

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015939.D
 Acq On : 07 May 2020 14:46
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

apatel
 5/8/2020 12:58:04 PM

Quant Time: May 08 05:36:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 05:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142334	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39360	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	36741	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	63881	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.97	46	115575	51.63	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.38	84	84157	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	51454	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.08	84	174207	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.10	67	55375	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.34	98	159950	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
45) trans-1,3-Dichloropropene-	7.65	79	20134	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
48) 2-Hexanone-d5	8.12	63	89892	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37809	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	60351	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	2797	0.252 ug/L	100
3) Chloromethane	1.24	50	3196	0.285 ug/L	94
5) Vinyl chloride	1.32	62	2897	0.270 ug/L #	61
6) Bromomethane	1.53	94	1814	0.298 ug/L	98
8) Chloroethane	1.60	64	2634	0.345 ug/L	84
9) Trichlorofluoromethane	1.76	101	3706	0.252 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2794	0.336 ug/L #	86
12) 1,1-Dichloroethene	2.13	96	2678	0.336 ug/L #	1
13) Acetone	2.26	43	2917m	1.976 ug/L	
14) Carbon disulfide	2.31	76	6715	0.256 ug/L #	90
16) Methylene chloride	2.52	84	3166	0.332 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	5221	0.252 ug/L #	86
18) trans-1,2-Dichloroethene	2.78	96	2333	0.265 ug/L	93
19) 1,1-Dichloroethane	3.22	63	4677	0.276 ug/L	93
21) 2-Butanone	4.06	43	3373m	1.500 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	2431	0.264 ug/L	99
23) Bromochloromethane	4.28	128	880	0.224 ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.40	83	12593	0.675	ug/L	97
27) 1,2-Dichloroethane	5.17	62	3352	0.292	ug/L #	93
29) 1,1,1-Trichloroethane	4.63	97	3811	0.243	ug/L	95
30) Cyclohexane	4.70	56	3830	0.243	ug/L	92
31) Carbon tetrachloride	4.85	117	3305	0.244	ug/L	99
33) Benzene	5.13	78	9720	0.271	ug/L	100
34) Trichloroethene	5.95	95	2608	0.255	ug/L	95
35) Methylcyclohexane	6.16	83	4196	0.271	ug/L	92
37) 1,2-Dichloropropane	6.21	63	2608	0.287	ug/L #	97
38) Bromodichloromethane	6.54	83	2793	0.242	ug/L #	91
39) cis-1,3-Dichloropropene	7.06	75	3294	0.256	ug/L	91
40) 4-Methyl-2-pentanone	7.26	43	12931	2.280	ug/L #	89
42) Toluene	7.41	91	9523	0.251	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	7105	0.204	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	7062	0.203	ug/L #	100
46) trans-1,3-Dichloropropene	7.69	75	2739	0.252	ug/L	90
47) 1,1,2-Trichloroethane	7.87	97	1560	0.257	ug/L	91
49) Tetrachloroethene	8.00	164	1794	0.252	ug/L	96
50) 2-Hexanone	8.17	43	16316	4.069	ug/L	95
51) Dibromochloromethane	8.27	129	1637	0.240	ug/L	99
52) 1,2-Dibromoethane	8.38	107	1496	0.265	ug/L #	93
53) Chlorobenzene	8.91	112	6374	0.261	ug/L	91
54) Ethylbenzene	9.04	91	10515	0.244	ug/L	100
55) m,p-xylene	9.16	106	3703	0.232	ug/L	94
56) o-xylene	9.57	106	3573	0.234	ug/L	91
57) Styrene	9.59	104	5496	0.215	ug/L	99
58) Isopropylbenzene	9.96	105	9515	0.227	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	1868	0.288	ug/L #	88
62) Bromoform	9.75	173	656	0.213	ug/L #	91
63) 1,3-Dichlorobenzene	11.21	146	4758	0.264	ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	5170	0.286	ug/L	95
66) 1,2-Dichlorobenzene	11.67	146	4860	0.298	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	3802	0.289	ug/L	93
69) 1,2,4-trichlorobenzene	13.29	180	2991	0.264	ug/L	93
70) Naphthalene	13.53	128	4825	0.268	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	2538	0.254	ug/L #	94

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

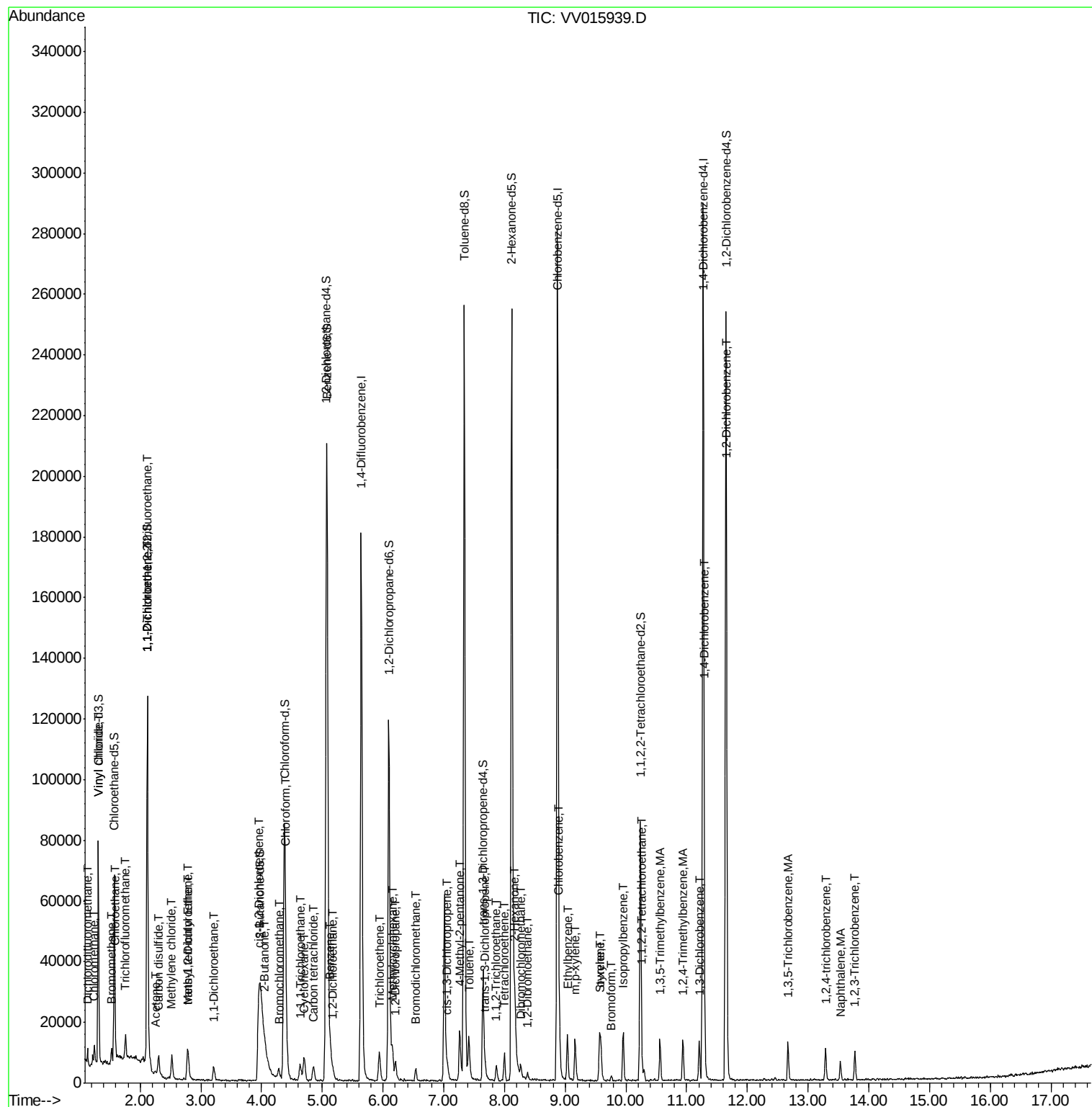
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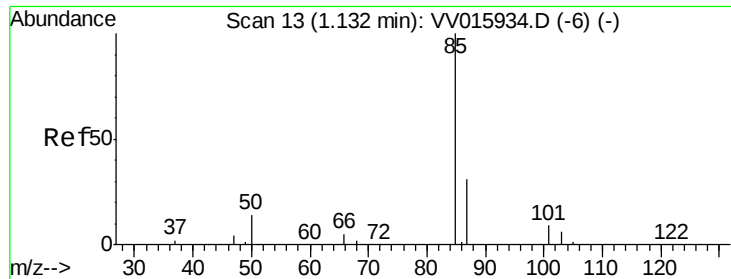
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#2

Dichlorodifluoromethane

Concen: 0.252 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion: 85 Resp: 2797

Ion Ratio Lower Upper

85 100

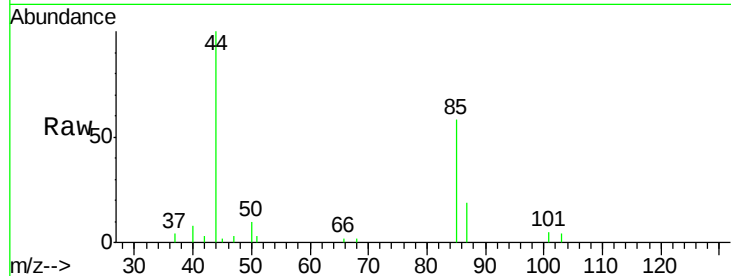
87 32.8 26.4 39.6

Manual Integrations

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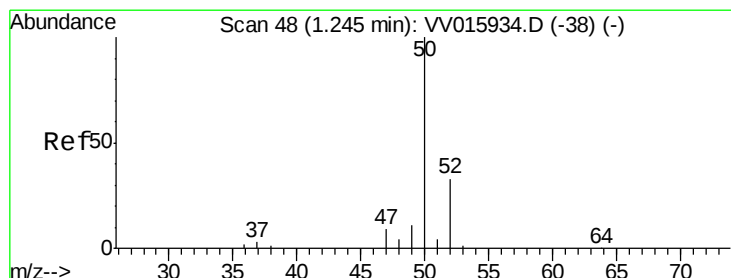
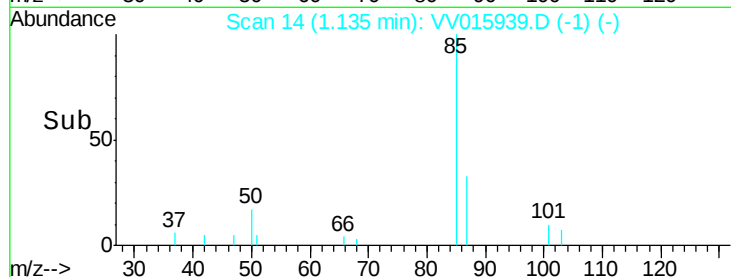
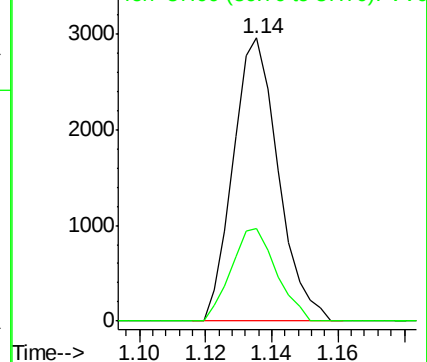
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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.285 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015939.D

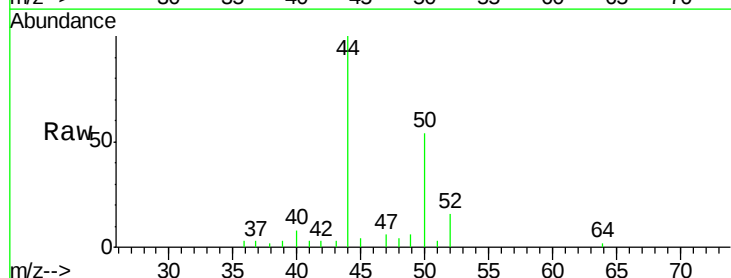
Acq: 07 May 2020 14:46

Tgt Ion: 50 Resp: 3196

Ion Ratio Lower Upper

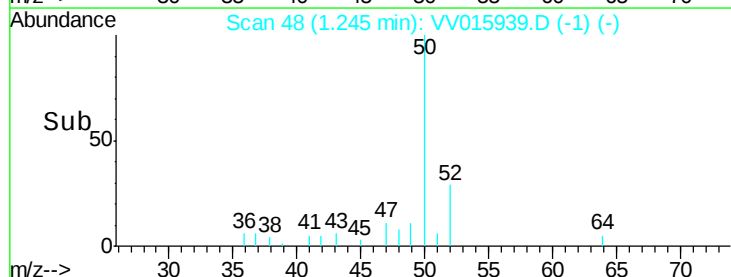
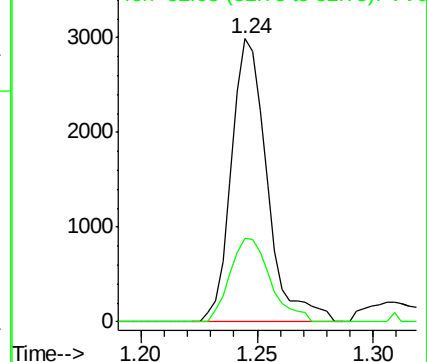
50 100

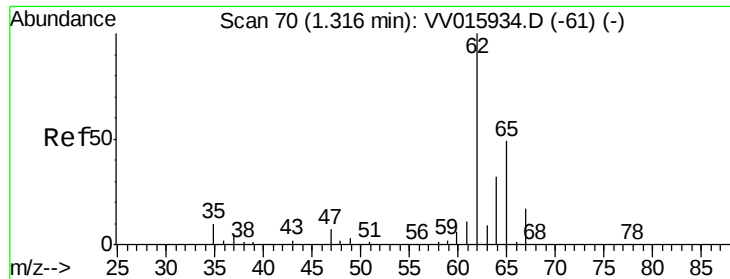
52 29.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 0.270 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

MDL01

Tot Ion: 62 Resp: 2897

Ion Ratio Lower Upper

62 100

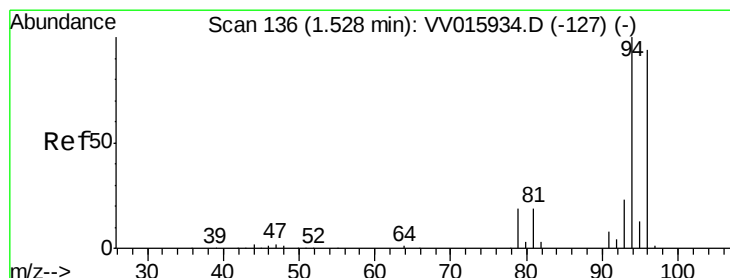
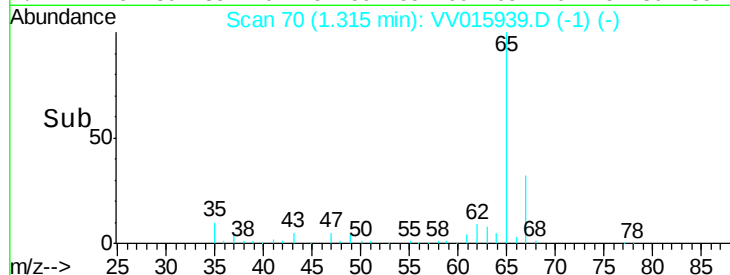
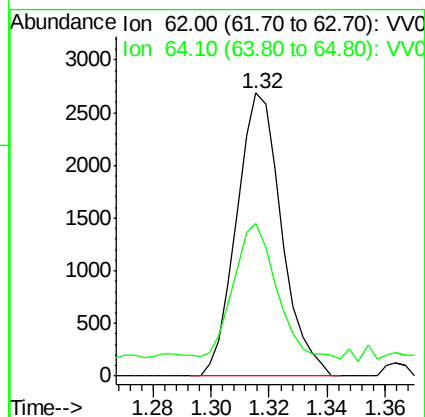
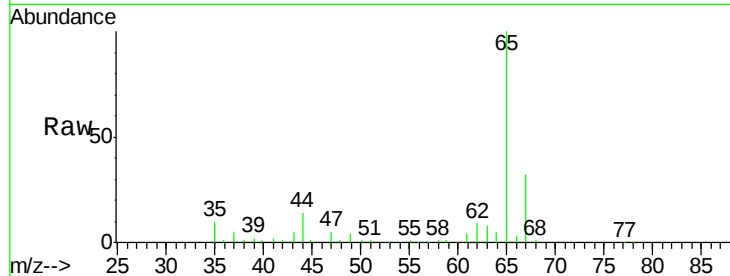
64 53.8 22.4 41.6#

Manual Integrations

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#6

Bromomethane

Concen: 0.298 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV015939.D

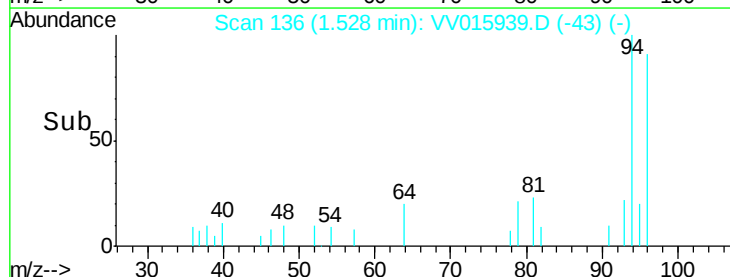
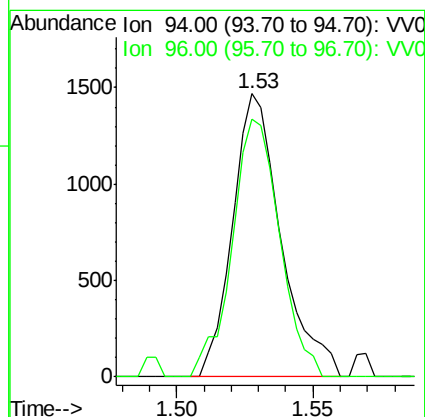
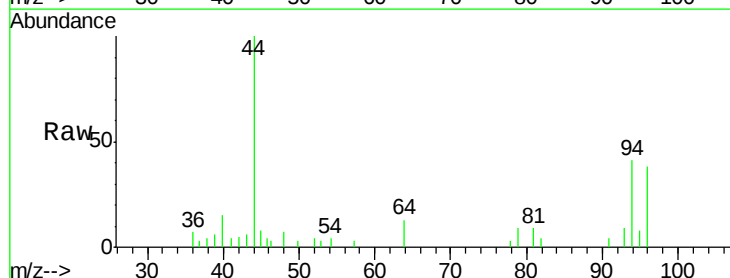
Acq: 07 May 2020 14:46

