

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015945.D
 Acq On : 07 May 2020 17:31
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

apatel
 5/8/2020 12:58:29 PM

Quant Time: May 08 06:04:37 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	140202	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138302	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36161	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.57	69	34907	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	60153	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.98	46	114456m	52.24	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.48%
24) Chloroform-d	4.38	84	81055	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	50007	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.07	84	165408	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.09	67	52097	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	151494	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	7.64	79	18622	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.12	63	86592	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36843	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56678	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2532	0.236	ug/L	93
3) Chloromethane	1.24	50	3041	0.280	ug/L	87
5) Vinyl chloride	1.32	62	2718	0.261	ug/L #	68
6) Bromomethane	1.53	94	1577	0.267	ug/L	99
8) Chloroethane	1.59	64	2276	0.349	ug/L	86
9) Trichlorofluoromethane	1.76	101	3957	0.277	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2437	0.302	ug/L	90
12) 1,1-Dichloroethene	2.13	96	2546	0.330	ug/L #	1
14) Carbon disulfide	2.30	76	6225	0.244	ug/L	95
15) Methyl Acetate	2.47	43	830m	0.251	ug/L	
16) Methylene chloride	2.52	84	3210	0.348	ug/L	90
17) Methyl tert-butyl Ether	2.79	73	4885	0.244	ug/L #	92
18) trans-1,2-Dichloroethene	2.78	96	2078	0.244	ug/L	98
19) 1,1-Dichloroethane	3.21	63	4193	0.255	ug/L	94
21) 2-Butanone	4.08	43	4961m	2.284	ug/L	
22) cis-1,2-Dichloroethene	3.95	96	2135	0.239	ug/L	94
23) Bromochloromethane	4.28	128	850	0.223	ug/L	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

25) Chloroform	4.40	83	11378	0.629	ug/L	99
27) 1,2-Dichloroethane	5.17	62	2999	0.270	ug/L #	94
29) 1,1,1-Trichloroethane	4.64	97	3628	0.238	ug/L	95
30) Cyclohexane	4.70	56	3760	0.246	ug/L	95
31) Carbon tetrachloride	4.86	117	3061	0.233	ug/L	94
33) Benzene	5.13	78	9186	0.264	ug/L	100
34) Trichloroethene	5.95	95	2494	0.251	ug/L	95
35) Methylcyclohexane	6.15	83	3691	0.246	ug/L	97
37) 1,2-Dichloropropane	6.21	63	2488	0.281	ug/L #	93
38) Bromodichloromethane	6.54	83	2721	0.242	ug/L #	85
39) cis-1,3-Dichloropropene	7.06	75	2872	0.230	ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	12062	2.189	ug/L #	90
42) Toluene	7.41	91	9139	0.248	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	6701	0.198	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	6402	0.189	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	2045m	0.194	ug/L	
47) 1,1,2-Trichloroethane	7.87	97	1556	0.264	ug/L	95
49) Tetrachloroethene	8.00	164	1498	0.216	ug/L	80
50) 2-Hexanone	8.17	43	15878	4.075	ug/L	92
51) Dibromochloromethane	8.27	129	1470	0.222	ug/L	88
52) 1,2-Dibromoethane	8.38	107	1366	0.249	ug/L #	88
53) Chlorobenzene	8.90	112	6133	0.259	ug/L	99
54) Ethylbenzene	9.04	91	9678	0.231	ug/L	97
55) m,p-xylene	9.16	106	3425	0.221	ug/L	94
56) o-xylene	9.57	106	3008	0.203	ug/L	97
57) Styrene	9.59	104	5044	0.203	ug/L	97
58) Isopropylbenzene	9.96	105	9742	0.239	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.27	83	1725	0.273	ug/L #	92
62) Bromoform	9.76	173	635	0.212	ug/L #	69
63) 1,3-Dichlorobenzene	11.21	146	4623	0.263	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	4579	0.260	ug/L	94
66) 1,2-Dichlorobenzene	11.67	146	4403	0.277	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	3265	0.254	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	2677	0.243	ug/L	96
70) Naphthalene	13.53	128	4028	0.230	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	2406	0.247	ug/L	95

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

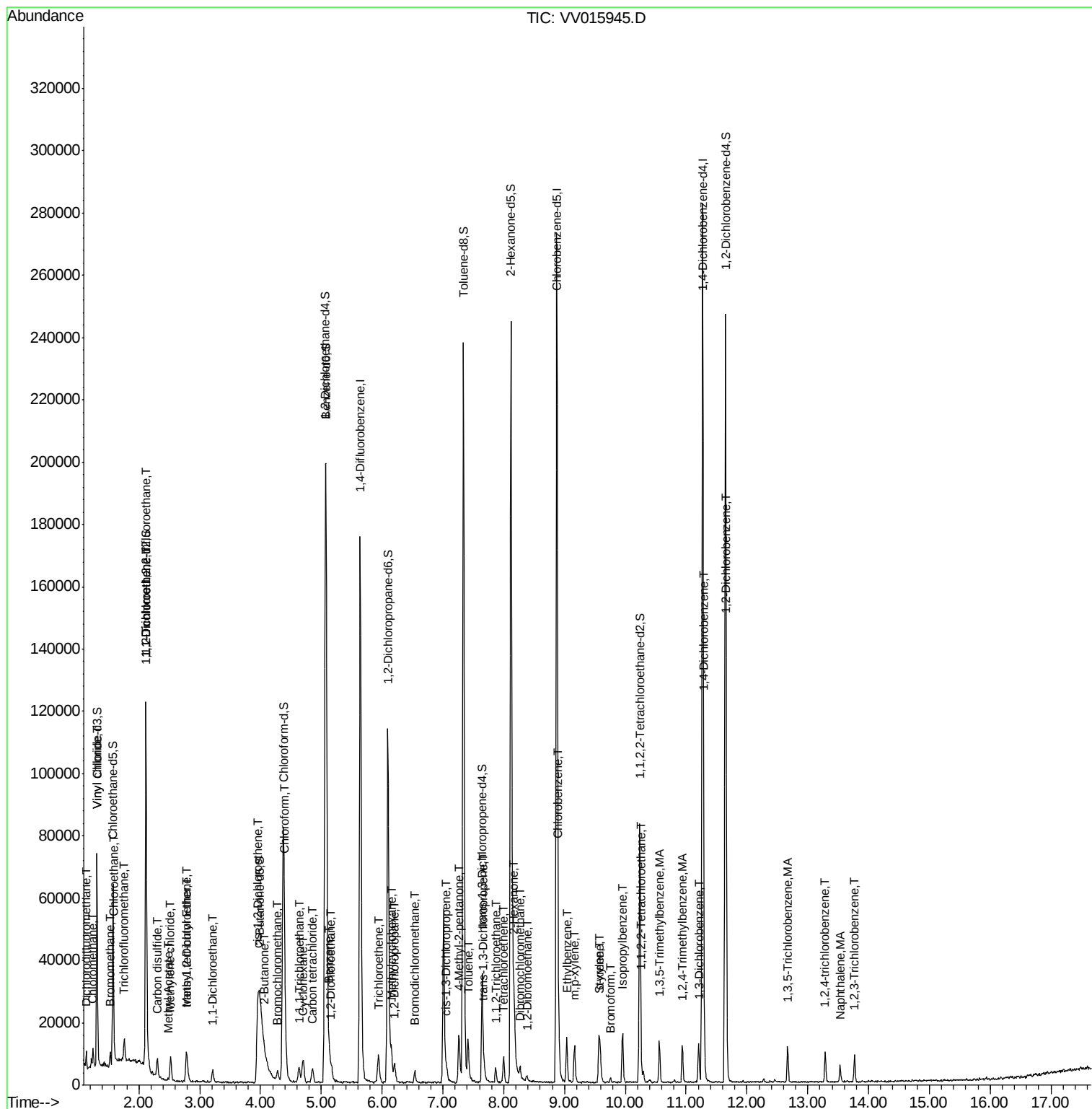
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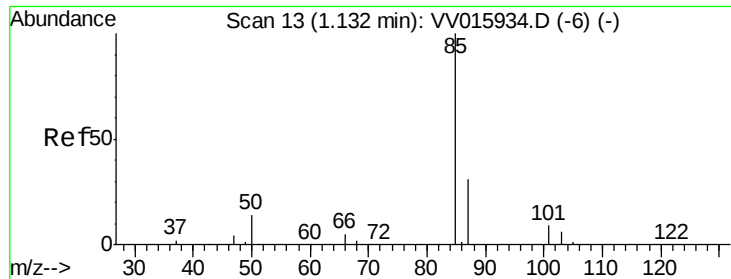
Instrument :
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#2

Dichlorodifluoromethane

Concen: 0.236 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tot Ion: 85 Resp: 2532

Ion Ratio Lower Upper

85 100

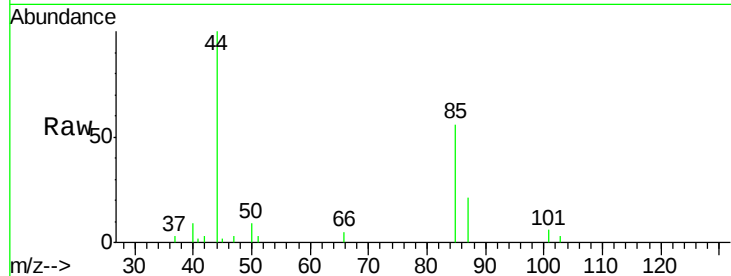
87 36.9 26.4 39.6

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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

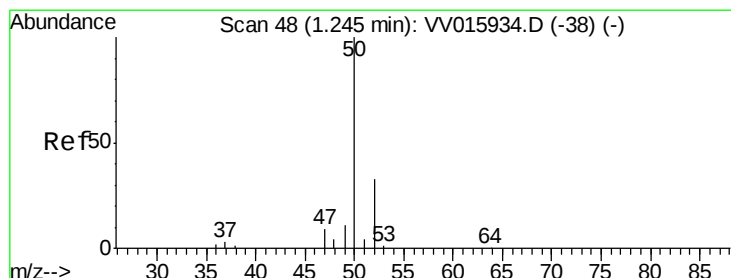
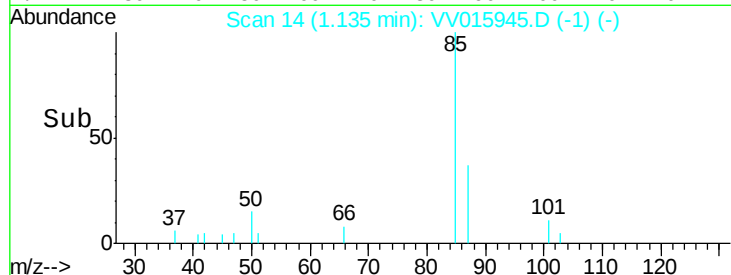
1000

500

0

Time-->

1.10 1.12 1.14 1.16 1.18



#3

Chloromethane

Concen: 0.280 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015945.D

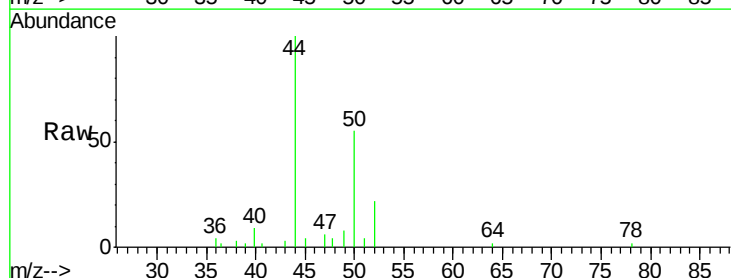
Acq: 07 May 2020 17:31

Tgt Ion: 50 Resp: 3041

Ion Ratio Lower Upper

50 100

52 40.1 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

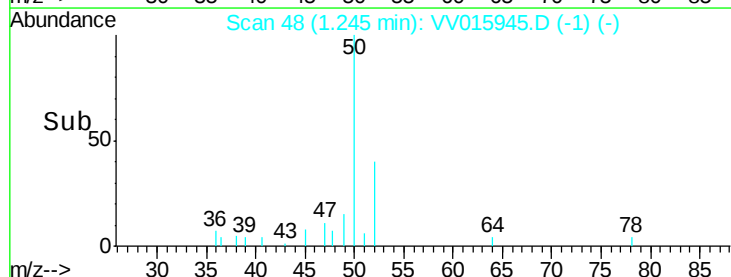
1000

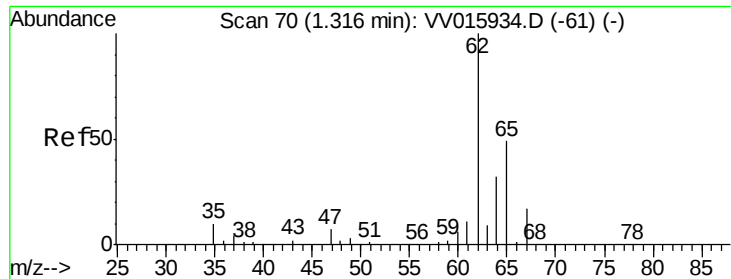
500

0

Time-->

1.20 1.25





#5

Vinyl chloride

Concen: 0.261 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion: 62 Resp: 2718

Ion Ratio Lower Upper

62 100

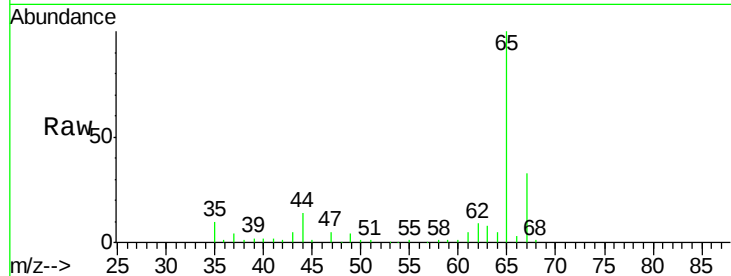
64 49.6 22.4 41.6#

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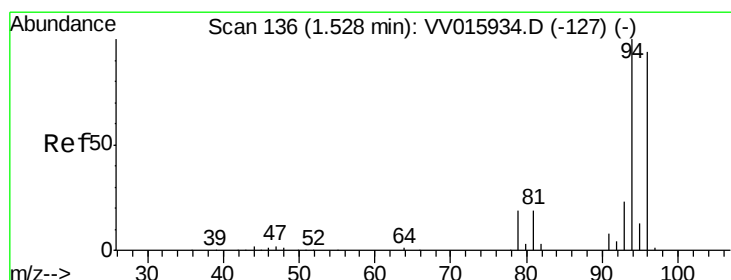
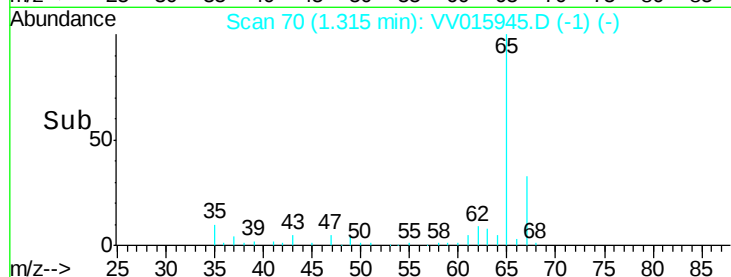
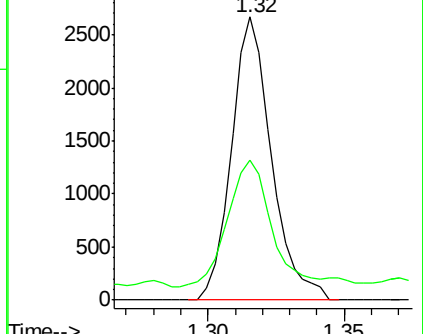
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 0.267 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV015945.D

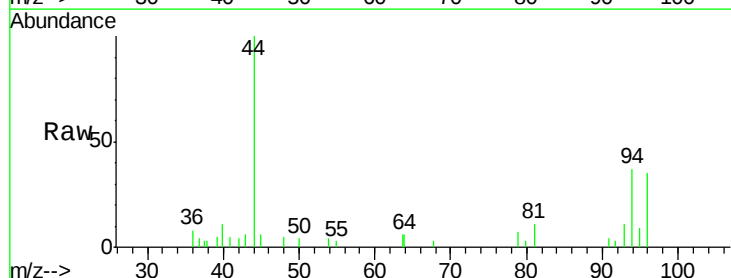
Acq: 07 May 2020 17:31

Tgt Ion: 94 Resp: 1577

Ion Ratio Lower Upper

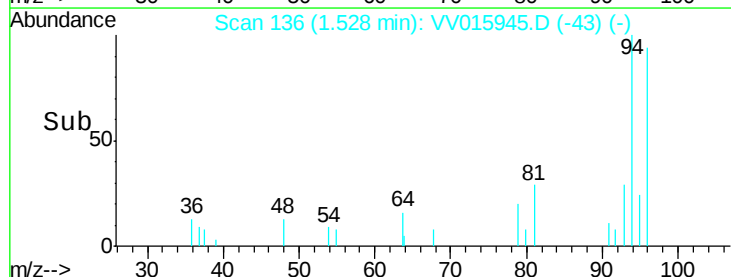
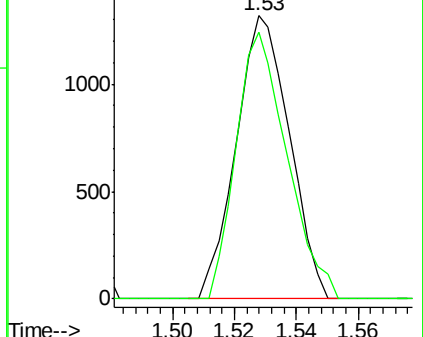
94 100

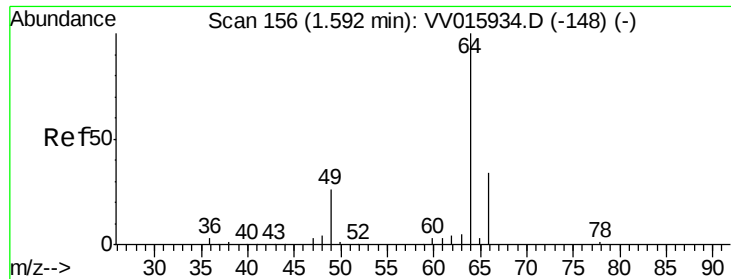
96 94.4 65.4 121.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.349 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tot Ion: 64 Resp: 2276

