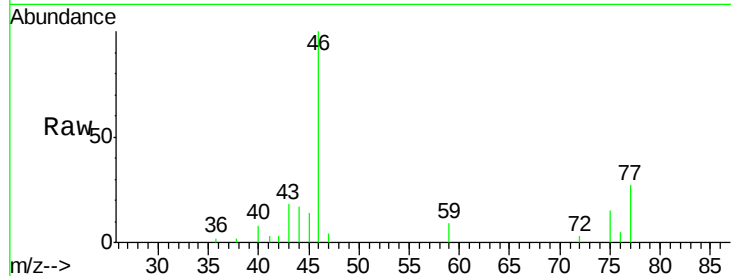
72 2.8 10.5 31.5#

Manual Integrations

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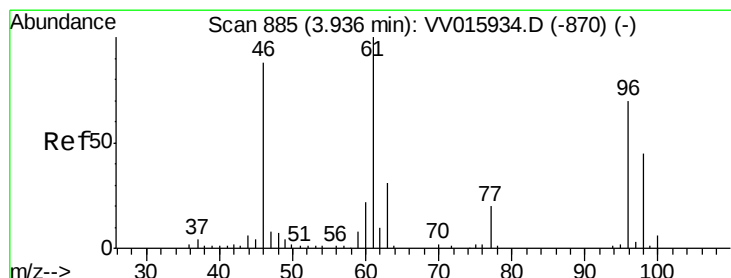
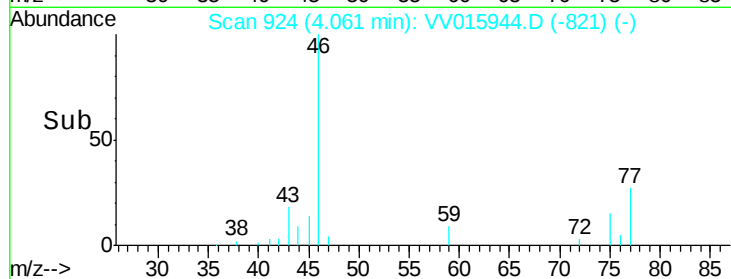
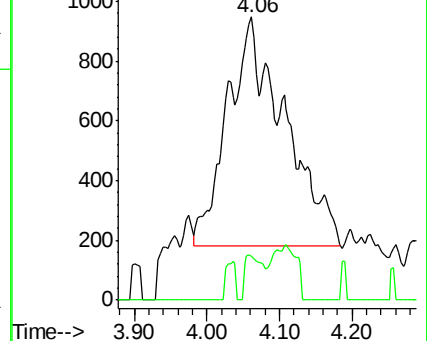
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.219 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

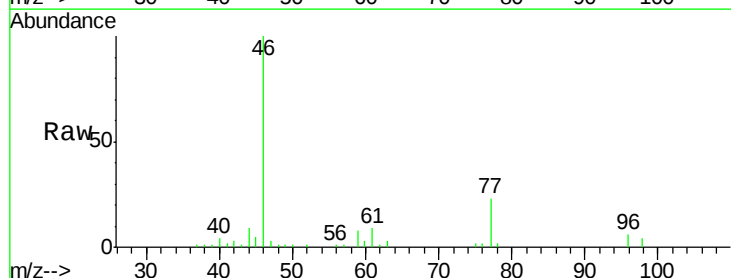
Tgt Ion: 96 Resp: 1851

Ion Ratio Lower Upper

96 100

61 139.9 97.2 180.6

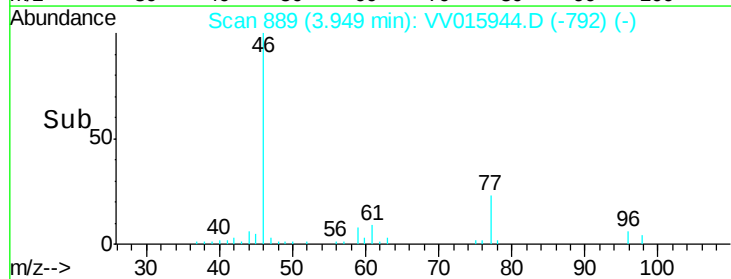
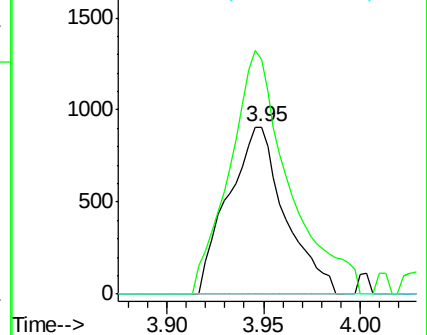
68 0.0 0.0 0.0

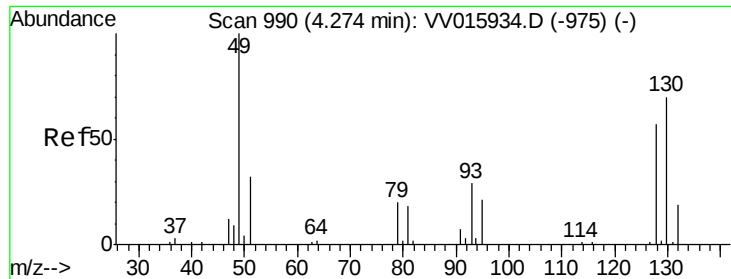


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





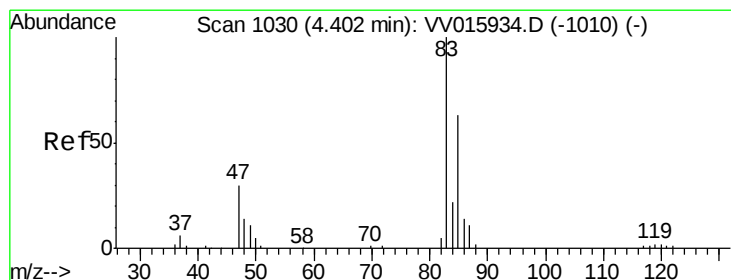
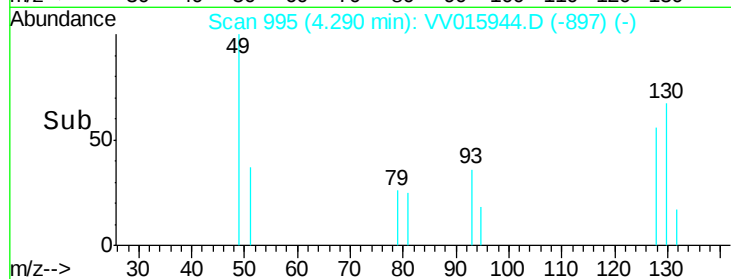
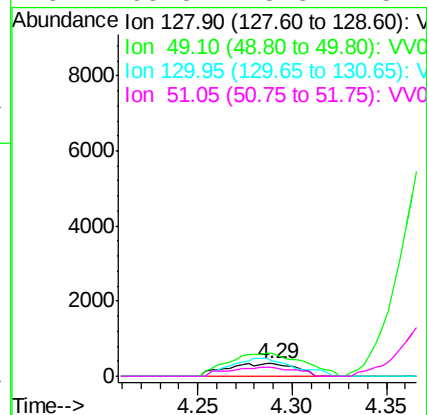
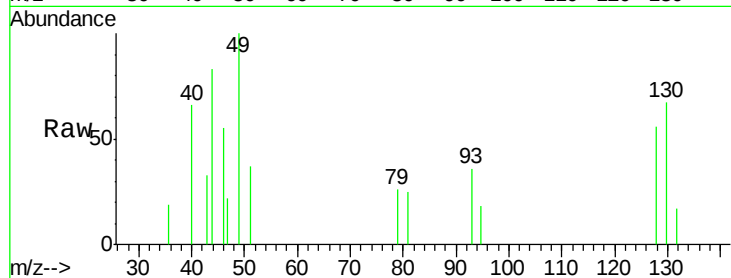
#23
Bromochloromethane
Concen: 0.237 ug/L m
RT: 4.29 min Scan# 995
Delta R.T. 0.02 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tot Ion:	128	Resp:	856
Ion	Ratio	Lower	Upper
128	100		
49	178.8	131.3	243.8
130	120.6	91.8	170.4
51	65.8	48.8	73.2

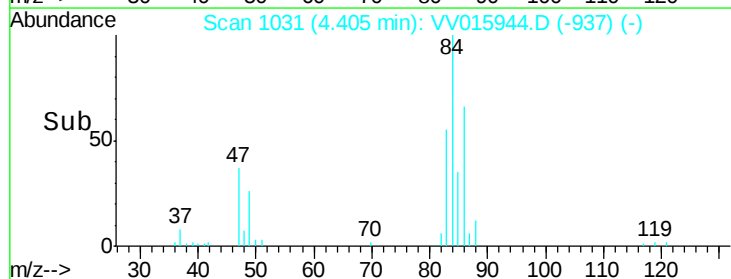
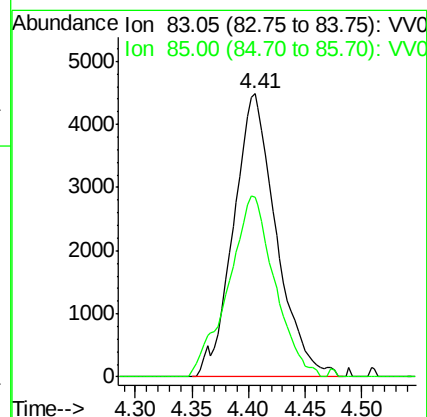
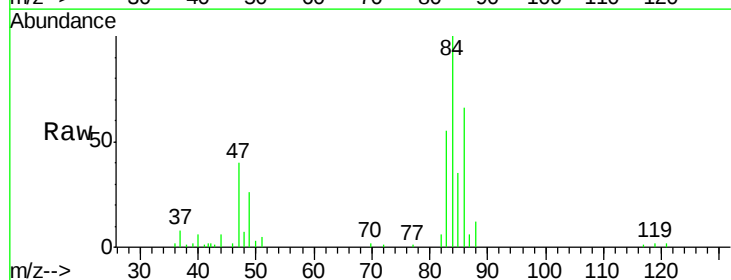
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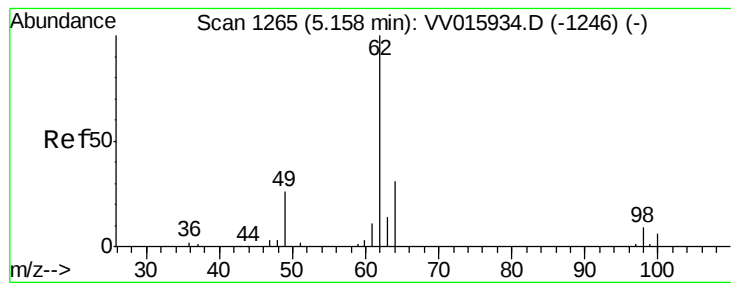
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#25
Chloroform
Concen: 0.690 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion:	83	Resp:	11830
Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.7	84.9





#27

1,2-Dichloroethane

Concen: 0.258 ug/L

RT: 5.16 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 62 Resp: 2720

Ion Ratio Lower Upper

62 100

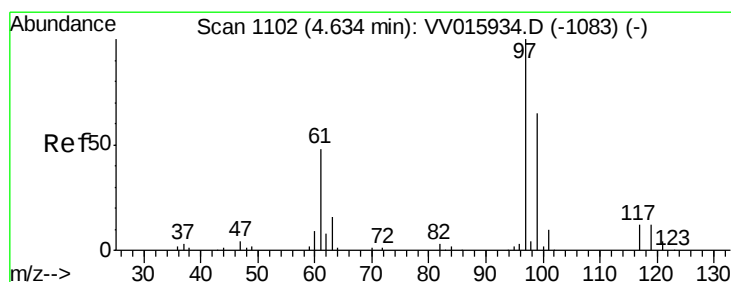
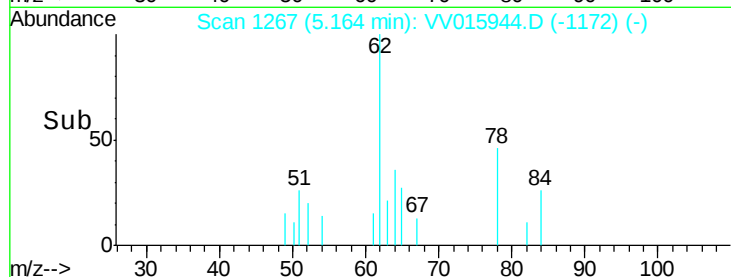
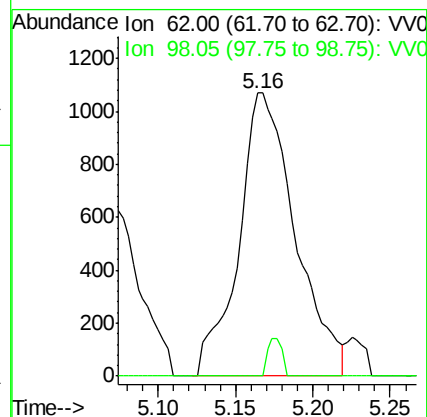
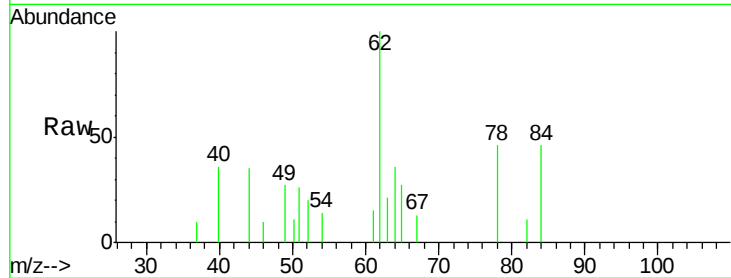
98 0.0 6.7 10.1#

