

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017612.D
 Acq On : 23 Jul 2020 19:03
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
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 7/24/2020 7:07:05 PM

Quant Time: Jul 24 11:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	180005	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	177535	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43390	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	34219	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.12	63	73178	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.94	46	99848	48.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.37	84	104099	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	54258	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.07	84	188754	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.09	67	52189	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	174907	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.65	79	22031	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	8.11	63	67522	44.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35765	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	69869	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	6203	0.314 ug/L	94
3) Chloromethane	1.25	50	4656	0.363 ug/L	98
5) Vinyl chloride	1.32	62	4923	0.383 ug/L #	77
6) Bromomethane	1.53	94	2913	0.352 ug/L	92
8) Chloroethane	1.60	64	2388m	0.322 ug/L	
9) Trichlorofluoromethane	1.76	101	7996	0.348 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4286	0.399 ug/L	94
12) 1,1-Dichloroethene	2.14	96	4006	0.413 ug/L #	1
13) Acetone	2.23	43	5563m	3.456 ug/L	
14) Carbon disulfide	2.31	76	9744	0.331 ug/L #	87
15) Methyl Acetate	2.46	43	867m	0.277 ug/L	
16) Methylene chloride	2.53	84	5287	0.490 ug/L	93
17) Methyl tert-butyl Ether	2.79	73	8197	0.330 ug/L #	85
18) trans-1,2-Dichloroethene	2.78	96	4092	0.387 ug/L	83
19) 1,1-Dichloroethane	3.21	63	7777	0.350 ug/L	91
21) 2-Butanone	4.05	43	6381m	2.348 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	4730	0.356 ug/L #	83

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Manual Integrations
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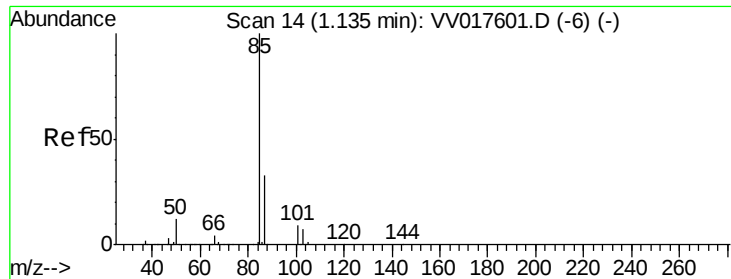
sam
 7/24/2020 7:07:05 PM

Quant Time: Jul 24 11:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:22:38 2020
 Response via : Initial Calibration

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

23) Bromochloromethane	4.28	128	1922	0.314	ug/L #	75
25) Chloroform	4.41	83	9496	0.381	ug/L	95
27) 1,2-Dichloroethane	5.16	62	6086	0.377	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	7920	0.319	ug/L	96
30) Cyclohexane	4.70	56	6303	0.320	ug/L	94
31) Carbon tetrachloride	4.85	117	6948	0.314	ug/L	96
33) Benzene	5.13	78	16261	0.324	ug/L	100
34) Trichloroethene	5.94	95	4850	0.346	ug/L	95
35) Methylcyclohexane	6.15	83	6098	0.287	ug/L	88
37) 1,2-Dichloropropane	6.20	63	3526	0.299	ug/L	99
38) Bromodichloromethane	6.54	83	5513	0.317	ug/L	95
39) cis-1,3-Dichloropropene	7.06	75	5330	0.299	ug/L	89
40) 4-Methyl-2-pentanone	7.26	43	17969	2.775	ug/L #	85
42) Toluene	7.41	91	16905	0.308	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	13055	0.255	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	13267	0.254	ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	4719m	0.295	ug/L	
47) 1,1,2-Trichloroethane	7.86	97	2834	0.316	ug/L	93
49) Tetrachloroethene	8.00	164	4084	0.330	ug/L	92
50) 2-Hexanone	8.17	43	19121	4.173	ug/L	99
51) Dibromochloromethane	8.27	129	3750	0.329	ug/L	97
52) 1,2-Dibromoethane	8.38	107	2738	0.324	ug/L #	83
53) Chlorobenzene	8.91	112	11690	0.320	ug/L	96
54) Ethylbenzene	9.04	91	17673	0.288	ug/L	94
55) m,p-xylene	9.16	106	6994	0.303	ug/L	91
56) o-xylene	9.57	106	6422	0.286	ug/L	100
57) Styrene	9.59	104	9719	0.260	ug/L	93
58) Isopropylbenzene	9.95	105	16311	0.264	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.26	83	2856	0.293	ug/L #	90
62) Bromoform	9.75	173	1674	0.320	ug/L #	94
63) 1,3-Dichlorobenzene	11.21	146	9291	0.353	ug/L	91
64) 1,4-Dichlorobenzene	11.30	146	9636	0.365	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	8728	0.364	ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.45	75	493	0.329	ug/L #	79
68) 1,3,5-Trichlorobenzene	12.67	180	7405	0.346	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	5872	0.328	ug/L	92
70) Naphthalene	13.53	128	7453	0.299	ug/L	96
71) 1,2,3-Trichlorobenzene	13.77	180	4962	0.313	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 0.314 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion: 85 Resp: 6203

Ion Ratio Lower Upper

85 100

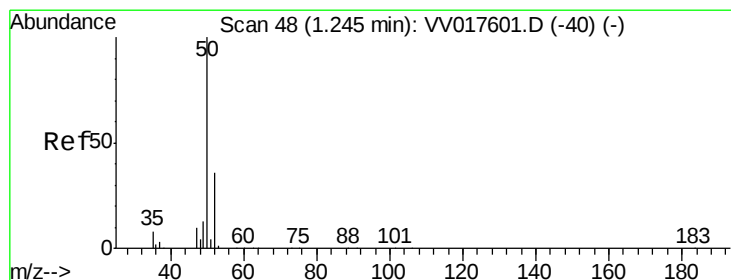
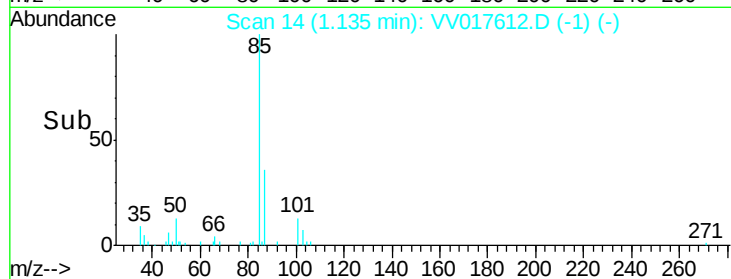
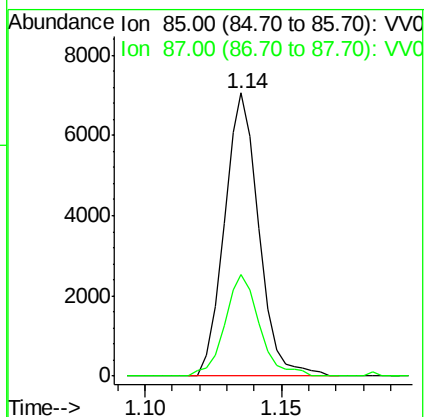
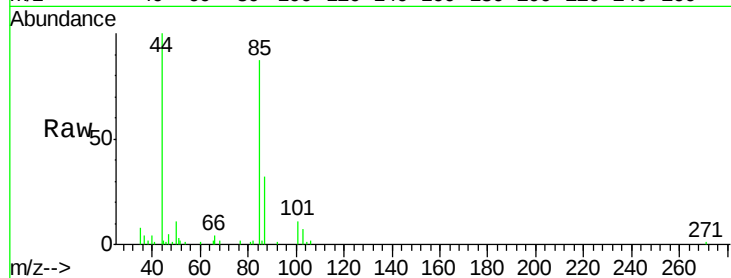
87 36.3 26.4 39.6

Manual Integrations

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#3

Chloromethane

Concen: 0.363 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017612.D

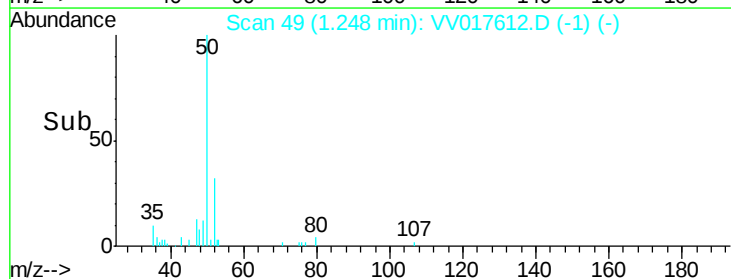
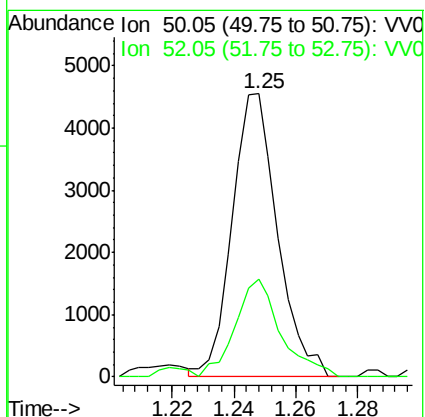
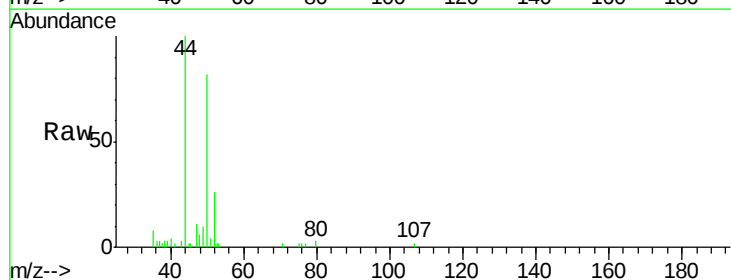
Acq: 23 Jul 2020 19:03

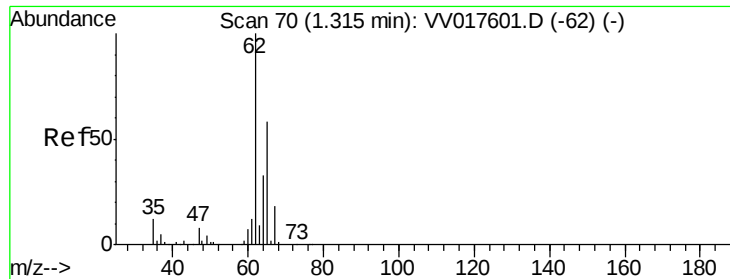
Tgt Ion: 50 Resp: 4656

Ion Ratio Lower Upper

50 100

52 34.4 25.1 46.5





#5

Vinyl chloride

Concen: 0.383 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tot Ion: 62 Resp: 4923

Ion Ratio Lower Upper

62 100

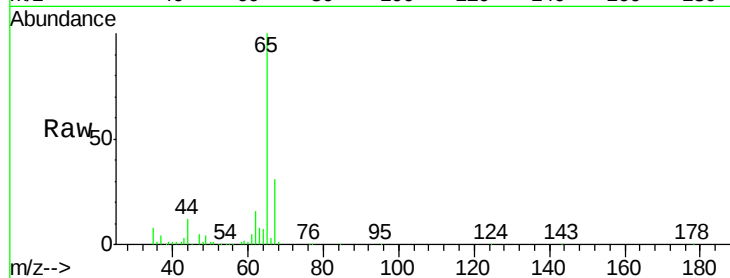
64 45.7 23.0 42.8#

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Abundance Ion 62.00 (61.70 to 62.70): VV017601.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV017601.D (-62) (-)

1.32

4923

4000

3000

2000

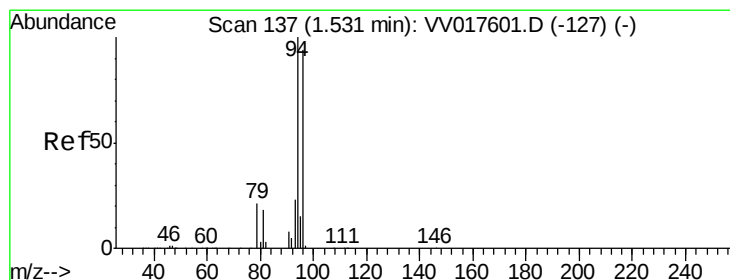
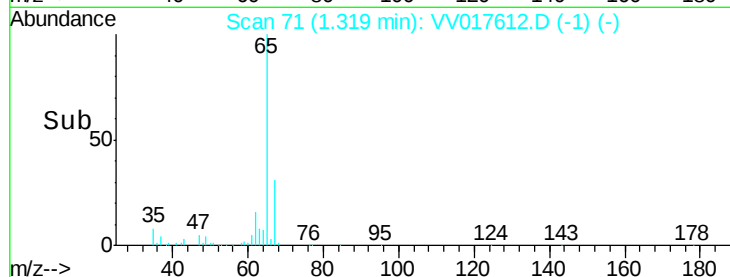
1000

0

1.30

1.35

Time-->



#6

Bromomethane

Concen: 0.352 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV017612.D

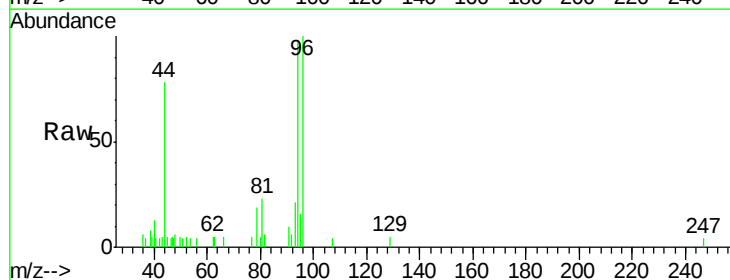
Acq: 23 Jul 2020 19:03

Tgt Ion: 94 Resp: 2913

Ion Ratio Lower Upper

94 100

96 101.6 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV017601.D (-127) (-)

Ion 96.00 (95.70 to 96.70): VV017601.D (-127) (-)

1.53

2913

2500

2000

1500

1000

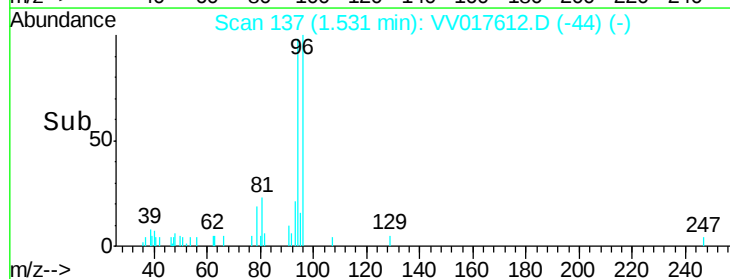
500

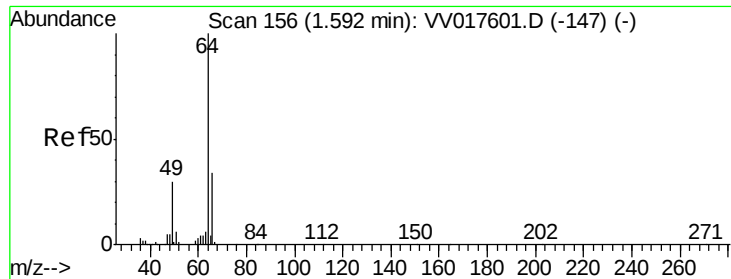
0

1.50

1.55

Time-->





#8

Chloroethane

Concen: 0.322 ug/L m

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion: 64 Resp: 2388

Ion Ratio Lower Upper

64 100

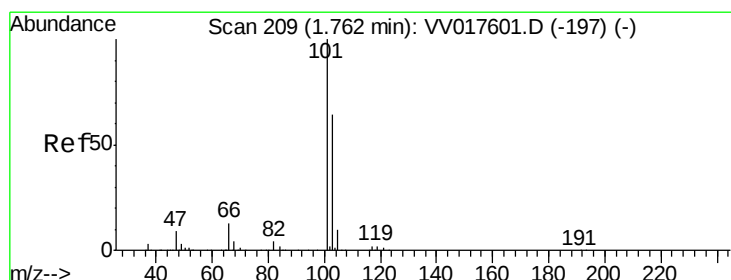
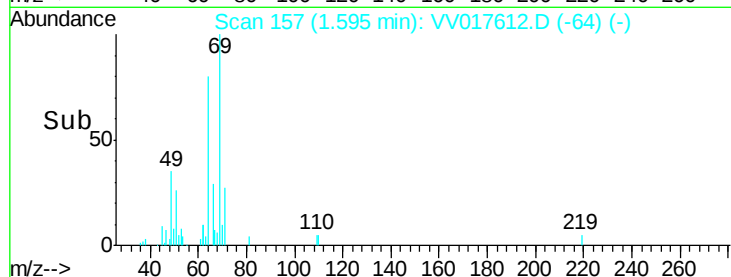
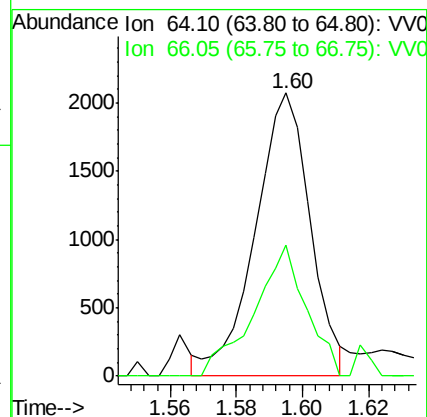
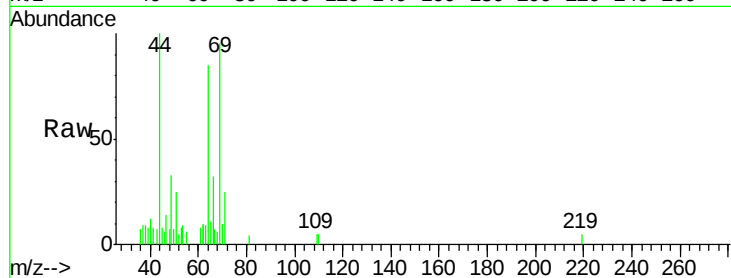
66 38.0 24.0 44.6

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#9

Trichlorofluoromethane

Concen: 0.348 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV017612.D

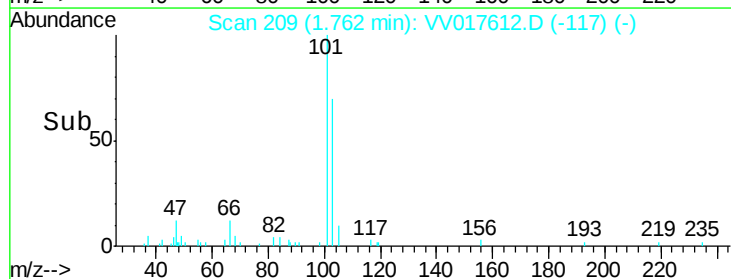
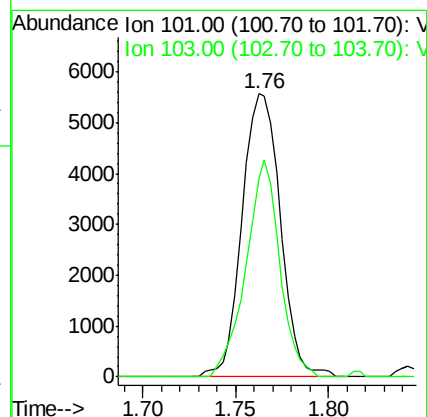
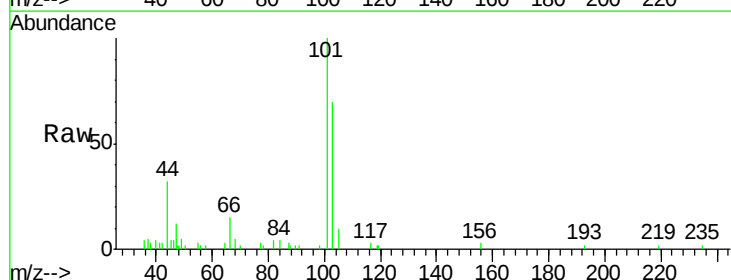
Acq: 23 Jul 2020 19:03