Ion Ratio Lower Upper

64 100

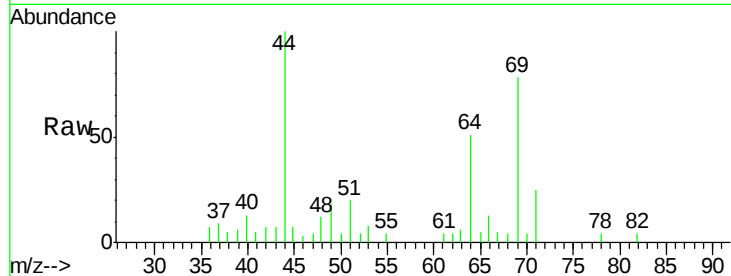
66 25.7 23.6 43.8

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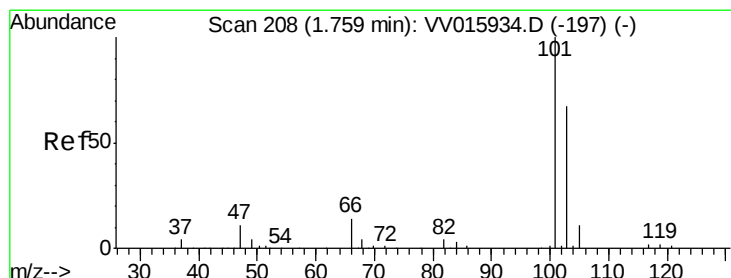
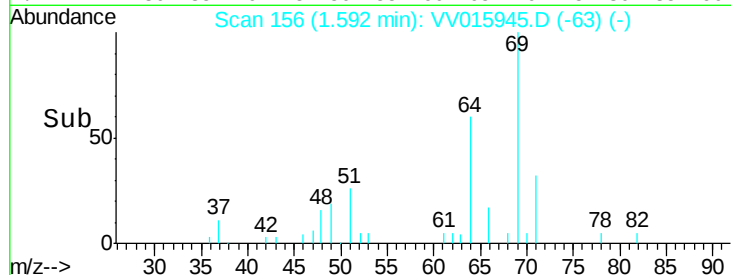
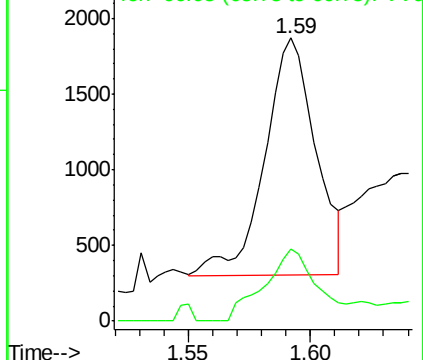
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Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#9

Trichlorofluoromethane

Concen: 0.277 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015945.D

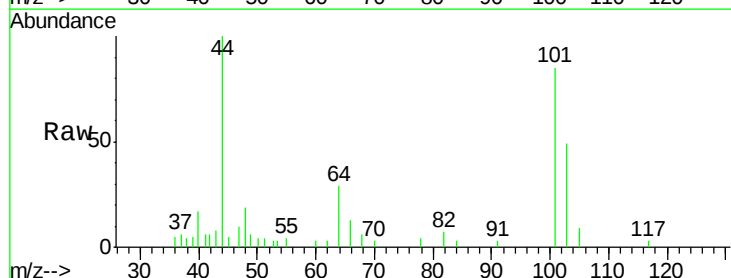
Acq: 07 May 2020 17:31

Tgt Ion: 101 Resp: 3957

Ion Ratio Lower Upper

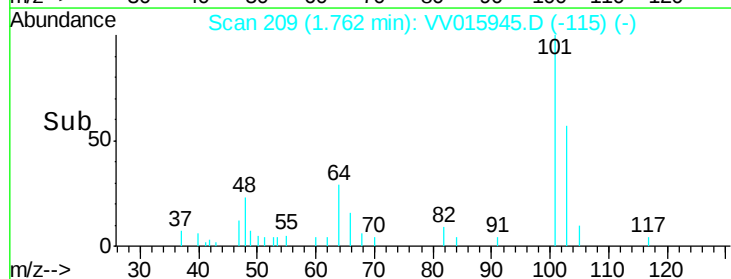
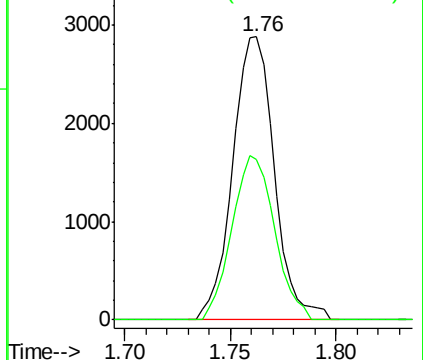
101 100

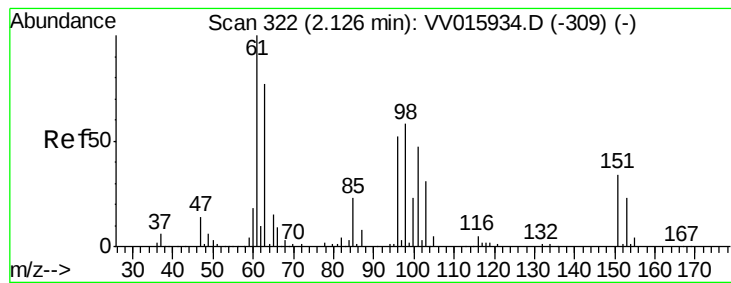
103 59.2 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 0.302 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

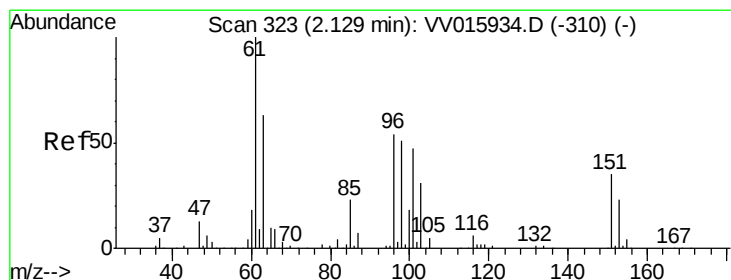
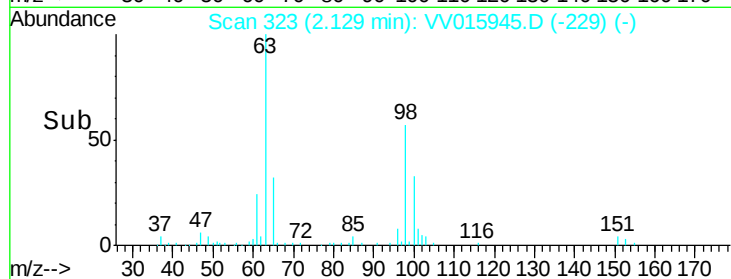
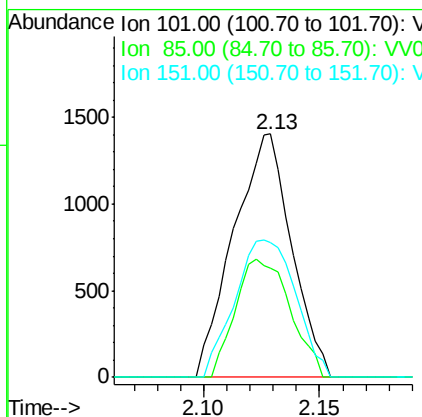
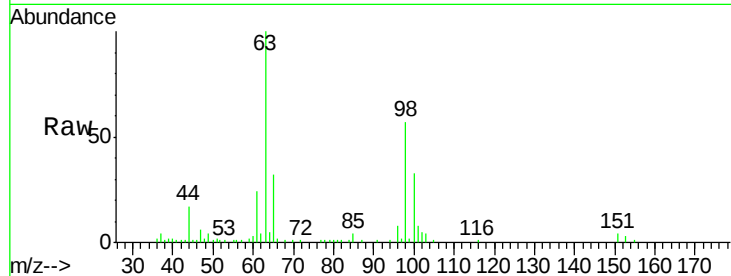
ClientSampled :

MDL07

Tot Ion:	101	Resp:	2437
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.7	53.5
151	59.3	58.0	87.0

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#12

1,1-Dichloroethene

Concen: 0.330 ug/L

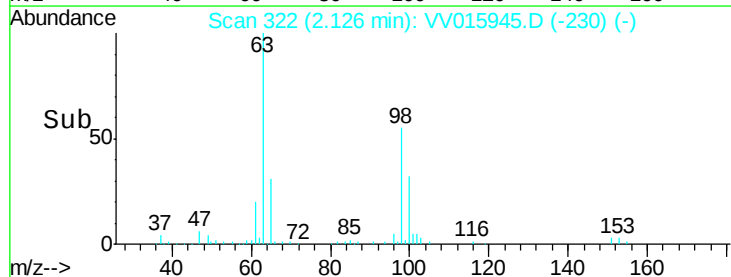
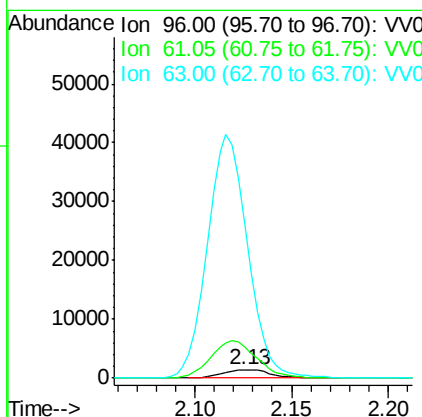
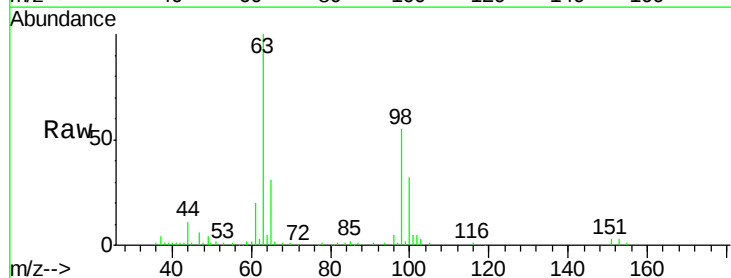
RT: 2.13 min Scan# 322

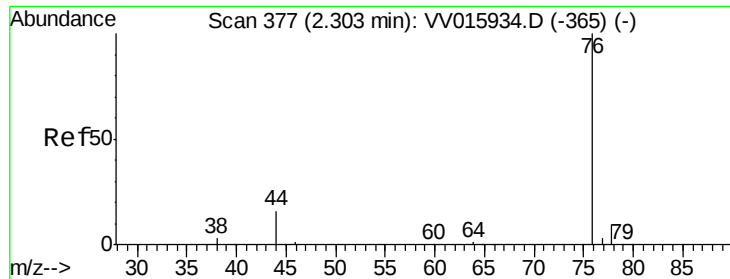
Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Tgt Ion:	96	Resp:	2546
Ion Ratio	Lower	Upper	
96	100		
61	366.9	139.9	259.7#
63	1835.2	106.4	197.6#





#14

Carbon disulfide

Concen: 0.244 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Tot Ion: 76 Resp: 6225

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6

Instrument :

MSVOA_V

ClientSampled :

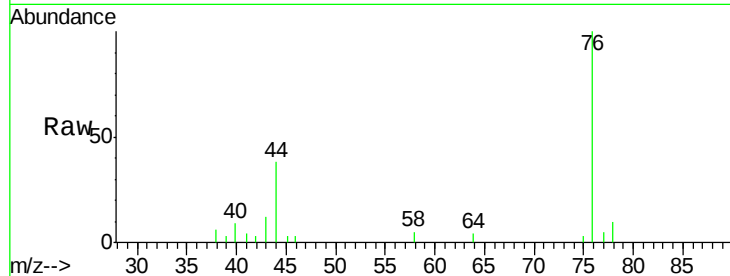
MDL07

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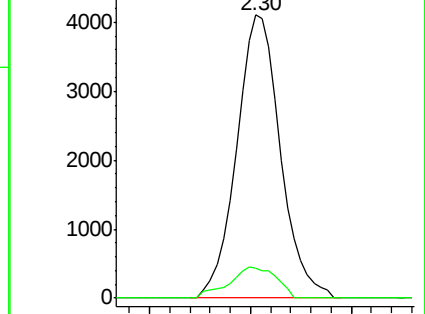
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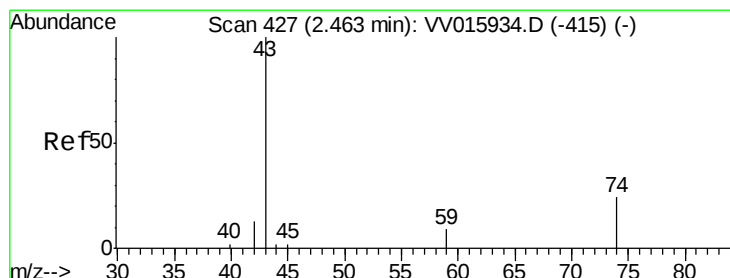
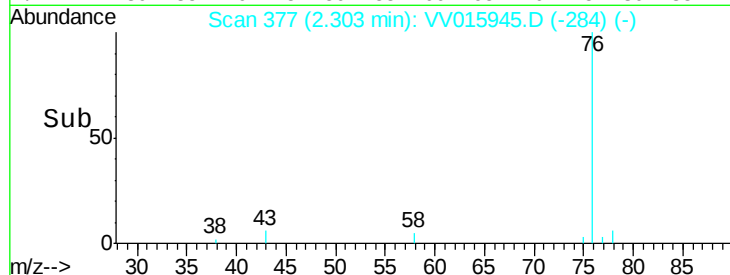


Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



Time-->



#15

Methyl Acetate

Concen: 0.251 ug/L m

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VV015945.D

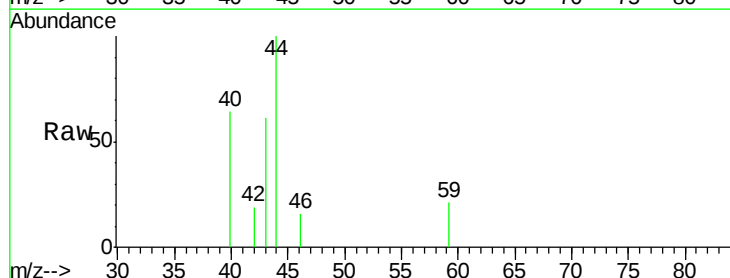
Acq: 07 May 2020 17:31

Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

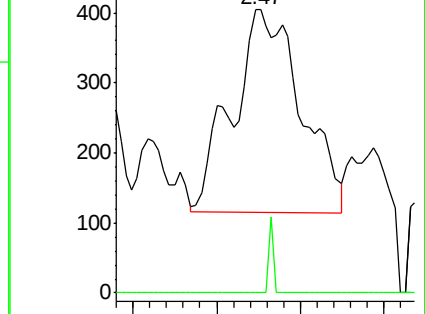
43 100

74 0.0 19.2 28.8#

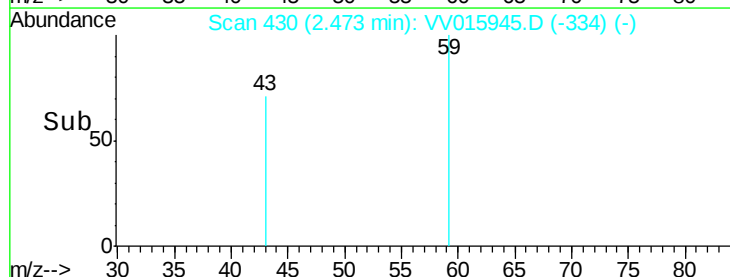


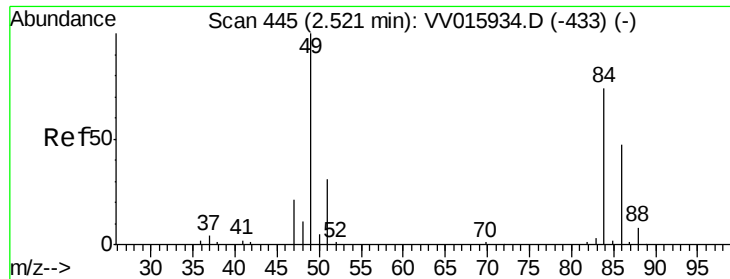
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



Time-->





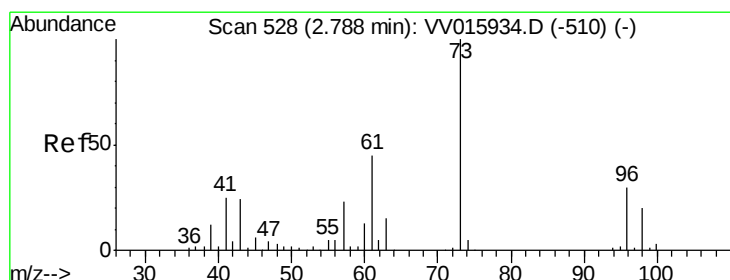
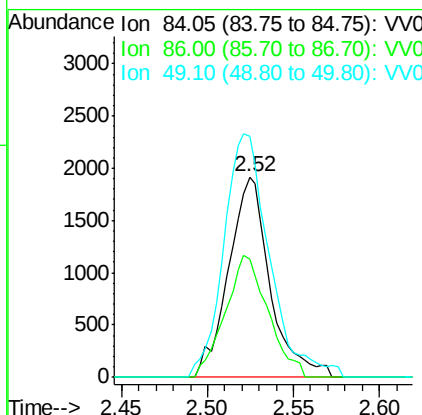
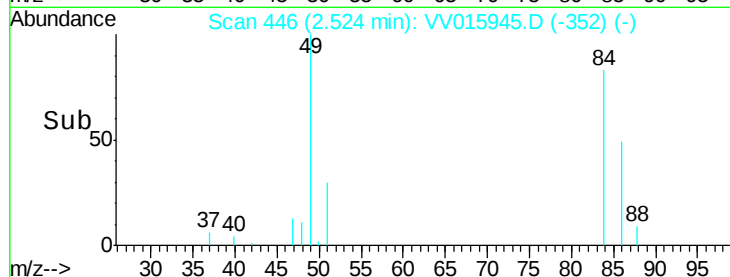
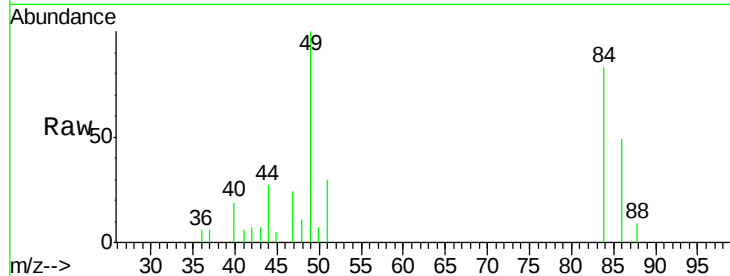
#16
Methvlene chloride
Concen: 0.348 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion: 84 Resp: 3210
Ion Ratio Lower Upper
84 100
86 59.1 45.6 84.8
49 120.1 93.6 173.8