Manual Integrations

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#29

1,1,1-Trichloroethane

Concen: 0.216 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

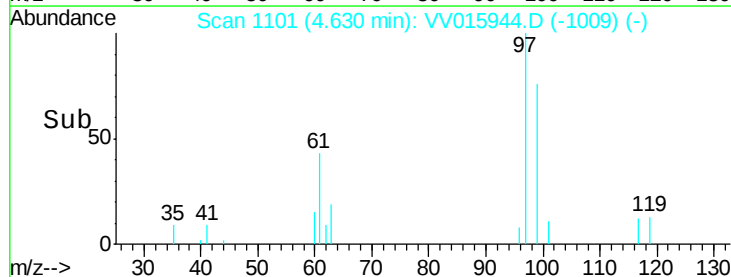
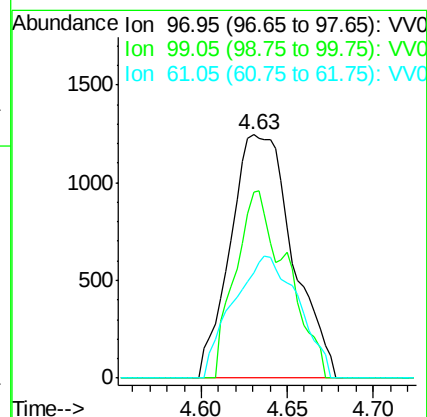
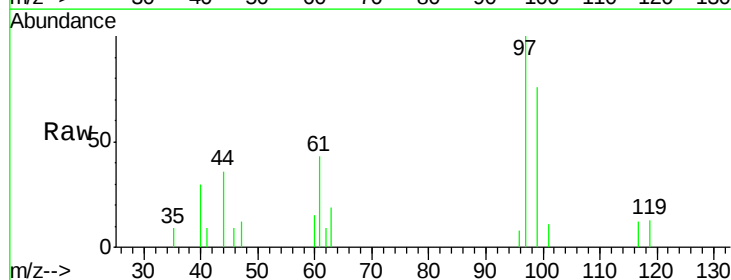
Tgt Ion: 97 Resp: 3134

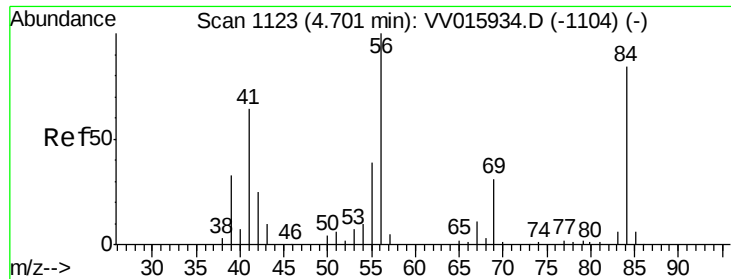
Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 52.7 38.8 58.2





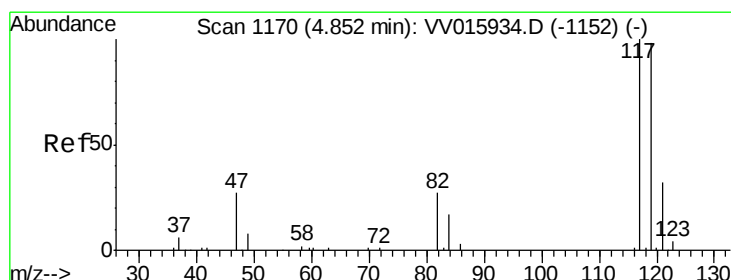
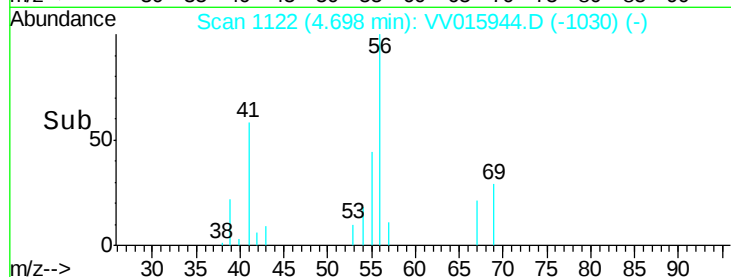
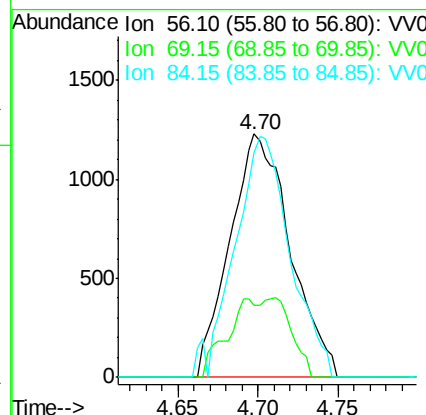
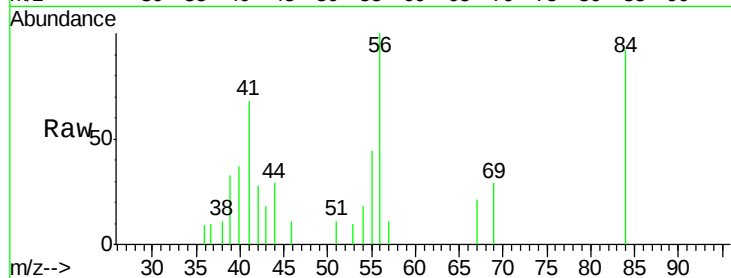
#30
Cyclohexane
Concen: 0.219 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion	56	Resp	3176
Ion Ratio	Lower	Upper	
56	100		
69	15.6	24.2	36.2#
84	88.8	68.3	102.5

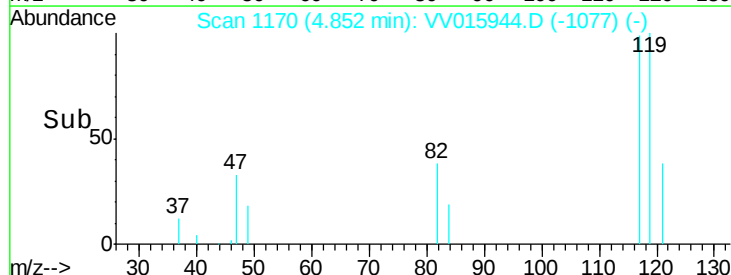
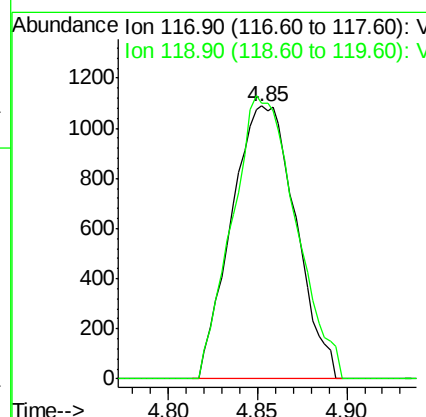
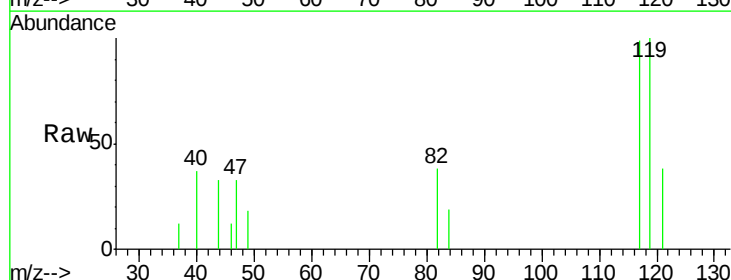
Manual Integrations
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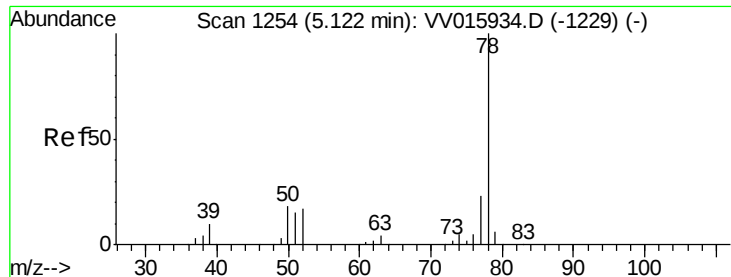
apatel
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#31
Carbon tetrachloride
Concen: 0.218 ug/L
RT: 4.85 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion	117	Resp	2728
Ion Ratio	Lower	Upper	
117	100		
119	102.8	77.3	115.9





#33

Benzene

Concen: 0.236 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

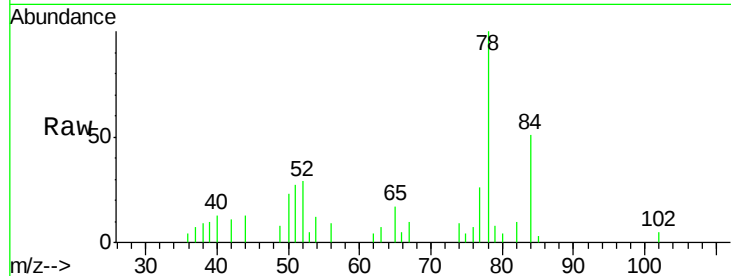
ClientSampled :

MDL06

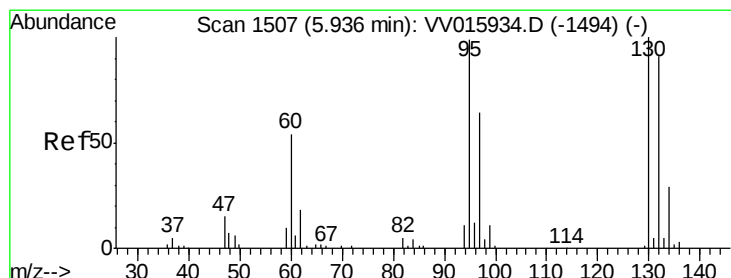
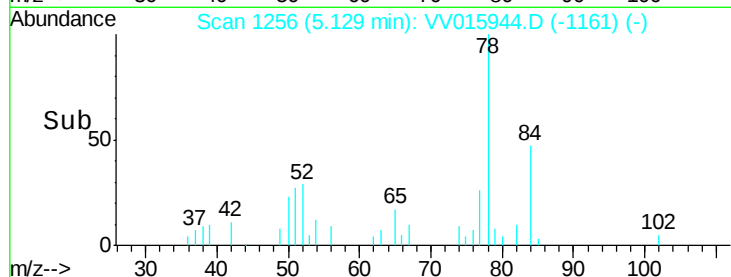
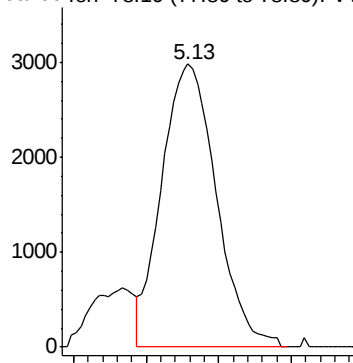
Tgt Ion: 78 Resp: 7809

Manual Integrations
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Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.223 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Tgt Ion: 95 Resp: 2111

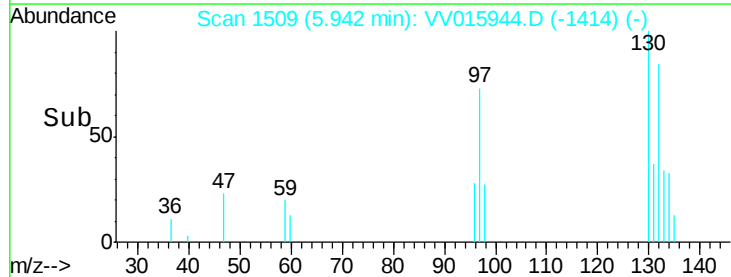
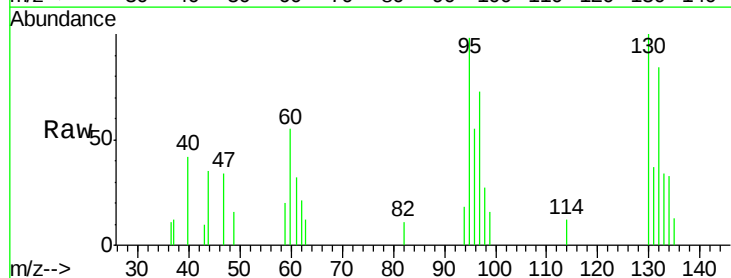
Ion	Ratio	Lower	Upper
95	100		
97	74.4	43.3	80.5
132	86.3	60.3	112.1
130	102.3	66.0	122.6