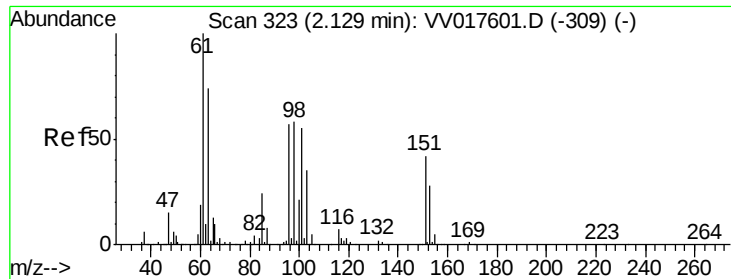
Tgt Ion: 101 Resp: 7996

Ion Ratio Lower Upper

101 100

103 67.5 51.7 77.5





#10

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

Concen: 0.399 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

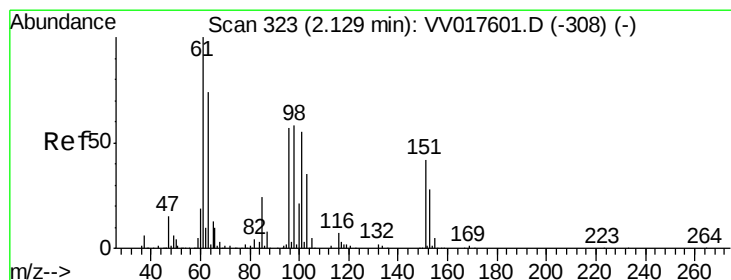
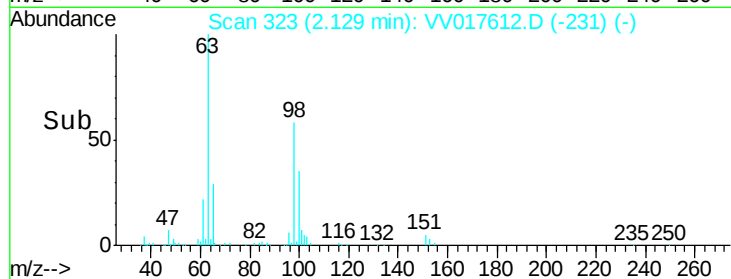
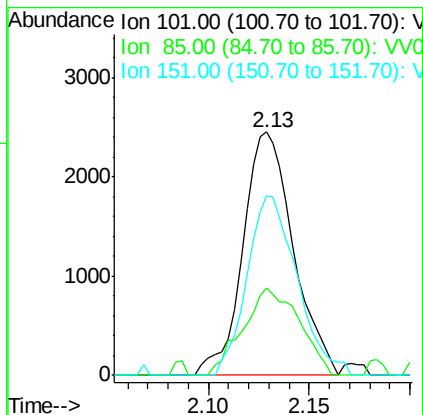
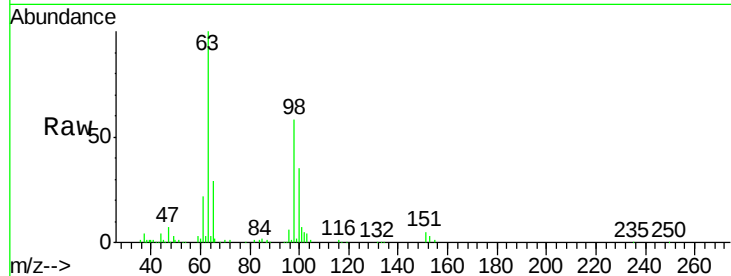
ClientSampleId :

MDL07

Tot Ion:	101	Resp:	4286
Ion Ratio	Lower	Upper	
101	100		
85	40.0	34.6	51.8
151	73.3	63.5	95.3

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#12

1,1-Dichloroethene

Concen: 0.413 ug/L

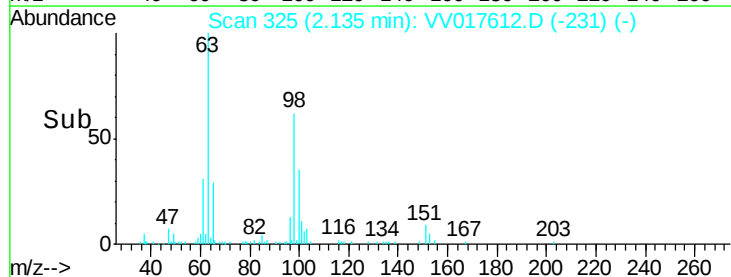
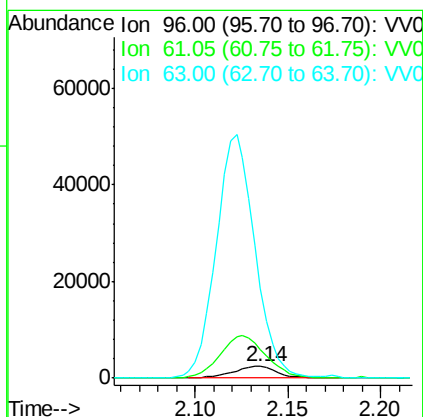
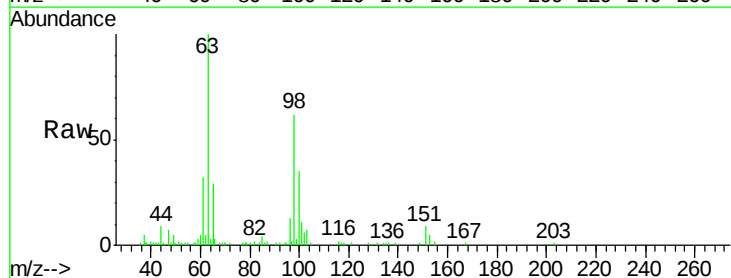
RT: 2.14 min Scan# 325

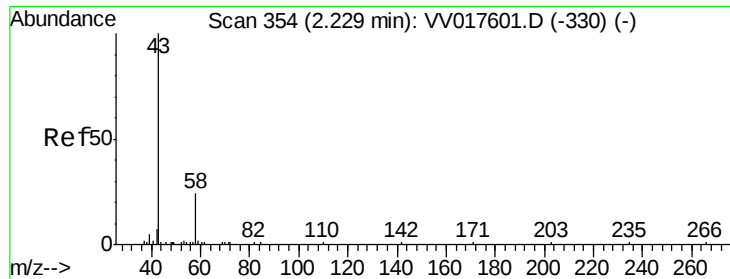
Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Tgt Ion:	96	Resp:	4006
Ion Ratio	Lower	Upper	
96	100		
61	250.6	123.1	228.7#
63	780.8	91.2	169.4#





#13

Acetone

Concen: 3.456 ug/L m

RT: 2.23 min Scan# 355

Delta R.T. 0.02 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion: 43 Resp: 5563

Ion Ratio Lower Upper

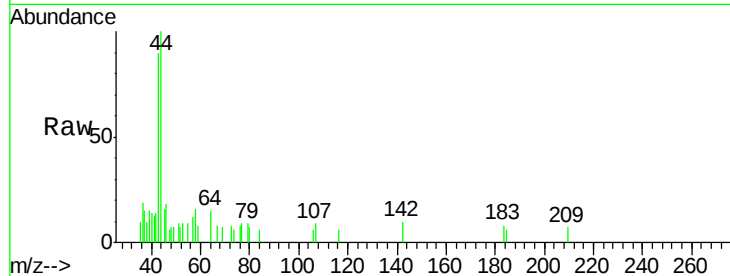
43 100

58 2.9 0.0 18.6

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.23

1500

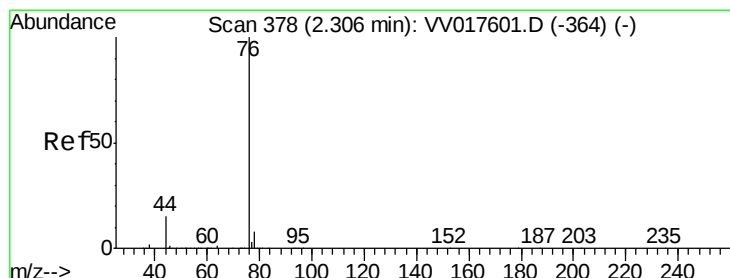
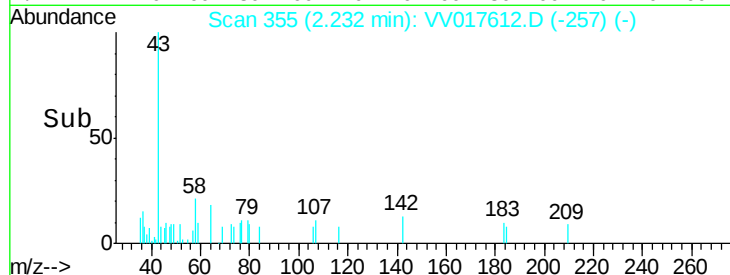
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#14

Carbon disulfide

Concen: 0.331 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV017612.D

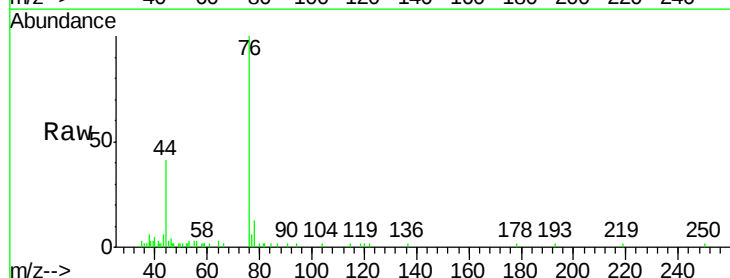
Acq: 23 Jul 2020 19:03

Tgt Ion: 76 Resp: 9744

Ion Ratio Lower Upper

76 100

78 12.9 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

6000

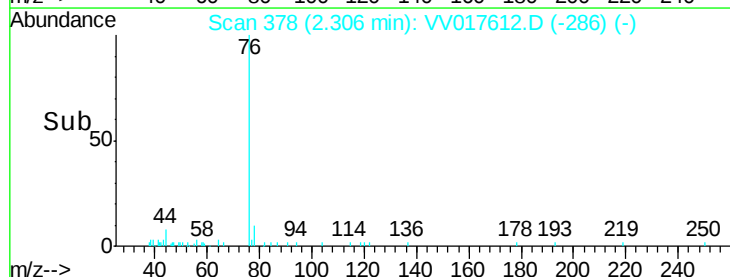
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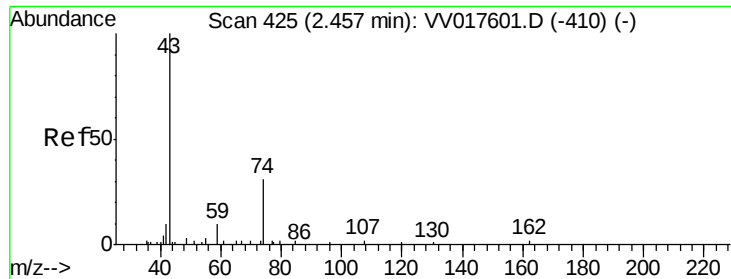
2000

0

2.25 2.30 2.35 2.40

Time-->





#15

Methvl Acetate

Concen: 0.277 ug/L m

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion: 43 Resp: 867

Ion Ratio Lower Upper

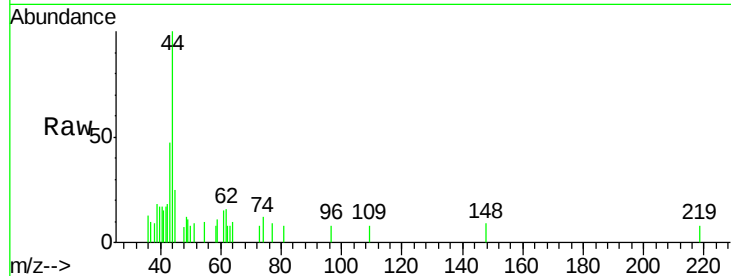
43 100

74 18.8 26.6 40.0#

Manual Integrations
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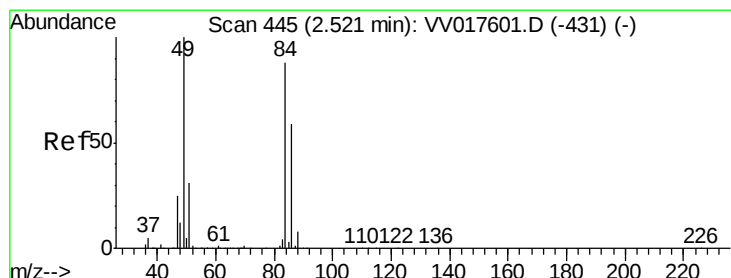
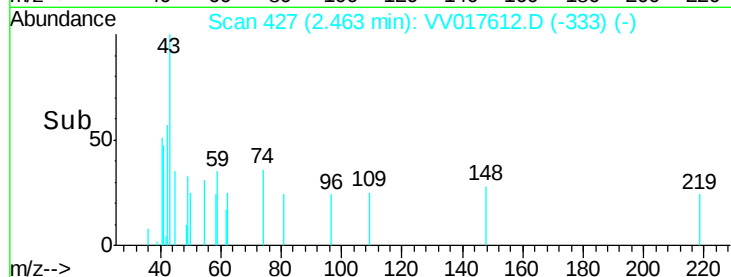
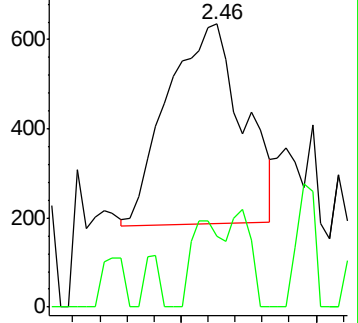
sam

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.490 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

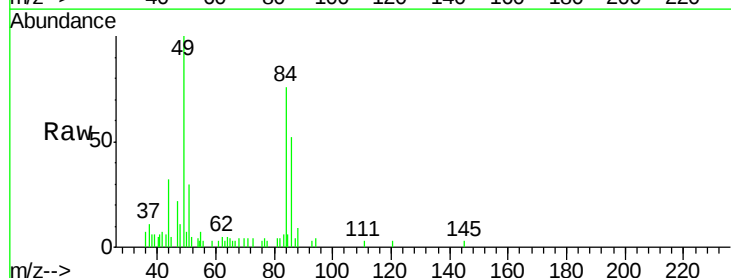
Tgt Ion: 84 Resp: 5287

Ion Ratio Lower Upper

84 100

86 63.3 46.5 86.3

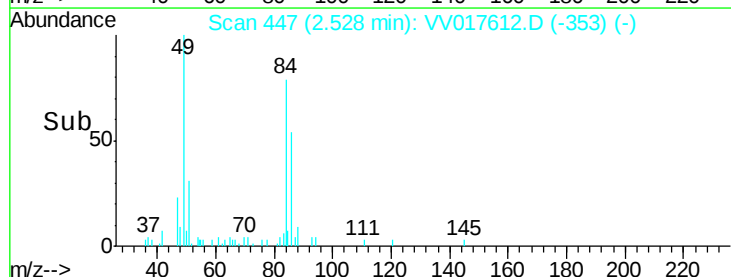
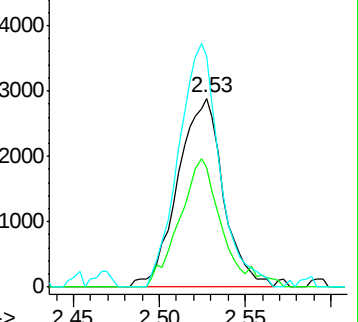
49 121.9 79.2 147.2

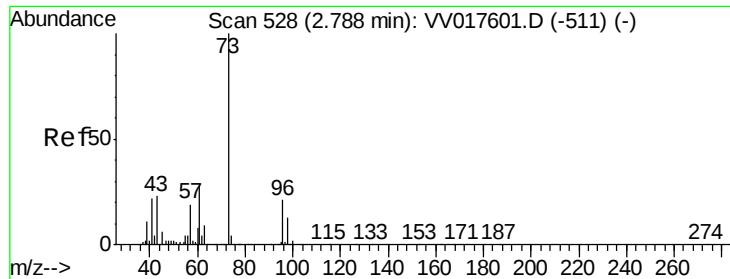


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





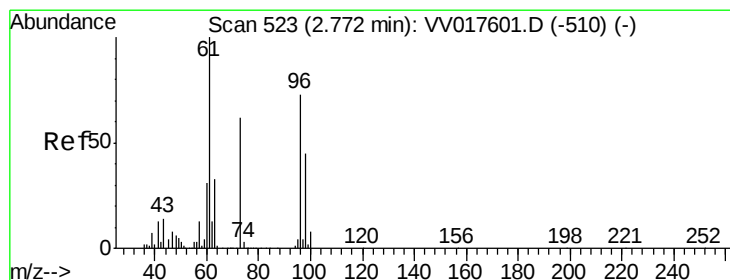
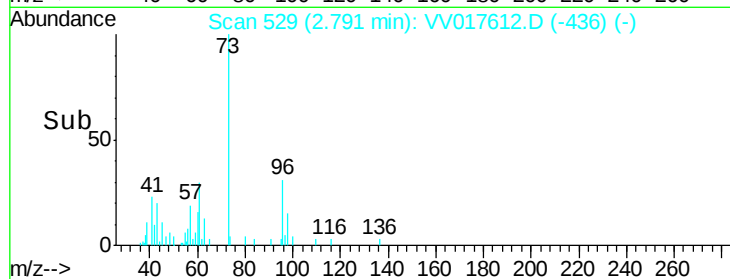
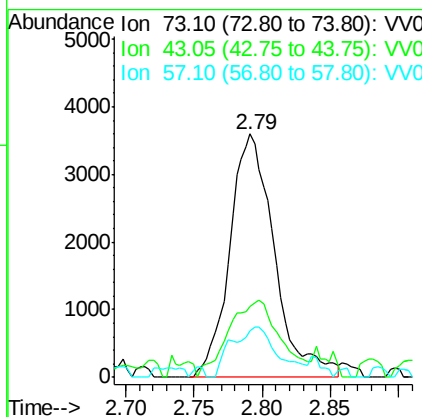
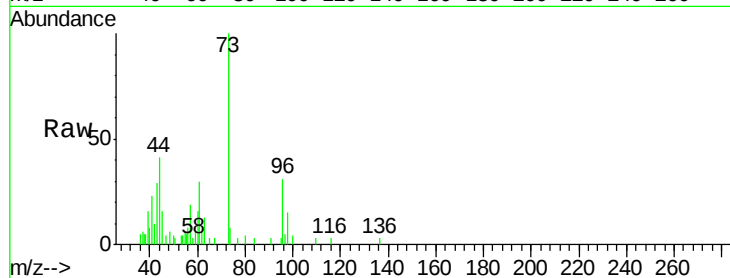
#17
Methvl tert-butvl Ether
Concen: 0.330 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion	Ratio	Lower	Upper
73	100		
43	36.4	18.3	27.5#
57	21.4	16.7	25.1