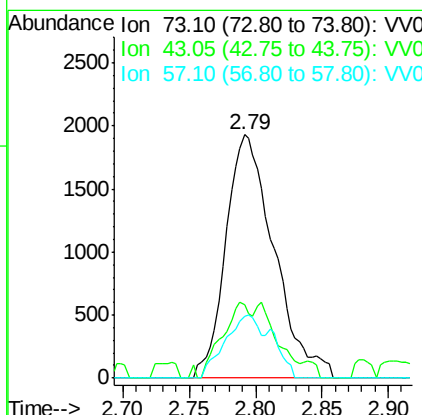
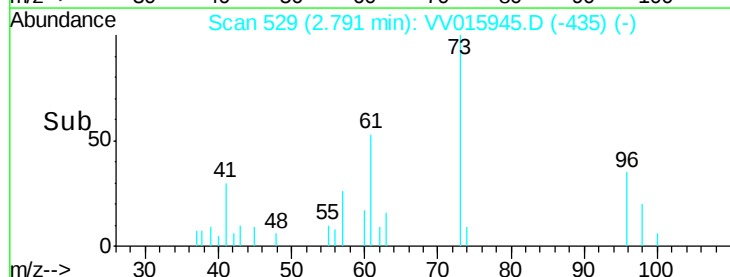
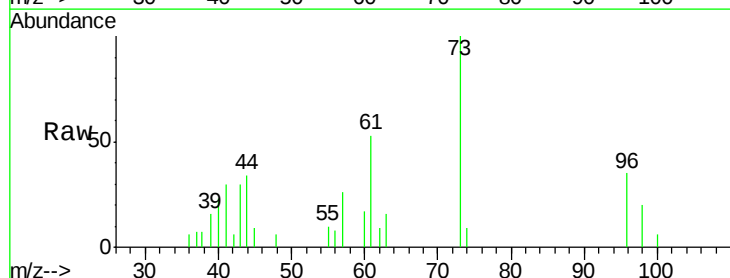
Manual Integrations
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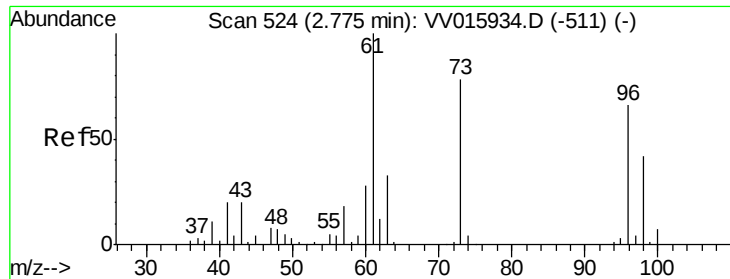
apatel
5/8/2020 12:58:29 PM



#17
Methyl tert-butyl Ether
Concen: 0.244 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion: 73 Resp: 4885
Ion Ratio Lower Upper
73 100
43 18.8 18.8 28.2#
57 19.7 17.8 26.6





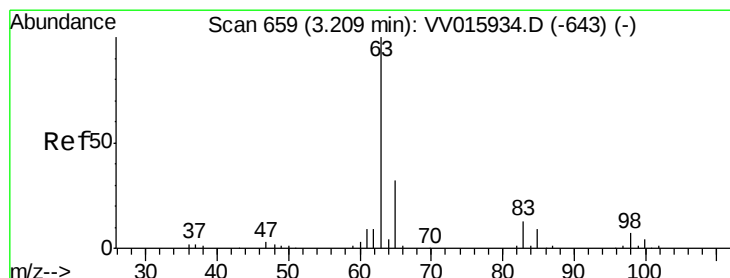
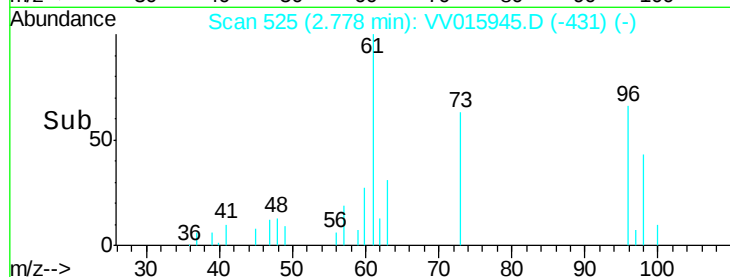
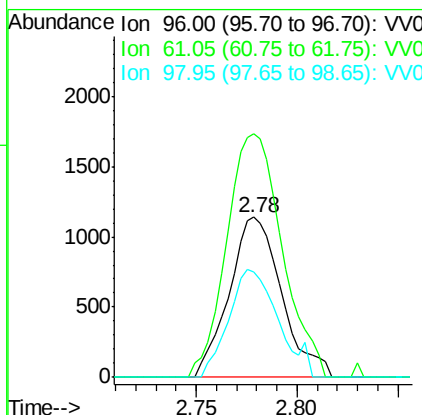
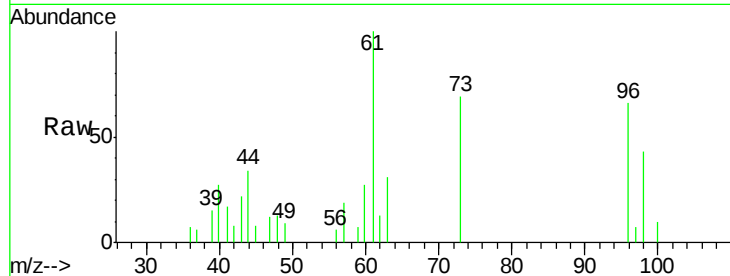
#18
trans-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	105.3	195.5
98	65.8	44.0	81.6

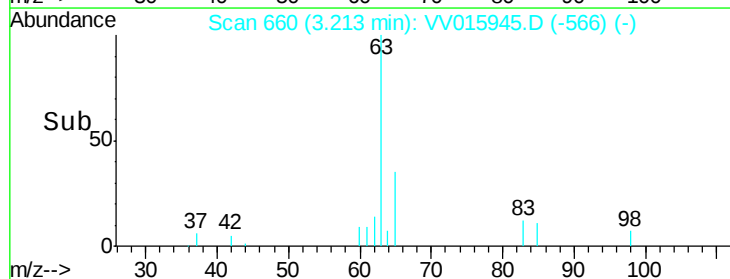
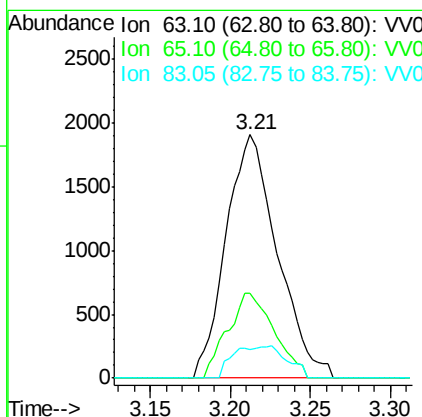
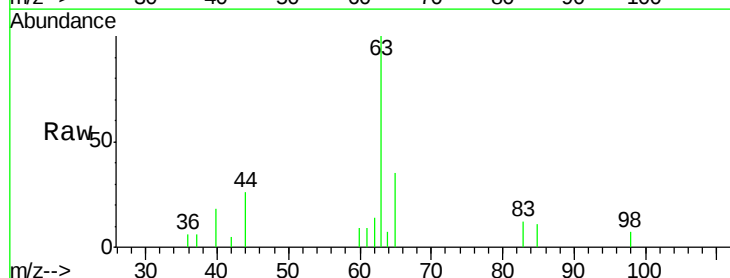
Manual Integrations
APPROVED

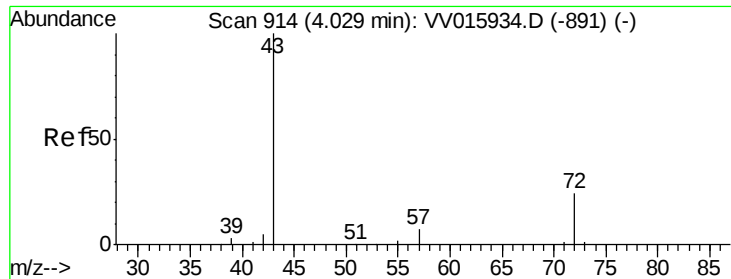
apatel
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#19
1,1-Dichloroethane
Concen: 0.255 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.0	41.0
83	11.7	9.8	18.2





#21

2-Butanone

Concen: 2.284 ug/L m

RT: 4.08 min Scan# 929

Delta R.T. 0.05 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tot Ion: 43 Resp: 4961

Ion Ratio Lower Upper

43 100

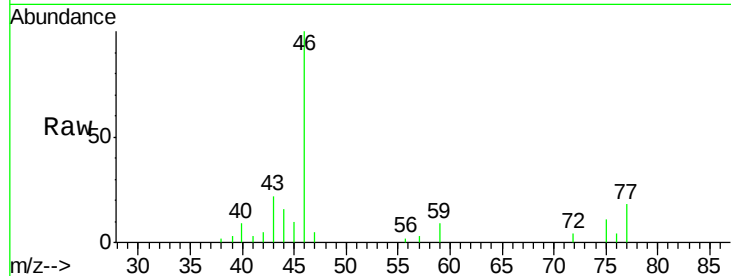
72 8.4 10.5 31.5#

Manual Integrations

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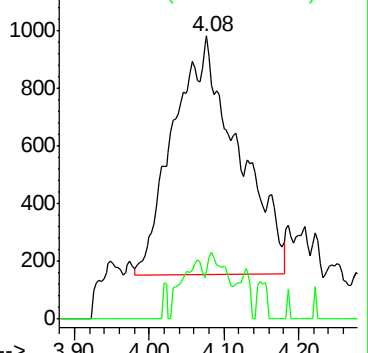
apatel

5/8/2020 12:58:29 PM

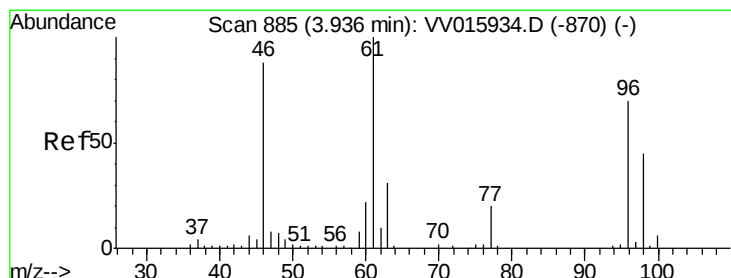
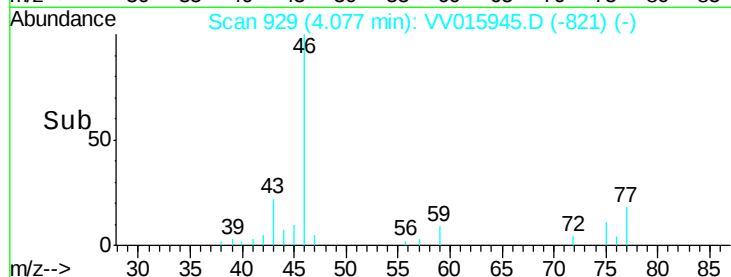


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.239 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

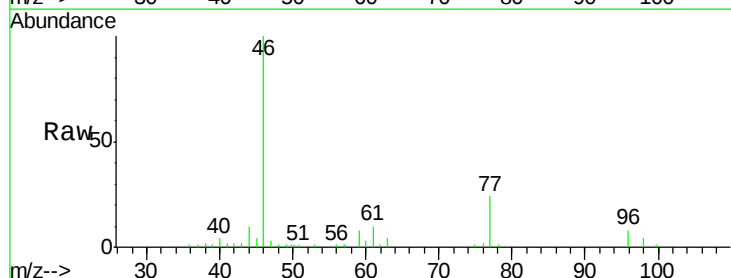
Tgt Ion: 96 Resp: 2135

Ion Ratio Lower Upper

96 100

61 131.3 97.2 180.6

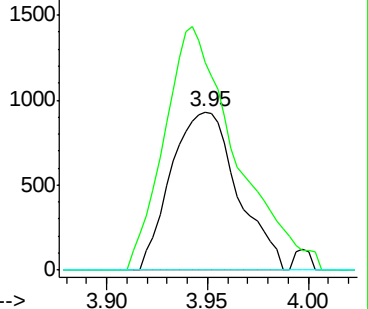
68 0.0 0.0 0.0



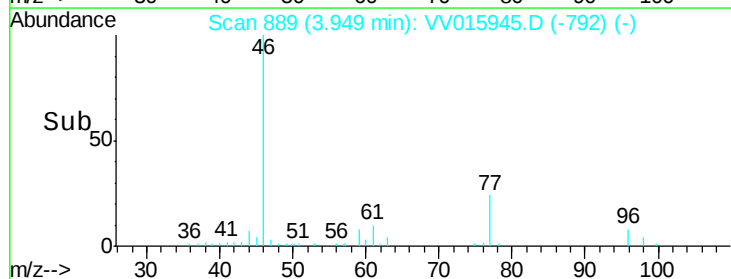
Abundance Ion 96.00 (95.70 to 96.70): VV0

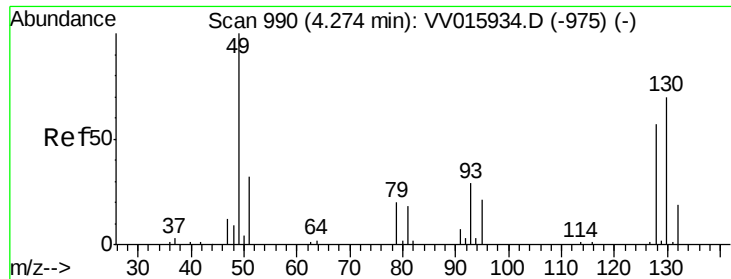
Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



Time-->





#23

Bromochloromethane

Concen: 0.223 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VV015945.D

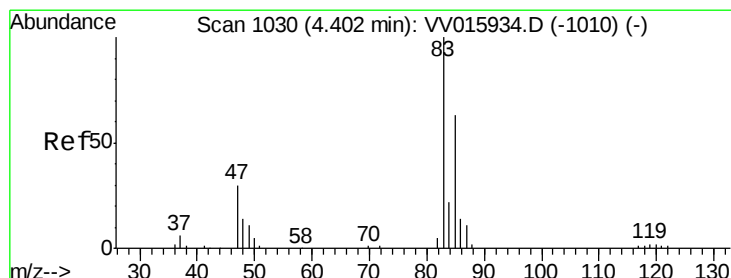
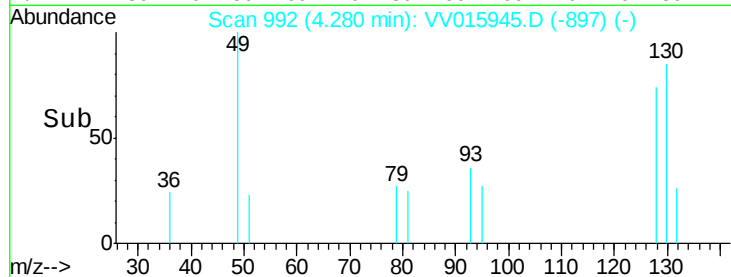
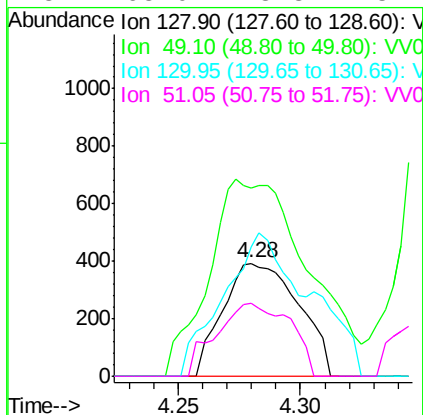
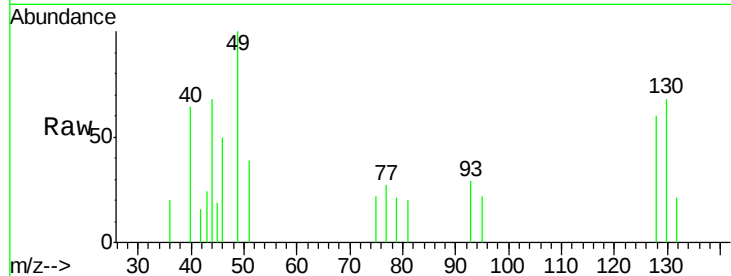
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion:	128	Resp:	850
Ion	Ratio	Lower	Upper
128	100		
49	166.8	131.3	243.8
130	114.2	91.8	170.4
51	65.0	48.8	73.2

Manual Integrations
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#25

Chloroform

Concen: 0.629 ug/L

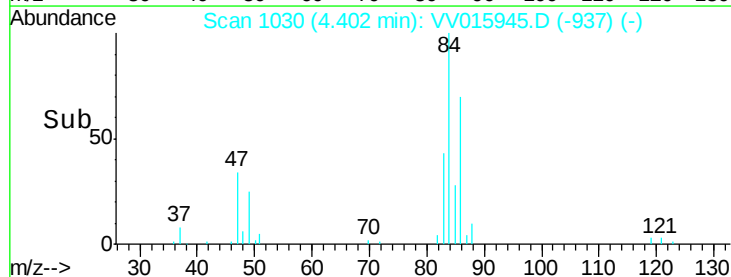
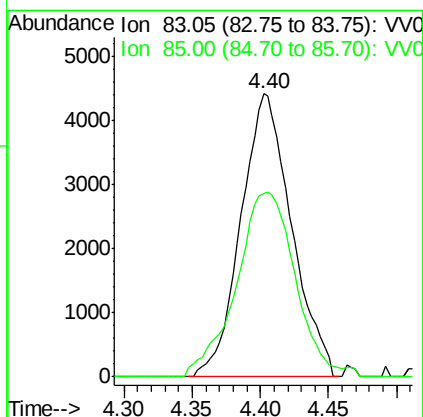
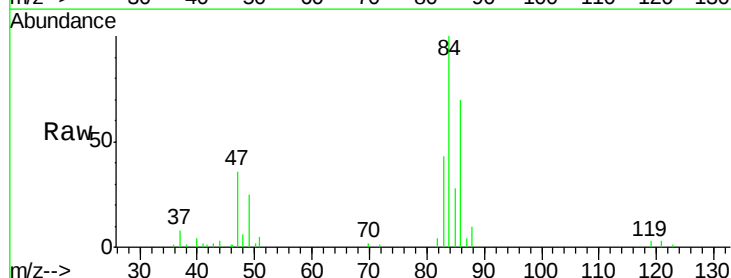
RT: 4.40 min Scan# 1030

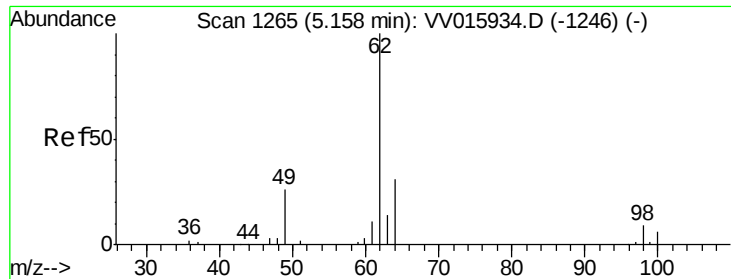
Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Tgt Ion:	83	Resp:	11378
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.7	84.9





