

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017612.D
 Acq On : 23 Jul 2020 18:38
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Quant Time: Jul 24 01:57:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 01:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	182222	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173536	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	84704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44966	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	34879	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	75362	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.95	46	100226	48.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.30%
24) Chloroform-d	4.37	84	104436	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	55074	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.07	84	194915	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.09	67	54327	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.34	98	177374	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
45) trans-1,3-Dichloropropene-	7.64	79	22580	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
48) 2-Hexanone-d5	8.12	63	68219	45.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37095	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	71008	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	4704	0.236	ug/L	98
3) Chloromethane	1.25	50	3573	0.275	ug/L	98
5) Vinyl chloride	1.32	62	3412	0.262	ug/L #	57
6) Bromomethane	1.53	94	2058	0.246	ug/L	95
8) Chloroethane	1.59	64	2335	0.311	ug/L #	81
9) Trichlorofluoromethane	1.76	101	5631	0.242	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3093	0.284	ug/L	93
12) 1,1-Dichloroethene	2.13	96	2910	0.297	ug/L #	1
13) Acetone	2.24	43	2946	1.808	ug/L	84
14) Carbon disulfide	2.31	76	7684	0.258	ug/L #	89
15) Methyl Acetate	2.47	43	1674	0.528	ug/L #	76
16) Methylene chloride	2.52	84	4166	0.382	ug/L	97
17) Methyl tert-butyl Ether	2.78	73	6292	0.250	ug/L #	88
18) trans-1,2-Dichloroethene	2.78	96	2872	0.269	ug/L	94
19) 1,1-Dichloroethane	3.21	63	5831	0.259	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	3430	0.255	ug/L	78
23) Bromochloromethane	4.29	128	1640	0.264	ug/L	93

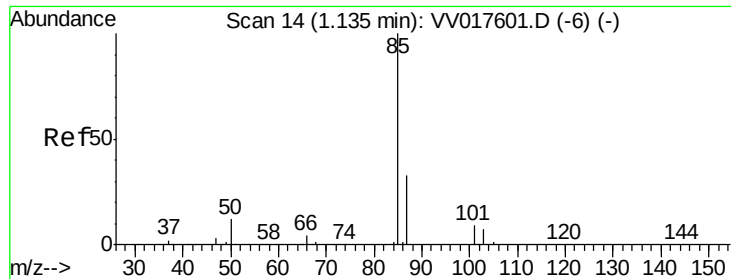
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.40	83	7853	0.311	ug/L	85
27) 1,2-Dichloroethane	5.17	62	4175	0.255	ug/L	96
29) 1,1,1-Trichloroethane	4.63	97	5488	0.226	ug/L #	86
30) Cyclohexane	4.69	56	2083	0.108	ug/L #	18
31) Carbon tetrachloride	4.85	117	5613	0.260	ug/L	96
33) Benzene	5.13	78	12050	0.245	ug/L	100
34) Trichloroethene	5.94	95	3534	0.258	ug/L	92
35) Methylcyclohexane	6.15	83	4764	0.230	ug/L	97
37) 1,2-Dichloropropane	6.21	63	2738	0.237	ug/L #	88
38) Bromodichloromethane	6.54	83	4331	0.255	ug/L	94
39) cis-1,3-Dichloropropene	7.05	75	3930	0.226	ug/L	94
40) 4-Methyl-2-pentanone	7.26	43	12900	2.038	ug/L #	84
42) Toluene	7.41	91	11930	0.223	ug/L	92
43) 1,3,5-Trimethylbenzene	10.56	105	9729	0.194	ug/L	97
44) 1,2,4-Trimethylbenzene	10.94	105	9426	0.184	ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	5018	0.321	ug/L	83
47) 1,1,2-Trichloroethane	7.87	97	2397	0.274	ug/L #	88
49) Tetrachloroethene	8.00	164	2905	0.240	ug/L	94
50) 2-Hexanone	8.17	43	14739	3.291	ug/L	93
51) Dibromochloromethane	8.27	129	2799	0.251	ug/L	99
52) 1,2-Dibromoethane	8.38	107	2137	0.259	ug/L #	84
53) Chlorobenzene	8.90	112	8661	0.242	ug/L	99
54) Ethylbenzene	9.04	91	13443	0.224	ug/L	95
55) m,p-xylene	9.16	106	4421	0.196	ug/L	78
56) o-xylene	9.56	106	4423	0.202	ug/L	84
57) Styrene	9.59	104	6772	0.185	ug/L	94
58) Isopropylbenzene	9.96	105	12474	0.206	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	2392	0.251	ug/L #	92
62) Bromoform	9.76	173	1200	0.221	ug/L #	74
63) 1,3-Dichlorobenzene	11.21	146	7193	0.264	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	7534	0.275	ug/L	89
66) 1,2-Dichlorobenzene	11.67	146	6402	0.258	ug/L #	81
67) 1,2-Dibromo-3-chloropropan	12.45	75	477	0.307	ug/L #	81
68) 1,3,5-Trichlorobenzene	12.67	180	5646	0.255	ug/L	95
69) 1,2,4-trichlorobenzene	13.29	180	4509	0.243	ug/L	89
70) Naphthalene	13.53	128	5125	0.198	ug/L #	81
71) 1,2,3-Trichlorobenzene	13.77	180	3199	0.195	ug/L	84

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



#2

Dichlorodifluoromethane

Concen: 0.236 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

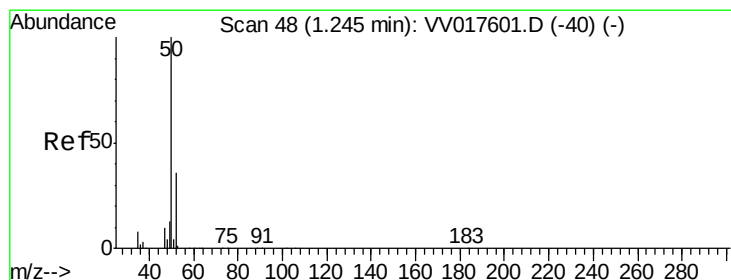
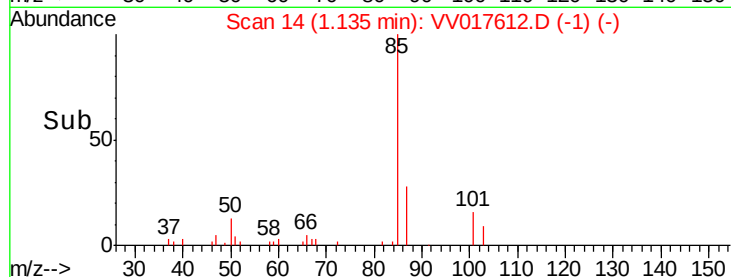
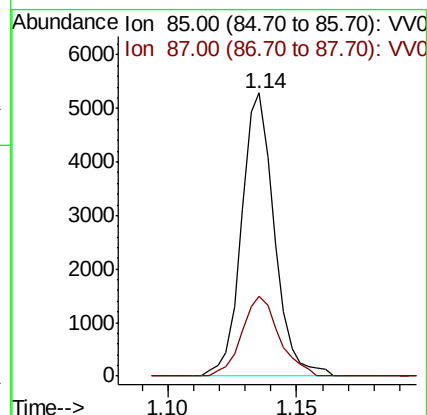
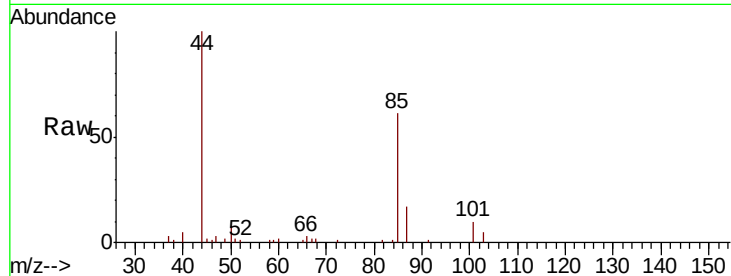
MDL07

Tot Ion: 85 Resp: 4704

Ion Ratio Lower Upper

85 100

87 32.1 26.4 39.6



#3

Chloromethane

Concen: 0.275 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017612.D

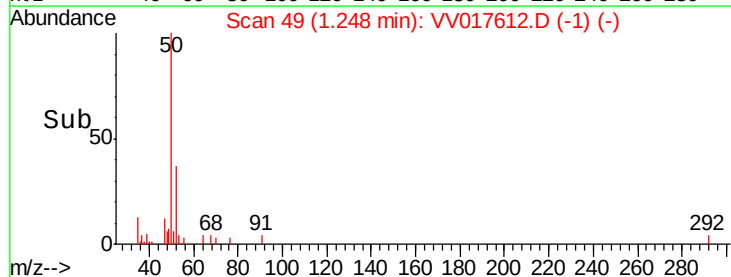
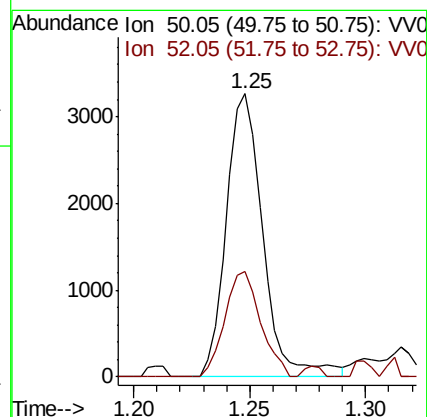
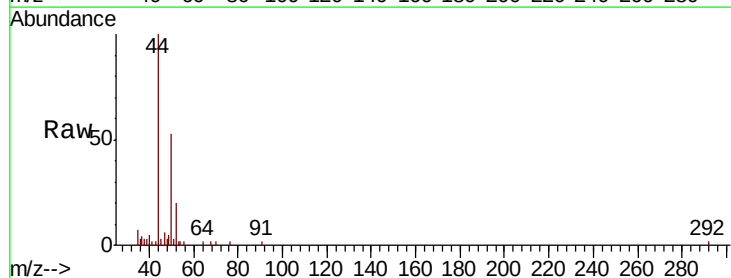
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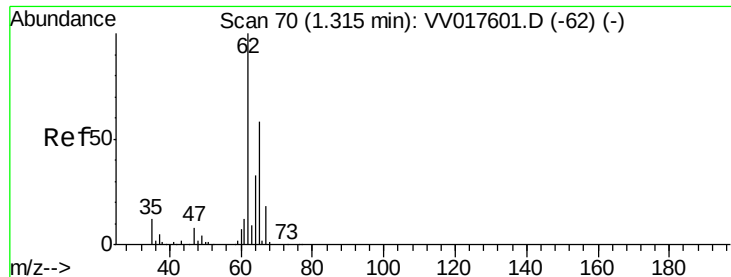
Tgt Ion: 50 Resp: 3573

Ion Ratio Lower Upper

50 100

52 37.3 25.1 46.5





#5

Vinyl chloride

Concen: 0.262 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

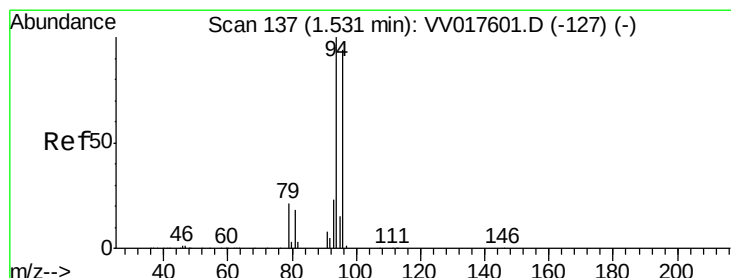
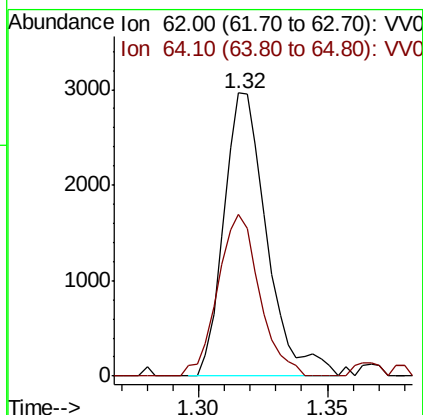
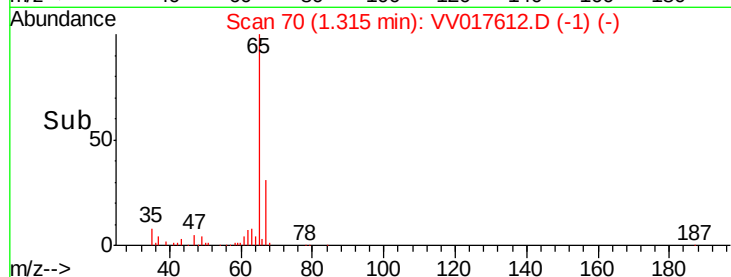
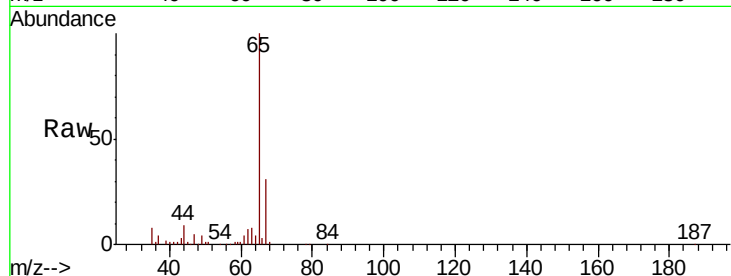
MDL07

Tot Ion: 62 Resp: 3412

Ion Ratio Lower Upper

62 100

64 57.2 23.0 42.8#



#6

Bromomethane

Concen: 0.246 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV017612.D

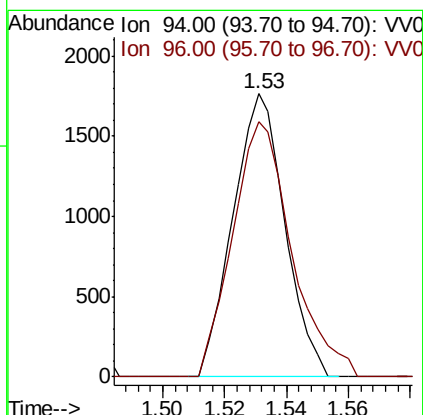
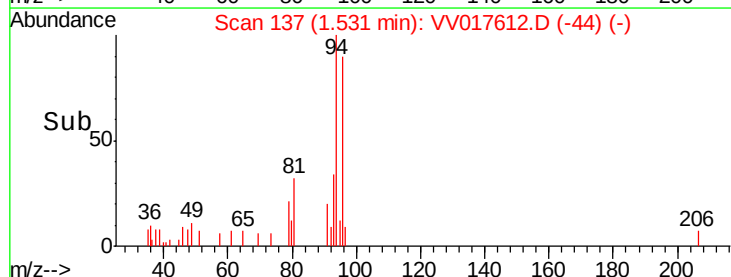
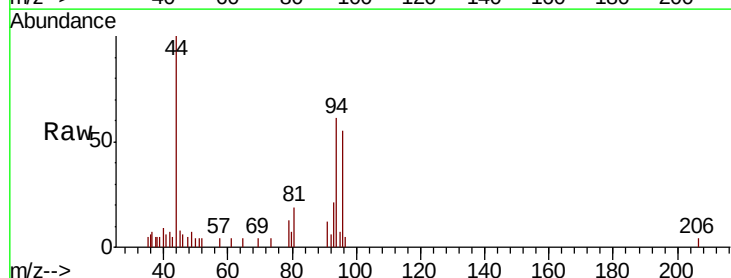
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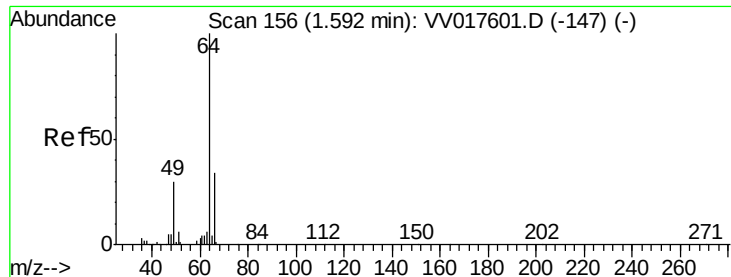
Tgt Ion: 94 Resp: 2058

Ion Ratio Lower Upper

94 100

96 98.9 65.9 122.5

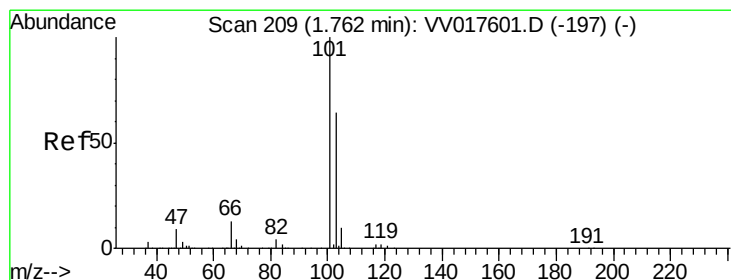
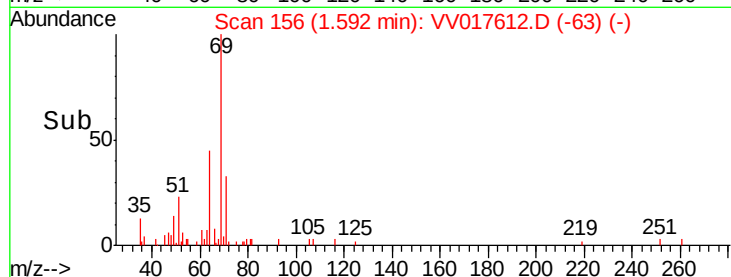
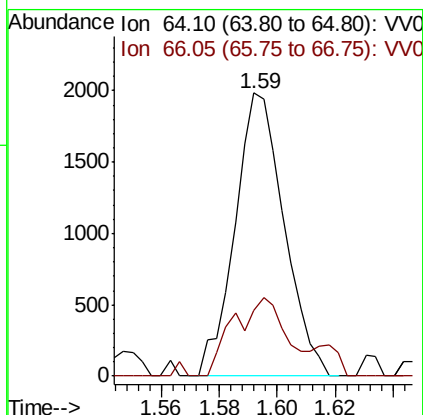
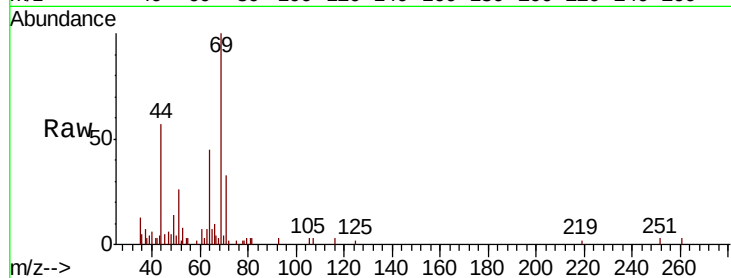




#8
Chloroethane
Concen: 0.311 ug/L
RT: 1.59 min Scan# 156
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