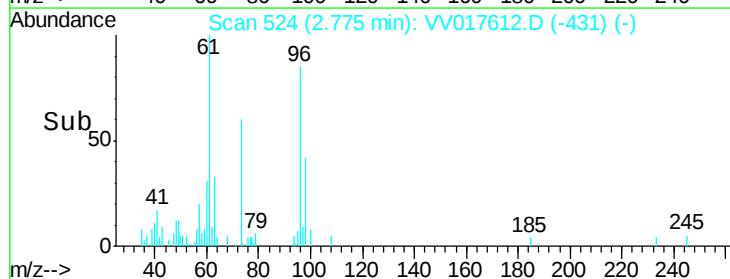
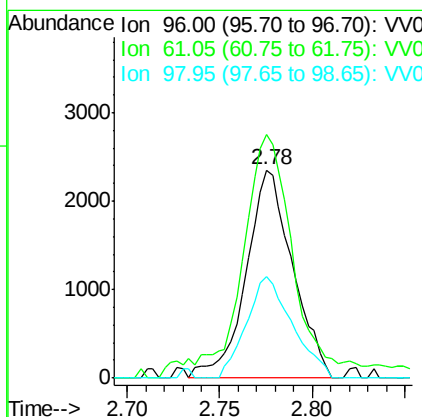
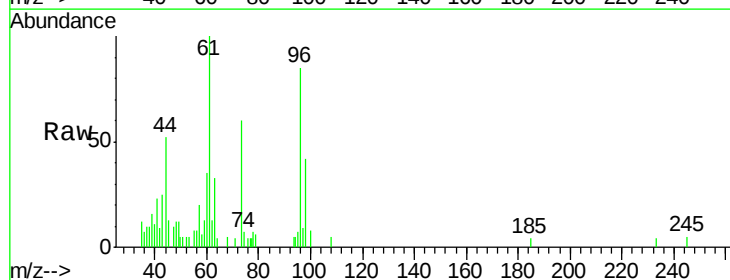
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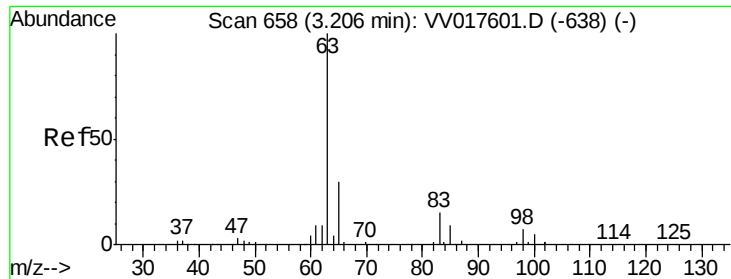
sam
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#18
trans-1,2-Dichloroethene
Concen: 0.387 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	117.0	96.0	178.4
98	48.7	43.5	80.9





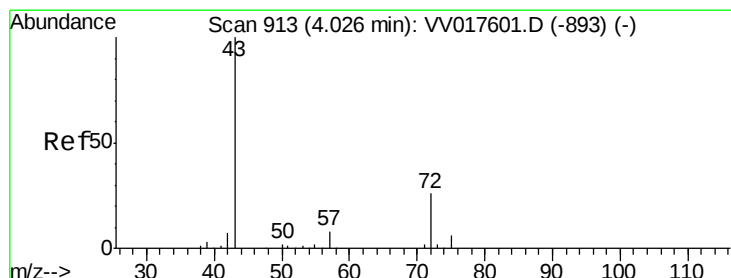
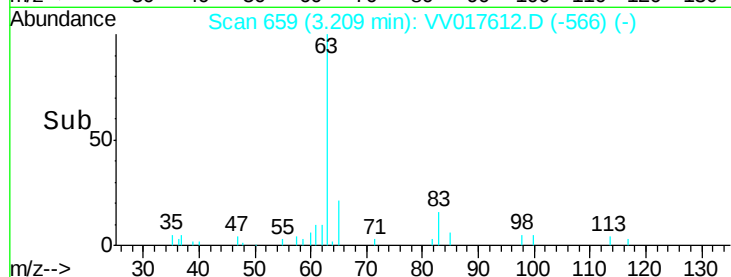
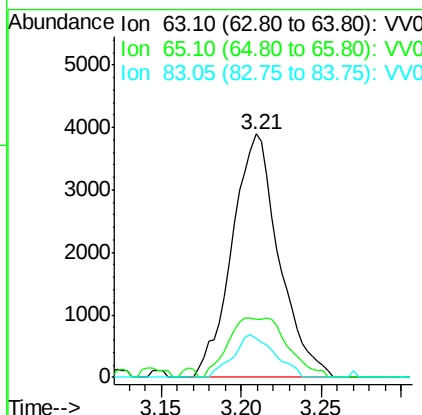
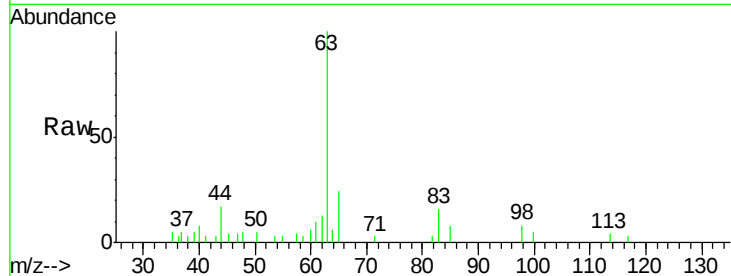
#19
 1,1-Dichloroethane
 Concen: 0.350 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tot Ion	Ratio	Lower	Upper
63	100		
65	23.8	21.4	39.8
83	16.1	10.4	19.4

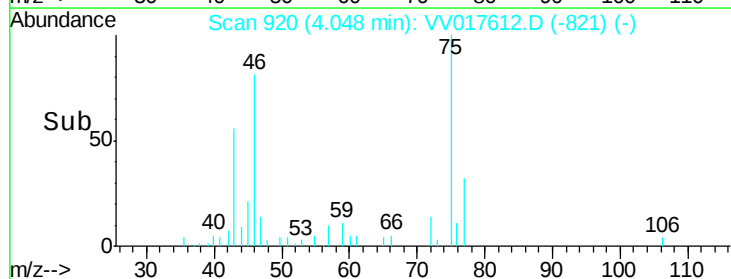
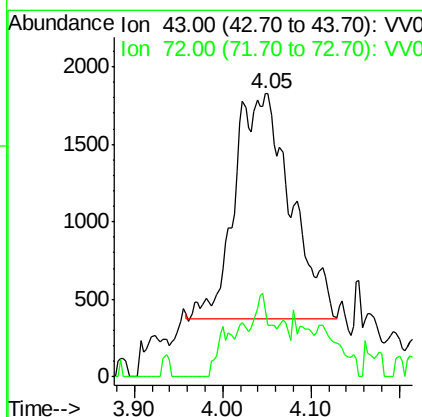
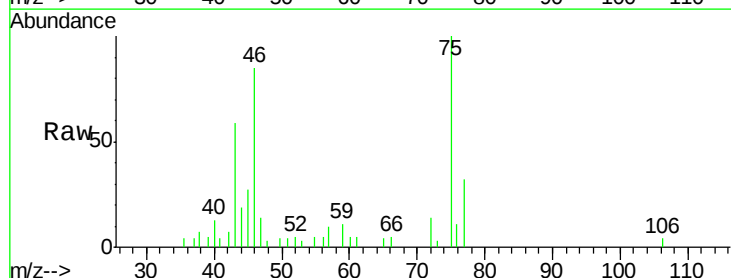
Manual Integrations
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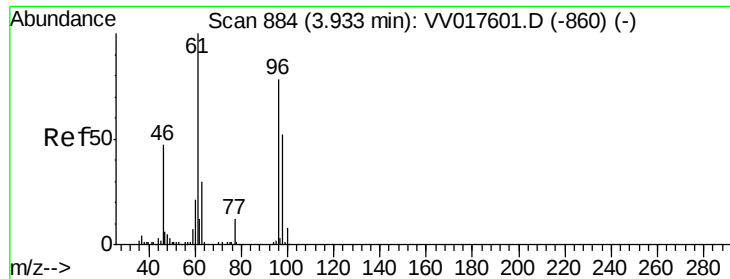
sam
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#21
 2-Butanone
 Concen: 2.348 ug/L m
 RT: 4.05 min Scan# 920
 Delta R.T. 0.02 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
43	100		
72	5.9	13.0	38.9#





#22

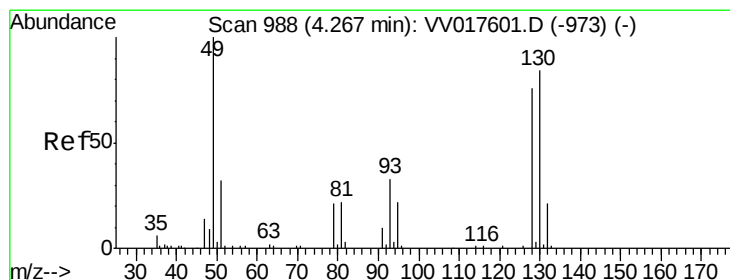
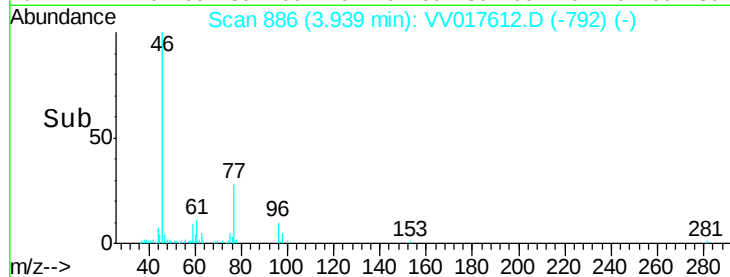
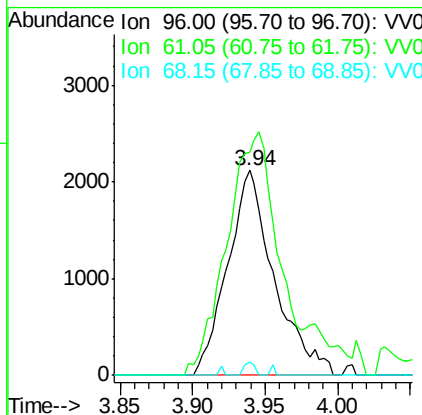
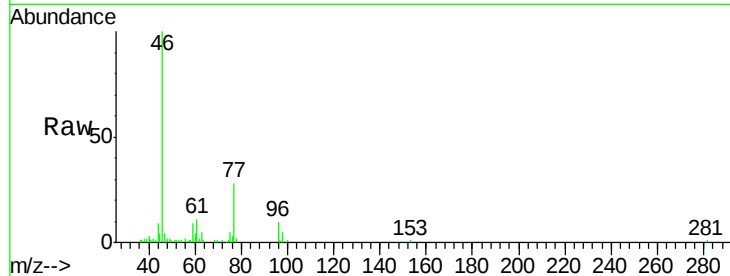
cis-1,2-Dichloroethene
Concen: 0.356 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion	Ratio	Lower	Upper
96	100		
61	108.7	89.6	166.4
68	6.2	0.0	0.0#

Manual Integrations
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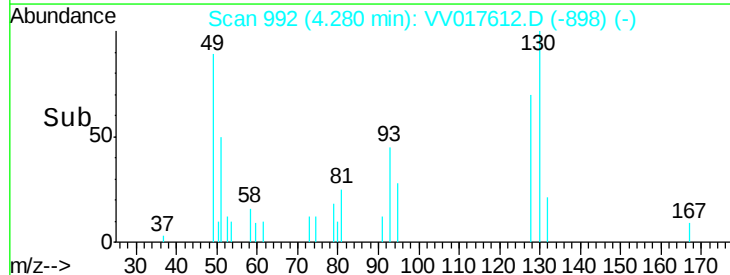
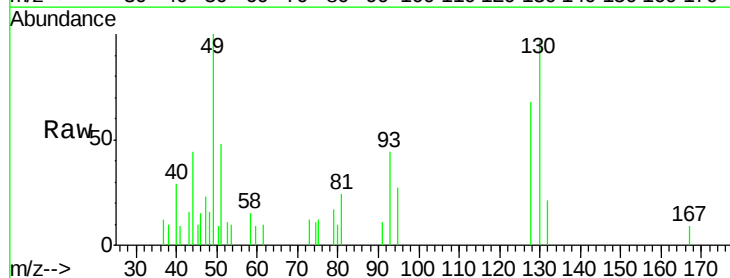
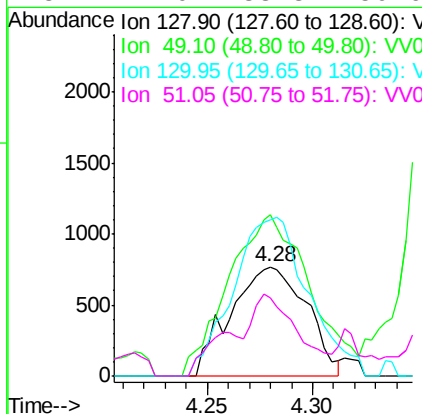
sam
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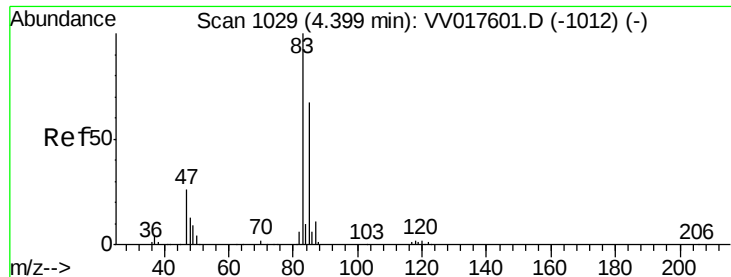


#23

Bromochloromethane
Concen: 0.314 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
128	100		
49	147.7	92.2	171.2
130	143.4	77.2	143.4
51	71.0	33.8	50.6#





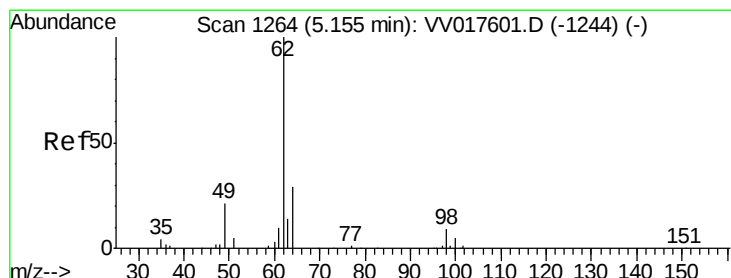
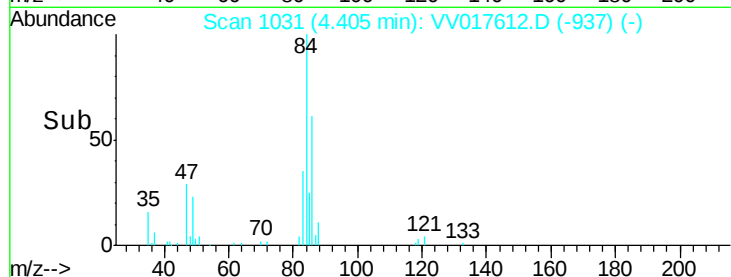
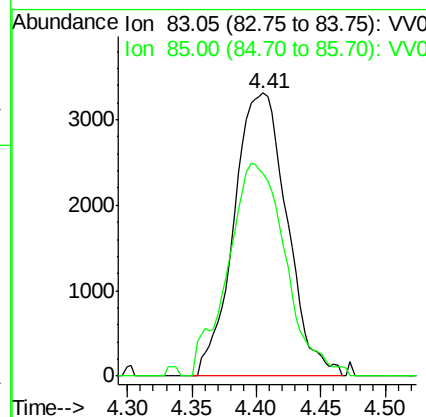
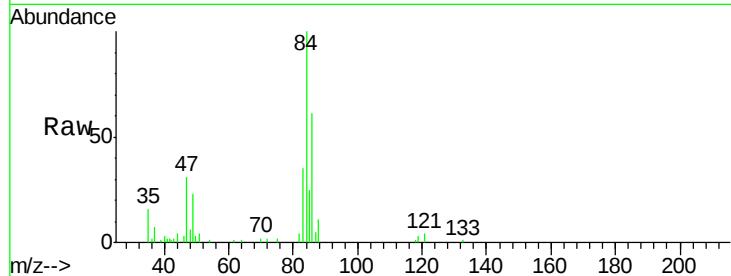
#25
Chloroform
Concen: 0.381 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion: 83 Resp: 9496
Ion Ratio Lower Upper
83 100
85 71.6 47.3 87.9

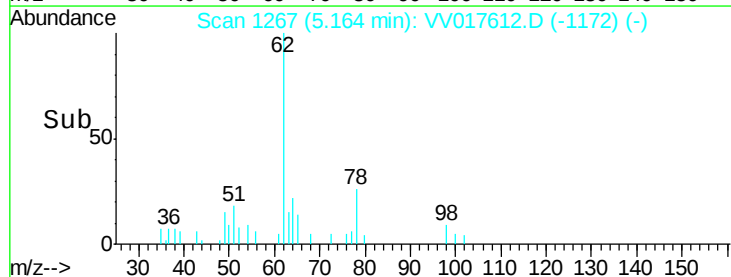
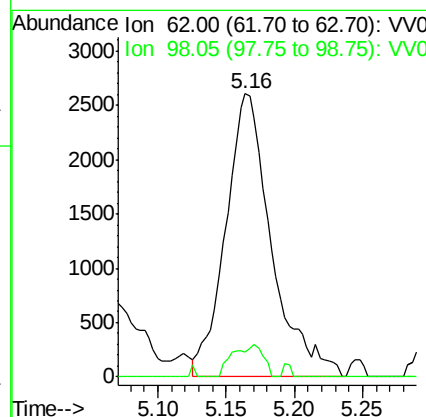
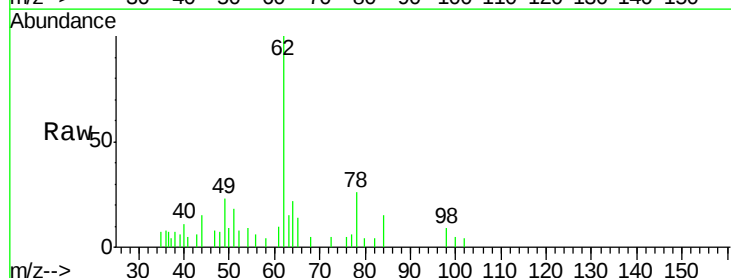
Manual Integrations
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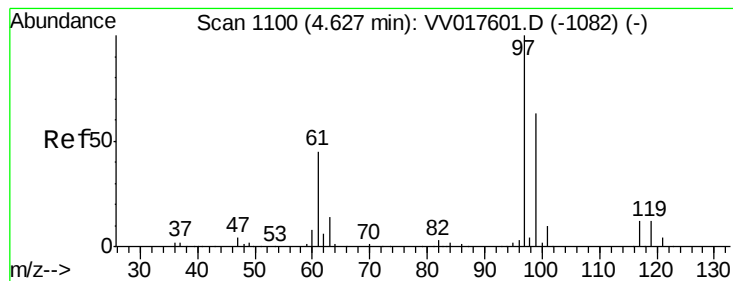
sam
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#27
1,2-Dichloroethane
Concen: 0.377 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Tgt Ion: 62 Resp: 6086
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 0.319 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