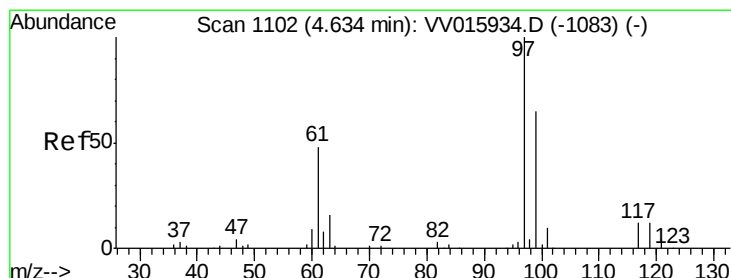
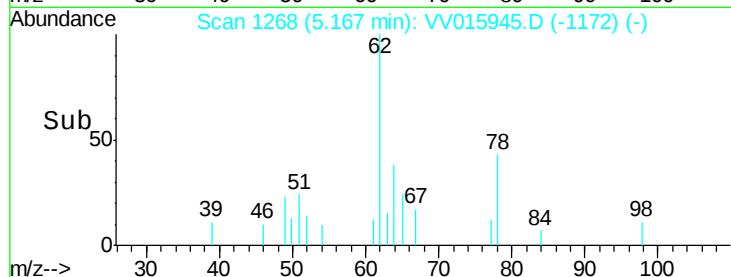
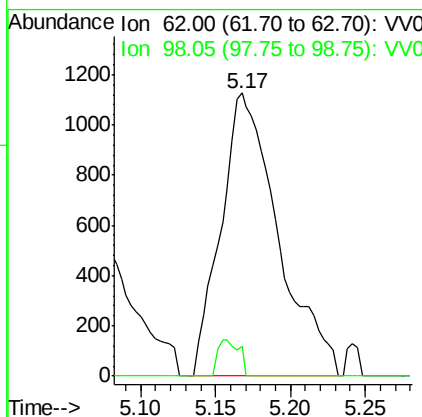
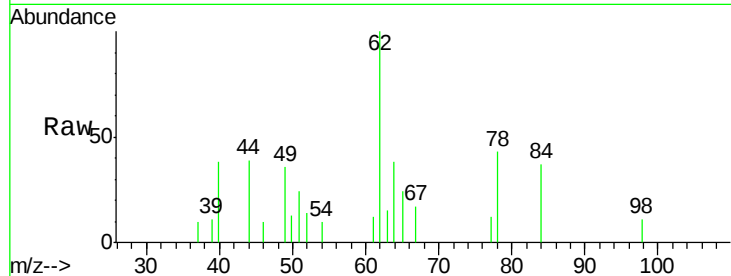
#27
 1,2-Dichloroethane
 Concen: 0.270 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion	Ratio	Resp	Lower	Upper
62	100	2999		
98	10.6		6.7	10.1#

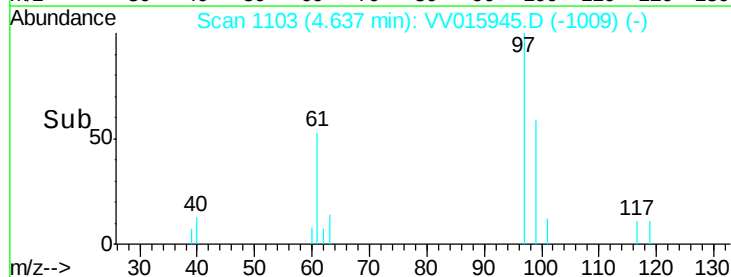
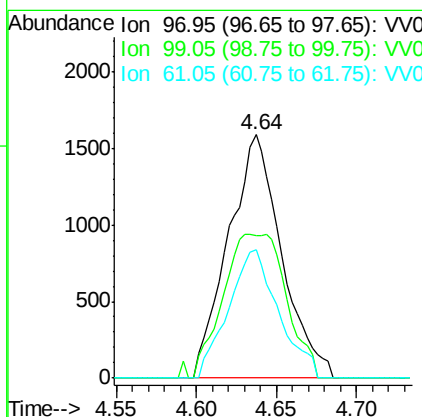
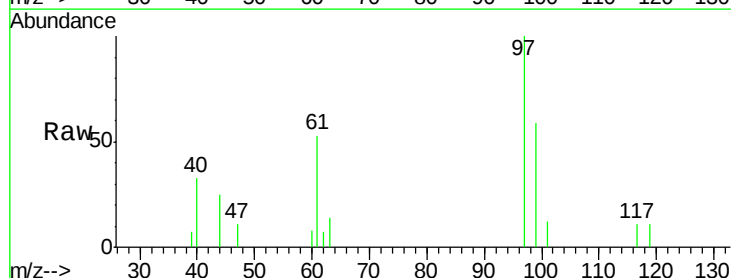
Manual Integrations
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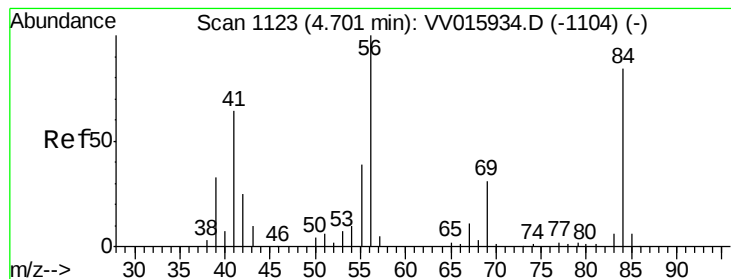
apatel
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#29
 1,1,1-Trichloroethane
 Concen: 0.238 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	3628		
99	69.8		50.7	76.1
61	49.2		38.8	58.2





#30

Cyclohexane

Concen: 0.246 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

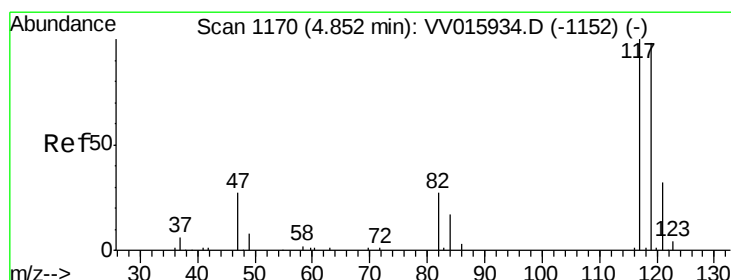
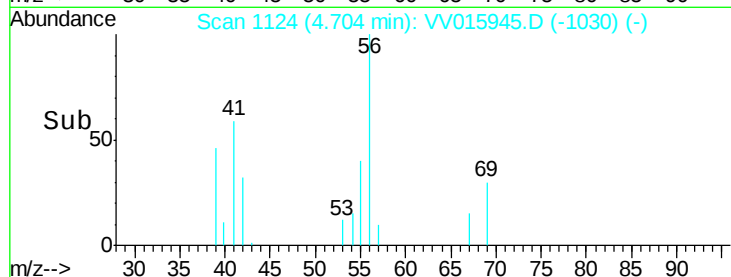
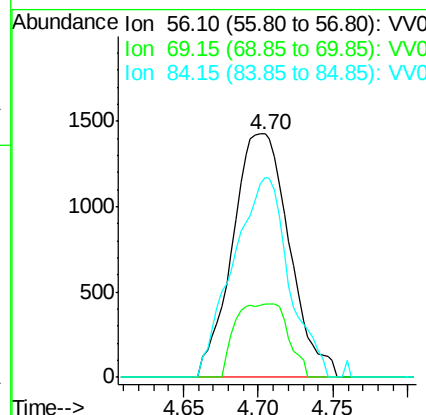
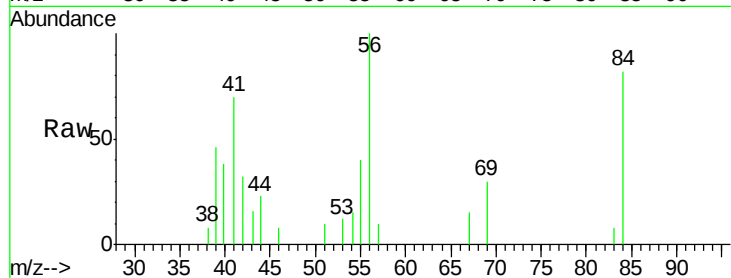
ClientSampled :

MDL07

Tot Ion:	56	Resp:	3760
Ion	Ratio	Lower	Upper
56	100		
69	28.1	24.2	36.2
84	80.7	68.3	102.5

Manual Integrations
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#31

Carbon tetrachloride

Concen: 0.233 ug/L

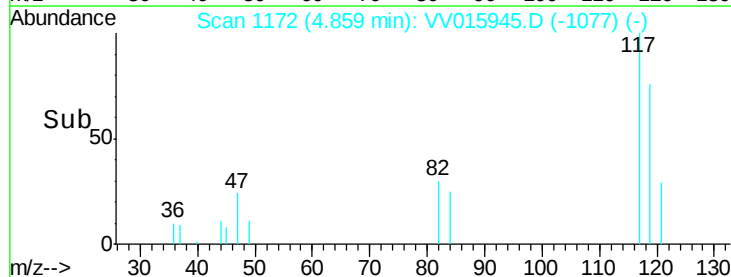
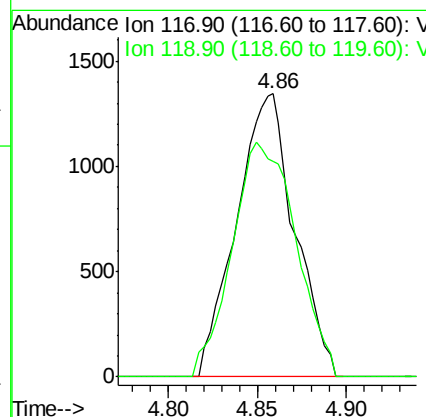
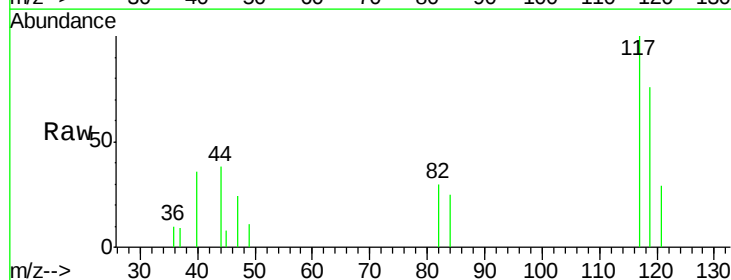
RT: 4.86 min Scan# 1172

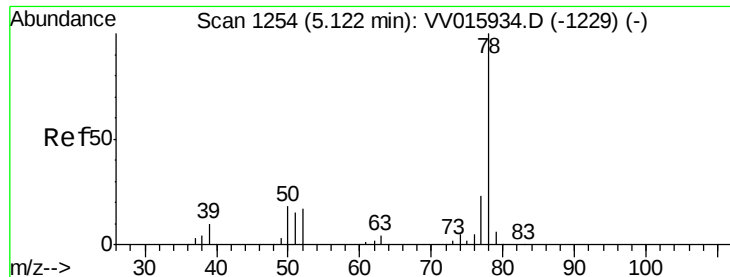
Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Tgt Ion:	117	Resp:	3061
Ion	Ratio	Lower	Upper
117	100		
119	90.9	77.3	115.9





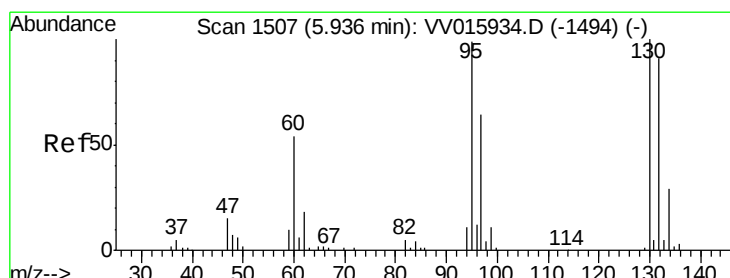
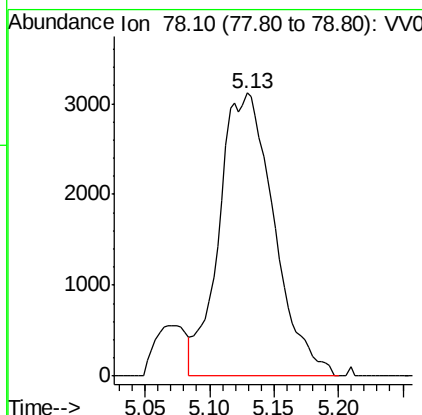
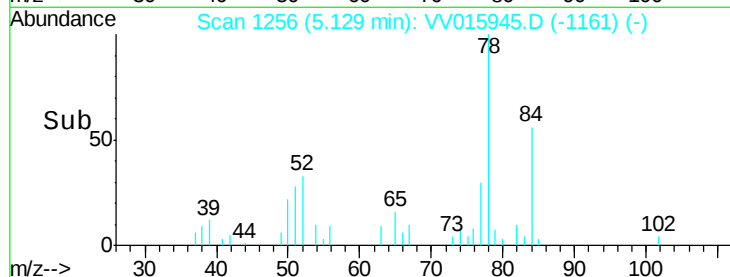
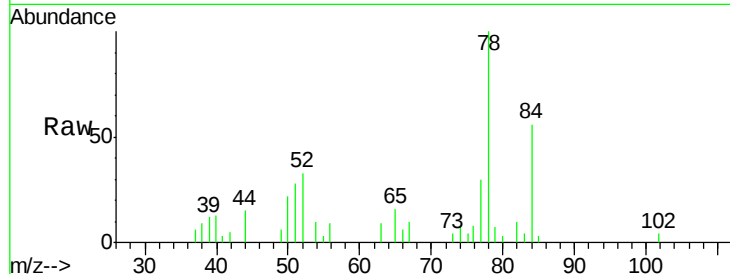
#33
Benzene
Concen: 0.264 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 78 Resp: 9186

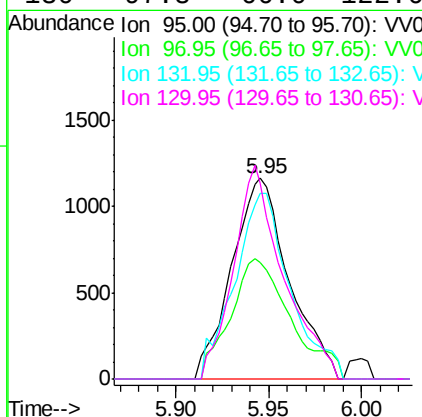
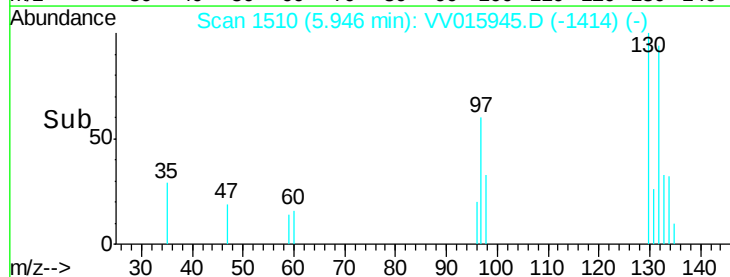
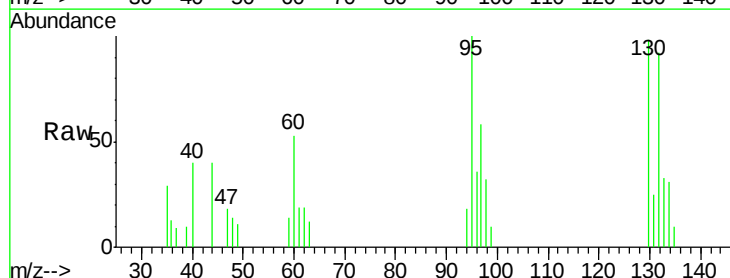
Manual Integrations
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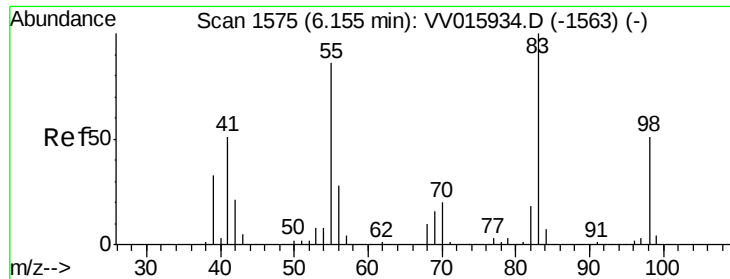
apatel
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#34
Trichloroethene
Concen: 0.251 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion: 95 Resp: 2494
Ion Ratio Lower Upper
95 100
97 58.4 43.3 80.5
132 92.3 60.3 112.1
130 97.8 66.0 122.6





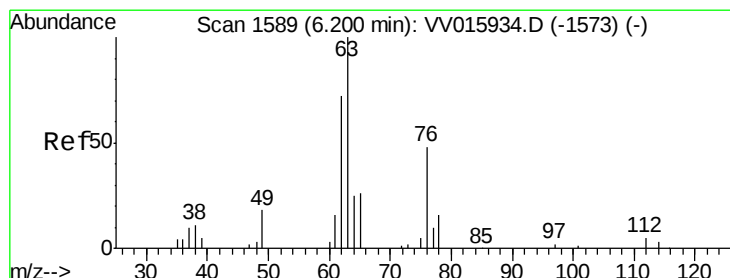
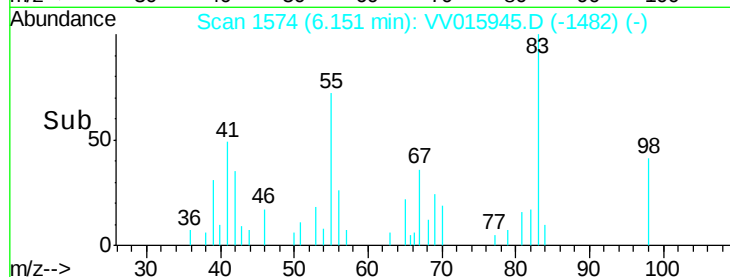
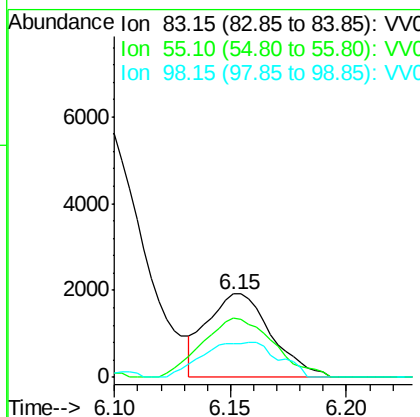
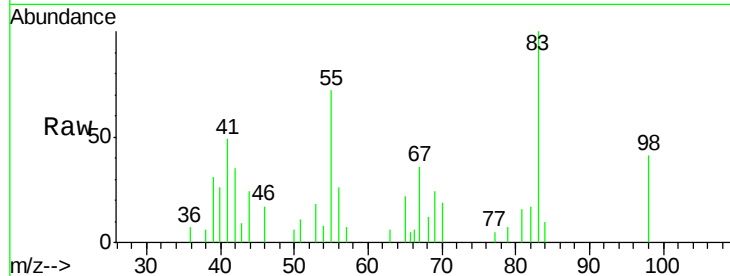
#35
Methvlcvclohexane
Concen: 0.246 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion	83	Resp	3691
Ion Ratio	100	Lower	Upper
83	100	66.2	99.2
55	79.7	37.9	56.9
98	49.3		