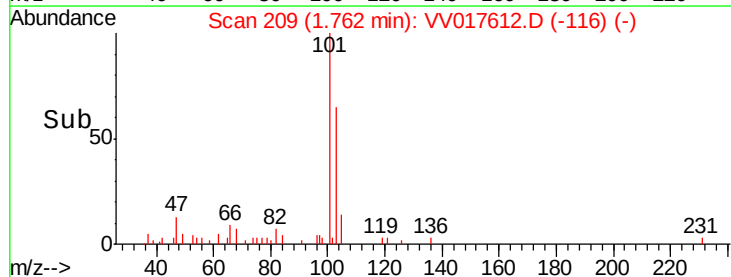
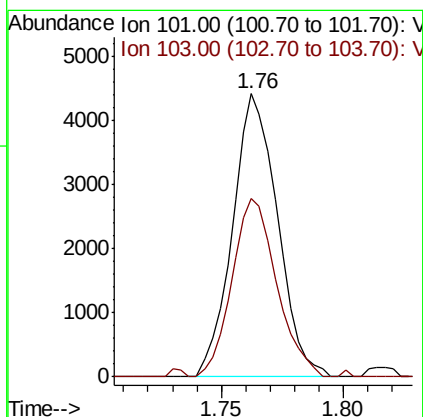
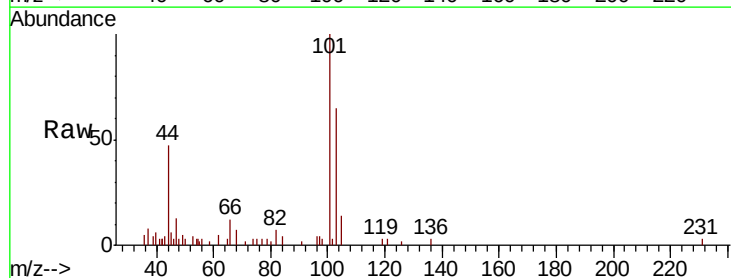
Instrument :
MSVOA_V
ClientSampleId :
MDL07

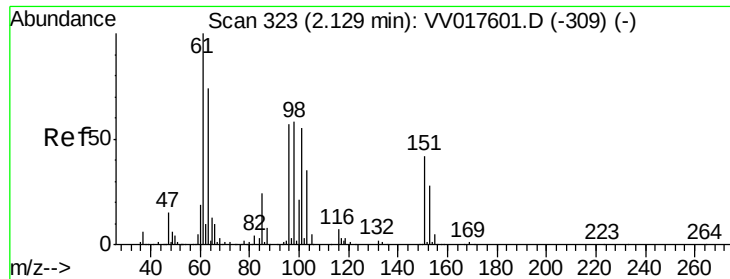
Tot Ion: 64 Resp: 2335
Ion Ratio Lower Upper
64 100
66 23.2 24.0 44.6#



#9
Trichlorofluoromethane
Concen: 0.242 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Tgt Ion: 101 Resp: 5631
Ion Ratio Lower Upper
101 100
103 62.5 51.7 77.5





#10

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

Concen: 0.284 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

MDL07

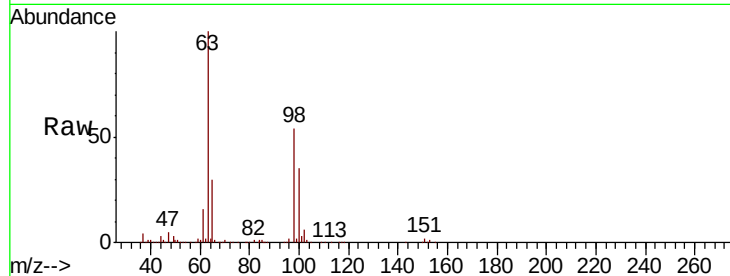
Tot Ion:101 Resp: 3093

Ion Ratio Lower Upper

101 100

85 45.8 34.6 51.8

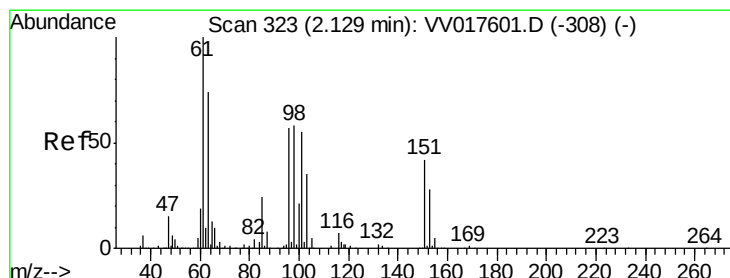
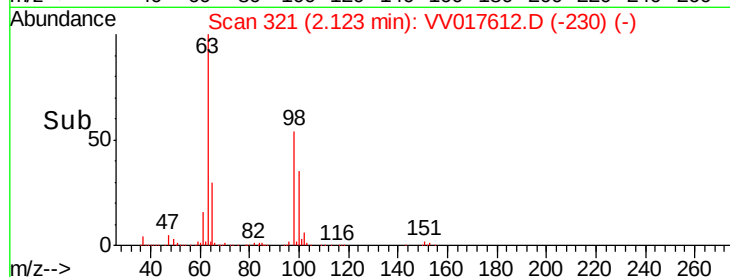
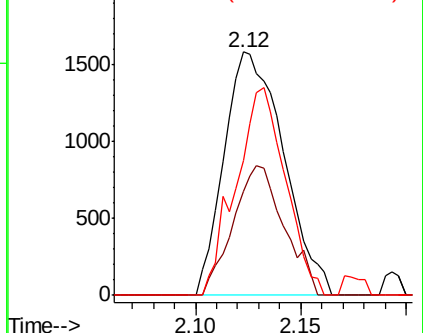
151 71.3 63.5 95.3



Abundance Ion 101.00 (100.70 to 101.70): VV017601.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV017601.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV017601.D (-309) (-)



#12

1,1-Dichloroethene

Concen: 0.297 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

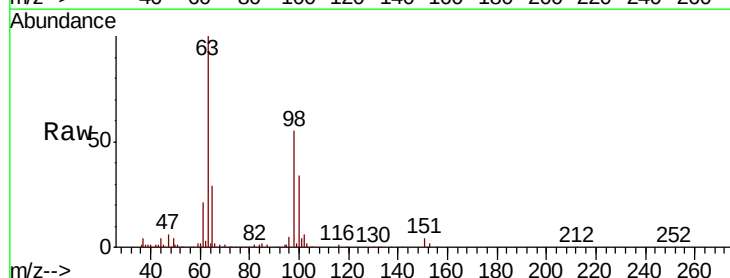
Tgt Ion: 96 Resp: 2910

Ion Ratio Lower Upper

96 100

61 394.6 123.1 228.7#

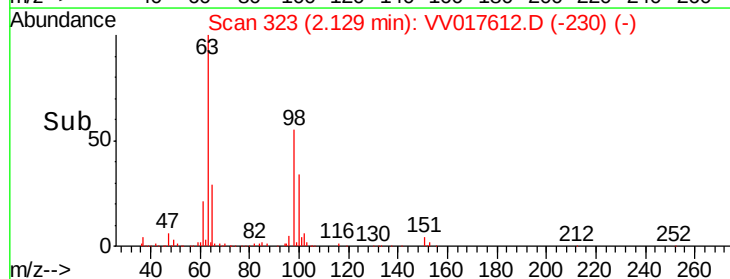
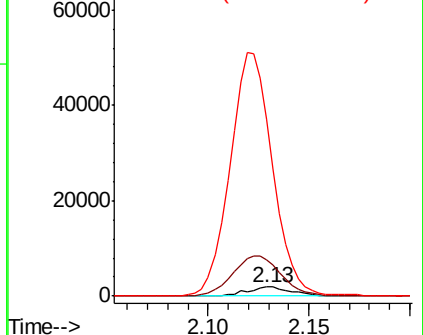
63 1891.6 91.2 169.4#

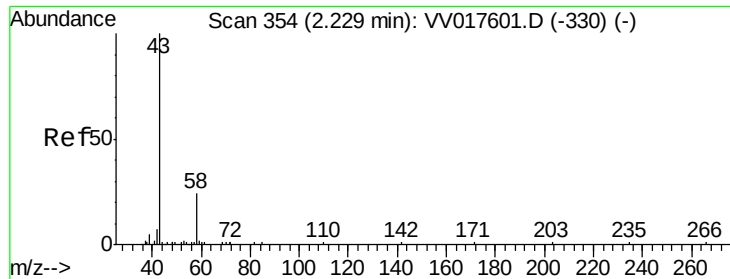


Abundance Ion 96.00 (95.70 to 96.70): VV017601.D (-308) (-)

Ion 61.05 (60.75 to 61.75): VV017601.D (-308) (-)

Ion 63.00 (62.70 to 63.70): VV017601.D (-308) (-)





#13

Acetone

Concen: 1.808 ug/L

RT: 2.24 min Scan# 358

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

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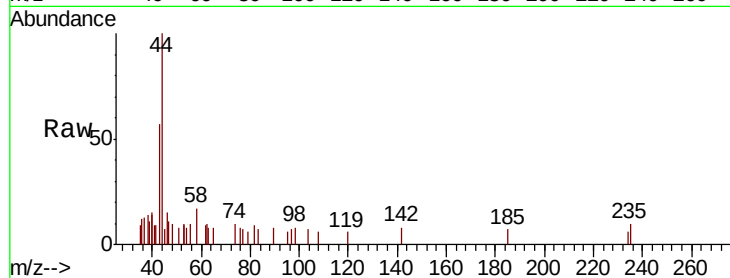
MDL07

Tot Ion: 43 Resp: 2946

Ion Ratio Lower Upper

43 100

58 3.4 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.24

1000

800

600

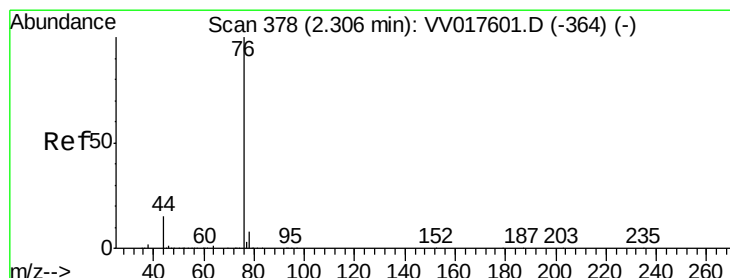
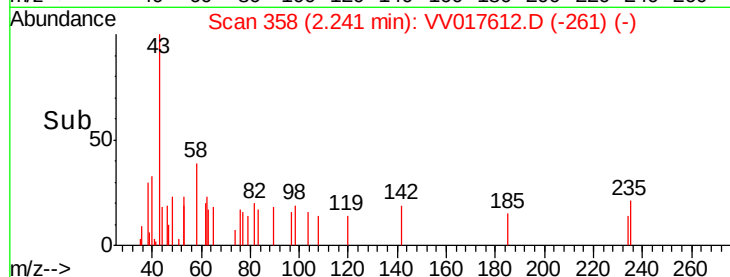
400

200

0

Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 0.258 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017612.D

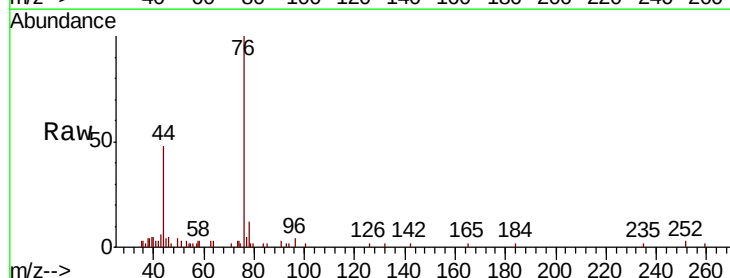
Acq: 23 Jul 2020 18:38

Tgt Ion: 76 Resp: 7684

Ion Ratio Lower Upper

76 100

78 12.1 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

6000

5000

4000

3000

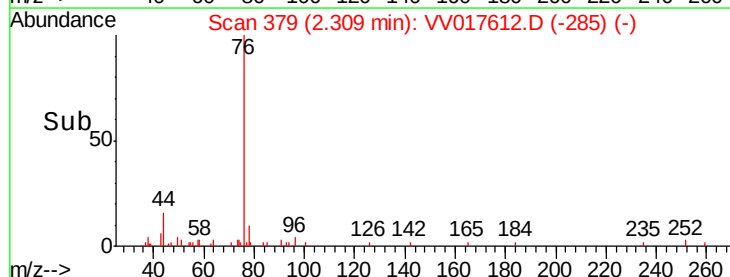
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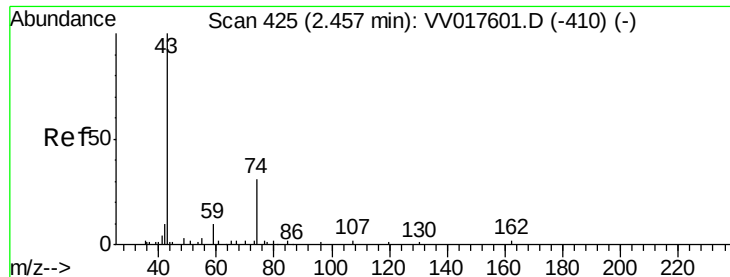
1000

0

Time-->

2.25 2.30 2.35

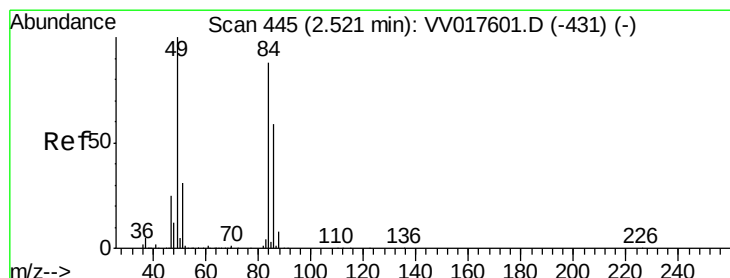
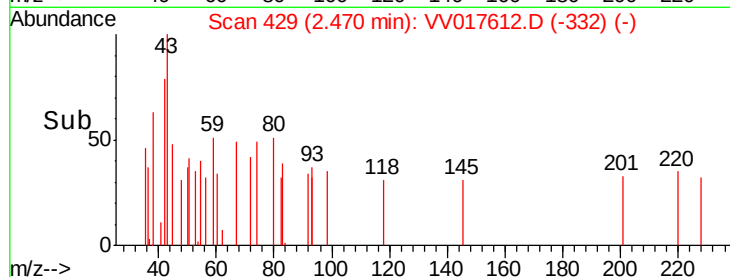
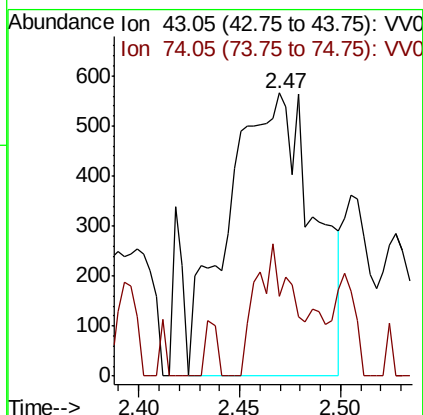
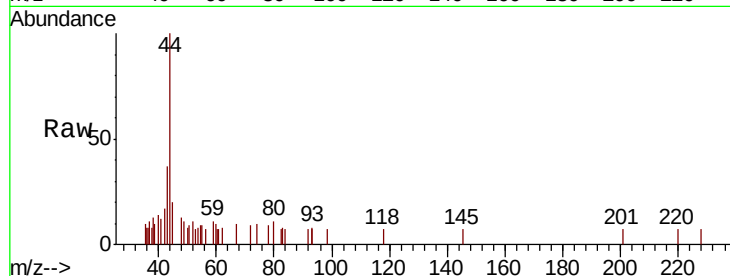




#15
Methvl Acetate
Concen: 0.528 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

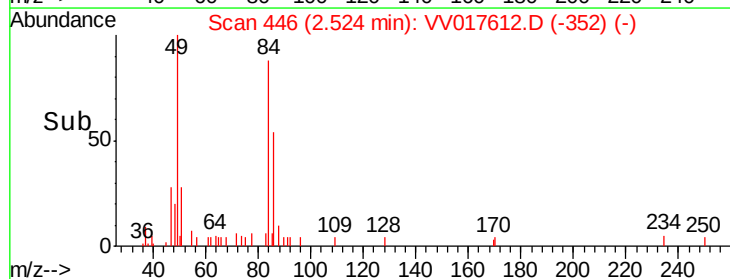
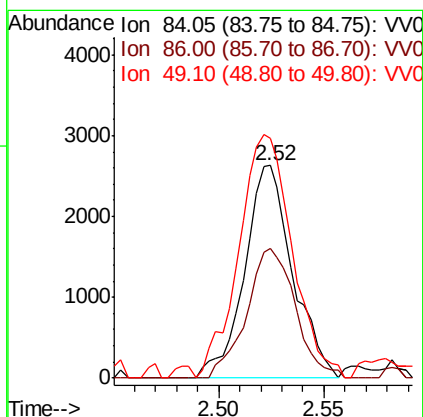
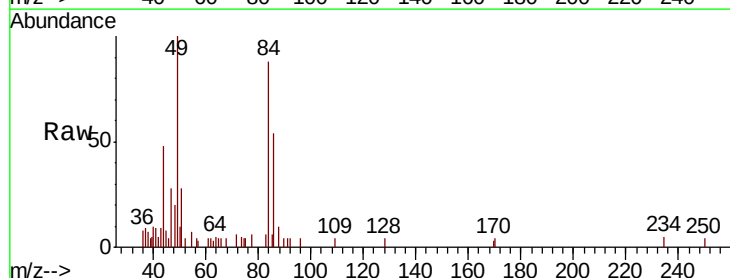
Instrument :
MSVOA_V
ClientSampled :
MDL07

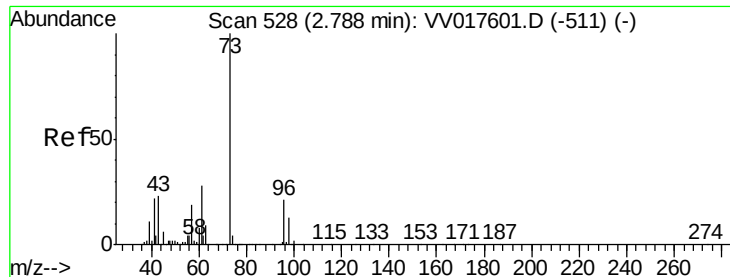
Tot Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
74 19.5 26.6 40.0#



#16
Methylene chloride
Concen: 0.382 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Tgt Ion: 84 Resp: 4166
Ion Ratio Lower Upper
84 100
86 60.8 46.5 86.3
49 113.1 79.2 147.2