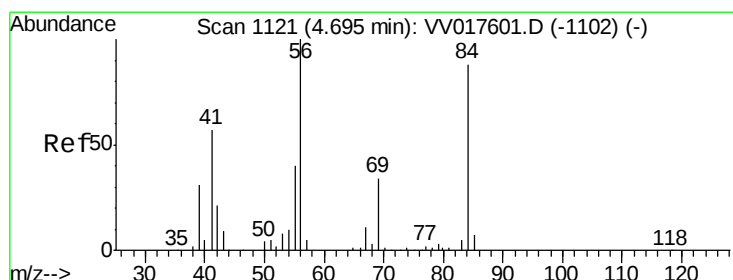
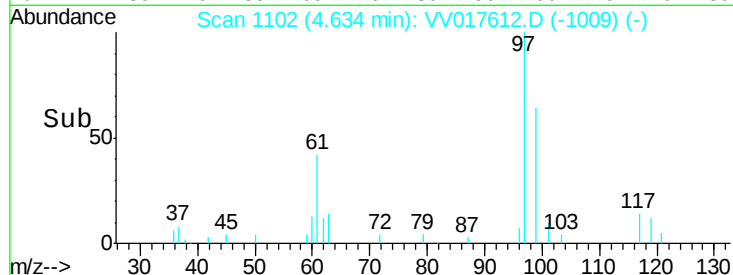
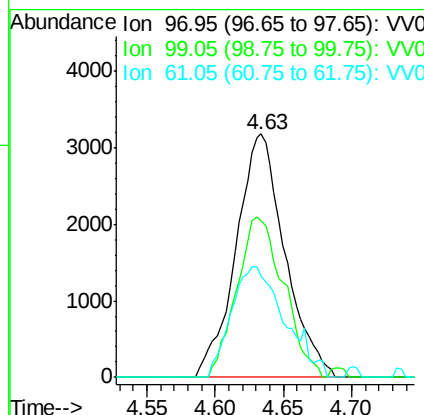
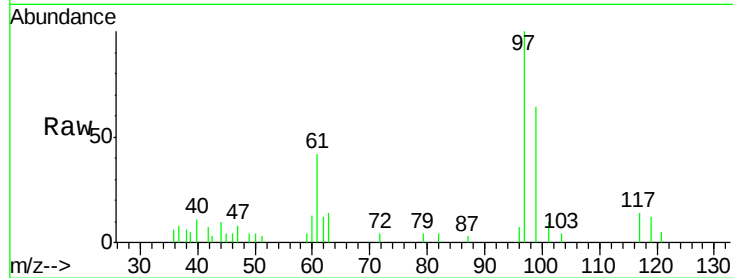
ClientSampled :

MDL07

Tot Ion:	97	Resp:	7920
Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.6	76.0
61	49.7	35.7	53.5

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#30

Cyclohexane

Concen: 0.320 ug/L

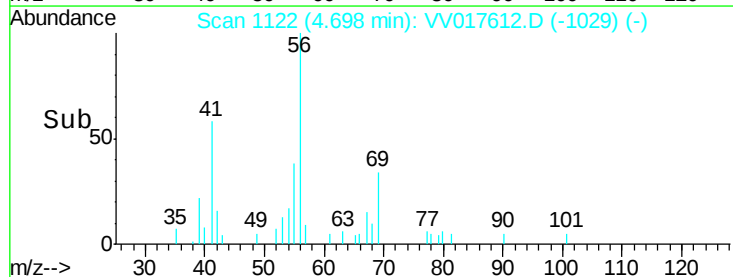
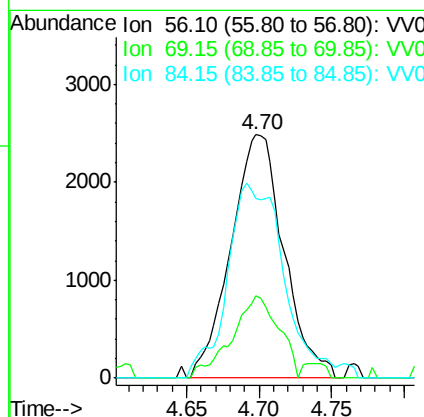
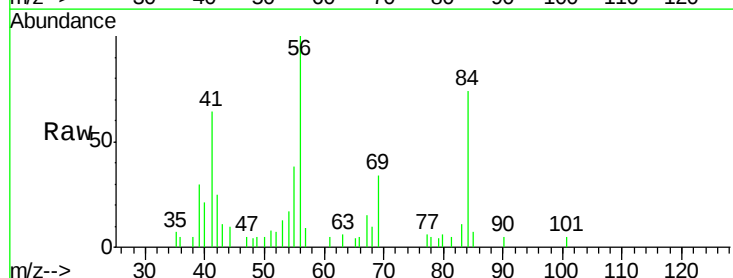
RT: 4.70 min Scan# 1122

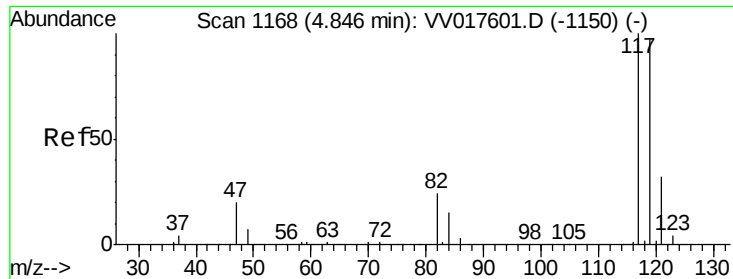
Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Tgt Ion:	56	Resp:	6303
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.4	38.2
84	85.1	73.0	109.4





#31

Carbon tetrachloride

Concen: 0.314 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion:117 Resp: 6948

Ion Ratio Lower Upper

117 100

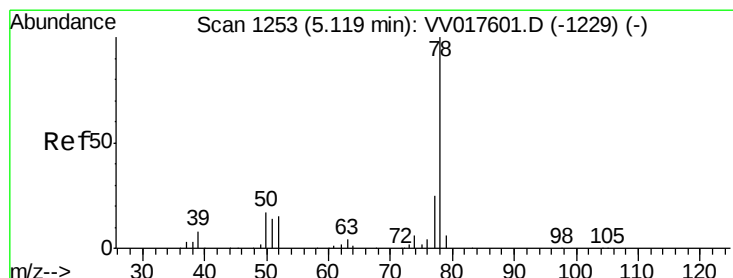
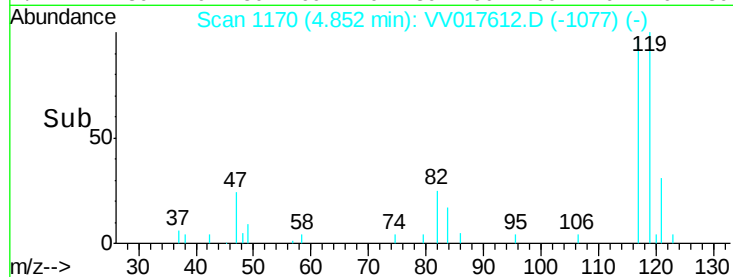
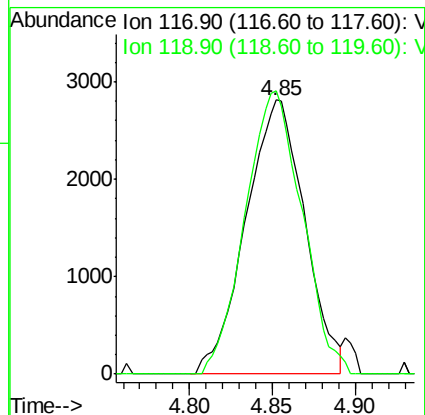
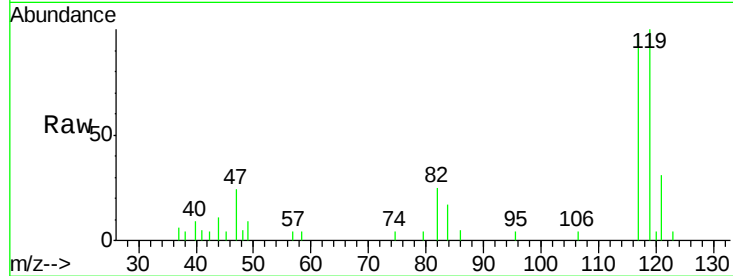
119 100.0 76.9 115.3

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#33

Benzene

Concen: 0.324 ug/L

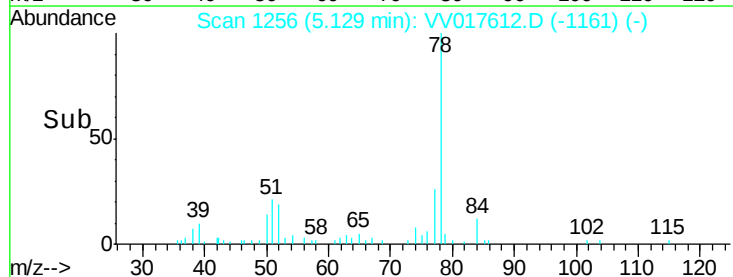
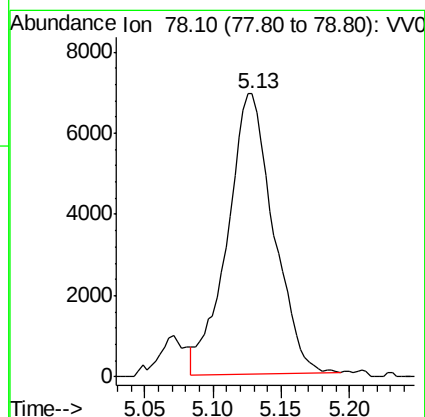
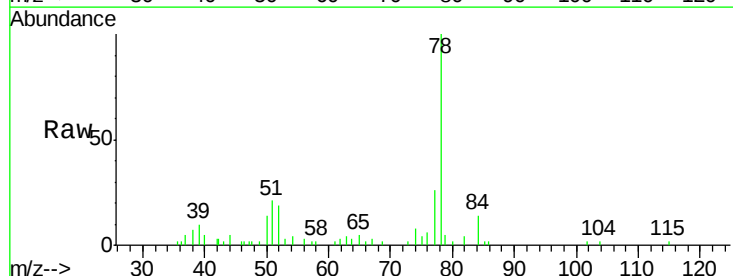
RT: 5.13 min Scan# 1256

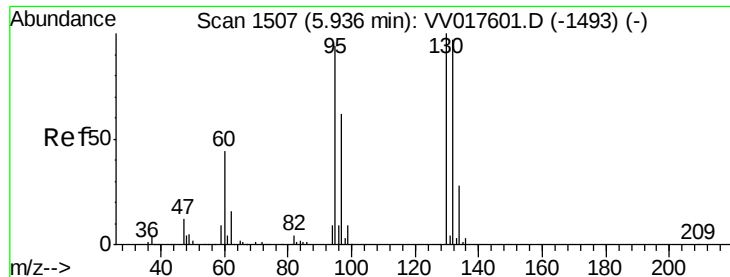
Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Tgt Ion: 78 Resp: 16261





#34

Trichloroethene

Concen: 0.346 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

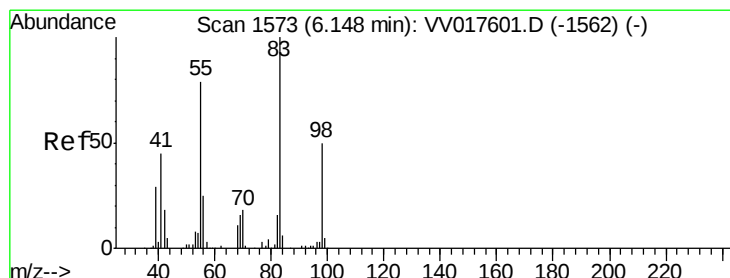
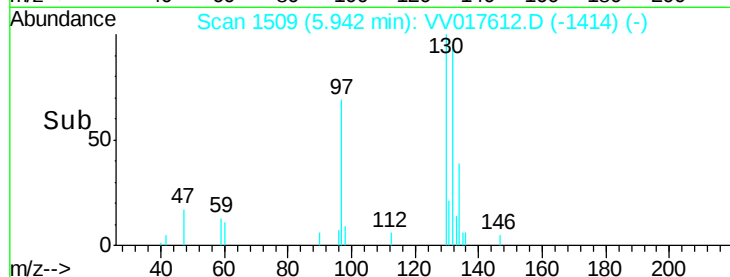
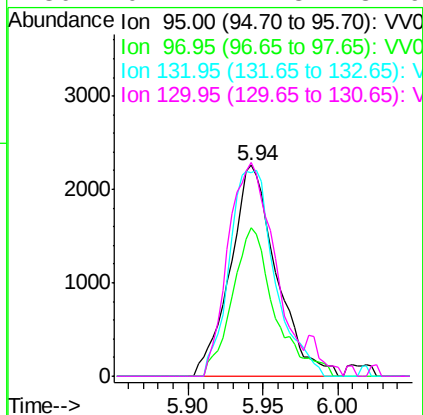
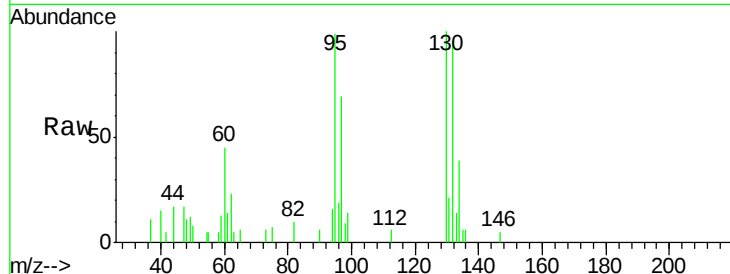
ClientSampleId :

MDL07

Tot Ion:	95	Resp:	4850
Ion	Ratio	Lower	Upper
95	100		
97	70.2	46.1	85.5
132	96.5	71.7	133.1
130	101.4	74.3	137.9

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#35

Methylcyclohexane

Concen: 0.287 ug/L

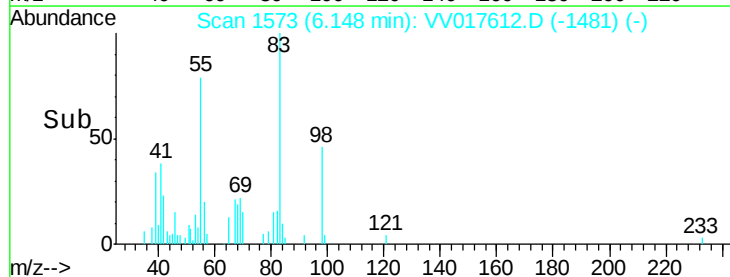
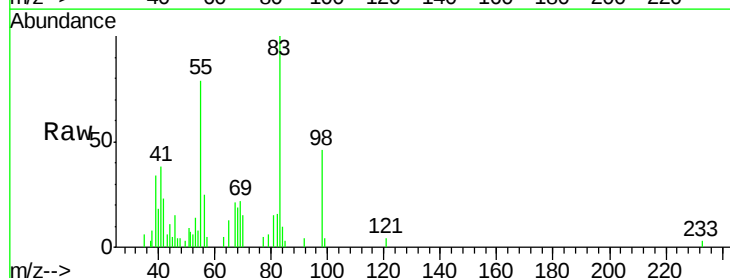
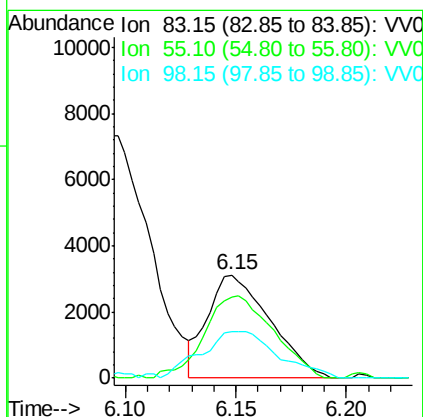
RT: 6.15 min Scan# 1573

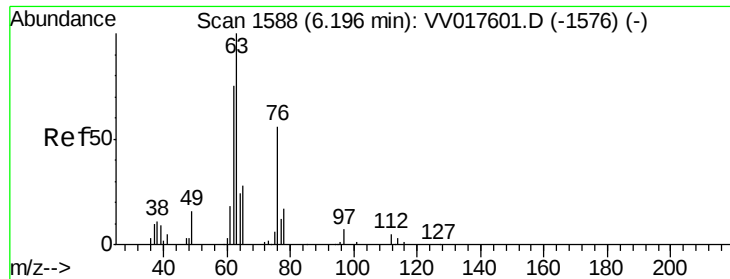
Delta R.T. -0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Tgt Ion:	83	Resp:	6098
Ion	Ratio	Lower	Upper
83	100		
55	88.4	61.8	92.8
98	56.0	39.0	58.6





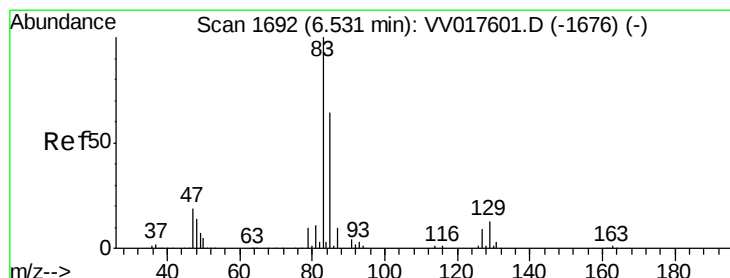
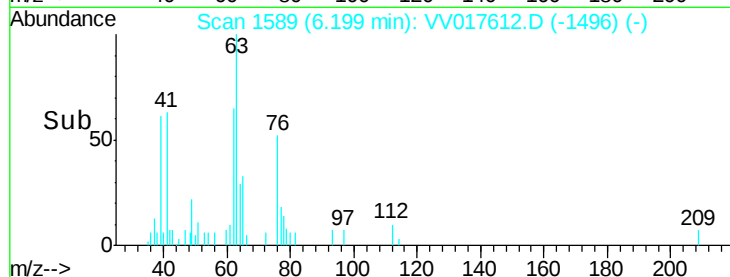
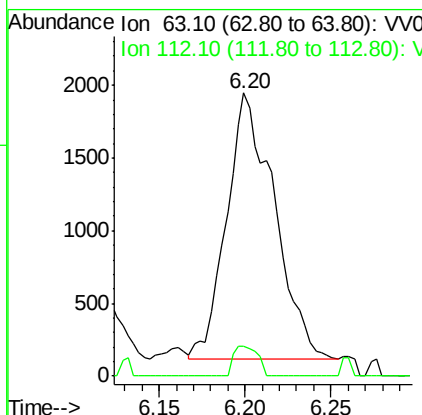
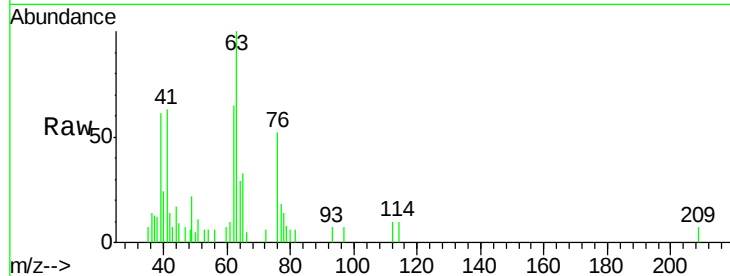
#37
 1,2-Dichloropropane
 Concen: 0.299 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion: 63 Resp: 3526
 Ion Ratio Lower Upper
 63 100
 112 5.8 4.5 6.7