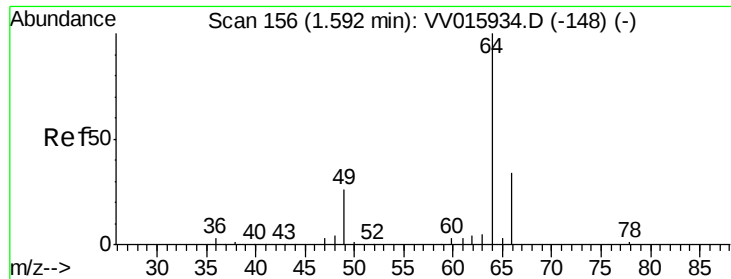
Tgt Ion: 94 Resp: 1814

Ion Ratio Lower Upper

94 100

96 91.1 65.4 121.4





#8

Chloroethane

Concen: 0.345 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

MDL01

Tot Ion: 64 Resp: 2634

Ion Ratio Lower Upper

64 100

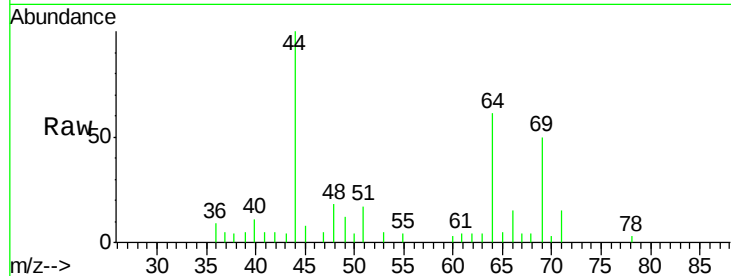
66 24.7 23.6 43.8

Manual Integrations

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Abundance Ion 64.10 (63.80 to 64.80): VV015939.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV015939.D (-148) (-)

1.60

2000

1500

1000

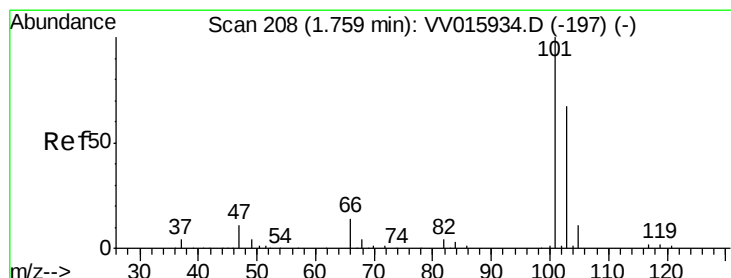
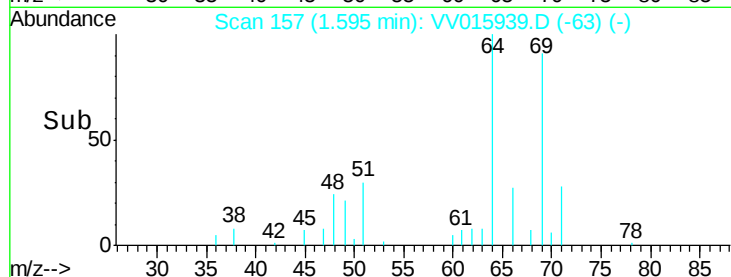
500

0

1.55

1.60

Time-->



#9

Trichlorofluoromethane

Concen: 0.252 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.00 min

Lab File: VV015939.D

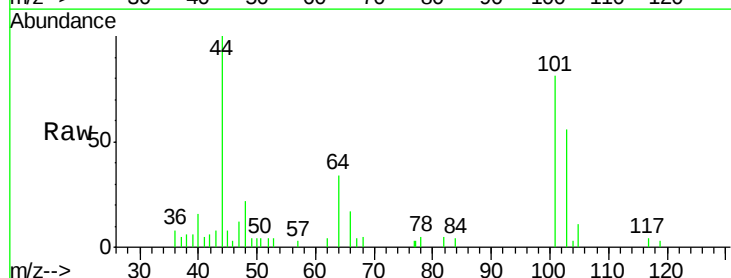
Acq: 07 May 2020 14:46

Tgt Ion:101 Resp: 3706

Ion Ratio Lower Upper

101 100

103 69.9 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV015939.D (-197) (-)

Ion 103.00 (102.70 to 103.70): VV015939.D (-197) (-)

1.76

3000

2500

2000

1500

1000

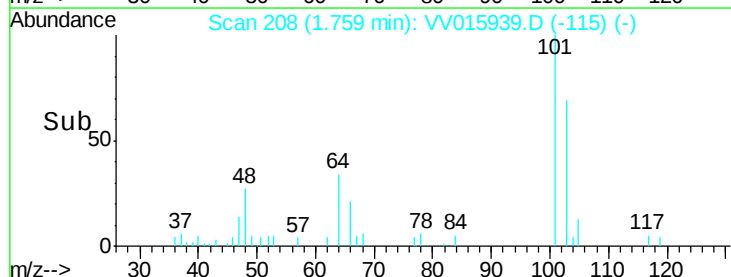
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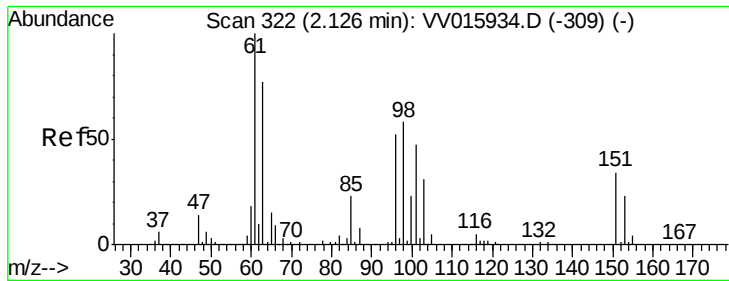
0

1.75

1.80

Time-->





#10

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

Concen: 0.336 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015939.D

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Instrument :

MSVOA_V

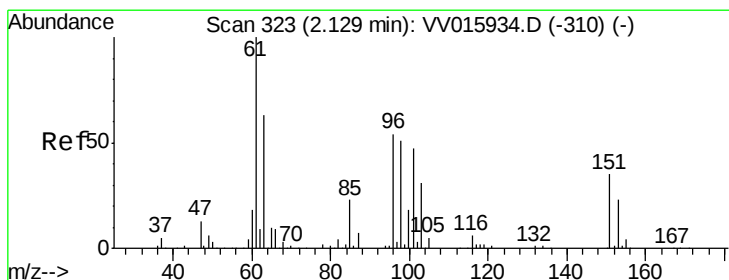
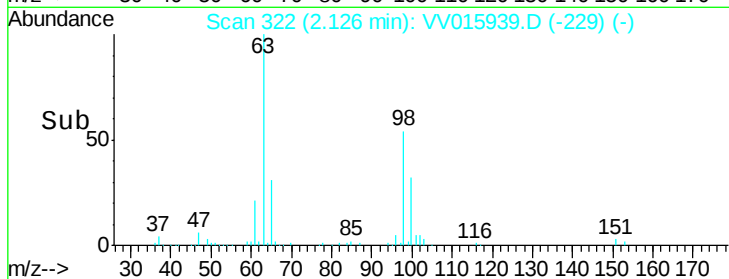
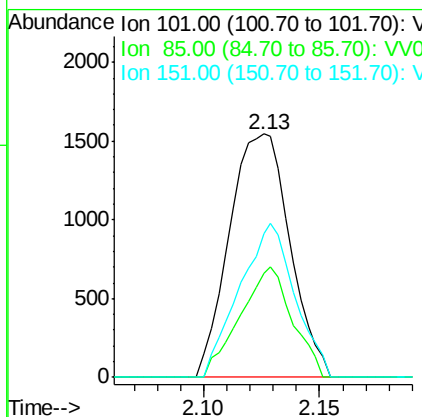
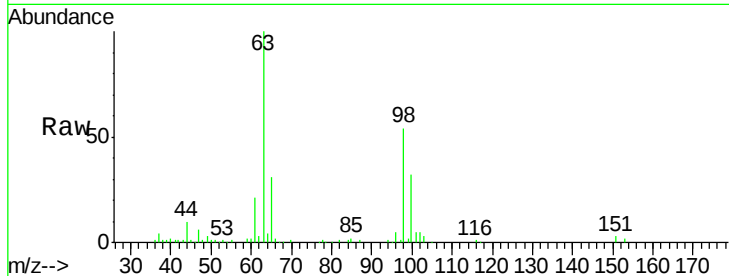
ClientSampled :

MDL01

Tot Ion:	101	Resp:	2794
Ion Ratio	Lower	Upper	
101	100		
85	39.1	35.7	53.5
151	57.9	58.0	87.0#

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 0.336 ug/L

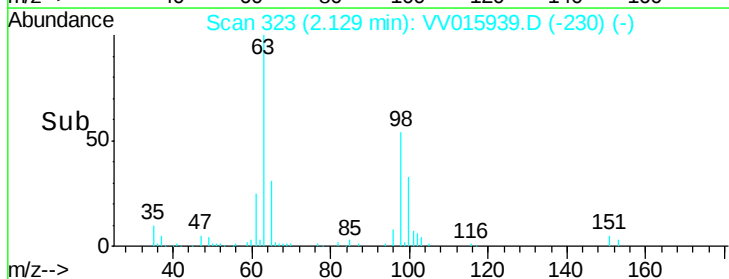
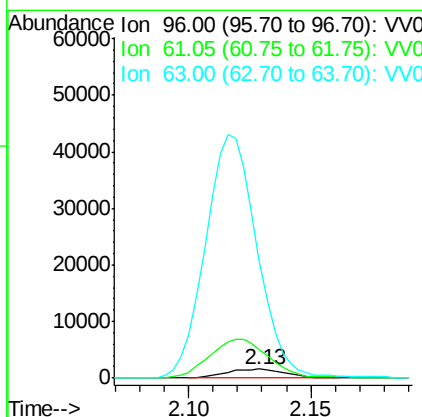
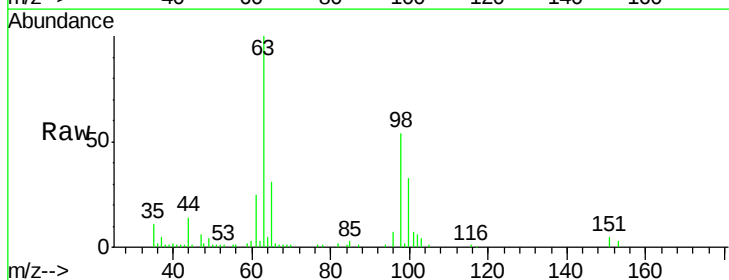
RT: 2.13 min Scan# 323

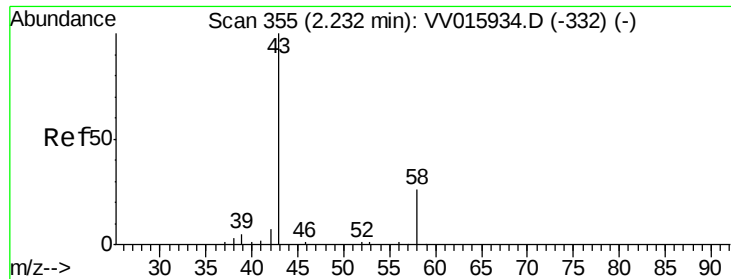
Delta R.T. -0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Tgt Ion:	96	Resp:	2678
Ion Ratio	Lower	Upper	
96	100		
61	328.4	139.9	259.7#
63	1335.6	106.4	197.6#





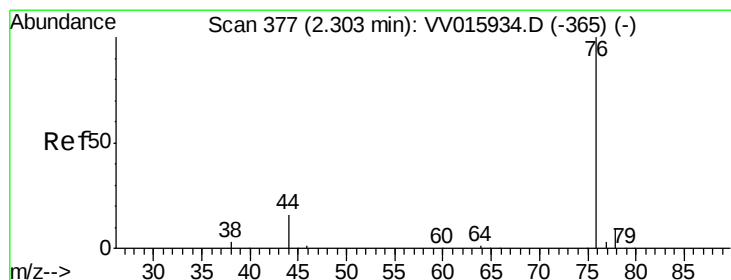
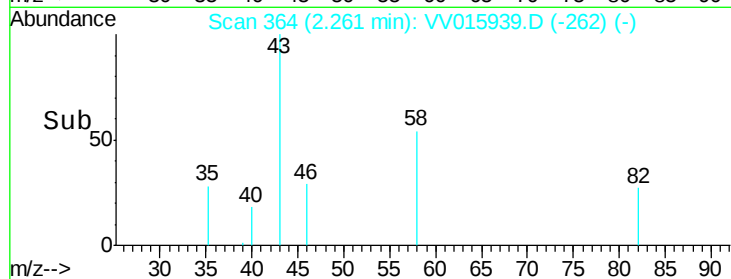
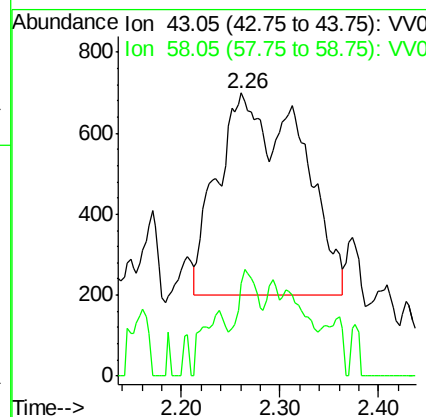
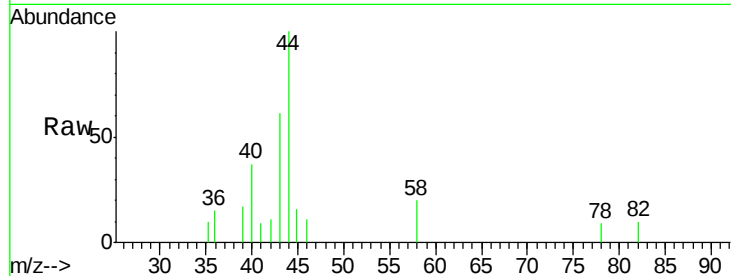
#13
Acetone
Concen: 1.976 ug/L m
RT: 2.26 min Scan# 364
Delta R.T. 0.03 min
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Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
43	100		
58	6.4	0.0	30.8

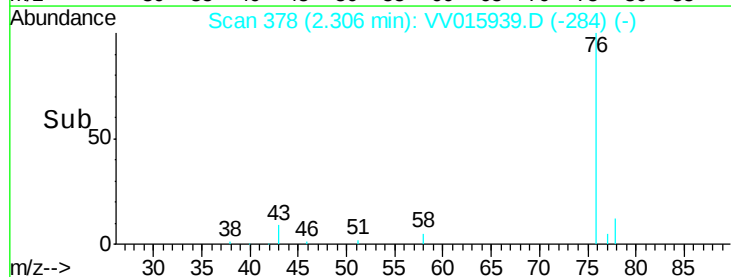
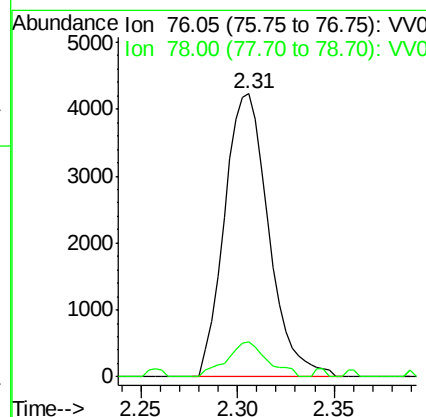
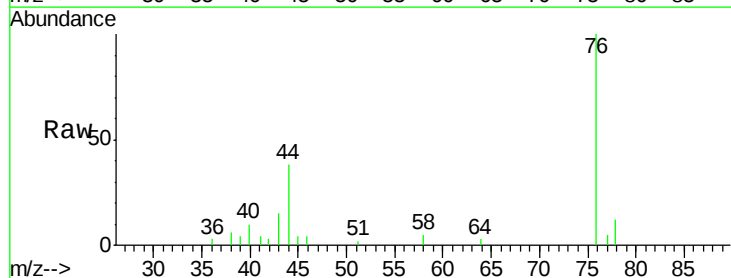
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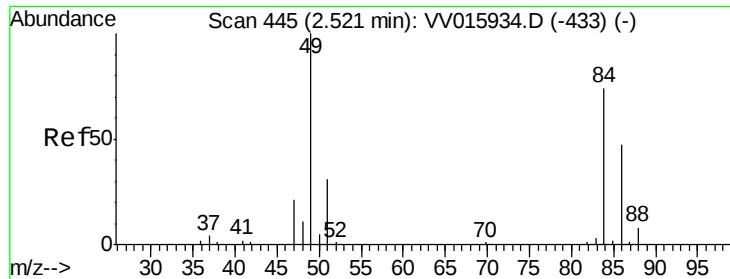
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#14
Carbon disulfide
Concen: 0.256 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
76	100		
78	12.2	7.0	10.6#





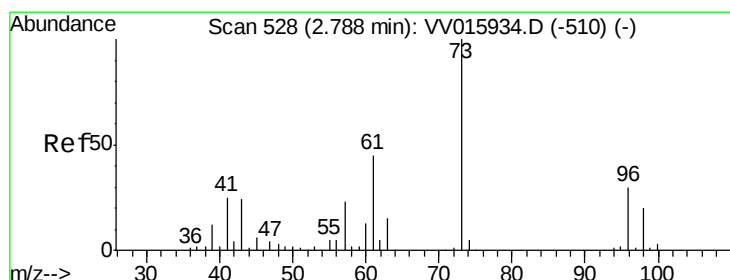
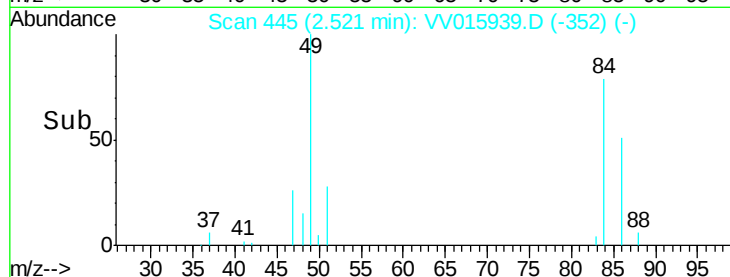
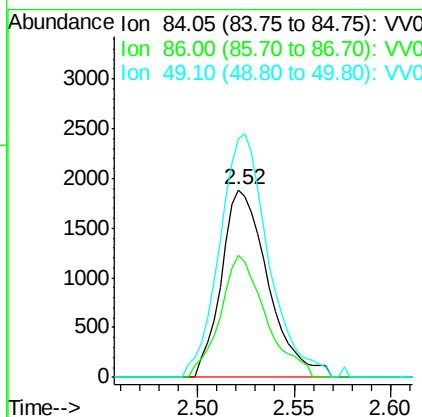
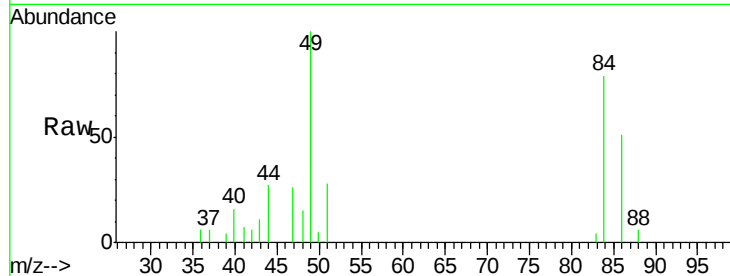
#16
Methvlene chloride
Concen: 0.332 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion: 84 Resp: 3166
Ion Ratio Lower Upper
84 100
86 64.7 45.6 84.8
49 126.8 93.6 173.8