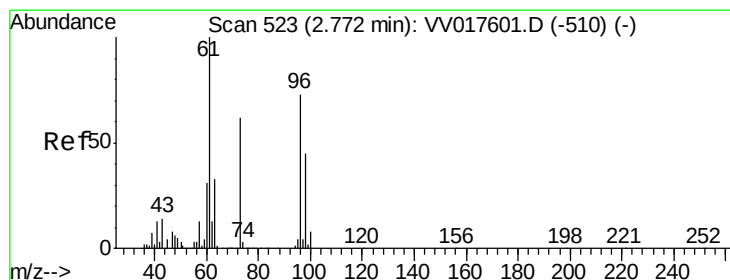
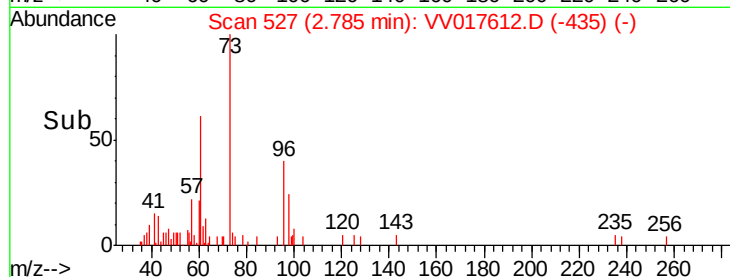
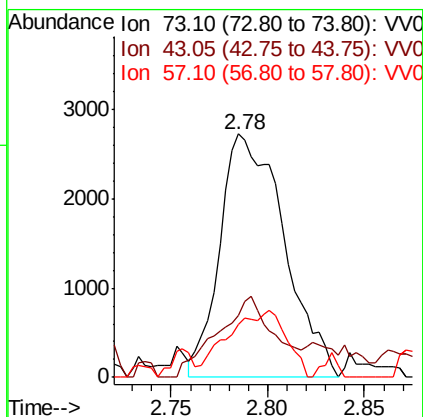
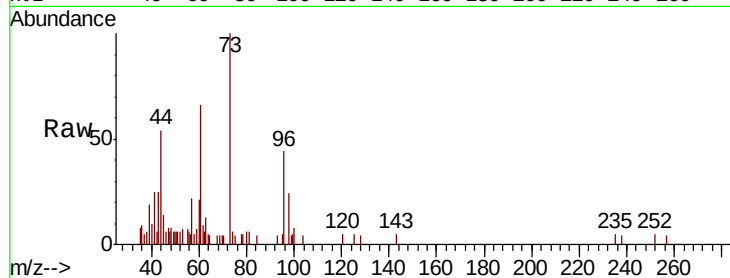




#17
Methyl tert-butyl Ether
Concen: 0.250 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

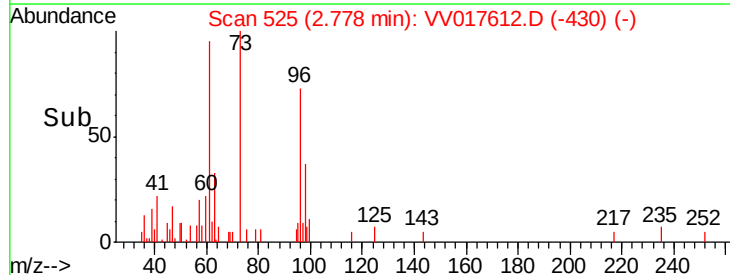
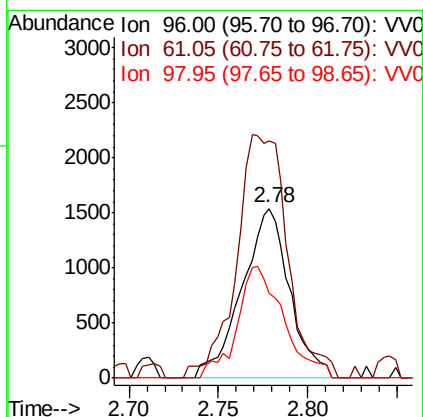
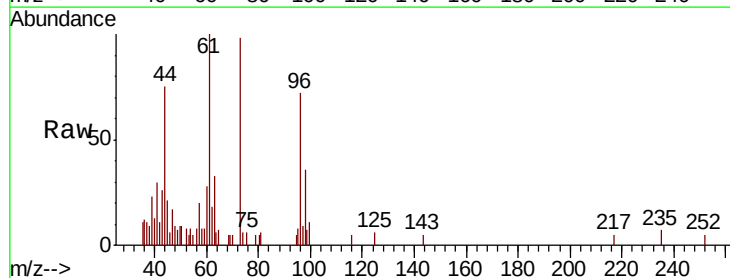
Instrument :
MSVOA_V
ClientSampled :
MDL07

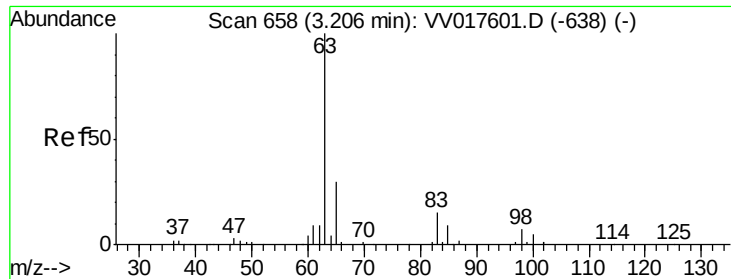
Tot Ion: 73 Resp: 6292
Ion Ratio Lower Upper
73 100
43 29.8 18.3 27.5#
57 25.2 16.7 25.1#



#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Tgt Ion: 96 Resp: 2872
Ion Ratio Lower Upper
96 100
61 139.5 96.0 178.4
98 49.9 43.5 80.9





#19

1,1-Dichloroethane

Concen: 0.259 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

MDL07

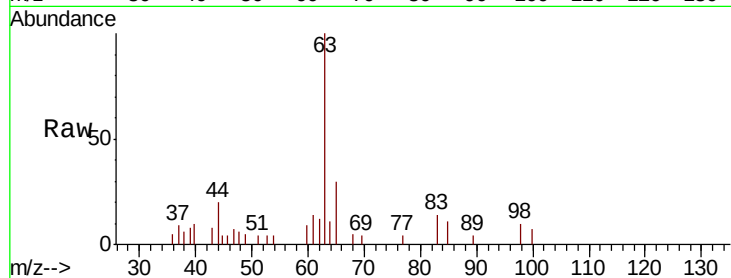
Tot Ion: 63 Resp: 5831

Ion Ratio Lower Upper

63 100

65 30.4 21.4 39.8

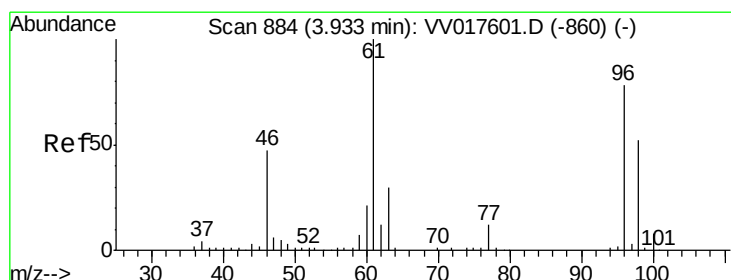
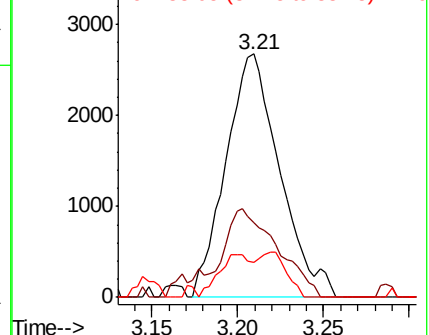
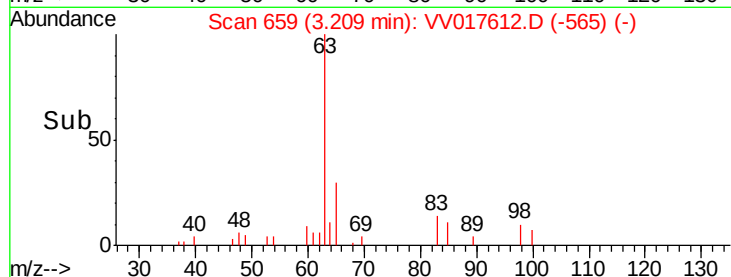
83 14.4 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VV017612.D (-565) (-)

Ion 65.10 (64.80 to 65.80): VV017612.D (-565) (-)

Ion 83.05 (82.75 to 83.75): VV017612.D (-565) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

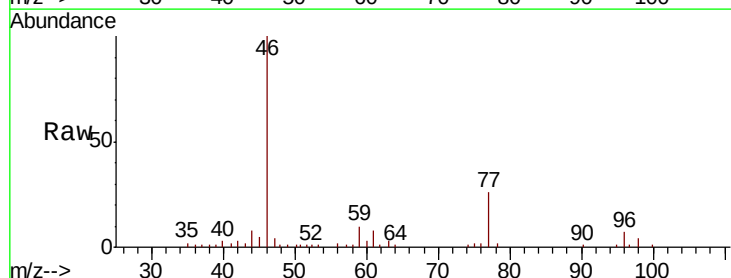
Tgt Ion: 96 Resp: 3430

Ion Ratio Lower Upper

96 100

61 103.0 89.6 166.4

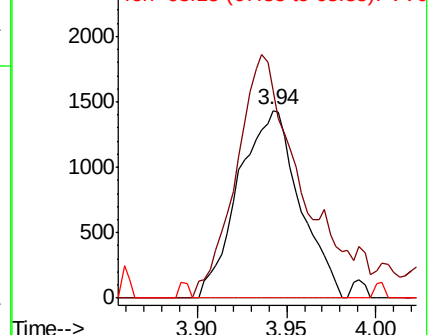
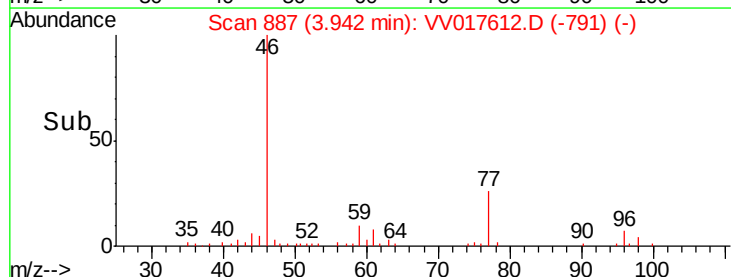
68 0.0 0.0 0.0

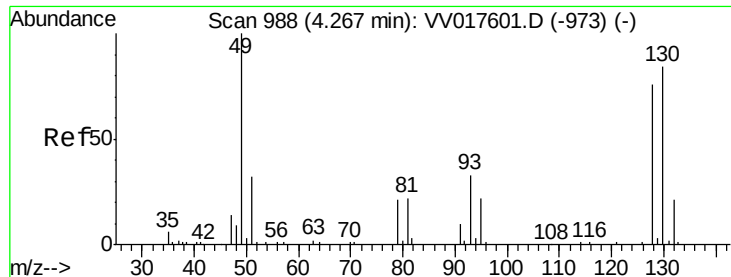


Abundance Ion 96.00 (95.70 to 96.70): VV017612.D (-791) (-)

Ion 61.05 (60.75 to 61.75): VV017612.D (-791) (-)

Ion 68.15 (67.85 to 68.85): VV017612.D (-791) (-)

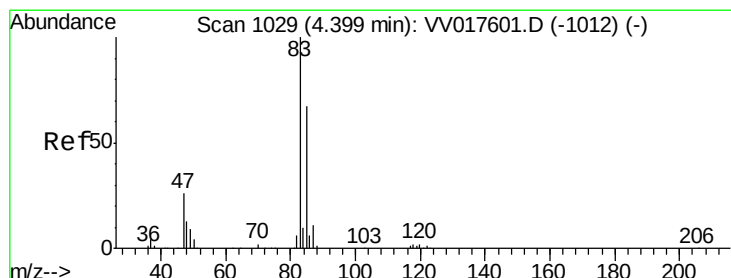
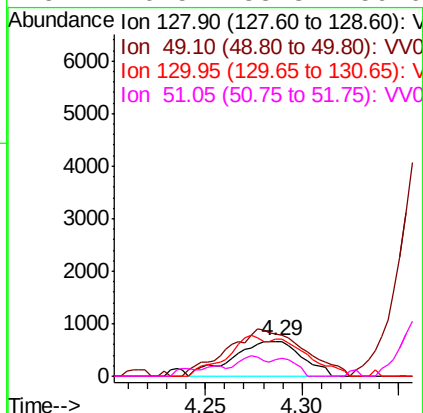
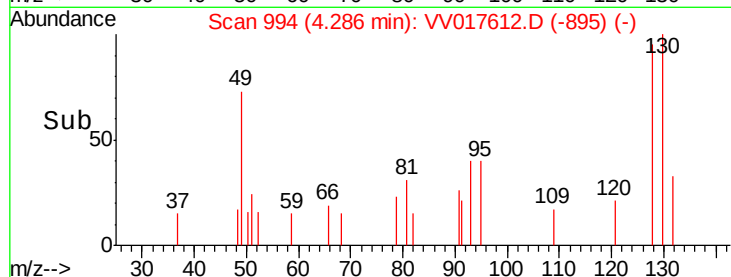
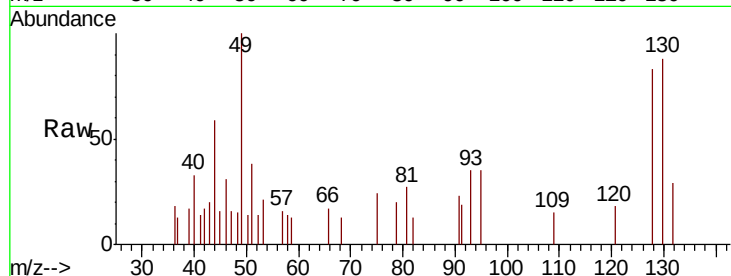




#23
Bromochloromethane
Concen: 0.264 ug/L
RT: 4.29 min Scan# 994
Delta R.T. 0.02 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

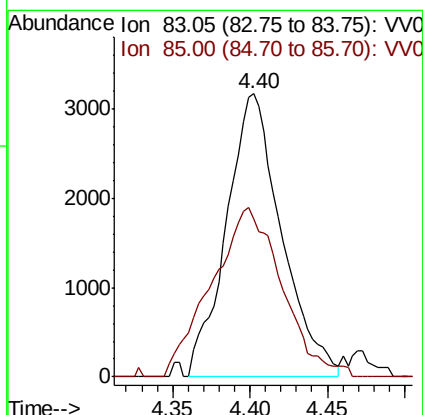
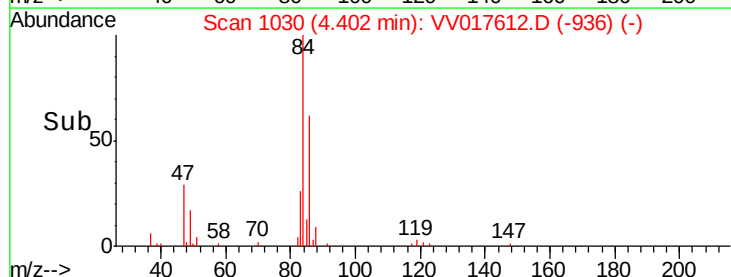
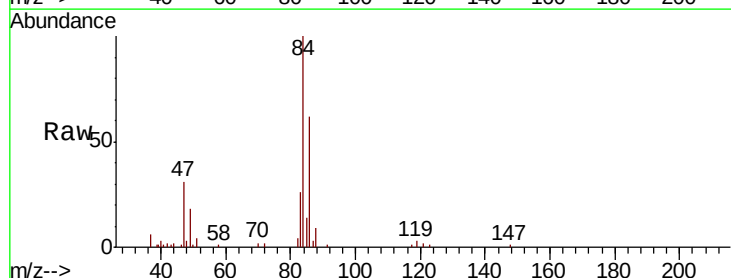
Instrument :
MSVOA_V
ClientSampleId :
MDL07

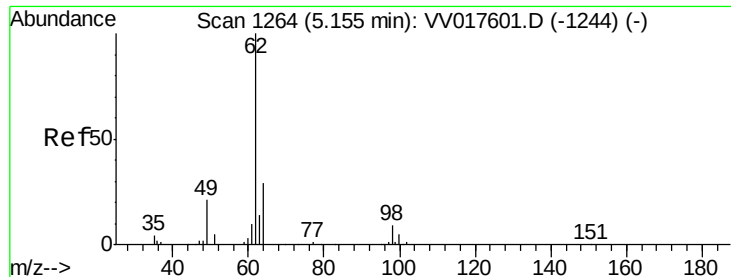
Tot Ion:128 Resp: 1640
Ion Ratio Lower Upper
128 100
49 120.8 92.2 171.2
130 105.7 77.2 143.4
51 46.5 33.8 50.6



#25
Chloroform
Concen: 0.311 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Tgt Ion: 83 Resp: 7853
Ion Ratio Lower Upper
83 100
85 55.6 47.3 87.9

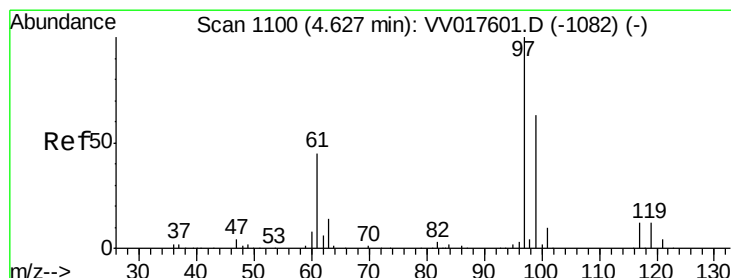
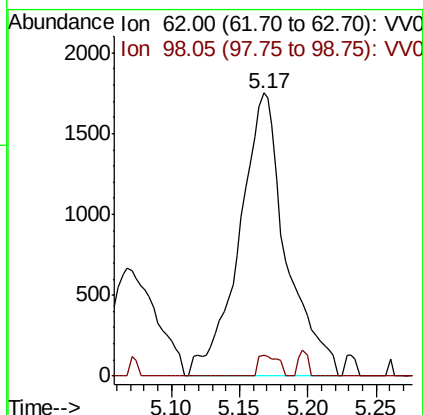
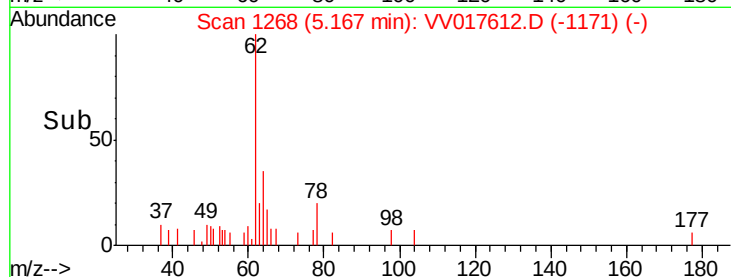
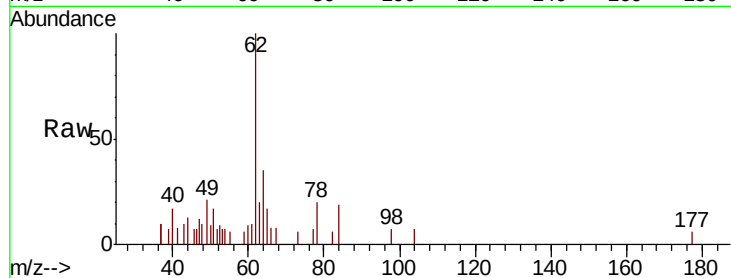