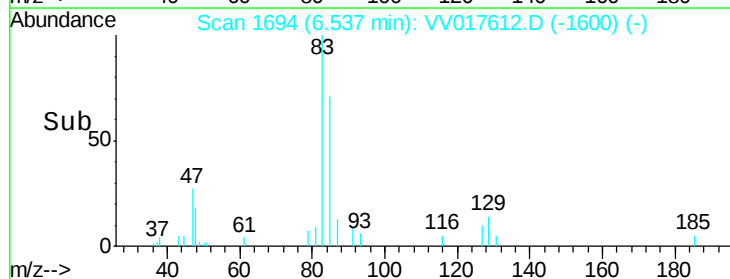
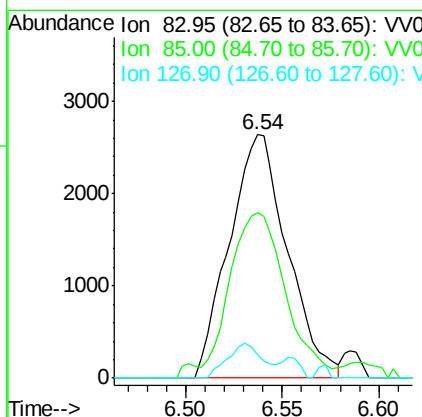
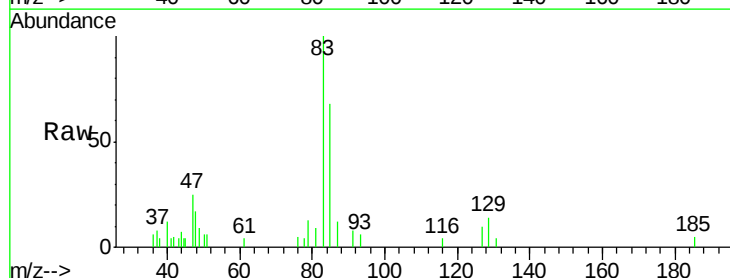
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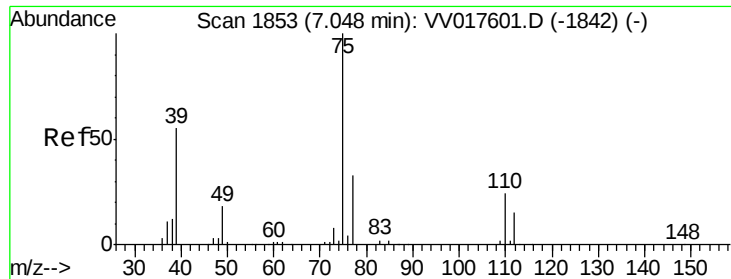
Sam
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#38
 Bromodichloromethane
 Concen: 0.317 ug/L
 RT: 6.54 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Tgt Ion: 83 Resp: 5513
 Ion Ratio Lower Upper
 83 100
 85 68.2 44.7 83.1
 127 9.8 7.4 11.0





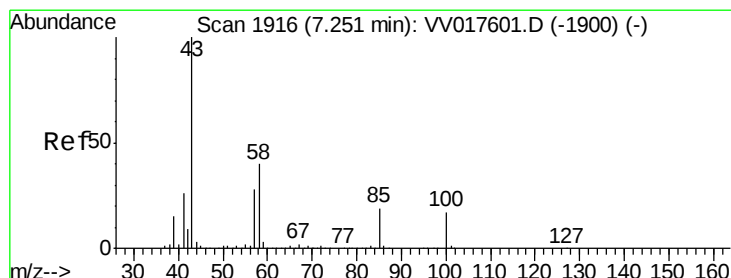
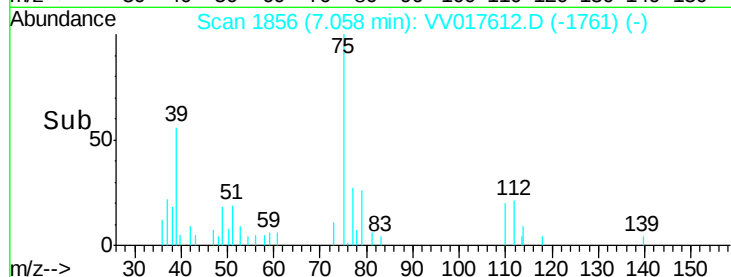
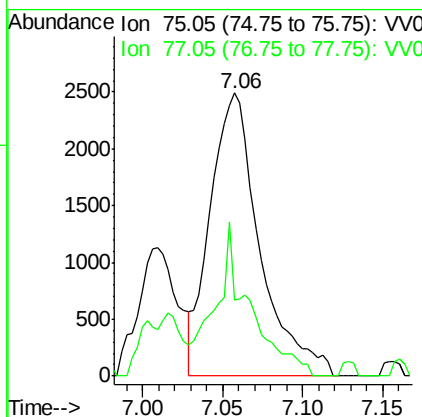
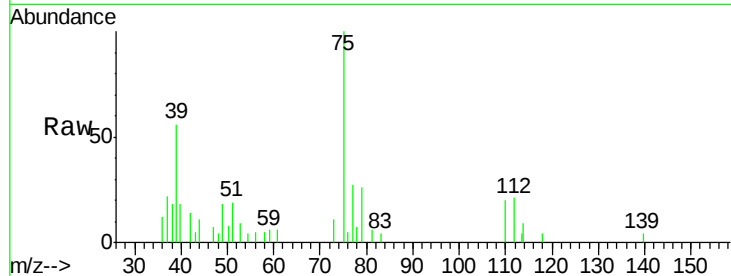
#39
 cis-1,3-Dichloropropene
 Concen: 0.299 ug/L
 RT: 7.06 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion: 75 Resp: 5330
 Ion Ratio Lower Upper
 75 100
 77 26.8 23.2 43.2

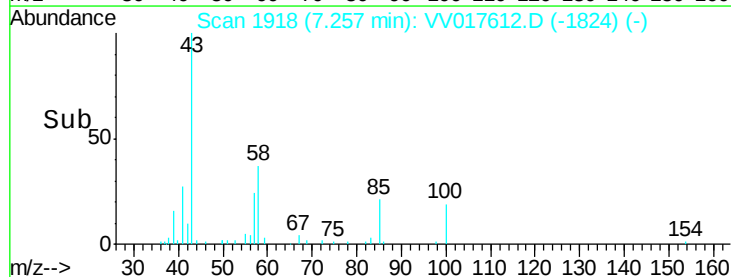
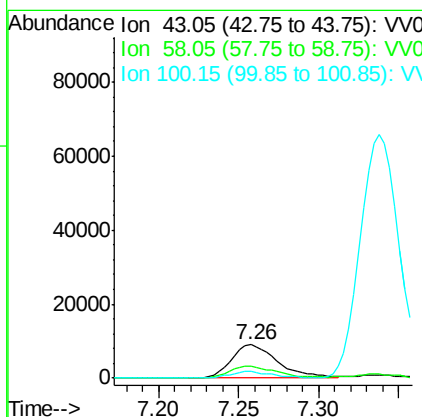
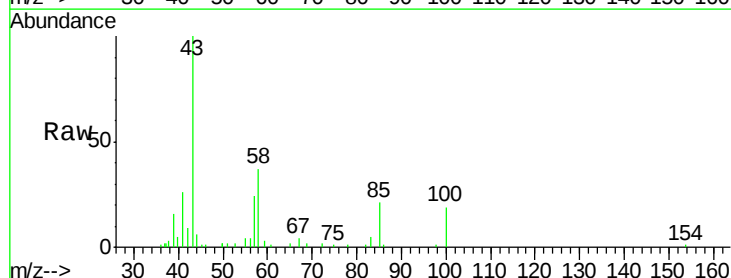
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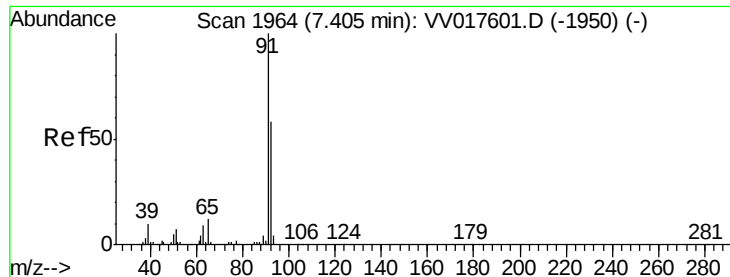
sam
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#40
 4-Methyl-2-pentanone
 Concen: 2.775 ug/L
 RT: 7.26 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Tgt Ion: 43 Resp: 17969
 Ion Ratio Lower Upper
 43 100
 58 36.6 31.2 46.8
 100 0.0 13.6 20.4#





#42

Toluene

Concen: 0.308 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tot Ion: 91 Resp: 16905

Ion Ratio Lower Upper

91 100

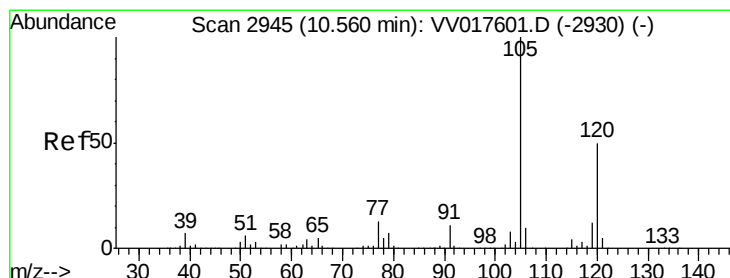
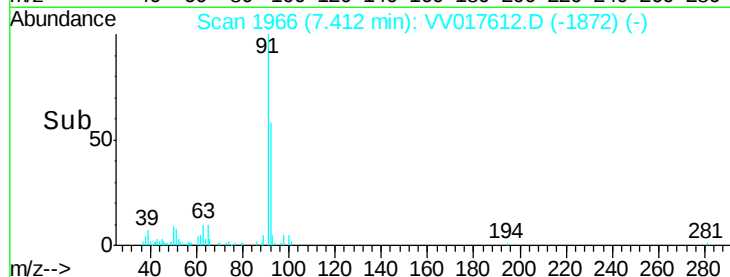
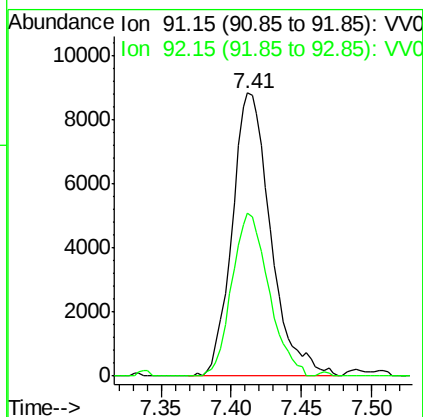
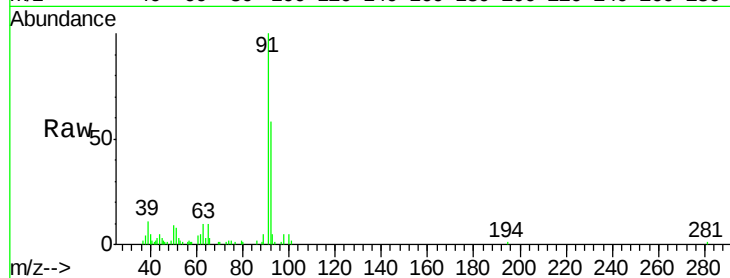
92 57.7 40.8 75.8

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#43

1,3,5-Trimethylbenzene

Concen: 0.255 ug/L

RT: 10.56 min Scan# 2946

Delta R.T. 0.00 min

Lab File: VV017612.D

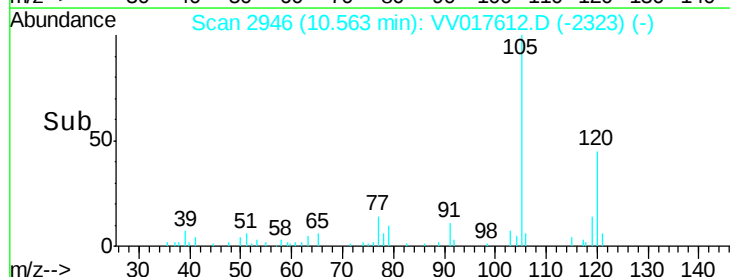
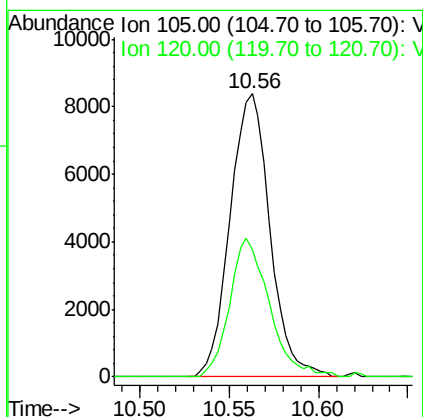
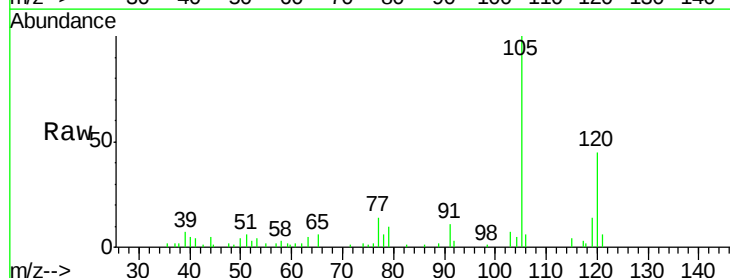
Acq: 23 Jul 2020 19:03

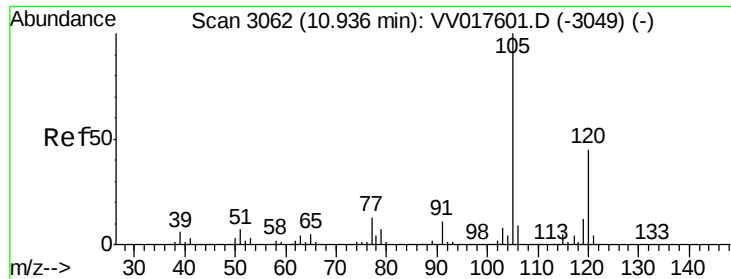
Tgt Ion: 105 Resp: 13055

Ion Ratio Lower Upper

105 100

120 48.7 39.4 59.2





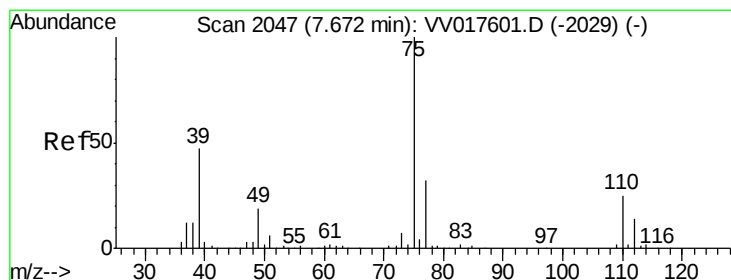
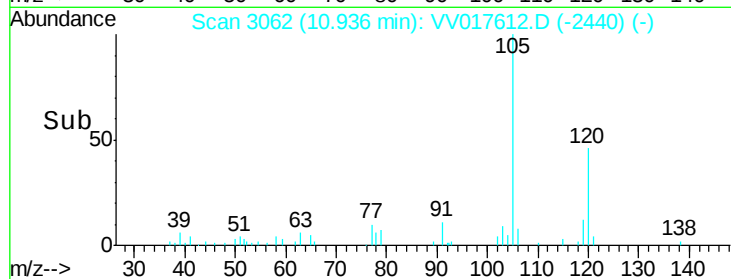
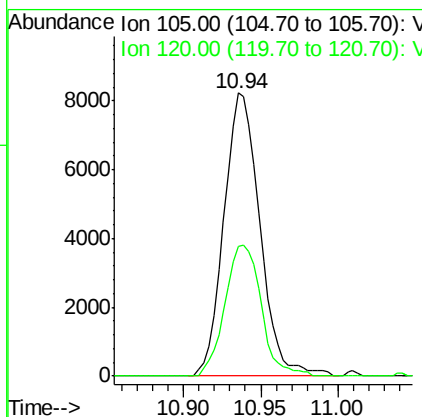
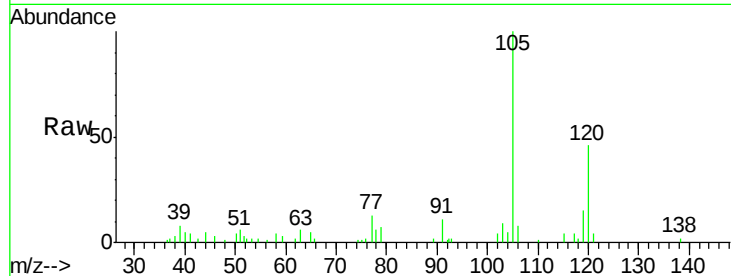
#44
 1,2,4-Trimethylbenzene
 Concen: 0.254 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion: 105 Resp: 13267
 Ion Ratio Lower Upper
 105 100
 120 46.5 35.9 53.9

