

Data File : VV015945.D
Acq On : 07 May 2020 16:43
Operator : SY/MD
Sample : MDL07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Quant Time: May 08 05:16:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154446	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149815	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39237	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.58	69	37570	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	64756	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.97	46	118896	49.75	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.50%
24) Chloroform-d	4.38	84	85357	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	52072	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.07	84	174761	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	56913	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.34	98	160059	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
45) trans-1,3-Dichloropropene-	7.65	79	19937	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
48) 2-Hexanone-d5	8.12	63	89915	47.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38951	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	57466	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	2771	0.234 ug/L	94
3) Chloromethane	1.24	50	3022	0.252 ug/L	94
5) Vinyl chloride	1.32	62	2742	0.239 ug/L #	67
6) Bromomethane	1.53	94	1663	0.256 ug/L	98
8) Chloroethane	1.59	64	1880	0.230 ug/L	86
9) Trichlorofluoromethane	1.76	101	3519	0.224 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2468	0.278 ug/L	93
12) 1,1-Dichloroethene	2.13	96	2551	0.300 ug/L #	1
14) Carbon disulfide	2.31	76	6193	0.221 ug/L #	95
16) Methylene chloride	2.52	84	3076	0.302 ug/L	90
17) Methyl tert-butyl Ether	2.79	73	5092	0.231 ug/L #	84
18) trans-1,2-Dichloroethene	2.78	96	2199	0.234 ug/L	97
19) 1,1-Dichloroethane	3.21	63	3735	0.206 ug/L #	85
22) cis-1,2-Dichloroethene	3.94	96	2326	0.237 ug/L	90
23) Bromochloromethane	4.28	128	833	0.198 ug/L	92
25) Chloroform	4.41	83	12716	0.638 ug/L	97
27) 1,2-Dichloroethane	5.17	62	3444	0.281 ug/L #	76

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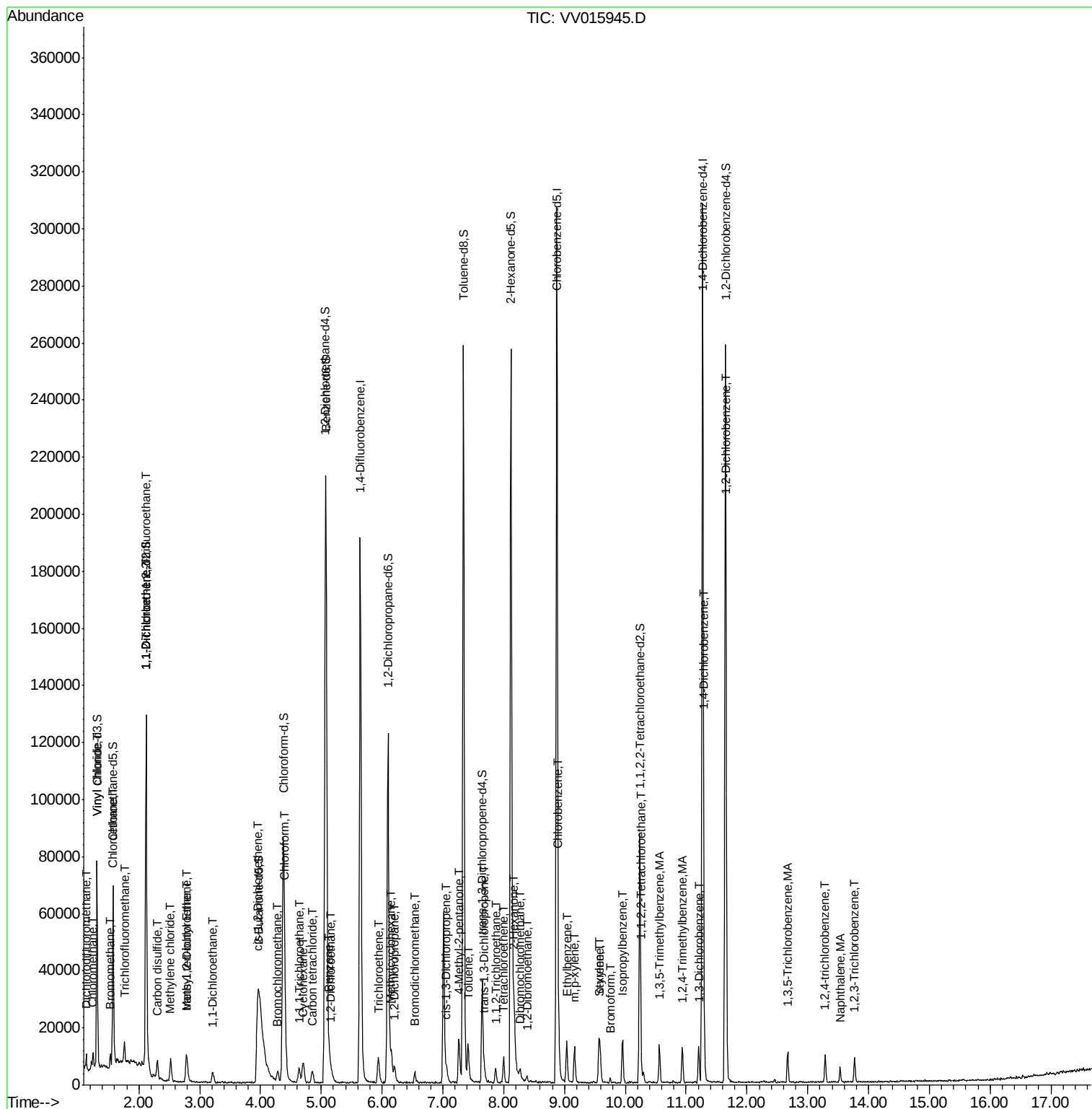
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.64	97	3976	0.241	ug/L	93
30) Cyclohexane	4.70	56	3797	0.229	ug/L #	91
31) Carbon tetrachloride	4.86	117	3105	0.218	ug/L	97
33) Benzene	5.13	78	10147	0.269	ug/L	100
34) Trichloroethene	5.95	95	2427	0.226	ug/L	97
35) Methylcyclohexane	6.15	83	3244	0.199	ug/L #	85
37) 1,2-Dichloropropane	6.20	63	2392	0.250	ug/L #	92
38) Bromodichloromethane	6.53	83	2753	0.226	ug/L #	94
39) cis-1,3-Dichloropropene	7.06	75	2785	0.206	ug/L	94
40) 4-Methyl-2-pentanone	7.26	43	12138	2.034	ug/L #	90
42) Toluene	7.41	91	9425	0.236	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	7113	0.194	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	6373	0.174	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	2473	0.216	ug/L	94
47) 1,1,2-Trichloroethane	7.87	97	1543	0.241	ug/L	93
49) Tetrachloroethene	8.00	164	1970	0.262	ug/L	91
50) 2-Hexanone	8.17	43	14525	3.441	ug/L	95
51) Dibromochloromethane	8.27	129	1617	0.225	ug/L	94
52) 1,2-Dibromoethane	8.38	107	1428	0.241	ug/L #	89
53) Chlorobenzene	8.90	112	5938	0.231	ug/L	97
54) Ethylbenzene	9.04	91	9808	0.216	ug/L	97
55) m,p-xylene	9.16	106	3661	0.218	ug/L	86
56) o-xylene	9.57	106	3478	0.216	ug/L	95
57) Styrene	9.59	104	4982	0.185	ug/L	99
58) Isopropylbenzene	9.95	105	8889	0.201	ug/L	95
60) 1,1,2,2-Tetrachloroethane	10.26	83	1892	0.277	ug/L #	92
62) Bromoform	9.76	173	602	0.182	ug/L #	87
63) 1,3-Dichlorobenzene	11.21	146	4402	0.227	ug/L	95
64) 1,4-Dichlorobenzene	11.30	146	4927	0.253	ug/L	90
66) 1,2-Dichlorobenzene	11.67	146	4262	0.243	ug/L	89
68) 1,3,5-Trichlorobenzene	12.67	180	3193	0.225	ug/L	95
69) 1,2,4-trichlorobenzene	13.29	180	2784	0.229	ug/L	95
70) Naphthalene	13.53	128	3885	0.201	ug/L	96
71) 1,2,3-Trichlorobenzene	13.77	180	2313	0.215	ug/L	97

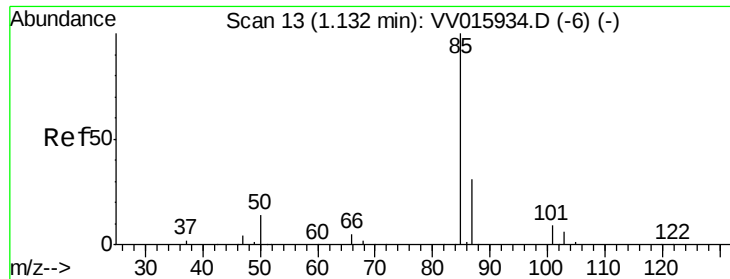
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.234 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

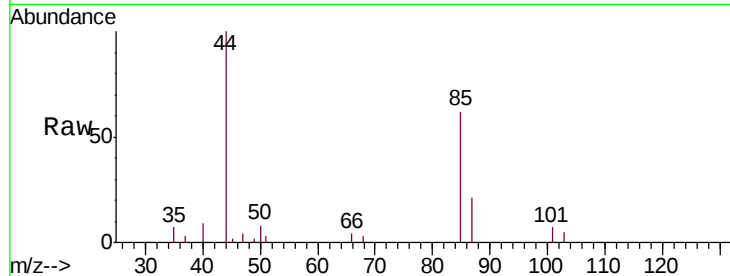
MDL07

Tgt Ion: 85 Resp: 2771

Ion Ratio Lower Upper

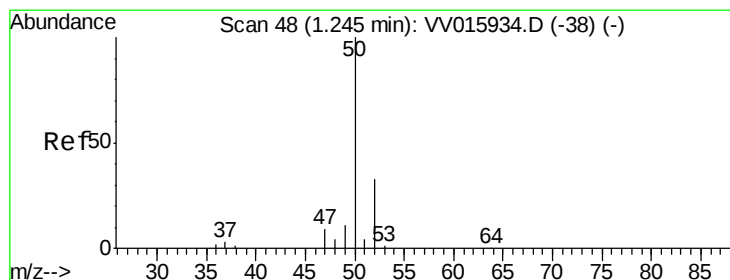
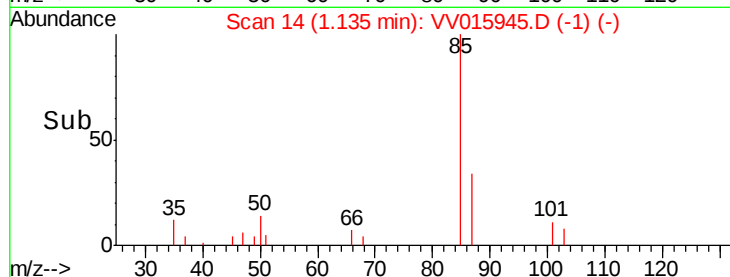
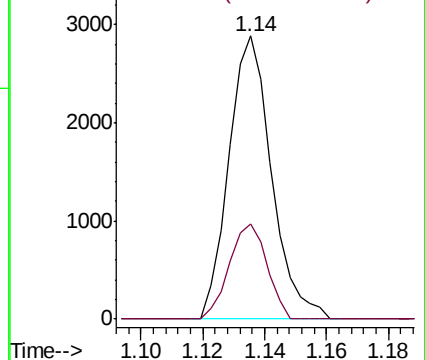
85 100

87 29.7 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.252 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015945.D

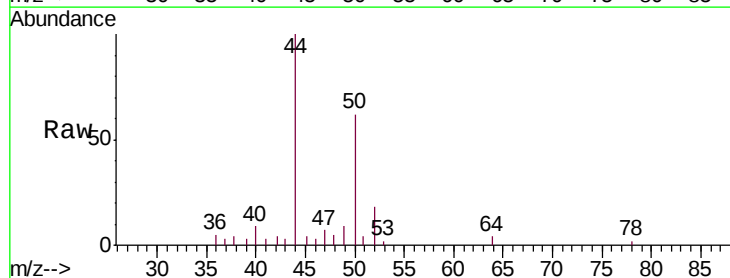
Acq: 07 May 2020 16:43

Tgt Ion: 50 Resp: 3022

Ion Ratio Lower Upper

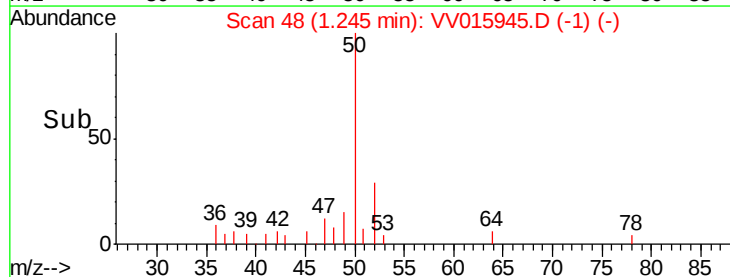
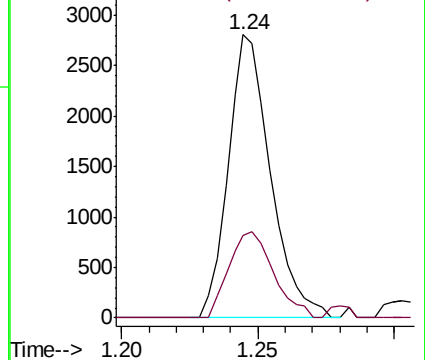
50 100

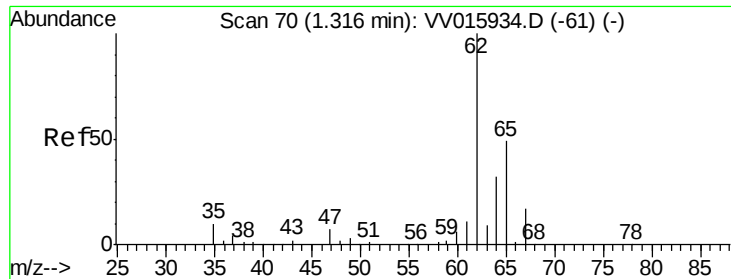
52 29.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 0.239 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

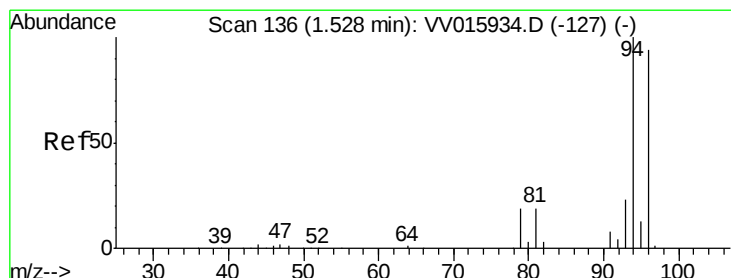
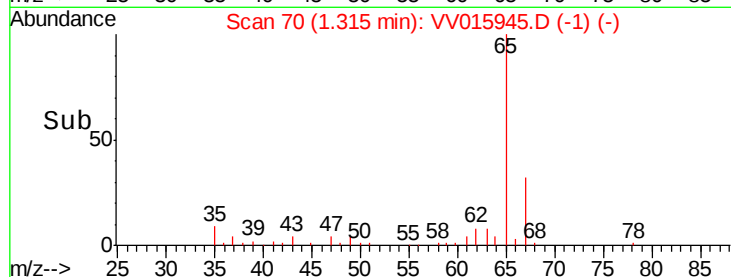
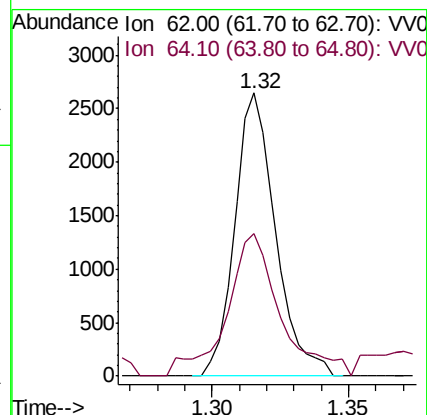
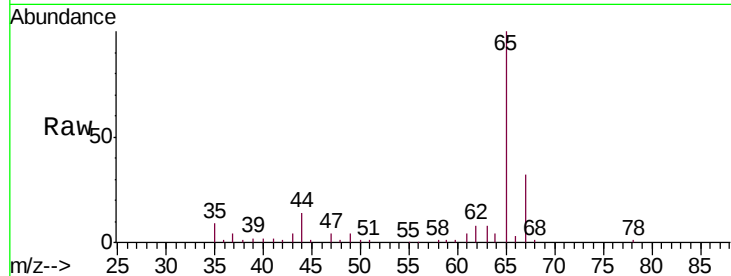
MDL07

Tgt Ion: 62 Resp: 2742

Ion Ratio Lower Upper

62 100

64 50.3 22.4 41.6#



#6

Bromomethane

Concen: 0.256 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV015945.D

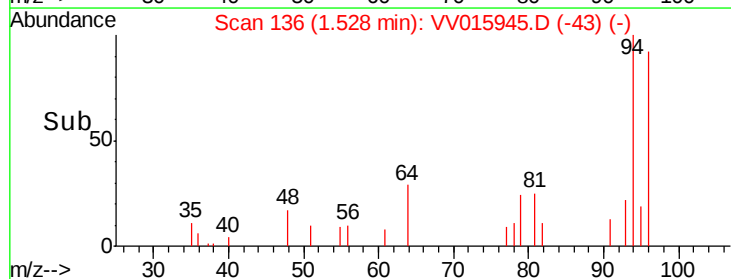
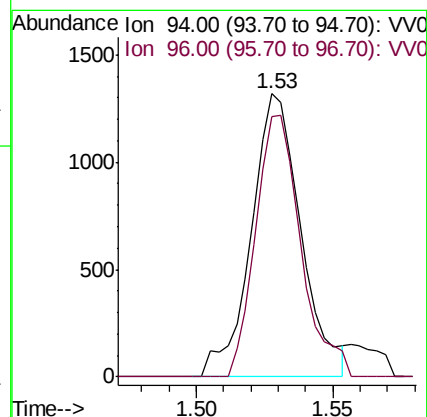
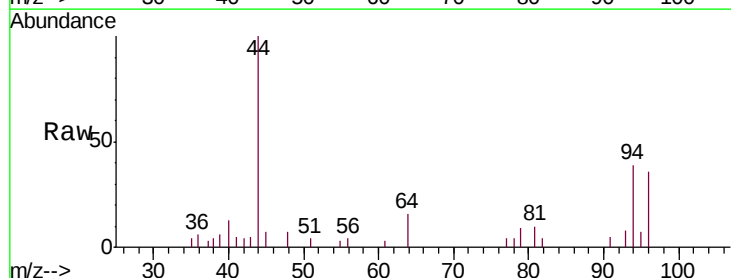
Acq: 07 May 2020 16:43