#27
 1,2-Dichloroethane
 Concen: 0.255 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

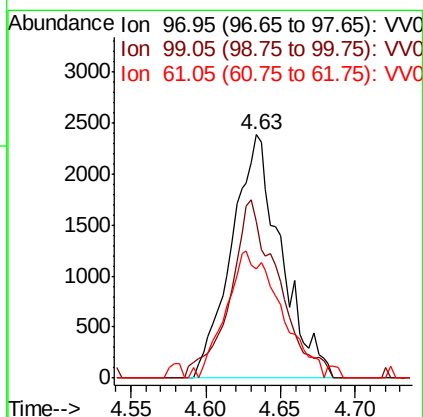
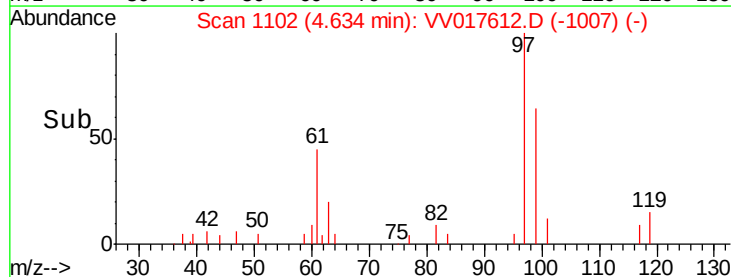
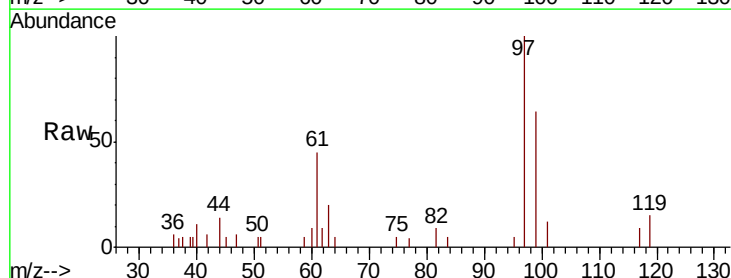
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

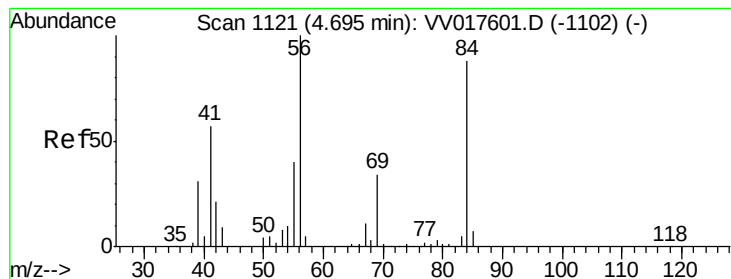
Tot Ion: 62 Resp: 4175
 Ion Ratio Lower Upper
 62 100
 98 7.5 7.0 10.6



#29
 1,1,1-Trichloroethane
 Concen: 0.226 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Tgt Ion: 97 Resp: 5488
 Ion Ratio Lower Upper
 97 100
 99 71.1 50.6 76.0
 61 57.5 35.7 53.5#





#30

Cyclohexane

Concen: 0.108 ug/L

RT: 4.69 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampled :

MDL07

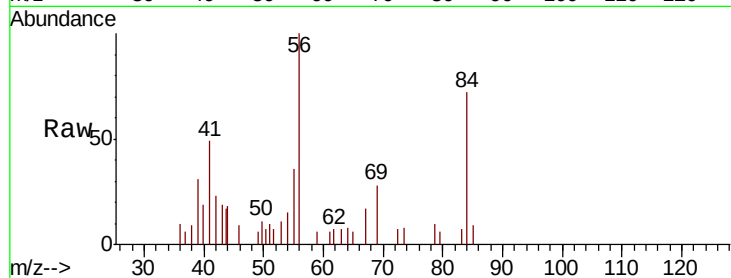
Tot Ion: 56 Resp: 2083

Ion Ratio Lower Upper

56 100

69 40.1 25.4 38.2#

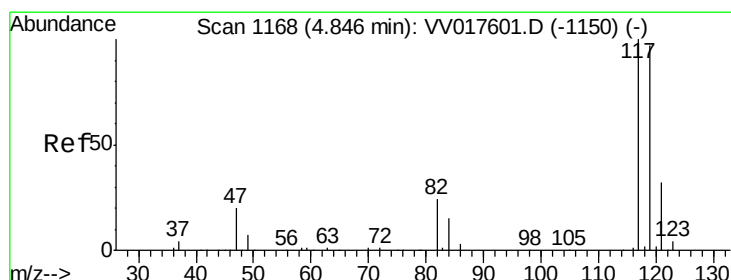
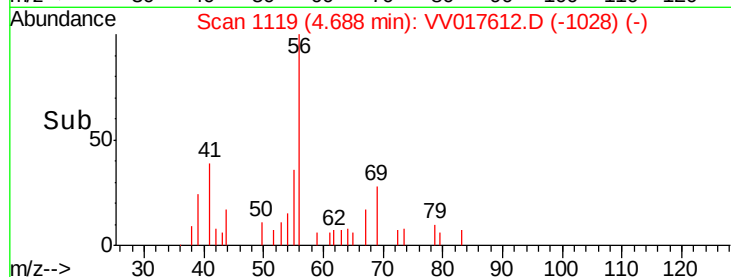
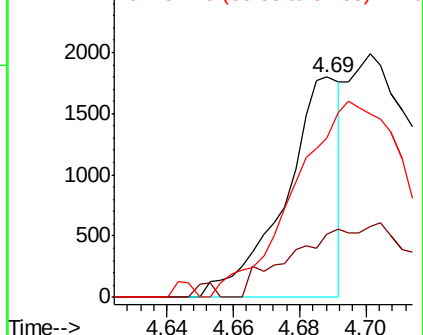
84 191.5 73.0 109.4#



Abundance Ion 56.10 (55.80 to 56.80): VV017612.D (-1102) (-)

Ion 69.15 (68.85 to 69.85): VV017612.D (-1102) (-)

Ion 84.15 (83.85 to 84.85): VV017612.D (-1102) (-)



#31

Carbon tetrachloride

Concen: 0.260 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.01 min

Lab File: VV017612.D

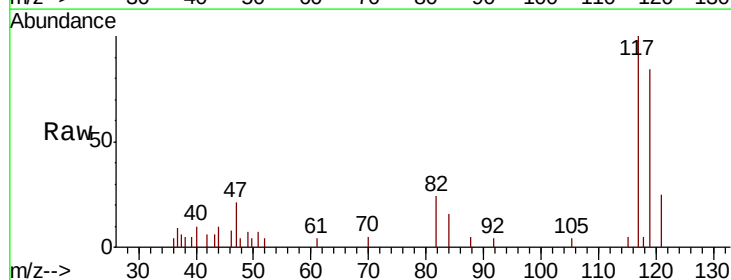
Acq: 23 Jul 2020 18:38

Tgt Ion: 117 Resp: 5613

Ion Ratio Lower Upper

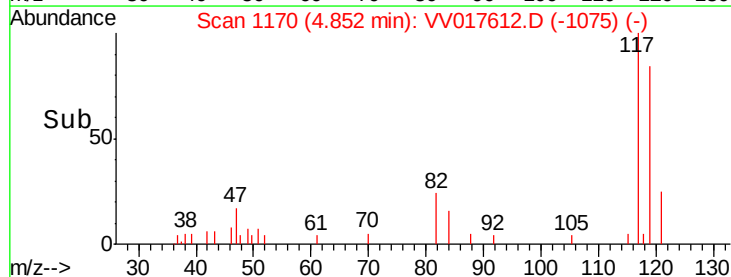
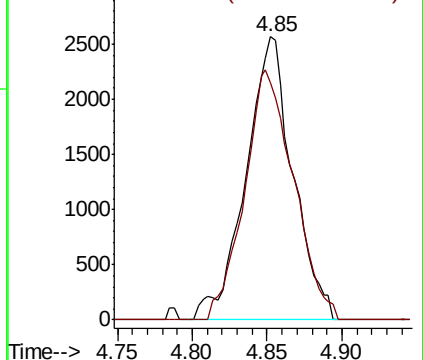
117 100

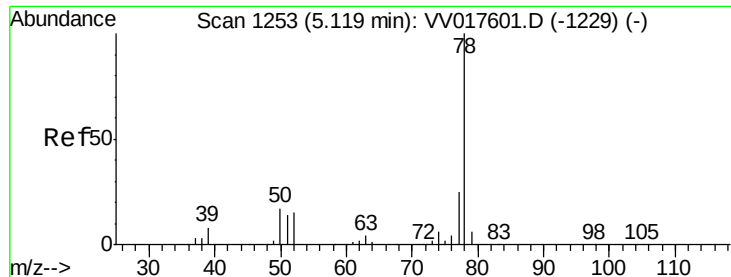
119 91.8 76.9 115.3



Abundance Ion 116.90 (116.60 to 117.60): VV017612.D (-1075) (-)

Ion 118.90 (118.60 to 119.60): VV017612.D (-1075) (-)





#33

Benzene

Concen: 0.245 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

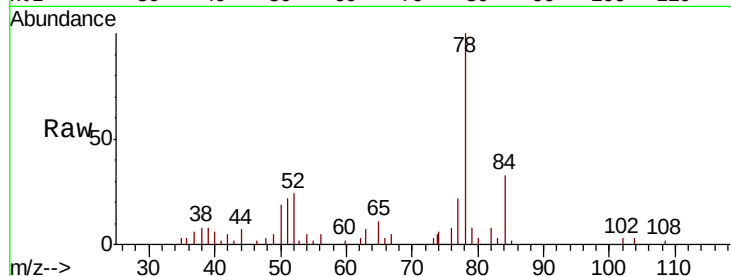
Instrument :

MSVOA_V

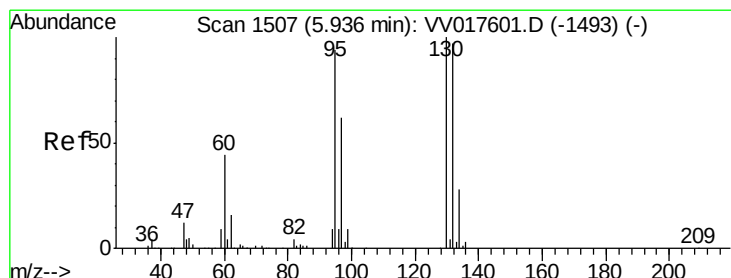
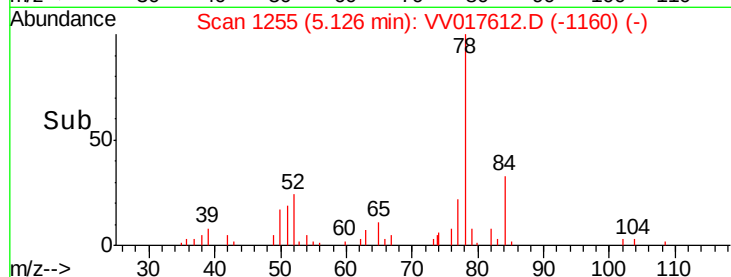
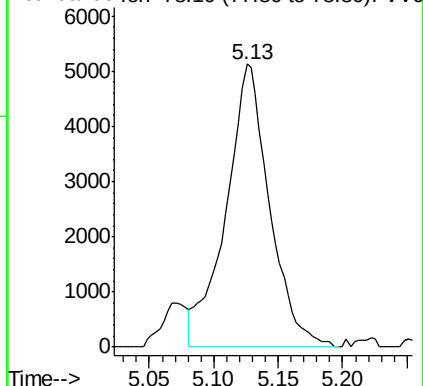
ClientSampled :

MDL07

Tgt Ion: 78 Resp: 12050



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.258 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Tgt Ion: 95 Resp: 3534

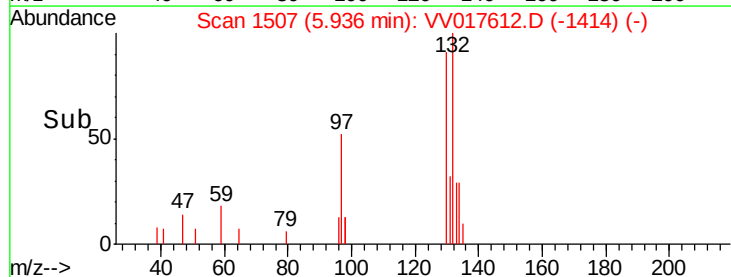
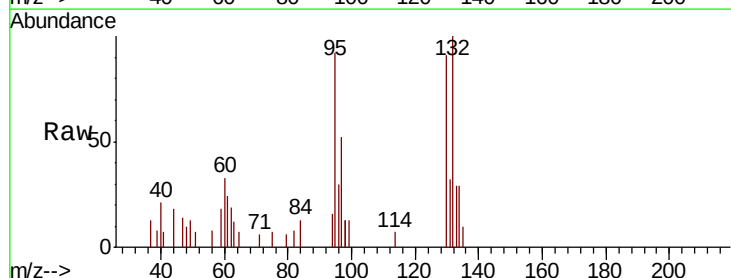
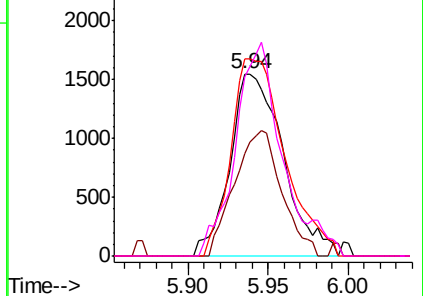
Ion	Ratio	Lower	Upper
95	100		
97	56.5	46.1	85.5
132	108.3	71.7	133.1
130	98.6	74.3	137.9

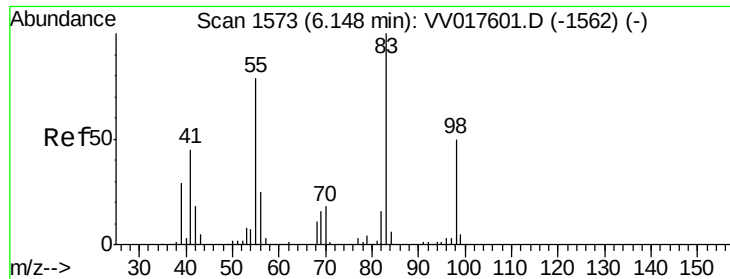
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

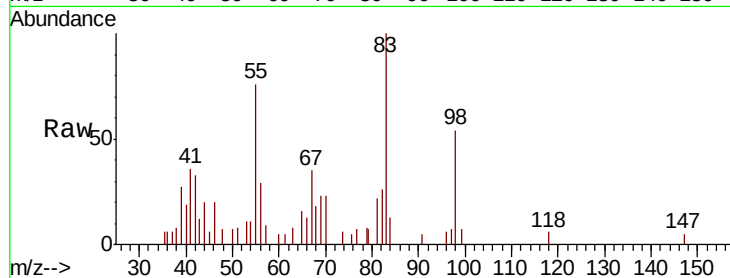




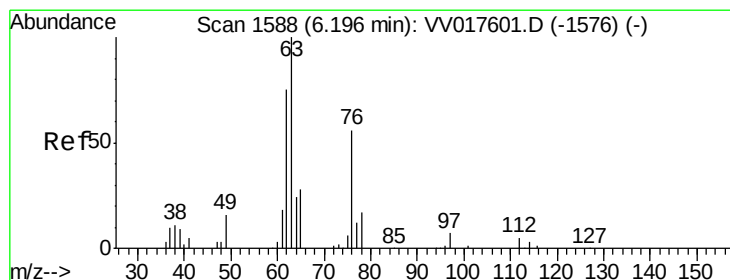
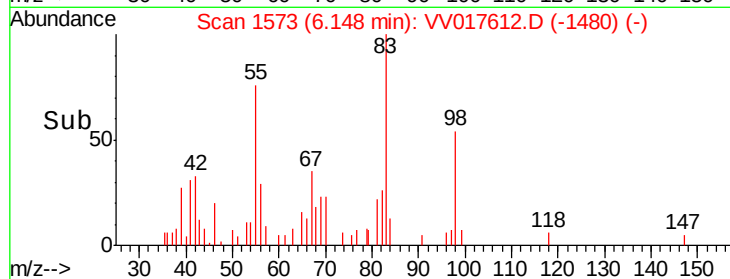
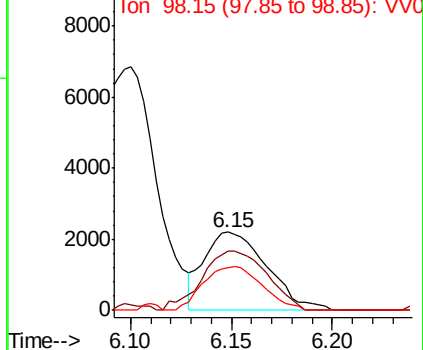
#35
Methylcyclohexane
Concen: 0.230 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion: 83 Resp: 4764
Ion Ratio Lower Upper
83 100
55 78.4 61.8 92.8
98 52.5 39.0 58.6

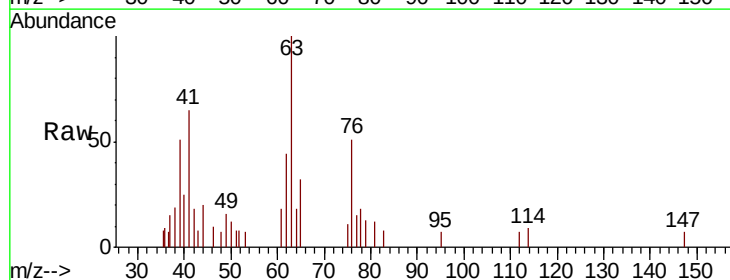


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

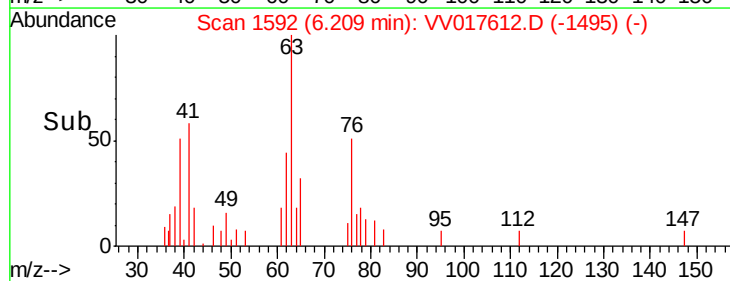
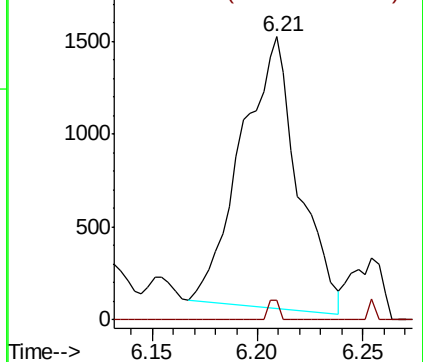