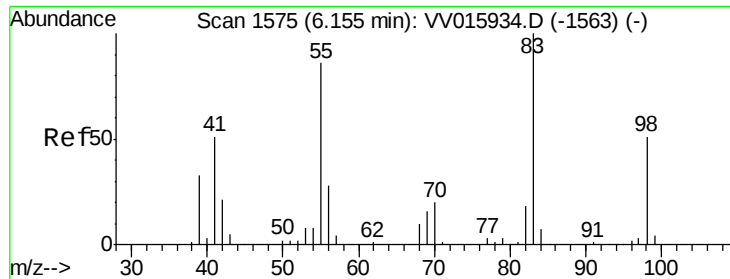
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





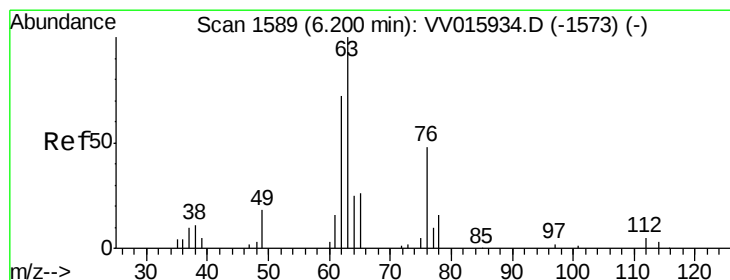
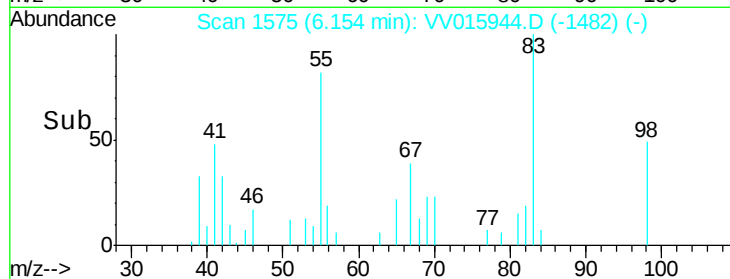
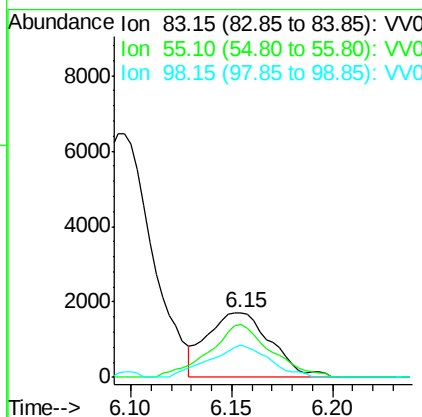
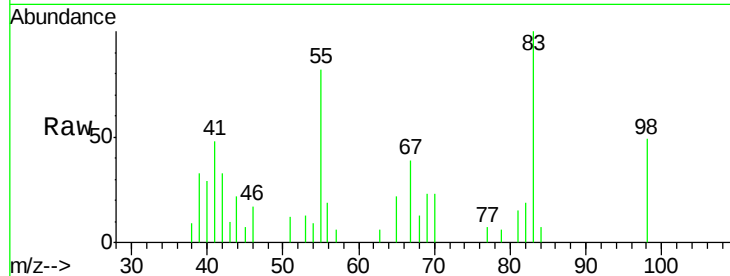
#35
Methvlcvclohexane
Concen: 0.264 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion	83	Resp	3778
Ion Ratio	100	Lower	Upper
83	100	66.2	99.2
55	78.1	37.9	56.9
98	46.2		

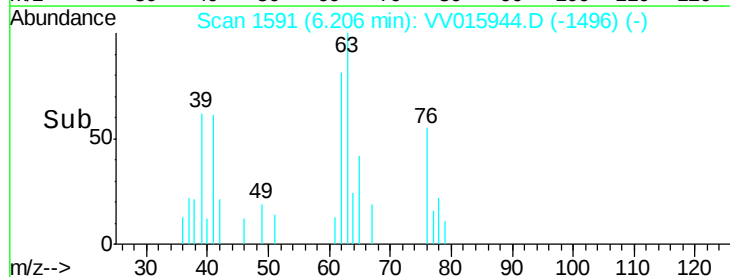
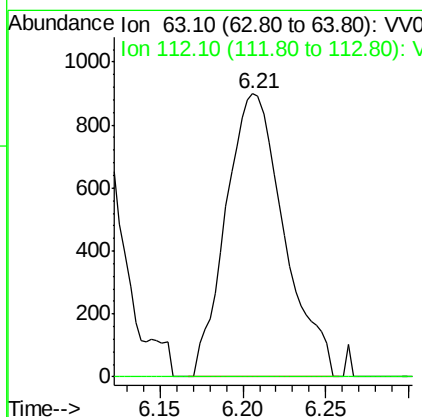
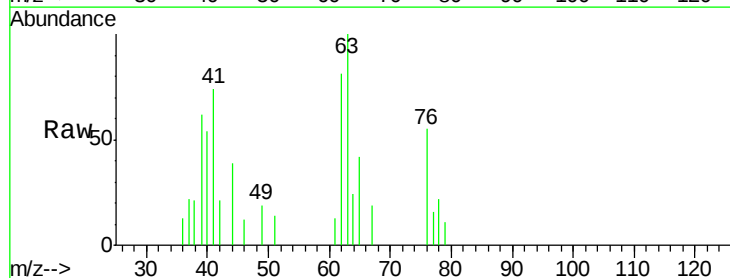
Manual Integrations
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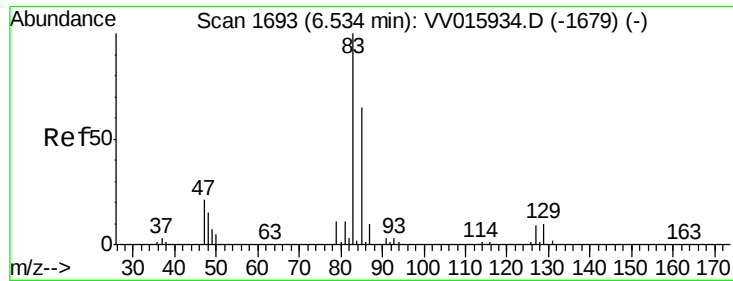
apatel
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#37
1,2-Dichloropropane
Concen: 0.261 ug/L
RT: 6.21 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion	63	Resp	2196
Ion Ratio	100	Lower	Upper
63	100	3.4	5.0#
112	0.0		





#38

Bromodichloromethane

Concen: 0.232 ug/L

RT: 6.54 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

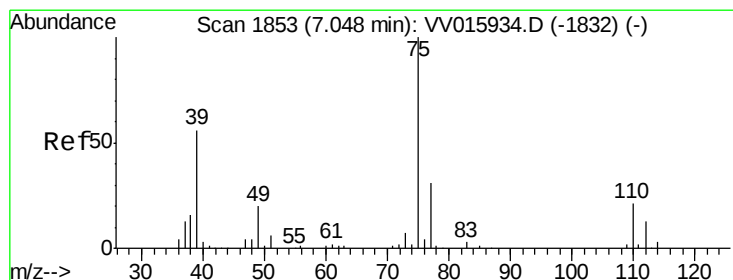
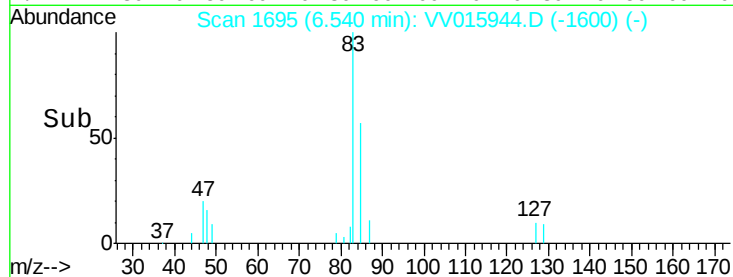
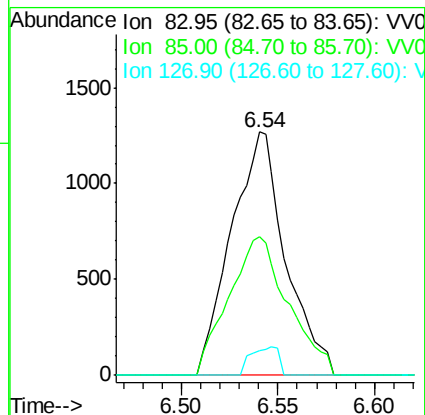
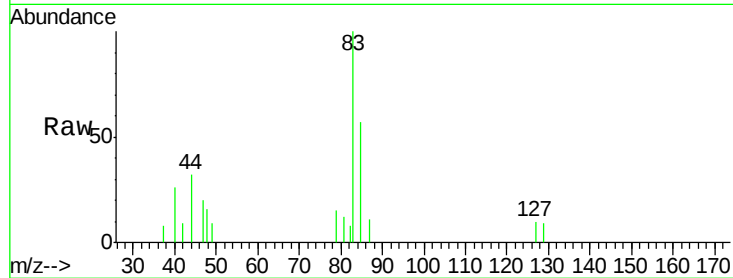
ClientSampled :

MDL06

Tot Ion:	83	Resp:	2476
Ion	Ratio	Lower	Upper
83	100		
85	57.1	45.5	84.5
127	9.9	6.2	9.4#

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#39

cis-1,3-Dichloropropene

Concen: 0.220 ug/L

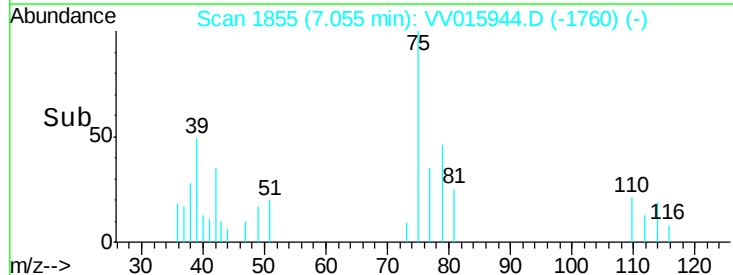
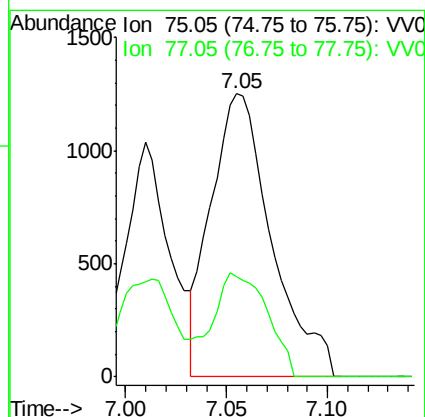
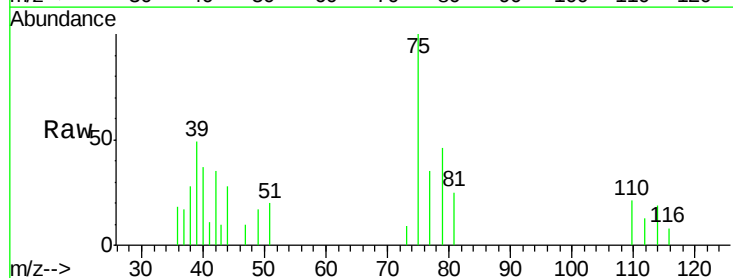
RT: 7.05 min Scan# 1855

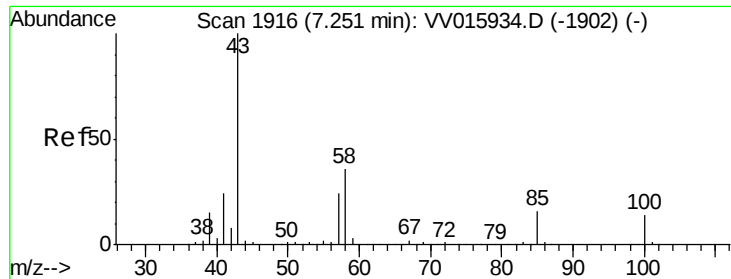
Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Tgt Ion:	75	Resp:	2615
Ion	Ratio	Lower	Upper
75	100		
77	35.5	21.3	39.5