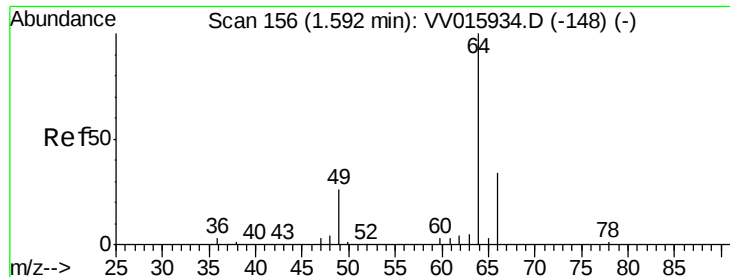
Tgt Ion: 94 Resp: 1663

Ion Ratio Lower Upper

94 100

96 91.9 65.4 121.4





#8

Chloroethane

Concen: 0.230 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

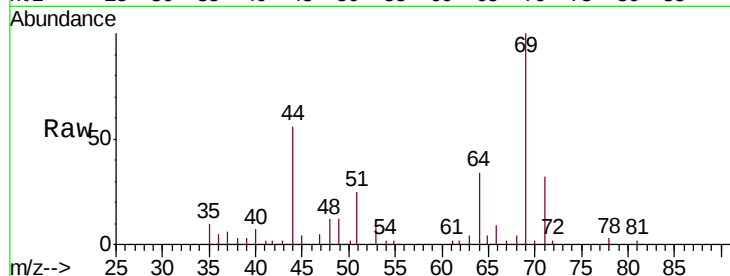
MDL07

Tgt Ion: 64 Resp: 1880

Ion Ratio Lower Upper

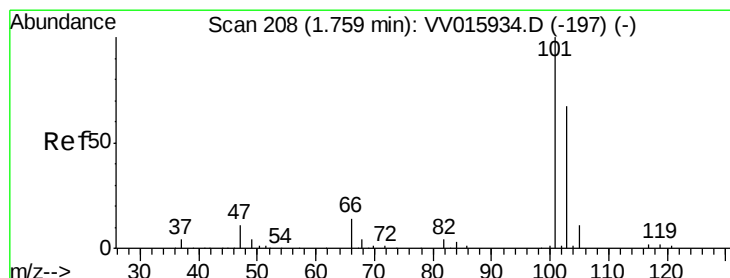
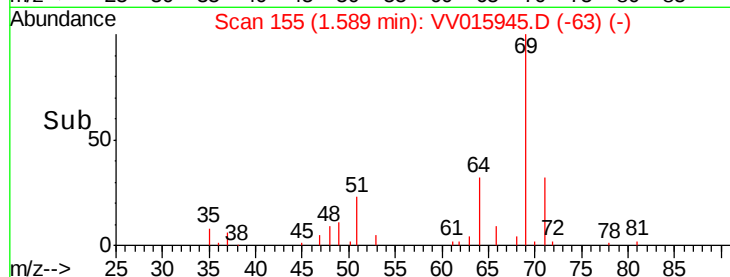
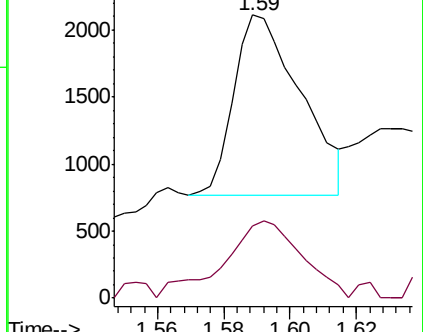
64 100

66 25.4 23.6 43.8



Abundance Ion 64.10 (63.80 to 64.80): VV015934.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV015934.D (-148) (-)



#9

Trichlorofluoromethane

Concen: 0.224 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.00 min

Lab File: VV015945.D

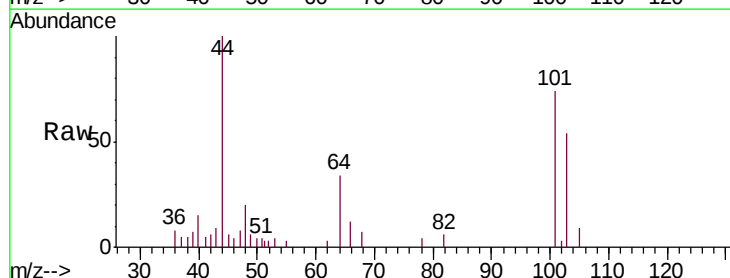
Acq: 07 May 2020 16:43

Tgt Ion: 101 Resp: 3519

Ion Ratio Lower Upper

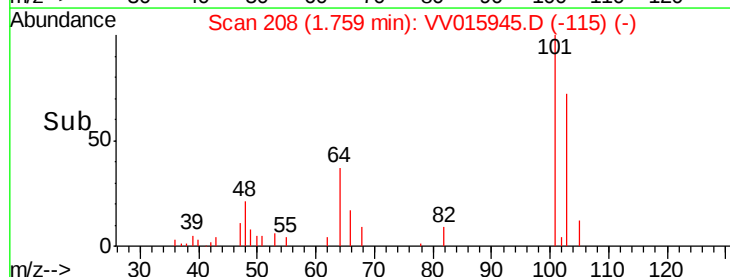
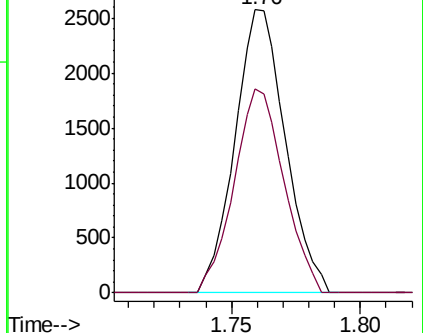
101 100

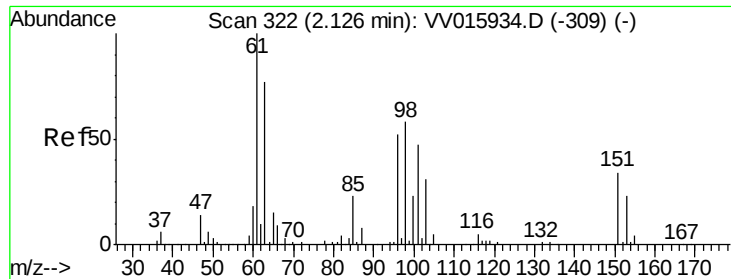
103 71.0 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV015934.D (-197) (-)

Ion 103.00 (102.70 to 103.70): VV015934.D (-197) (-)





#10

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

Concen: 0.278 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

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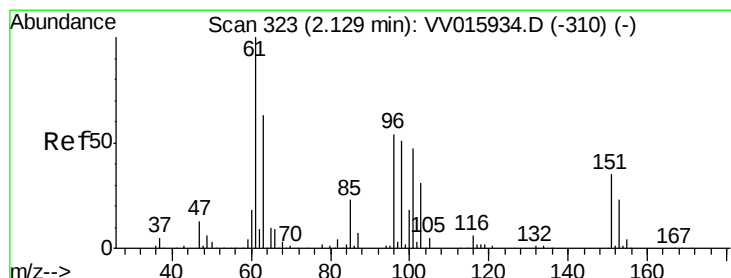
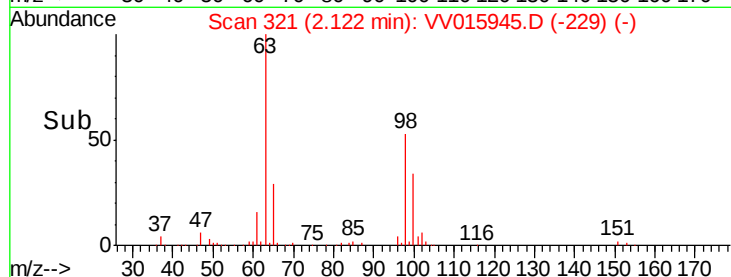
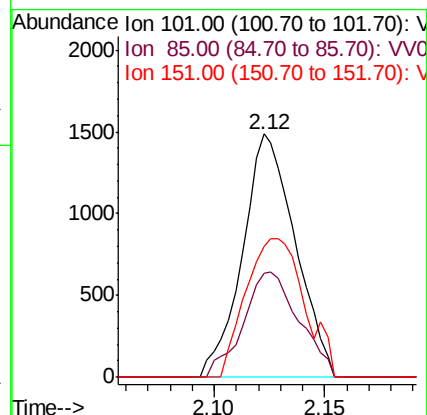
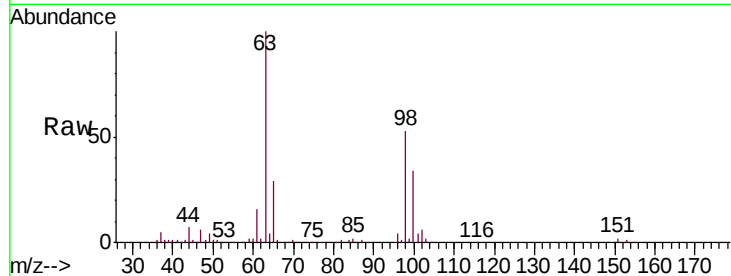
Tgt Ion:101 Resp: 2468

Ion Ratio Lower Upper

101 100

85 45.5 35.7 53.5

151 63.4 58.0 87.0



#12

1,1-Dichloroethene

Concen: 0.300 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

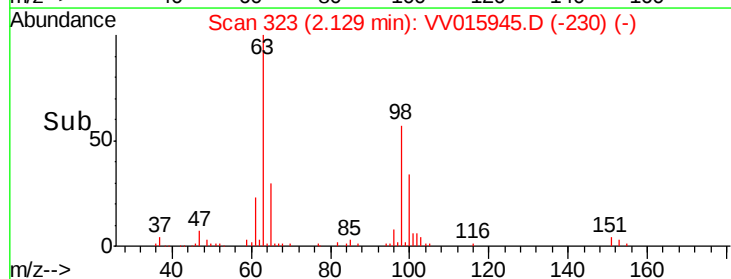
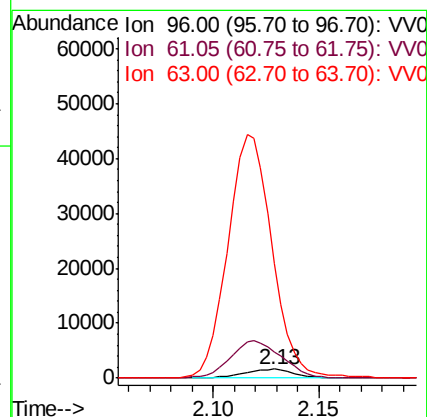
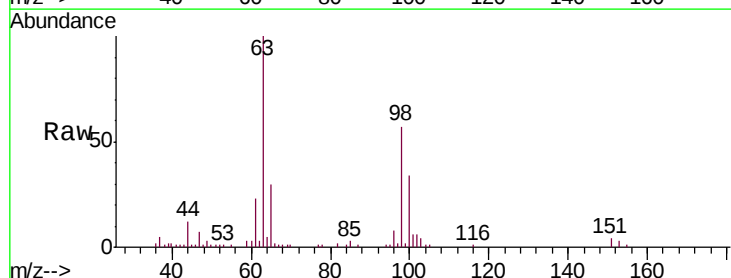
Tgt Ion: 96 Resp: 2551

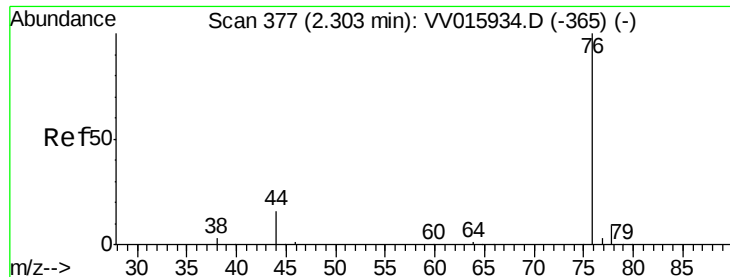
Ion Ratio Lower Upper

96 100

61 301.8 139.9 259.7#

63 1290.7 106.4 197.6#





#14

Carbon disulfide

Concen: 0.221 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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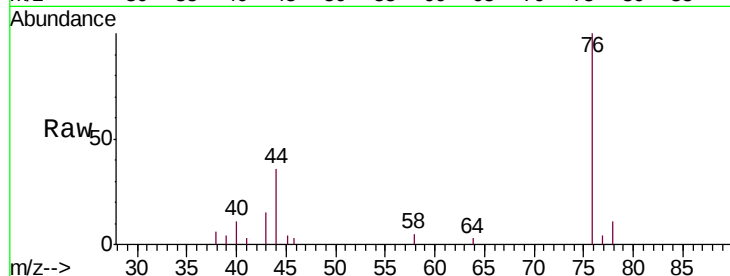
MDL07

Tgt Ion: 76 Resp: 6193

Ion Ratio Lower Upper

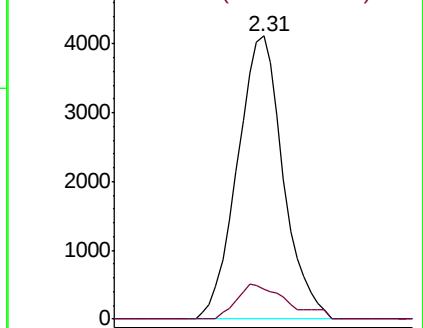
76 100

78 10.6 7.0 10.6#

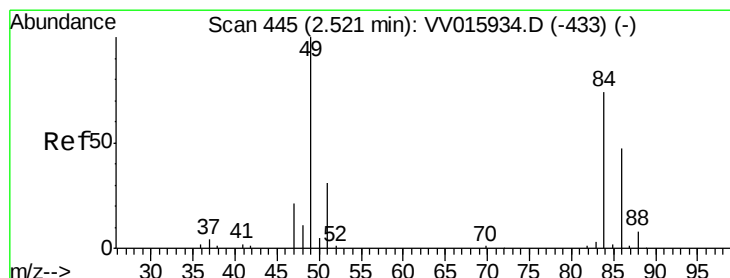
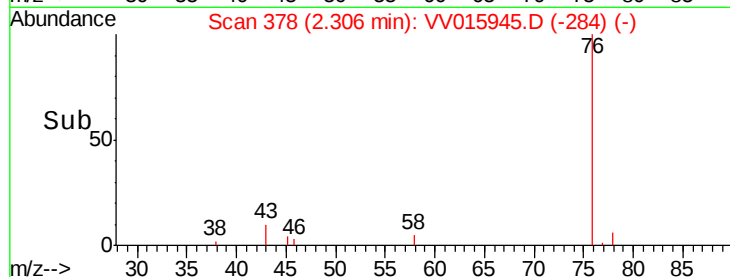


Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



Time-->



#16

Methylene chloride

Concen: 0.302 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

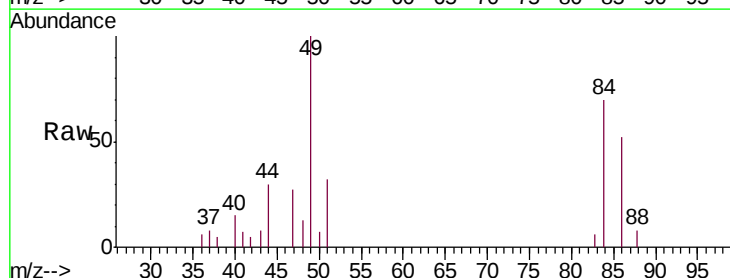
Tgt Ion: 84 Resp: 3076

Ion Ratio Lower Upper

84 100

86 74.8 45.6 84.8

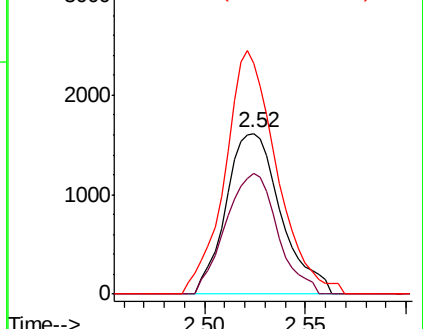
49 143.5 93.6 173.8



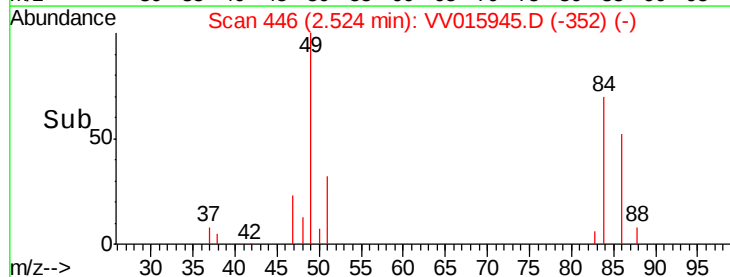
Abundance Ion 84.05 (83.75 to 84.75): VV0

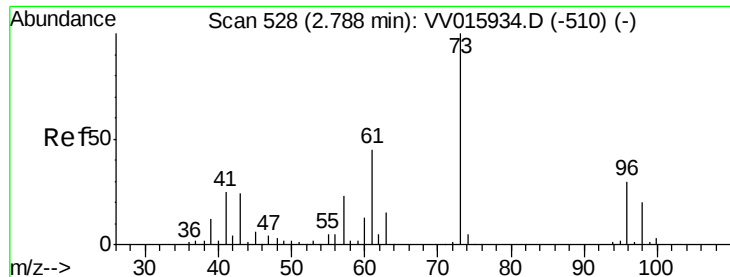
Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