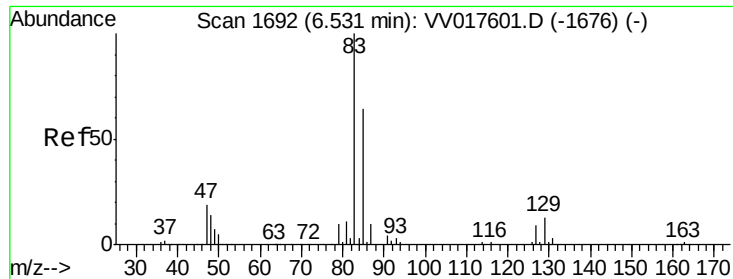
#37
1,2-Dichloropropane
Concen: 0.237 ug/L
RT: 6.21 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Tgt Ion: 63 Resp: 2738
Ion Ratio Lower Upper
63 100
112 1.5 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.255 ug/L

RT: 6.54 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampled :

MDL07

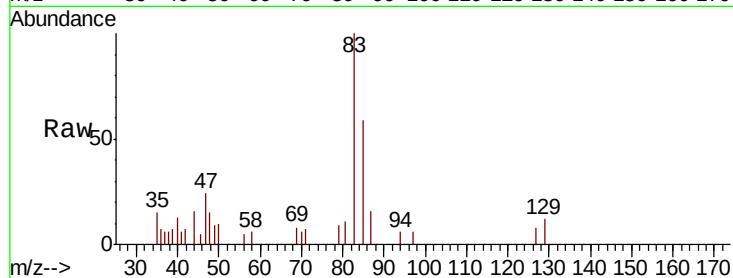
Tot Ion: 83 Resp: 4331

Ion Ratio Lower Upper

83 100

85 58.7 44.7 83.1

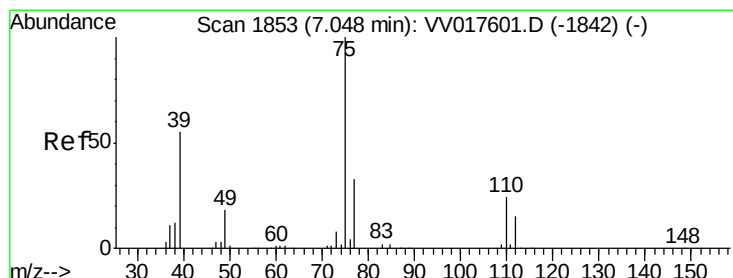
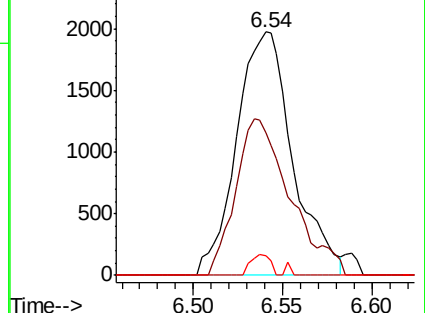
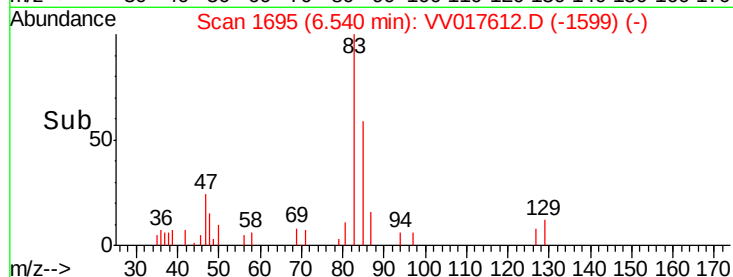
127 8.3 7.4 11.0



Abundance Ion 82.95 (82.65 to 83.65): VV017612.D (-1599) (-)

Ion 85.00 (84.70 to 85.70): VV017612.D (-1599) (-)

Ion 126.90 (126.60 to 127.60): VV017612.D (-1599) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.226 ug/L

RT: 7.05 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VV017612.D

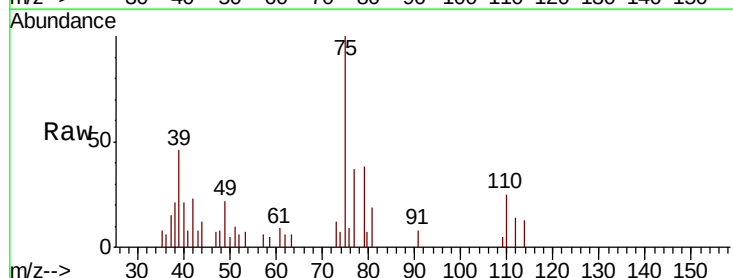
Acq: 23 Jul 2020 18:38

Tgt Ion: 75 Resp: 3930

Ion Ratio Lower Upper

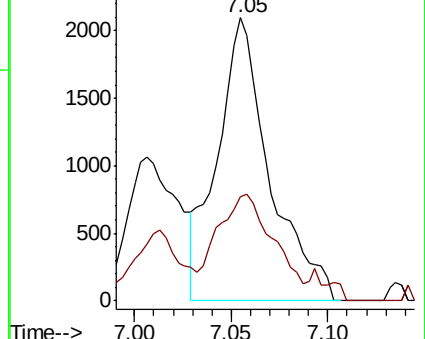
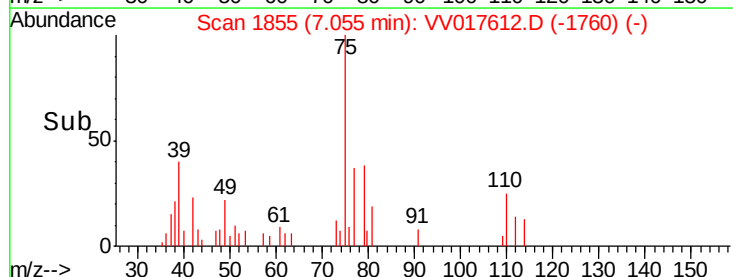
75 100

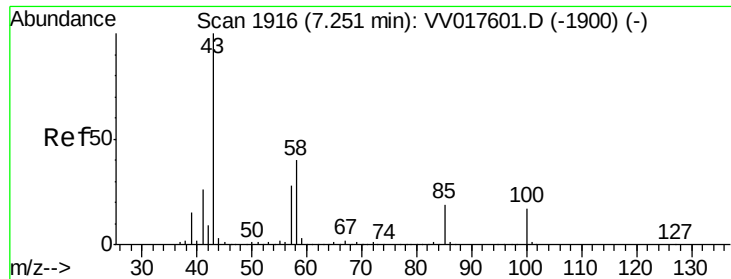
77 36.8 23.2 43.2



Abundance Ion 75.05 (74.75 to 75.75): VV017612.D (-1760) (-)

Ion 77.05 (76.75 to 77.75): VV017612.D (-1760) (-)

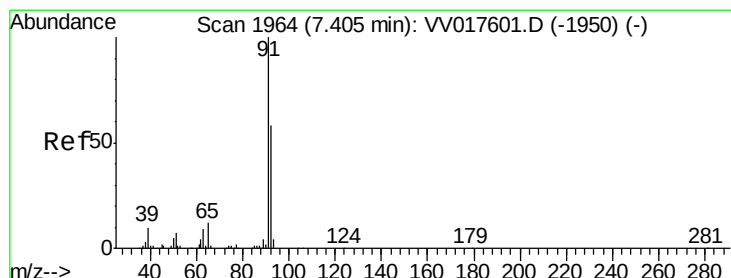
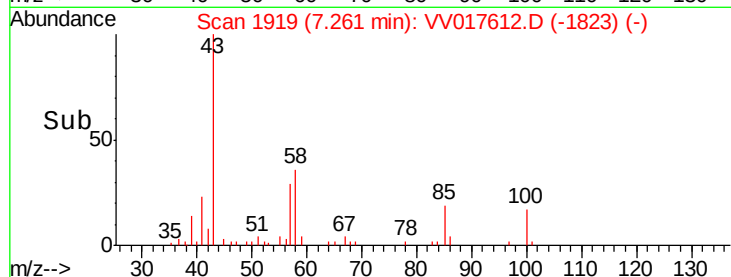
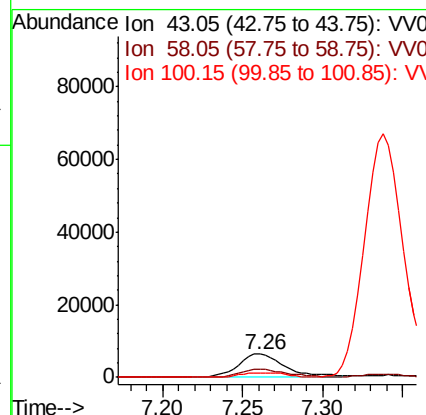
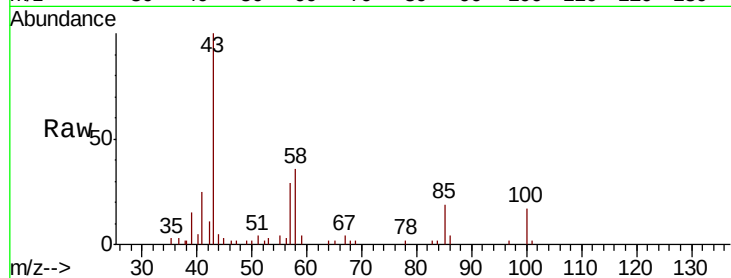




#40
4-Methyl-2-pentanone
Concen: 2.038 ug/L
RT: 7.26 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

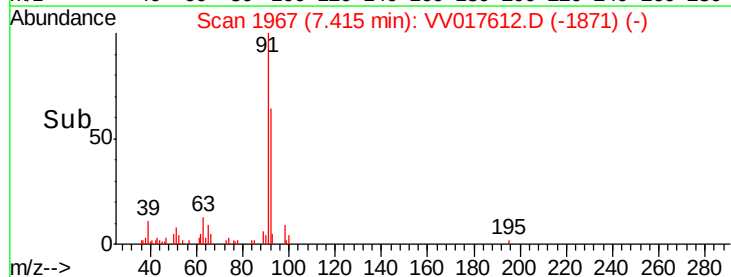
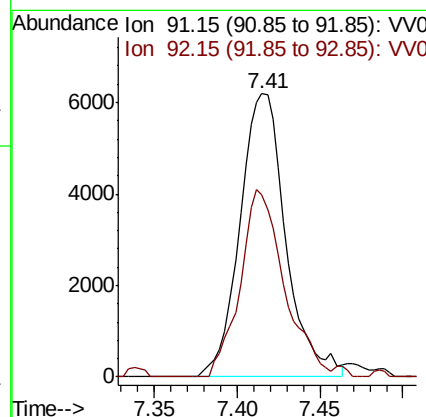
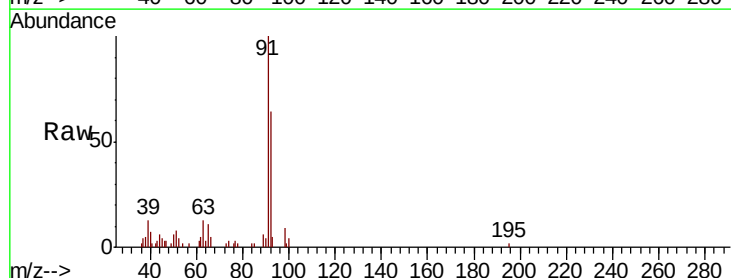
Instrument :
MSVOA_V
ClientSampled :
MDL07

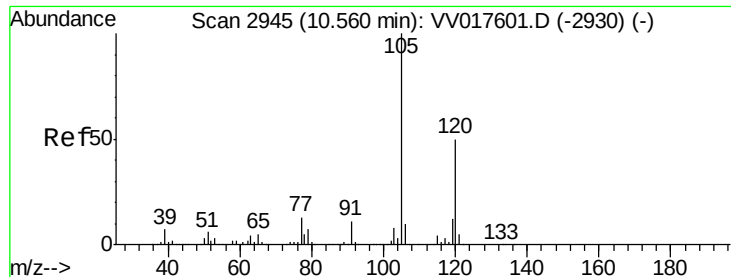
Tot Ion: 43 Resp: 12900
Ion Ratio Lower Upper
43 100
58 35.2 31.2 46.8
100 0.0 13.6 20.4#



#42
Toluene
Concen: 0.223 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Tgt Ion: 91 Resp: 11930
Ion Ratio Lower Upper
91 100
92 64.4 40.8 75.8





#43

1,3,5-Trimethylbenzene

Concen: 0.194 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampled :

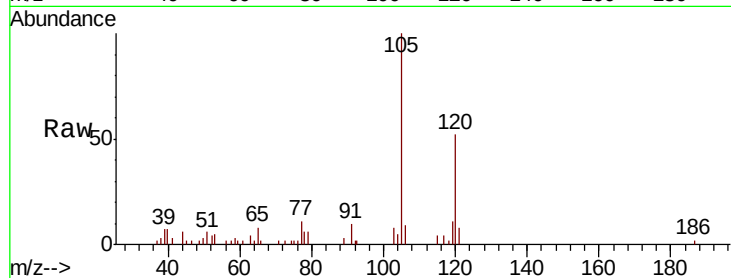
MDL07

Tot Ion:105 Resp: 9729

Ion Ratio Lower Upper

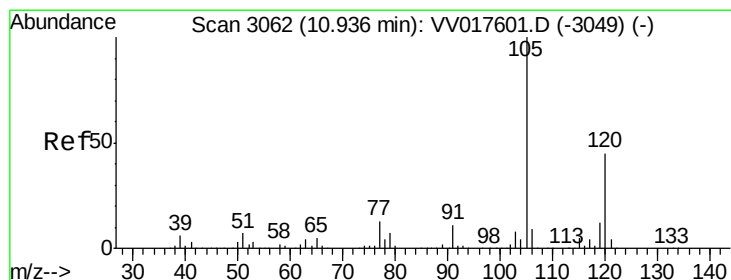
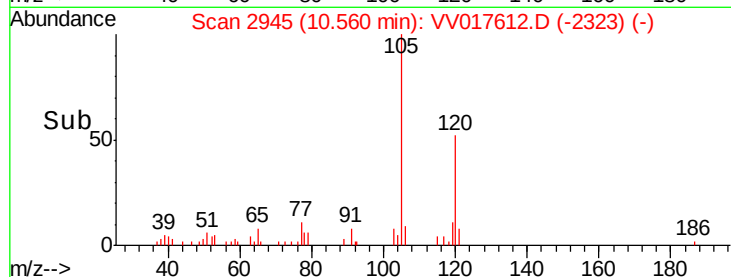
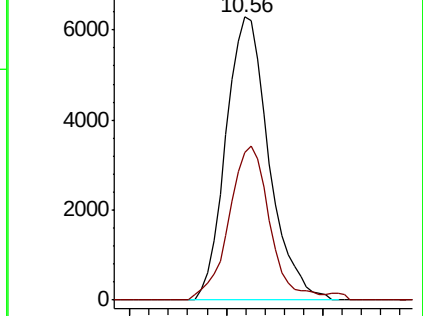
105 100

120 51.4 39.4 59.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#44

1,2,4-Trimethylbenzene

Concen: 0.184 ug/L

RT: 10.94 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VV017612.D

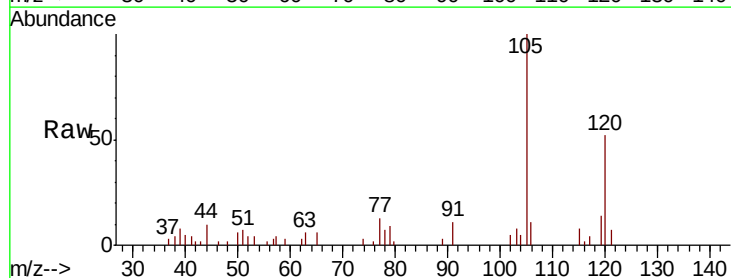
Acq: 23 Jul 2020 18:38

Tgt Ion:105 Resp: 9426

Ion Ratio Lower Upper

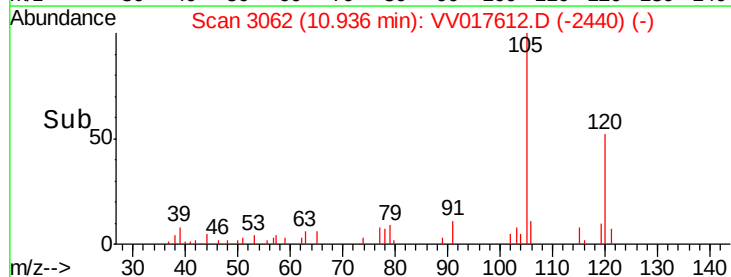
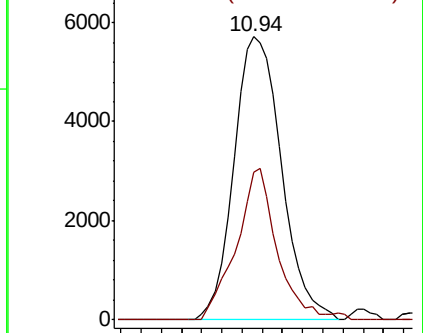
105 100

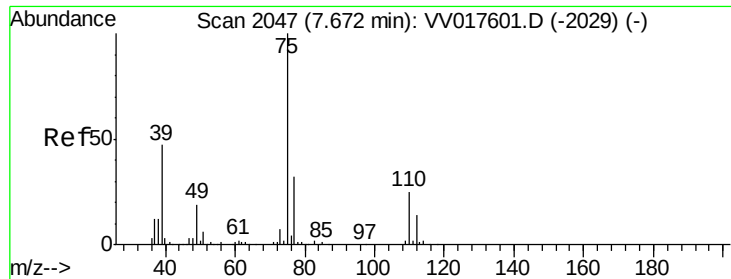
120 45.5 35.9 53.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#46

trans-1,3-Dichloropropene

Concen: 0.321 ug/L

RT: 7.68 min Scan# 2048

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

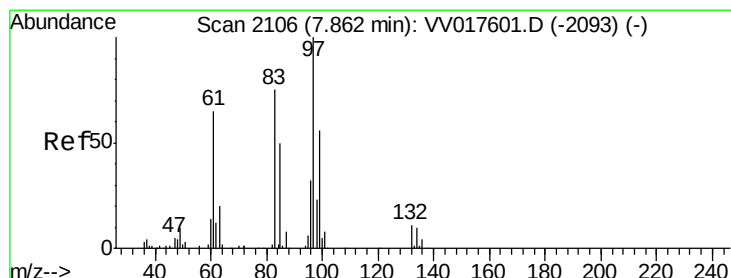
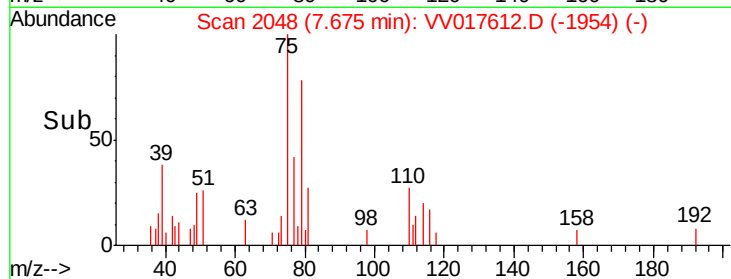
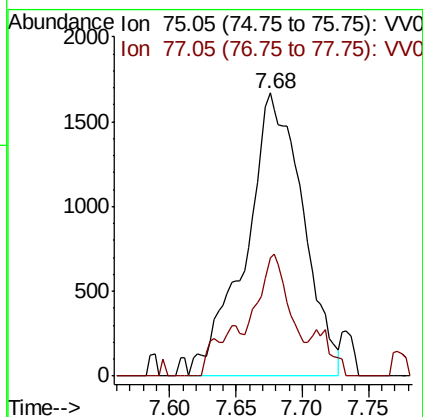
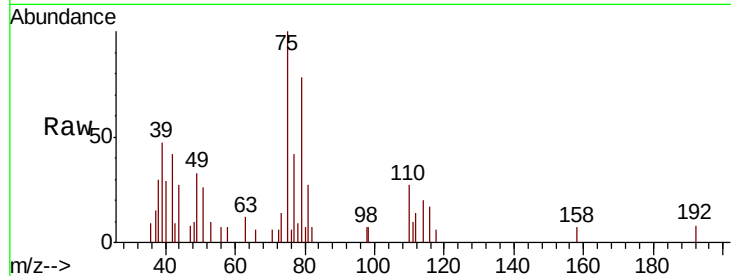
MDL07