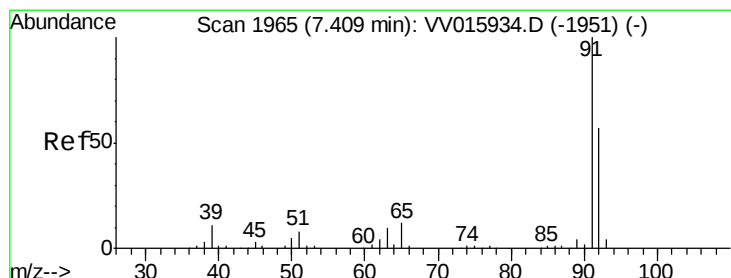
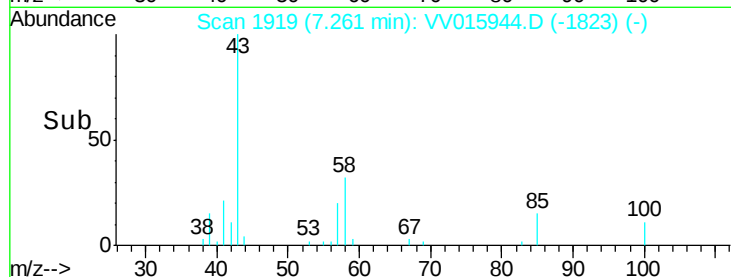
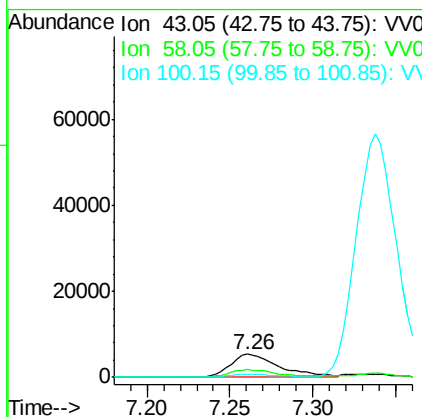
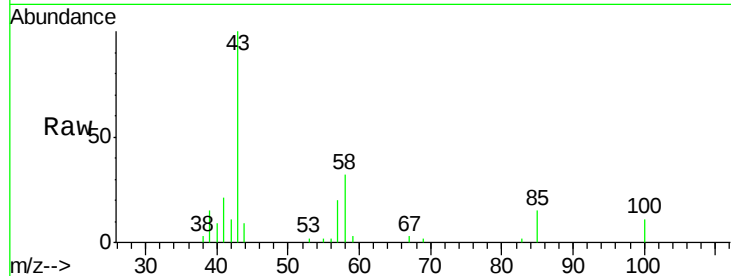
#40
4-Methyl-2-pentanone
Concen: 2.115 ug/L
RT: 7.26 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.0	29.0	43.4
100	0.0	10.9	16.3#

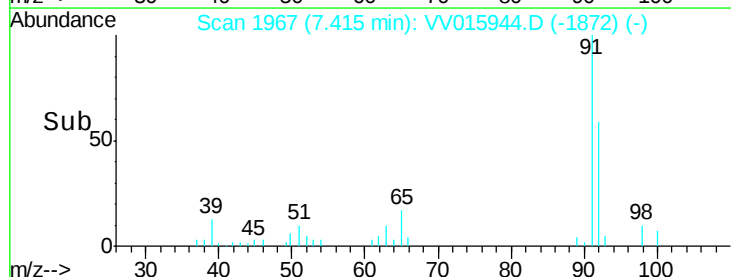
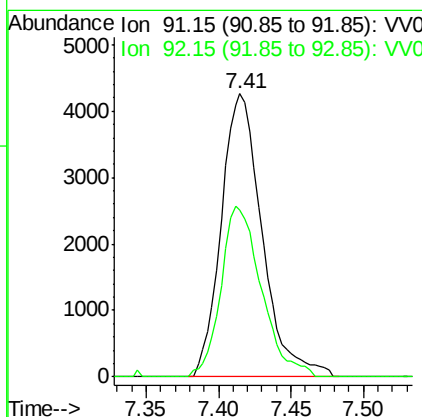
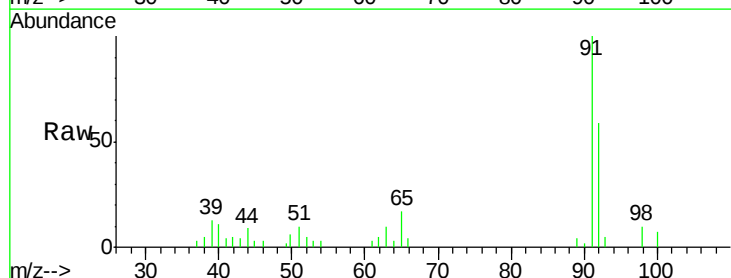
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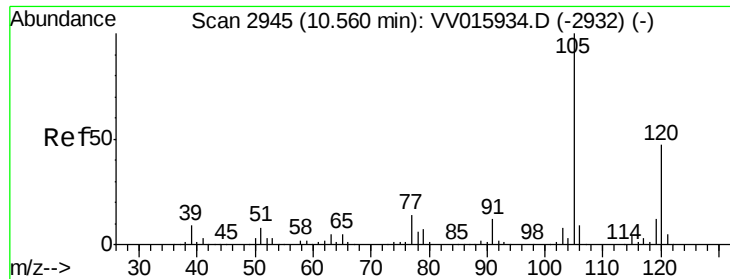
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#42
Toluene
Concen: 0.238 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.1	74.5





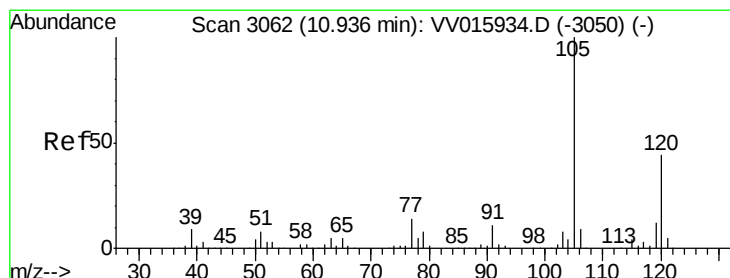
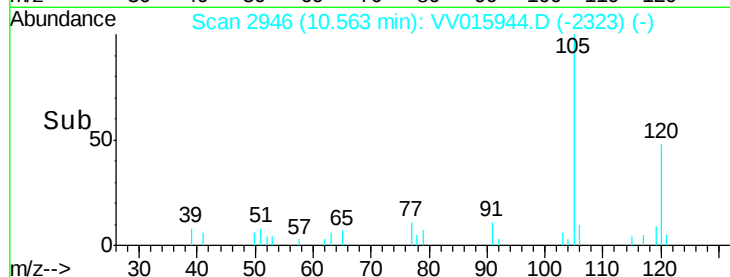
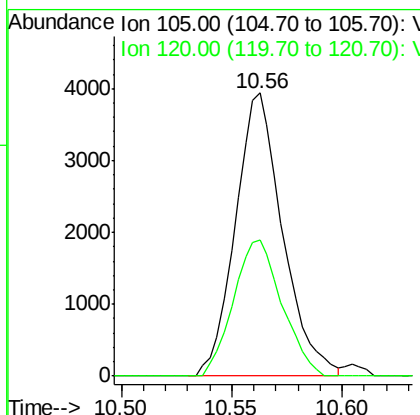
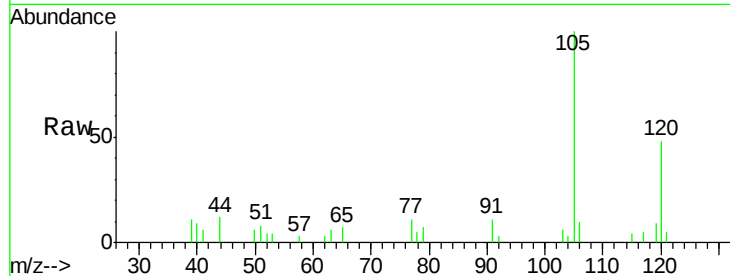
#43
 1,3,5-Trimethylbenzene
 Concen: 0.182 ug/L
 RT: 10.56 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: VV015944.D
 Acq: 07 May 2020 17:07

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tot Ion:105 Resp: 5858
 Ion Ratio Lower Upper
 105 100
 120 49.2 0.0 0.0#

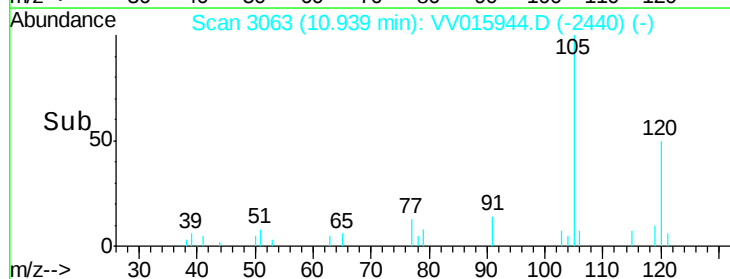
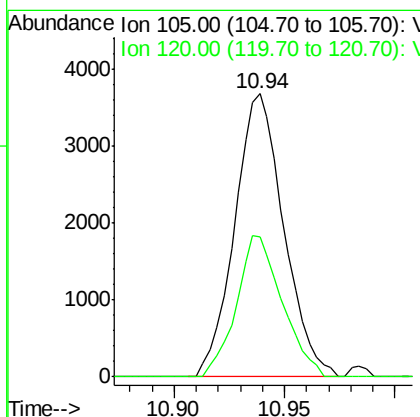
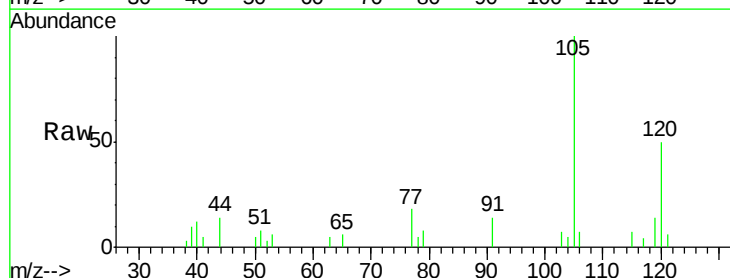
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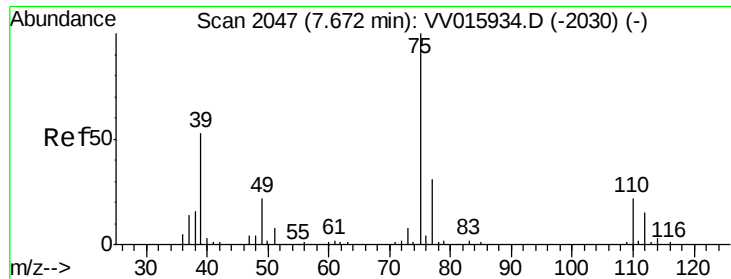
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#44
 1,2,4-Trimethylbenzene
 Concen: 0.177 ug/L
 RT: 10.94 min Scan# 3063
 Delta R.T. 0.00 min
 Lab File: VV015944.D
 Acq: 07 May 2020 17:07

Tgt Ion:105 Resp: 5681
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.0 0.0#





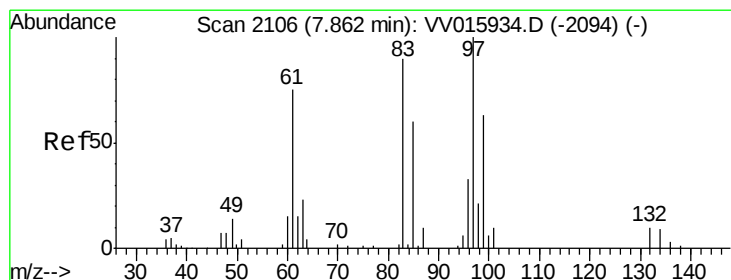
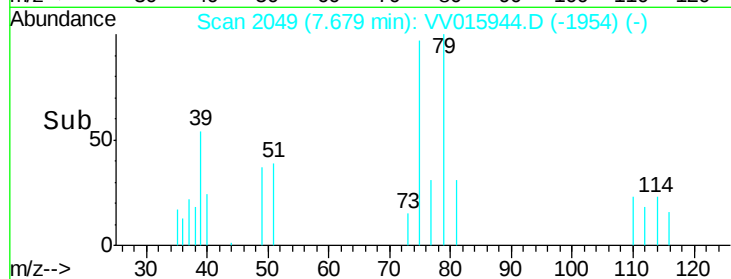
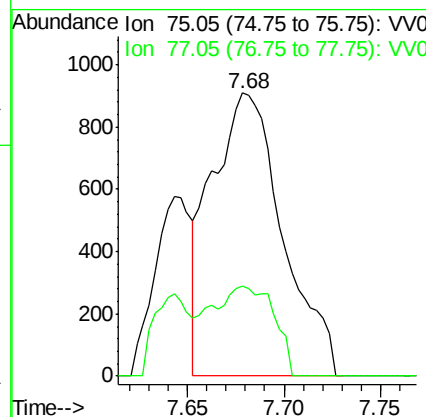
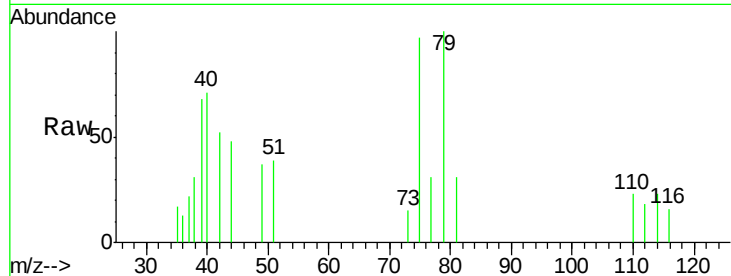
#46
trans-1,3-Dichloropropene
Concen: 0.232 ug/L
RT: 7.68 min Scan# 2049
Delta R.T. 0.01 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion: 75 Resp: 2333
Ion Ratio Lower Upper
75 100
77 31.7 21.3 39.6