Time-->



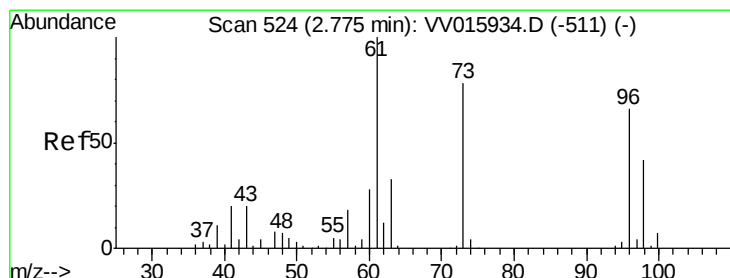
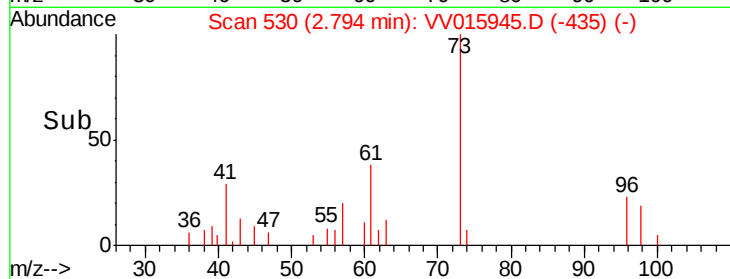
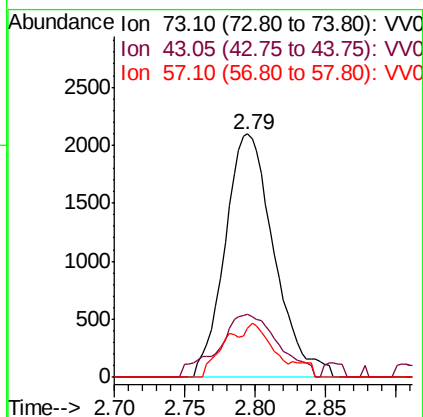
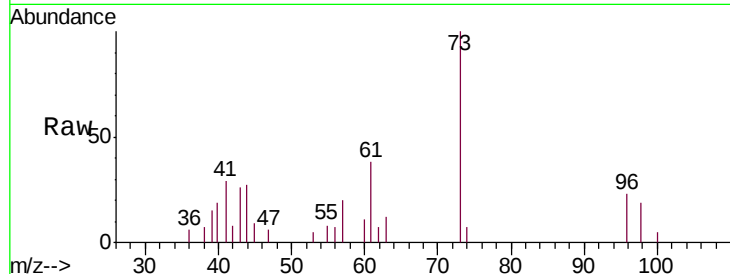


#17

Methyl tert-butyl Ether
 Concen: 0.231 ug/L
 RT: 2.79 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

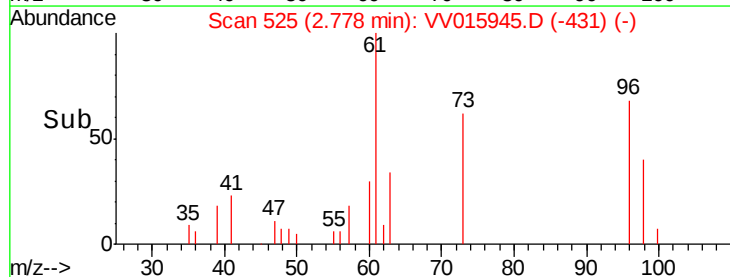
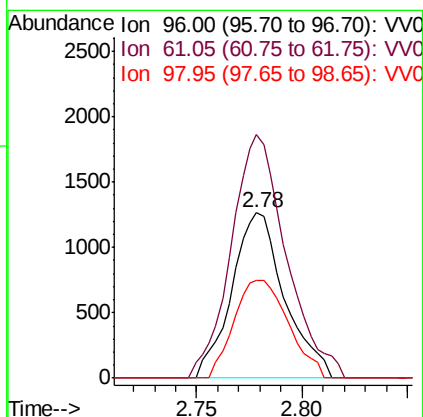
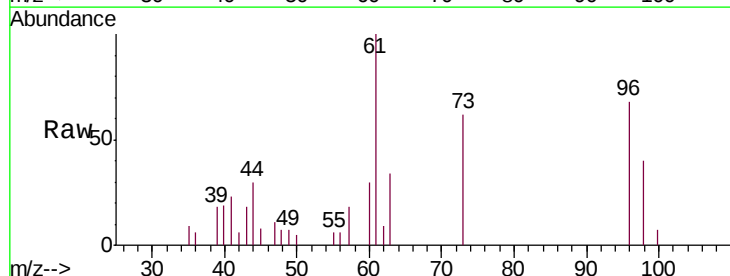
Tgt Ion: 73 Resp: 5092
 Ion Ratio Lower Upper
 73 100
 43 31.9 18.8 28.2#
 57 15.2 17.8 26.6#

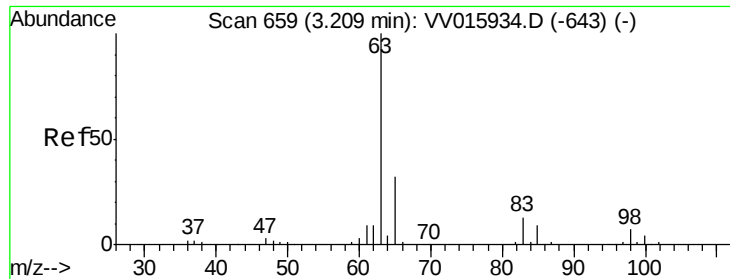


#18

trans-1,2-Dichloroethene
 Concen: 0.234 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion: 96 Resp: 2199
 Ion Ratio Lower Upper
 96 100
 61 147.5 105.3 195.5
 98 59.4 44.0 81.6

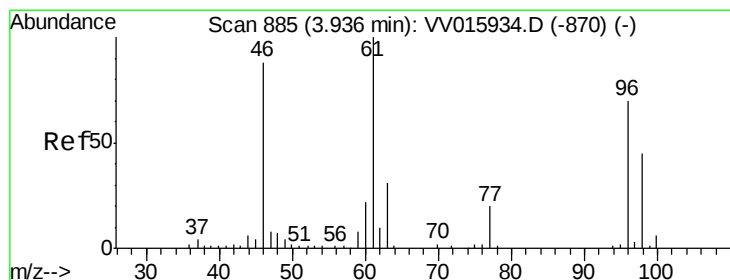
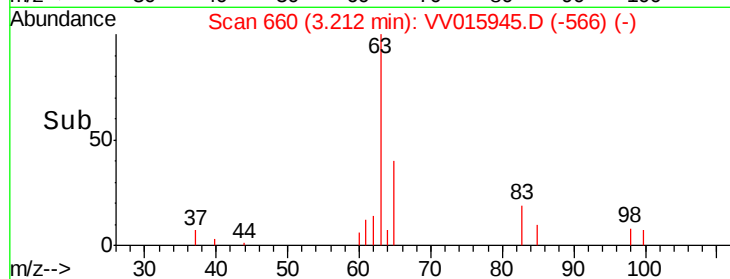
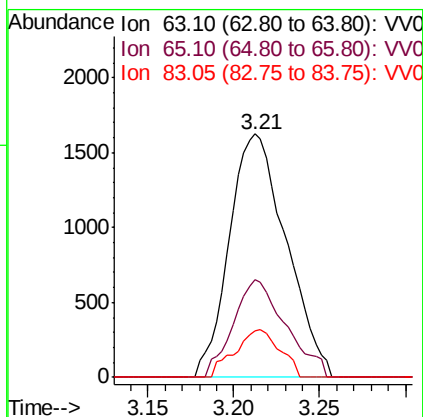
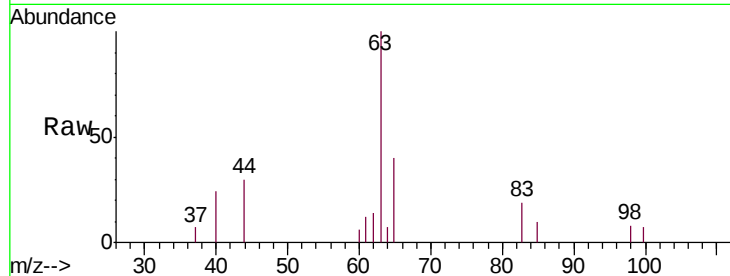




#19
 1,1-Dichloroethane
 Concen: 0.206 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

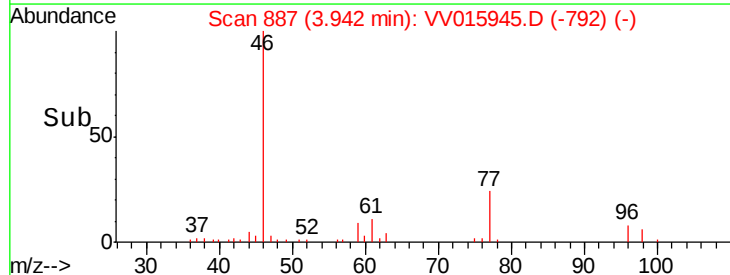
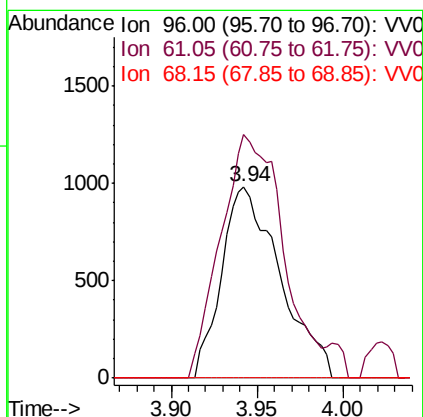
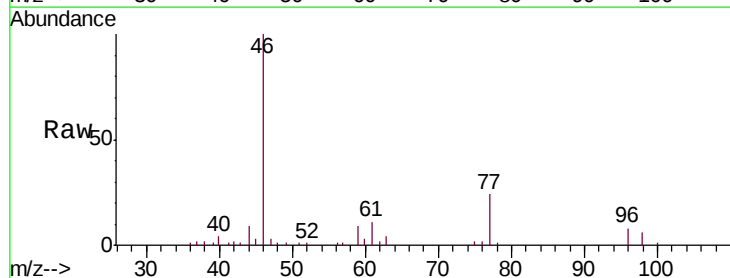
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

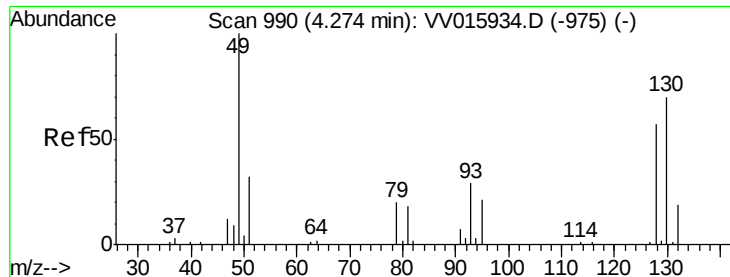
Tgt Ion: 63 Resp: 3735
 Ion Ratio Lower Upper
 63 100
 65 40.0 22.0 41.0
 83 19.1 9.8 18.2#



#22
 cis-1,2-Dichloroethene
 Concen: 0.237 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion: 96 Resp: 2326
 Ion Ratio Lower Upper
 96 100
 61 127.1 97.2 180.6
 68 0.0 0.0 0.0

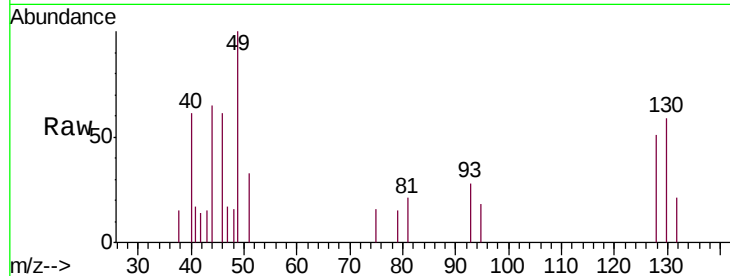




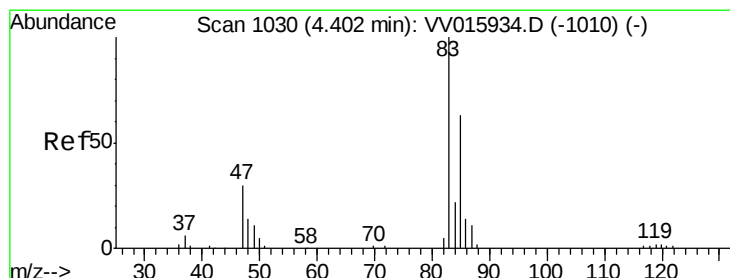
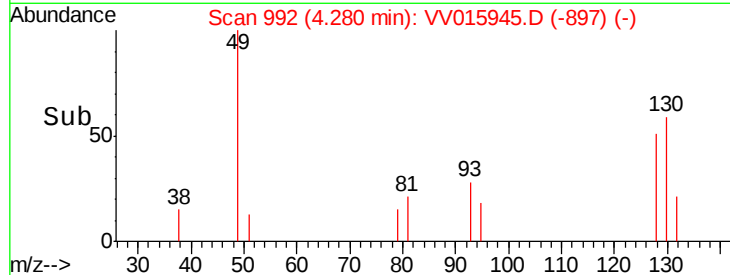
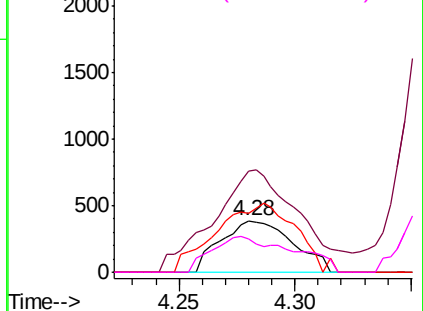
#23
Bromochloromethane
Concen: 0.198 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 16:43

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 128 Resp: 833
Ion Ratio Lower Upper
128 100
49 194.6 131.3 243.8
130 115.2 91.8 170.4
51 63.9 48.8 73.2

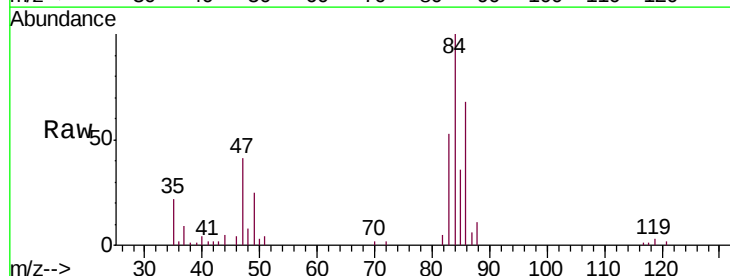


Abundance Ion 127.90 (127.60 to 128.60): VV015945.D (-975) (-)
Ion 49.10 (48.80 to 49.80): VV015945.D (-975) (-)
Ion 129.95 (129.65 to 130.65): VV015945.D (-975) (-)
Ion 51.05 (50.75 to 51.75): VV015945.D (-975) (-)

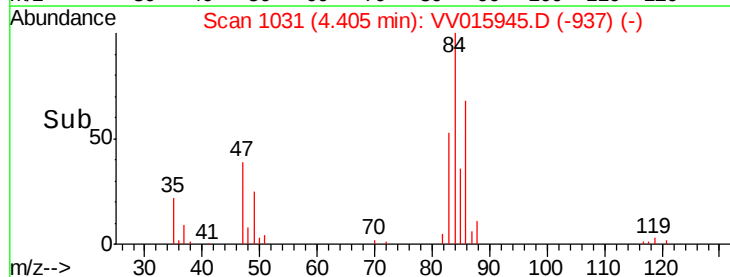
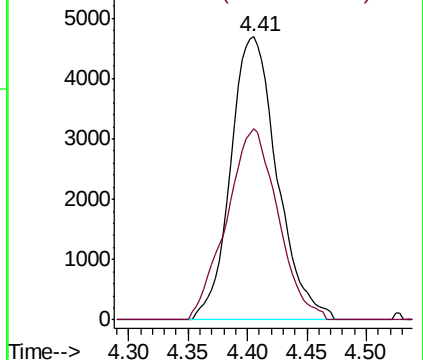


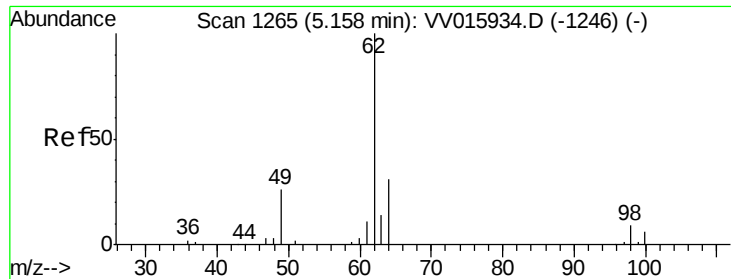
#25
Chloroform
Concen: 0.638 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 16:43

Tgt Ion: 83 Resp: 12716
Ion Ratio Lower Upper
83 100
85 67.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015945.D (-937) (-)
Ion 85.00 (84.70 to 85.70): VV015945.D (-937) (-)

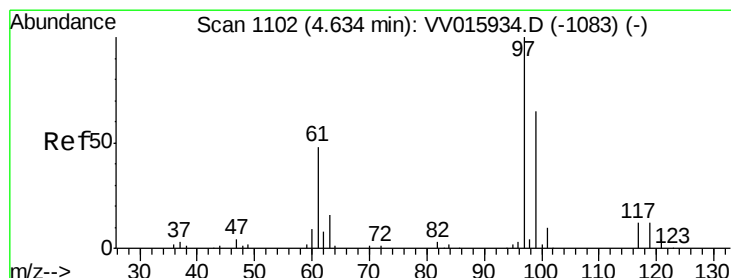
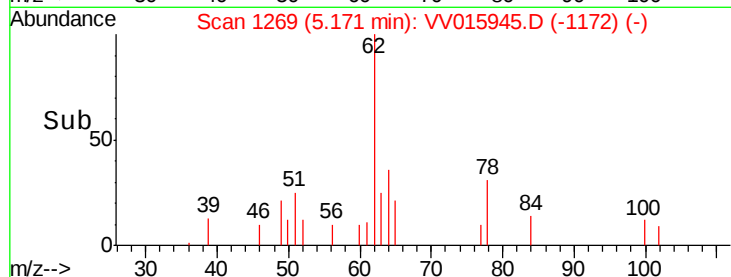
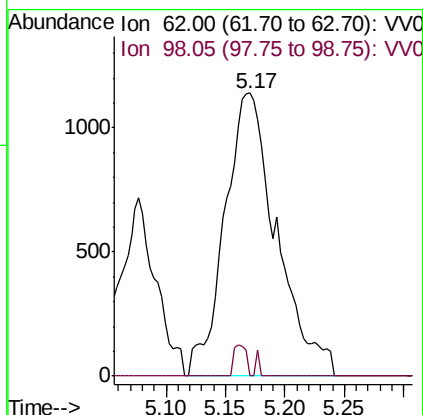
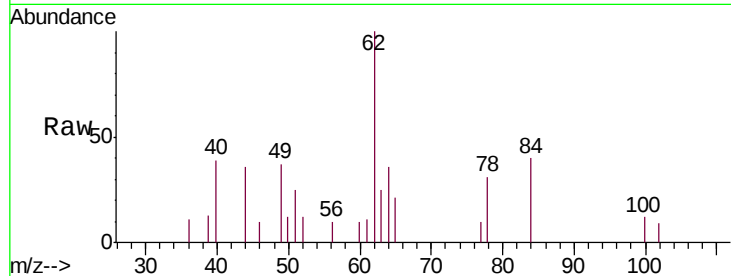