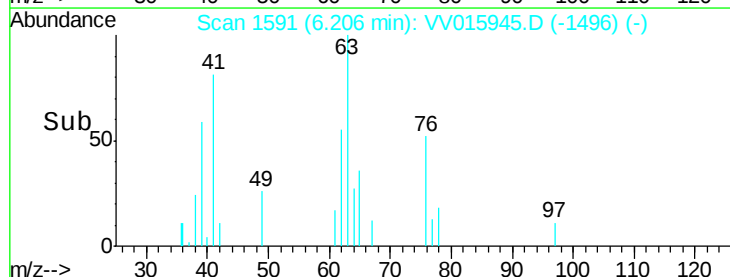
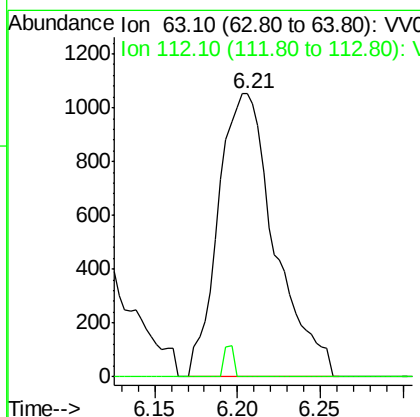
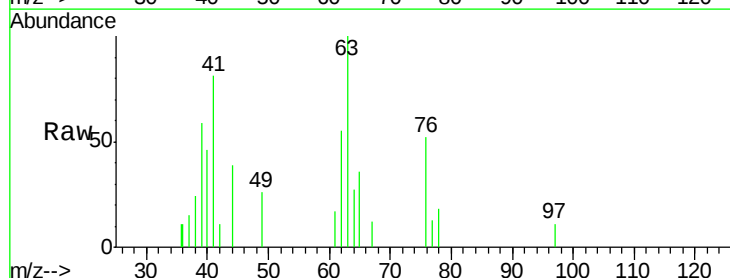
Manual Integrations
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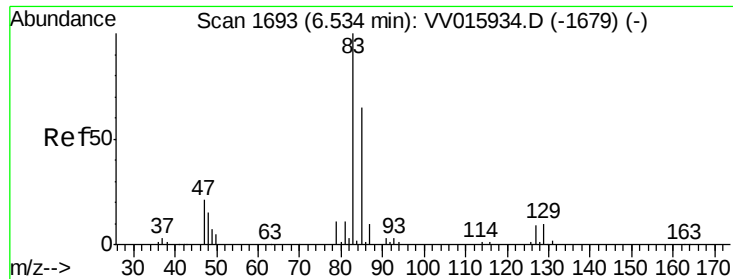
apatel
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#37
1,2-Dichloropropane
Concen: 0.281 ug/L
RT: 6.21 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion	63	Resp	2488
Ion Ratio	100	Lower	Upper
63	100	3.4	5.0#
112	1.8		





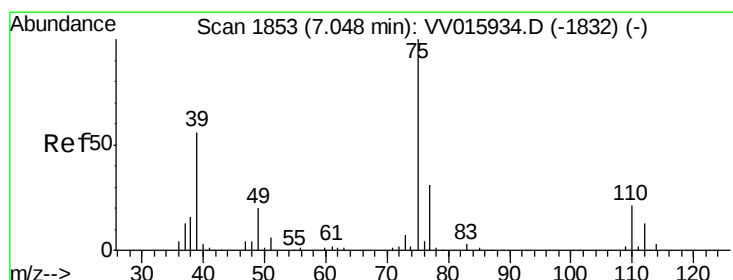
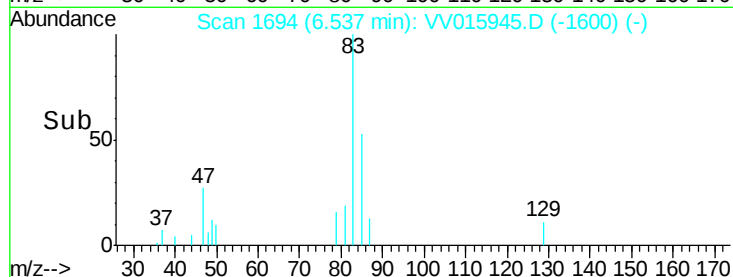
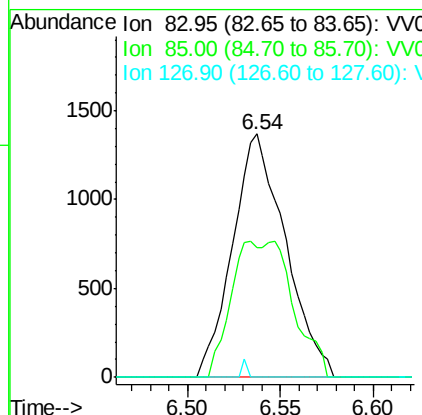
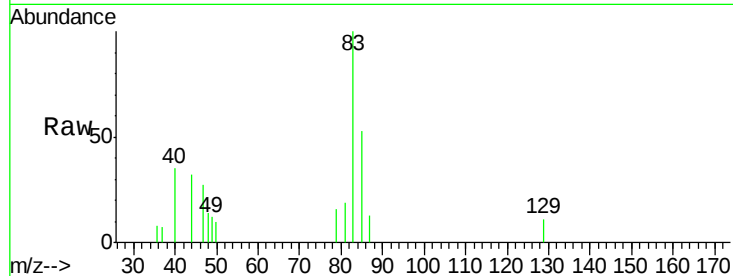
#38
Bromodichloromethane
Concen: 0.242 ug/L
RT: 6.54 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion	83	Resp	2721
Ion Ratio	100	Lower	Upper
83	100		
85	53.4	45.5	84.5
127	0.0	6.2	9.4#

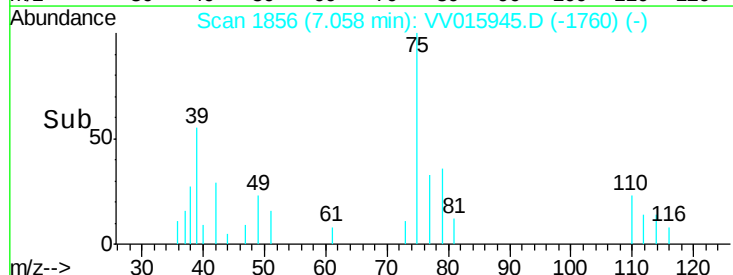
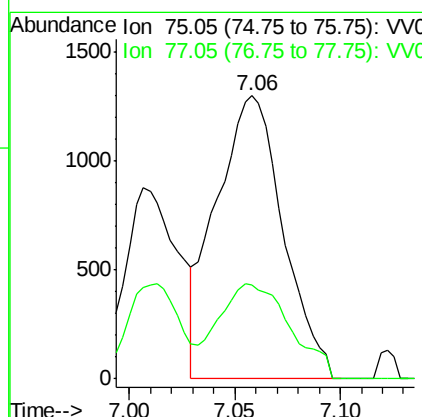
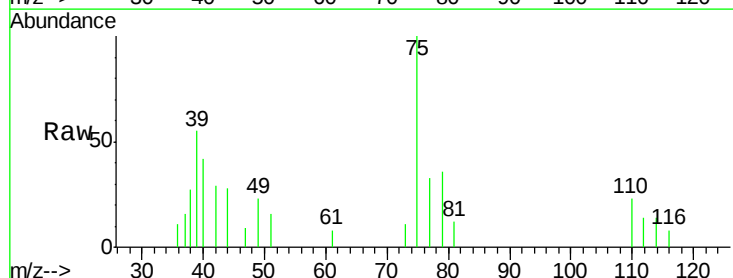
Manual Integrations
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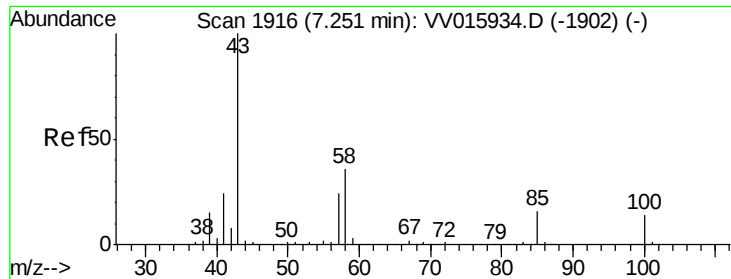
apatel
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#39
cis-1,3-Dichloropropene
Concen: 0.230 ug/L
RT: 7.06 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion	75	Resp	2872
Ion Ratio	100	Lower	Upper
75	100		
77	33.1	21.3	39.5





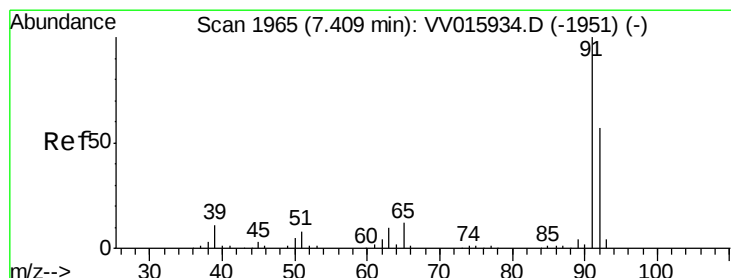
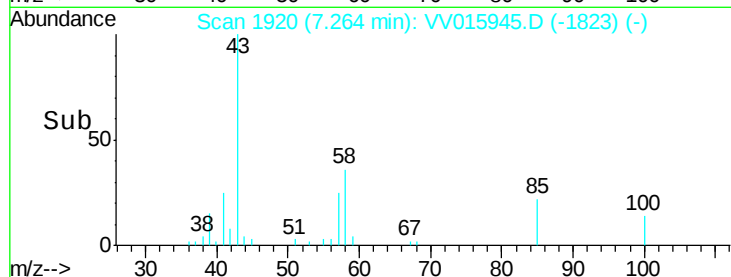
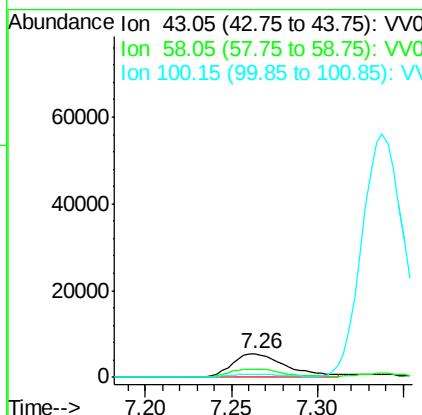
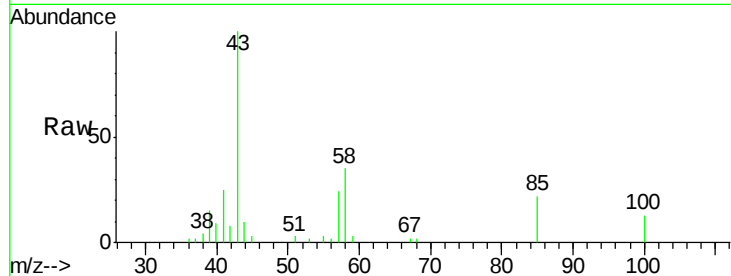
#40
4-Methyl-2-pentanone
Concen: 2.189 ug/L
RT: 7.26 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.4	29.0	43.4
100	0.0	10.9	16.3

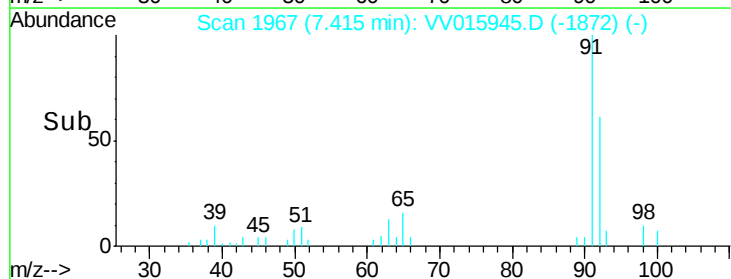
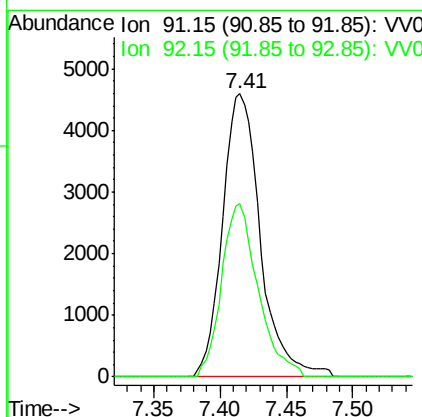
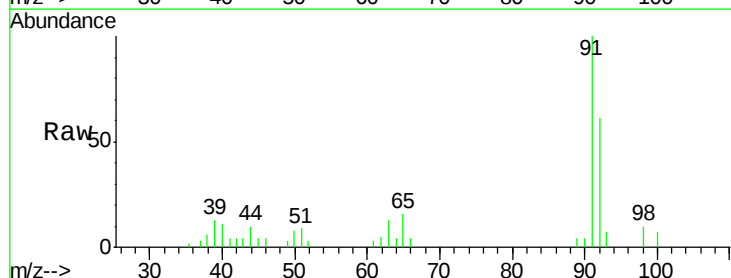
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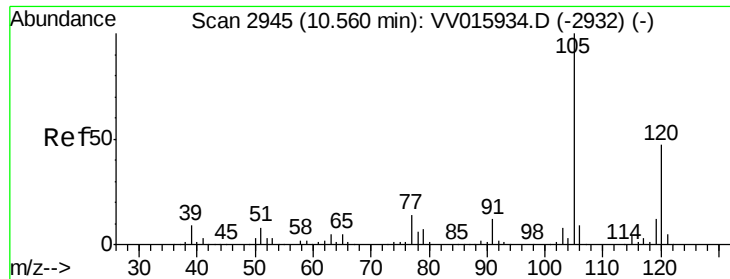
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#42
Toluene
Concen: 0.248 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.0	40.1	74.5





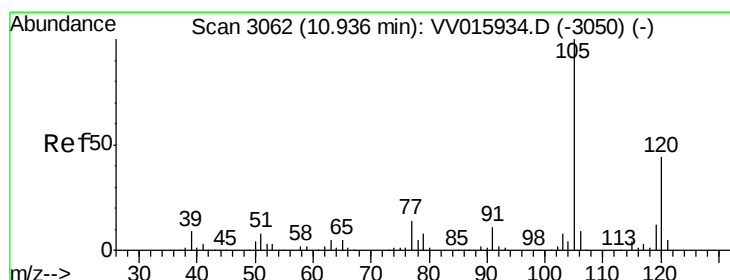
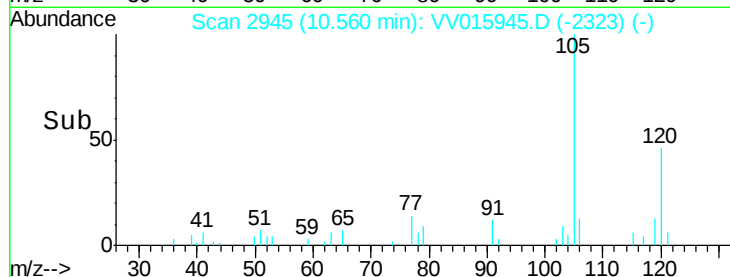
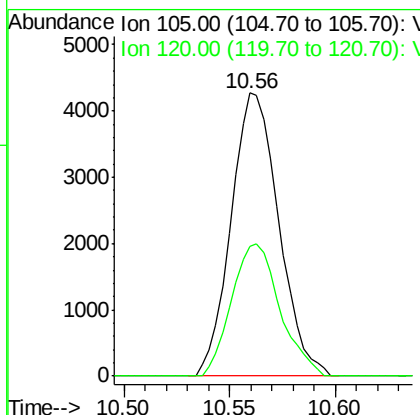
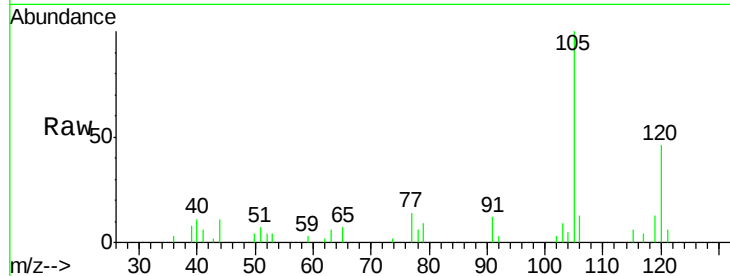
#43
 1,3,5-Trimethylbenzene
 Concen: 0.198 ug/L
 RT: 10.56 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion:105 Resp: 6701
 Ion Ratio Lower Upper
 105 100
 120 47.3 0.0 0.0#

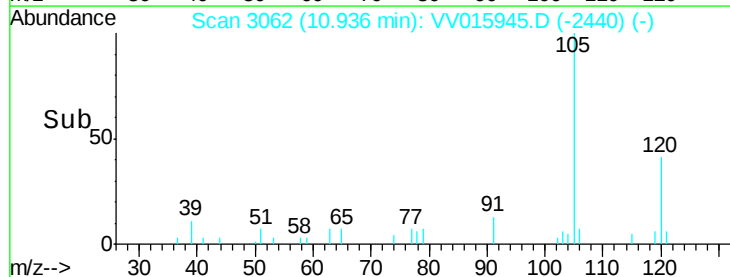
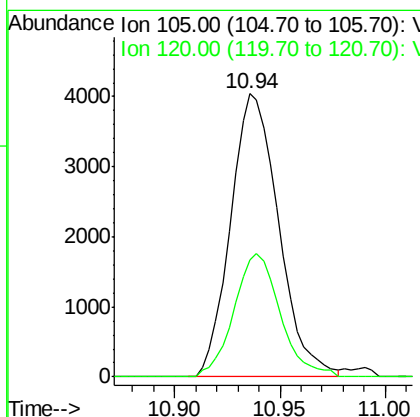
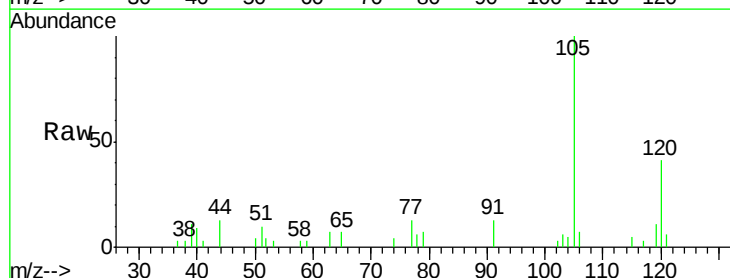
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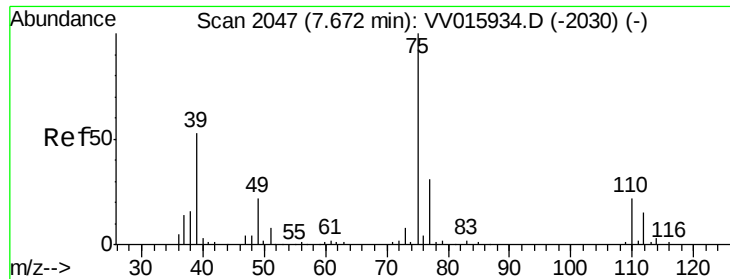
apatel
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#44
 1,2,4-Trimethylbenzene
 Concen: 0.189 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Tgt Ion:105 Resp: 6402
 Ion Ratio Lower Upper
 105 100
 120 41.9 0.0 0.0#