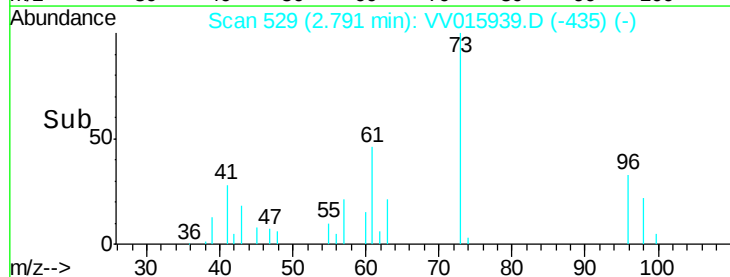
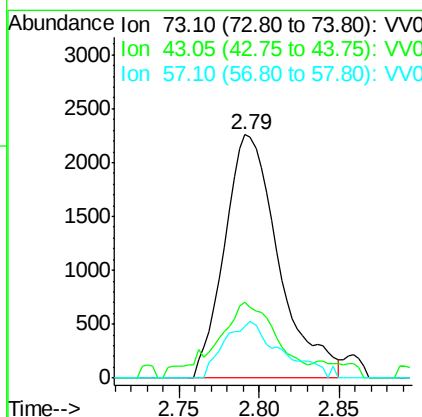
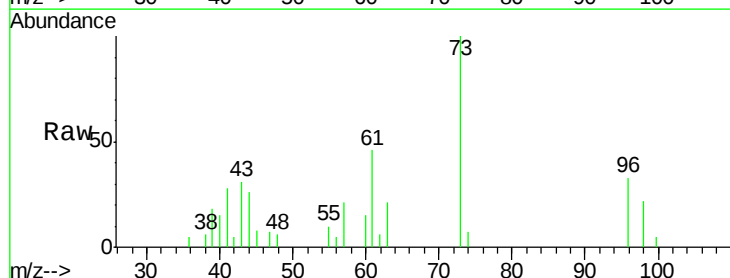
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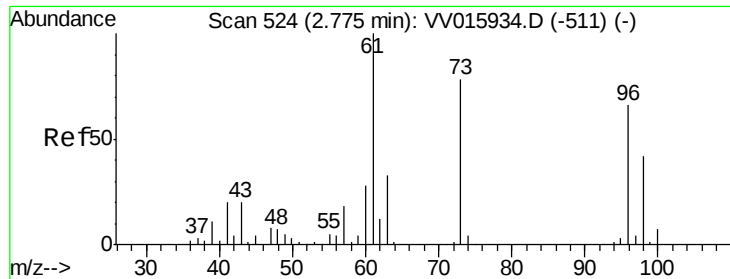
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#17
Methyl tert-butyl Ether
Concen: 0.252 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion: 73 Resp: 5221
Ion Ratio Lower Upper
73 100
43 34.6 18.8 28.2#
57 24.3 17.8 26.6





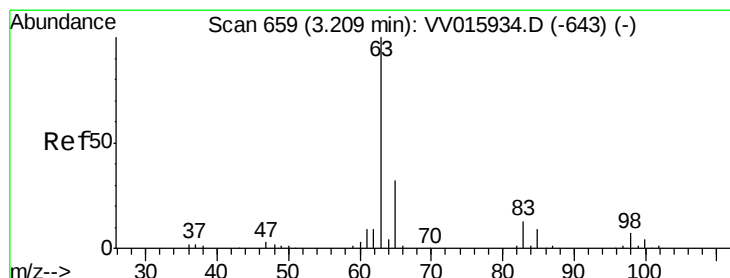
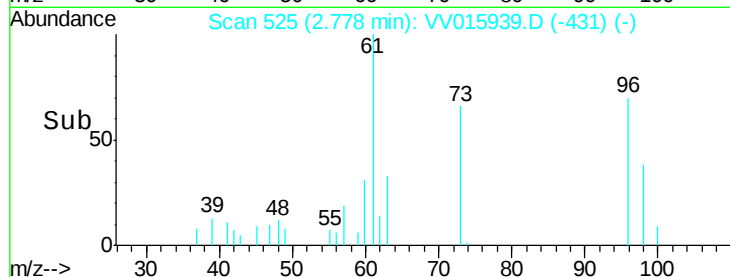
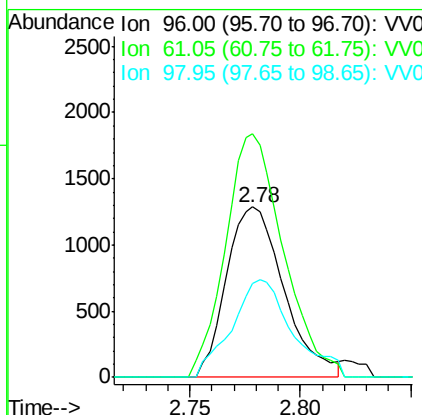
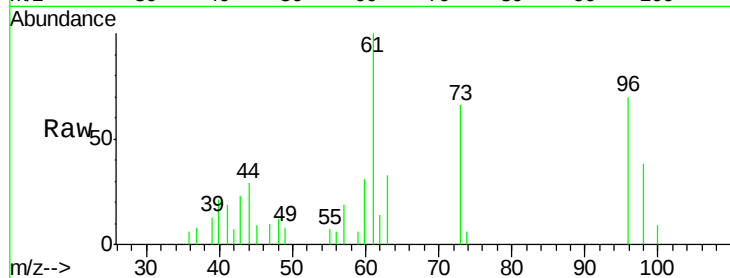
#18
trans-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	105.3	195.5
98	54.7	44.0	81.6

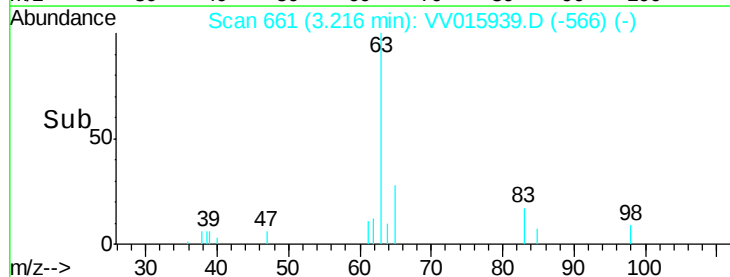
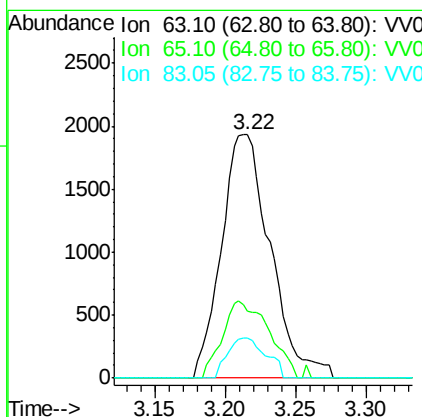
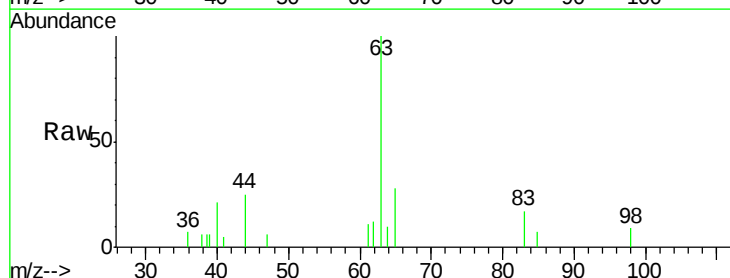
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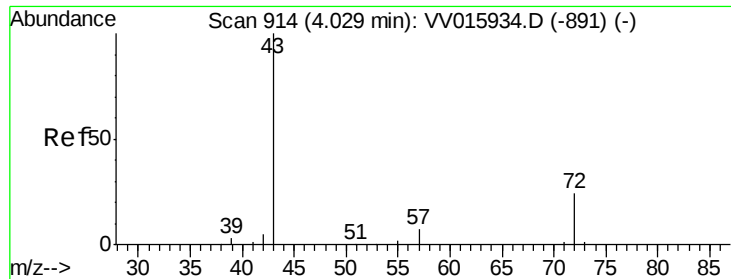
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#19
1,1-Dichloroethane
Concen: 0.276 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
63	100		
65	27.7	22.0	41.0
83	16.6	9.8	18.2





#21

2-Butanone

Concen: 1.500 ug/L m

RT: 4.06 min Scan# 923

Delta R.T. 0.03 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Tot Ion: 43 Resp: 3373

Ion Ratio Lower Upper

43 100

72 12.3 10.5 31.5

Instrument :

MSVOA_V

ClientSampled :

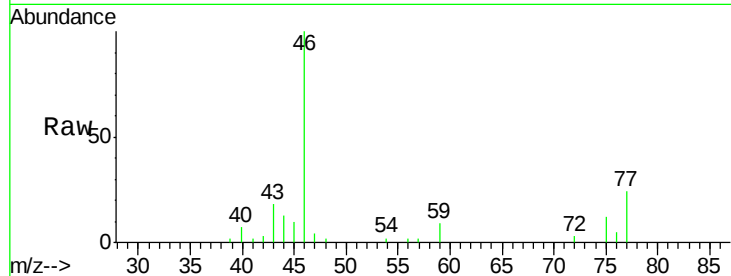
MDL01

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

1200

1000

800

600

400

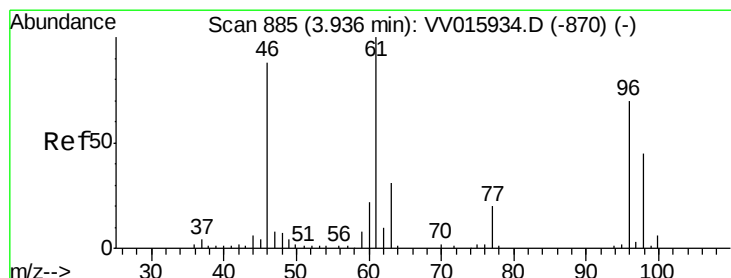
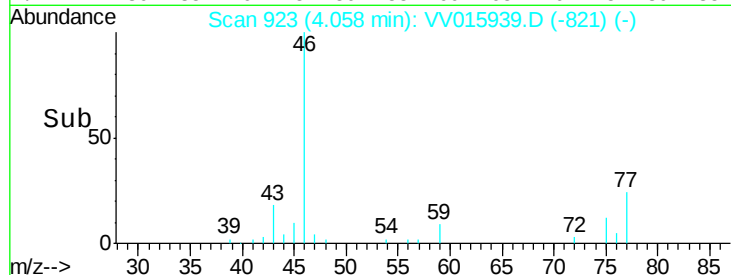
200

0

Time-->

3.95 4.00 4.05 4.10 4.15

4.06



#22

cis-1,2-Dichloroethene

Concen: 0.264 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

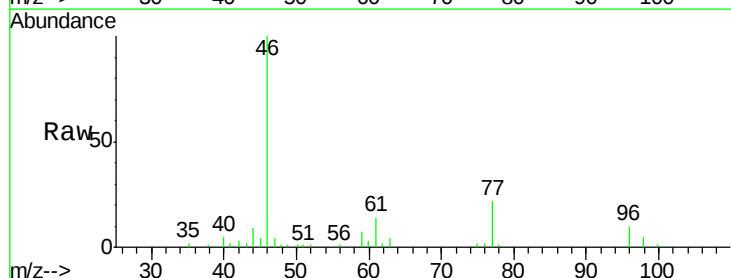
Tgt Ion: 96 Resp: 2431

Ion Ratio Lower Upper

96 100

61 140.6 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

2000

1500

1000

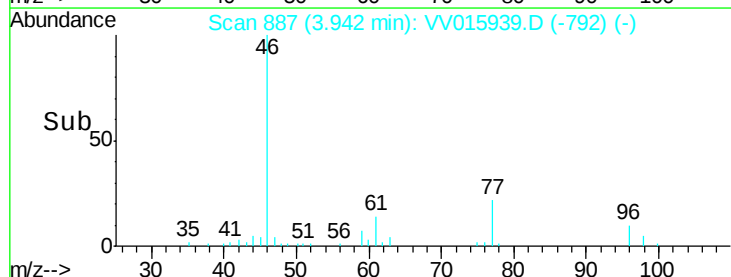
500

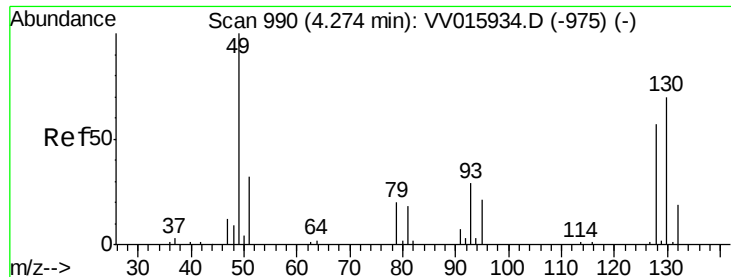
0

Time-->

3.90 3.95 4.00

3.94





#23

Bromochloromethane

Concen: 0.224 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

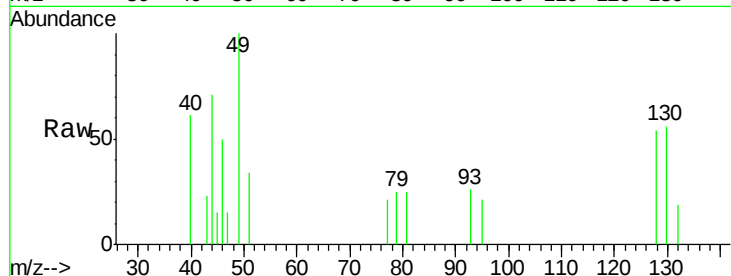
ClientSampled :

MDL01

Tot Ion:	128	Resp:	880
Ion	Ratio	Lower	Upper
128	100		
49	184.9	131.3	243.8
130	104.1	91.8	170.4
51	63.4	48.8	73.2

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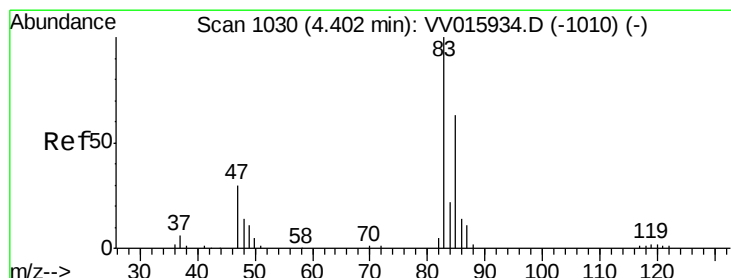
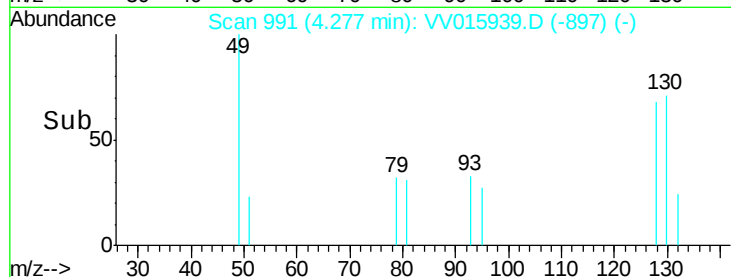
Abundance Ion 127.90 (127.60 to 128.60): VV015939.D (-975) (-)

Ion 49.10 (48.80 to 49.80): VV015939.D (-975) (-)

Ion 129.95 (129.65 to 130.65): VV015939.D (-975) (-)

Ion 51.05 (50.75 to 51.75): VV015939.D (-975) (-)

Time-->



#25

Chloroform

Concen: 0.675 ug/L

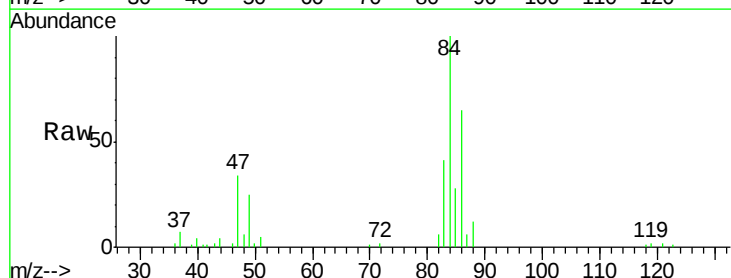
RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

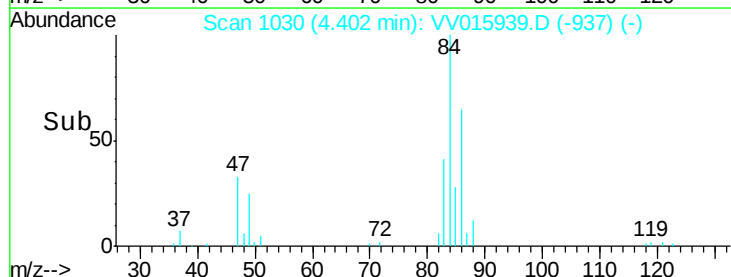
Tgt Ion:	83	Resp:	12593
Ion	Ratio	Lower	Upper
83	100		
85	68.0	45.7	84.9



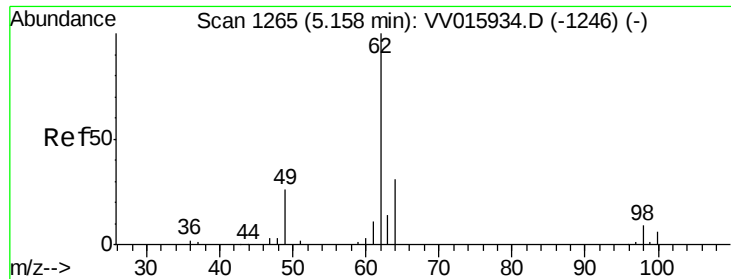
Abundance Ion 83.05 (82.75 to 83.75): VV015939.D (-937) (-)

Ion 85.00 (84.70 to 85.70): VV015939.D (-937) (-)