#27
 1,2-Dichloroethane
 Concen: 0.281 ug/L
 RT: 5.17 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

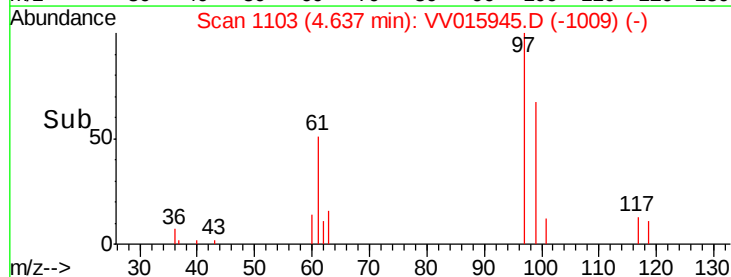
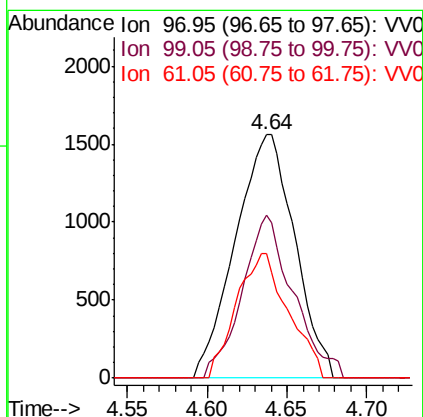
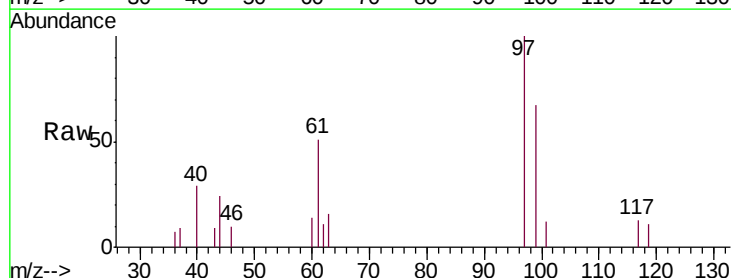
Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

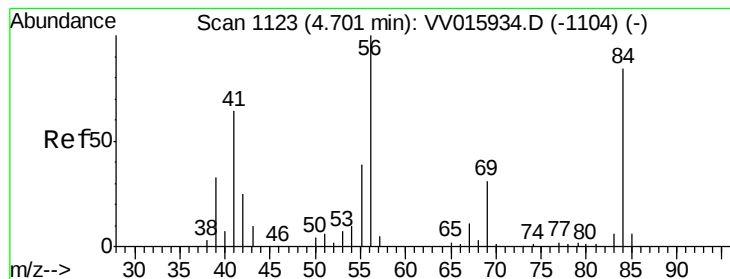
Tgt Ion: 62 Resp: 3444
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#29
 1,1,1-Trichloroethane
 Concen: 0.241 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion: 97 Resp: 3976
 Ion Ratio Lower Upper
 97 100
 99 57.5 50.7 76.1
 61 44.6 38.8 58.2





#30

Cyclohexane

Concen: 0.229 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampled :

MDL07

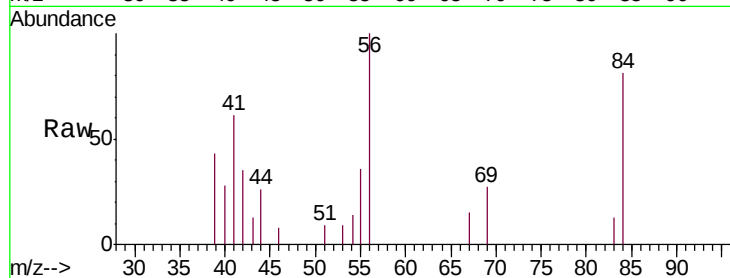
Tgt Ion: 56 Resp: 3797

Ion Ratio Lower Upper

56 100

69 14.7 24.2 36.2#

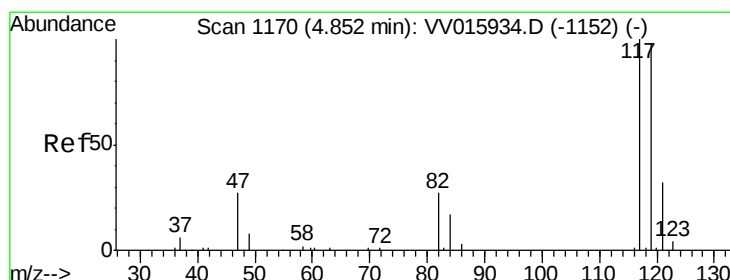
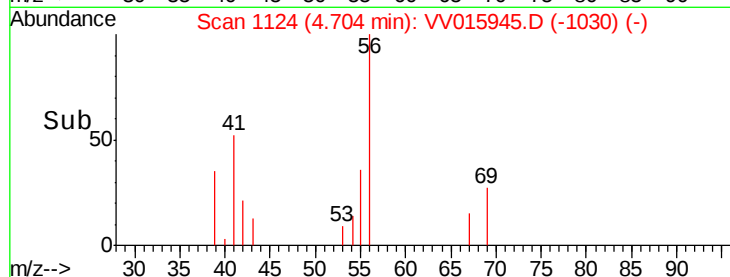
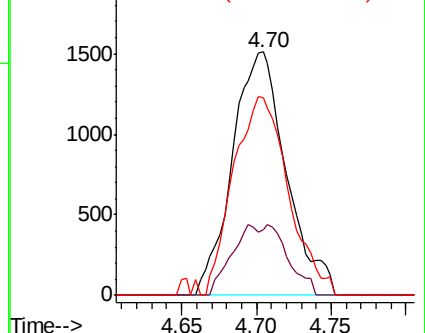
84 83.2 68.3 102.5



Abundance Ion 56.10 (55.80 to 56.80): VV015934.D (-1104) (-)

Ion 69.15 (68.85 to 69.85): VV015934.D (-1104) (-)

Ion 84.15 (83.85 to 84.85): VV015934.D (-1104) (-)



#31

Carbon tetrachloride

Concen: 0.218 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV015945.D

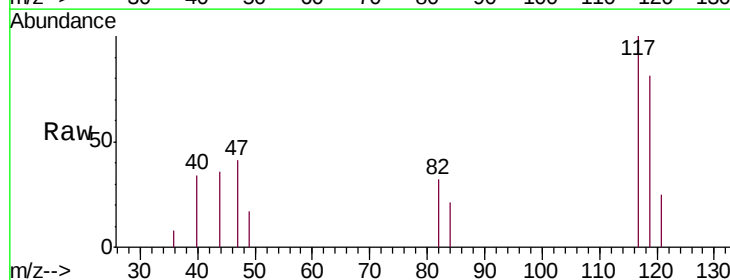
Acq: 07 May 2020 16:43

Tgt Ion: 117 Resp: 3105

Ion Ratio Lower Upper

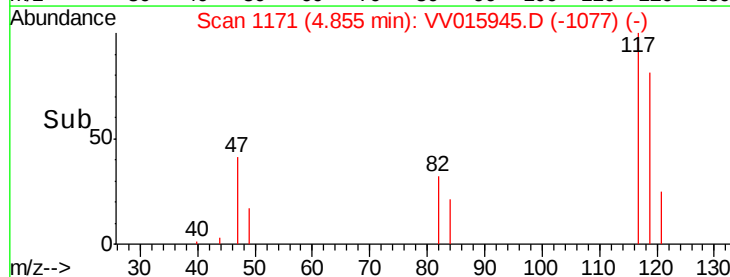
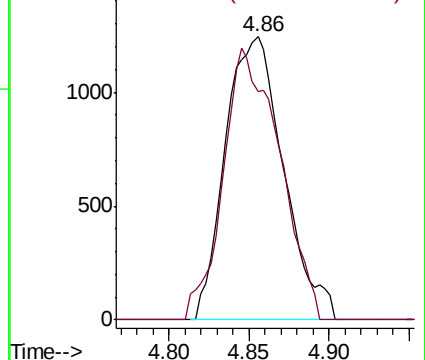
117 100

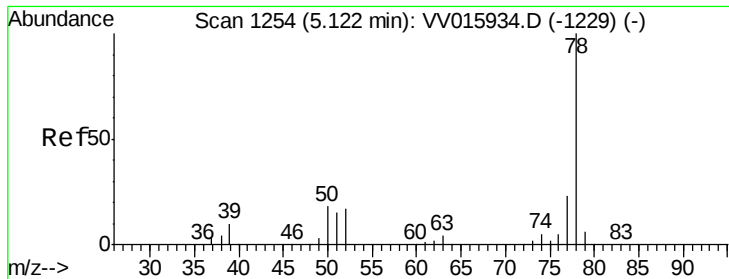
119 93.4 77.3 115.9



Abundance Ion 116.90 (116.60 to 117.60): VV015934.D (-1152) (-)

Ion 118.90 (118.60 to 119.60): VV015934.D (-1152) (-)





#33

Benzene

Concen: 0.269 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

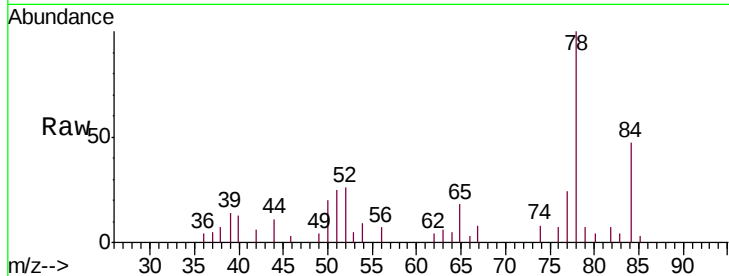
Instrument :

MSVOA_V

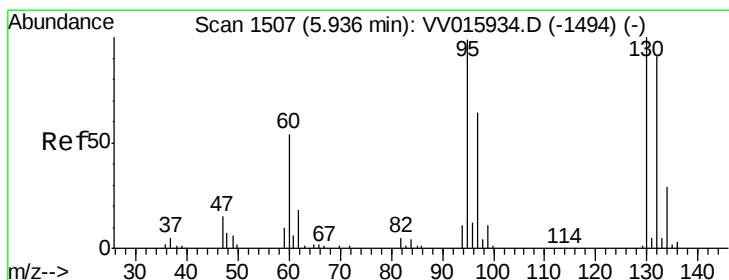
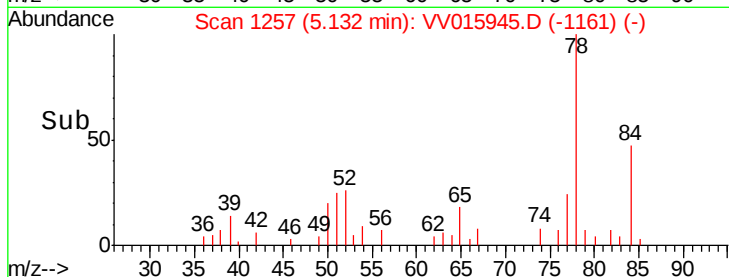
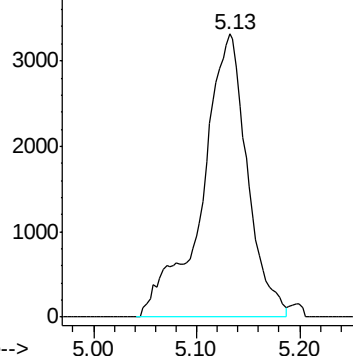
ClientSampleId :

MDL07

Tgt Ion: 78 Resp: 10147



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.226 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Tgt Ion: 95 Resp: 2427

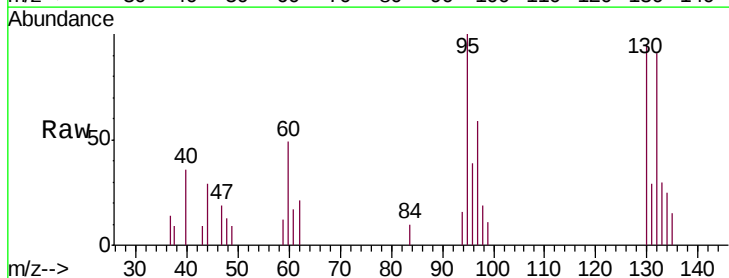
Ion	Ratio	Lower	Upper
95	100		
97	59.4	43.3	80.5
132	90.9	60.3	112.1
130	94.8	66.0	122.6

95 100

97 59.4 43.3 80.5

132 90.9 60.3 112.1

130 94.8 66.0 122.6

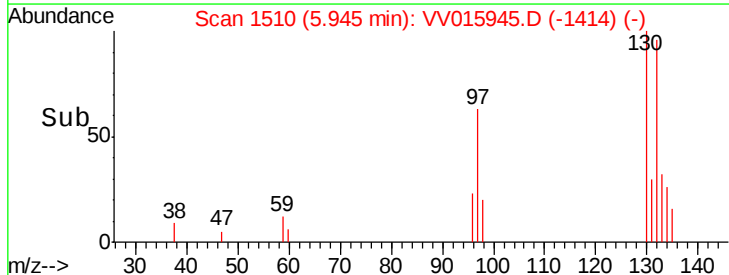
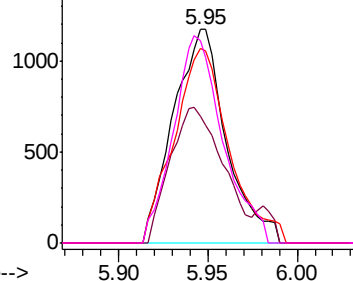


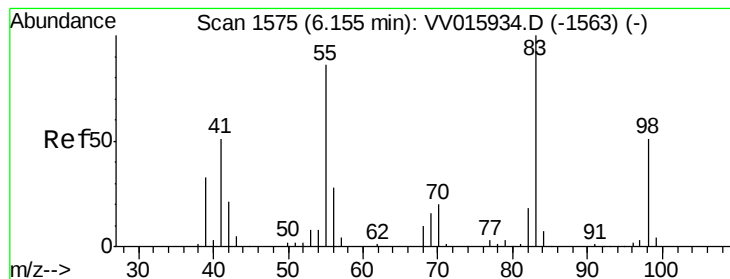
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.199 ug/L

RT: 6.15 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

MDL07

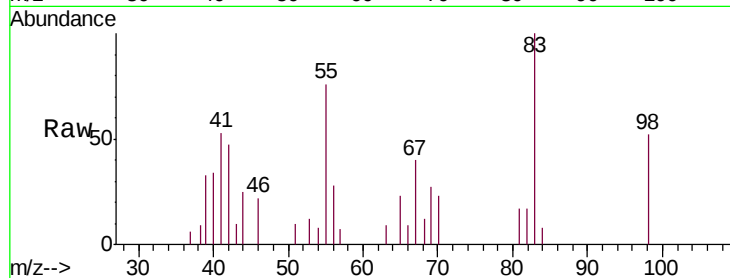
Tgt Ion: 83 Resp: 3244

Ion Ratio Lower Upper

83 100

55 94.8 66.2 99.2

98 58.8 37.9 56.9#

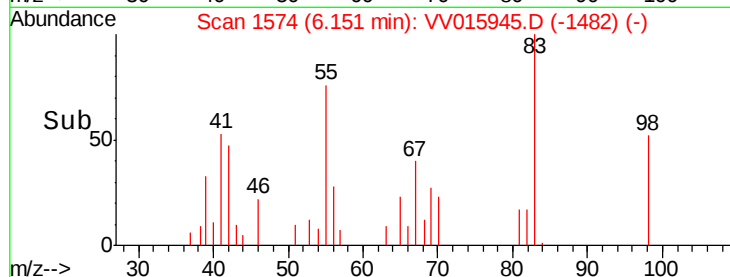


Abundance Ion 83.15 (82.85 to 83.85): VV015934.D (-1563) (-)

Ion 55.10 (54.80 to 55.80): VV015934.D (-1563) (-)

Ion 98.15 (97.85 to 98.85): VV015934.D (-1563) (-)

Time-->



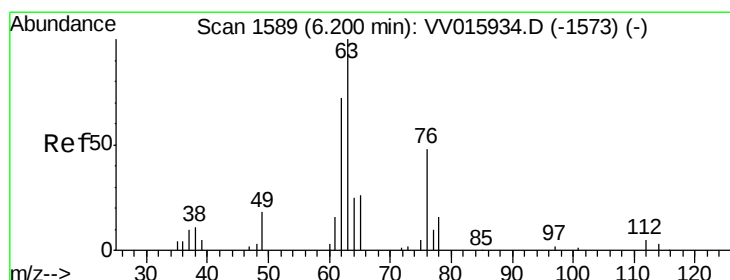
Abundance

Ion 83.15 (82.85 to 83.85): VV015945.D (-1482) (-)

Ion 55.10 (54.80 to 55.80): VV015945.D (-1482) (-)

Ion 98.15 (97.85 to 98.85): VV015945.D (-1482) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.250 ug/L