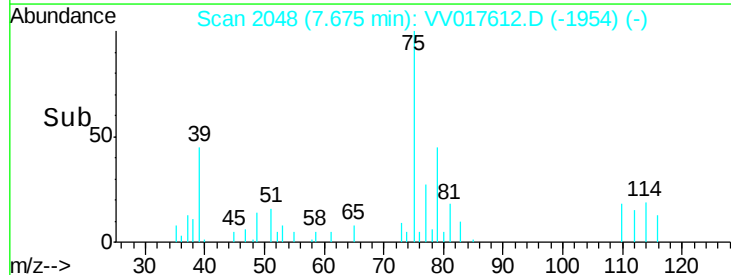
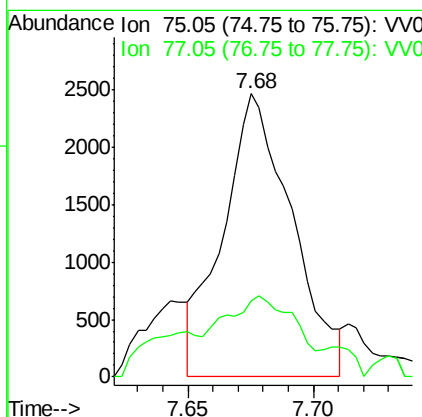
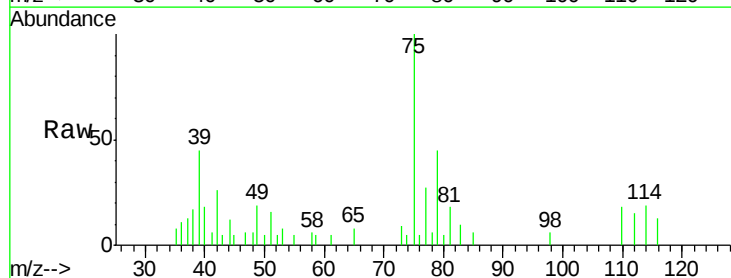
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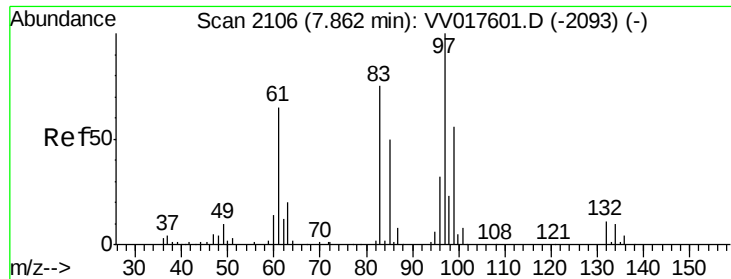
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#46
 trans-1,3-Dichloropropene
 Concen: 0.295 ug/L m
 RT: 7.68 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Tgt Ion: 75 Resp: 4719
 Ion Ratio Lower Upper
 75 100
 77 27.0 22.5 41.7





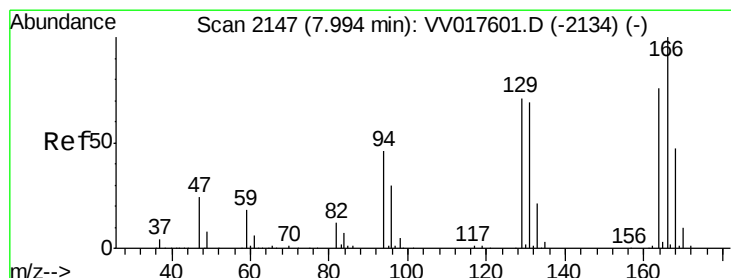
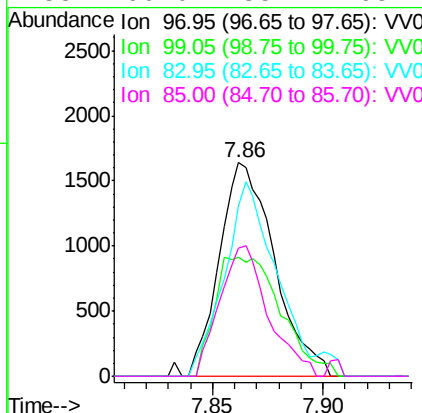
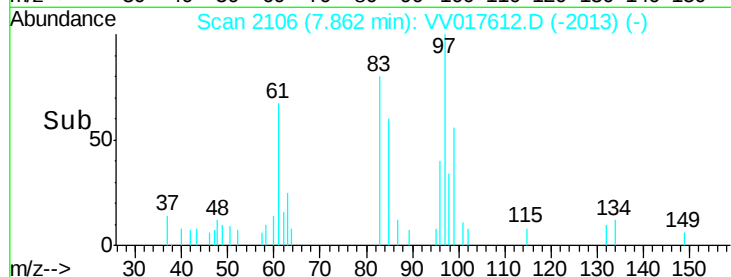
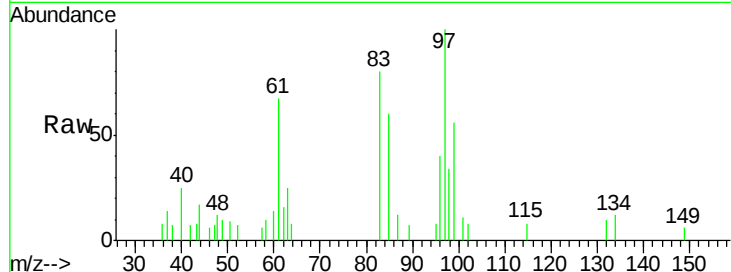
#47
 1,1,2-Trichloroethane
 Concen: 0.316 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion:	97	Resp:	2834
Ion	Ratio	Lower	Upper
97	100		
99	55.7	39.5	73.4
83	79.9	52.6	97.6
85	60.0	35.1	65.1

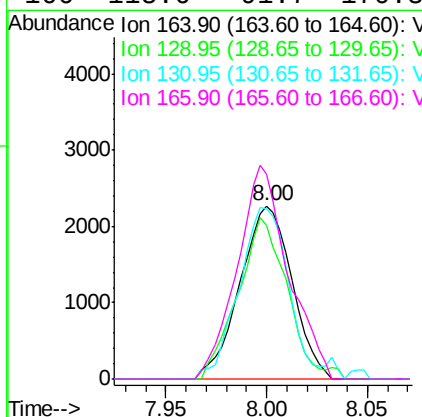
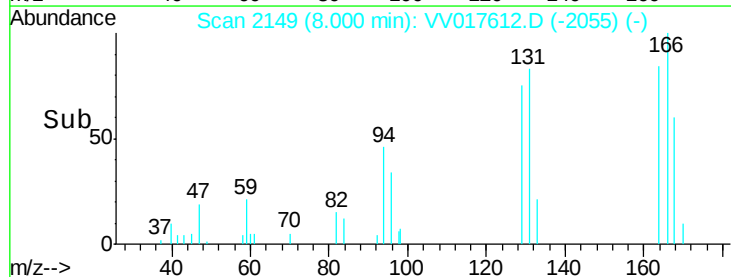
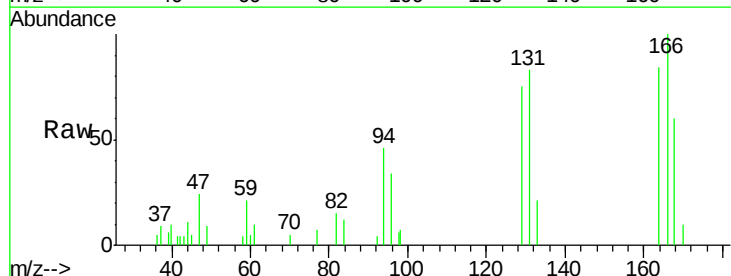
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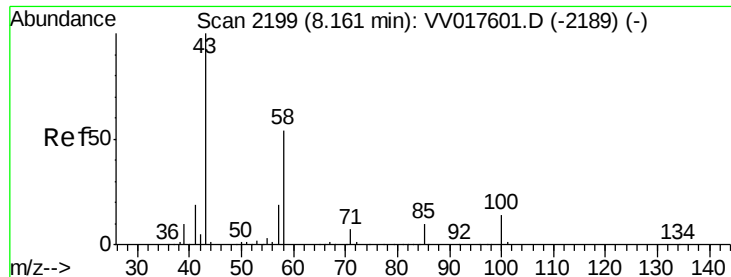
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#49
 Tetrachloroethene
 Concen: 0.330 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Tgt Ion:	164	Resp:	4084
Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.0	120.8
131	98.0	63.6	118.2
166	118.6	91.7	170.3





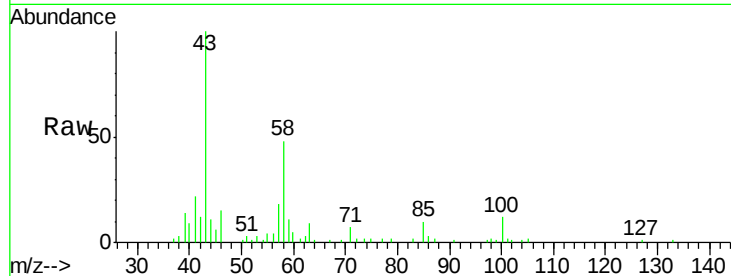
#50
2-Hexanone
Concen: 4.173 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion:	43	Resp:	19121
Ion Ratio	Lower	Upper	
43	100		
58	52.3	41.6	62.4
57	19.3	15.4	23.0
100	11.4	11.2	16.8

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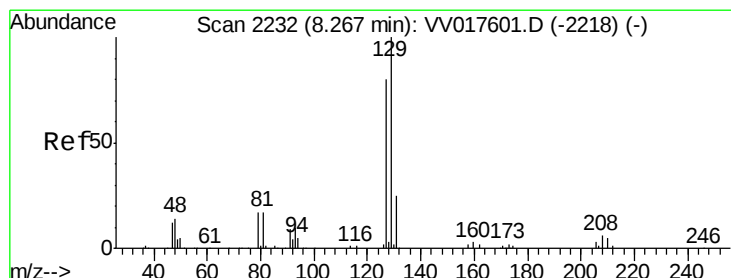
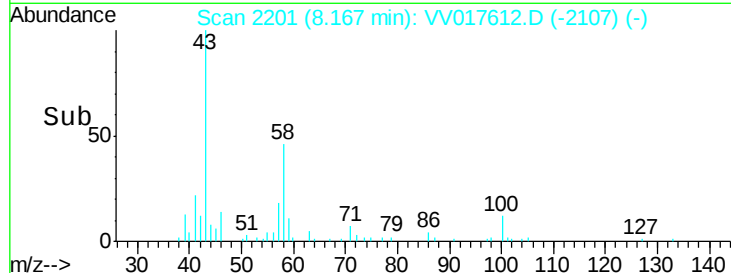
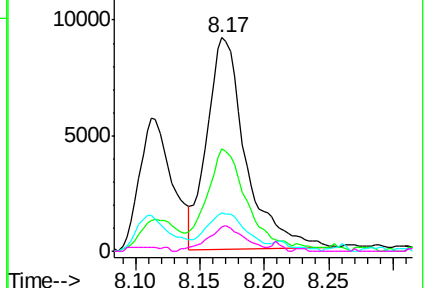


Abundance Ion 43.05 (42.75 to 43.75): VV017612.D (-2107) (-)

Ion 58.05 (57.75 to 58.75): VV017612.D (-2107) (-)

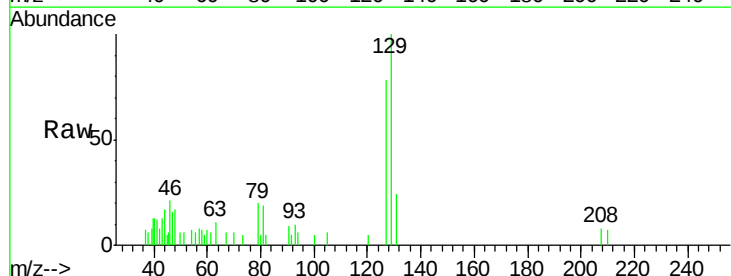
Ion 57.20 (56.90 to 57.90): VV017612.D (-2107) (-)

Ion 100.15 (99.85 to 100.85): VV017612.D (-2107) (-)



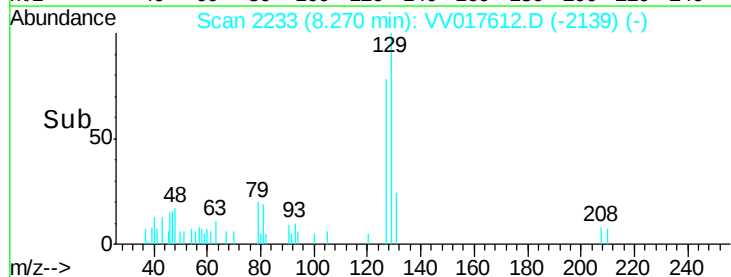
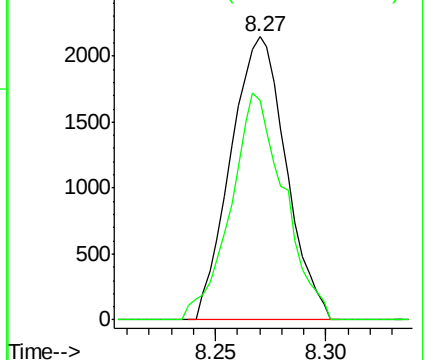
#51
Dibromochloromethane
Concen: 0.329 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

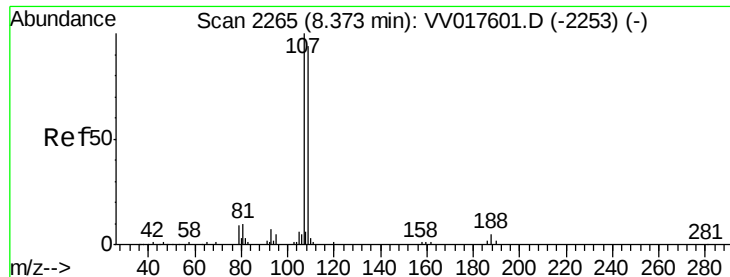
Tgt Ion:	129	Resp:	3750
Ion Ratio	Lower	Upper	
129	100		
127	77.6	56.3	104.5



Abundance Ion 128.95 (128.65 to 129.65): VV017612.D (-2139) (-)

Ion 126.90 (126.60 to 127.60): VV017612.D (-2139) (-)





#52

1,2-Dibromoethane

Concen: 0.324 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

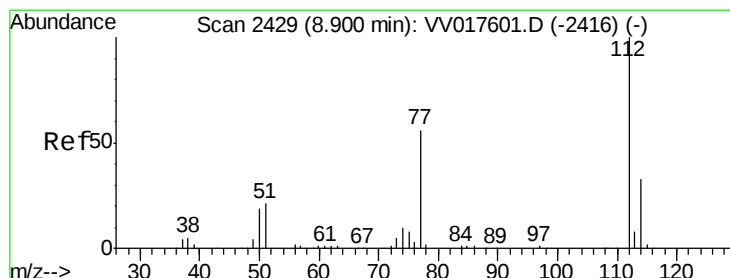
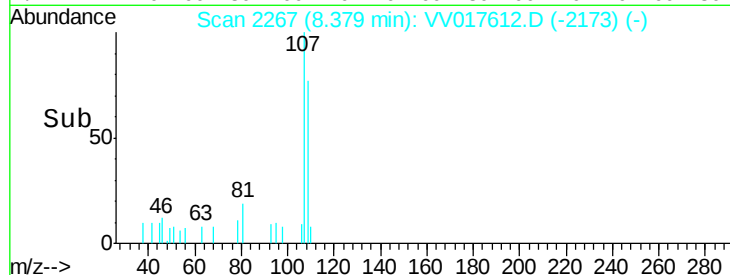
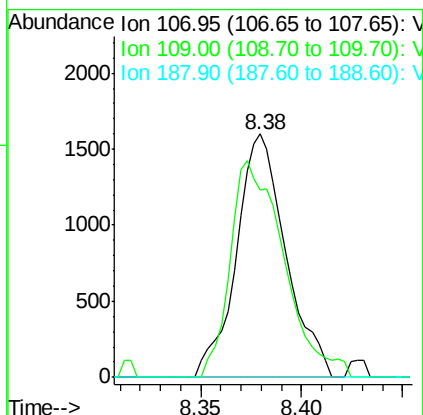
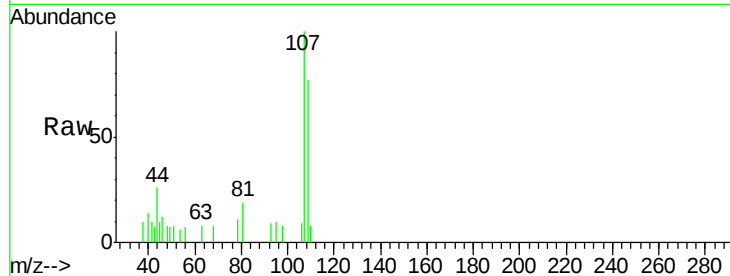
ClientSampleId :

MDL07

Tot Ion:	107	Resp:	2738
Ion Ratio	Lower	Upper	
107	100		
109	77.1	65.5	121.7
188	0.0	3.7	5.5#

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#53

Chlorobenzene

Concen: 0.320 ug/L

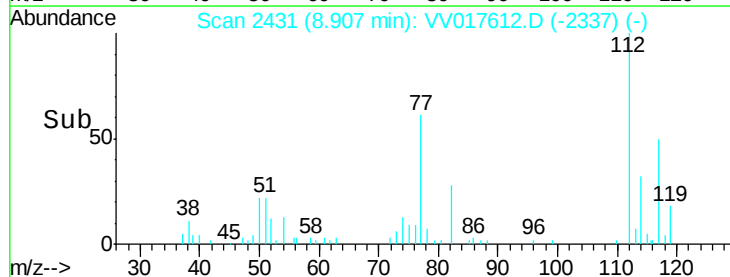
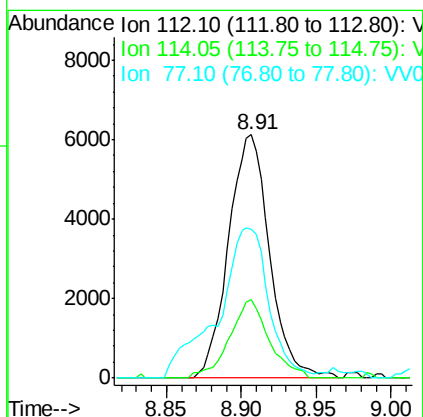
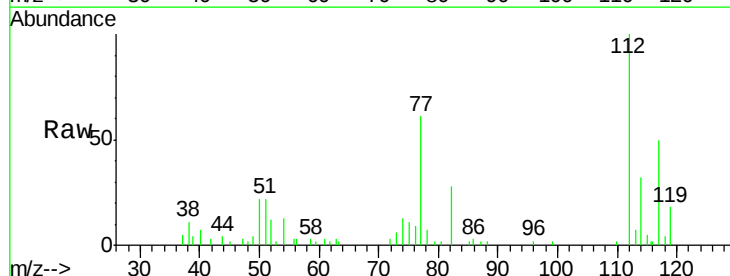
RT: 8.91 min Scan# 2431

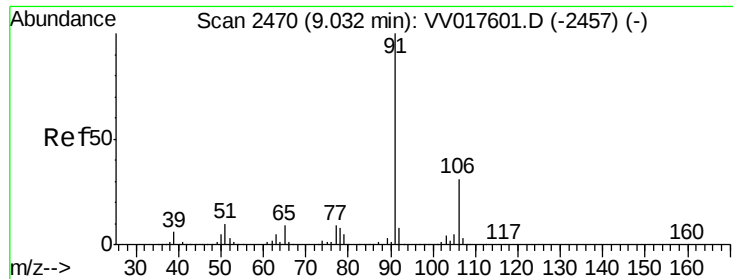
Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Tgt Ion:	112	Resp:	11690
Ion Ratio	Lower	Upper	
112	100		
114	32.3	23.2	43.2
77	61.1	45.6	68.4





#54

Ethylbenzene

Concen: 0.288 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tot Ion: 91 Resp: 17673