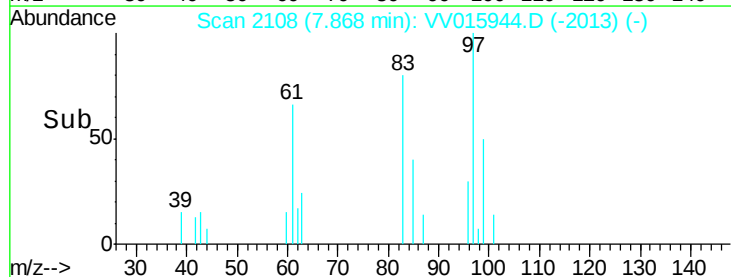
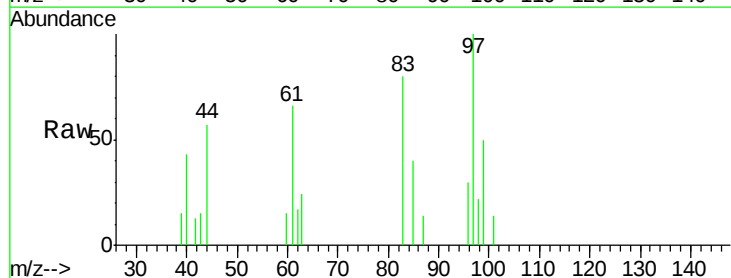
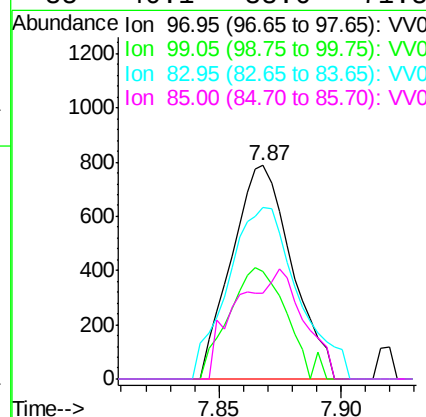
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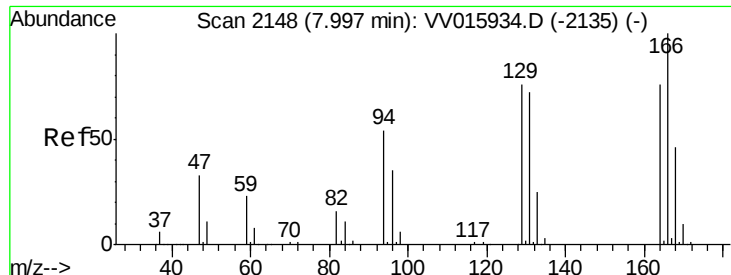
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#47
1,1,2-Trichloroethane
Concen: 0.240 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion: 97 Resp: 1349
Ion Ratio Lower Upper
97 100
99 50.3 42.1 78.1
83 80.3 59.2 110.0
85 40.1 38.6 71.8





#49

Tetrachloroethene

Concen: 0.248 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

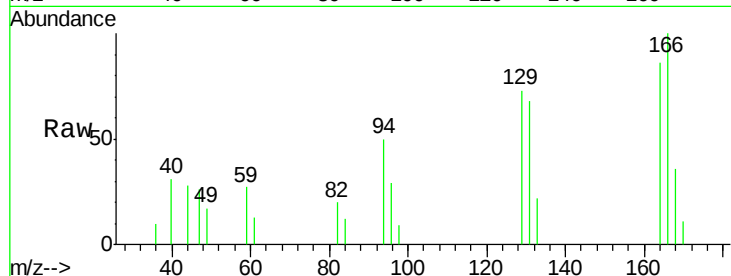
ClientSampled :

MDL06

Tot Ion:	164	Resp:	1635
Ion	Ratio	Lower	Upper
164	100		
129	85.0	69.7	129.4
131	79.5	66.8	124.2
166	116.1	89.1	165.5

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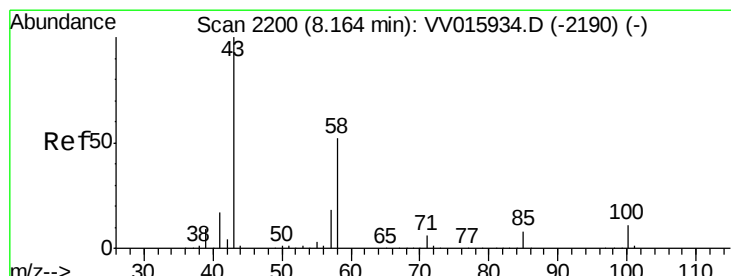
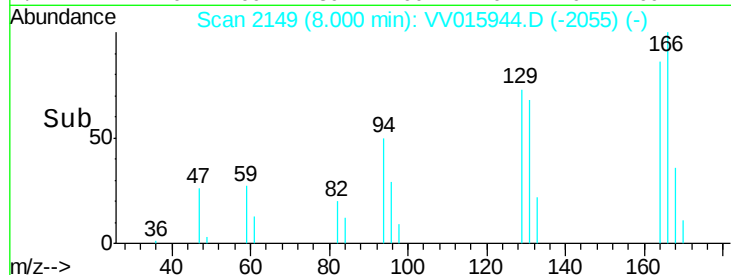
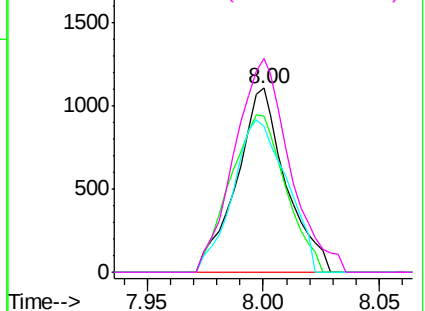


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 4.199 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

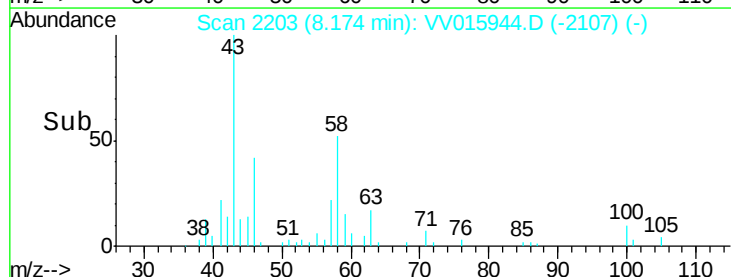
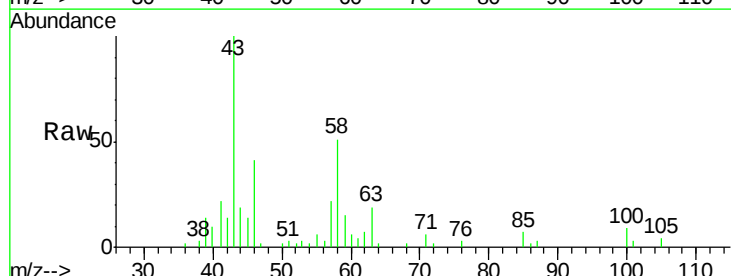
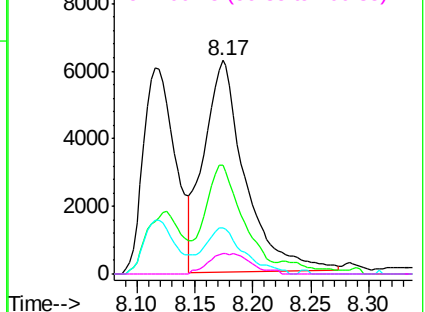
Tgt Ion:	43	Resp:	15562
Ion	Ratio	Lower	Upper
43	100		
58	39.6	40.8	61.2#
57	19.9	14.7	22.1
100	9.9	9.0	13.6

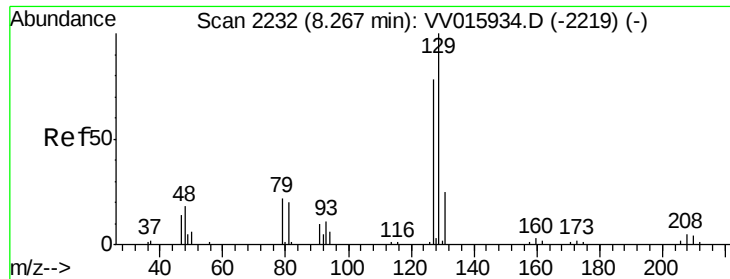
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





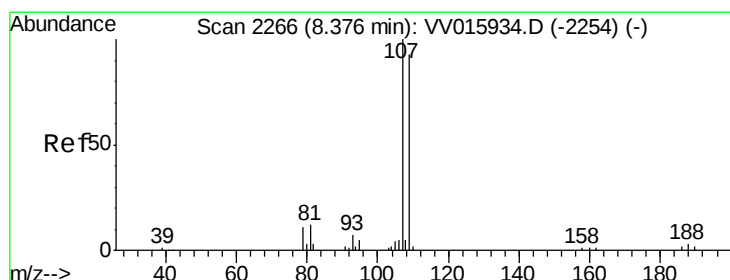
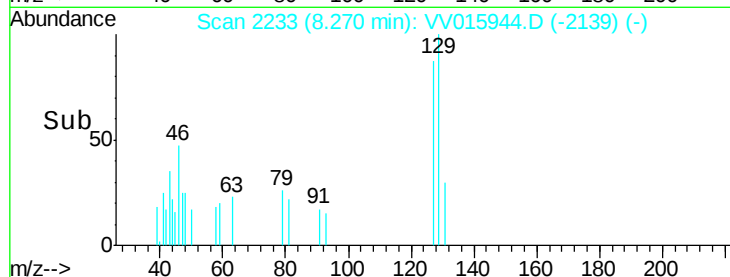
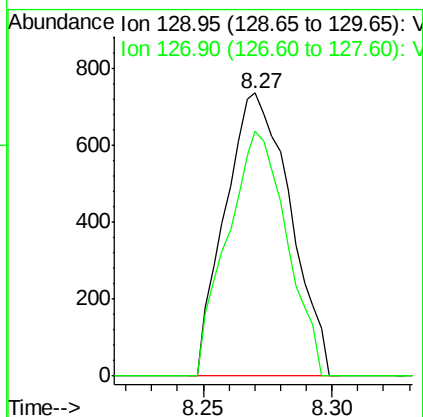
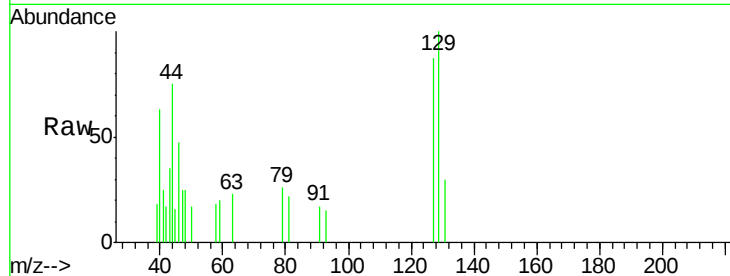
#51
Dibromochloromethane
Concen: 0.205 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
129	100		
127	86.7	56.0	104.0

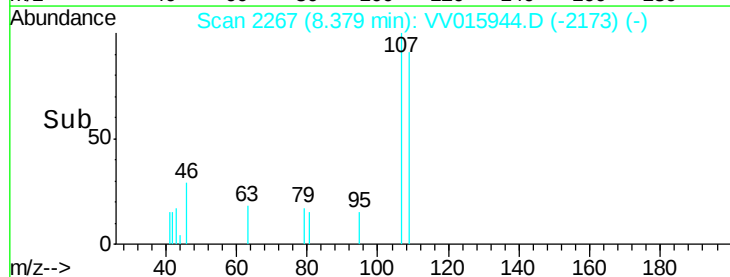
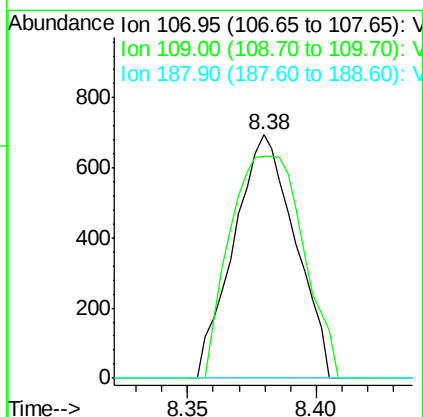
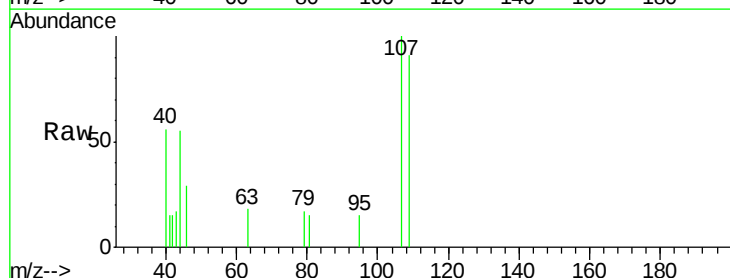
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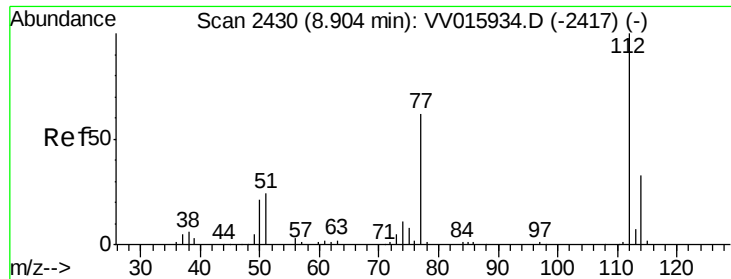
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#52
1,2-Dibromoethane
Concen: 0.221 ug/L
RT: 8.38 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.4	68.9	127.9
188	0.0	2.7	4.1#