Time-->



Time-->



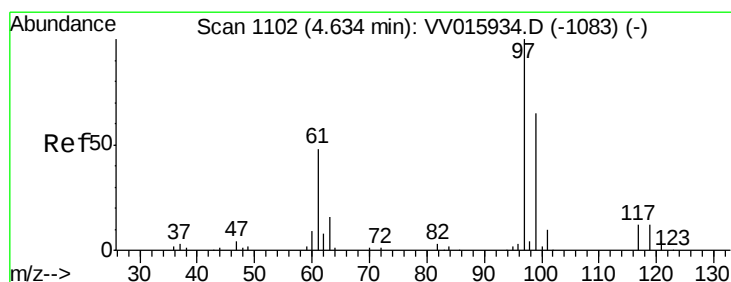
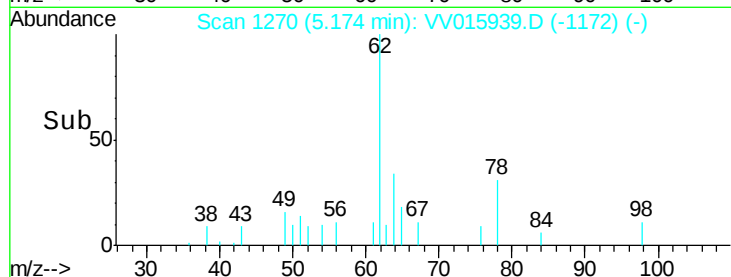
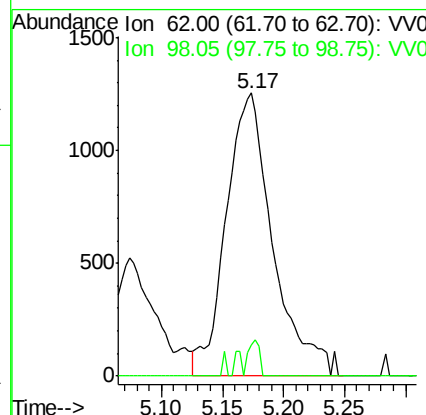
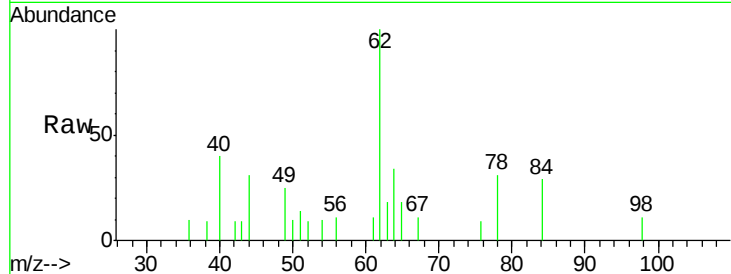
#27
 1,2-Dichloroethane
 Concen: 0.292 ug/L
 RT: 5.17 min Scan# 1270
 Delta R.T. 0.02 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion: 62 Resp: 3352
 Ion Ratio Lower Upper
 62 100
 98 10.9 6.7 10.1#

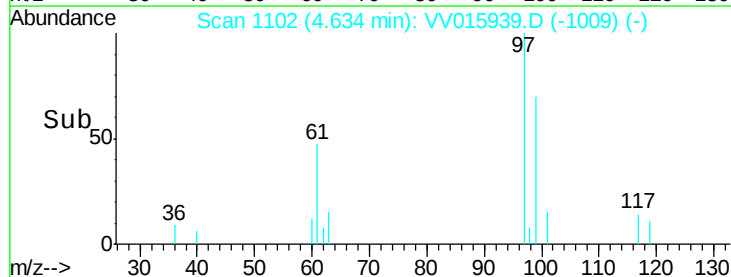
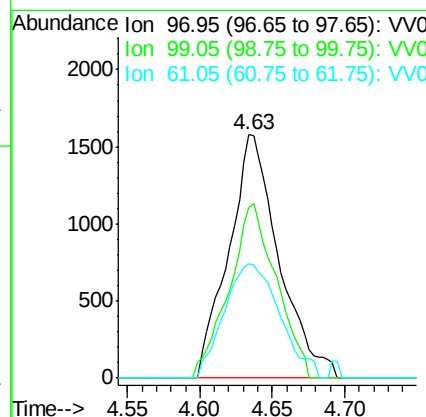
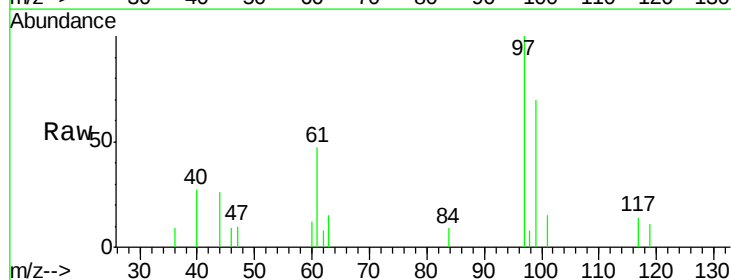
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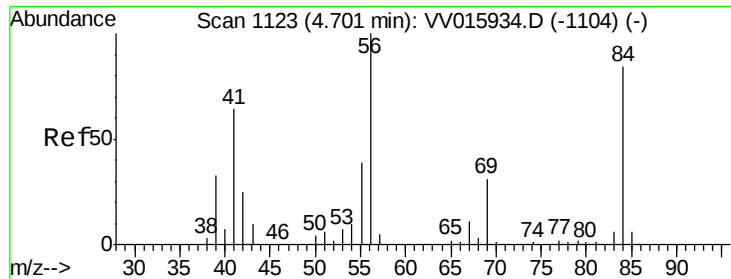
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#29
 1,1,1-Trichloroethane
 Concen: 0.243 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Tgt Ion: 97 Resp: 3811
 Ion Ratio Lower Upper
 97 100
 99 67.3 50.7 76.1
 61 51.7 38.8 58.2





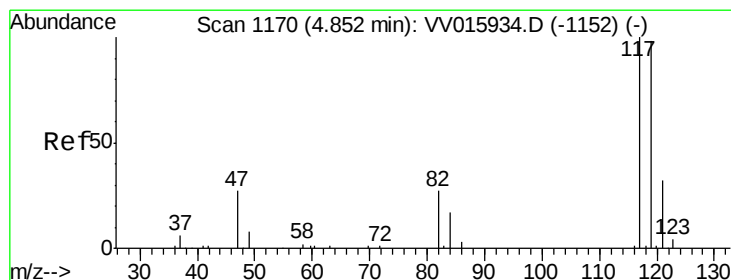
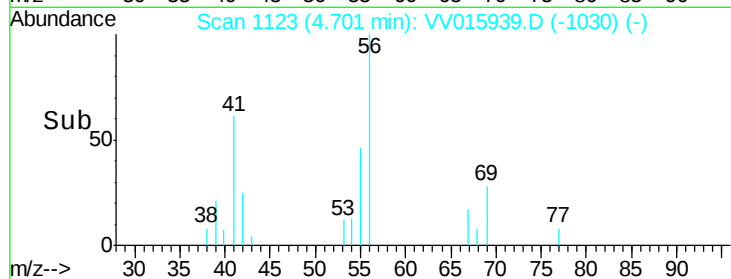
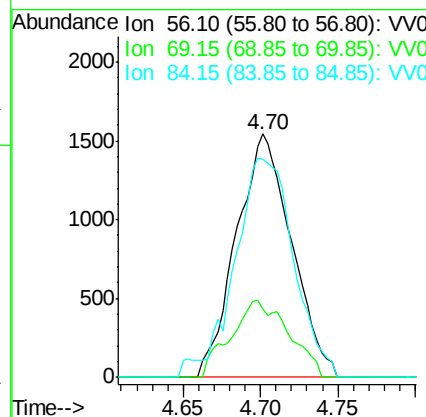
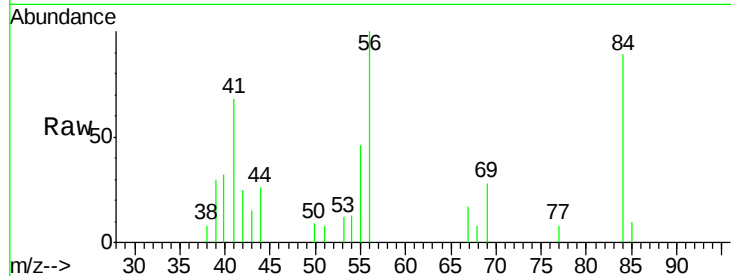
#30
Cyclohexane
Concen: 0.243 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion	56	Ratio	Lower	Upper
56	100			
69	33.3	24.2	36.2	
84	93.4	68.3	102.5	

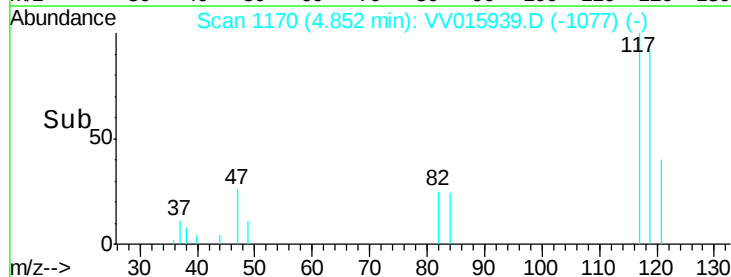
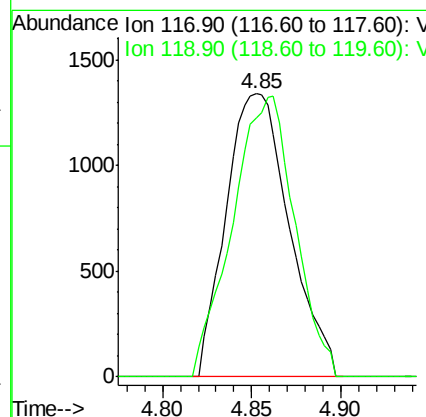
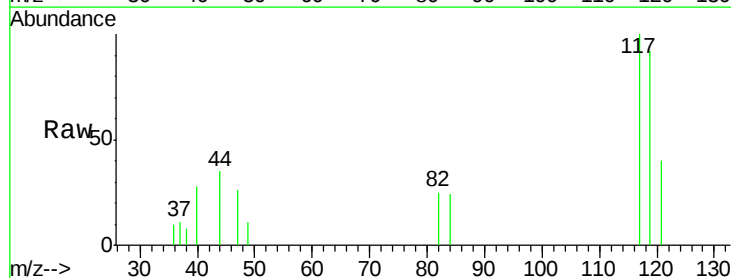
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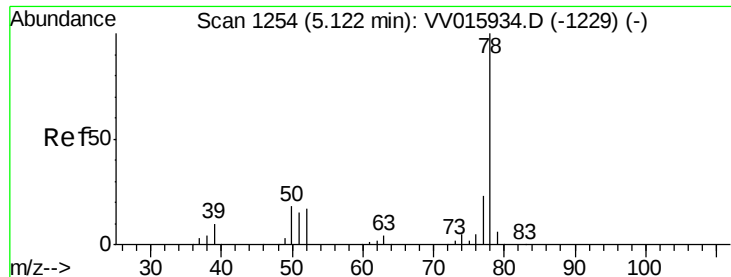
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#31
Carbon tetrachloride
Concen: 0.244 ug/L
RT: 4.85 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	97.6	77.3	115.9	





#33

Benzene

Concen: 0.271 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

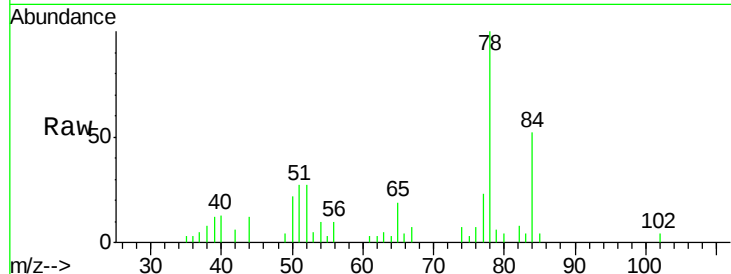
ClientSampled :

MDL01

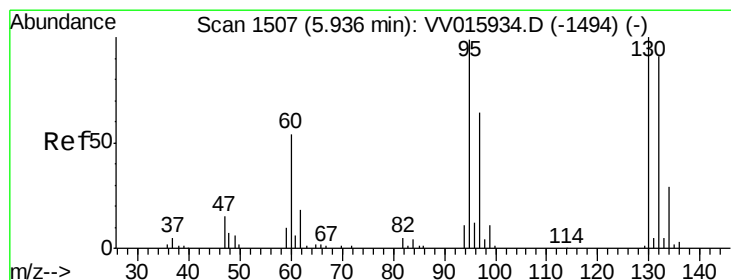
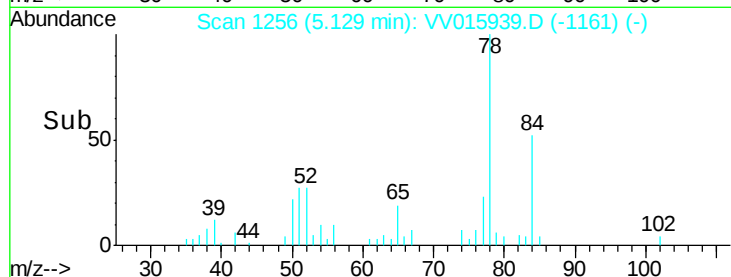
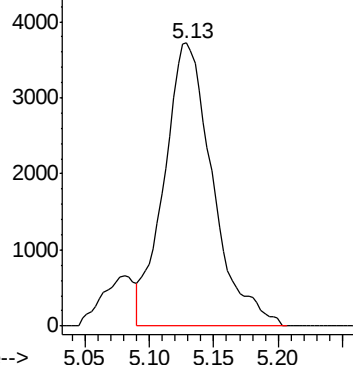
Tgt Ion: 78 Resp: 9720

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Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.255 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Tgt Ion: 95 Resp: 2608

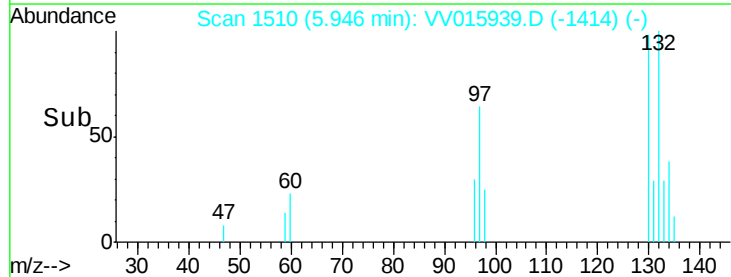
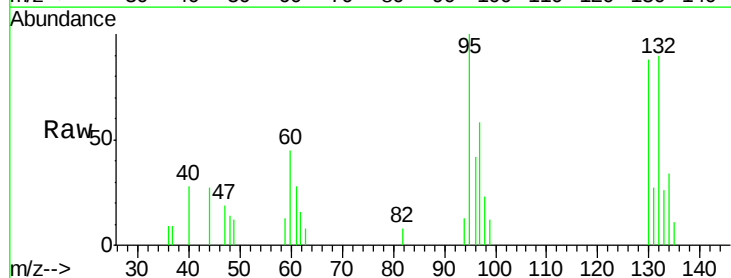
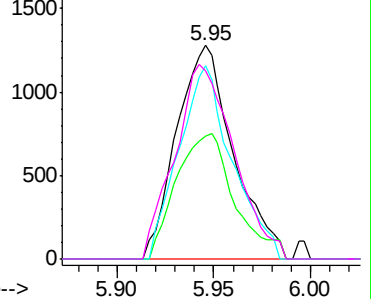
Ion	Ratio	Lower	Upper
95	100		
97	57.6	43.3	80.5
132	90.5	60.3	112.1
130	88.4	66.0	122.6

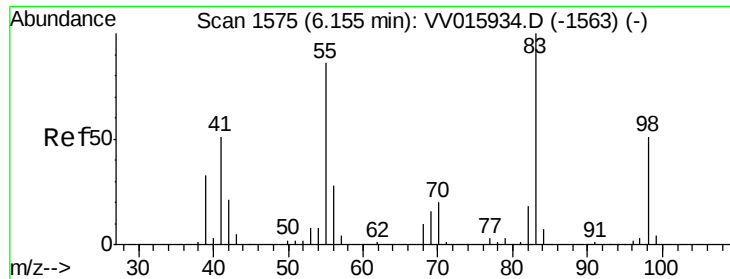
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





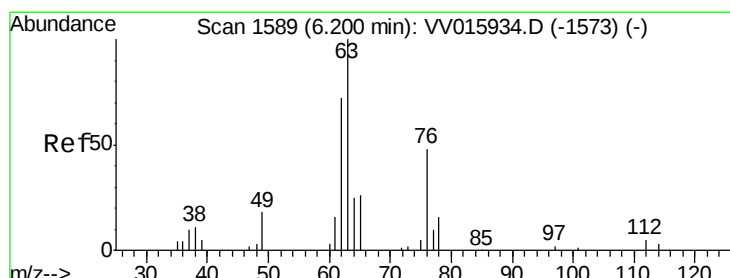
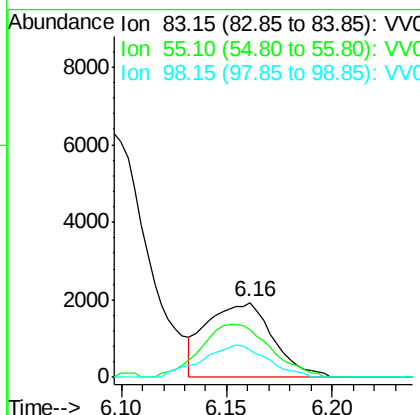
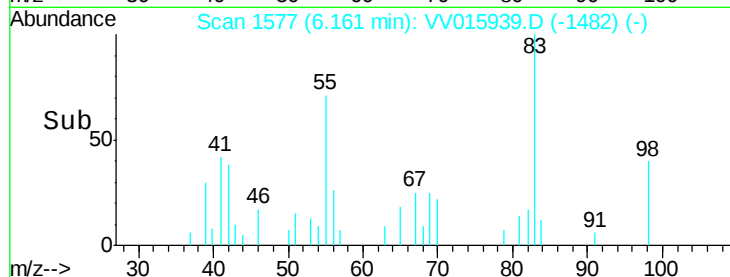
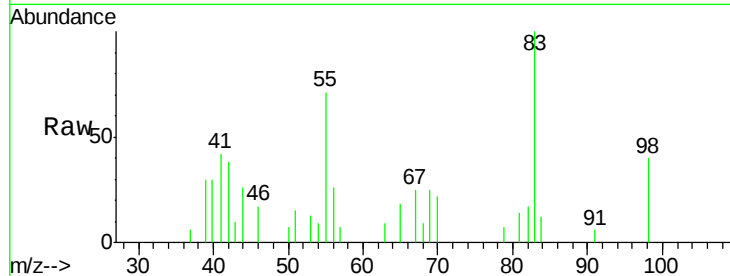
#35
Methvlcvclohexane
Concen: 0.271 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion	83	Resp	4196
Ion Ratio	100	Lower	Upper
83	100		
55	74.7	66.2	99.2
98	42.2	37.9	56.9