RT: 6.20 min Scan# 1590

Delta R.T. 0.00 min

Lab File: VV015945.D

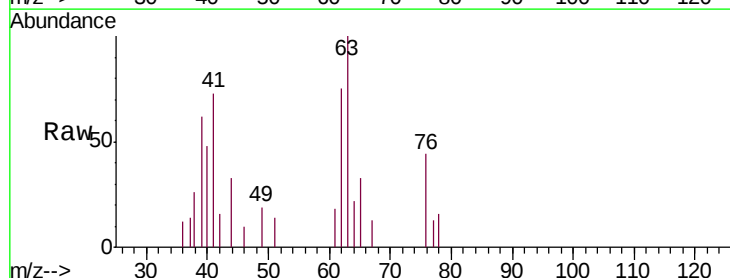
Acq: 07 May 2020 16:43

Tgt Ion: 63 Resp: 2392

Ion Ratio Lower Upper

63 100

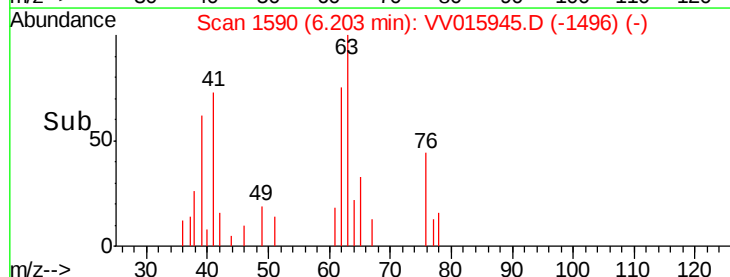
112 1.7 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV015934.D (-1573) (-)

Ion 112.10 (111.80 to 112.80): VV015934.D (-1573) (-)

Time-->

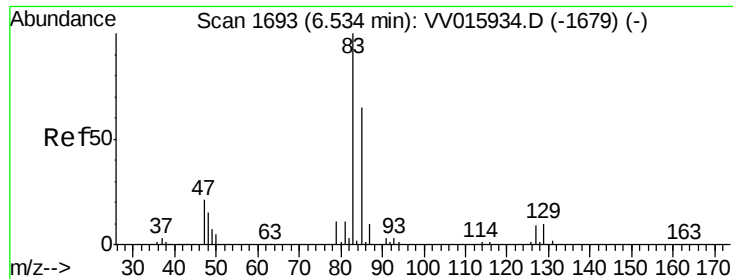


Abundance

Ion 63.10 (62.80 to 63.80): VV015945.D (-1496) (-)

Ion 112.10 (111.80 to 112.80): VV015945.D (-1496) (-)

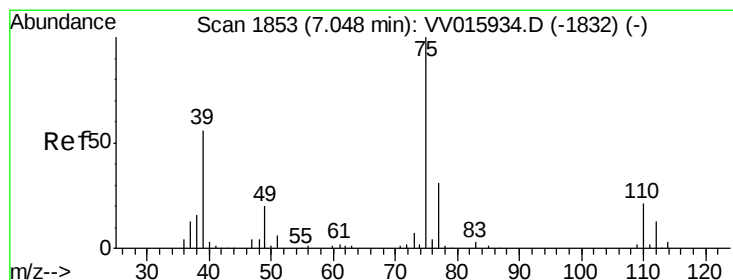
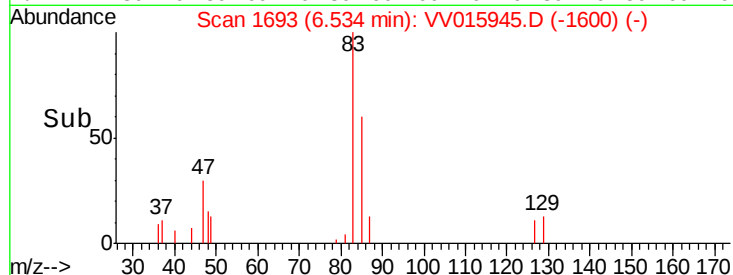
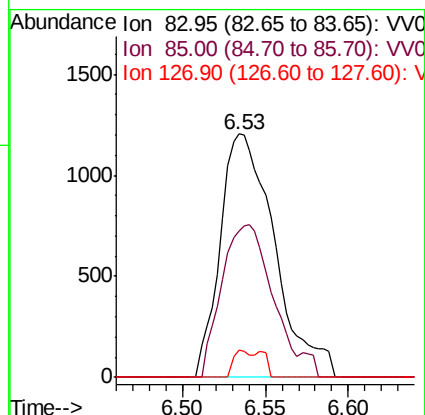
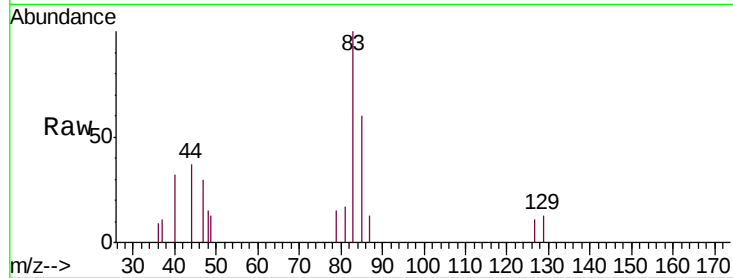
Time-->



#38
Bromodichloromethane
Concen: 0.226 ug/L
RT: 6.53 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VV015945.D
Acq: 07 May 2020 16:43

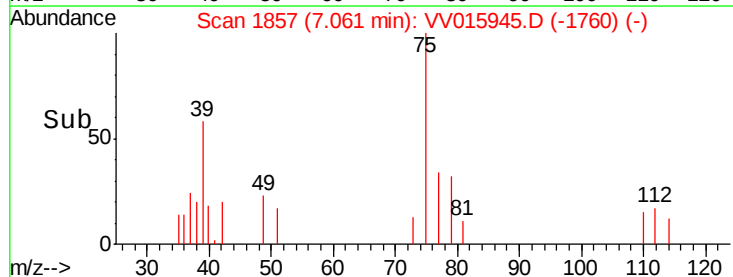
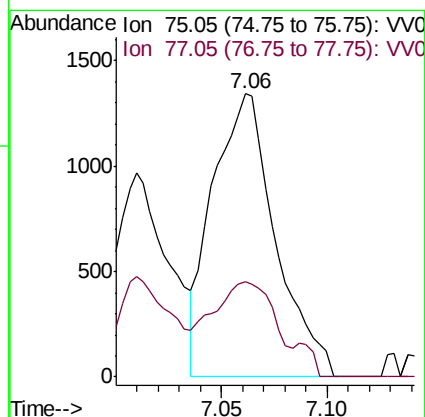
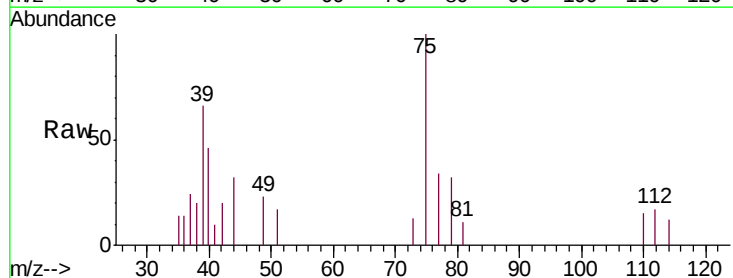
Instrument :
MSVOA_V
ClientSampleId :
MDL07

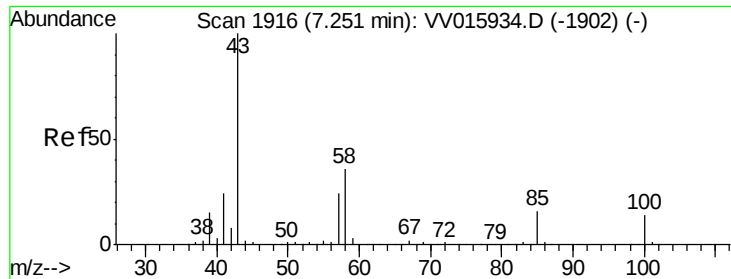
Tgt Ion: 83 Resp: 2753
Ion Ratio Lower Upper
83 100
85 60.2 45.5 84.5
127 11.2 6.2 9.4#



#39
cis-1,3-Dichloropropene
Concen: 0.206 ug/L
RT: 7.06 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 16:43

Tgt Ion: 75 Resp: 2785
Ion Ratio Lower Upper
75 100
77 33.6 21.3 39.5

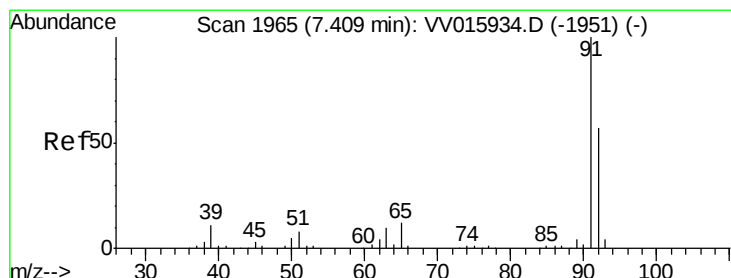
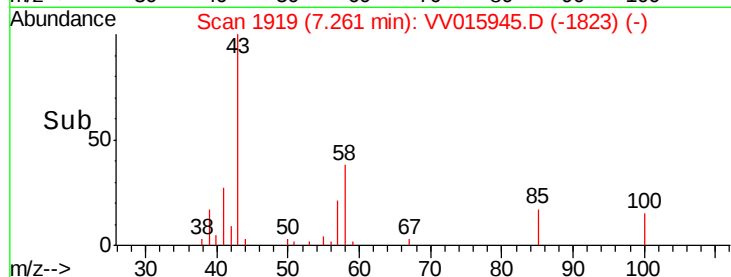
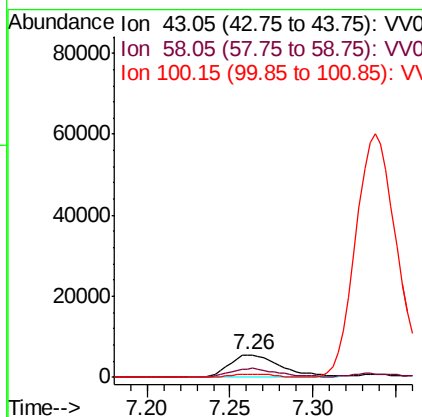
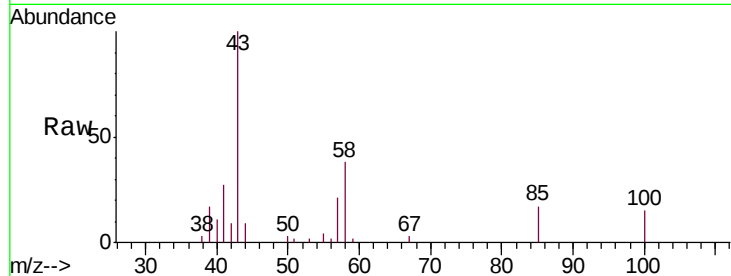




#40
 4-Methyl-2-pentanone
 Concen: 2.034 ug/L
 RT: 7.26 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

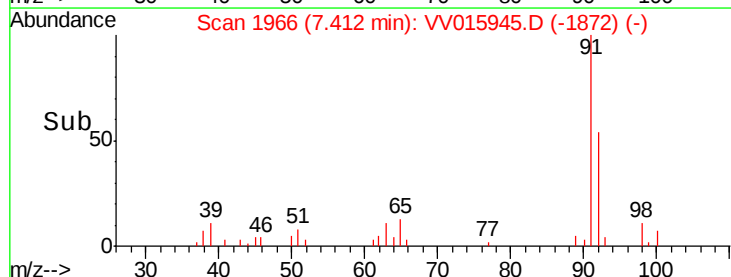
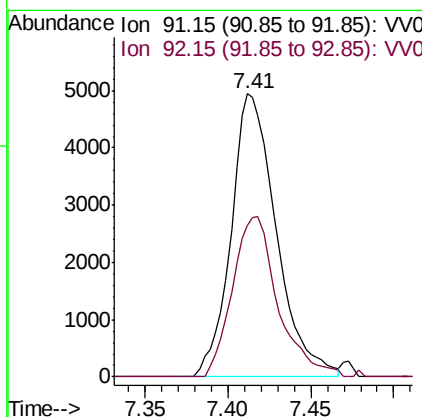
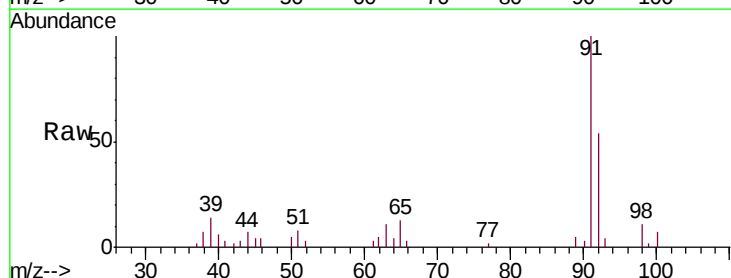
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

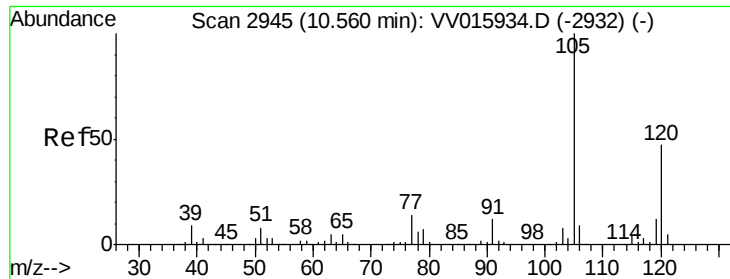
Tgt Ion: 43 Resp: 12138
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.0 43.4
 100 0.0 10.9 16.3#



#42
 Toluene
 Concen: 0.236 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion: 91 Resp: 9425
 Ion Ratio Lower Upper
 91 100
 92 53.7 40.1 74.5

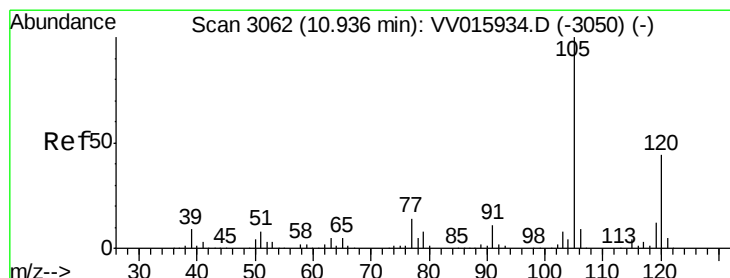
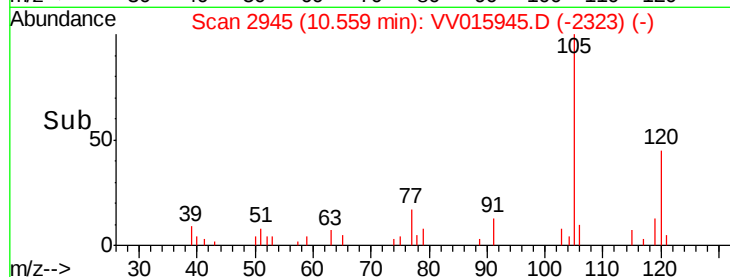
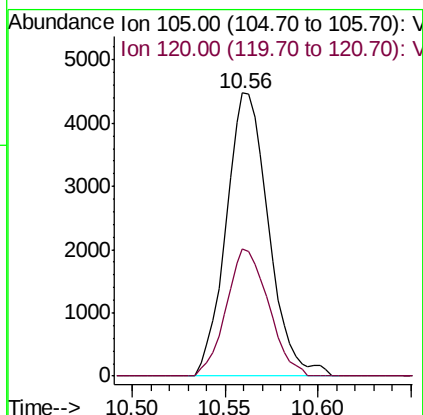
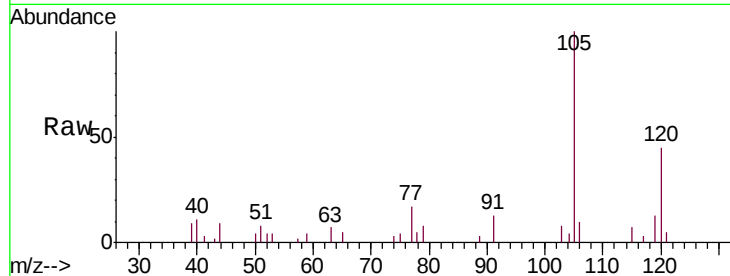




#43
 1,3,5-Trimethylbenzene
 Concen: 0.194 ug/L
 RT: 10.56 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

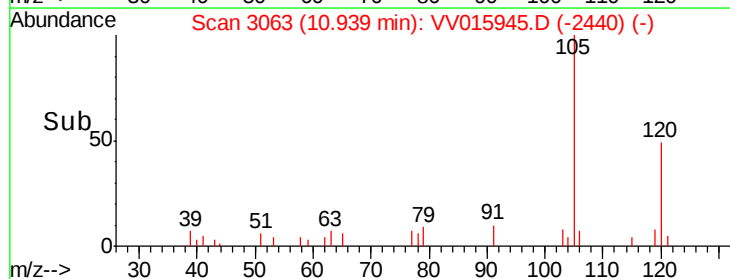
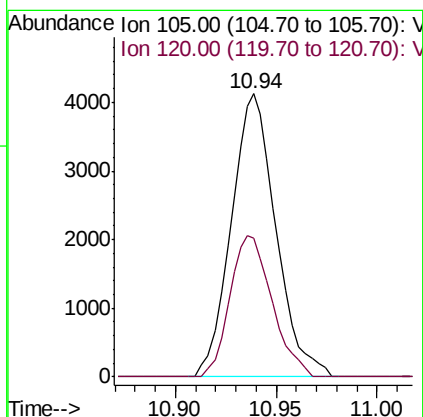
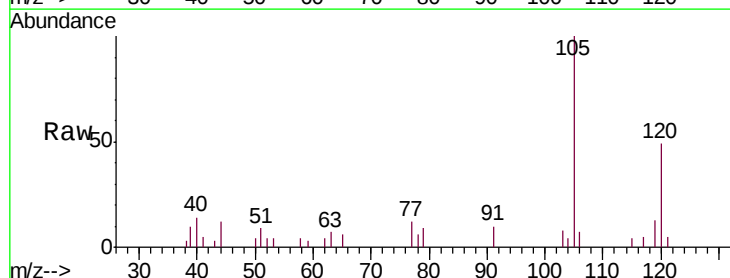
Instrument :
 MSVOA_V
 ClientSampleID :
 MDL07

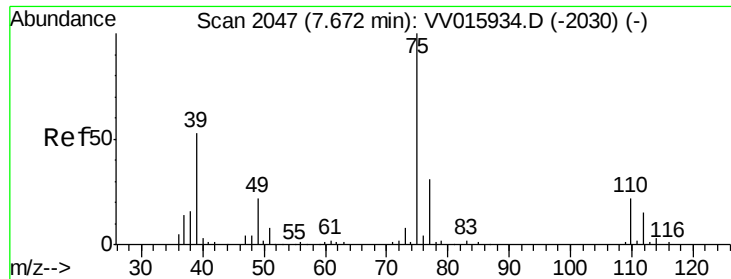
Tgt Ion:105 Resp: 7113
 Ion Ratio Lower Upper
 105 100
 120 44.7 0.0 0.0#