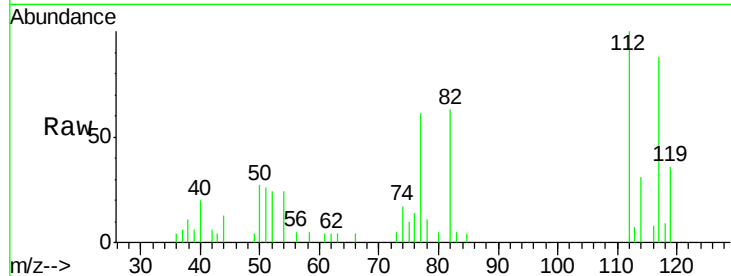
#53
Chlorobenzene
Concen: 0.237 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampled :
MDL06

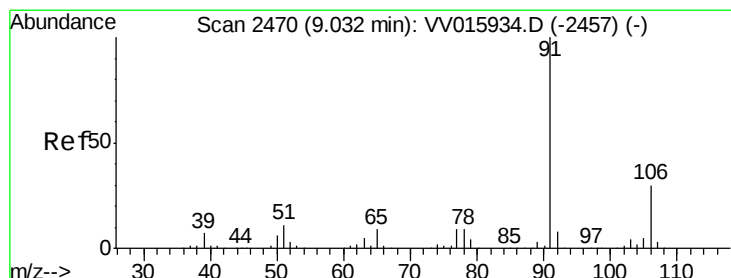
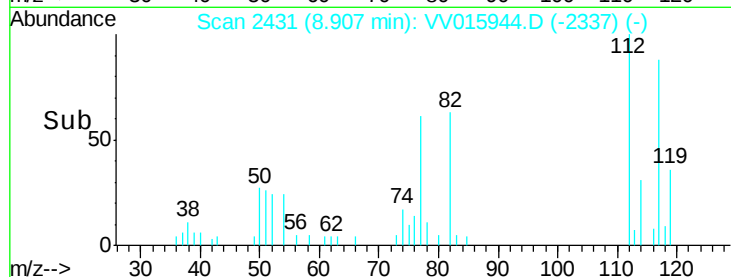
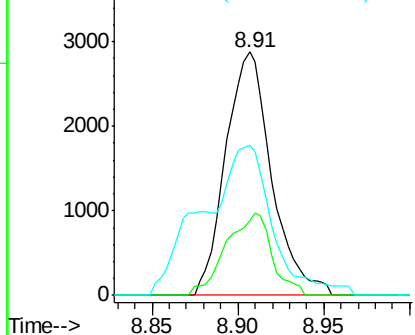
Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	21.6	40.0
77	61.5	48.6	73.0

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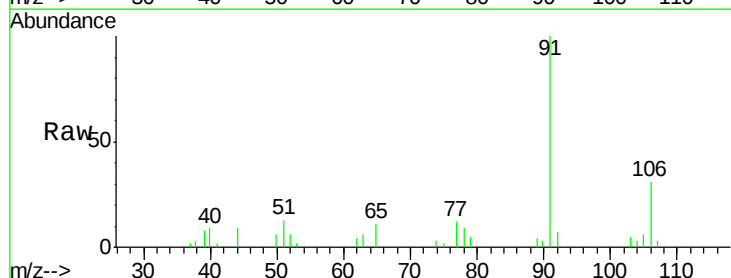


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

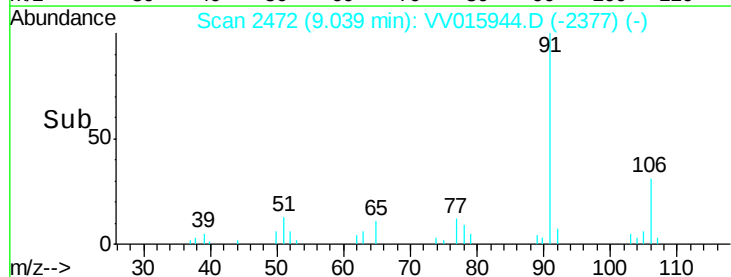
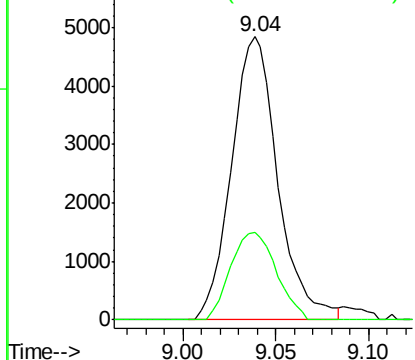


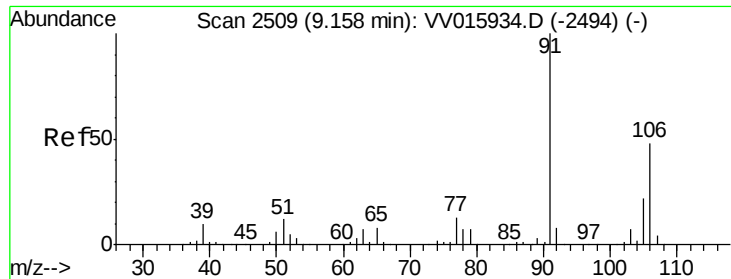
#54
Ethylbenzene
Concen: 0.211 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV015944.D
Acq: 07 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	20.6	38.4



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.205 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion:106 Resp: 3029

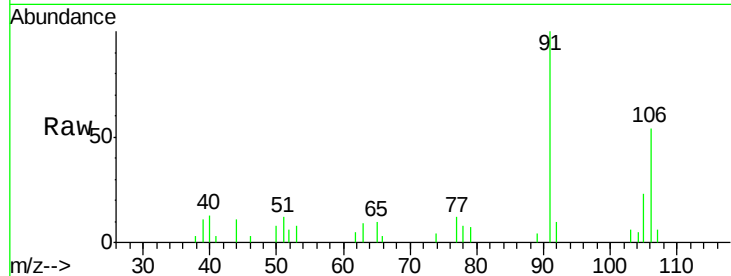
Ion Ratio Lower Upper

106 100

91 186.5 149.9 278.3

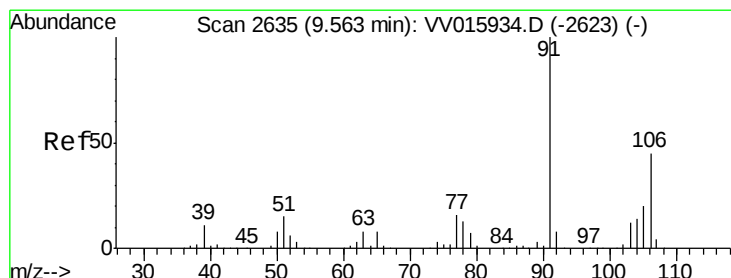
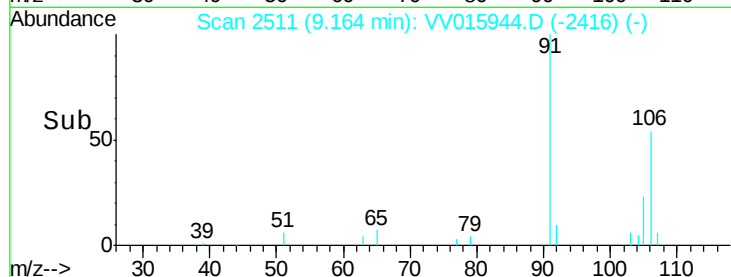
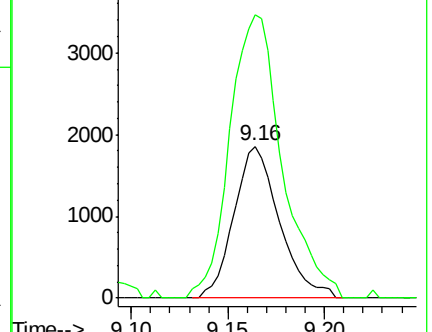
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.189 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015944.D

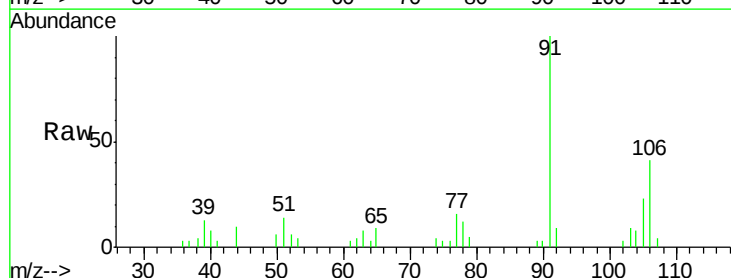
Acq: 07 May 2020 17:07

Tgt Ion:106 Resp: 2673

Ion Ratio Lower Upper

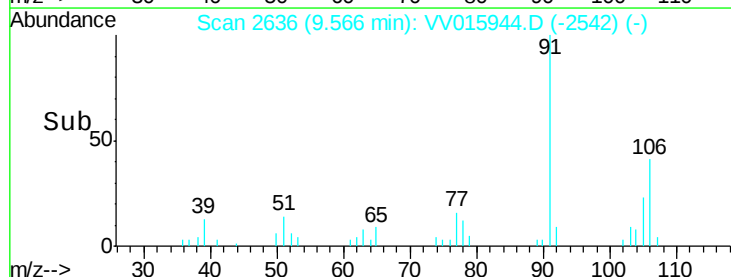
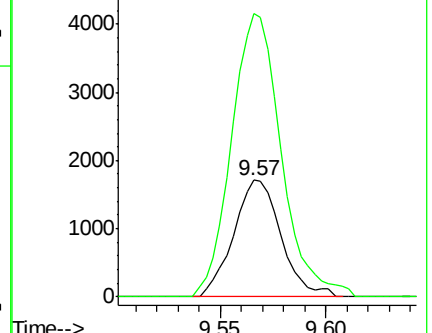
106 100

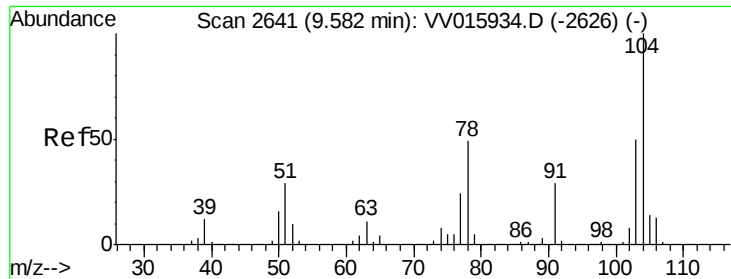
91 243.0 159.7 296.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#57

Stvrene

Concen: 0.182 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tot Ion:104 Resp: 4296

Ion Ratio Lower Upper

104 100

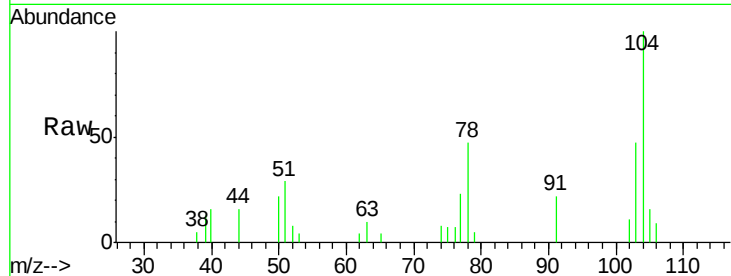
78 46.9 33.9 63.0

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Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

9.59

2500

2000

1500

1000

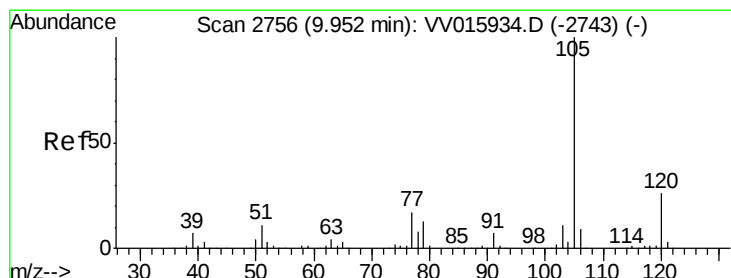
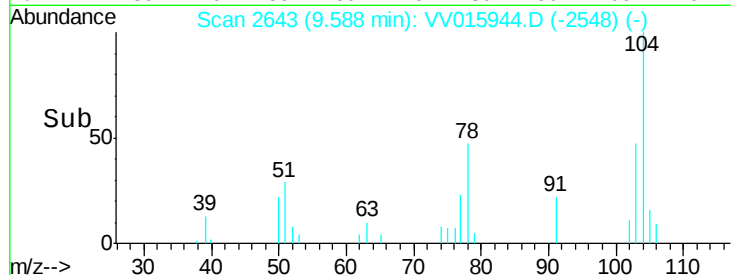
500