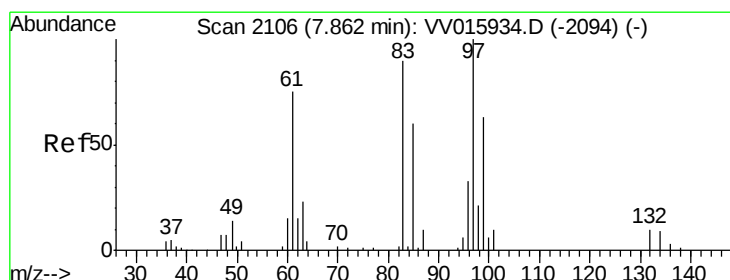
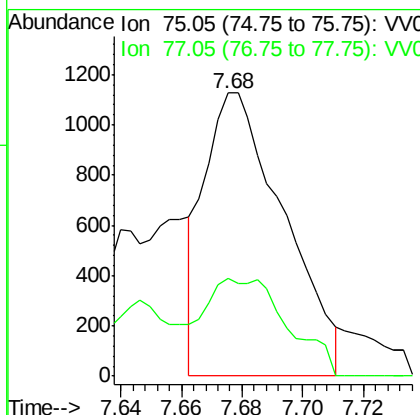
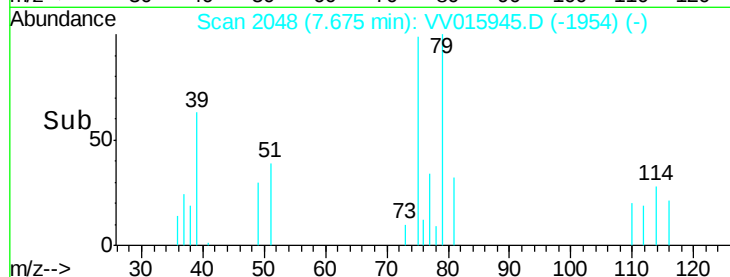
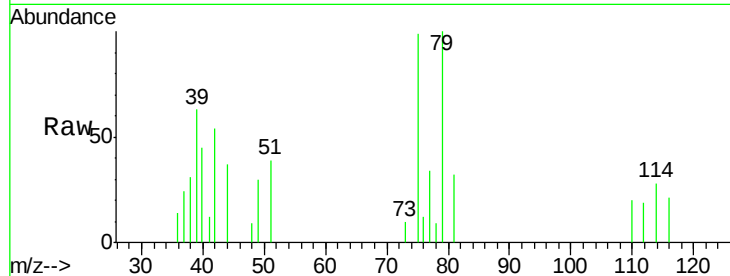
#46
trans-1,3-Dichloropropene
Concen: 0.194 ug/L m
RT: 7.68 min Scan# 2048
Delta R.T. 0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion: 75 Resp: 2045
Ion Ratio Lower Upper
75 100
77 34.5 21.3 39.6

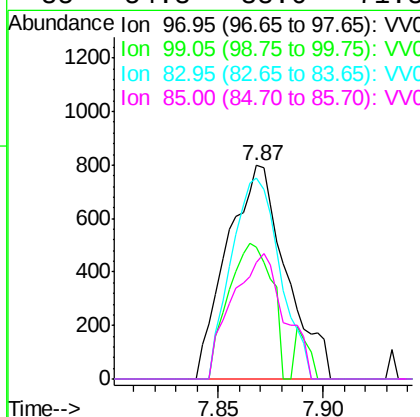
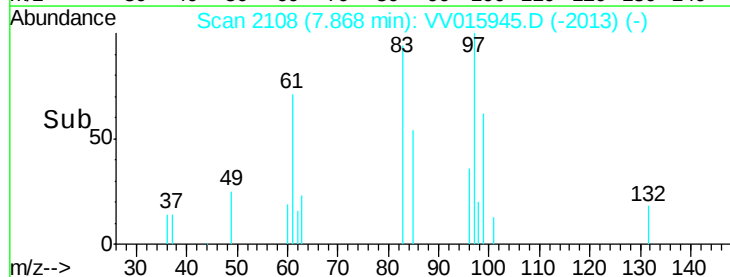
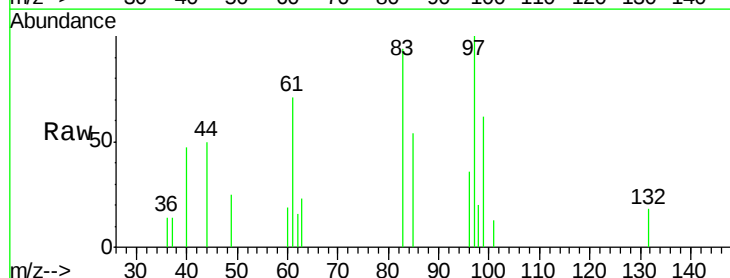
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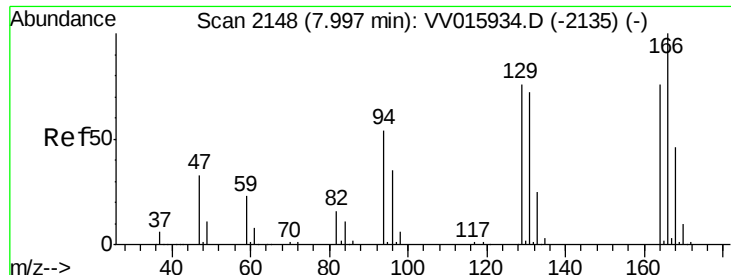
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#47
1,1,2-Trichloroethane
Concen: 0.264 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion: 97 Resp: 1556
Ion Ratio Lower Upper
97 100
99 62.0 42.1 78.1
83 93.9 59.2 110.0
85 54.3 38.6 71.8





#49

Tetrachloroethene

Concen: 0.216 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tot Ion:164 Resp: 1498

Ion Ratio Lower Upper

164 100

129 125.3 69.7 129.4

131 110.6 66.8 124.2

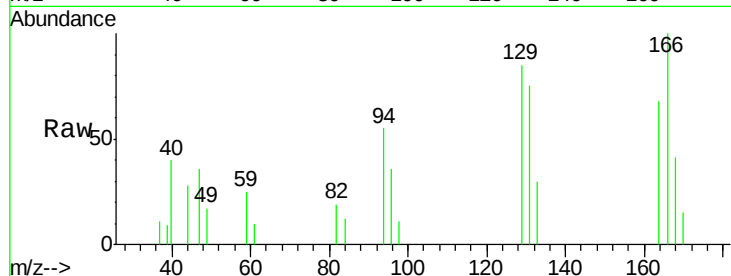
166 147.6 89.1 165.5

Manual Integrations

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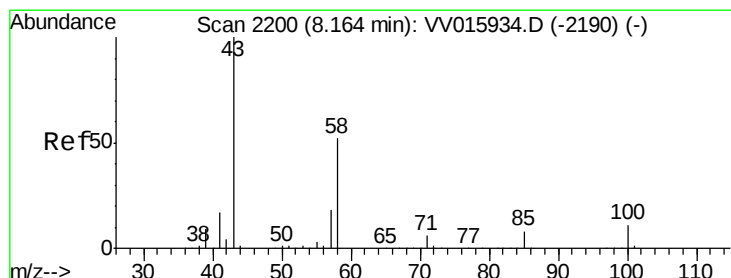
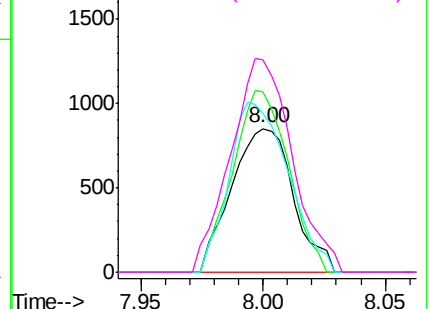
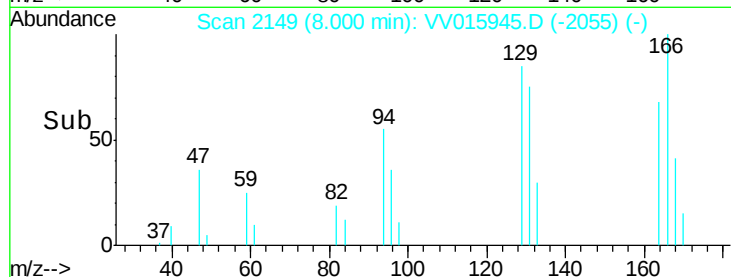


Abundance Ion 163.90 (163.60 to 164.60): V

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: 4.075 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Tgt Ion: 43 Resp: 15878

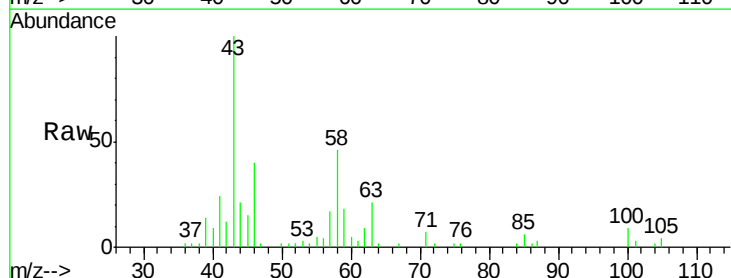
Ion Ratio Lower Upper

43 100

58 43.7 40.8 61.2

57 16.9 14.7 22.1

100 10.5 9.0 13.6

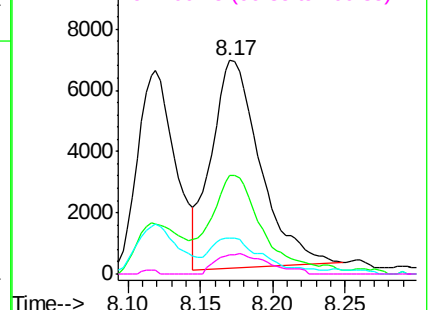
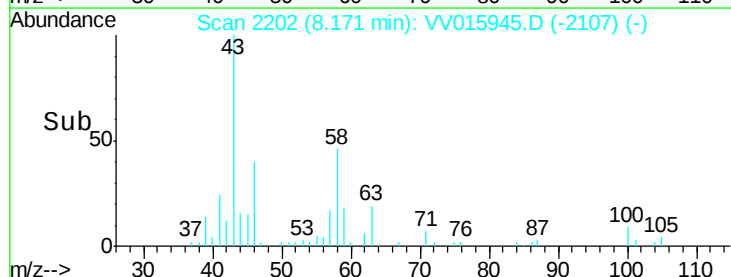


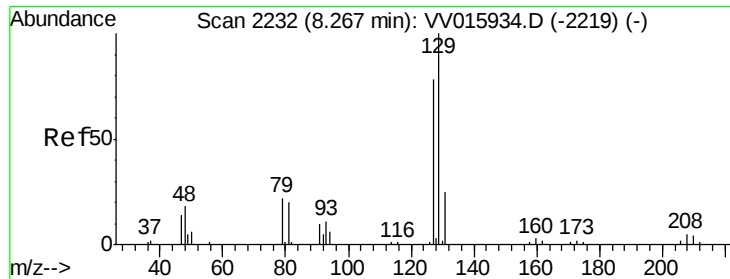
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





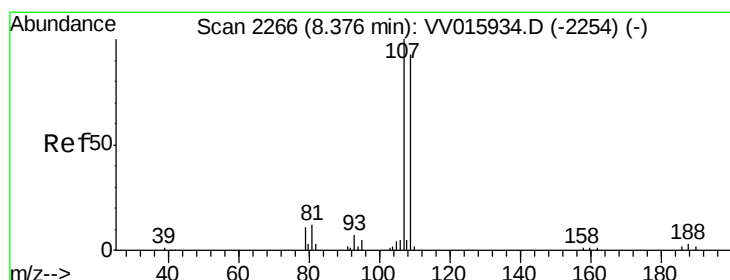
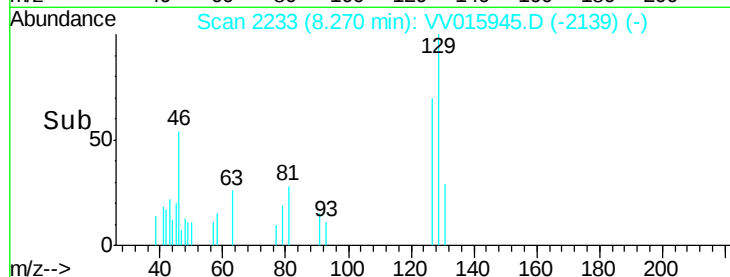
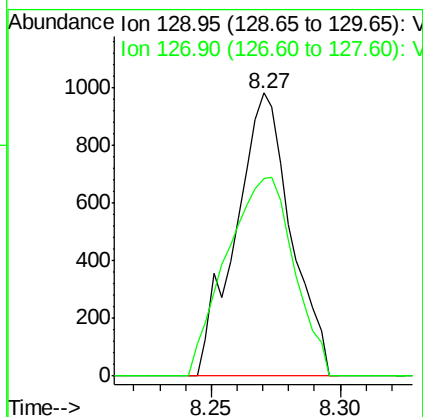
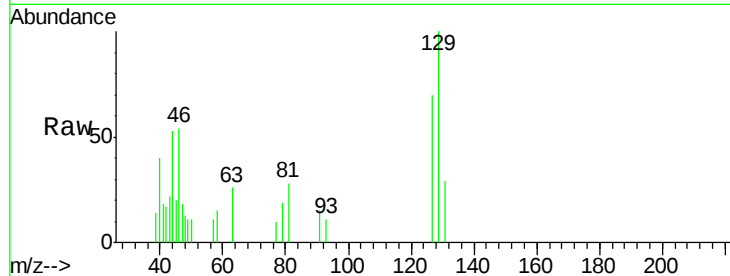
#51
 Dibromochloromethane
 Concen: 0.222 ug/L
 RT: 8.27 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion:129 Resp: 1470
 Ion Ratio Lower Upper
 129 100
 127 69.7 56.0 104.0

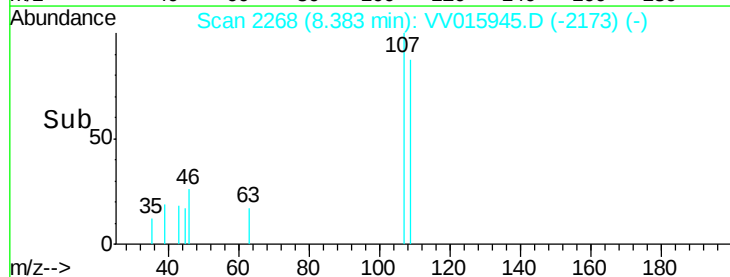
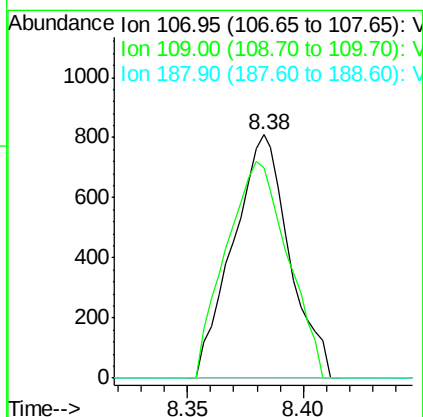
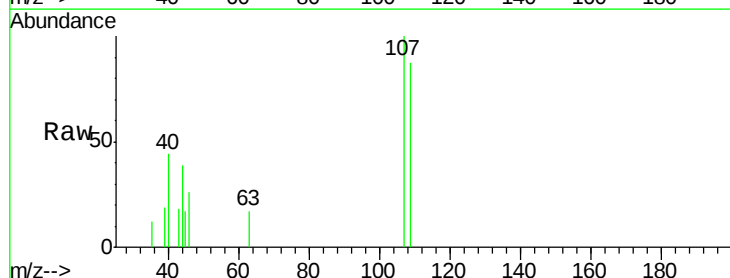
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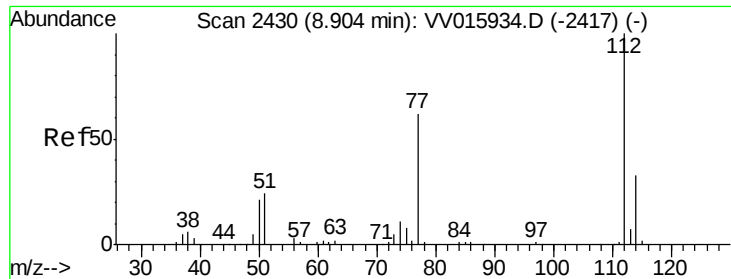
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#52
 1,2-Dibromoethane
 Concen: 0.249 ug/L
 RT: 8.38 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Tgt Ion:107 Resp: 1366
 Ion Ratio Lower Upper
 107 100
 109 86.7 68.9 127.9
 188 0.0 2.7 4.1#