Ion Ratio Lower Upper

91 100

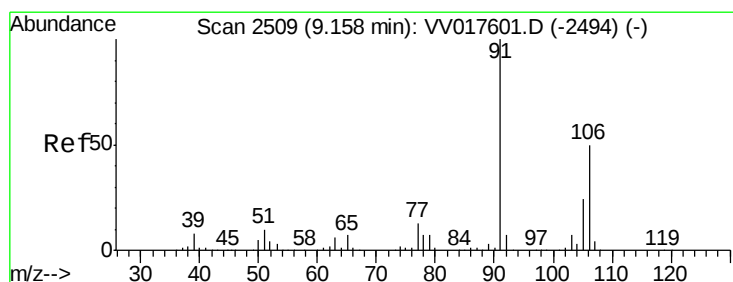
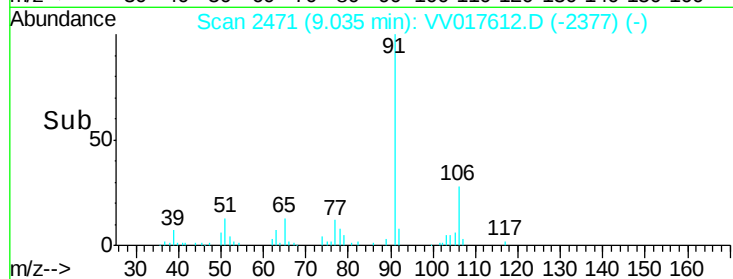
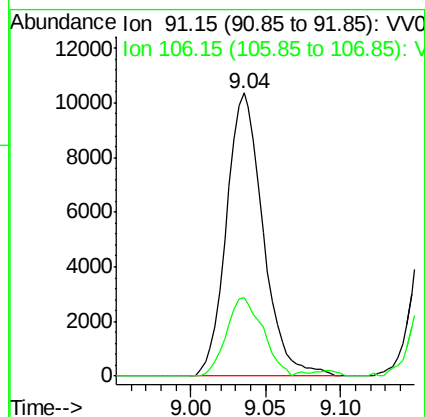
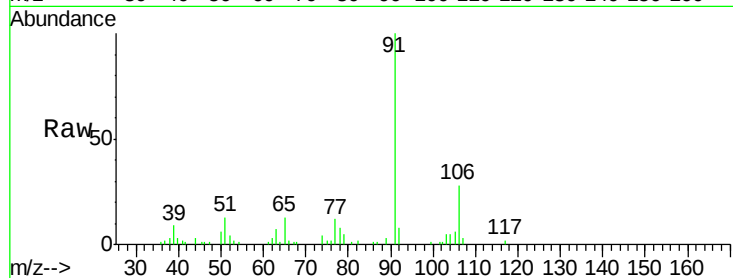
106 27.6 21.6 40.2

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#55

m,p-xylene

Concen: 0.303 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017612.D

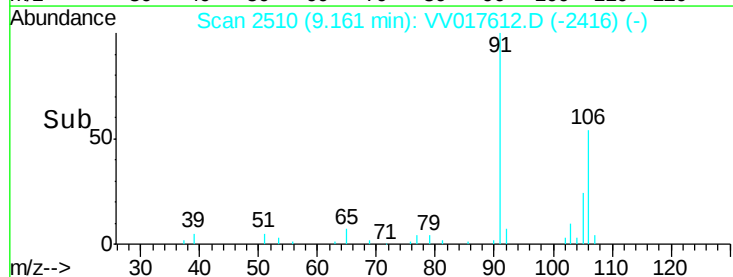
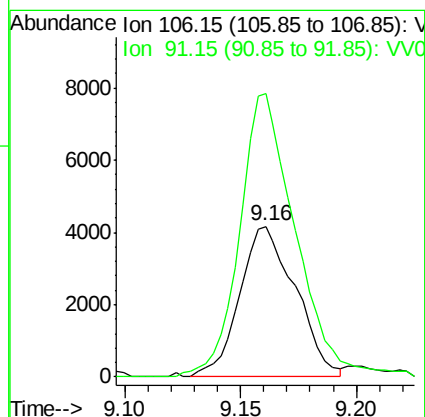
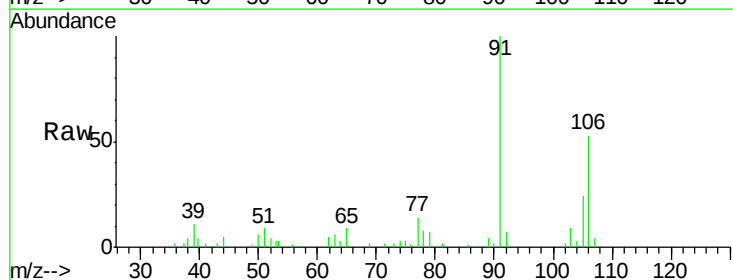
Acq: 23 Jul 2020 19:03

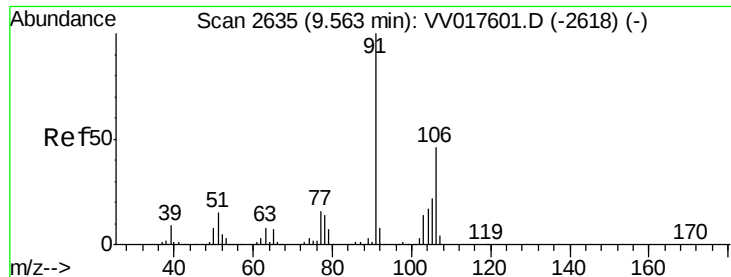
Tgt Ion: 106 Resp: 6994

Ion Ratio Lower Upper

106 100

91 187.7 141.3 262.3





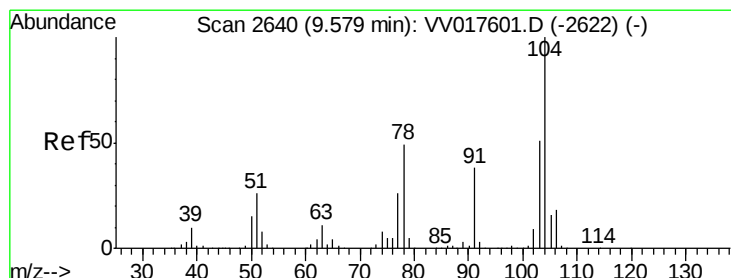
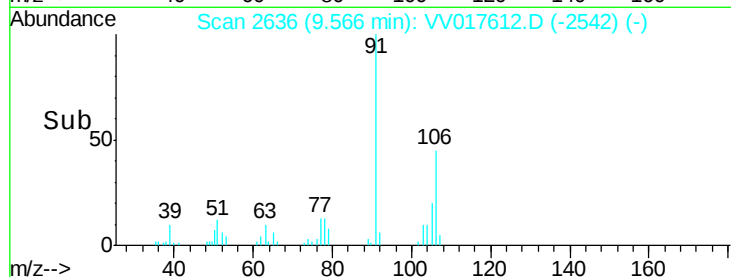
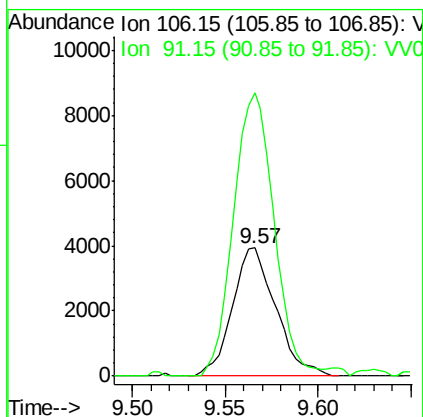
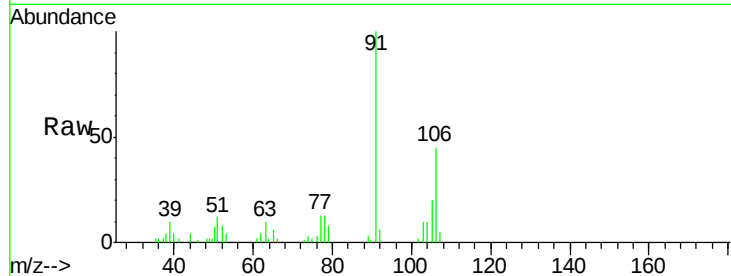
#56
o-xylene
Concen: 0.286 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tot Ion:106 Resp: 6422
Ion Ratio Lower Upper
106 100
91 220.4 153.9 285.7

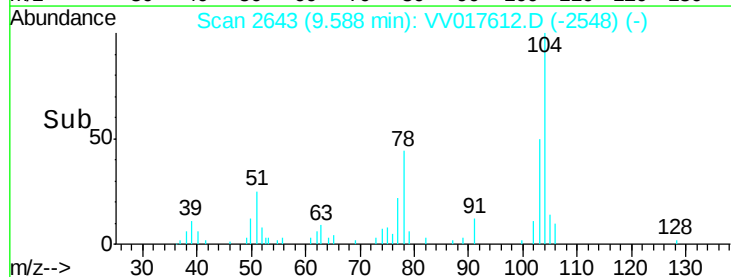
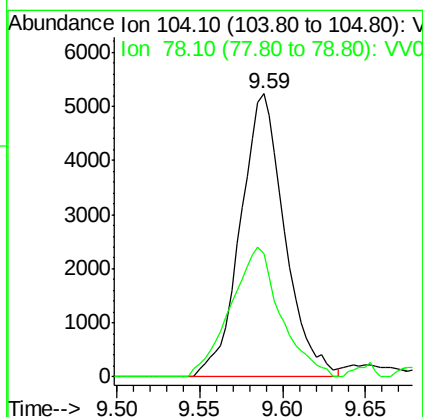
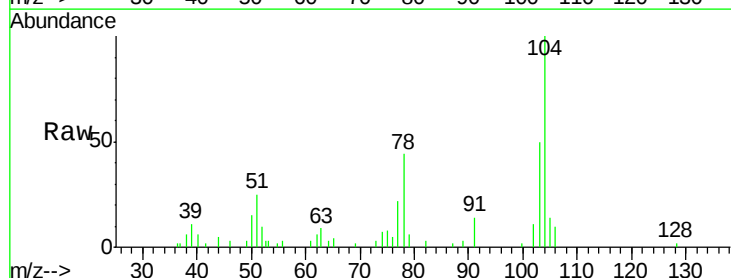
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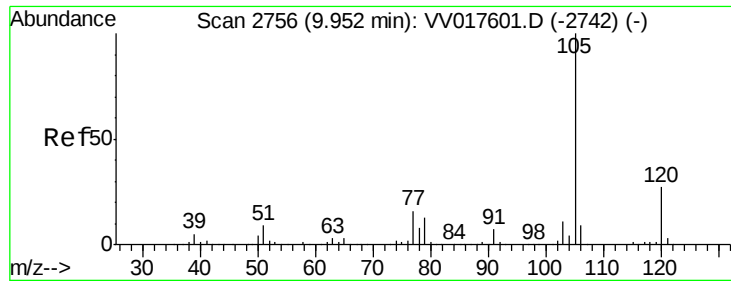
sam
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#57
Styrene
Concen: 0.260 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VV017612.D
Acq: 23 Jul 2020 19:03

Tgt Ion:104 Resp: 9719
Ion Ratio Lower Upper
104 100
78 43.5 34.0 63.2





#58

Isopropylbenzene

Concen: 0.264 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

ClientSampled :

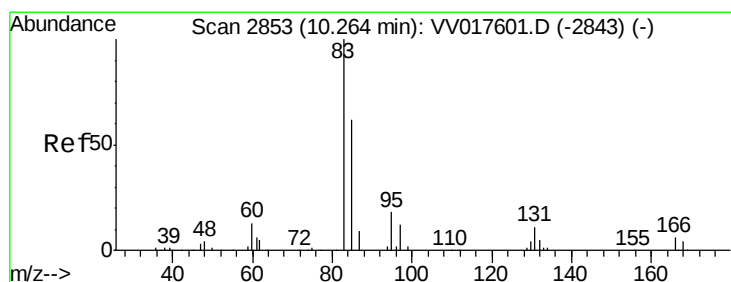
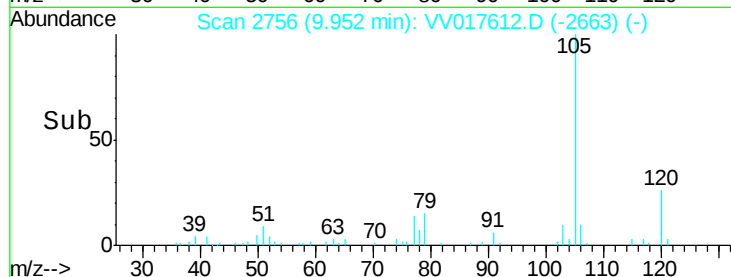
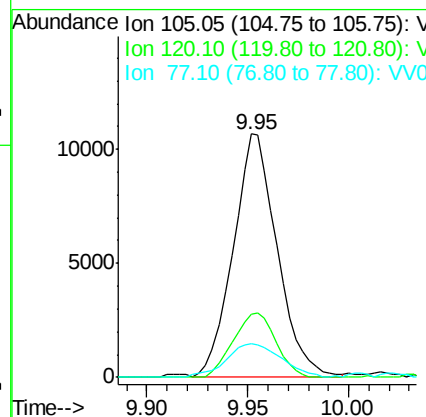
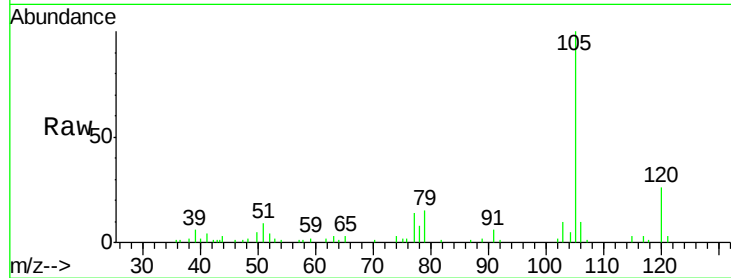
MDL07

Tot Ion:	105	Resp:	16311
Ion Ratio	Lower	Upper	
105	100		
120	25.6	21.1	31.7
77	17.3	13.0	19.6

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#60

1,1,2,2-Tetrachloroethane

Concen: 0.293 ug/L

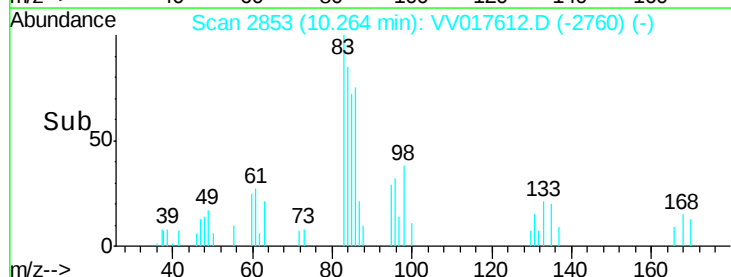
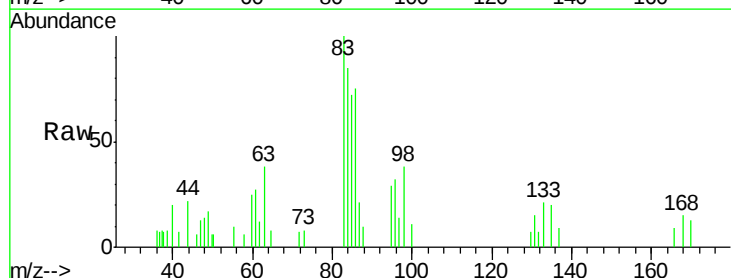
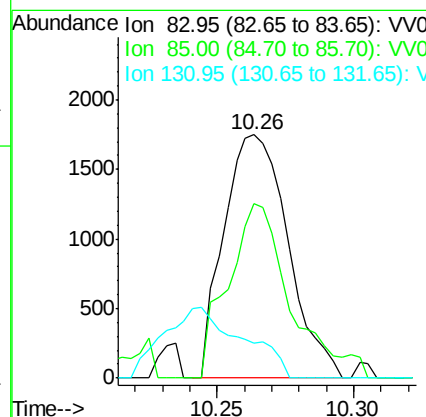
RT: 10.26 min Scan# 2853

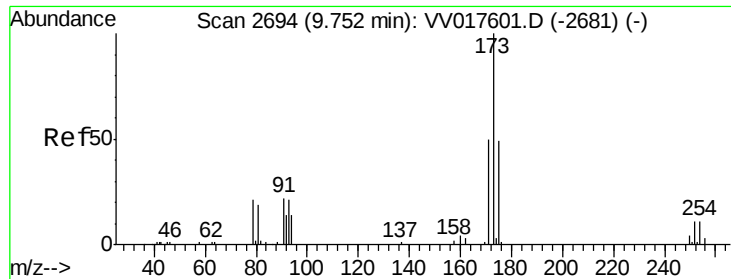
Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Tgt Ion:	83	Resp:	2856
Ion Ratio	Lower	Upper	
83	100		
85	71.6	44.4	82.5
131	14.5	9.2	13.8#





#62

Bromoform

Concen: 0.320 ug/L

RT: 9.75 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

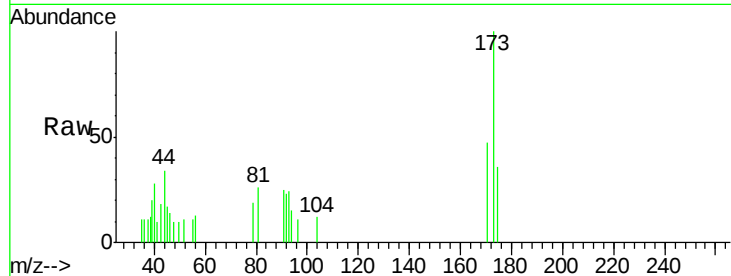
ClientSampled :

MDL07

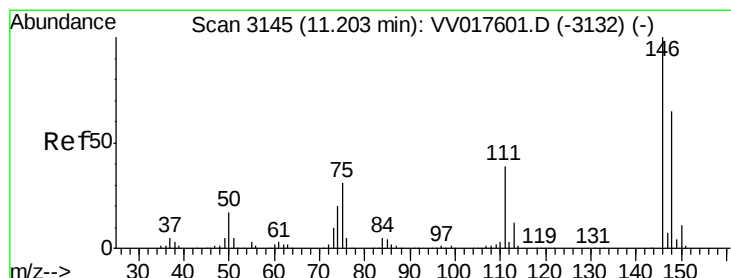
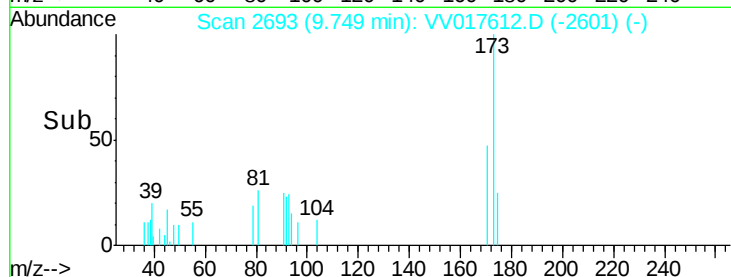
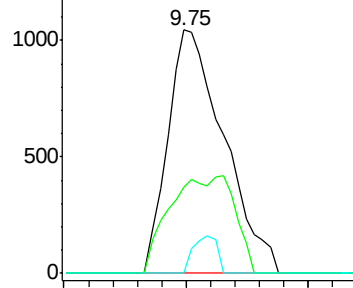
Tot Ion:173	Resp:	1674
Ion Ratio	Lower	Upper
173 100		
175 46.4	39.6	59.4
254 6.5	8.4	12.6#

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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 0.353 ug/L