#44
 1,2,4-Trimethylbenzene
 Concen: 0.174 ug/L
 RT: 10.94 min Scan# 3063
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion:105 Resp: 6373
 Ion Ratio Lower Upper
 105 100
 120 47.1 0.0 0.0#





#46

trans-1,3-Dichloropropene

Concen: 0.216 ug/L

RT: 7.68 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampled :

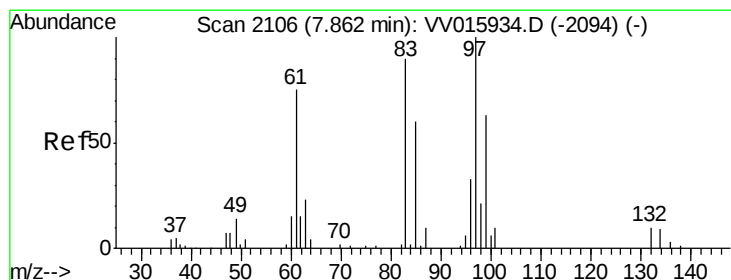
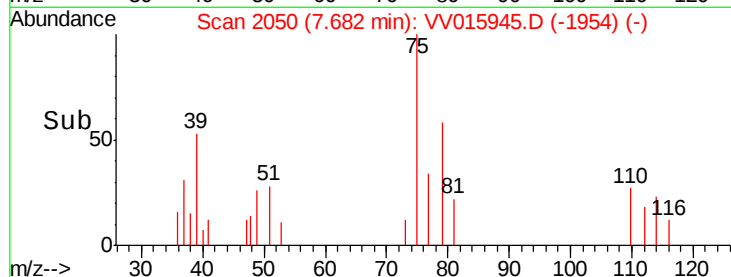
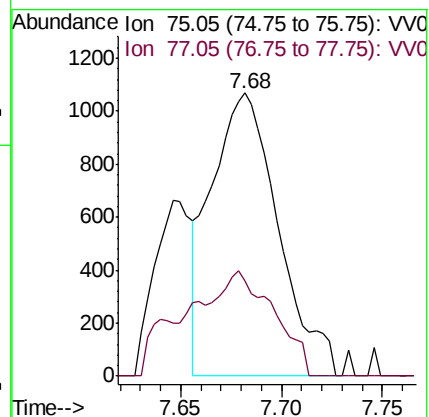
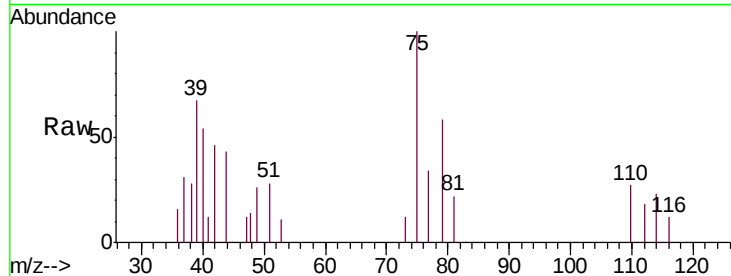
MDL07

Tgt Ion: 75 Resp: 2473

Ion Ratio Lower Upper

75 100

77 33.7 21.3 39.6



#47

1,1,2-Trichloroethane

Concen: 0.241 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Tgt Ion: 97 Resp: 1543

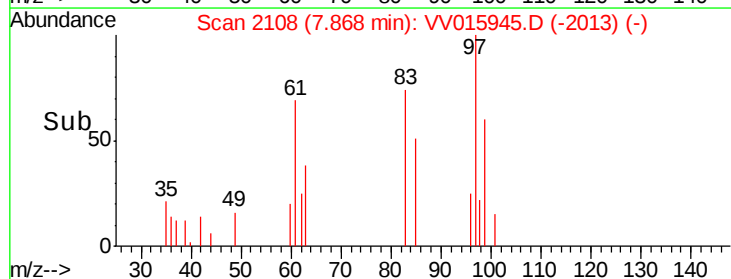
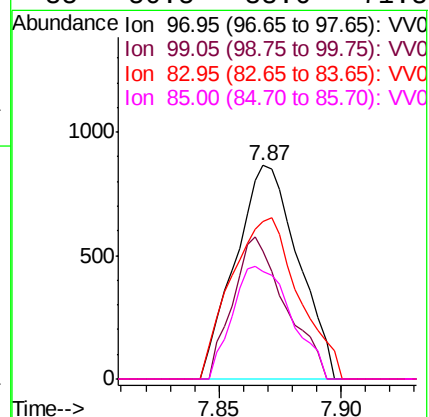
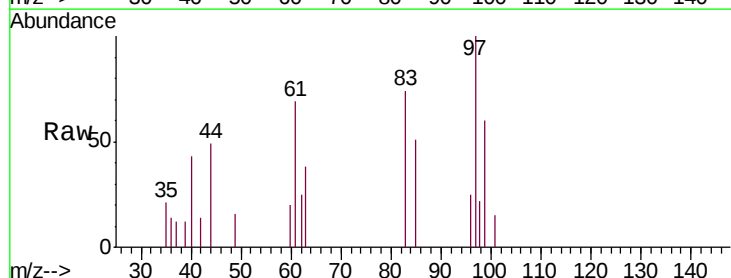
Ion Ratio Lower Upper

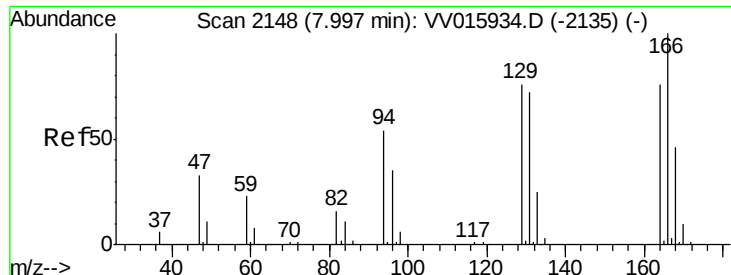
97 100

99 60.2 42.1 78.1

83 74.0 59.2 110.0

85 50.5 38.6 71.8





#49

Tetrachloroethene

Concen: 0.262 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:164 Resp: 1970

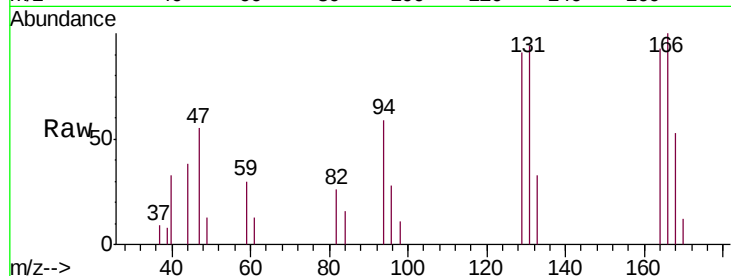
Ion Ratio Lower Upper

164 100

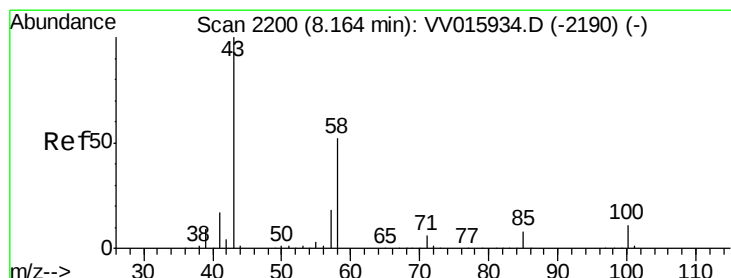
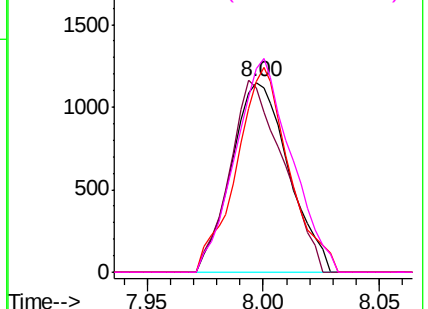
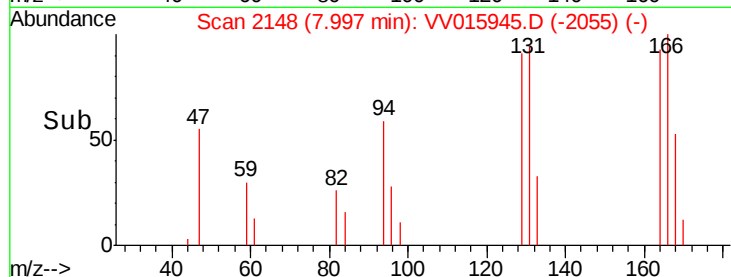
129 97.0 69.7 129.4

131 100.8 66.8 124.2

166 107.1 89.1 165.5



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: 3.441 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Tgt Ion: 43 Resp: 14525

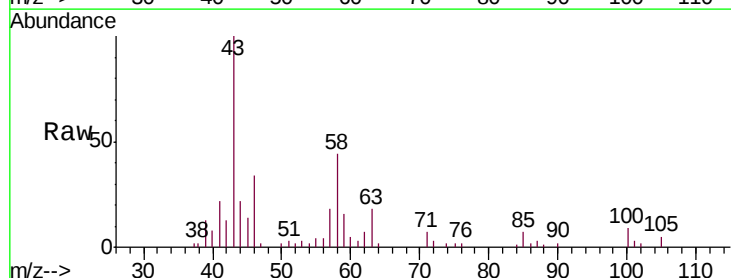
Ion Ratio Lower Upper

43 100

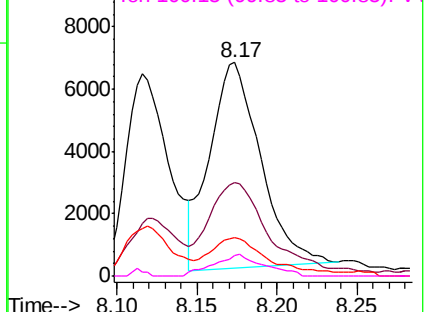
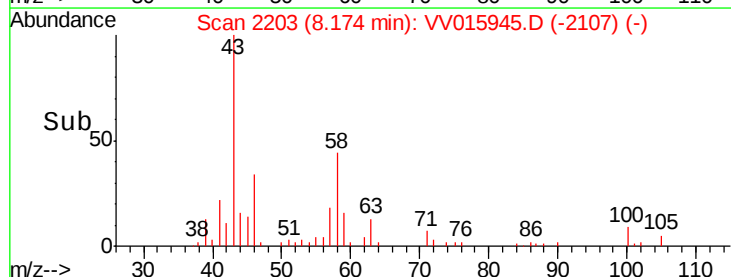
58 47.5 40.8 61.2

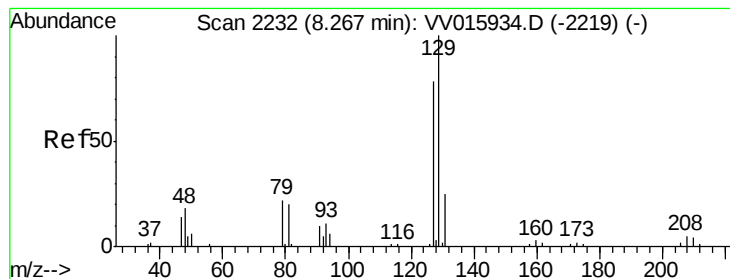
57 21.7 14.7 22.1

100 10.3 9.0 13.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#51

Dibromochloromethane

Concen: 0.225 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampled :

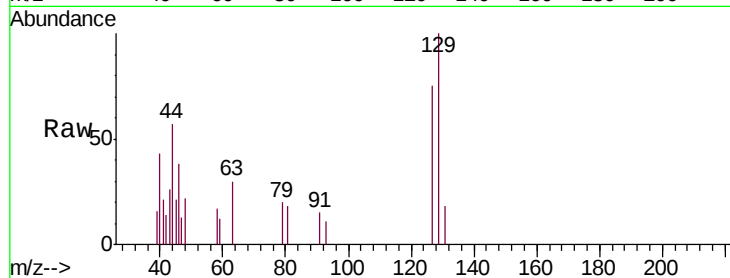
MDL07

Tgt Ion:129 Resp: 1617

Ion Ratio Lower Upper

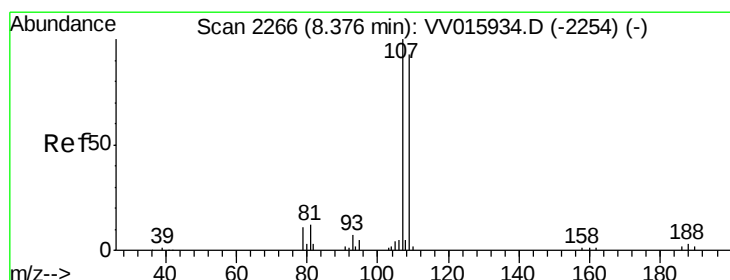
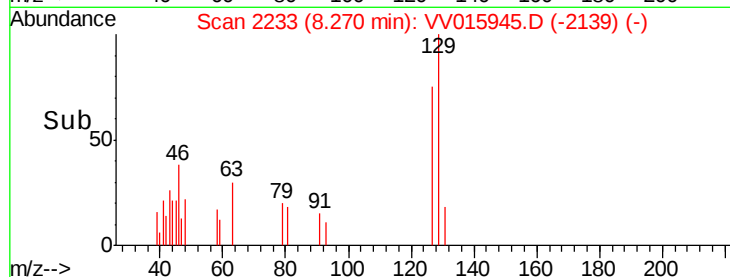
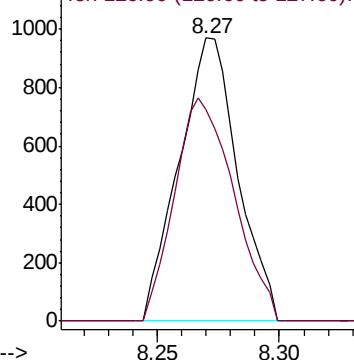
129 100

127 74.9 56.0 104.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

1,2-Dibromoethane

Concen: 0.241 ug/L

RT: 8.38 min Scan# 2268

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

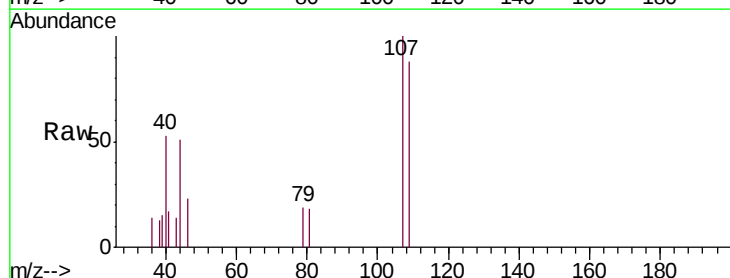
Tgt Ion:107 Resp: 1428

Ion Ratio Lower Upper

107 100

109 87.6 68.9 127.9

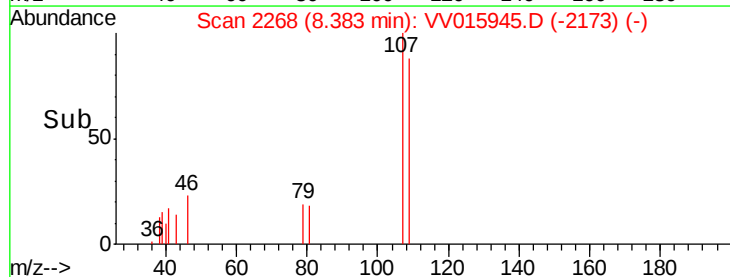
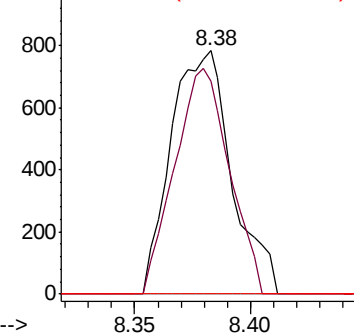
188 0.0 2.7 4.1#

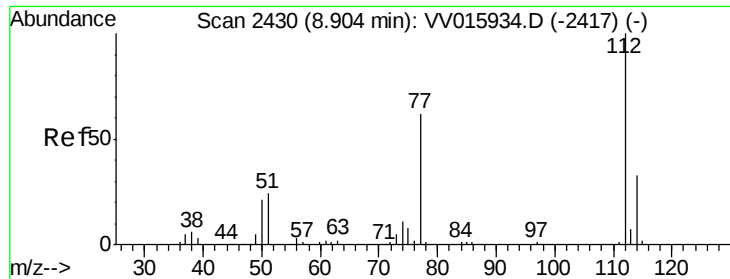


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V





#53

Chlorobenzene

Concen: 0.231 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampled :

MDL07

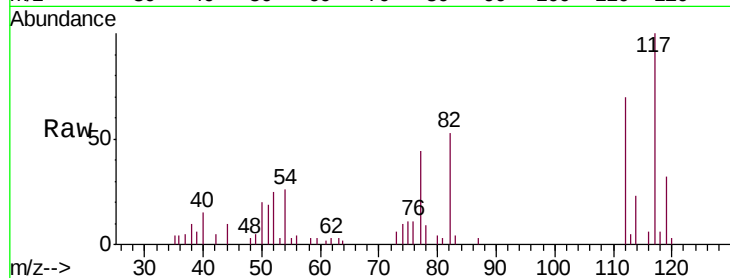
Tgt Ion: 112 Resp: 5938

Ion Ratio Lower Upper

112 100

114 33.3 21.6 40.0

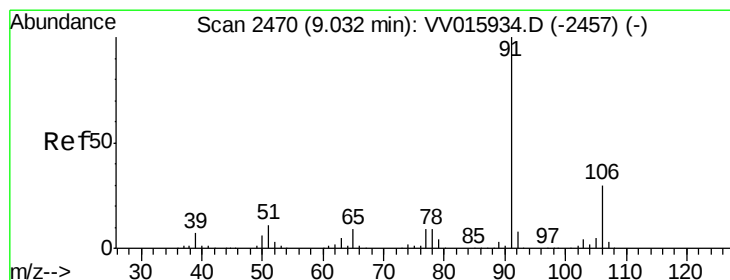
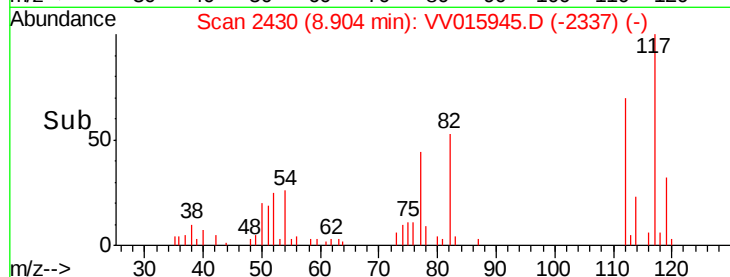
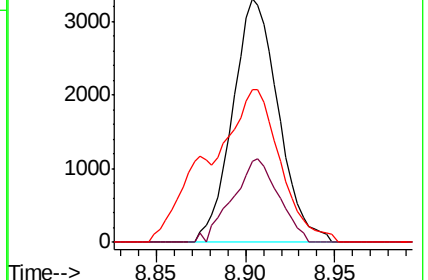
77 63.0 48.6 73.0