0

9.55

9.60

Time-->



#58

Isopropylbenzene

Concen: 0.210 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

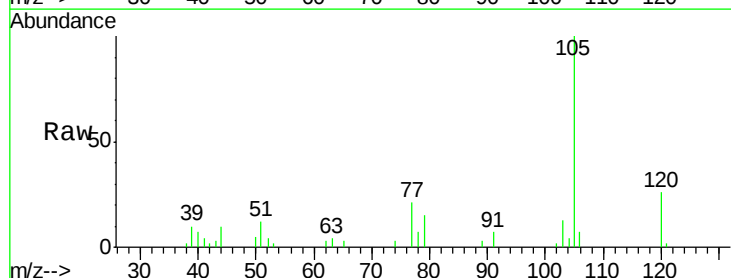
Tgt Ion:105 Resp: 8151

Ion Ratio Lower Upper

105 100

120 25.4 20.8 31.2

77 19.3 14.1 21.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

9.95

6000

4000

2000

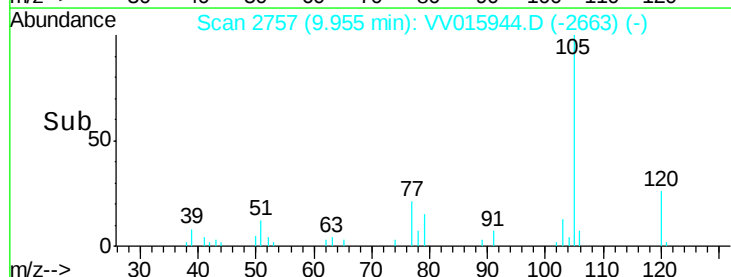
0

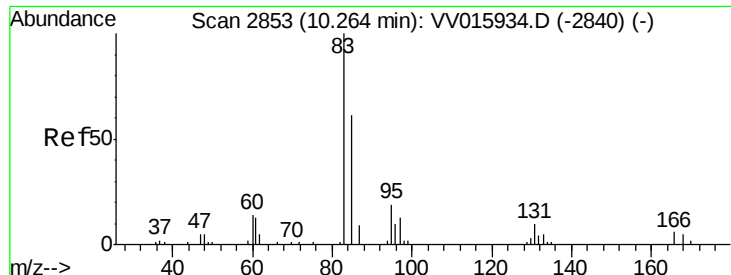
9.90

9.95

10.00

Time-->





#60

1,1,2,2-Tetrachloroethane

Concen: 0.273 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

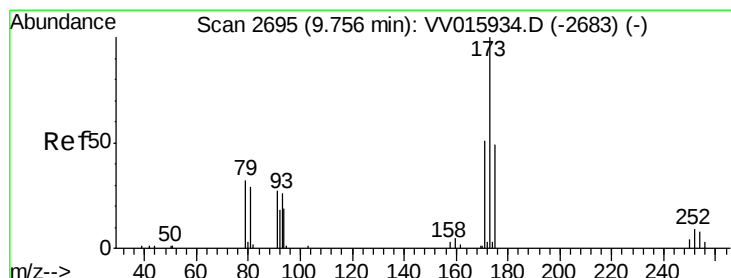
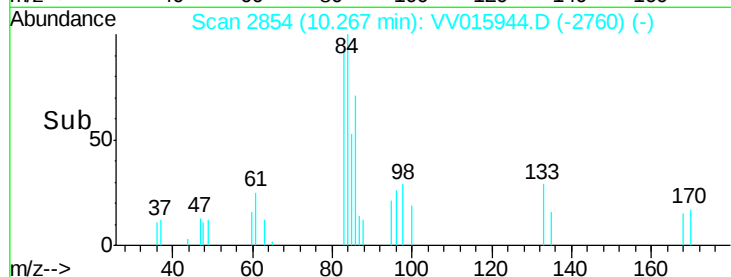
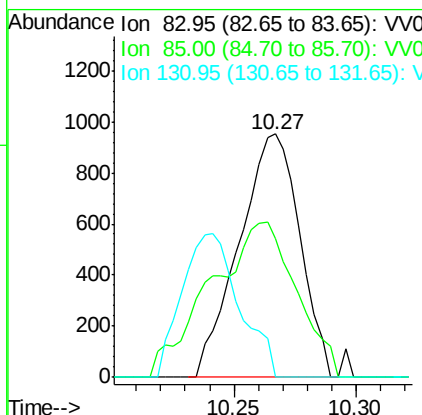
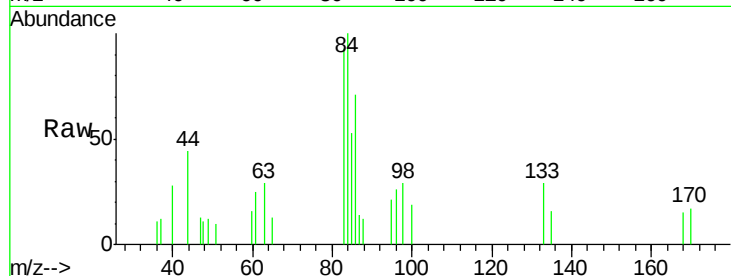
ClientSampled :

MDL06

Tot Ion:	83	Resp:	1639
Ion Ratio	Lower	Upper	
83	100		
85	57.1	44.0	81.6
131	0.0	7.7	11.5#

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#62

Bromoform

Concen: 0.183 ug/L

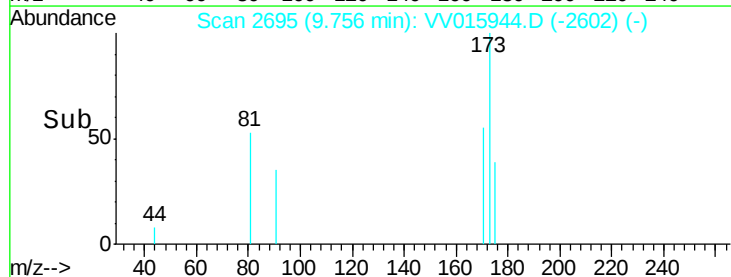
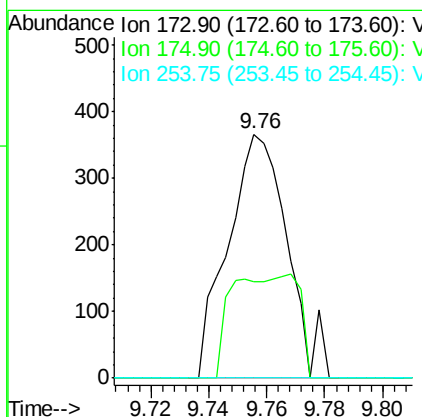
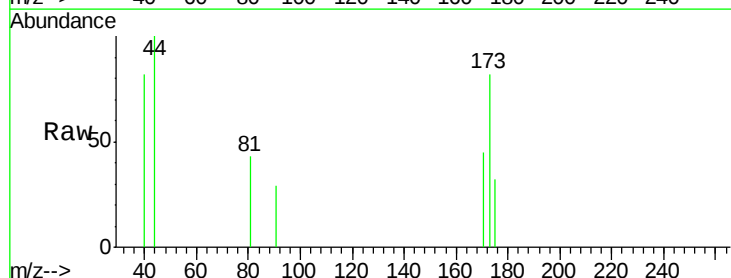
RT: 9.76 min Scan# 2695

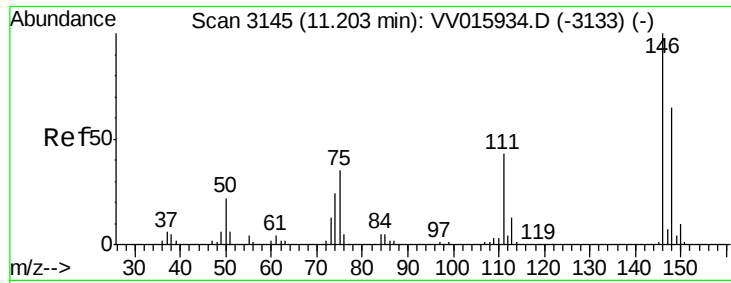
Delta R.T. -0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Tgt Ion:	173	Resp:	520
Ion Ratio	Lower	Upper	
173	100		
175	20.8	39.8	59.8#
254	0.0	7.1	10.7#





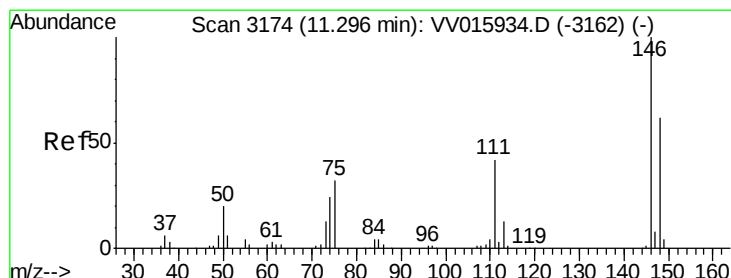
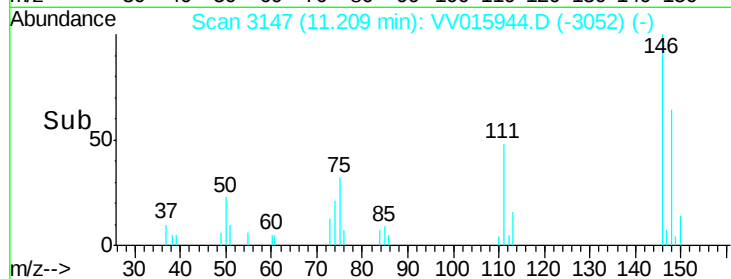
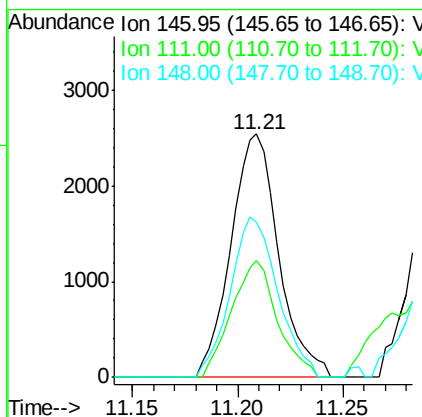
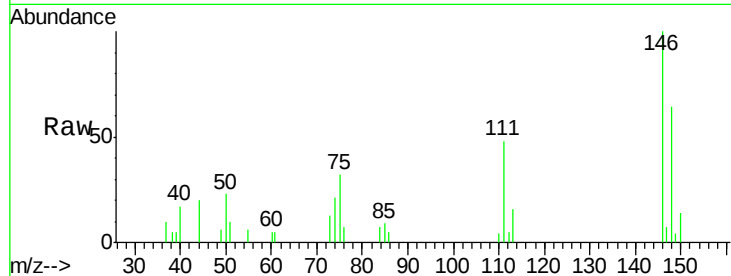
#63
 1,3-Dichlorobenzene
 Concen: 0.240 ug/L
 RT: 11.21 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: VV015944.D
 Acq: 07 May 2020 17:07

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.3	28.7	53.3
148	63.9	44.0	81.8

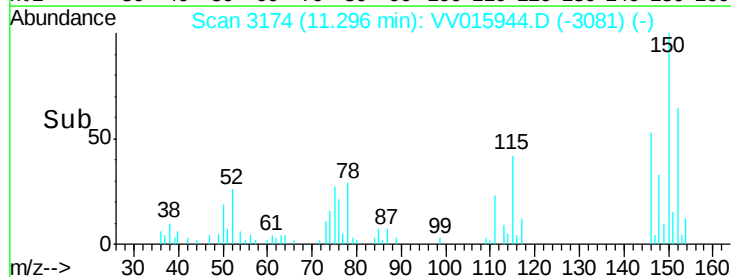
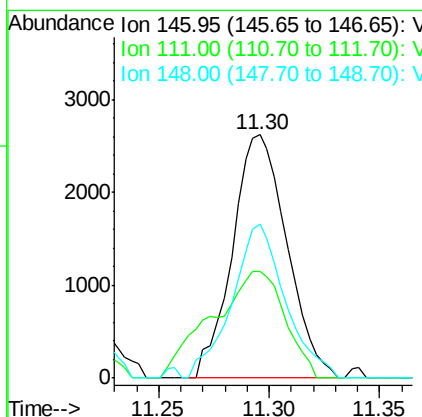
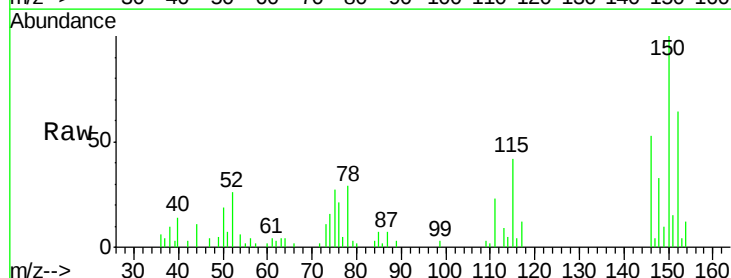
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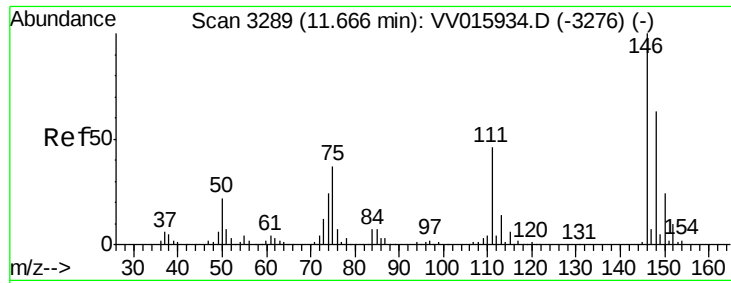
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#64
 1,4-Dichlorobenzene
 Concen: 0.268 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015944.D
 Acq: 07 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	28.9	53.7
148	63.1	44.6	82.8