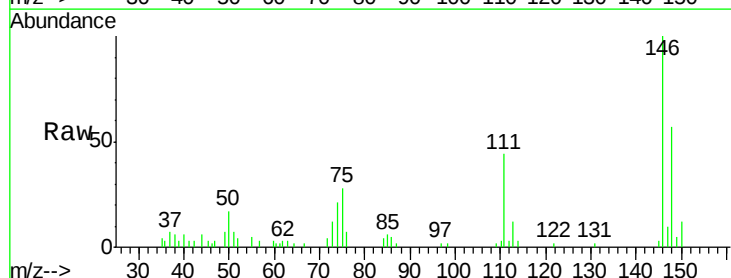
RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

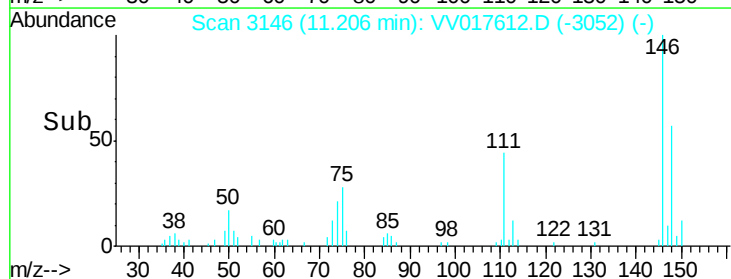
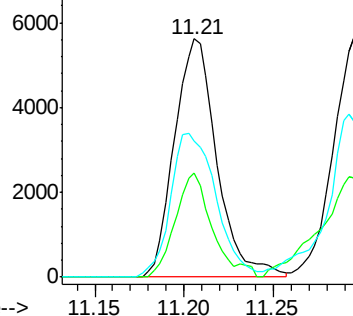
Lab File: VV017612.D

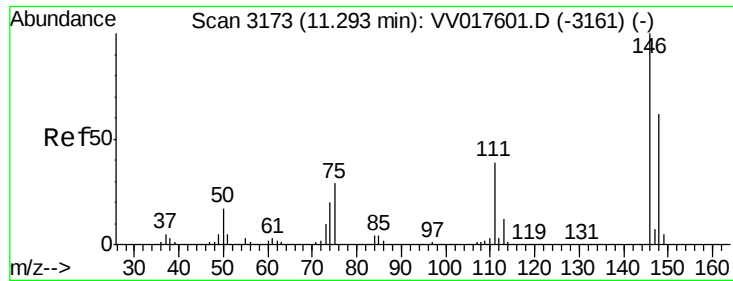
Acq: 23 Jul 2020 19:03

Tgt Ion:146	Resp:	9291
Ion Ratio	Lower	Upper
146 100		
111 44.0	27.3	50.7
148 57.3	45.6	84.6



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 0.365 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

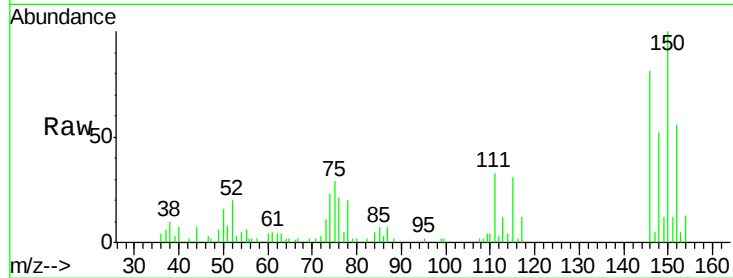
ClientSampled :

MDL07

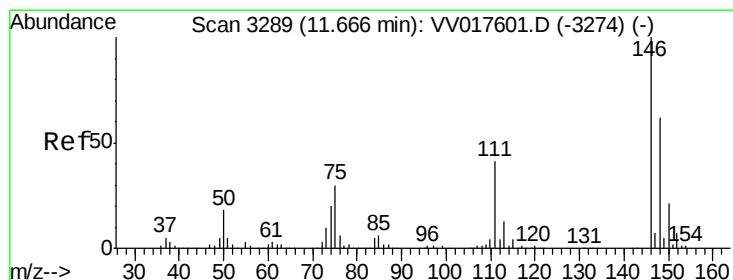
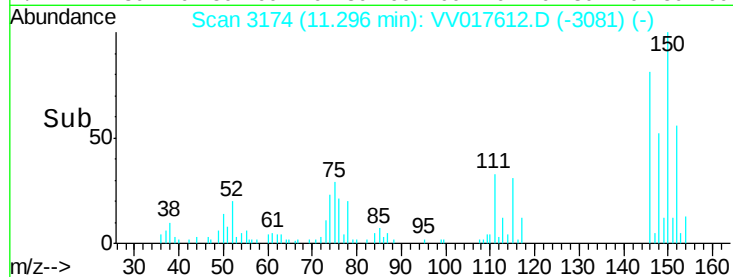
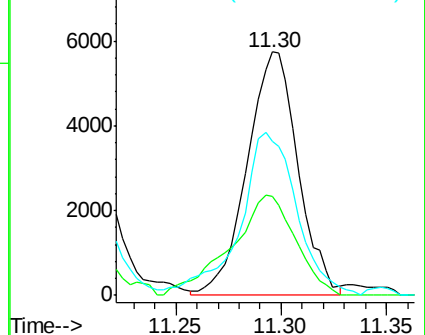
Tot Ion:	146	Resp:	9636
Ion Ratio	Lower	Upper	
146	100		
111	40.4	27.4	51.0
148	63.5	43.8	81.4

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Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 0.364 ug/L

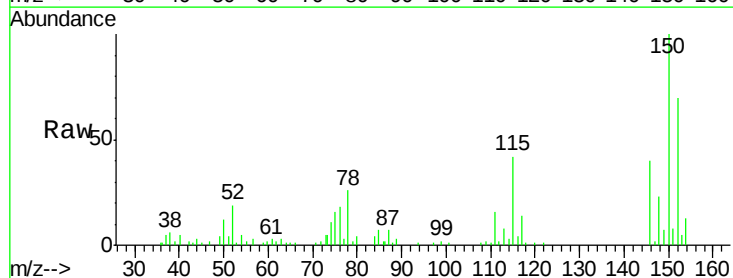
RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

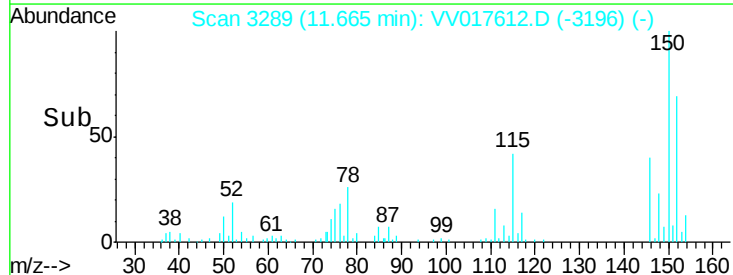
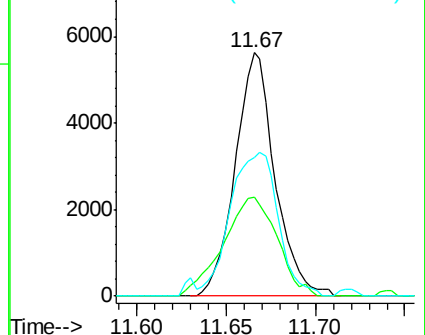
Lab File: VV017612.D

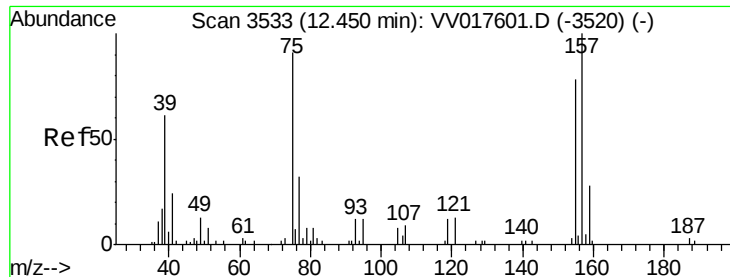
Acq: 23 Jul 2020 19:03

Tgt Ion:	146	Resp:	8728
Ion Ratio	Lower	Upper	
146	100		
111	40.5	33.0	49.4
148	57.2	49.9	74.9



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dibromo-3-chloropropane

Concen: 0.329 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Instrument :

MSVOA_V

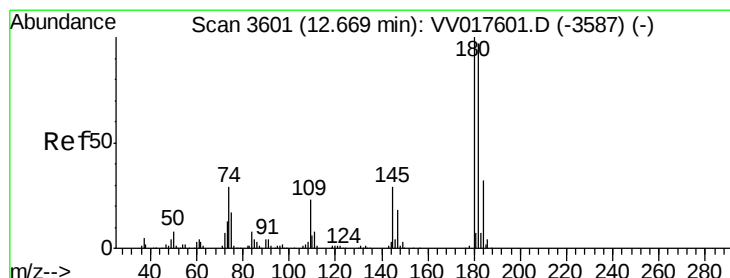
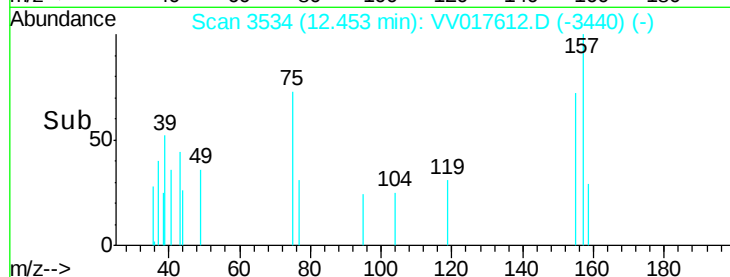
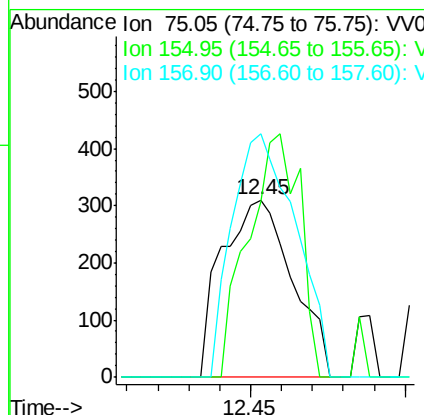
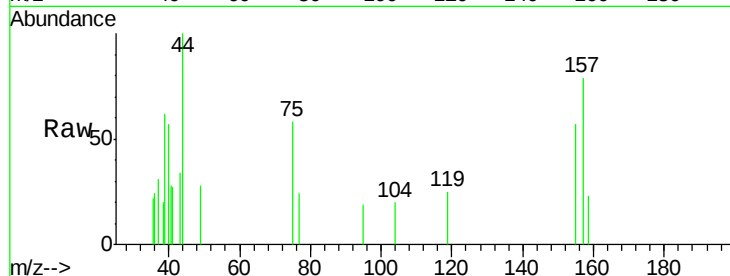
ClientSampled :

MDL07

Tot Ion	Ratio	Lower	Upper
75	100		
155	99.4	68.7	103.1
157	137.1	87.8	131.8

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#68

1,3,5-Trichlorobenzene

Concen: 0.346 ug/L

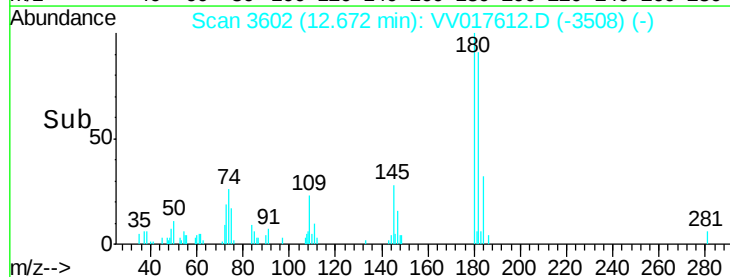
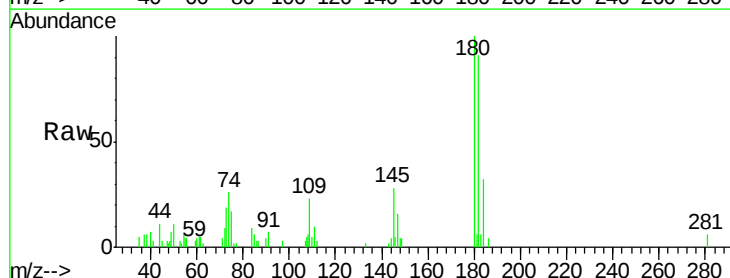
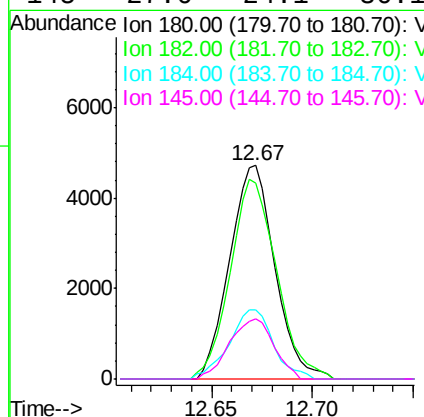
RT: 12.67 min Scan# 3602

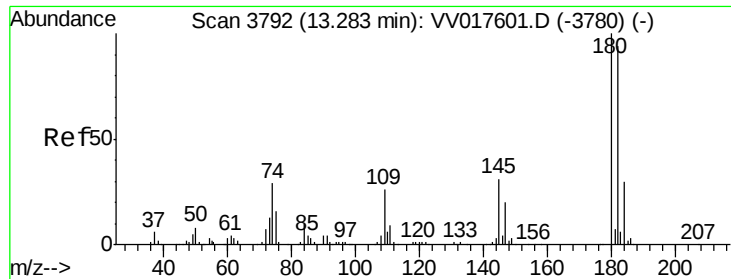
Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.1	115.7
184	31.6	25.2	37.8
145	27.6	24.1	36.1





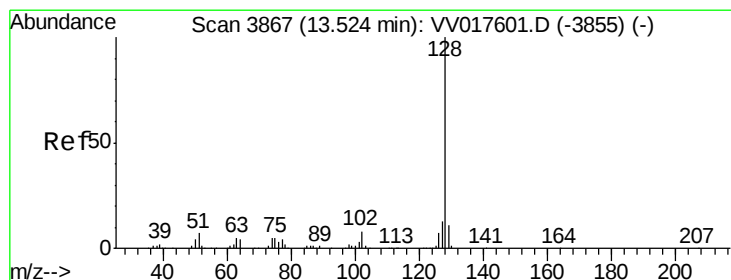
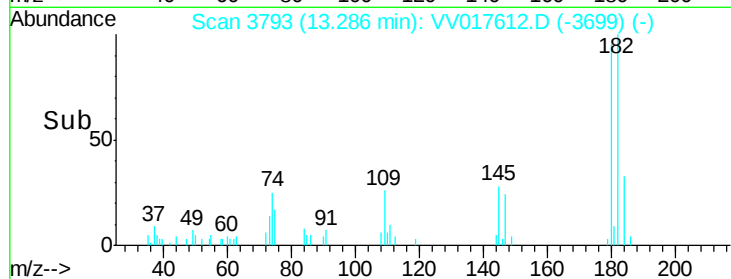
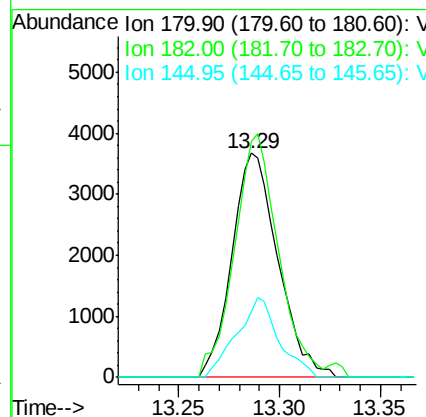
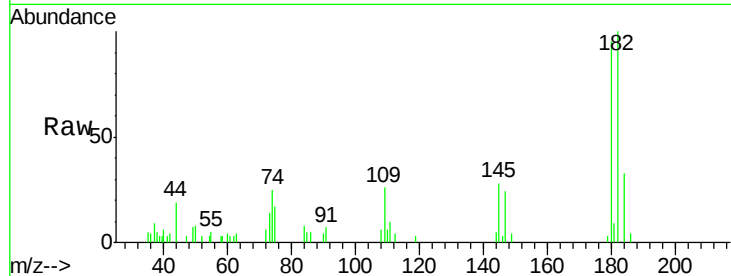
#69
 1,2,4-trichlorobenzene
 Concen: 0.328 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.2	75.4	113.2
145	32.5	24.2	36.2

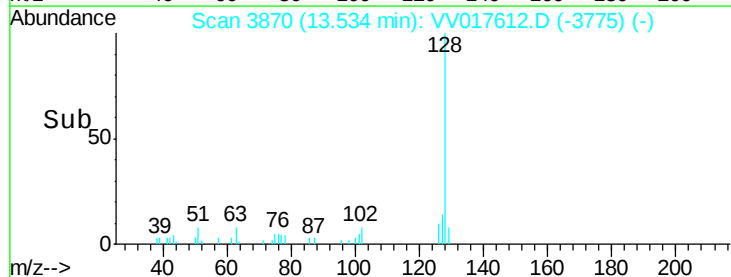
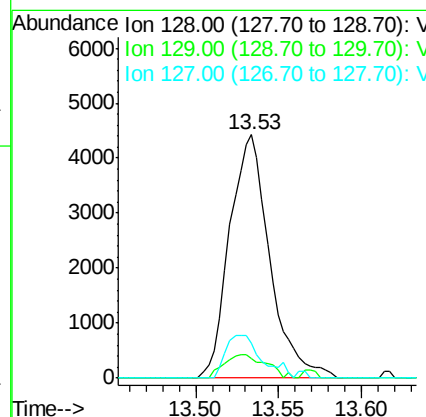
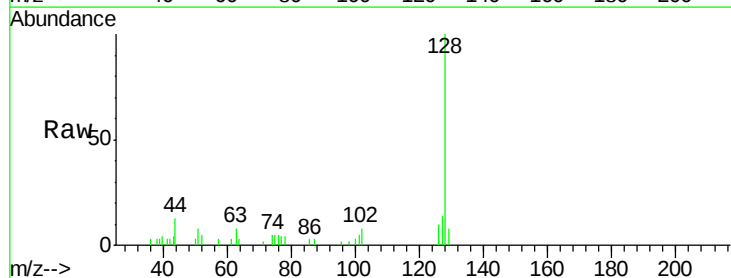
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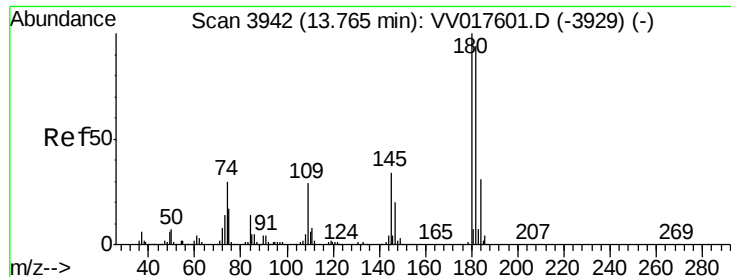
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#70
 Naphthalene
 Concen: 0.299 ug/L
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.1	13.7
127	15.7	11.0	16.6





#71
 1,2,3-Trichlorobenzene
 Concen: 0.313 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 19:03

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	74.2	111.4
145	33.5	26.0	39.0

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