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): VV0



#54

Ethylbenzene

Concen: 0.216 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015945.D

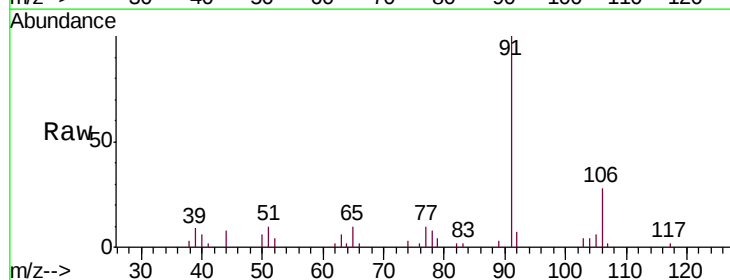
Acq: 07 May 2020 16:43

Tgt Ion: 91 Resp: 9808

Ion Ratio Lower Upper

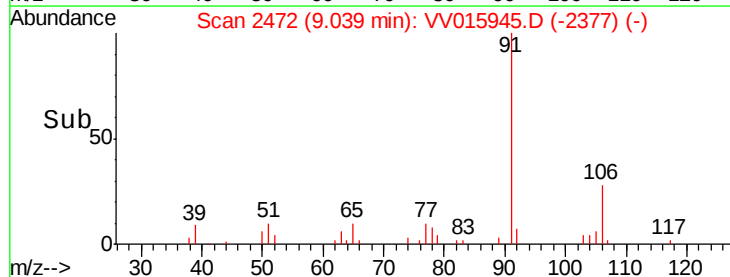
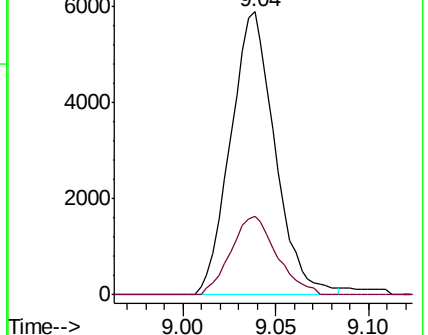
91 100

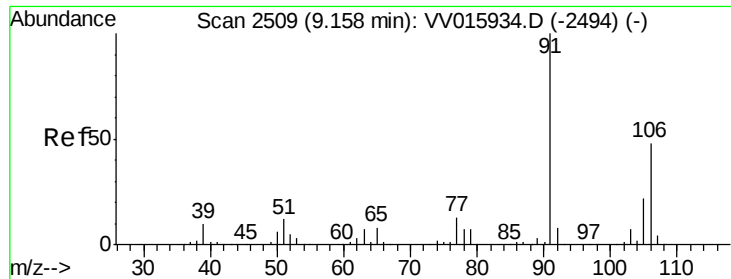
106 27.7 20.6 38.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

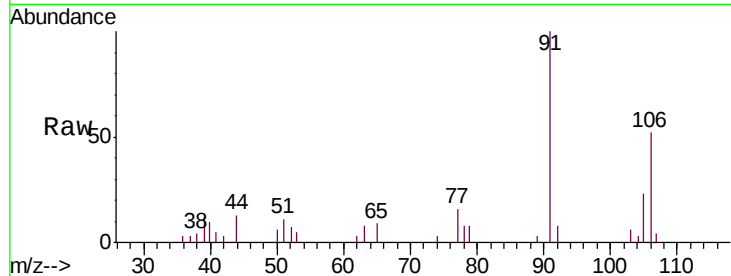




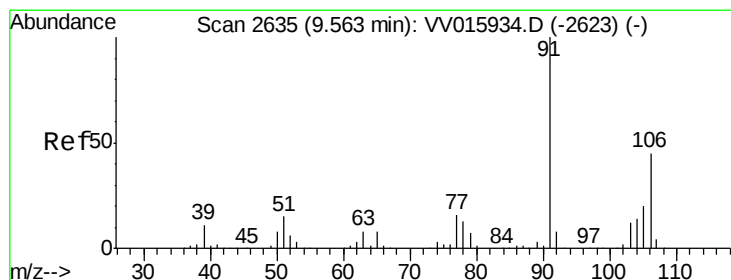
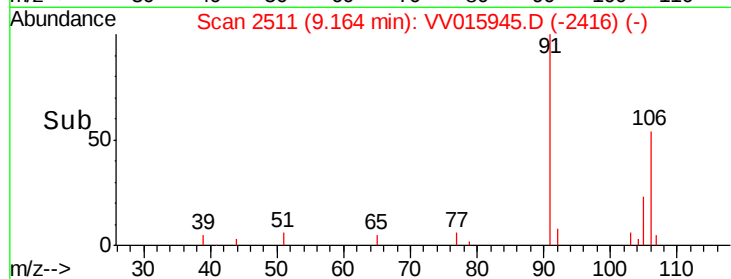
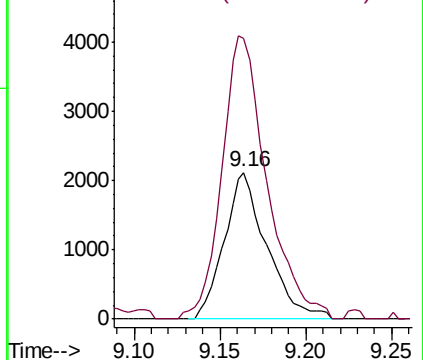
#55
m,p-xylene
Concen: 0.218 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 16:43

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 3661
Ion Ratio Lower Upper
106 100
91 191.6 149.9 278.3

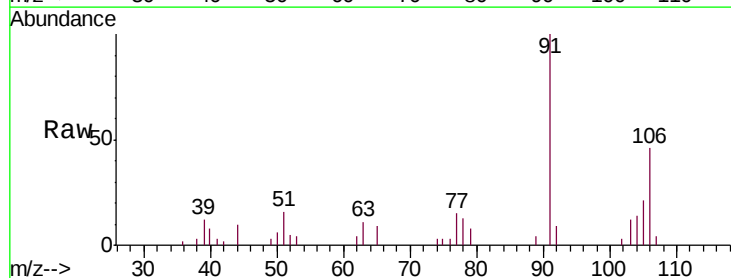


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

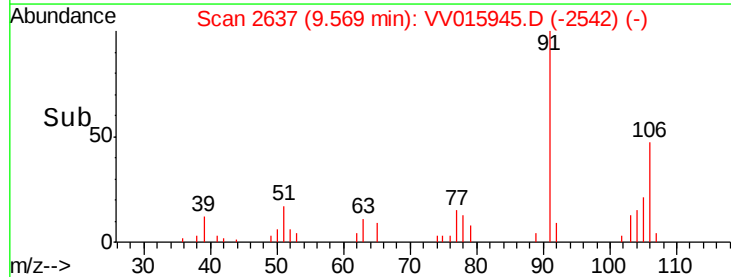
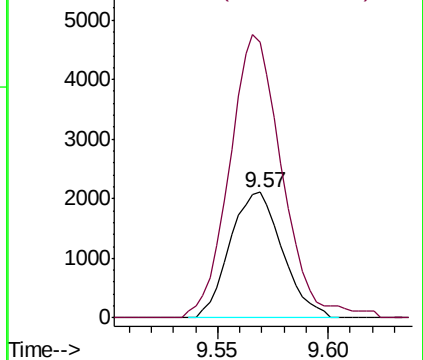


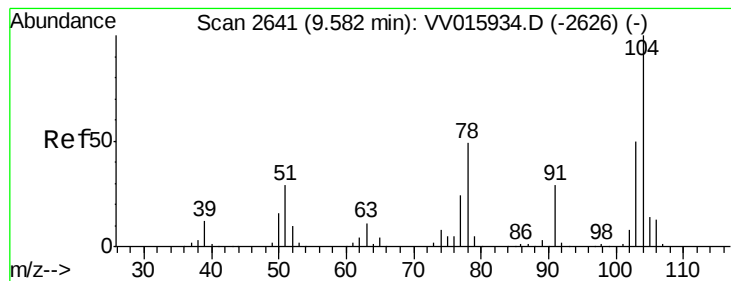
#56
o-xylene
Concen: 0.216 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV015945.D
Acq: 07 May 2020 16:43

Tgt Ion:106 Resp: 3478
Ion Ratio Lower Upper
106 100
91 219.3 159.7 296.5



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





#57

Styrene

Concen: 0.185 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

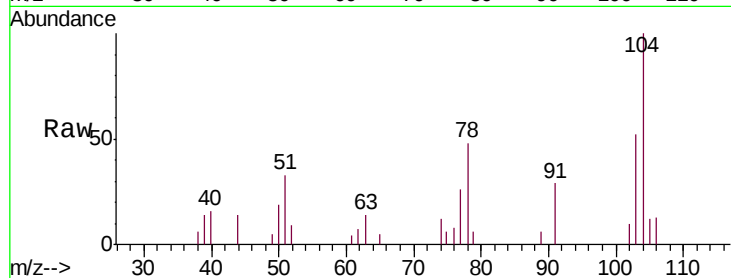
MDL07

Tgt Ion:104 Resp: 4982

Ion Ratio Lower Upper

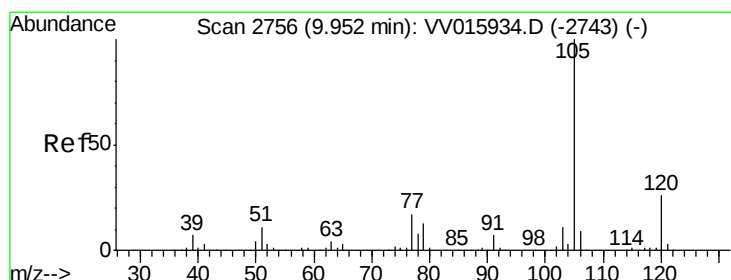
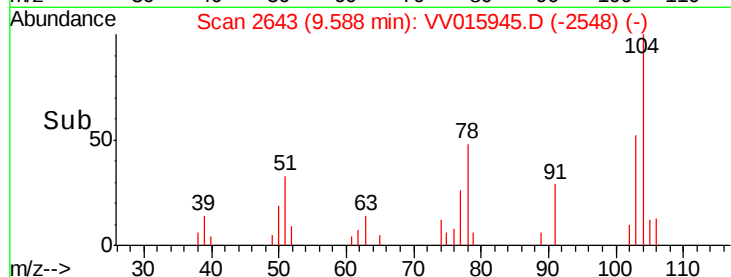
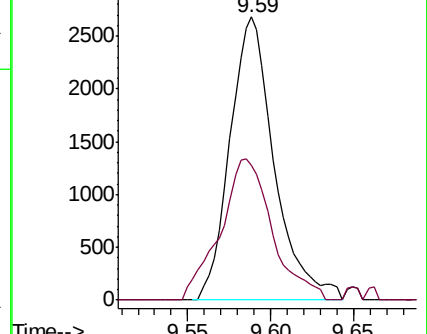
104 100

78 47.5 33.9 63.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#58

Isopropylbenzene

Concen: 0.201 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

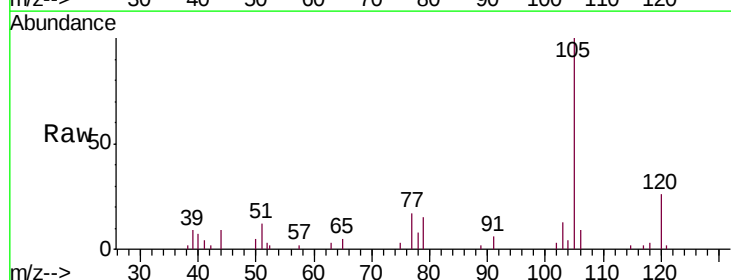
Tgt Ion:105 Resp: 8889

Ion Ratio Lower Upper

105 100

120 27.4 20.8 31.2

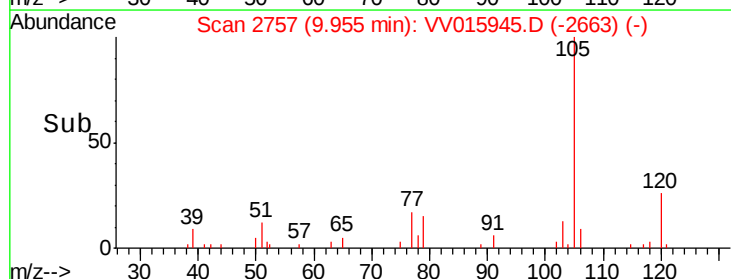
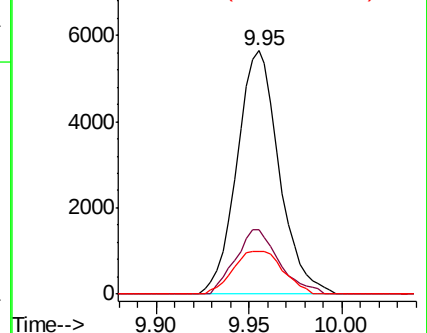
77 20.8 14.1 21.1

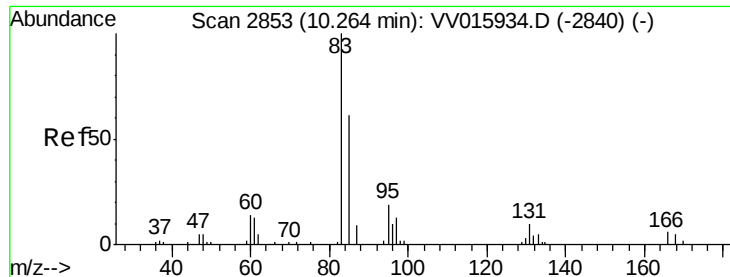


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.277 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

MDL07

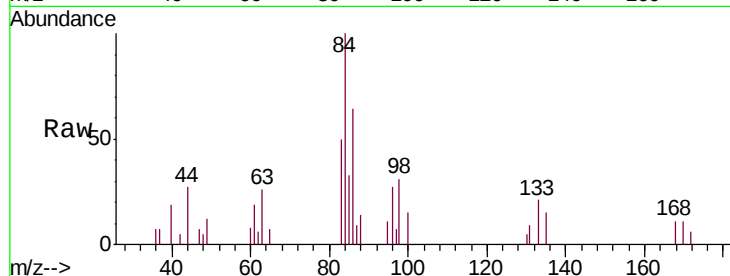
Tgt Ion: 83 Resp: 1892

Ion Ratio Lower Upper

83 100

85 66.7 44.0 81.6

131 18.7 7.7 11.5#

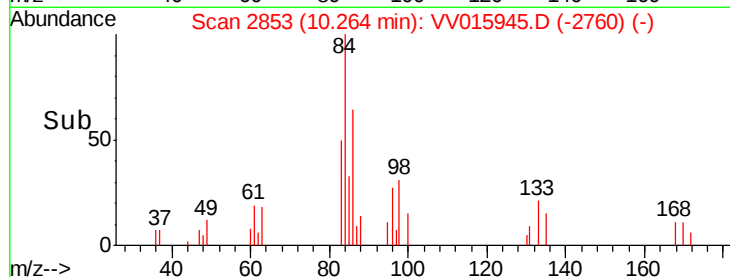


Abundance Ion 82.95 (82.65 to 83.65): VV015934.D (-2840) (-)

Ion 85.00 (84.70 to 85.70): VV015934.D (-2840) (-)

Ion 130.95 (130.65 to 131.65): VV015934.D (-2840) (-)

Time--> 10.20 10.25 10.30

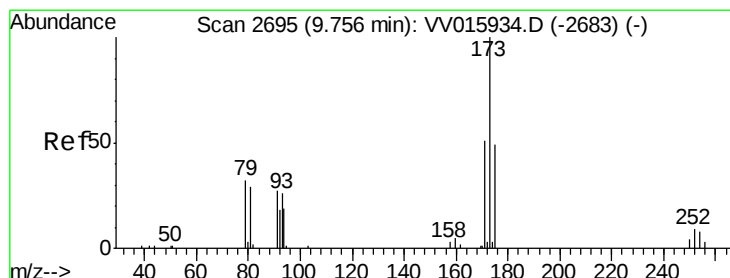


Abundance Ion 82.95 (82.65 to 83.65): VV015945.D (-2760) (-)

Ion 85.00 (84.70 to 85.70): VV015945.D (-2760) (-)

Ion 130.95 (130.65 to 131.65): VV015945.D (-2760) (-)

Time--> 10.20 10.25 10.30



#62

Bromoform

Concen: 0.182 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VV015945.D

Acq: 07 May 2020 16:43

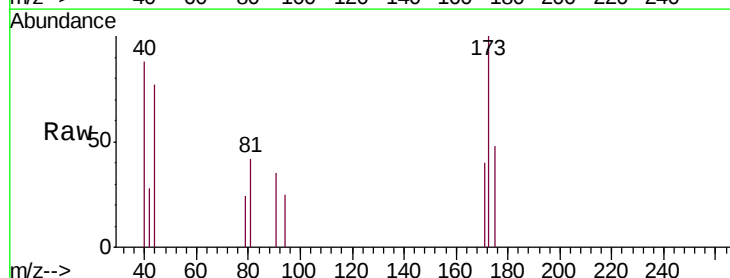
Tgt Ion: 173 Resp: 602

Ion Ratio Lower Upper

173 100

175 57.6 39.8 59.8

254 0.0 7.1 10.7#

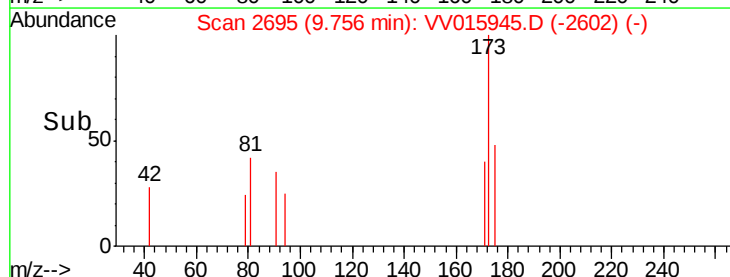


Abundance Ion 172.90 (172.60 to 173.60): VV015934.D (-2683) (-)