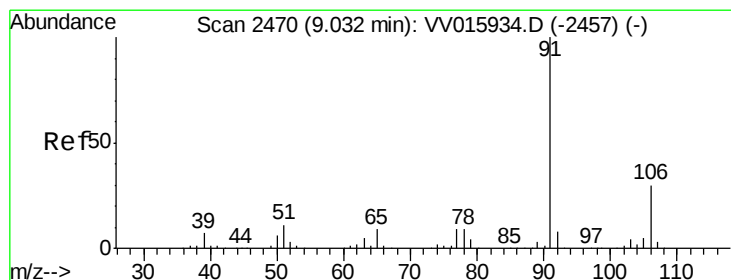
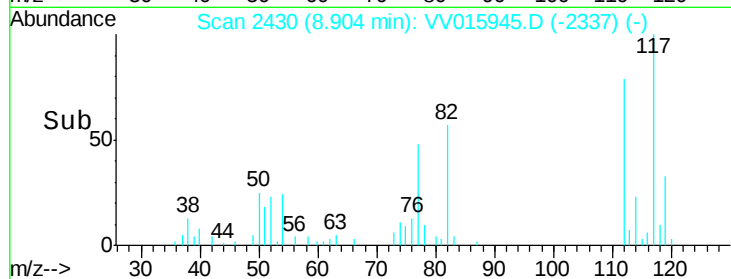
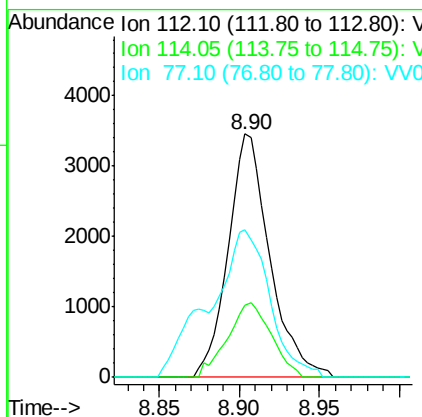
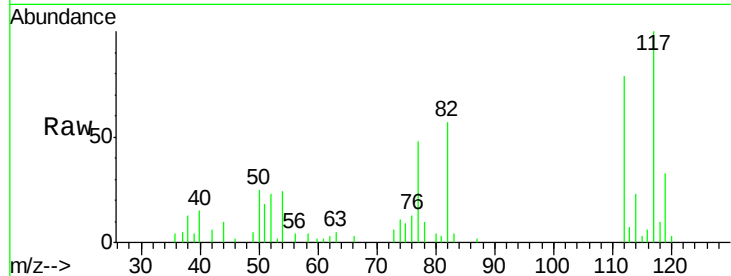
#53
Chlorobenzene
Concen: 0.259 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.4	21.6	40.0
77	60.4	48.6	73.0

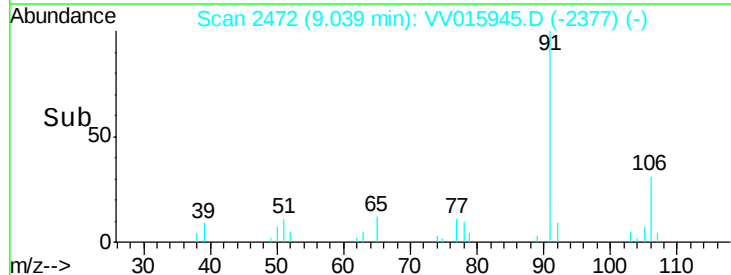
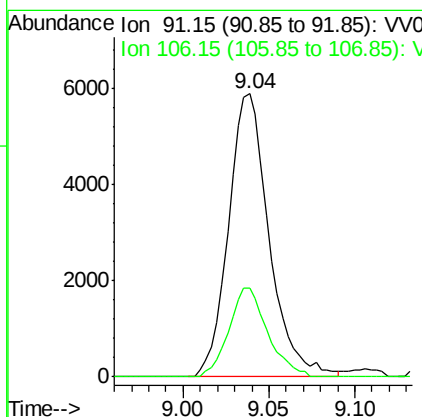
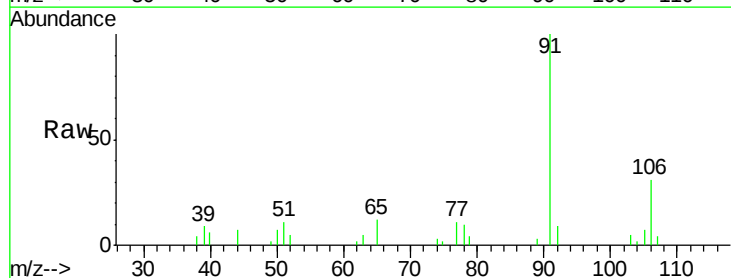
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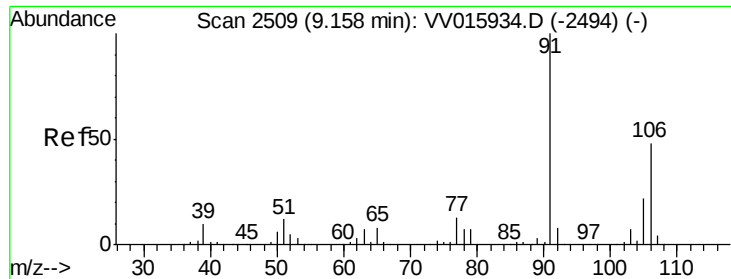
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#54
Ethylbenzene
Concen: 0.231 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 17:31

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	20.6	38.4





#55

m,p-xylene

Concen: 0.221 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion:106 Resp: 3425

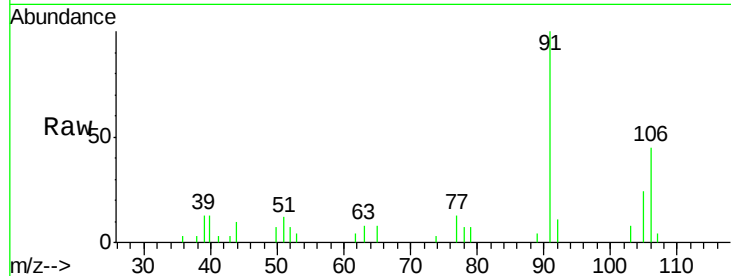
Ion Ratio Lower Upper

106 100

91 224.2 149.9 278.3

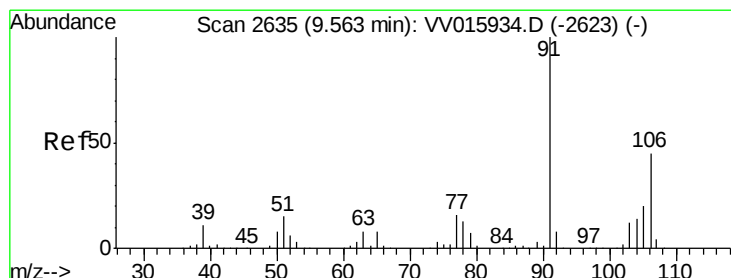
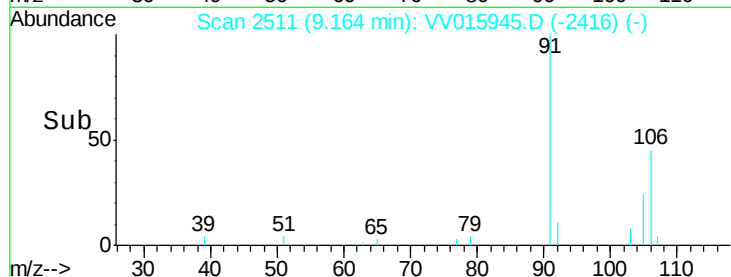
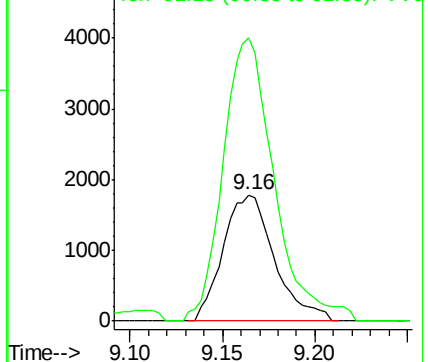
Manual Integrations
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.203 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015945.D

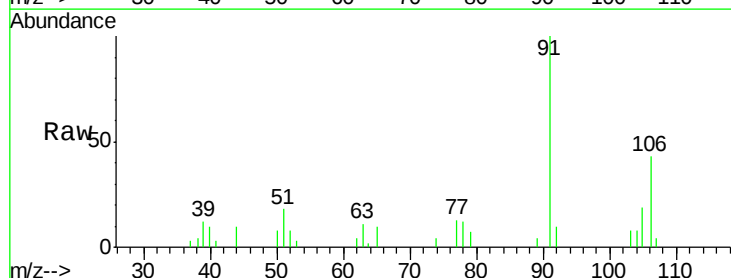
Acq: 07 May 2020 17:31

Tgt Ion:106 Resp: 3008

Ion Ratio Lower Upper

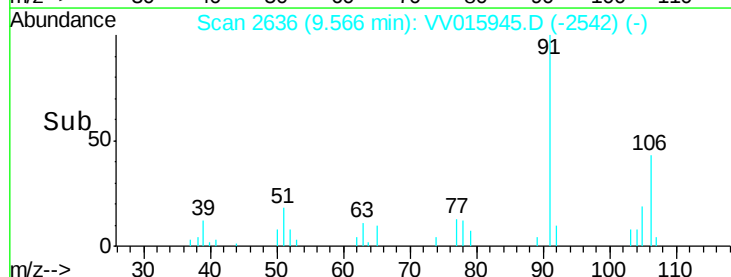
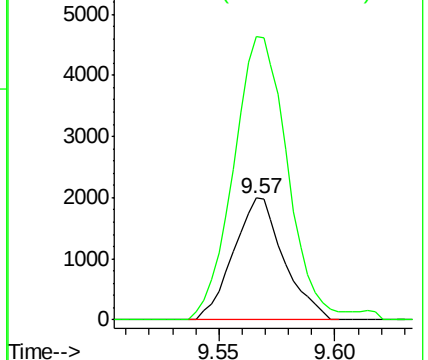
106 100

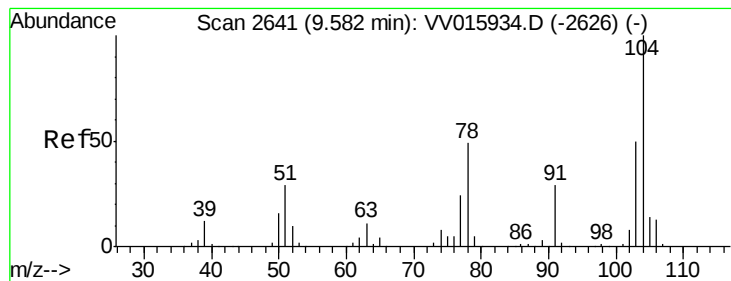
91 232.8 159.7 296.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#57

Stvrene

Concen: 0.203 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion:104 Resp: 5044

Ion Ratio Lower Upper

104 100

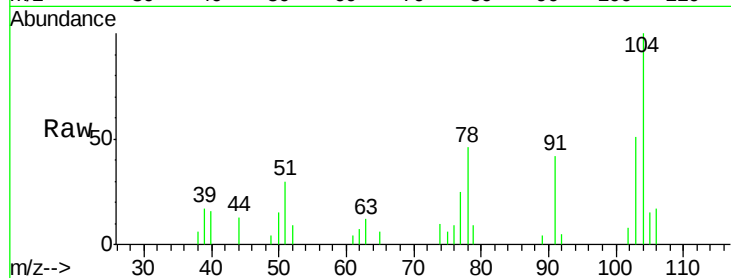
78 46.3 33.9 63.0

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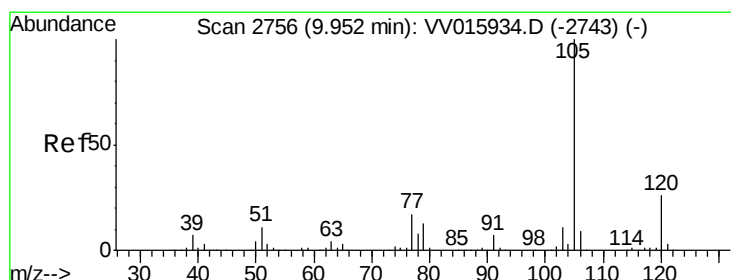
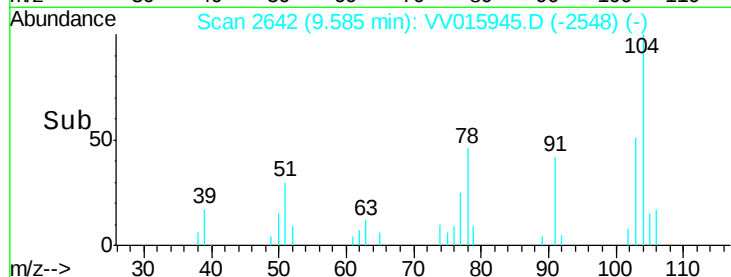
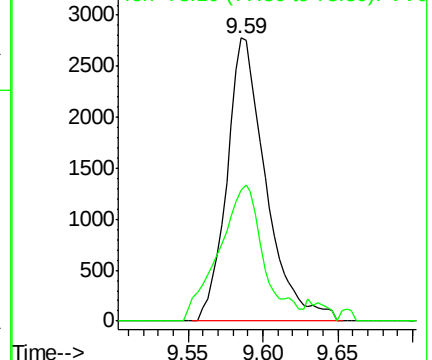
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Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#58

Isopropylbenzene

Concen: 0.239 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

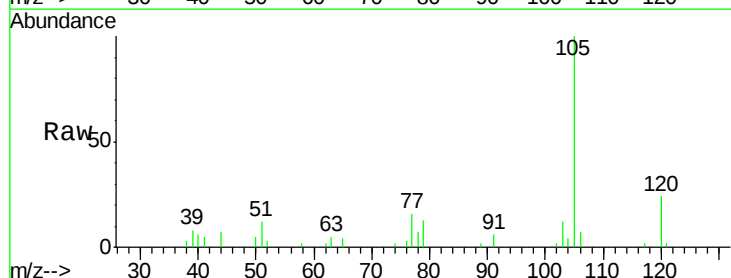
Tgt Ion:105 Resp: 9742

Ion Ratio Lower Upper

105 100

120 24.8 20.8 31.2

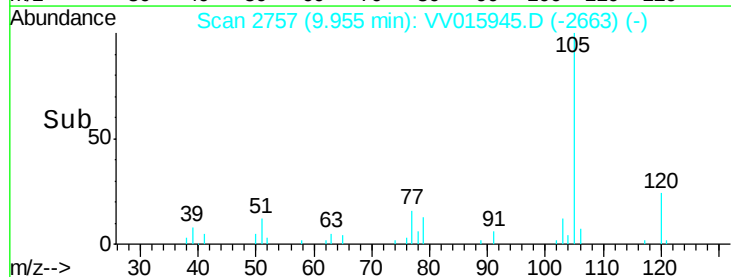
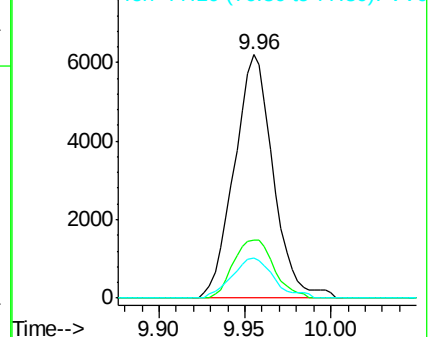
77 17.6 14.1 21.1

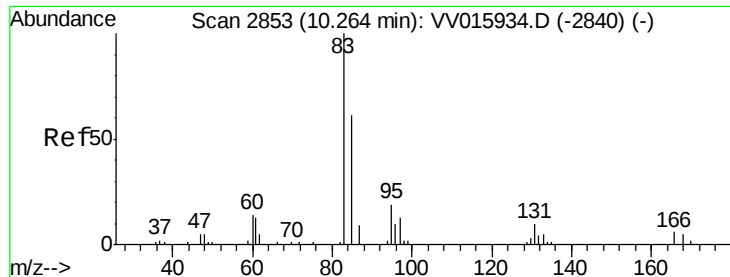


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





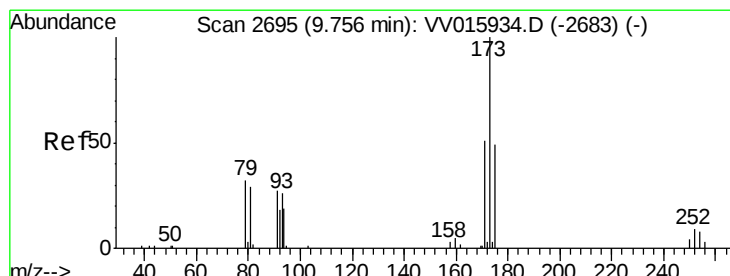
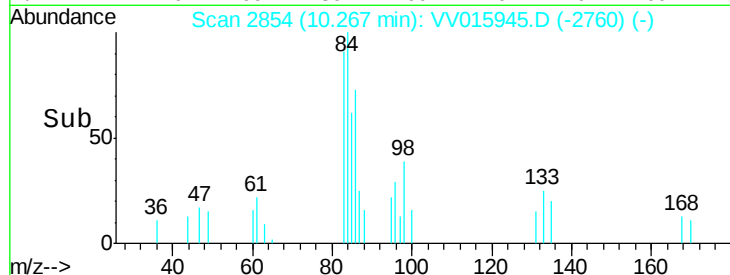
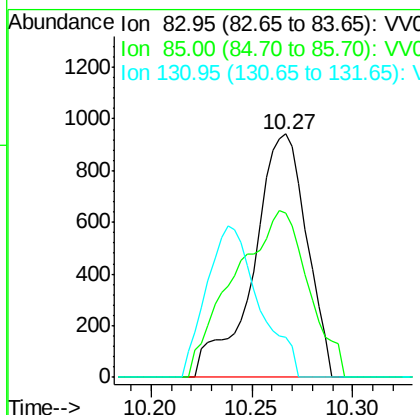
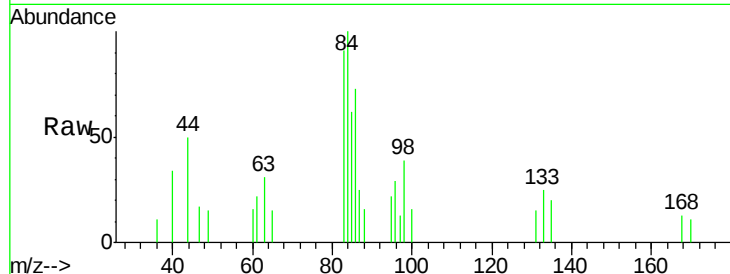
#60
 1,1,2,2-Tetrachloroethane
 Concen: 0.273 ug/L
 RT: 10.27 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion	Ratio	Resp	Lower	Upper
83	100	1725		
85	67.7	44.0	81.6	
131	16.3	7.7	11.5#	