Tot Ion: 75 Resp: 5018

Ion Ratio Lower Upper

75 100

77 41.7 22.5 41.7



#47

1,1,2-Trichloroethane

Concen: 0.274 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Tgt Ion: 97 Resp: 2397

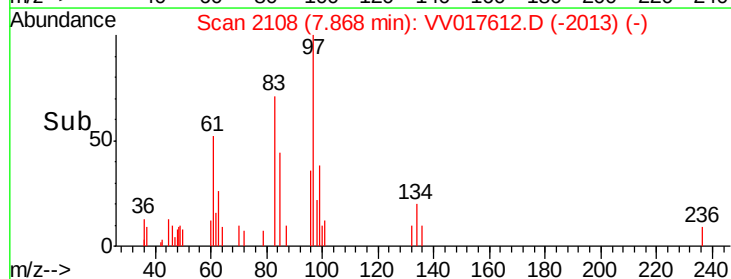
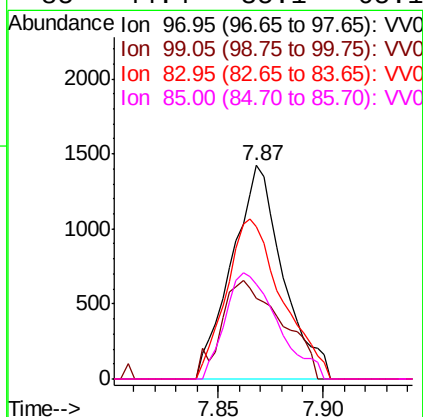
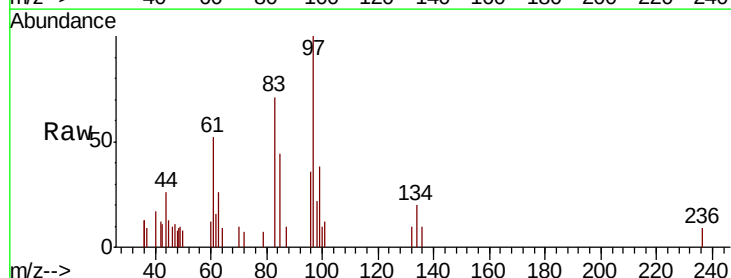
Ion Ratio Lower Upper

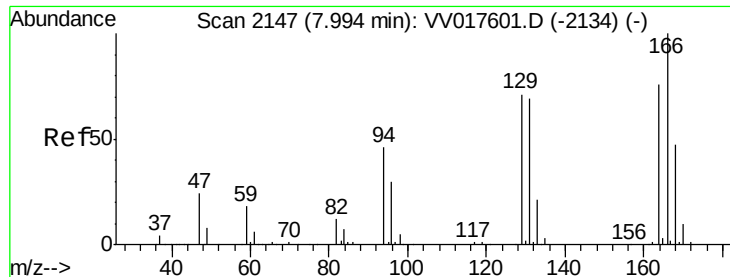
97 100

99 37.6 39.5 73.4#

83 71.2 52.6 97.6

85 44.4 35.1 65.1





#49

Tetrachloroethene

Concen: 0.240 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tot Ion:164 Resp: 2905

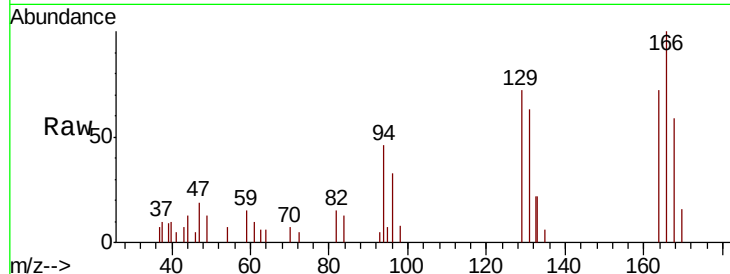
Ion Ratio Lower Upper

164 100

129 100.1 65.0 120.8

131 87.6 63.6 118.2

166 138.7 91.7 170.3

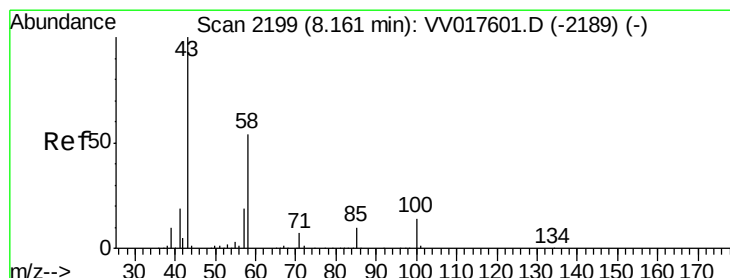
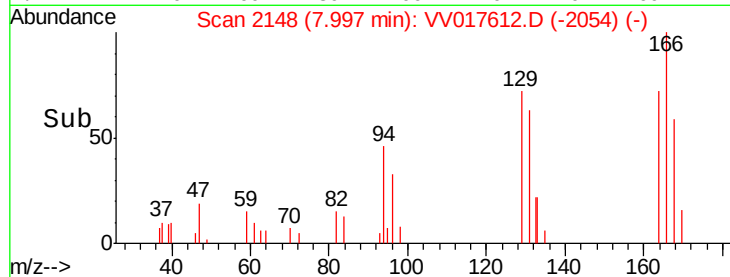
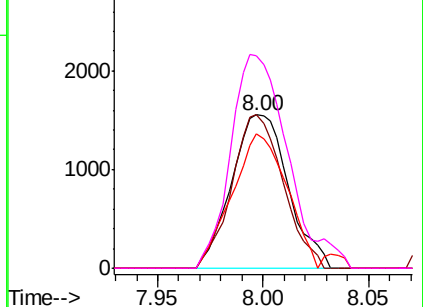


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 3.291 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Tgt Ion: 43 Resp: 14739

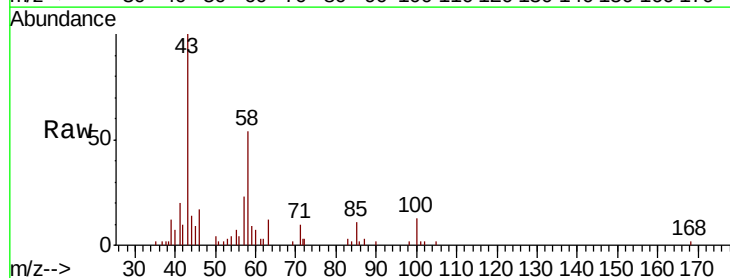
Ion Ratio Lower Upper

43 100

58 59.7 41.6 62.4

57 18.1 15.4 23.0

100 13.4 11.2 16.8

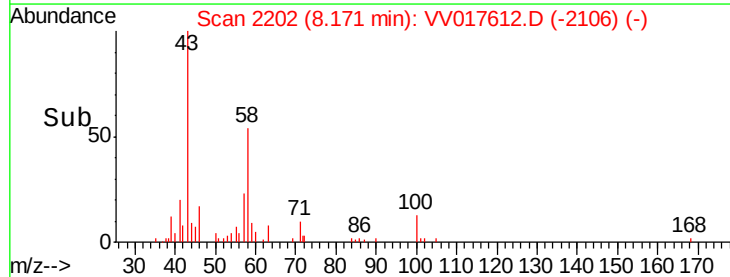
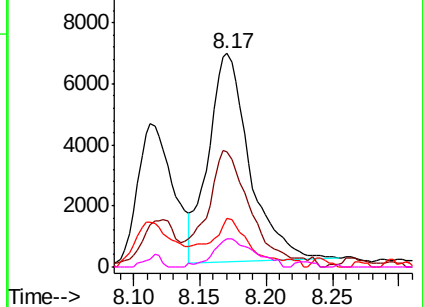


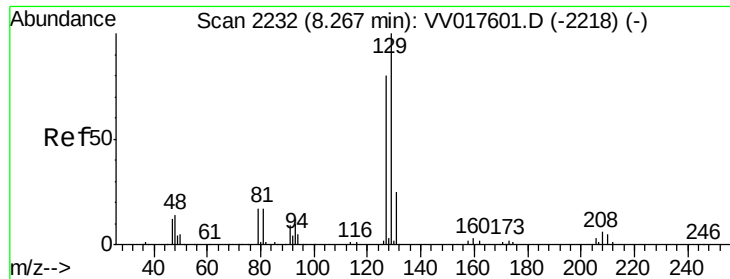
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

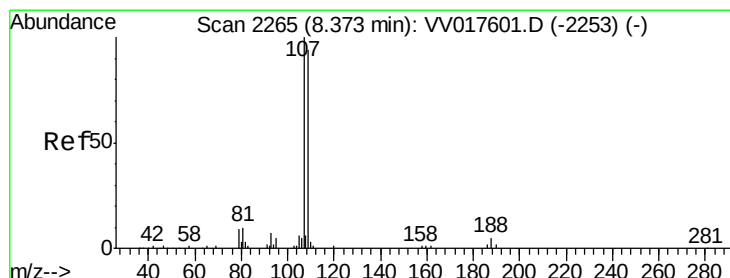
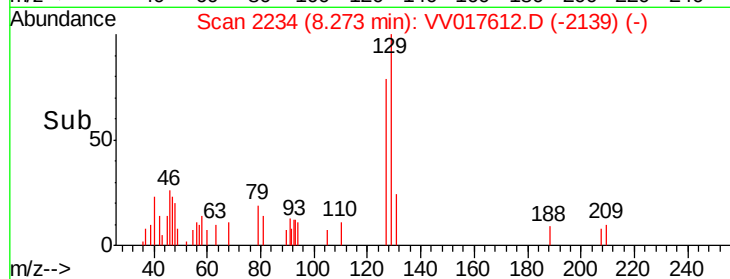
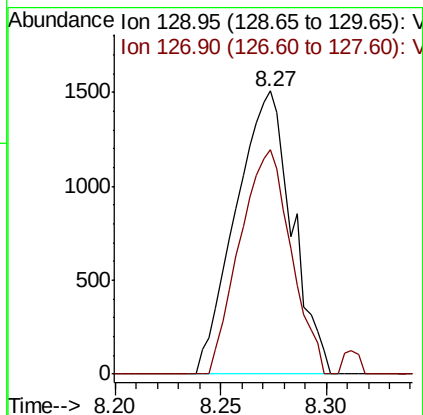
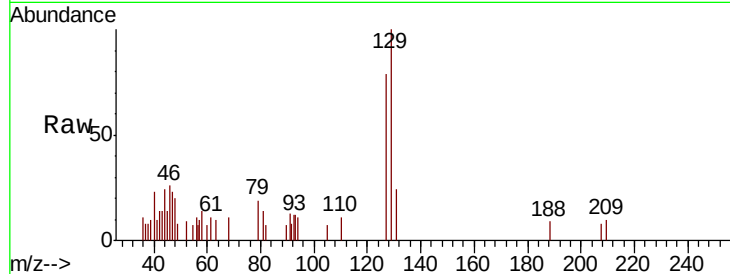




#51
 Dibromochloromethane
 Concen: 0.251 ug/L
 RT: 8.27 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

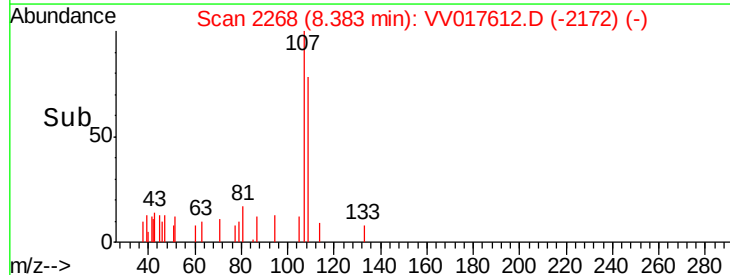
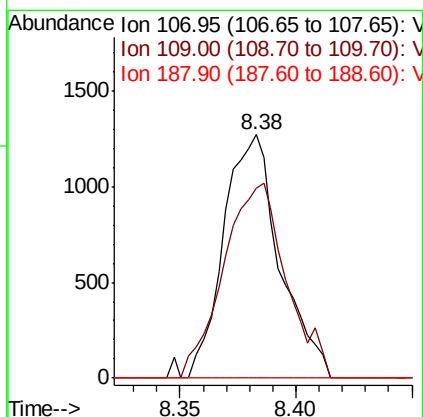
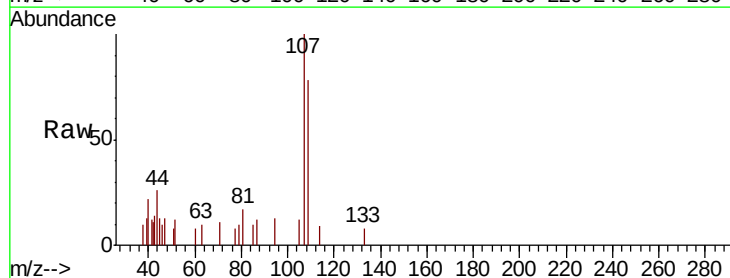
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

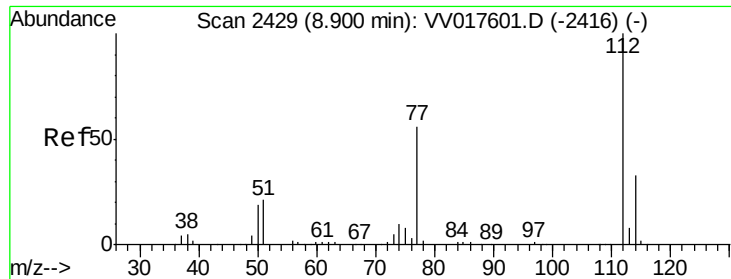
Tot Ion:129 Resp: 2799
 Ion Ratio Lower Upper
 129 100
 127 79.2 56.3 104.5



#52
 1,2-Dibromoethane
 Concen: 0.259 ug/L
 RT: 8.38 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Tgt Ion:107 Resp: 2137
 Ion Ratio Lower Upper
 107 100
 109 77.8 65.5 121.7
 188 0.0 3.7 5.5#

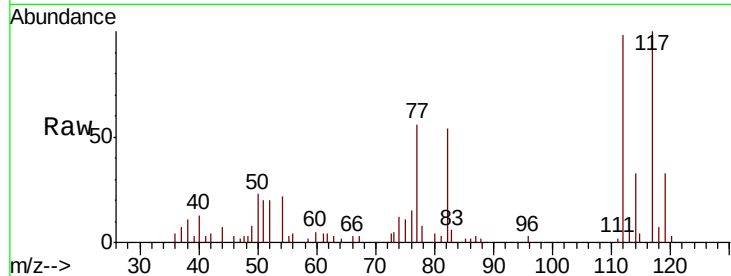




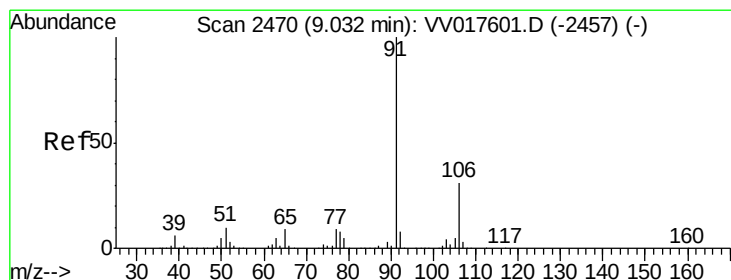
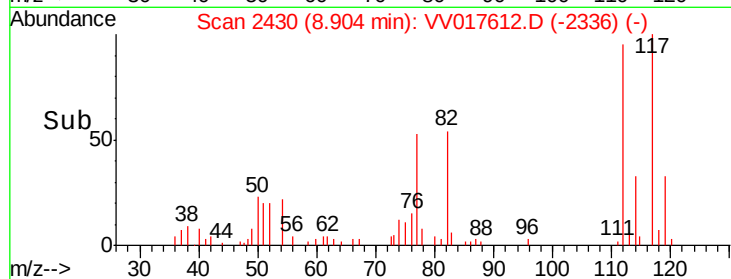
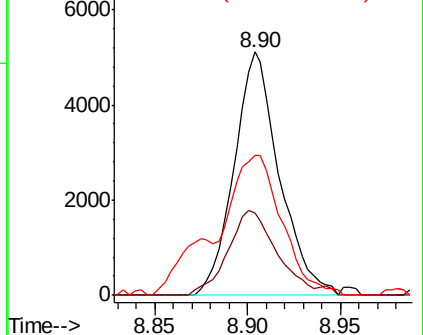
#53
Chlorobenzene
Concen: 0.242 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tot Ion:112 Resp: 8661
Ion Ratio Lower Upper
112 100
114 34.0 23.2 43.2
77 57.3 45.6 68.4

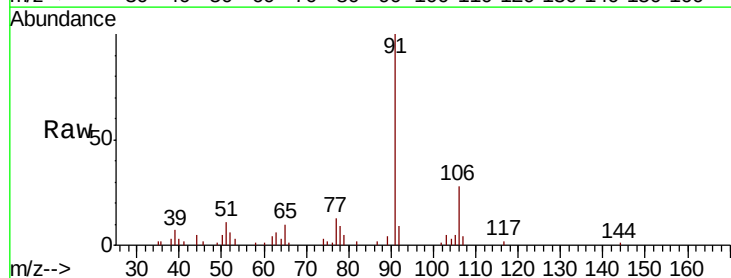


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

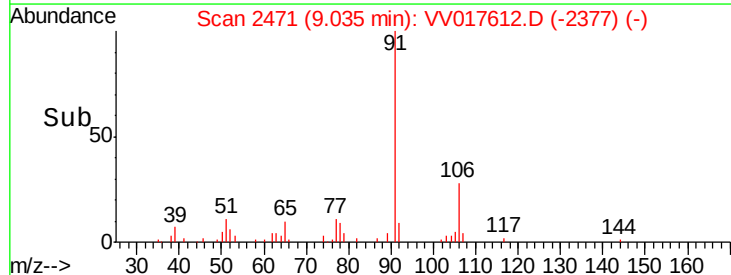
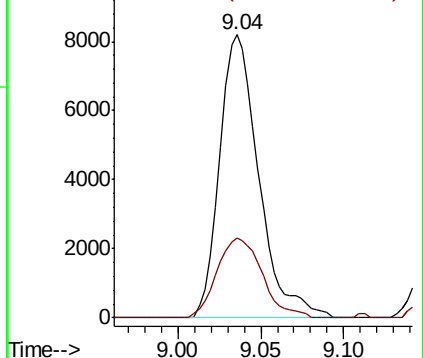