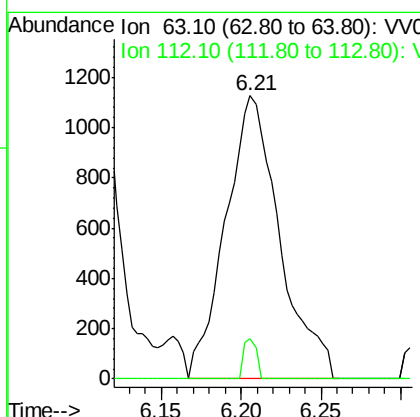
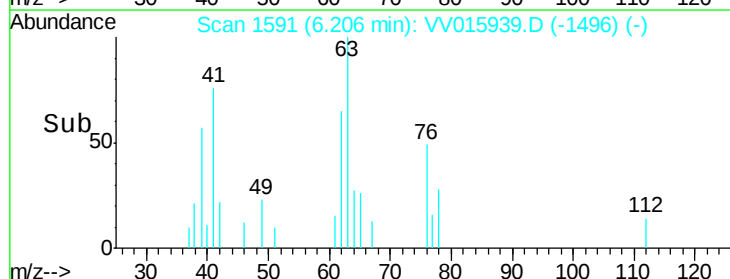
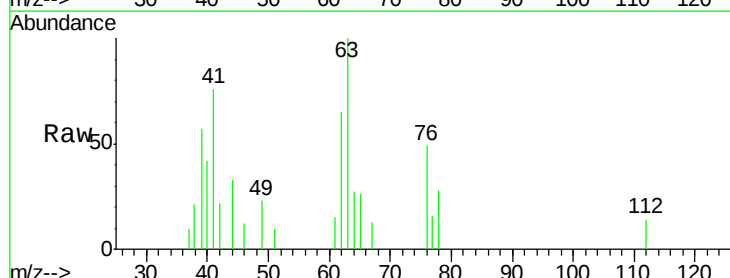
Manual Integrations
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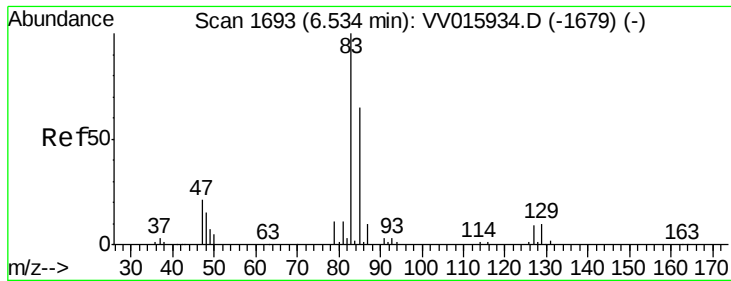
apatel
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#37
1,2-Dichloropropane
Concen: 0.287 ug/L
RT: 6.21 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion	63	Resp	2608
Ion Ratio	100	Lower	Upper
63	100		
112	3.1	3.4	5.0#





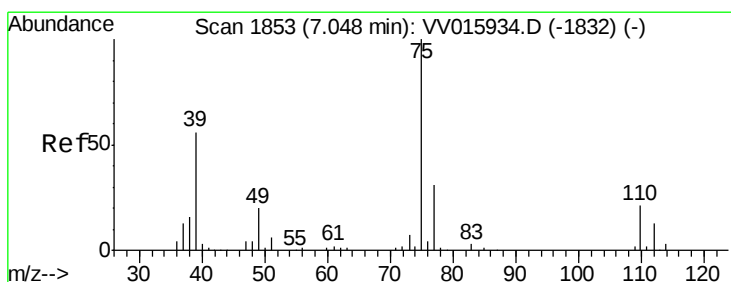
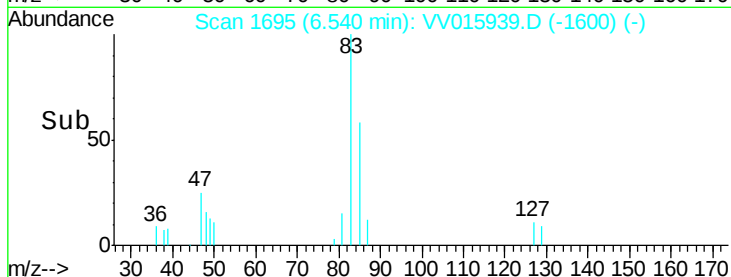
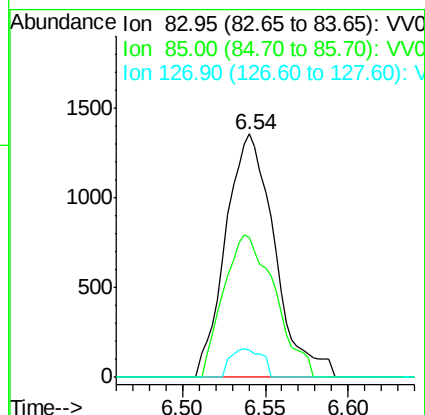
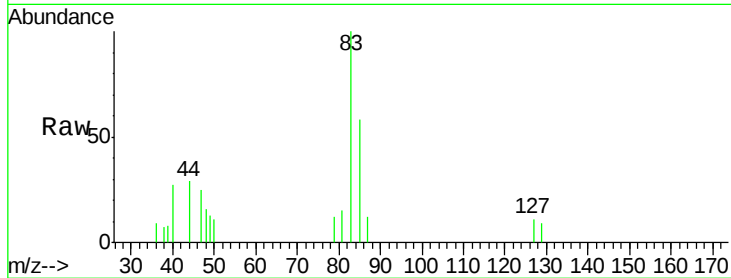
#38
Bromodichloromethane
Concen: 0.242 ug/L
RT: 6.54 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion	83	Resp	2793
Ion Ratio	100	Lower	Upper
83	100		
85	57.6	45.5	84.5
127	11.0	6.2	9.4#

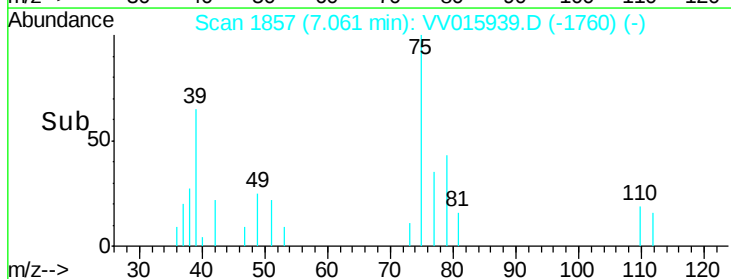
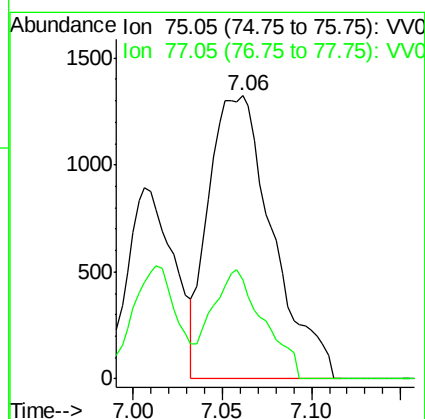
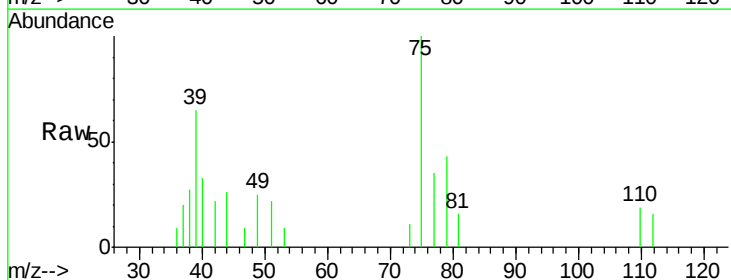
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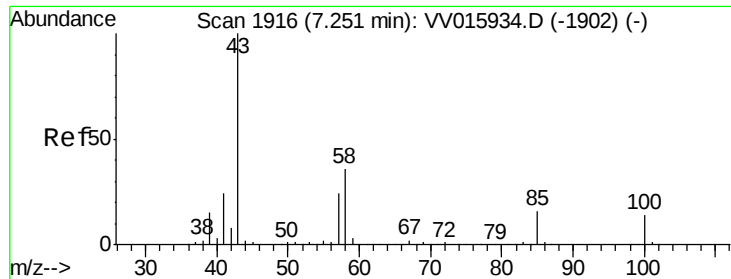
apatel
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#39
cis-1,3-Dichloropropene
Concen: 0.256 ug/L
RT: 7.06 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion	75	Resp	3294
Ion Ratio	100	Lower	Upper
75	100		
77	35.1	21.3	39.5





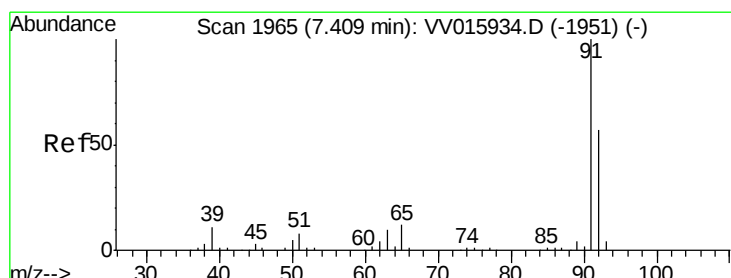
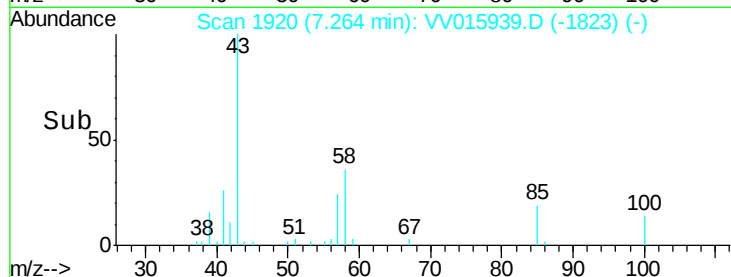
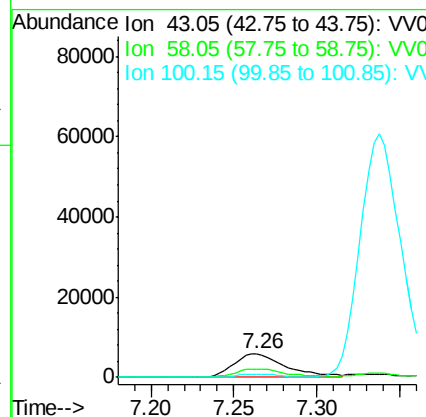
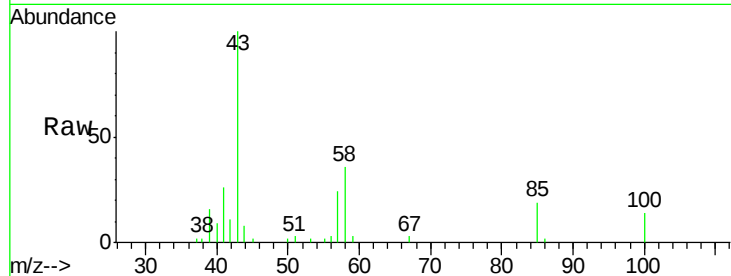
#40
4-Methyl-2-pentanone
Concen: 2.280 ug/L
RT: 7.26 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.0	43.4
100	0.0	10.9	16.3

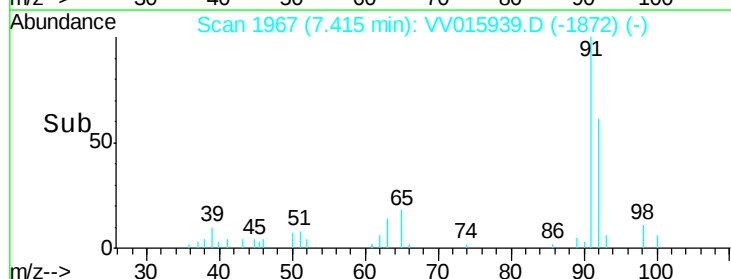
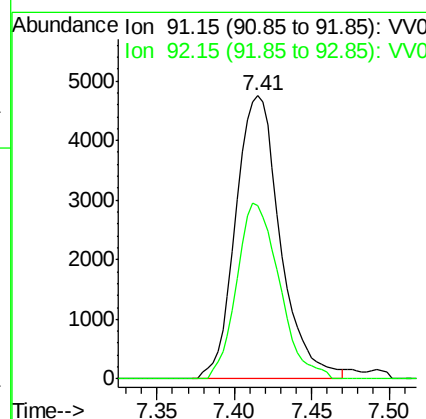
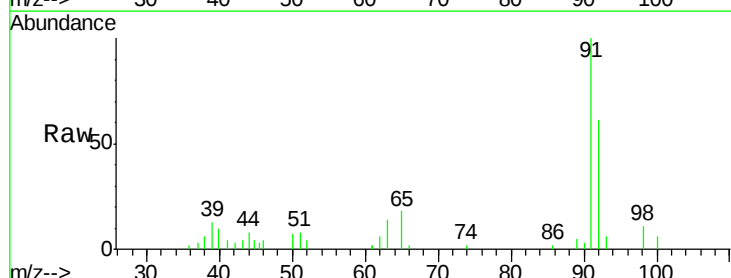
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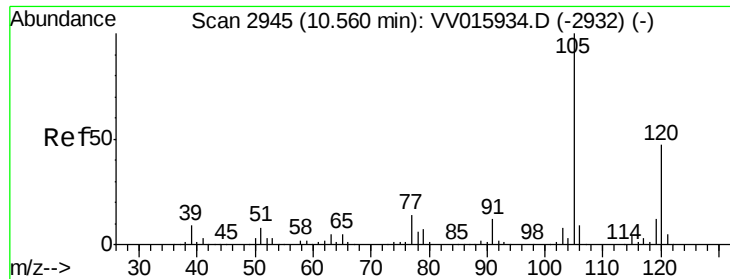
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#42
Toluene
Concen: 0.251 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.0	40.1	74.5





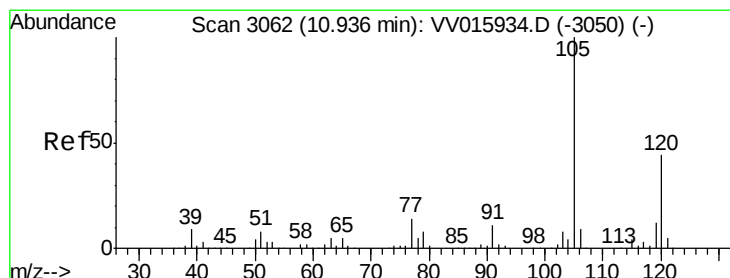
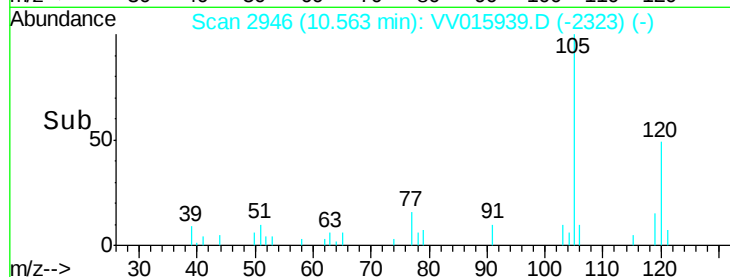
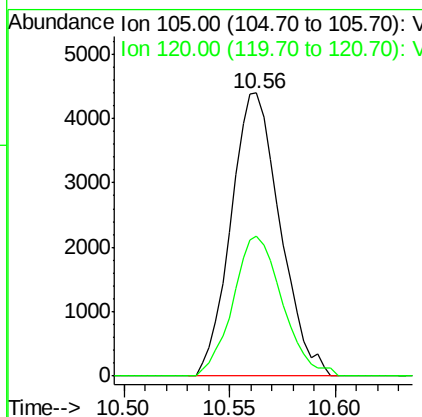
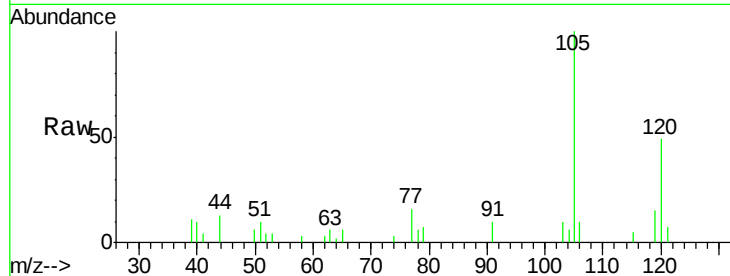
#43
 1,3,5-Trimethylbenzene
 Concen: 0.204 ug/L
 RT: 10.56 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion:105 Resp: 7105
 Ion Ratio Lower Upper
 105 100
 120 49.7 0.0 0.0#

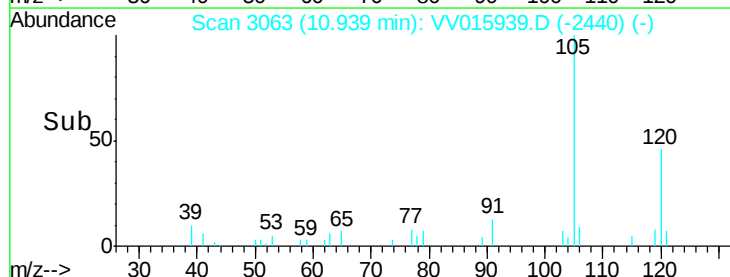
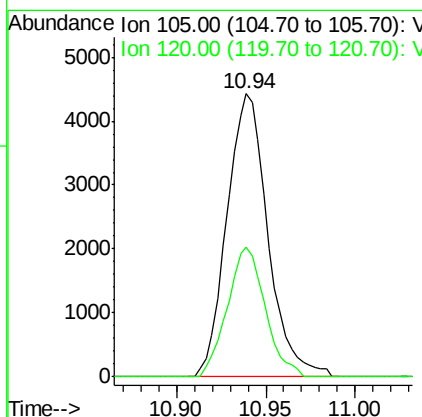
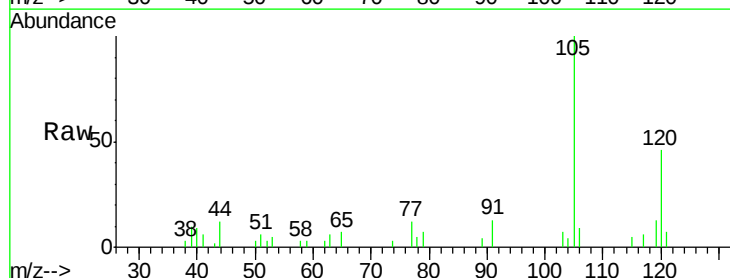
Manual Integrations
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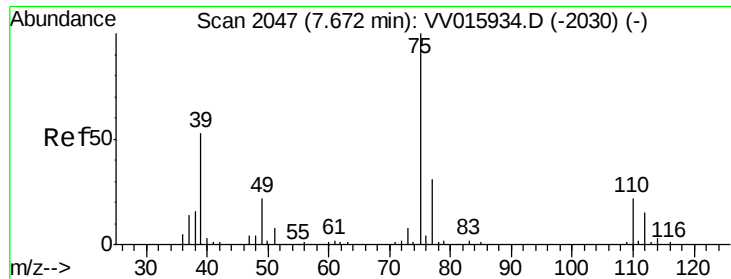
apatel
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#44
 1,2,4-Trimethylbenzene
 Concen: 0.203 ug/L
 RT: 10.94 min Scan# 3063
 Delta R.T. 0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Tgt Ion:105 Resp: 7062
 Ion Ratio Lower Upper
 105 100
 120 42.4 0.0 0.0#