Ion 174.90 (174.60 to 175.60): VV015934.D (-2683) (-)

Ion 253.75 (253.45 to 254.45): VV015934.D (-2683) (-)

Time--> 9.72 9.74 9.76 9.78

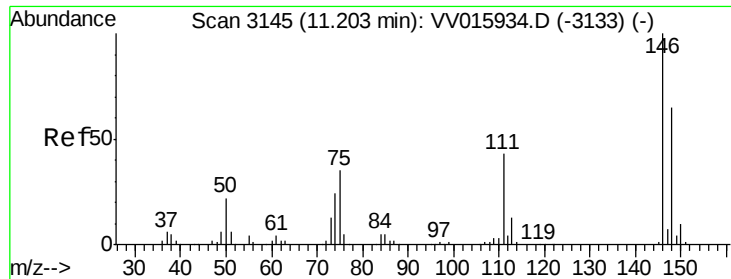


Abundance Ion 172.90 (172.60 to 173.60): VV015945.D (-2602) (-)

Ion 174.90 (174.60 to 175.60): VV015945.D (-2602) (-)

Ion 253.75 (253.45 to 254.45): VV015945.D (-2602) (-)

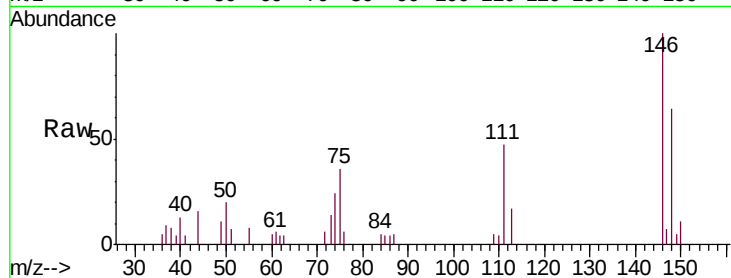
Time--> 9.72 9.74 9.76 9.78



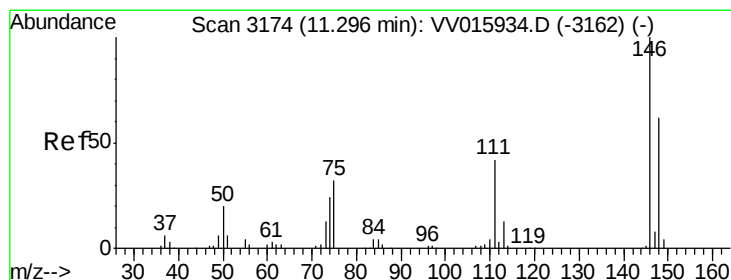
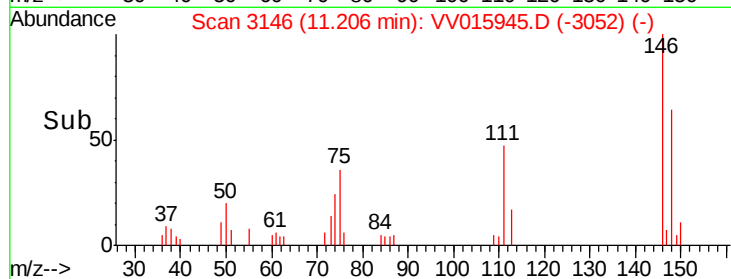
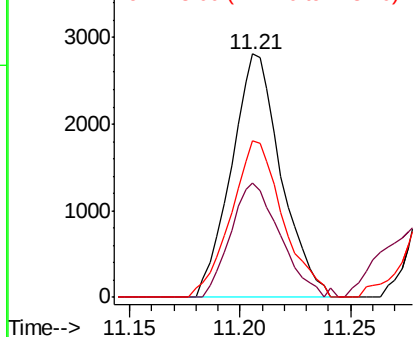
#63
 1,3-Dichlorobenzene
 Concen: 0.227 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion:146 Resp: 4402
 Ion Ratio Lower Upper
 146 100
 111 47.1 28.7 53.3
 148 64.2 44.0 81.8

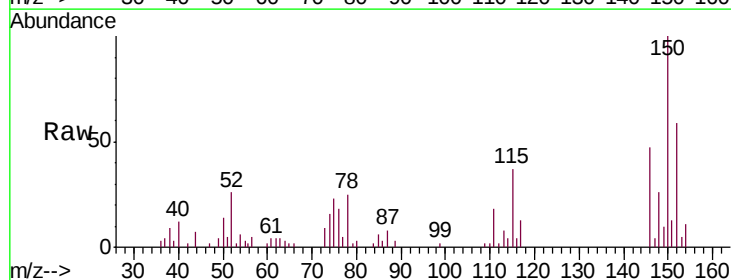


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

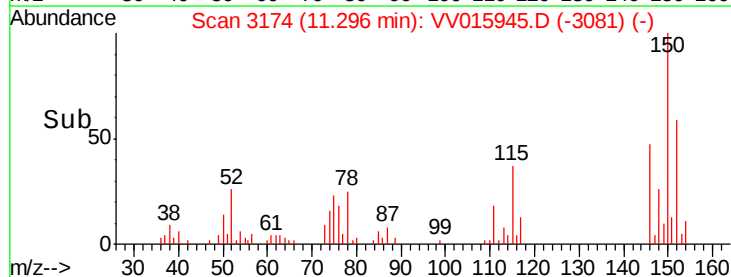
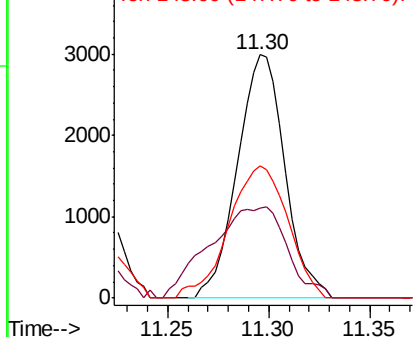


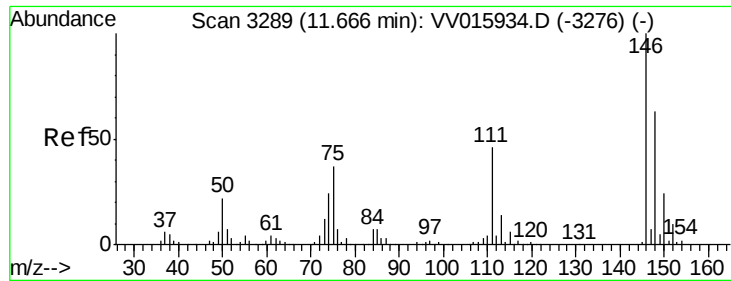
#64
 1,4-Dichlorobenzene
 Concen: 0.253 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion:146 Resp: 4927
 Ion Ratio Lower Upper
 146 100
 111 37.2 28.9 53.7
 148 54.3 44.6 82.8



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

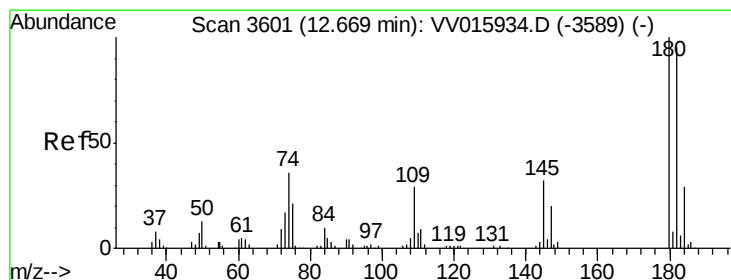
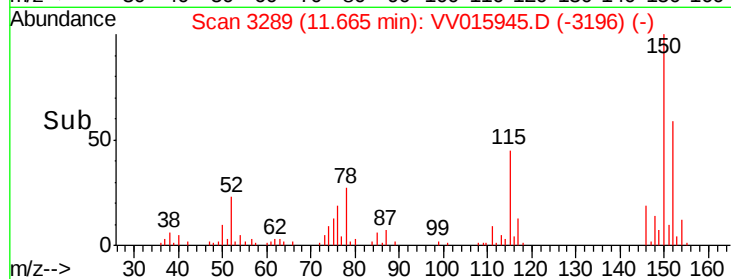
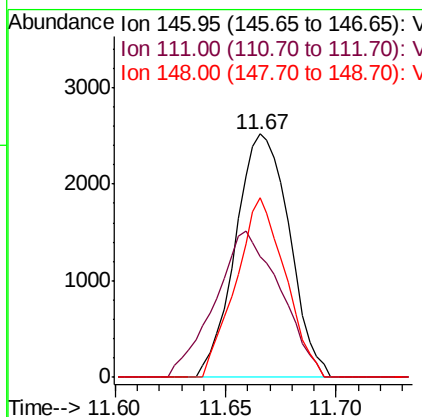
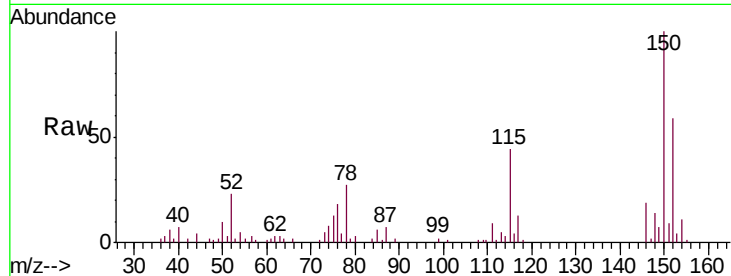




#66
 1,2-Dichlorobenzene
 Concen: 0.243 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

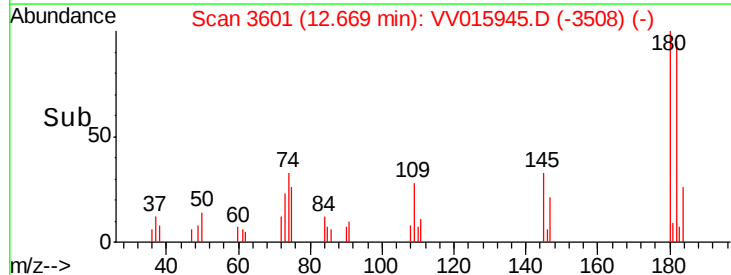
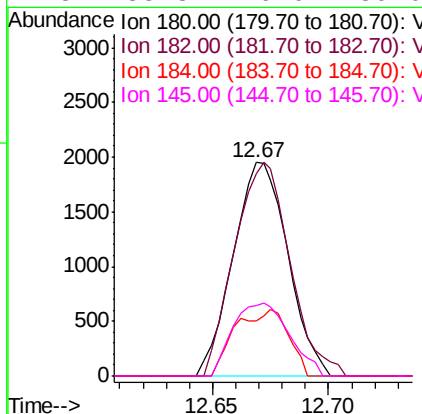
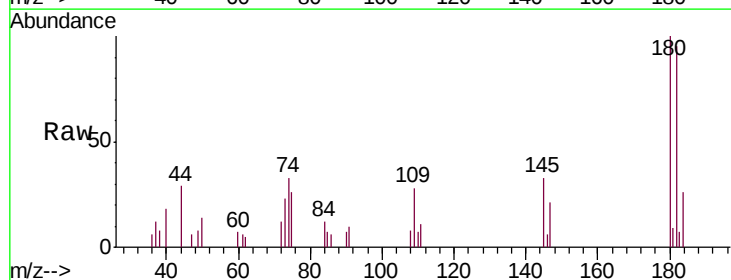
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

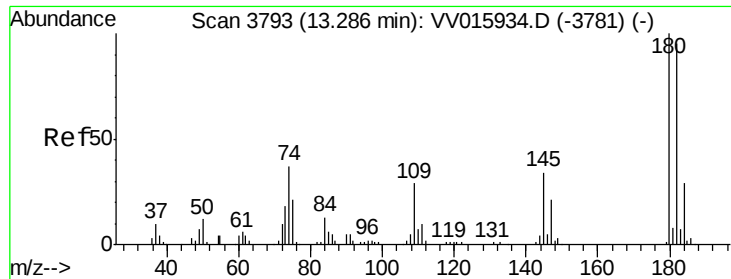
Tgt Ion:146 Resp: 4262
 Ion Ratio Lower Upper
 146 100
 111 49.3 37.0 55.4
 148 73.9 49.8 74.6



#68
 1,3,5-Trichlorobenzene
 Concen: 0.225 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion:180 Resp: 3193
 Ion Ratio Lower Upper
 180 100
 182 101.4 75.8 113.6
 184 30.2 24.6 36.8
 145 35.3 26.0 39.0

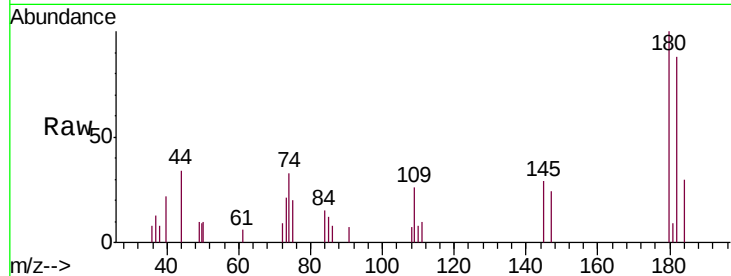




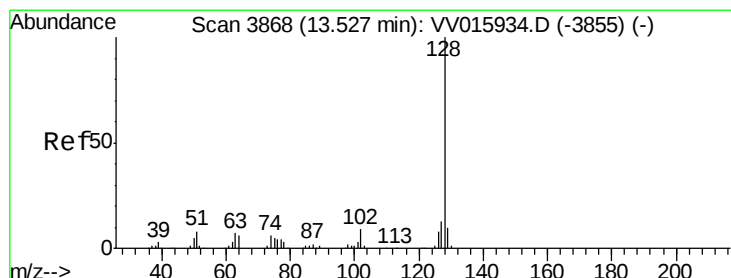
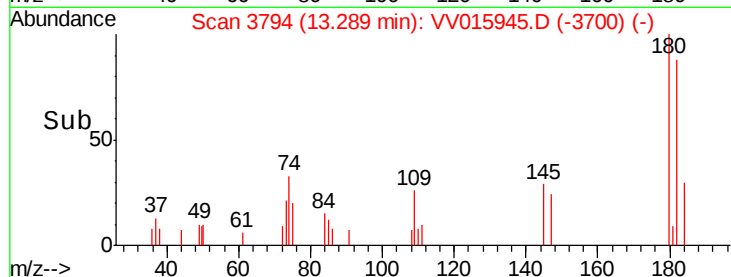
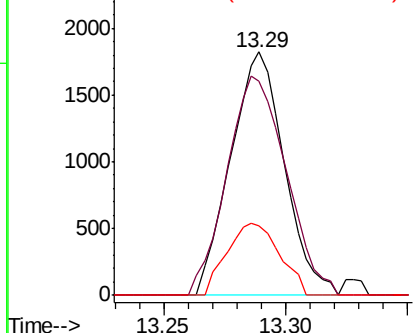
#69
 1,2,4-trichlorobenzene
 Concen: 0.229 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion:180 Resp: 2784
 Ion Ratio Lower Upper
 180 100
 182 99.6 76.7 115.1
 145 28.9 26.4 39.6

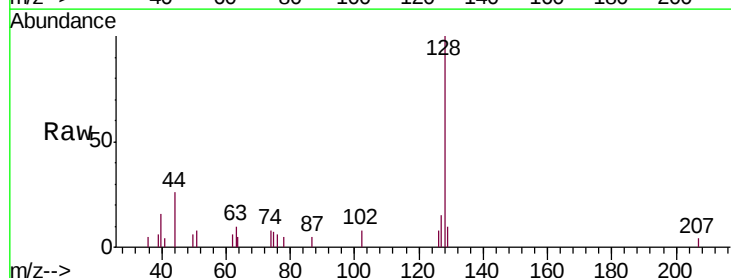


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

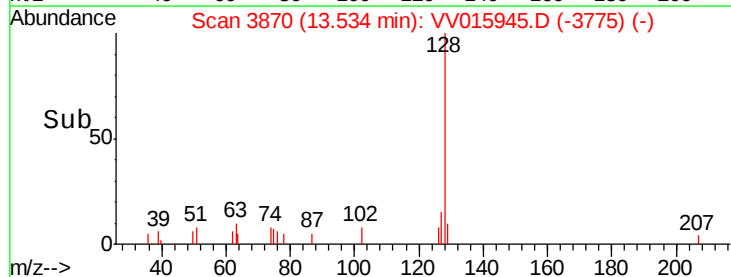
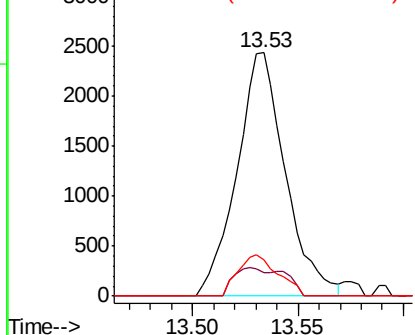


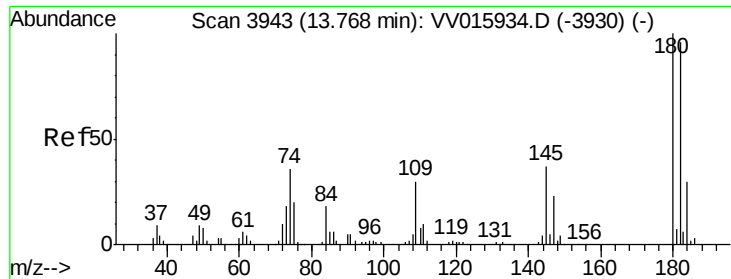
#70
 Naphthalene
 Concen: 0.201 ug/L
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Tgt Ion:128 Resp: 3885
 Ion Ratio Lower Upper
 128 100
 129 12.3 8.5 12.7
 127 14.0 10.2 15.2



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: 0.215 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015945.D
 Acq: 07 May 2020 16:43

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion:180 Resp: 2313
 Ion Ratio Lower Upper
 180 100
 182 100.0 77.0 115.6
 145 35.7 28.3 42.5