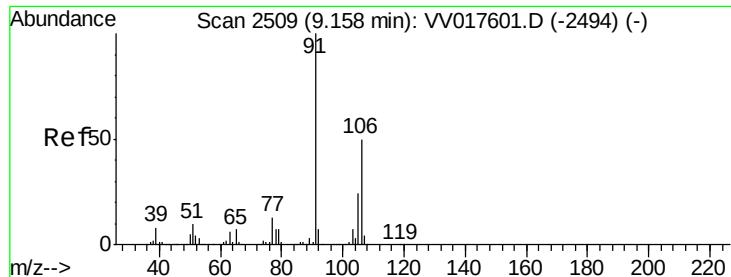
#54
Ethylbenzene
Concen: 0.224 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017612.D
Acq: 23 Jul 2020 18:38

Tgt Ion: 91 Resp: 13443
Ion Ratio Lower Upper
91 100
106 28.4 21.6 40.2



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





#55

m,p-xylene

Concen: 0.196 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

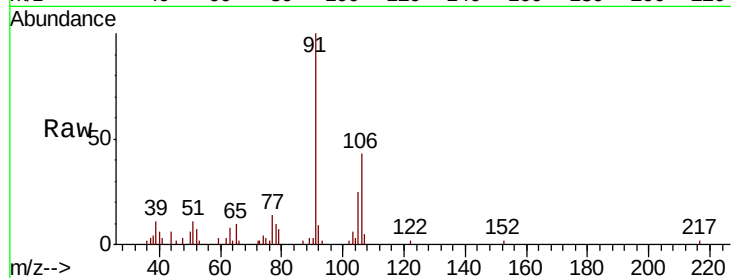
MDL07

Tot Ion:106 Resp: 4421

Ion Ratio Lower Upper

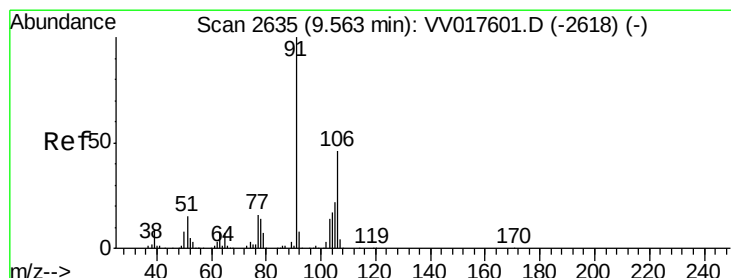
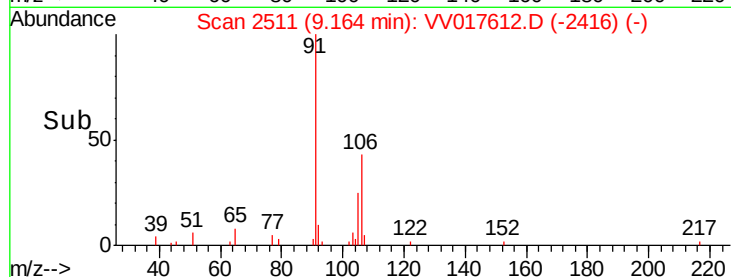
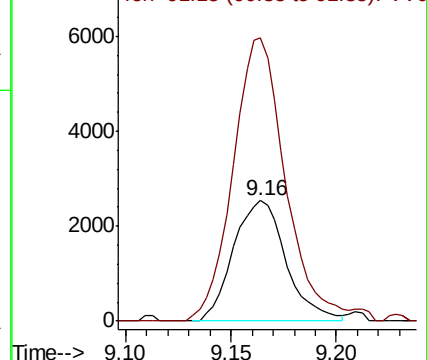
106 100

91 235.1 141.3 262.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.202 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV017612.D

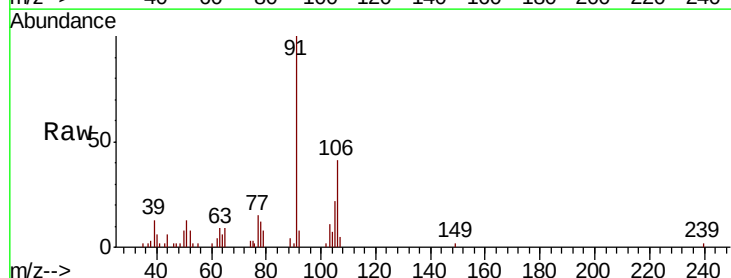
Acq: 23 Jul 2020 18:38

Tgt Ion:106 Resp: 4423

Ion Ratio Lower Upper

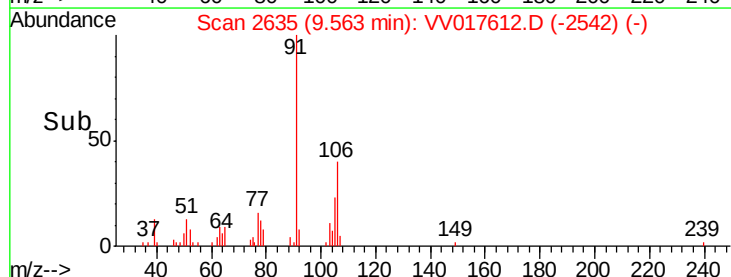
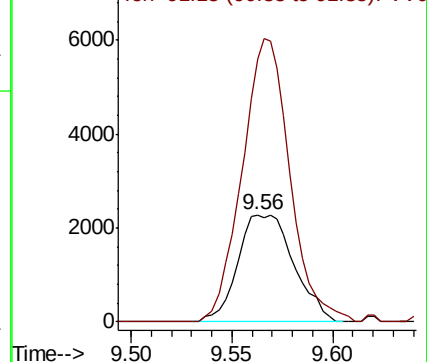
106 100

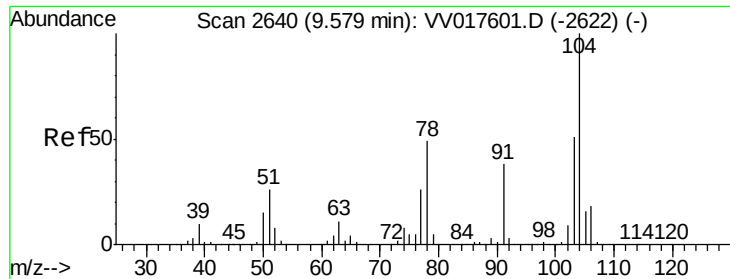
91 245.9 153.9 285.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#57

Stvrene

Concen: 0.185 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampled :

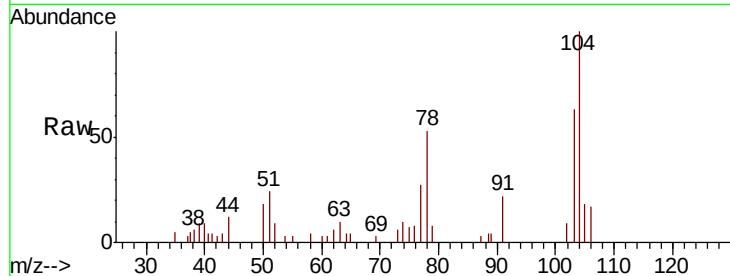
MDL07

Tot Ion:104 Resp: 6772

Ion Ratio Lower Upper

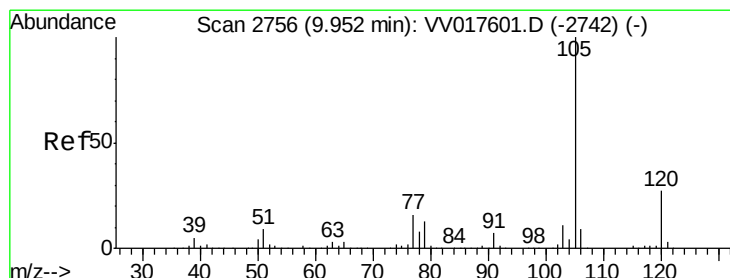
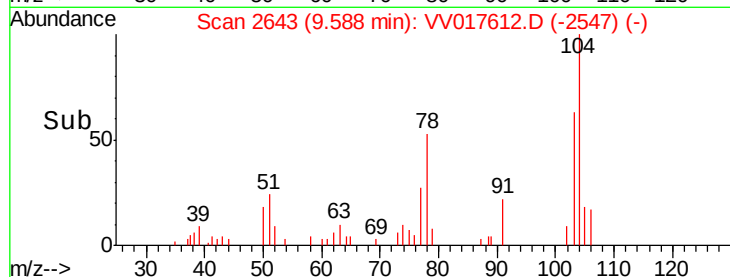
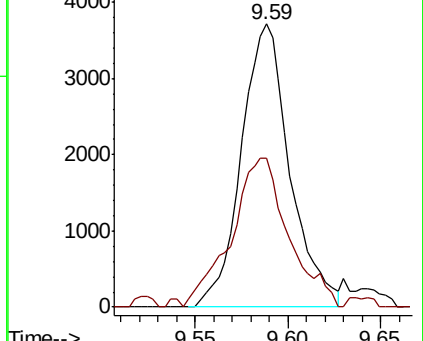
104 100

78 52.8 34.0 63.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#58

Isopropylbenzene

Concen: 0.206 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

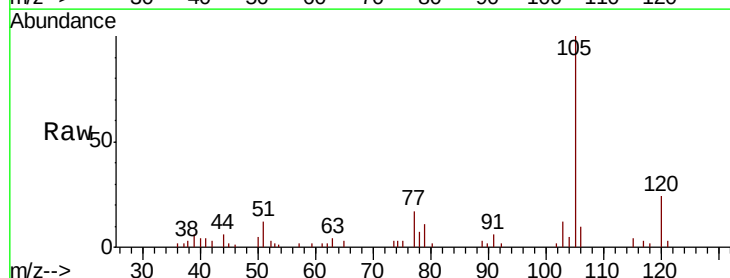
Tgt Ion:105 Resp: 12474

Ion Ratio Lower Upper

105 100

120 25.1 21.1 31.7

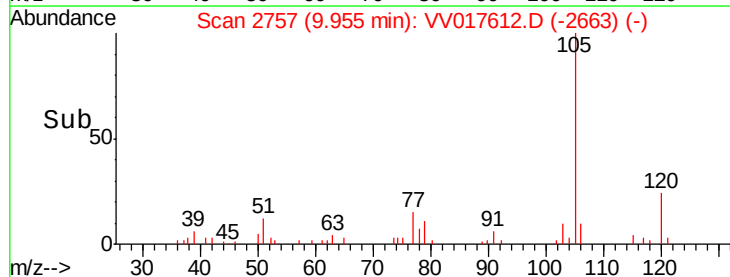
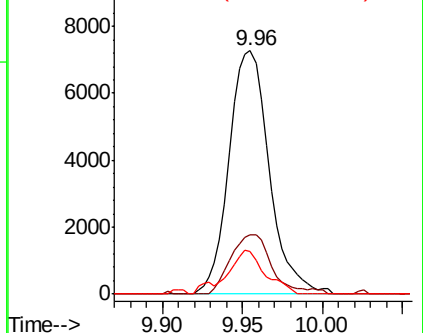
77 15.3 13.0 19.6

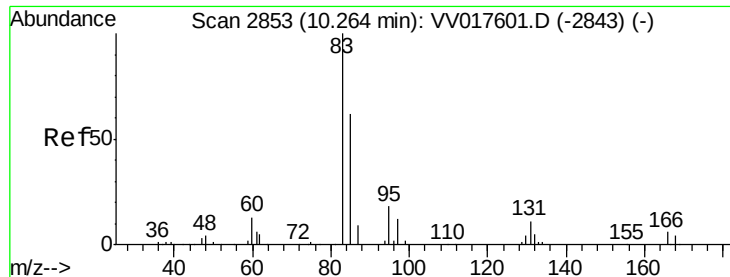


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.251 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

MDL07

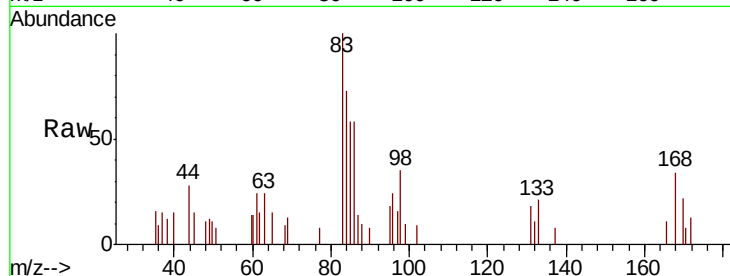
Tot Ion: 83 Resp: 2392

Ion Ratio Lower Upper

83 100

85 58.1 44.4 82.5

131 17.7 9.2 13.8#

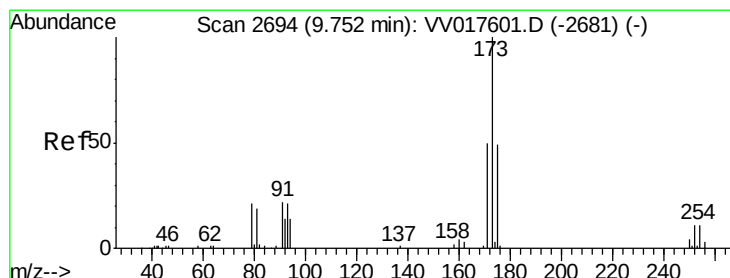
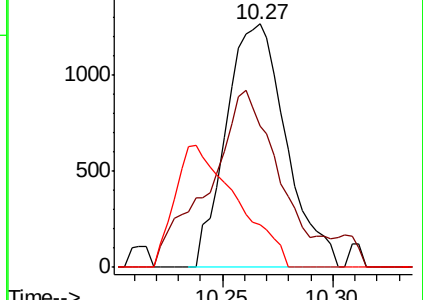
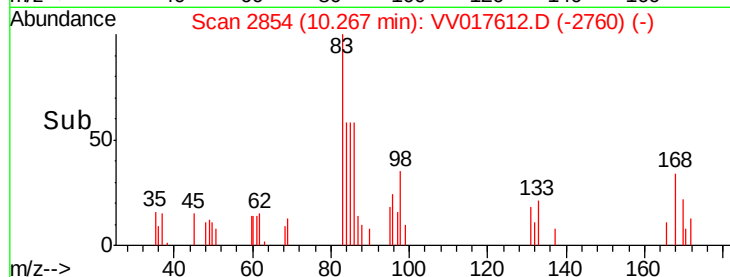


Abundance Ion 82.95 (82.65 to 83.65): VV017601.D (-2843) (-)

Ion 85.00 (84.70 to 85.70): VV017601.D (-2843) (-)

Ion 130.95 (130.65 to 131.65): VV017601.D (-2843) (-)

Time-->



#62

Bromoform

Concen: 0.221 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

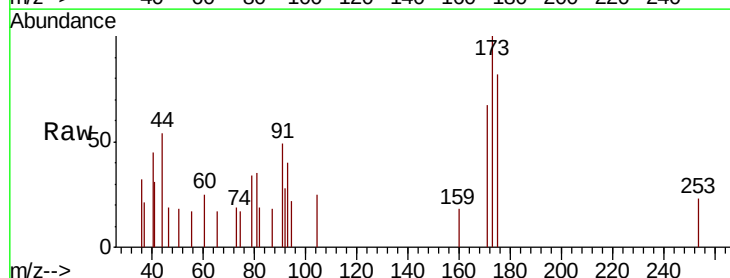
Tgt Ion: 173 Resp: 1200

Ion Ratio Lower Upper

173 100

175 67.8 39.6 59.4#

254 1.7 8.4 12.6#

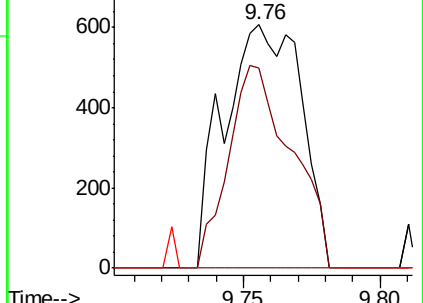
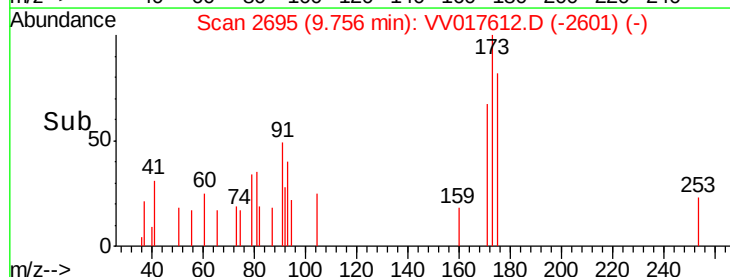


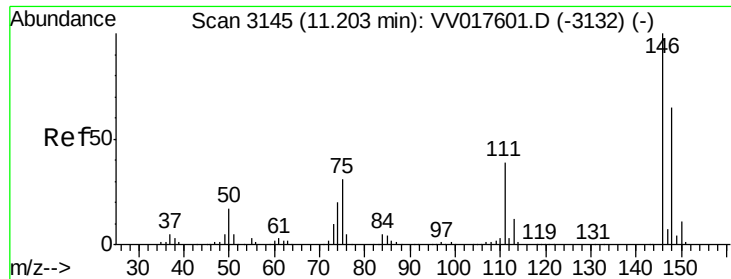
Abundance Ion 172.90 (172.60 to 173.60): VV017601.D (-2681) (-)

Ion 174.90 (174.60 to 175.60): VV017601.D (-2681) (-)

Ion 253.75 (253.45 to 254.45): VV017601.D (-2681) (-)