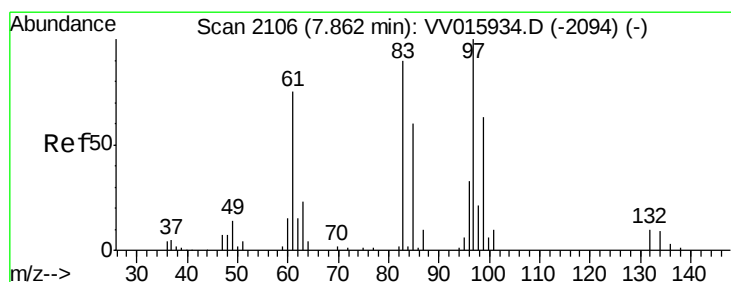
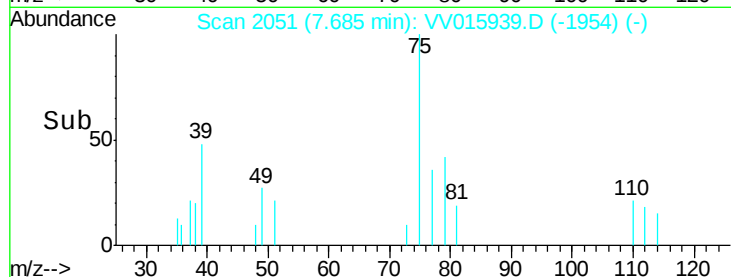
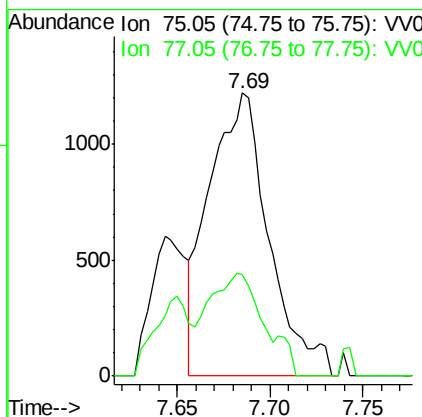
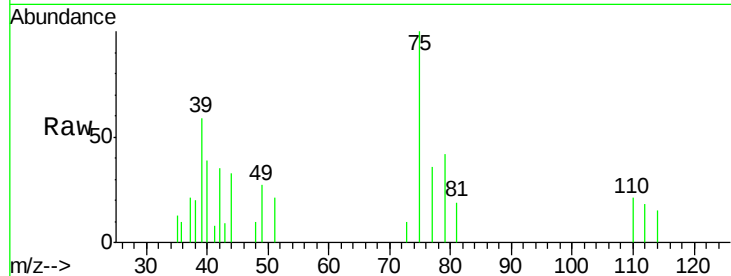
#46
trans-1,3-Dichloropropene
Concen: 0.252 ug/L
RT: 7.69 min Scan# 2051
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion: 75 Resp: 2739
Ion Ratio Lower Upper
75 100
77 36.0 21.3 39.6

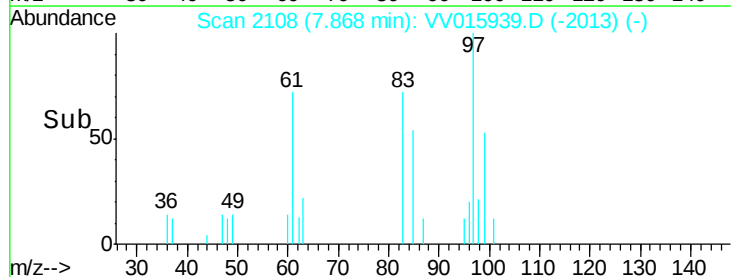
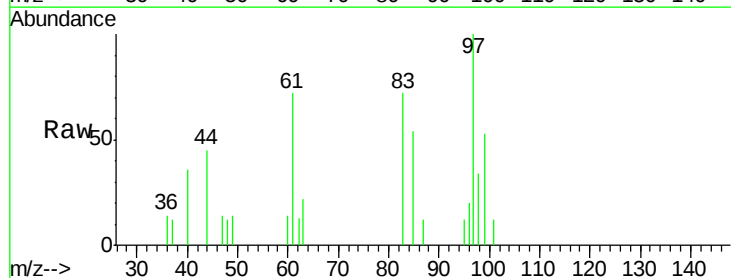
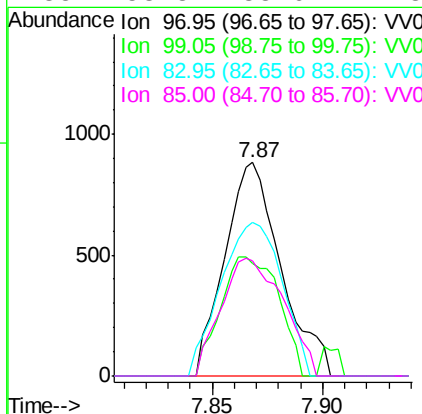
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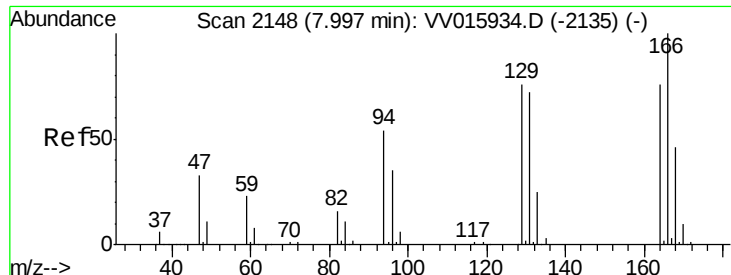
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#47
1,1,2-Trichloroethane
Concen: 0.257 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion: 97 Resp: 1560
Ion Ratio Lower Upper
97 100
99 52.6 42.1 78.1
83 72.2 59.2 110.0
85 53.8 38.6 71.8





#49

Tetrachloroethene

Concen: 0.252 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015939.D

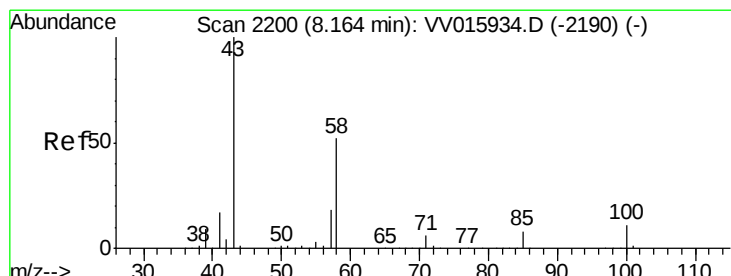
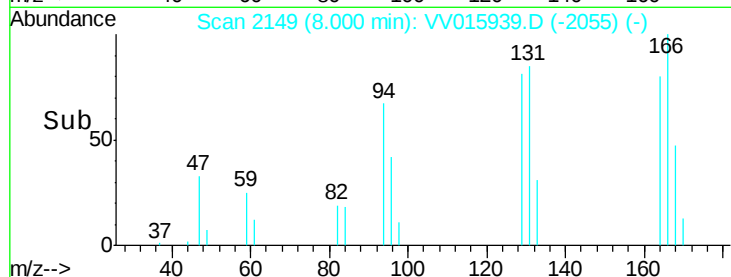
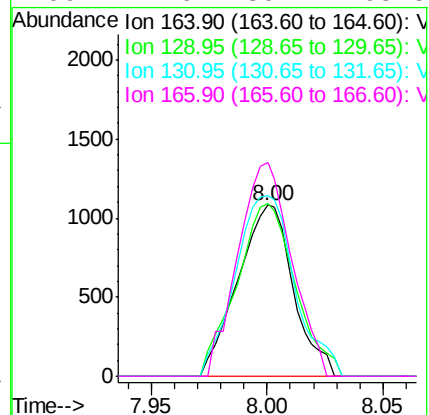
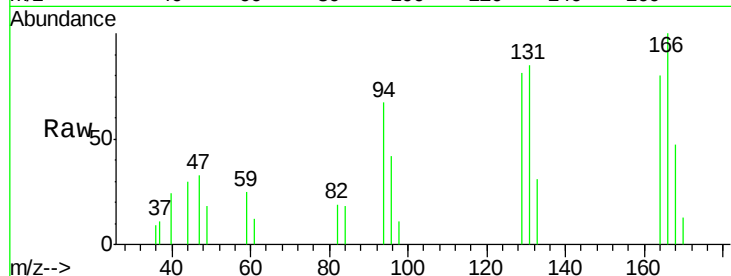
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion	164	Resp	1794
Ion	Ratio	Lower	Upper
164	100		
129	101.1	69.7	129.4
131	105.6	66.8	124.2
166	124.6	89.1	165.5

Manual Integrations
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#50

2-Hexanone

Concen: 4.069 ug/L

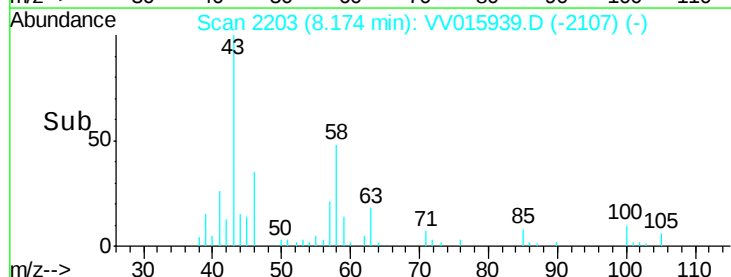
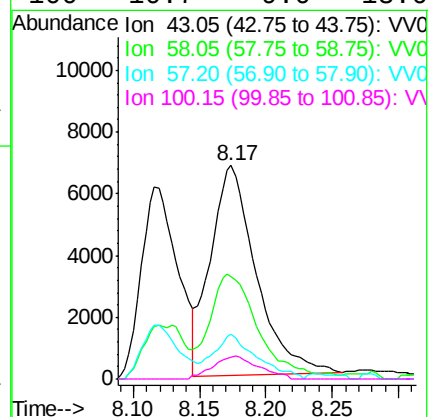
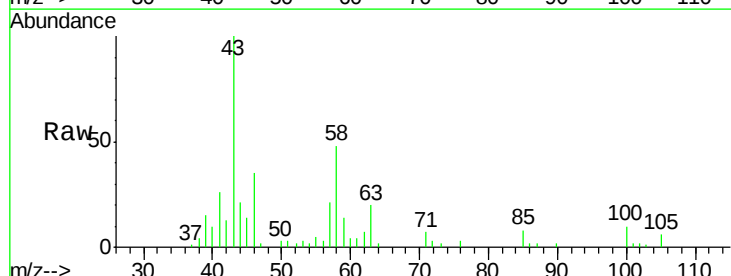
RT: 8.17 min Scan# 2203

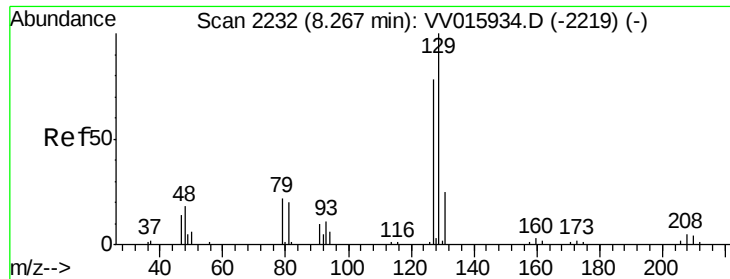
Delta R.T. 0.01 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Tgt Ion	43	Resp	16316
Ion	Ratio	Lower	Upper
43	100		
58	46.7	40.8	61.2
57	20.3	14.7	22.1
100	10.7	9.0	13.6





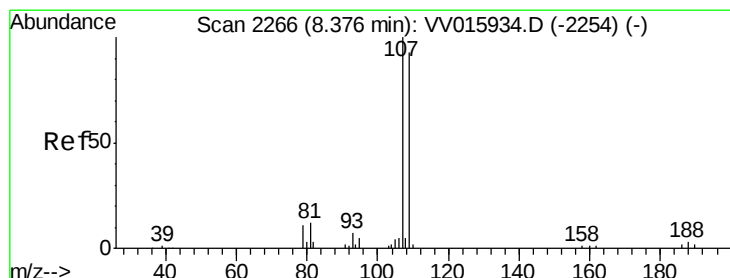
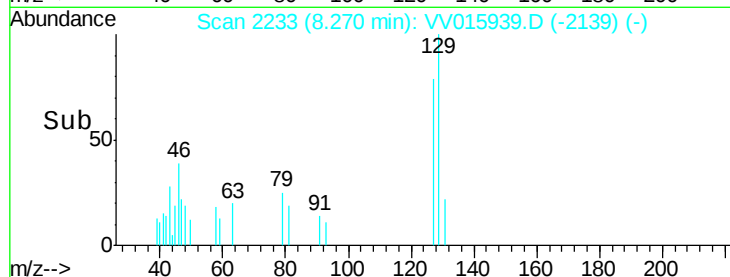
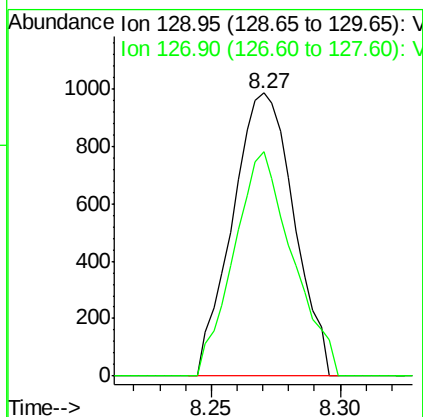
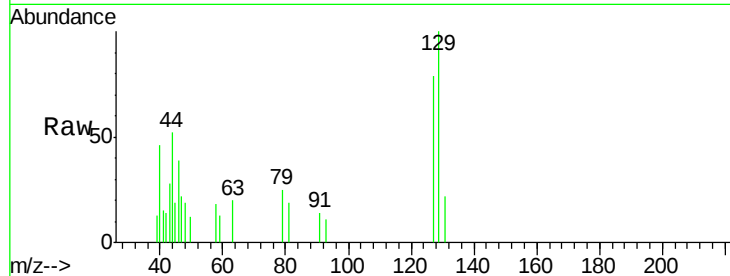
#51
 Dibromochloromethane
 Concen: 0.240 ug/L
 RT: 8.27 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion:129 Resp: 1637
 Ion Ratio Lower Upper
 129 100
 127 79.3 56.0 104.0

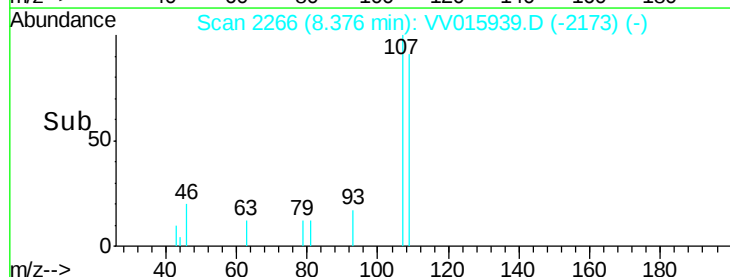
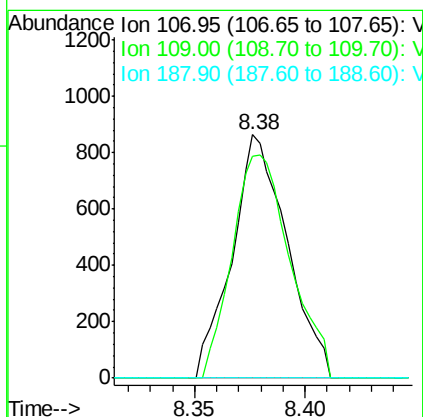
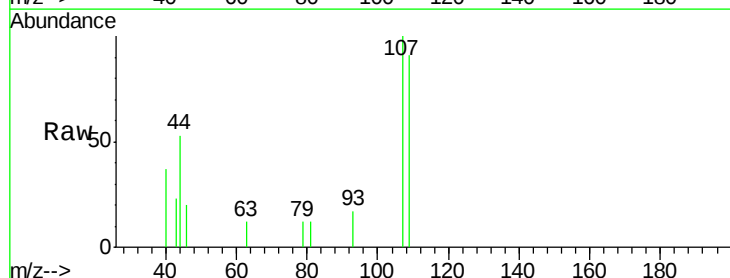
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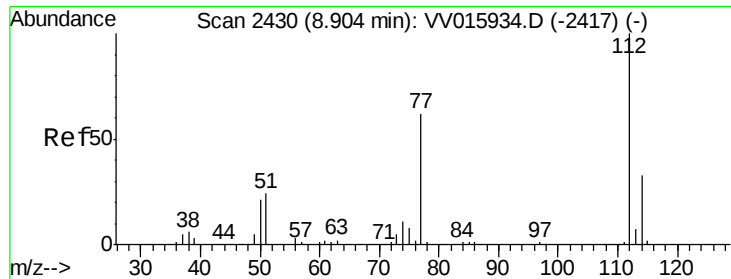
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#52
 1,2-Dibromoethane
 Concen: 0.265 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Tgt Ion:107 Resp: 1496
 Ion Ratio Lower Upper
 107 100
 109 91.2 68.9 127.9
 188 0.0 2.7 4.1#