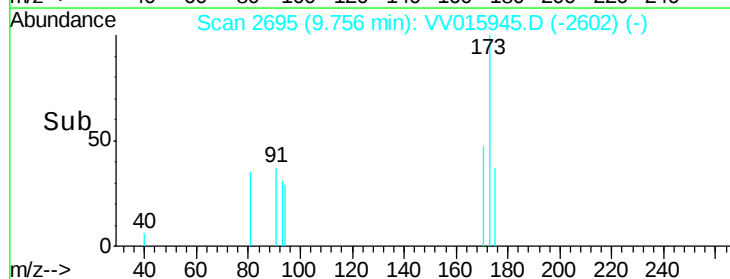
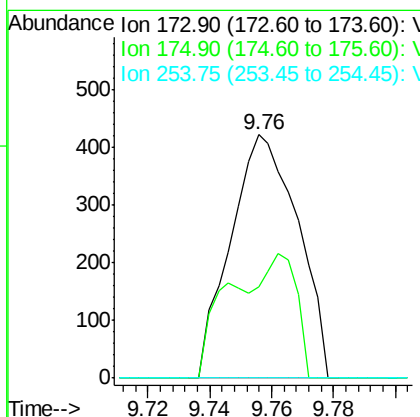
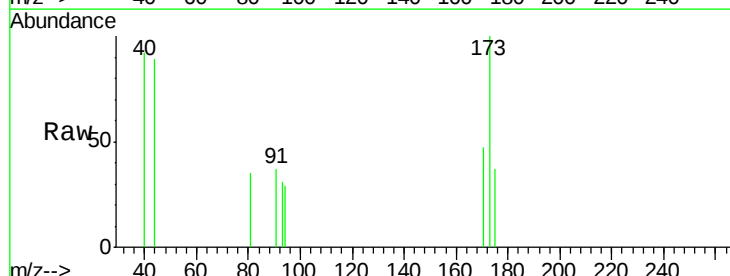
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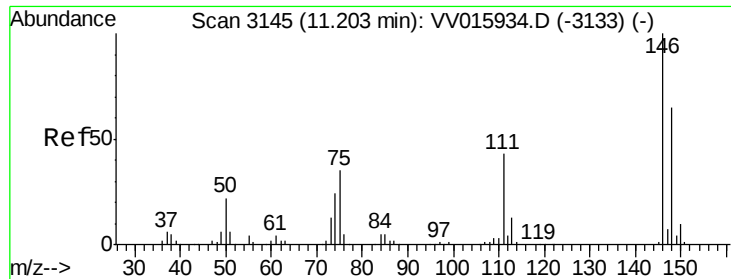
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#62
 Bromoform
 Concen: 0.212 ug/L
 RT: 9.76 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	635		
175	27.6	39.8	59.8#	
254	0.0	7.1	10.7#	





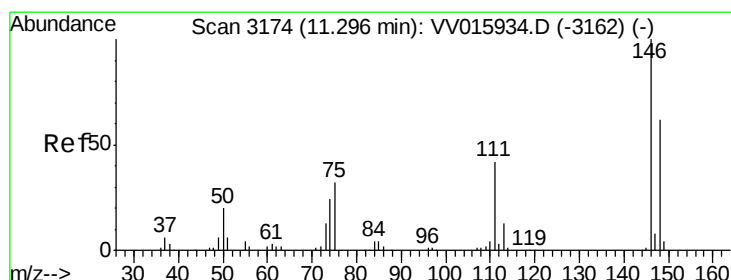
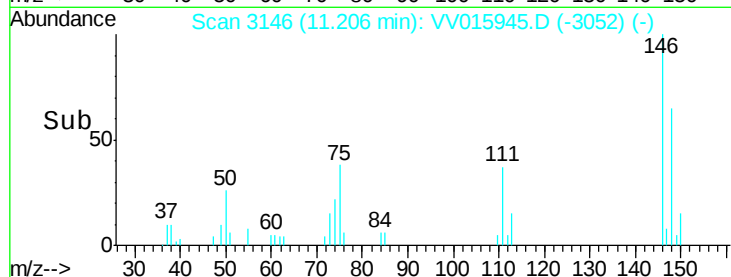
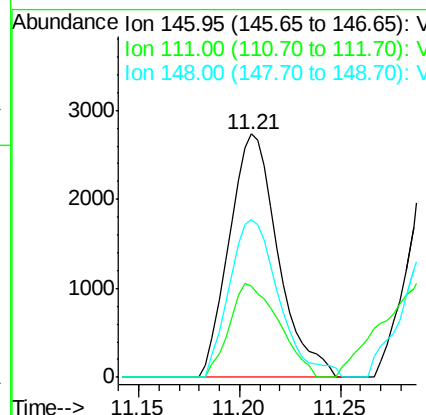
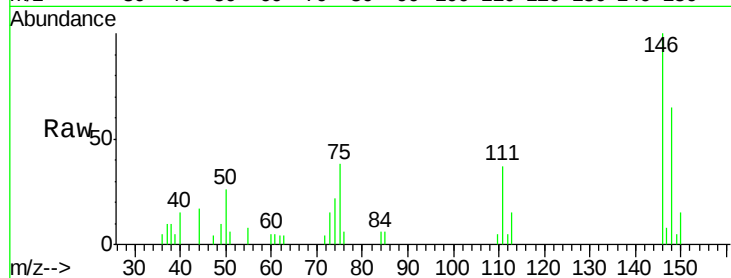
#63
 1,3-Dichlorobenzene
 Concen: 0.263 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	28.7	53.3
148	65.0	44.0	81.8

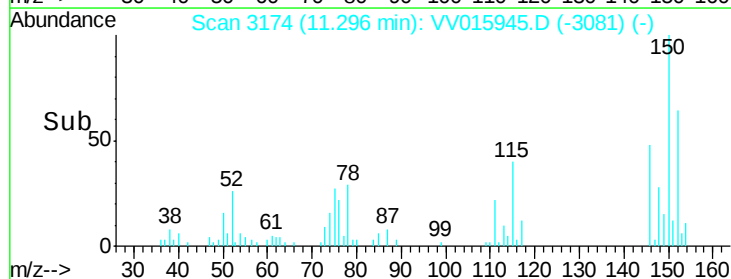
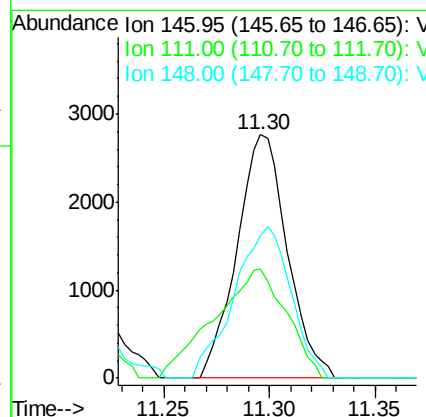
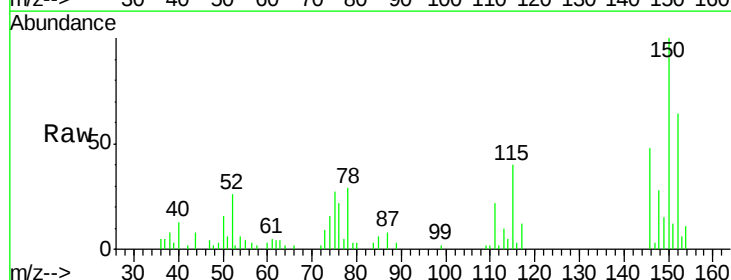
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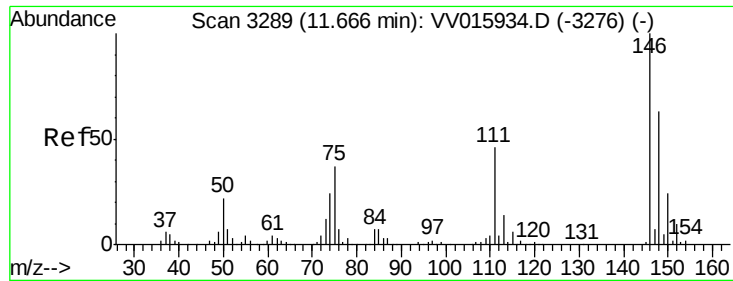
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#64
 1,4-Dichlorobenzene
 Concen: 0.260 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	28.9	53.7
148	58.6	44.6	82.8





#66

1,2-Dichlorobenzene

Concen: 0.277 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Instrument :

MSVOA_V

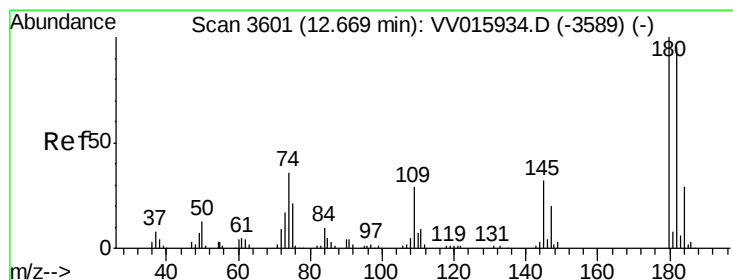
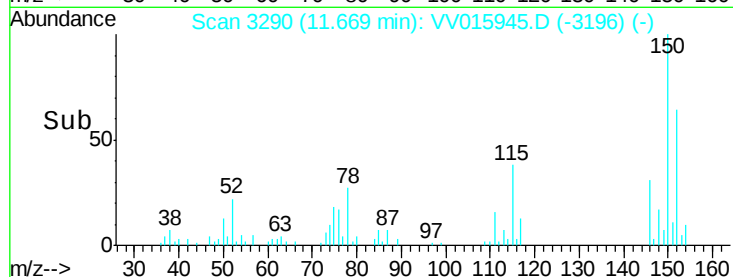
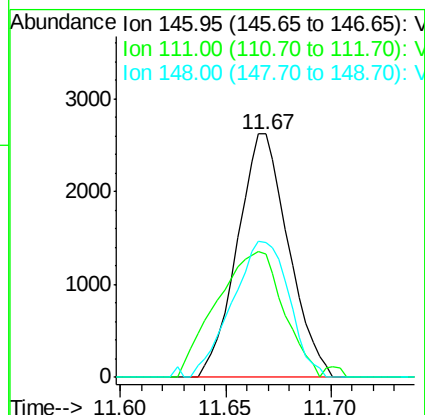
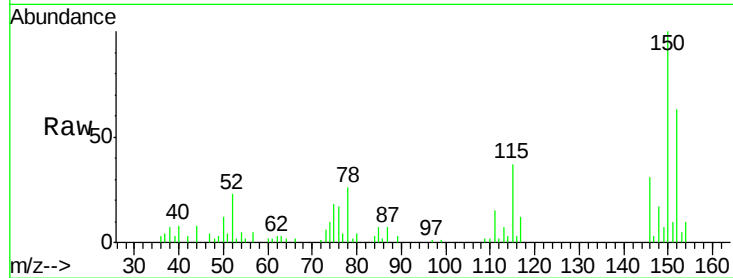
ClientSampled :

MDL07

Tot Ion:	146	Resp:	4403
Ion Ratio	Lower	Upper	
146	100		
111	50.5	37.0	55.4
148	55.5	49.8	74.6

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#68

1,3,5-Trichlorobenzene

Concen: 0.254 ug/L

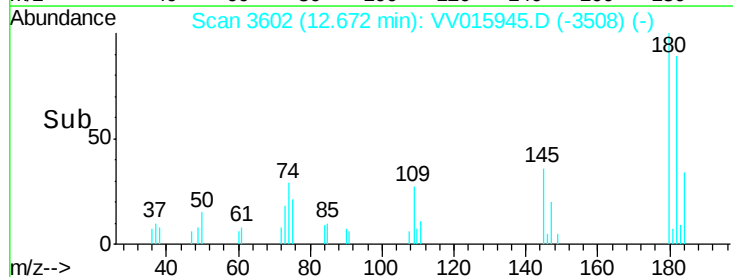
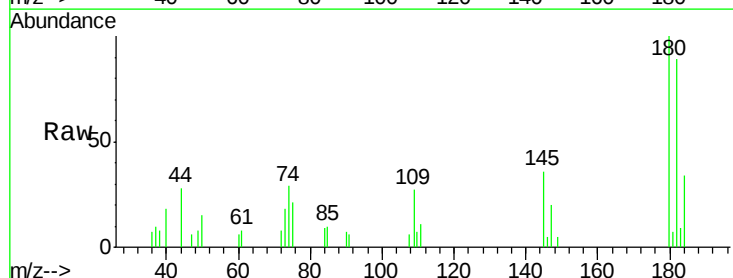
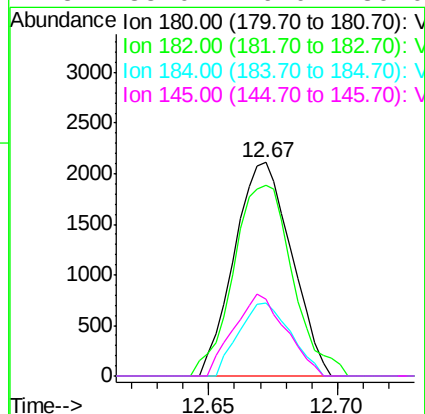
RT: 12.67 min Scan# 3602

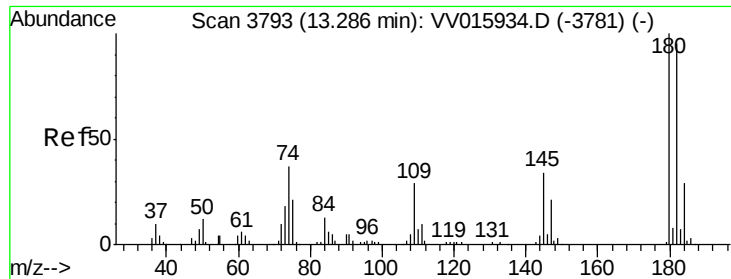
Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 17:31

Tgt Ion:	180	Resp:	3265
Ion Ratio	Lower	Upper	
180	100		
182	92.5	75.8	113.6
184	31.1	24.6	36.8
145	35.0	26.0	39.0





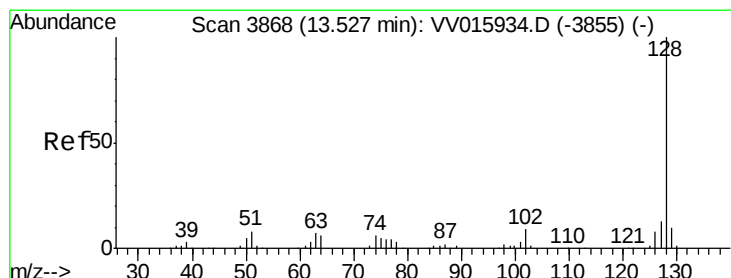
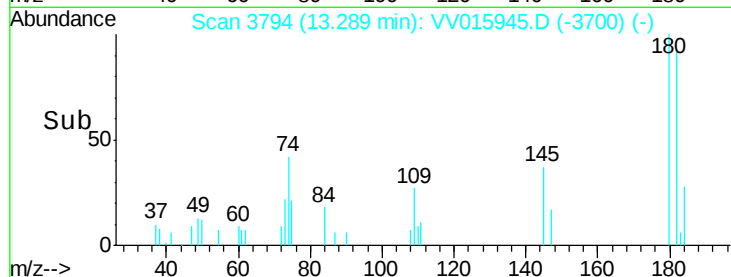
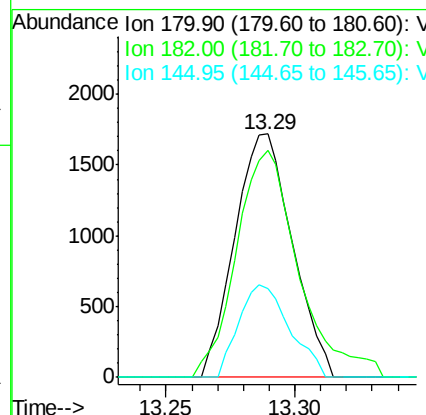
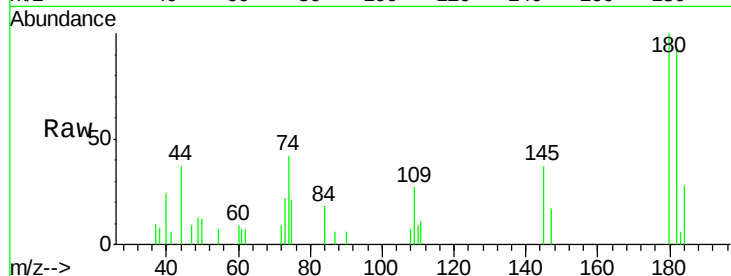
#69
 1,2,4-trichlorobenzene
 Concen: 0.243 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.7	115.1
145	33.8	26.4	39.6

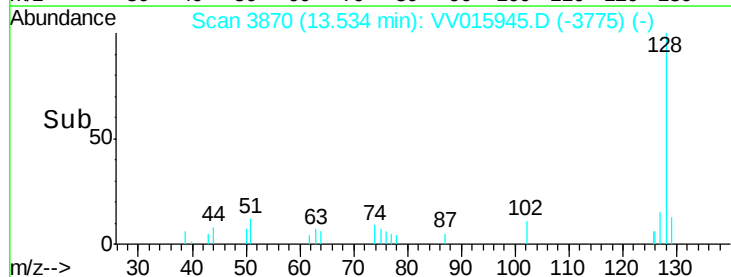
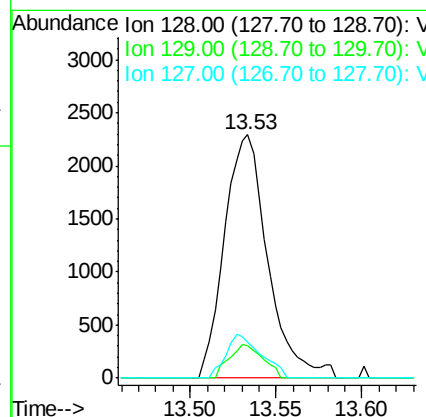
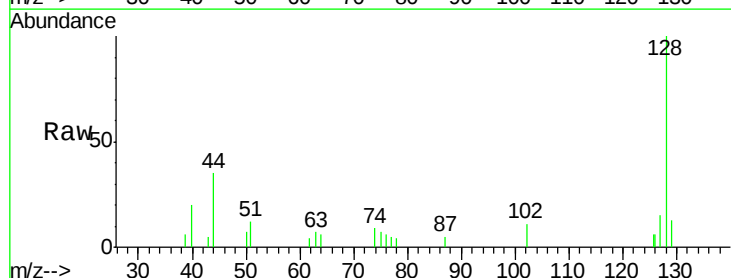
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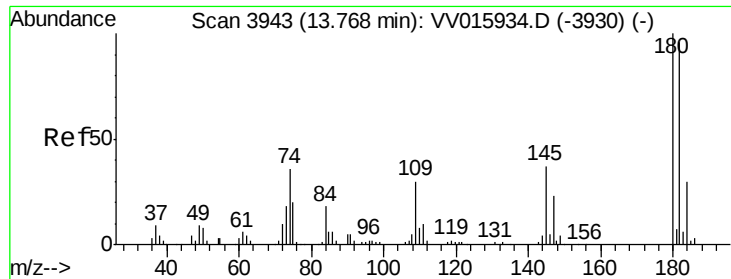
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#70
 Naphthalene
 Concen: 0.230 ug/L
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	14.4	10.2	15.2





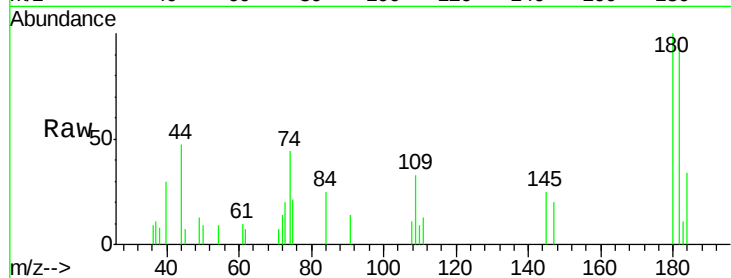
#71
 1,2,3-Trichlorobenzene
 Concen: 0.247 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 17:31

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.0	115.6
145	28.6	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