Time-->

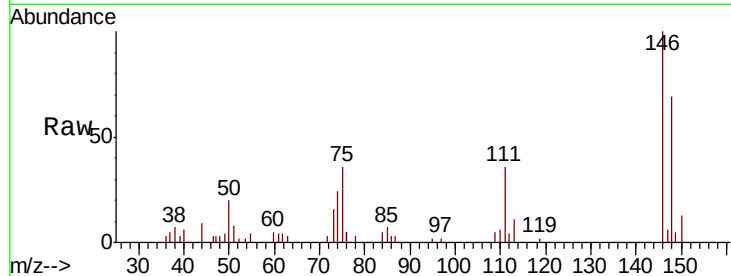




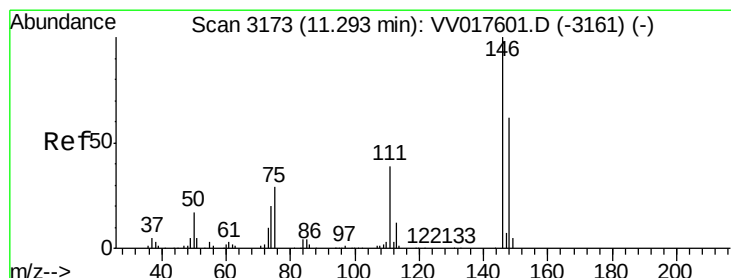
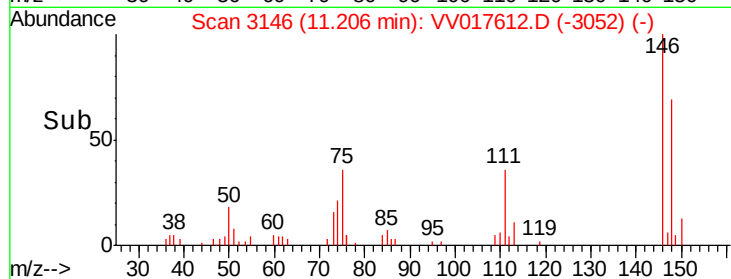
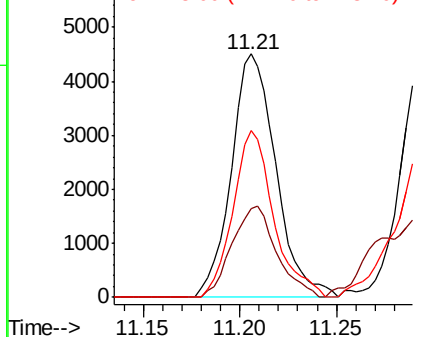
#63
 1,3-Dichlorobenzene
 Concen: 0.264 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tot Ion:146 Resp: 7193
 Ion Ratio Lower Upper
 146 100
 111 36.3 27.3 50.7
 148 68.7 45.6 84.6

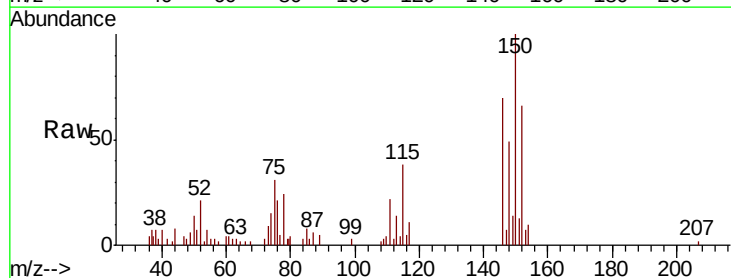


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

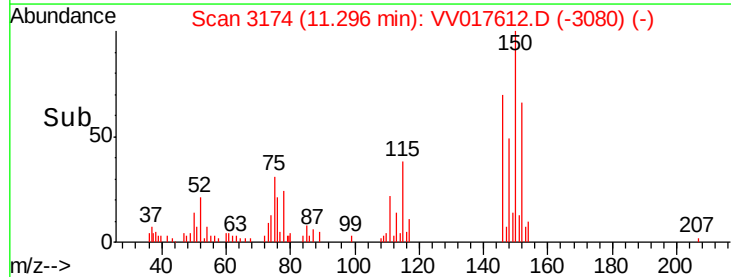
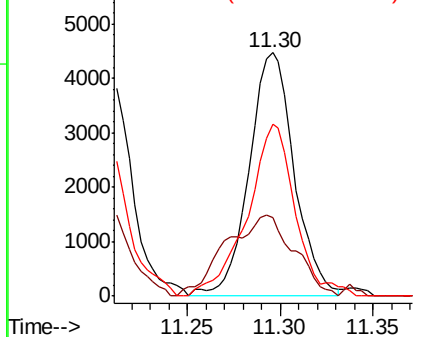


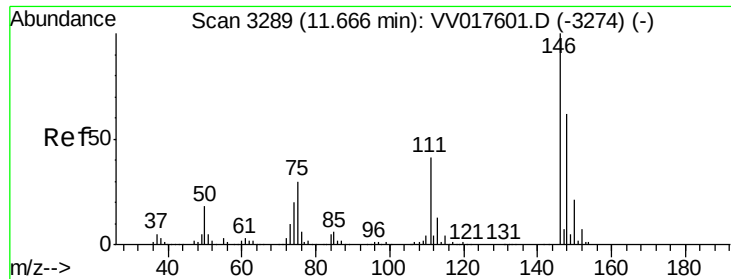
#64
 1,4-Dichlorobenzene
 Concen: 0.275 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Tgt Ion:146 Resp: 7534
 Ion Ratio Lower Upper
 146 100
 111 32.0 27.4 51.0
 148 70.4 43.8 81.4



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

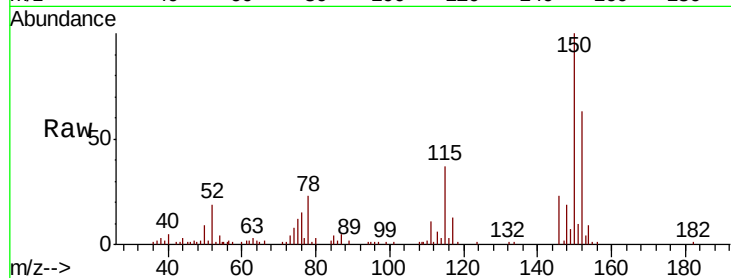




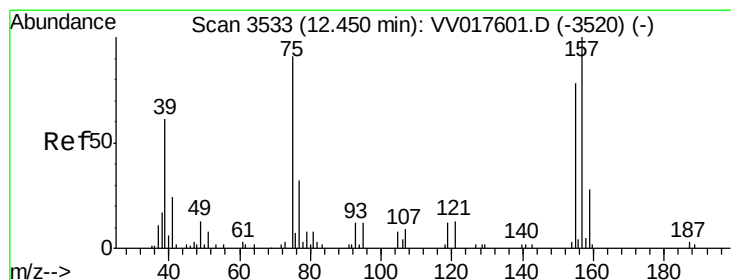
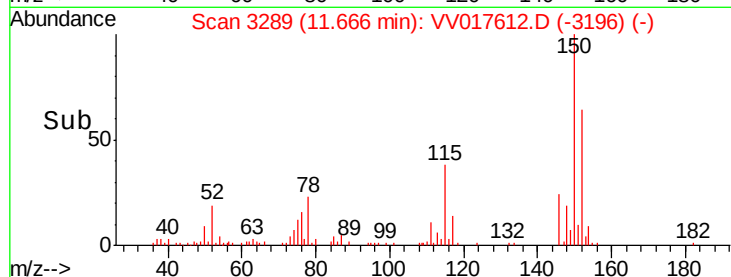
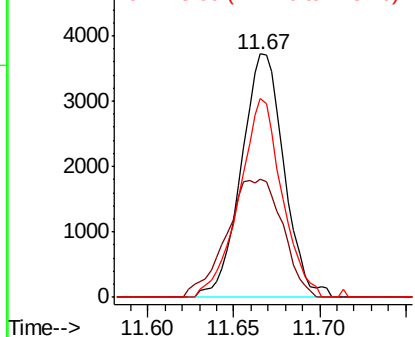
#66
 1,2-Dichlorobenzene
 Concen: 0.258 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tot Ion:146 Resp: 6402
 Ion Ratio Lower Upper
 146 100
 111 48.3 33.0 49.4
 148 81.4 49.9 74.9#

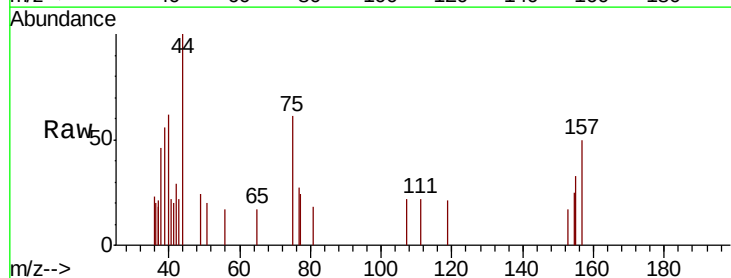


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

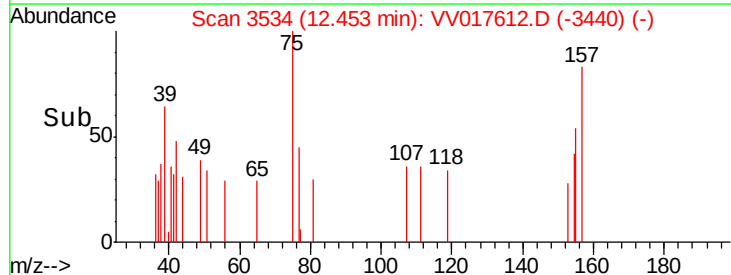
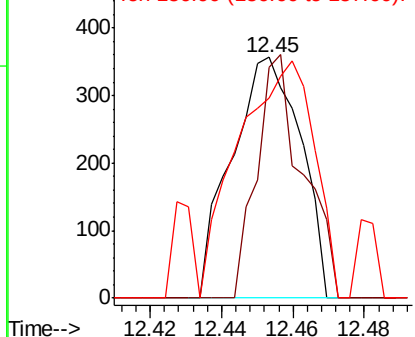


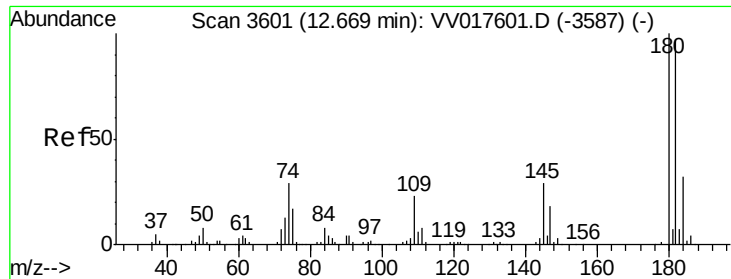
#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.307 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Tgt Ion: 75 Resp: 477
 Ion Ratio Lower Upper
 75 100
 155 95.5 68.7 103.1
 157 82.9 87.8 131.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

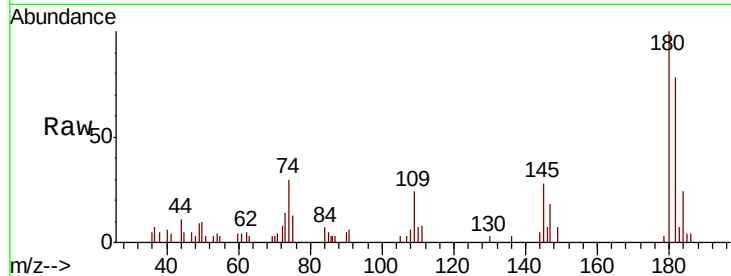




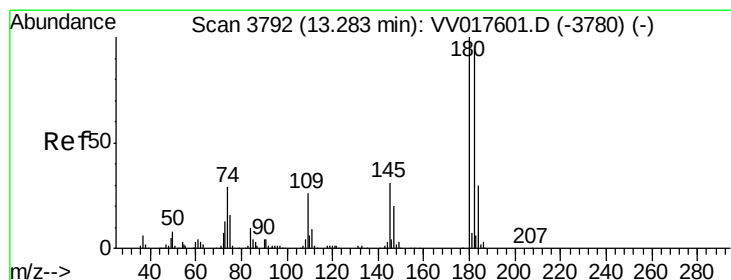
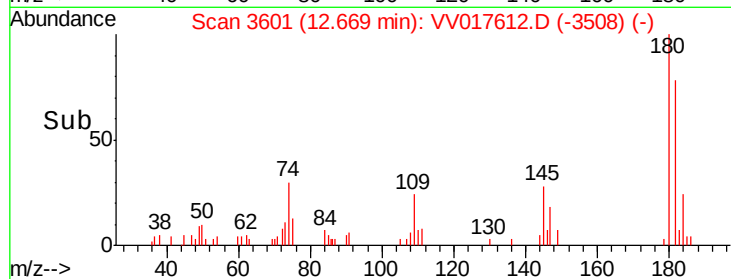
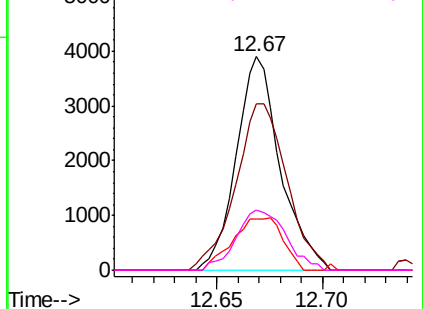
#68
 1,3,5-Trichlorobenzene
 Concen: 0.255 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tot Ion:180 Resp: 5646
 Ion Ratio Lower Upper
 180 100
 182 90.6 77.1 115.7
 184 27.8 25.2 37.8
 145 31.8 24.1 36.1

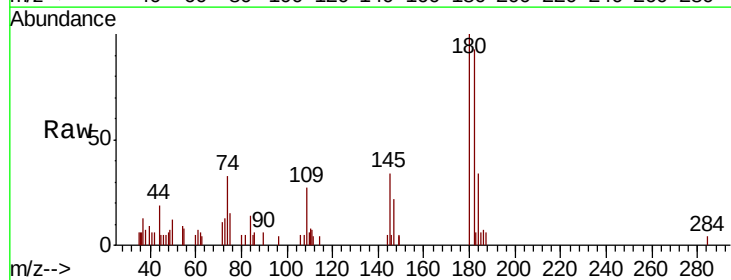


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

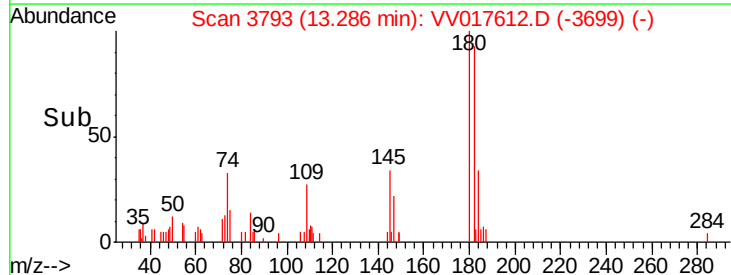
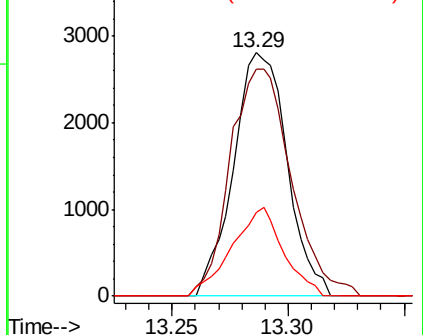


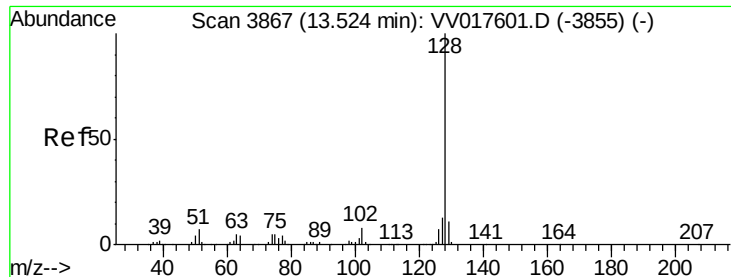
#69
 1,2,4-trichlorobenzene
 Concen: 0.243 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017612.D
 Acq: 23 Jul 2020 18:38

Tgt Ion:180 Resp: 4509
 Ion Ratio Lower Upper
 180 100
 182 106.0 75.4 113.2
 145 35.1 24.2 36.2



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#70

Naphthalene

Concen: 0.198 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

MDL07

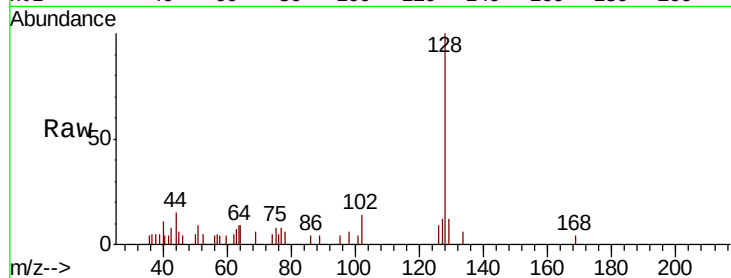
Tot Ion:128 Resp: 5125

Ion Ratio Lower Upper

128 100

129 0.0 9.1 13.7#

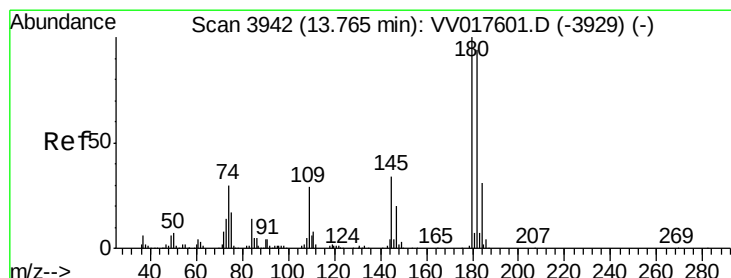
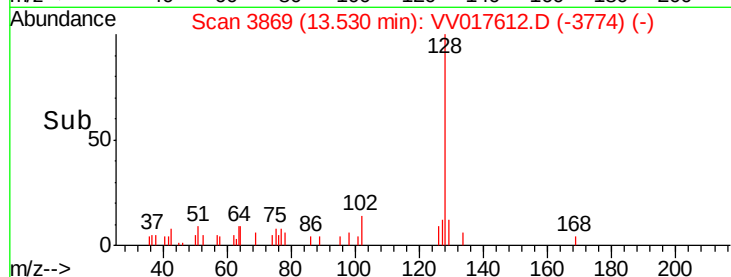
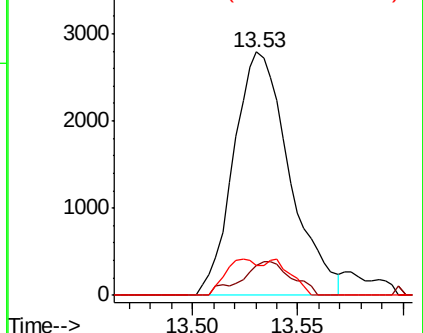
127 9.6 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#71

1,2,3-Trichlorobenzene

Concen: 0.195 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VV017612.D

Acq: 23 Jul 2020 18:38

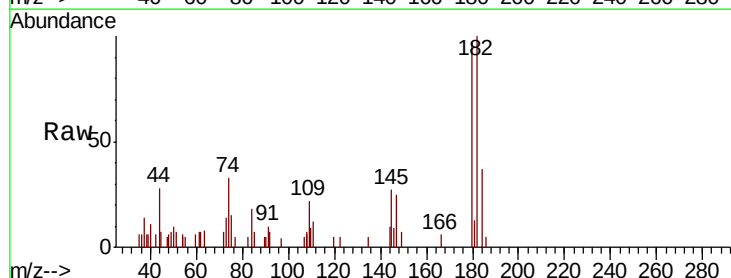
Tgt Ion:180 Resp: 3199

Ion Ratio Lower Upper

180 100

182 110.3 74.2 111.4

145 37.9 26.0 39.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