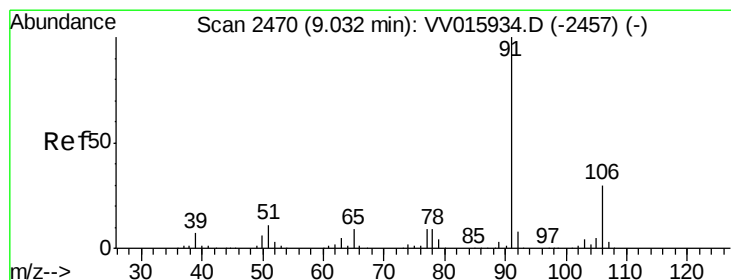
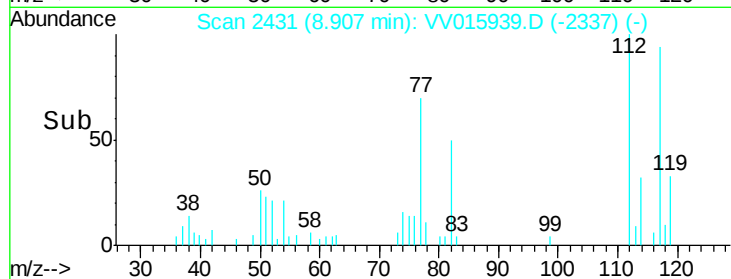
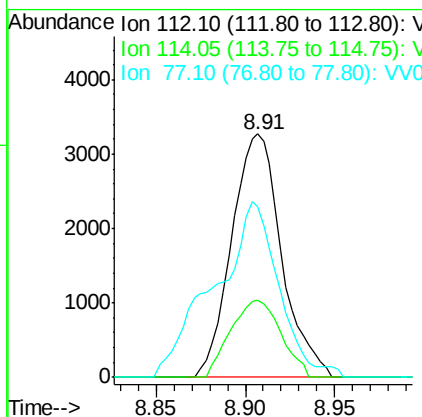
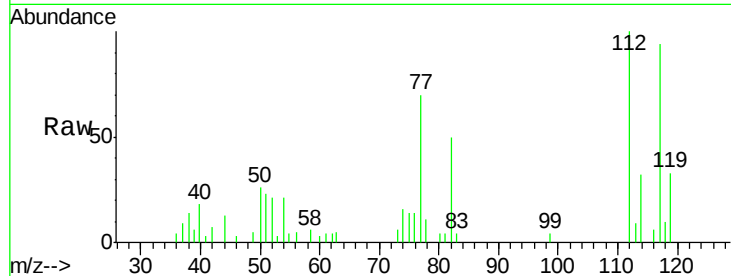
#53
Chlorobenzene
Concen: 0.261 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.6	40.0
77	70.2	48.6	73.0

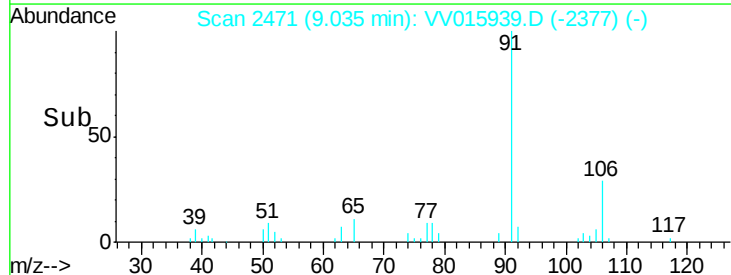
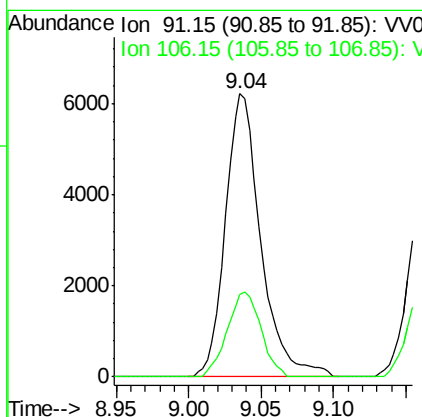
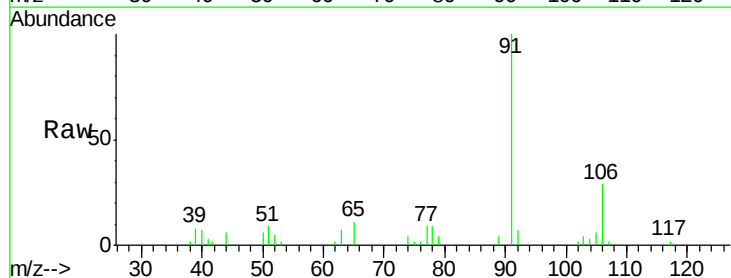
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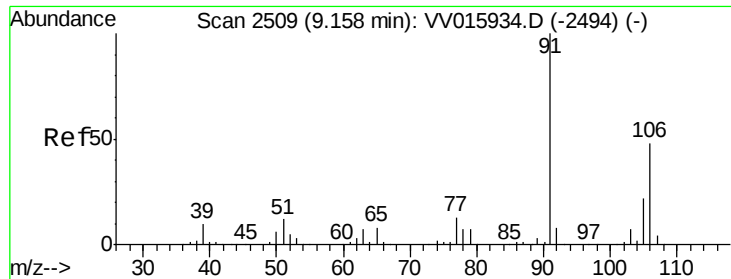
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#54
Ethylbenzene
Concen: 0.244 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015939.D
Acq: 07 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.6	38.4





#55

m,p-xylene

Concen: 0.232 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion:106 Resp: 3703

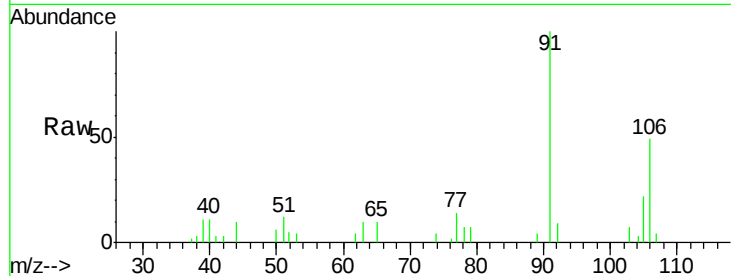
Ion Ratio Lower Upper

106 100

91 203.9 149.9 278.3

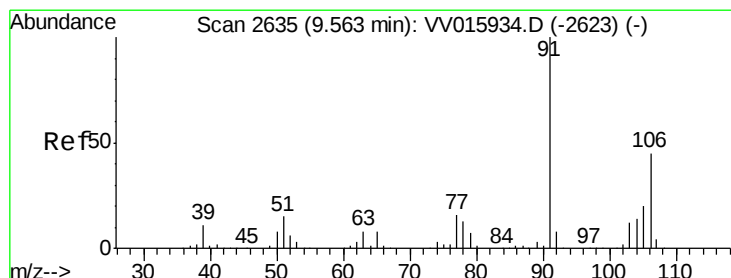
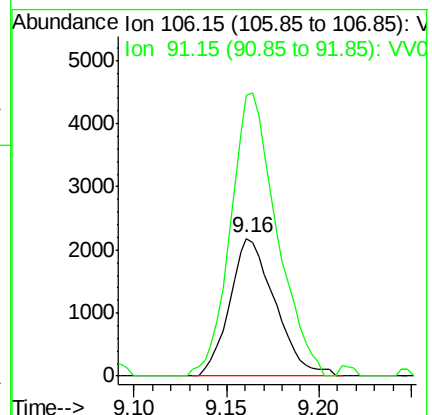
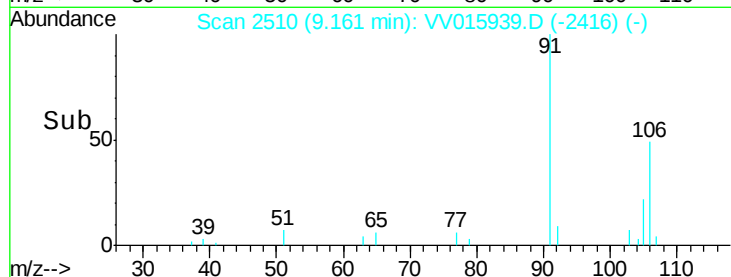
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.234 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV015939.D

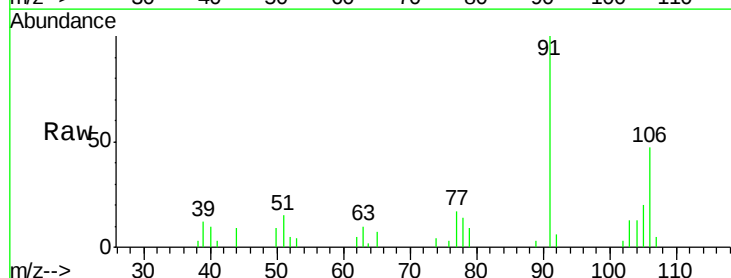
Acq: 07 May 2020 14:46

Tgt Ion:106 Resp: 3573

Ion Ratio Lower Upper

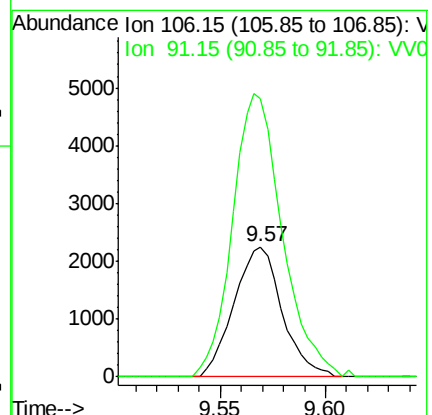
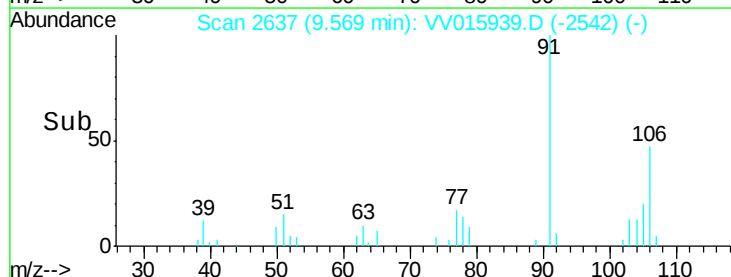
106 100

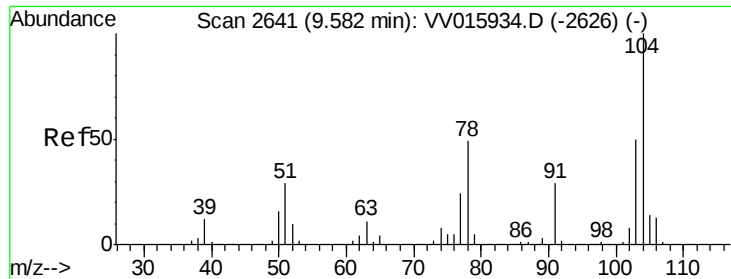
91 214.0 159.7 296.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#57

Stvrene

Concen: 0.215 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

MDL01

Tot Ion:104 Resp: 5496

Ion Ratio Lower Upper

104 100

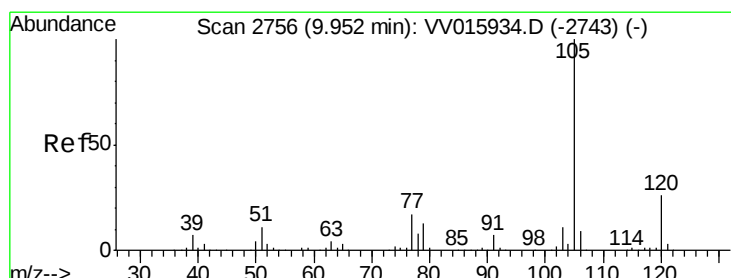
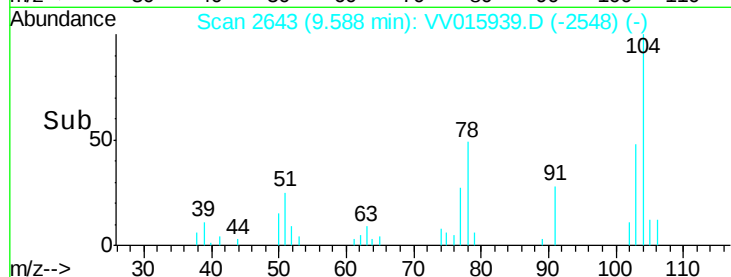
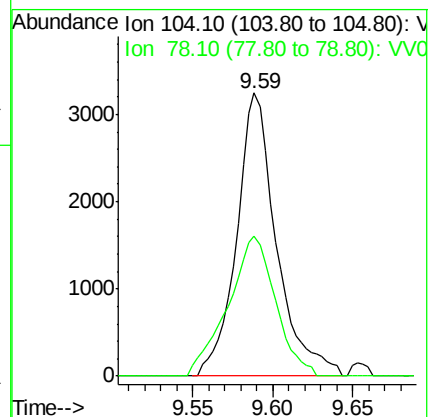
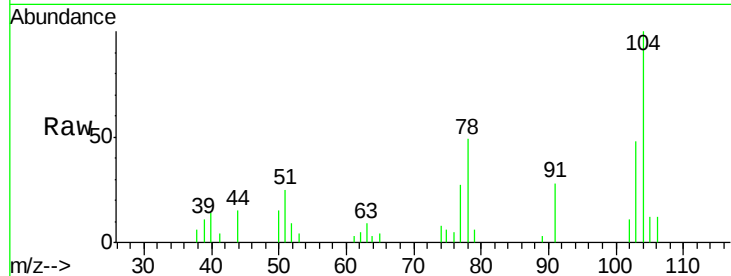
78 49.4 33.9 63.0

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#58

Isopropylbenzene

Concen: 0.227 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

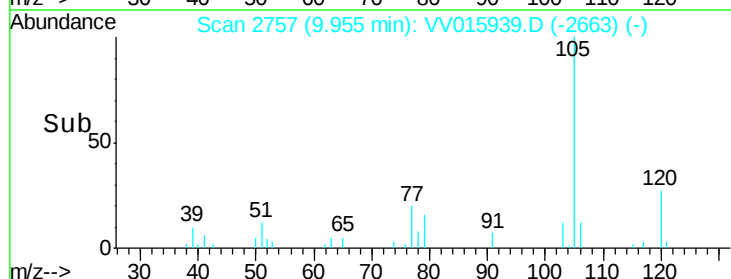
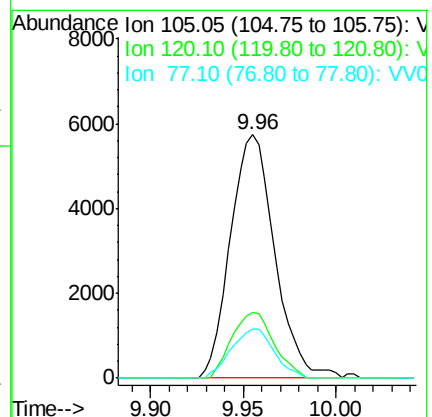
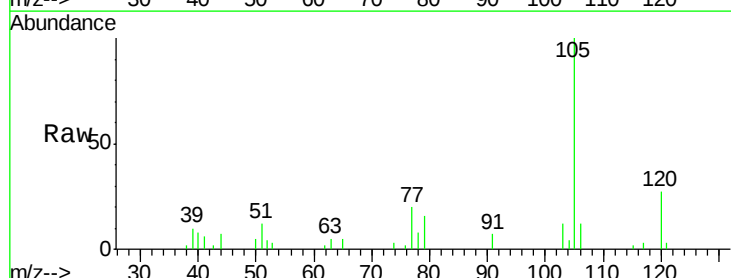
Tgt Ion:105 Resp: 9515

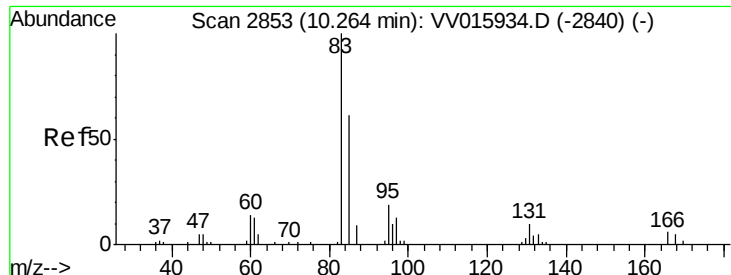
Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

77 19.4 14.1 21.1





#60

1,1,2,2-Tetrachloroethane

Concen: 0.288 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

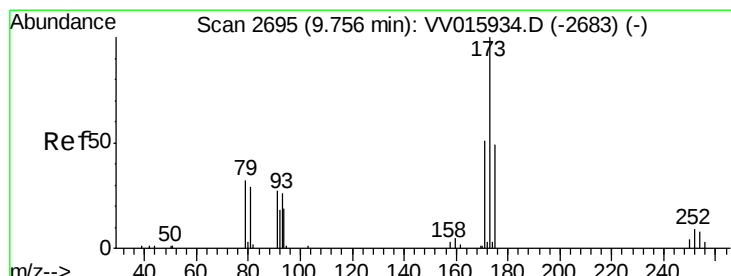
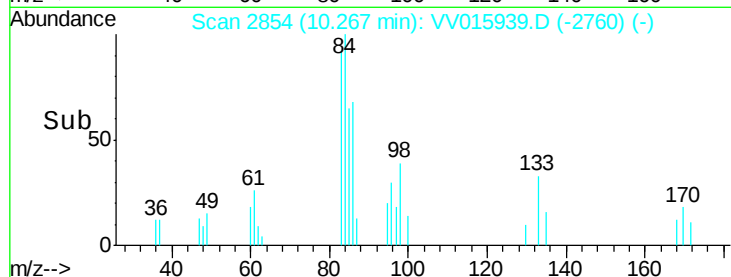
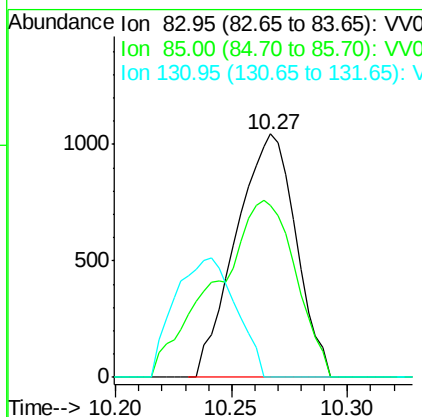
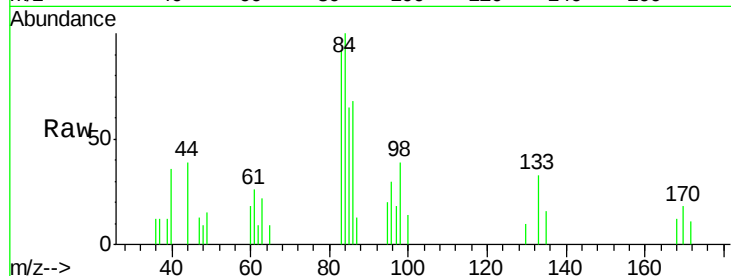
ClientSampled :

MDL01

Tot Ion:	83	Resp:	1868
Ion Ratio	Lower	Upper	
83	100		
85	70.8	44.0	81.6
131	0.0	7.7	11.5#