#66

1,2-Dichlorobenzene

Concen: 0.265 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Instrument :

MSVOA_V

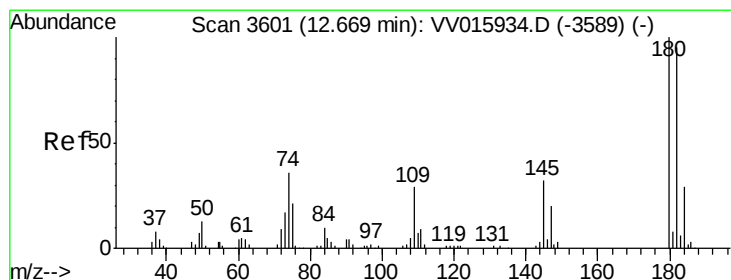
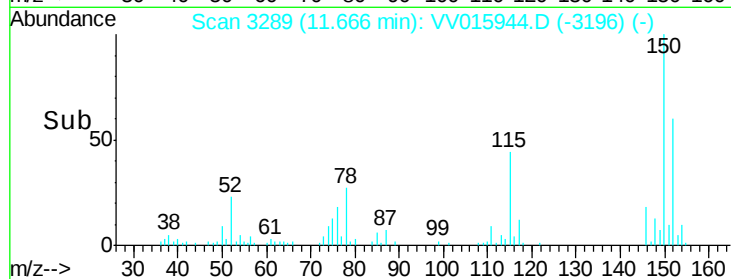
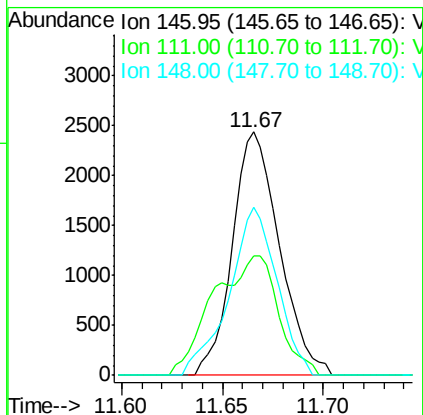
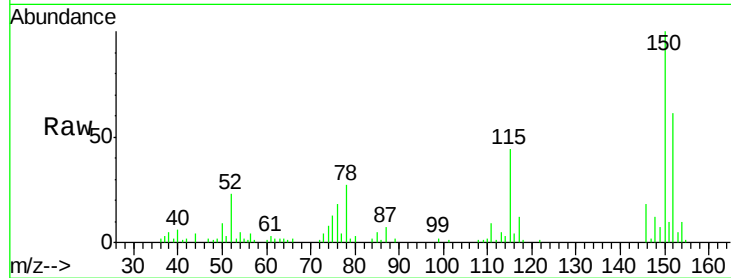
ClientSampled :

MDL06

Tot Ion:	146	Resp:	3996
Ion	Ratio	Lower	Upper
146	100		
111	48.9	37.0	55.4
148	68.8	49.8	74.6

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#68

1,3,5-Trichlorobenzene

Concen: 0.221 ug/L

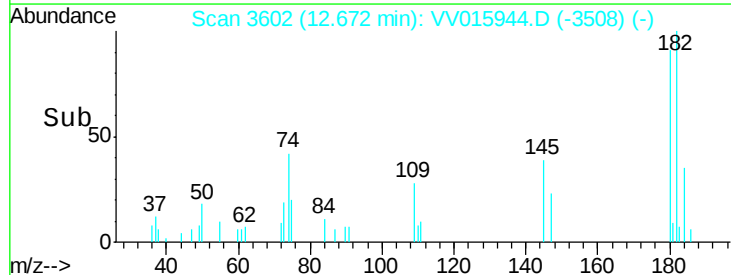
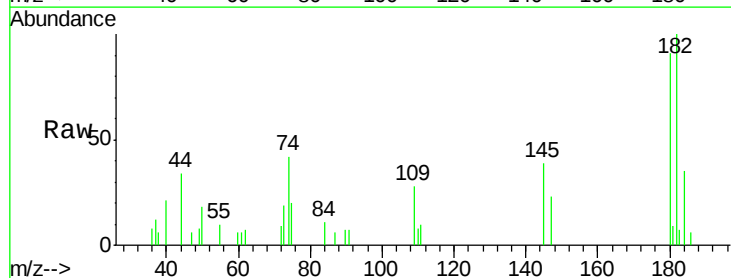
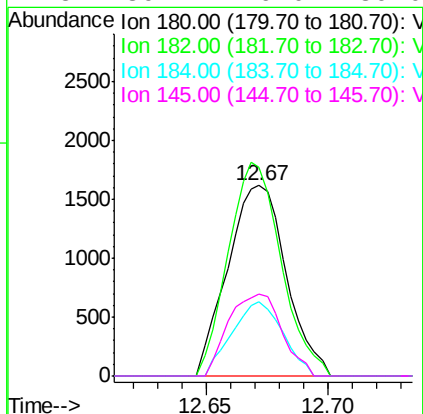
RT: 12.67 min Scan# 3602

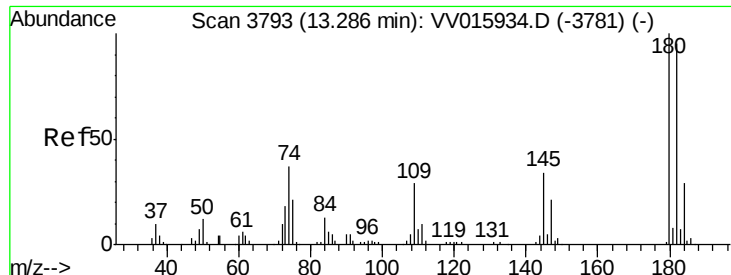
Delta R.T. 0.00 min

Lab File: VV015944.D

Acq: 07 May 2020 17:07

Tgt Ion:	180	Resp:	2689
Ion	Ratio	Lower	Upper
180	100		
182	101.3	75.8	113.6
184	34.0	24.6	36.8
145	39.4	26.0	39.0#





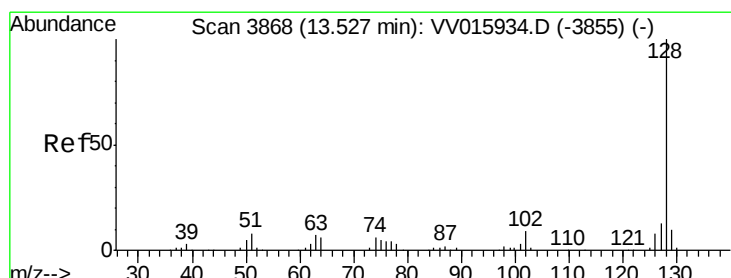
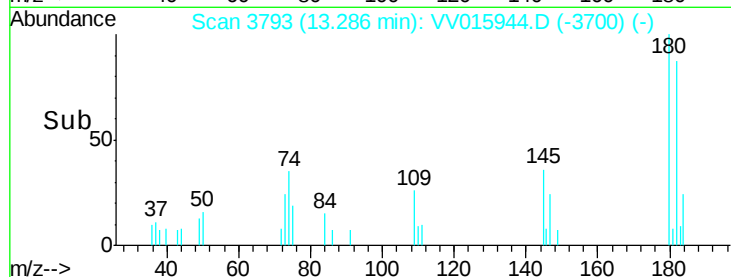
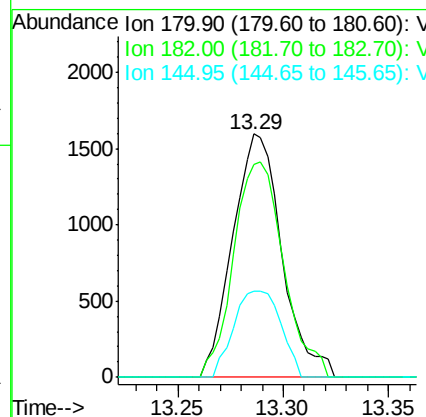
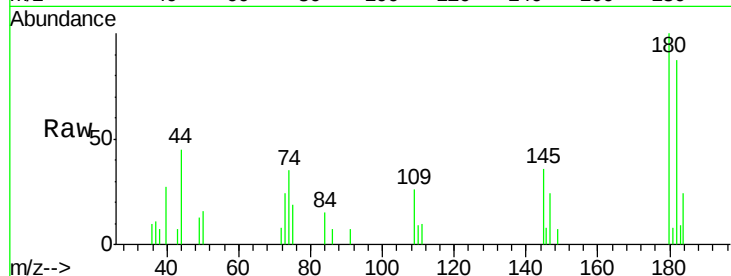
#69
 1,2,4-trichlorobenzene
 Concen: 0.247 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015944.D
 Acq: 07 May 2020 17:07

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.8	76.7	115.1
145	33.8	26.4	39.6

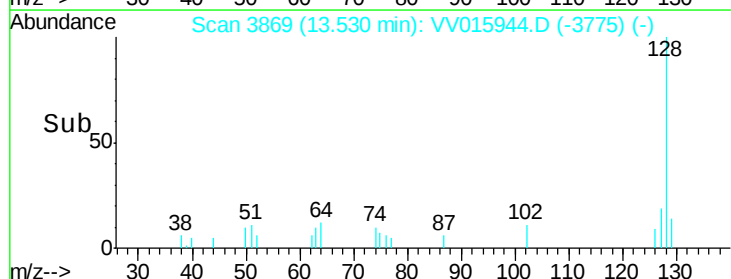
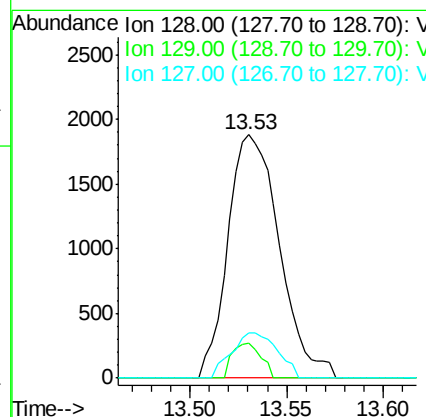
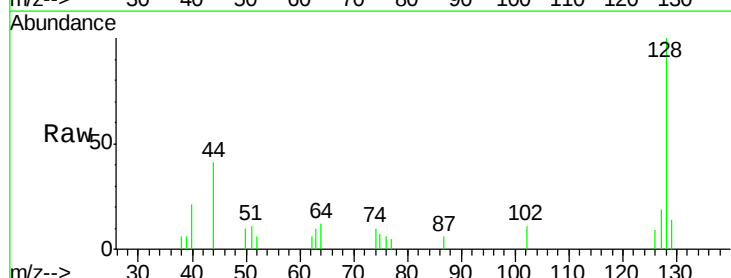
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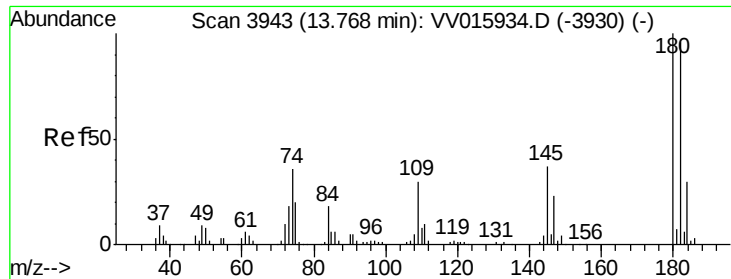
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#70
 Naphthalene
 Concen: 0.209 ug/L
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.00 min
 Lab File: VV015944.D
 Acq: 07 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.0	8.5	12.7#
127	16.7	10.2	15.2#





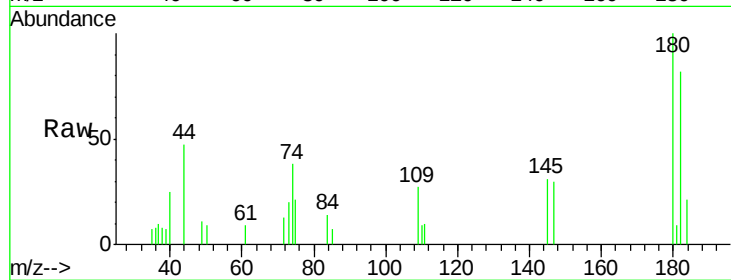
#71
 1,2,3-Trichlorobenzene
 Concen: 0.220 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015944.D
 Acq: 07 May 2020 17:07

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.4	77.0	115.6
145	36.8	28.3	42.5

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Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