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#62

Bromoform

Concen: 0.213 ug/L

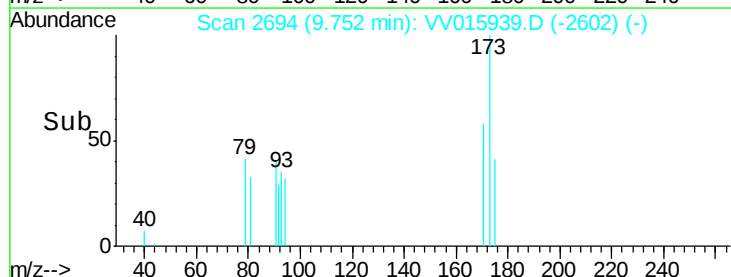
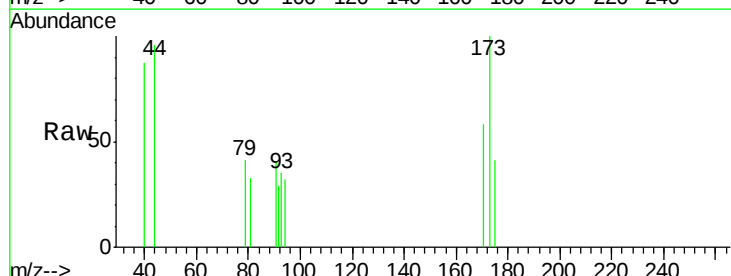
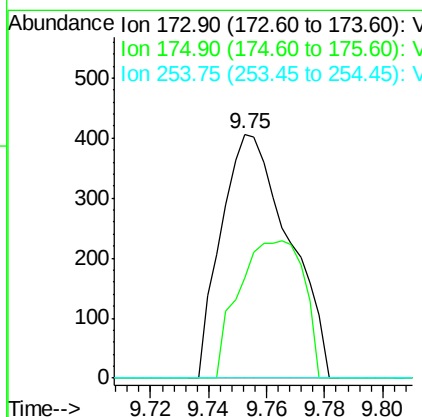
RT: 9.75 min Scan# 2694

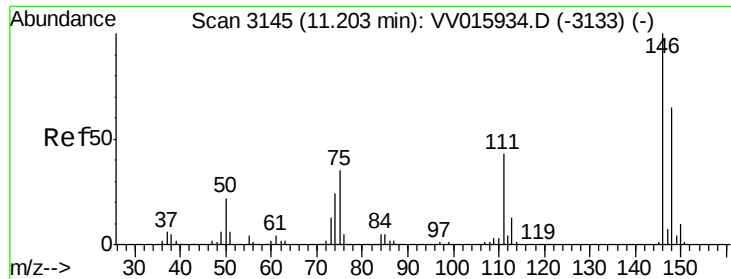
Delta R.T. -0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Tgt Ion:	173	Resp:	656
Ion Ratio	Lower	Upper	
173	100		
175	54.0	39.8	59.8
254	0.0	7.1	10.7#





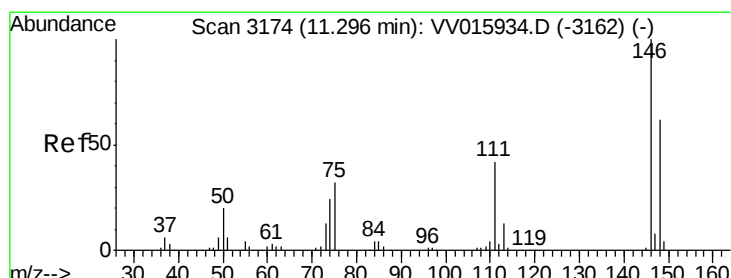
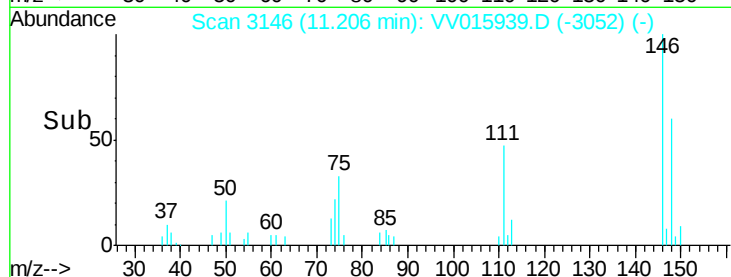
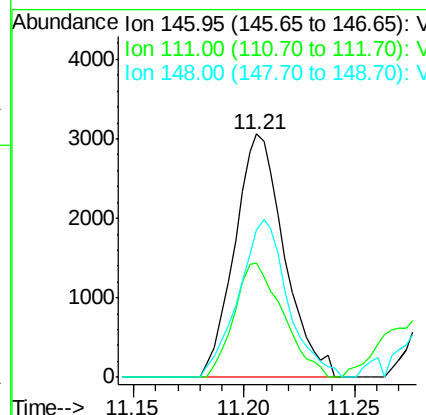
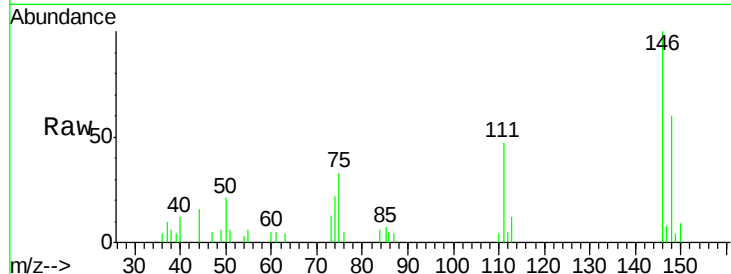
#63
 1,3-Dichlorobenzene
 Concen: 0.264 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.0	28.7	53.3
148	60.5	44.0	81.8

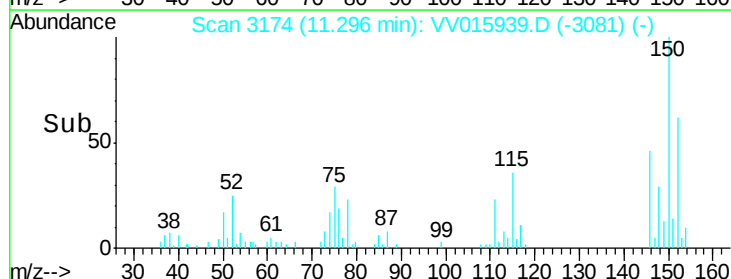
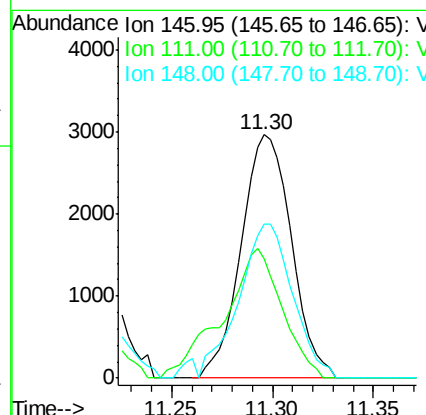
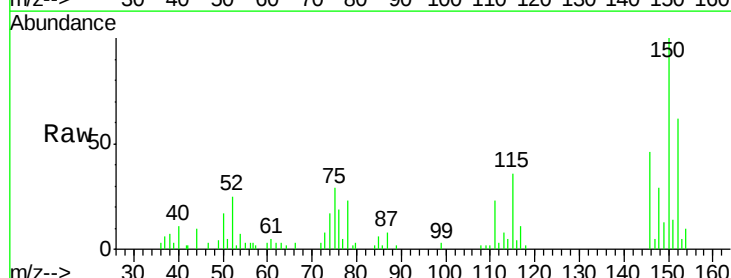
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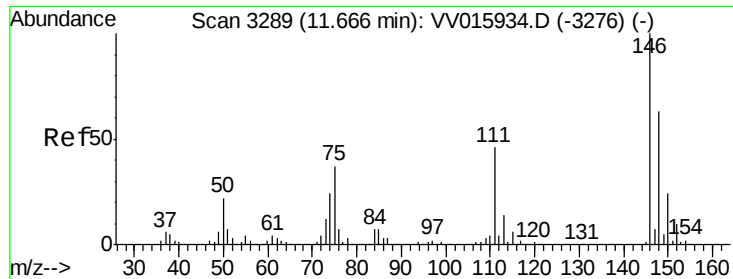
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#64
 1,4-Dichlorobenzene
 Concen: 0.286 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	28.9	53.7
148	63.0	44.6	82.8





#66

1,2-Dichlorobenzene

Concen: 0.298 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

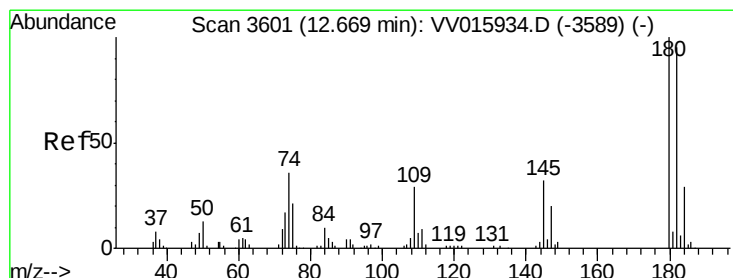
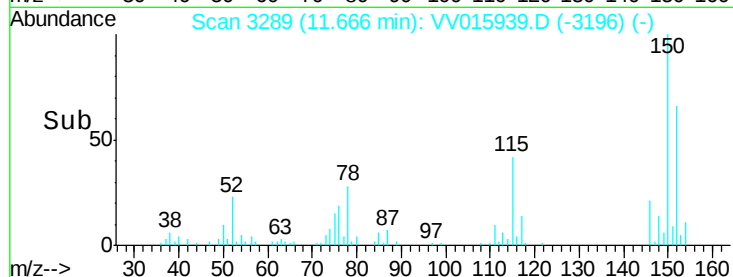
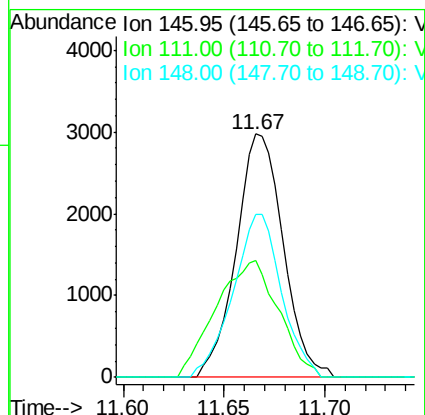
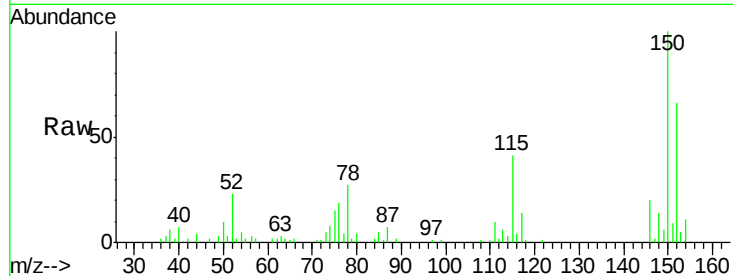
ClientSampled :

MDL01

Tot Ion:	146	Resp:	4860
Ion Ratio	Lower	Upper	
146	100		
111	47.9	37.0	55.4
148	66.9	49.8	74.6

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#68

1,3,5-Trichlorobenzene

Concen: 0.289 ug/L

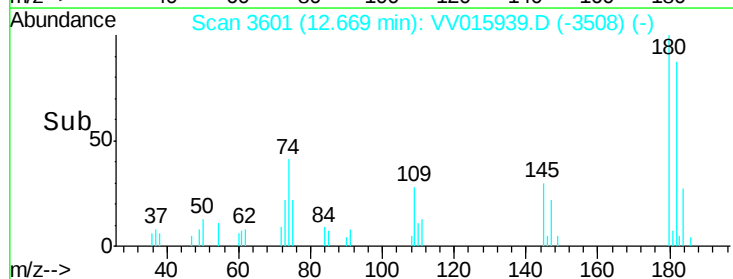
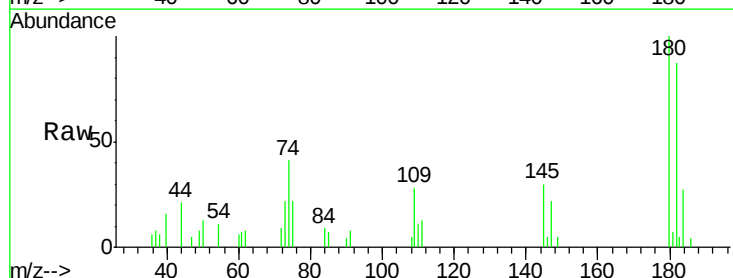
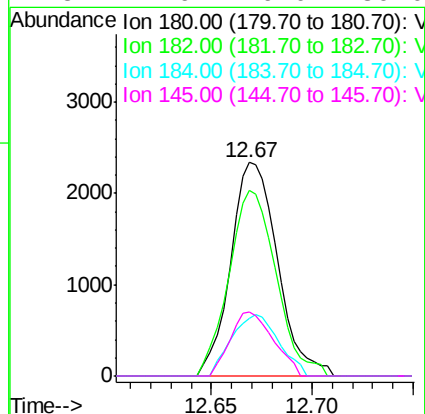
RT: 12.67 min Scan# 3601

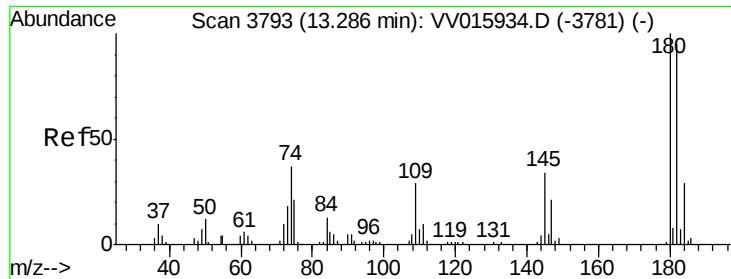
Delta R.T. -0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Tgt Ion:	180	Resp:	3802
Ion Ratio	Lower	Upper	
180	100		
182	87.6	75.8	113.6
184	28.9	24.6	36.8
145	27.6	26.0	39.0





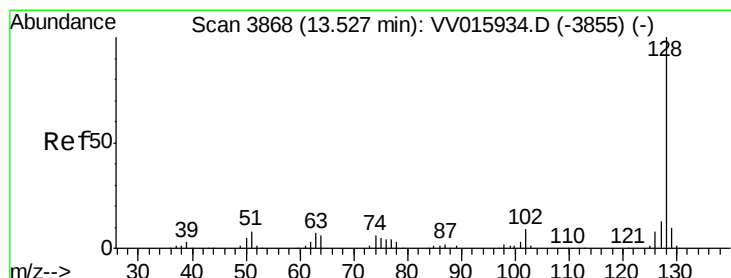
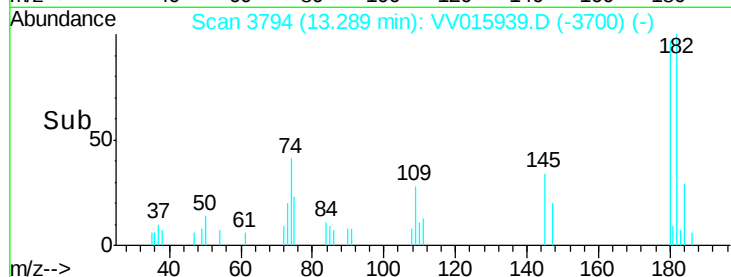
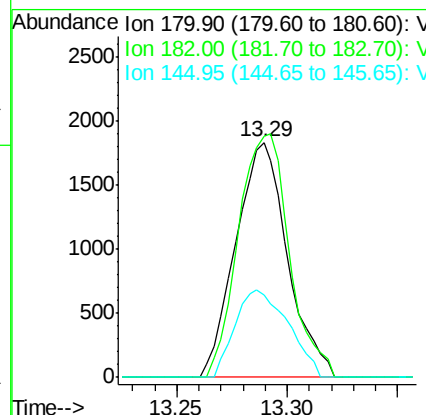
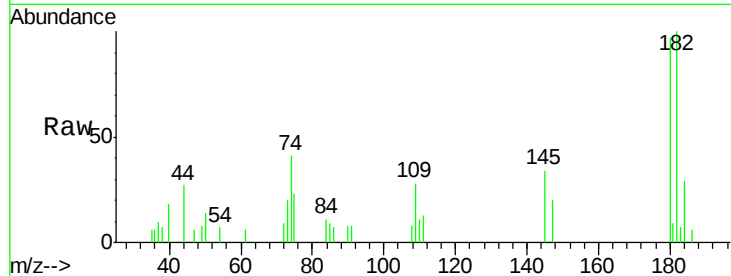
#69
 1,2,4-trichlorobenzene
 Concen: 0.264 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.9	76.7	115.1
145	38.0	26.4	39.6

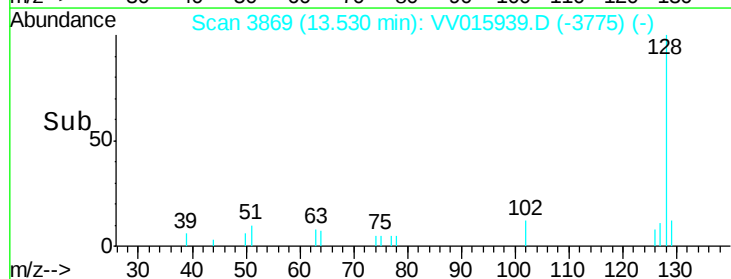
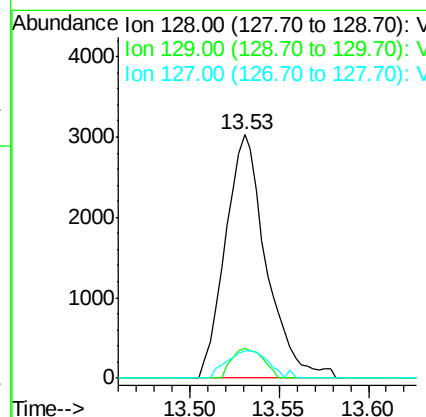
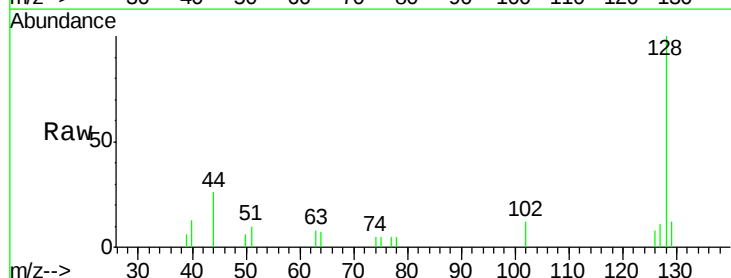
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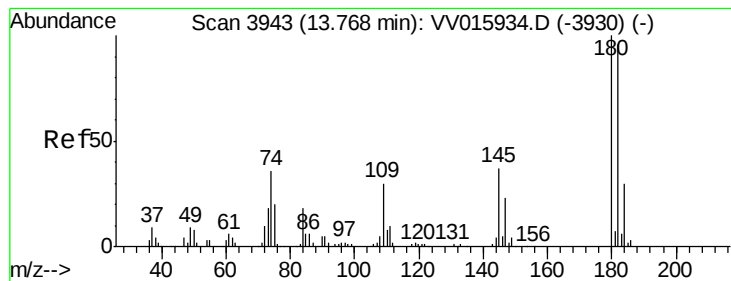
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#70
 Naphthalene
 Concen: 0.268 ug/L
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.00 min
 Lab File: VV015939.D
 Acq: 07 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.2	8.5	12.7
127	11.6	10.2	15.2





#71

1,2,3-Trichlorobenzene

Concen: 0.254 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV015939.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion:180 Resp: 2538

Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

145 46.5 28.3 42.5#

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